Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032419\
Data File : PQ038272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Mar 2019 22:25
Operator : SM\SJ
Sample : K2052-03MSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 25 06:09:34 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Mar 25 05:45:22 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.718	4.000	109.8E6	44476961	26.651	26.353	
2)	SA Decachlor...	10.673	9.147	145.4E6	67218740	26.727	28.412	
	Target Compounds							
3)	L1 AR-1016-1	5.900	5.129	72417295	49907262	303.257	467.127	#
4)	L1 AR-1016-2	5.923	5.161	107.1E6	2962576	294.979	19.124	#
5)	L1 AR-1016-3	5.987	5.347	64289244	20267672	288.820	252.765	
6)	L1 AR-1016-4	6.087	5.391	53060604	25257758	287.821	397.792	#
7)	L1 AR-1016-5	6.383	5.609	51492700	9758035	278.965	111.408	#
8)	L2 AR-1221-1	4.924	4.217	5756749	3117293	107.395	133.554	
9)	L2 AR-1221-2	5.017	4.307	8580526	3767296	224.859	226.297	
10)	L2 AR-1221-3	5.095	4.385	36112340	16415921	276.948	288.570	
11)	L3 AR-1232-1	5.095	4.385	36112340	16415921	375.655	401.520	
12)	L3 AR-1232-2	5.631	5.161	54697361	2962576	1055.923	66.380	#
13)	L3 AR-1232-3	5.923	5.347	107.1E6	20267672	1008.990	842.347	
14)	L3 AR-1232-4	6.087	5.424	53060604	9553419	1001.320	422.985	#
15)	L3 AR-1232-5	6.175	5.567	46631646	26943279	1146.182	1113.156	
16)	L4 AR-1242-1	5.923	5.129	107.1E6	49907262	699.630	708.759	
17)	L4 AR-1242-2	5.923	5.161	107.1E6	2962576	468.699	29.403	#
18)	L4 AR-1242-3	5.987	5.347	64289244	20267672	447.903	378.595	
19)	L4 AR-1242-4	6.087	5.424	53060604	9553419	460.027	176.002	#
20)	L4 AR-1242-5	6.827	5.922	6214471	21004349	46.785	285.740	#
21)	L5 AR-1248-1	5.923	5.129	107.1E6	49907262	995.312	994.552	
22)	L5 AR-1248-2	6.175	5.347	46631646	20267672	286.049	284.422	
23)	L5 AR-1248-3	6.383	5.424	51492700	9553419	281.553	130.418	#
24)	L5 AR-1248-4	6.827	5.567	6214471	26943279	29.641	297.972	#
25)	L5 AR-1248-5	6.827	5.962	6214471	2752534	30.834	30.680	
26)	L6 AR-1254-1	6.761	5.922	46275545	21004349	192.707	130.640	#
27)	L6 AR-1254-2	6.979	6.142	42612160	-3093025	112.986	N.D.	#
28)	L6 AR-1254-3	7.350	6.490	20801164	43462522	51.237	180.768	#
29)	L6 AR-1254-4	7.637	6.731	13497191	11371589	47.950	73.379	#
30)	L6 AR-1254-5	8.057	7.162	127.8E6	43452604	395.858	214.343	#
31)	L7 AR-1260-1	7.513	6.607	94387054	52335981	221.845	255.980	
32)	L7 AR-1260-2	7.770	6.793	106.7E6	62701189	207.784	244.776	
33)	L7 AR-1260-3	8.132	6.952	67789805	45382497	175.246	189.708	
34)	L7 AR-1260-4	8.372	7.468	81003997	5623123	177.586	28.409	#
35)	L7 AR-1260-5	8.714	7.664	152.5E6	96149049	161.067	195.552	
36)	L8 AR-1262-1	8.132	7.162	67789805	43452604	171.015	201.798	
37)	L8 AR-1262-2	8.714	7.664	152.5E6	96149049	213.827	246.794	
38)	L8 AR-1262-3	9.069	7.951	95132848	16417530	198.752	110.271	#
39)	L8 AR-1262-4	9.128	8.017	55326744	66354710	146.192	232.791	#
40)	L8 AR-1262-5	9.857	8.538	35542670	18993379	144.620	160.697	
41)	L9 AR-1268-1	9.069	7.951	95132848	16417530	60.000	20.502	#

Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032419\
Data File : PQ038272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Mar 2019 22:25
Operator : SM\SJ
Sample : K2052-03MSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument : ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 25 06:09:34 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Mar 25 05:45:22 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	9.128	8.017	55326744	66354710	38.071	91.416 #
43)	L9 AR-1268-3	9.396	8.233	3188008	1652961	2.473	2.627
44)	L9 AR-1268-4	9.857	8.538	35542670	18993379	74.413	80.668
45)	L9 AR-1268-5	10.305	8.859	13491207	6096958	3.132	3.166

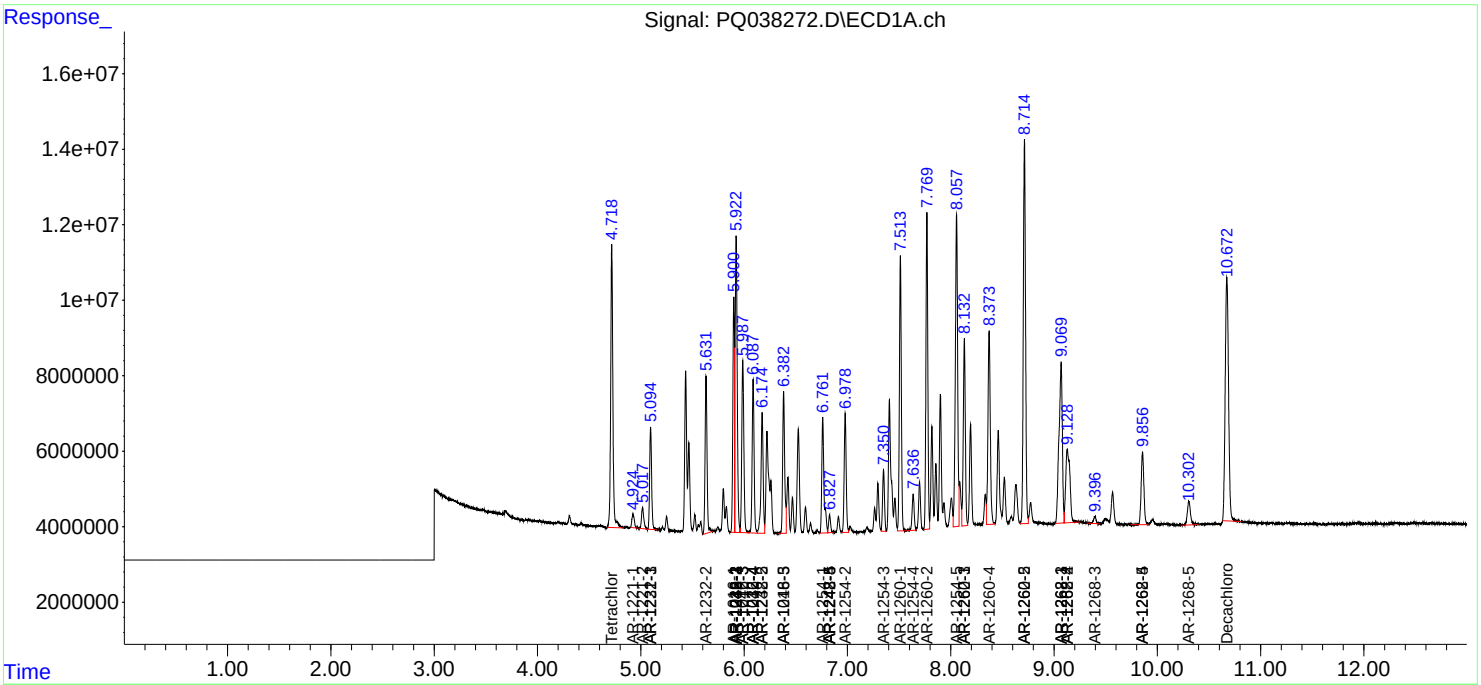
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

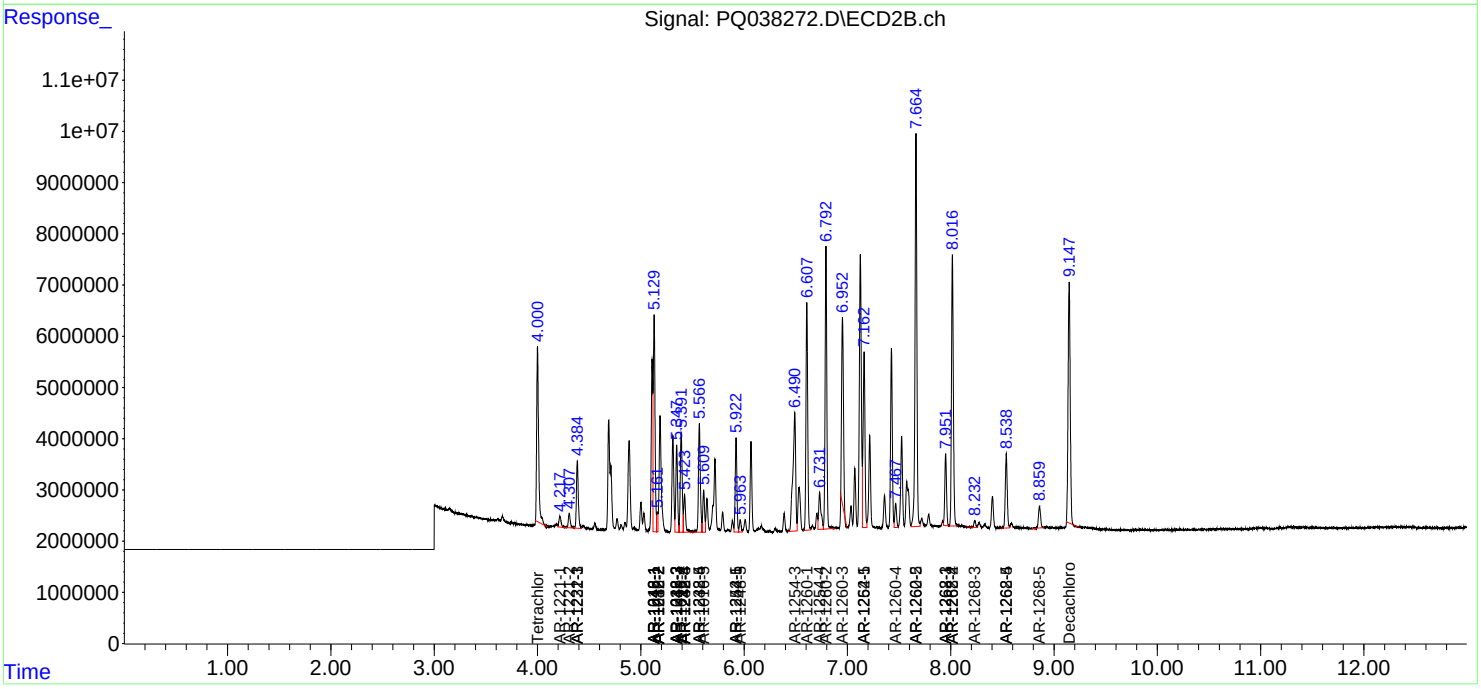
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032419\
Data File : PQ038272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Mar 2019 22:25
Operator : SM\SJ
Sample : K2052-03MSD
Misc :
ALS Vial : 73 Sample Multiplier: 1

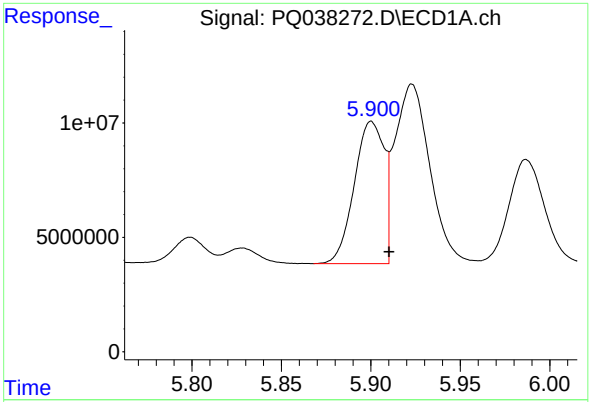
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 25 06:09:34 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032419CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Mar 25 05:45:22 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm



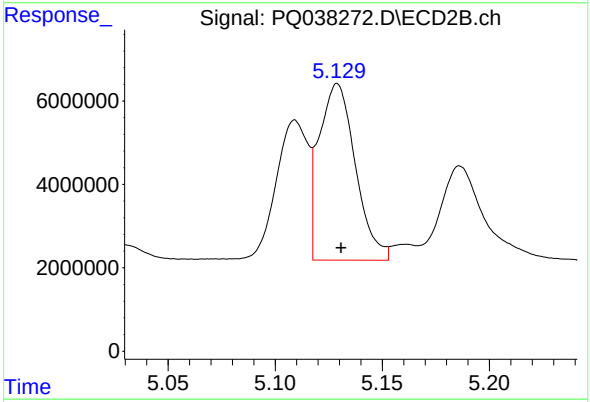




#3 AR-1016-1

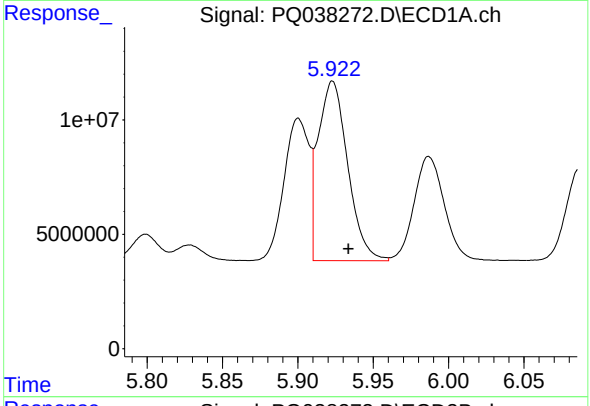
R.T.: 5.900 min
Delta R.T.: -0.010 min
Response: 72417295
Conc: 303.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



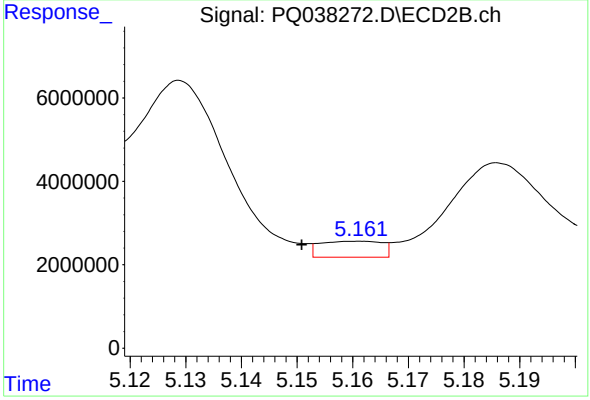
#3 AR-1016-1

R.T.: 5.129 min
Delta R.T.: -0.002 min
Response: 49907262
Conc: 467.13 ng/ml



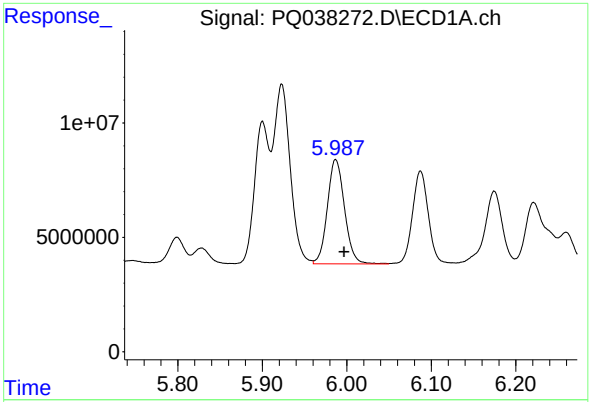
#4 AR-1016-2

R.T.: 5.923 min
Delta R.T.: -0.010 min
Response: 107085340
Conc: 294.98 ng/ml



#4 AR-1016-2

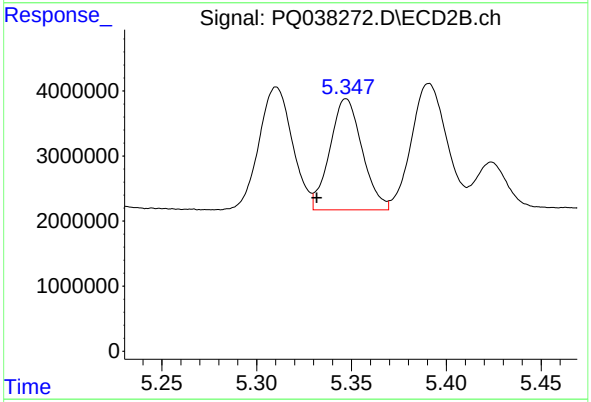
R.T.: 5.161 min
Delta R.T.: 0.010 min
Response: 2962576
Conc: 19.12 ng/ml



#5 AR-1016-3

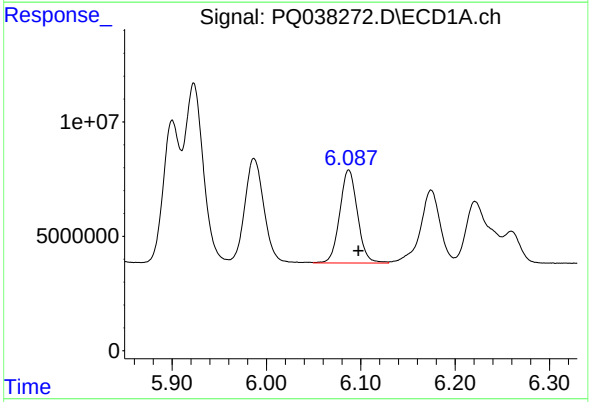
R.T.: 5.987 min
Delta R.T.: -0.010 min
Response: 64289244
Conc: 288.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



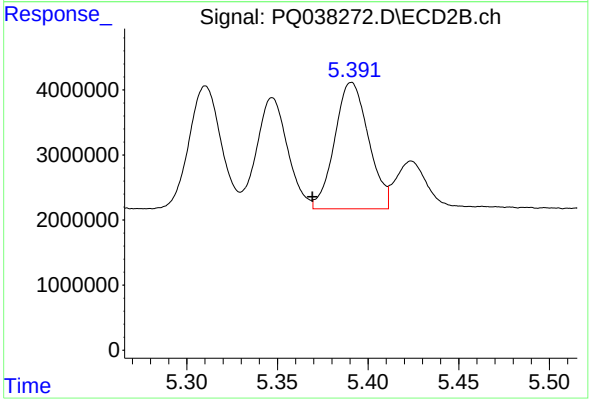
#5 AR-1016-3

R.T.: 5.347 min
Delta R.T.: 0.016 min
Response: 20267672
Conc: 252.76 ng/ml



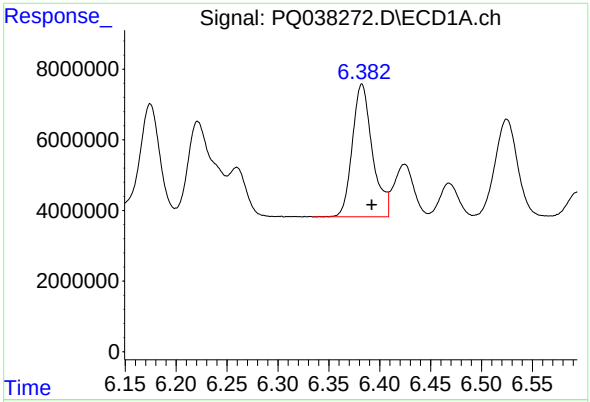
#6 AR-1016-4

R.T.: 6.087 min
Delta R.T.: -0.010 min
Response: 53060604
Conc: 287.82 ng/ml



#6 AR-1016-4

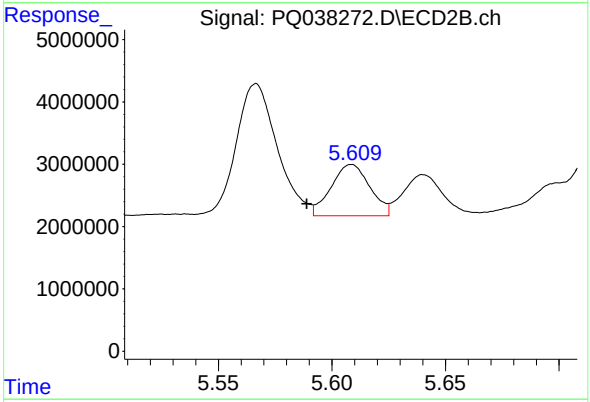
R.T.: 5.391 min
Delta R.T.: 0.021 min
Response: 25257758
Conc: 397.79 ng/ml



#7 AR-1016-5

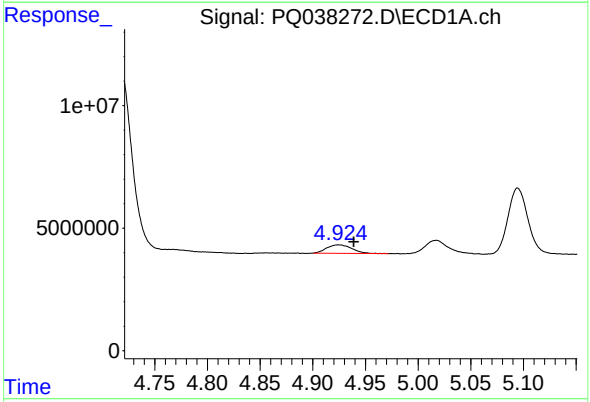
R.T.: 6.383 min
Delta R.T.: -0.010 min
Response: 51492700
Conc: 278.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



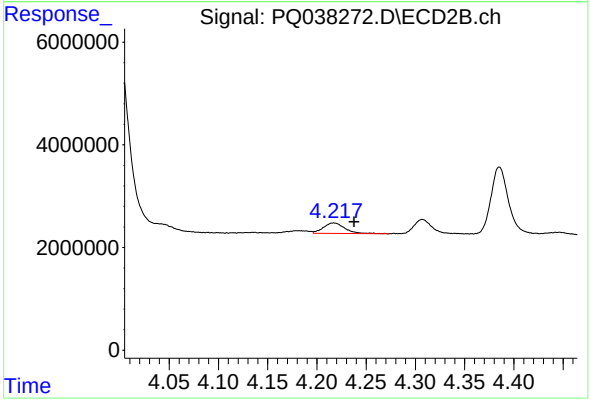
#7 AR-1016-5

R.T.: 5.609 min
Delta R.T.: 0.020 min
Response: 9758035
Conc: 111.41 ng/ml



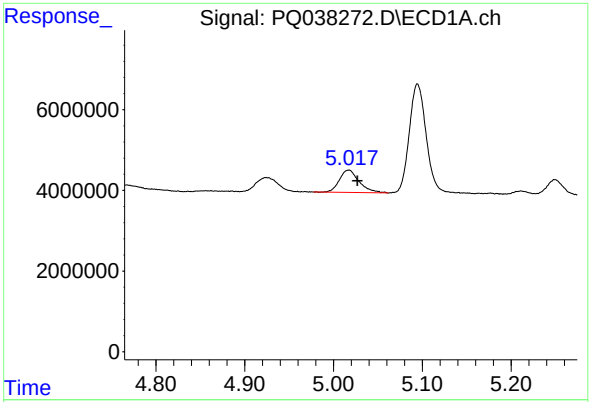
#8 AR-1221-1

R.T.: 4.924 min
Delta R.T.: -0.014 min
Response: 5756749
Conc: 107.40 ng/ml



#8 AR-1221-1

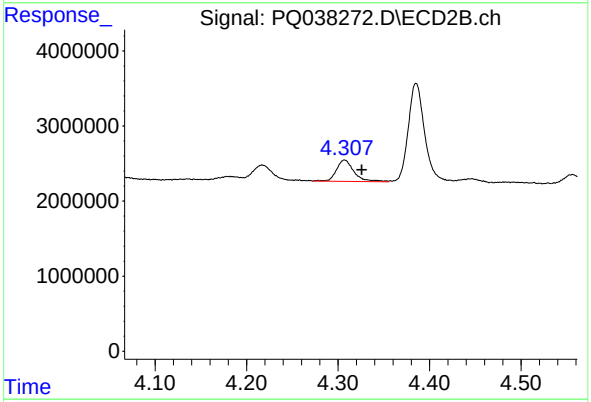
R.T.: 4.217 min
Delta R.T.: -0.021 min
Response: 3117293
Conc: 133.55 ng/ml



#9 AR-1221-2

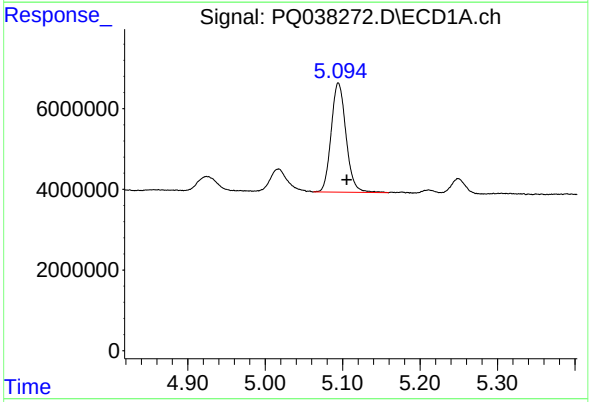
R.T.: 5.017 min
Delta R.T.: -0.010 min
Response: 8580526
Conc: 224.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



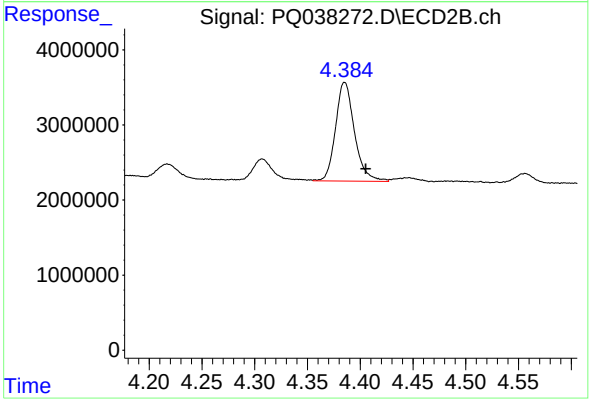
#9 AR-1221-2

R.T.: 4.307 min
Delta R.T.: -0.019 min
Response: 3767296
Conc: 226.30 ng/ml



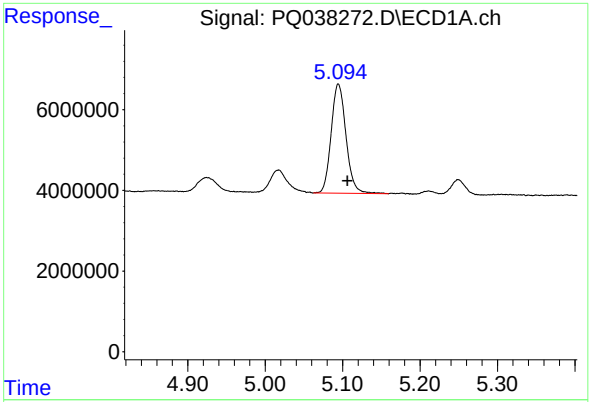
#10 AR-1221-3

R.T.: 5.095 min
Delta R.T.: -0.011 min
Response: 36112340
Conc: 276.95 ng/ml



#10 AR-1221-3

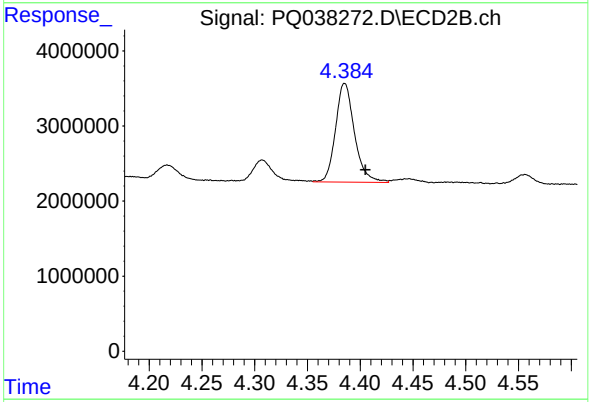
R.T.: 4.385 min
Delta R.T.: -0.020 min
Response: 16415921
Conc: 288.57 ng/ml



#11 AR-1232-1

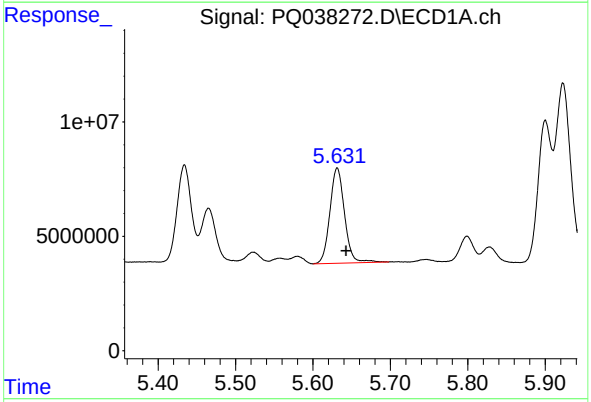
R.T.: 5.095 min
Delta R.T.: -0.012 min
Response: 36112340
Conc: 375.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



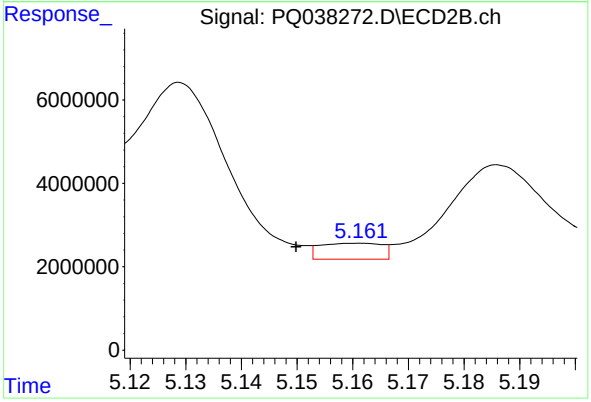
#11 AR-1232-1

R.T.: 4.385 min
Delta R.T.: -0.020 min
Response: 16415921
Conc: 401.52 ng/ml



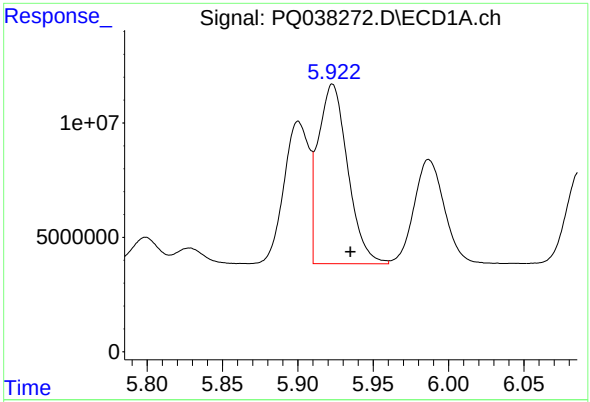
#12 AR-1232-2

R.T.: 5.631 min
Delta R.T.: -0.011 min
Response: 54697361
Conc: 1055.92 ng/ml



#12 AR-1232-2

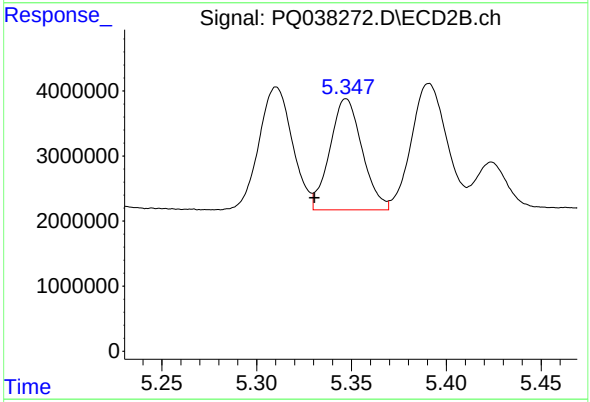
R.T.: 5.161 min
Delta R.T.: 0.011 min
Response: 2962576
Conc: 66.38 ng/ml



#13 AR-1232-3

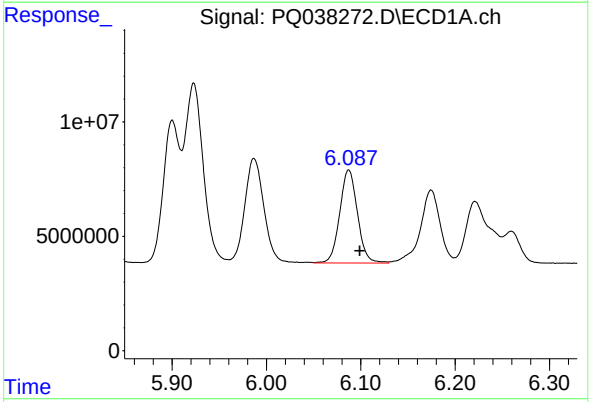
R.T.: 5.923 min
Delta R.T.: -0.012 min
Response: 107085340
Conc: 1008.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



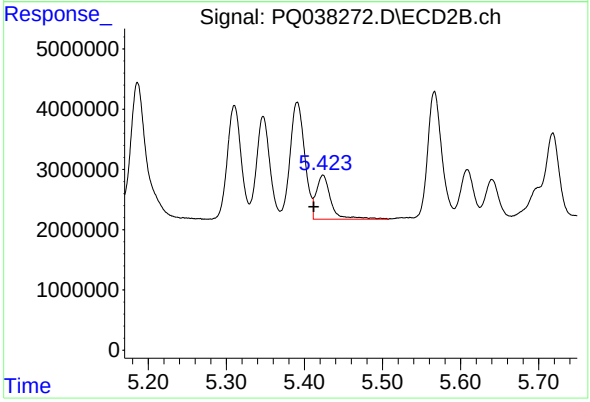
#13 AR-1232-3

R.T.: 5.347 min
Delta R.T.: 0.017 min
Response: 20267672
Conc: 842.35 ng/ml



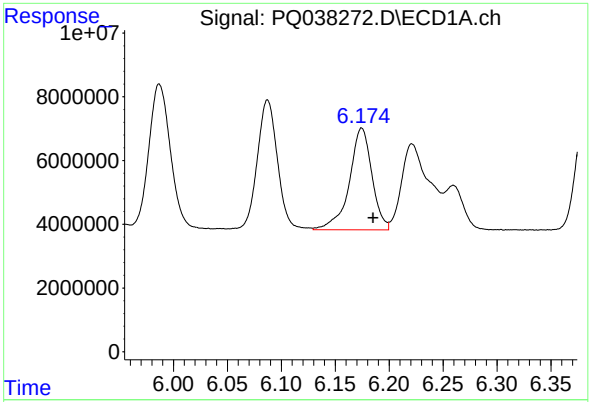
#14 AR-1232-4

R.T.: 6.087 min
Delta R.T.: -0.012 min
Response: 53060604
Conc: 1001.32 ng/ml



#14 AR-1232-4

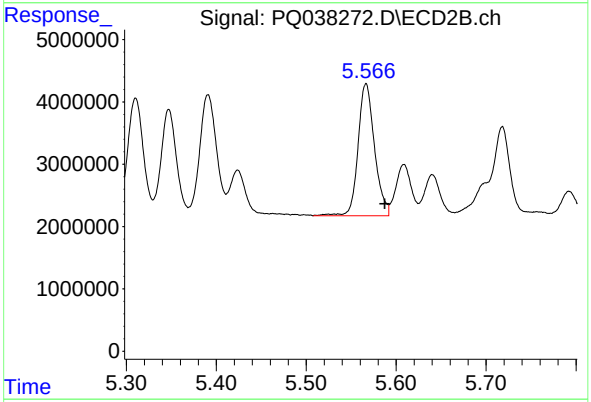
R.T.: 5.424 min
Delta R.T.: 0.012 min
Response: 9553419
Conc: 422.99 ng/ml



#15 AR-1232-5

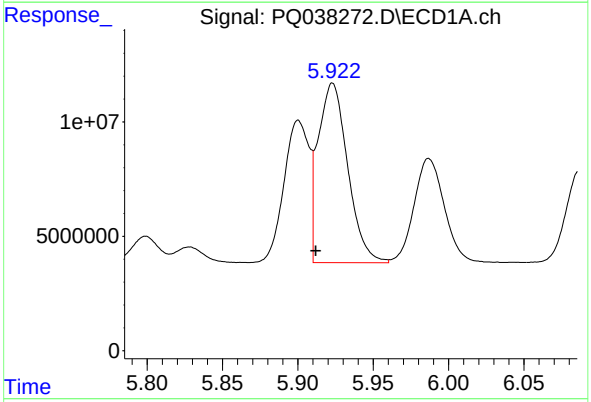
R.T.: 6.175 min
Delta R.T.: -0.011 min
Response: 46631646
Conc: 1146.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



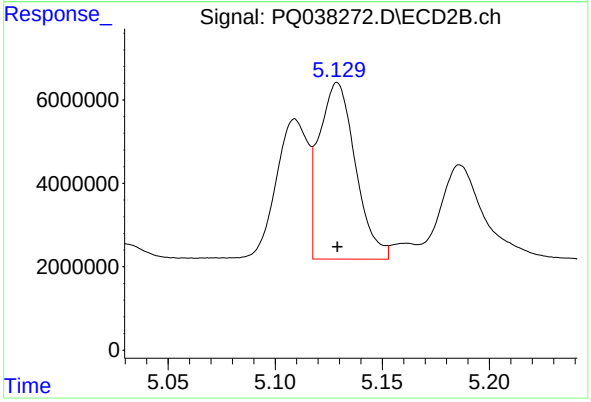
#15 AR-1232-5

R.T.: 5.567 min
Delta R.T.: -0.021 min
Response: 26943279
Conc: 1113.16 ng/ml



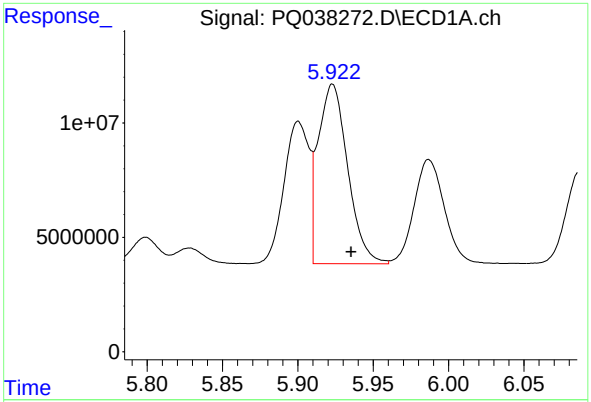
#16 AR-1242-1

R.T.: 5.923 min
Delta R.T.: 0.011 min
Response: 107085340
Conc: 699.63 ng/ml



#16 AR-1242-1

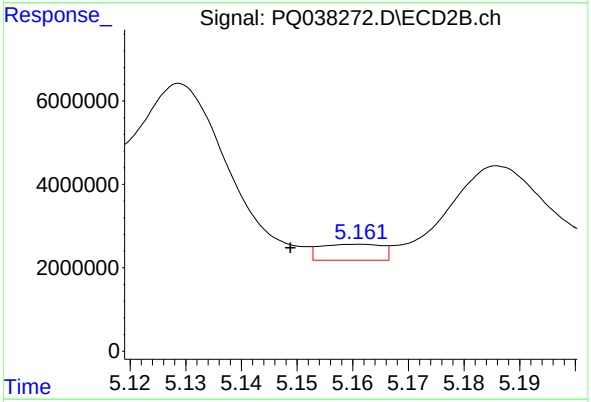
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 49907262
Conc: 708.76 ng/ml



#17 AR-1242-2

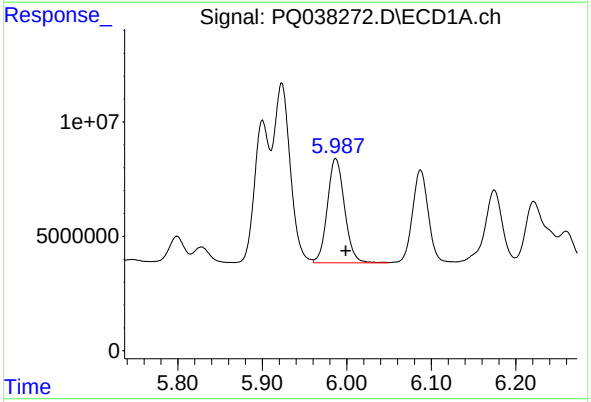
R.T.: 5.923 min
Delta R.T.: -0.012 min
Response: 107085340
Conc: 468.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



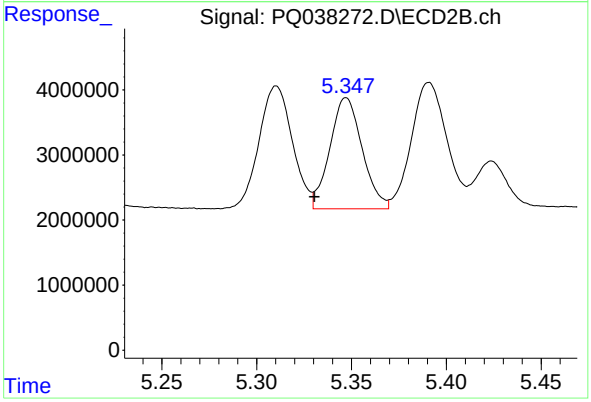
#17 AR-1242-2

R.T.: 5.161 min
Delta R.T.: 0.012 min
Response: 2962576
Conc: 29.40 ng/ml



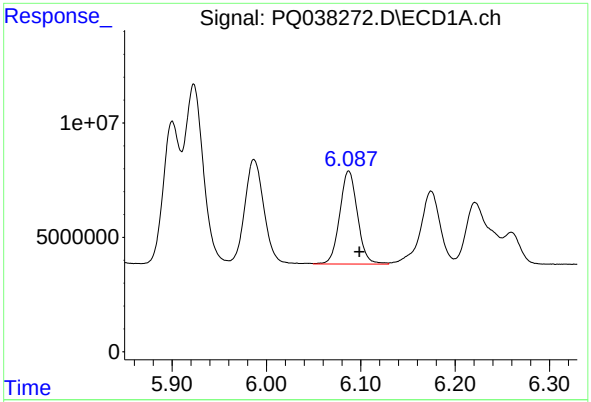
#18 AR-1242-3

R.T.: 5.987 min
Delta R.T.: -0.012 min
Response: 64289244
Conc: 447.90 ng/ml



#18 AR-1242-3

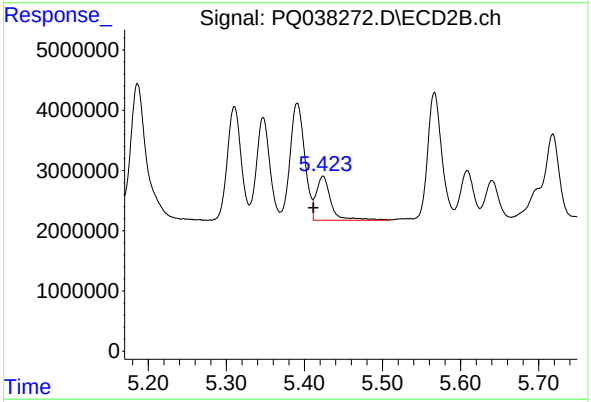
R.T.: 5.347 min
Delta R.T.: 0.017 min
Response: 20267672
Conc: 378.59 ng/ml



#19 AR-1242-4

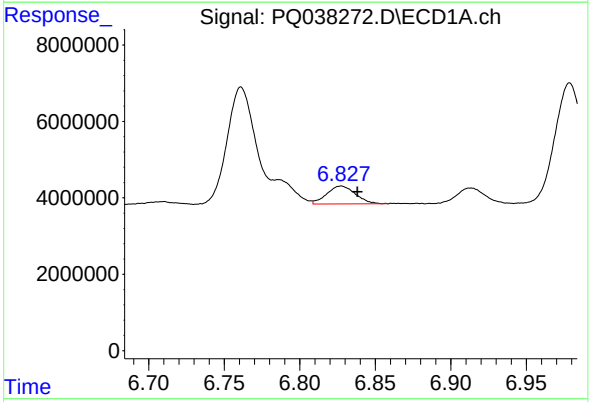
R.T.: 6.087 min
Delta R.T.: -0.011 min
Response: 53060604
Conc: 460.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



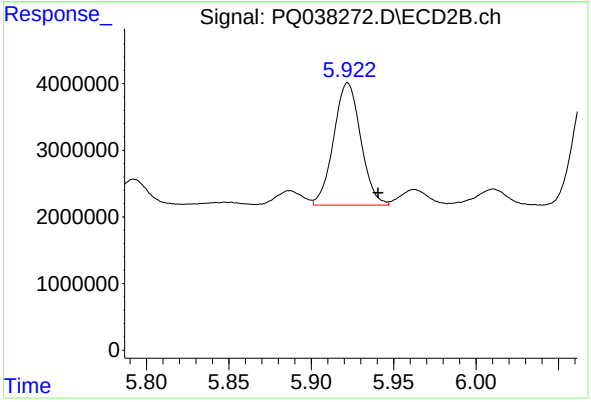
#19 AR-1242-4

R.T.: 5.424 min
Delta R.T.: 0.012 min
Response: 9553419
Conc: 176.00 ng/ml



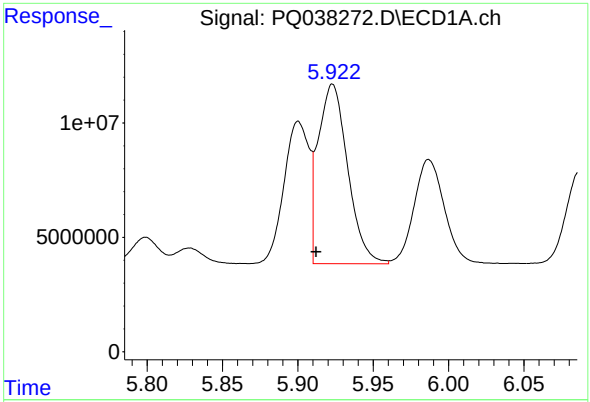
#20 AR-1242-5

R.T.: 6.827 min
Delta R.T.: -0.011 min
Response: 6214471
Conc: 46.79 ng/ml



#20 AR-1242-5

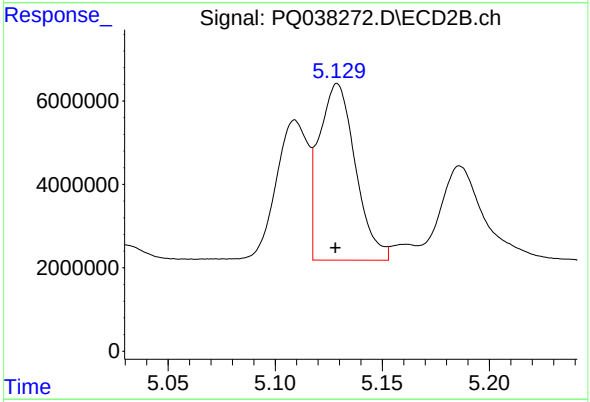
R.T.: 5.922 min
Delta R.T.: -0.018 min
Response: 21004349
Conc: 285.74 ng/ml



#21 AR-1248-1

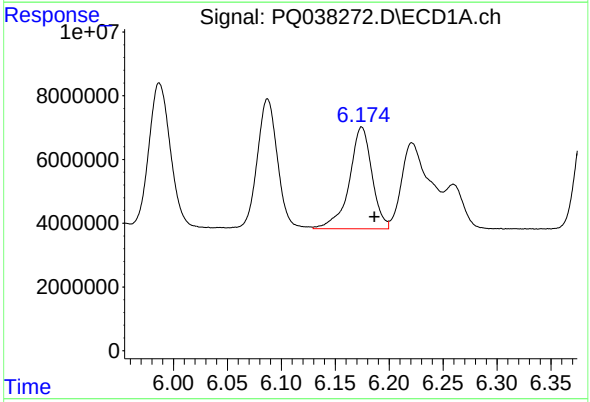
R.T.: 5.923 min
Delta R.T.: 0.011 min
Response: 107085340
Conc: 995.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



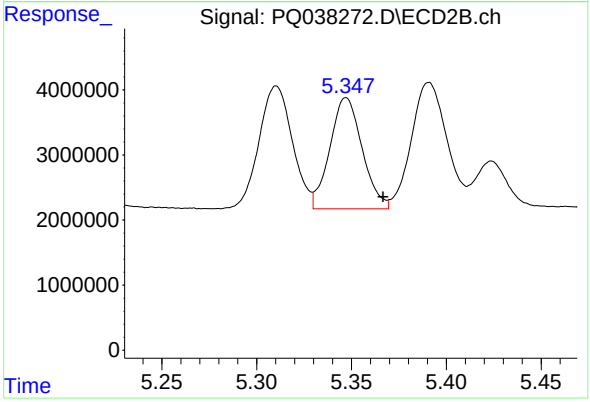
#21 AR-1248-1

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 49907262
Conc: 994.55 ng/ml



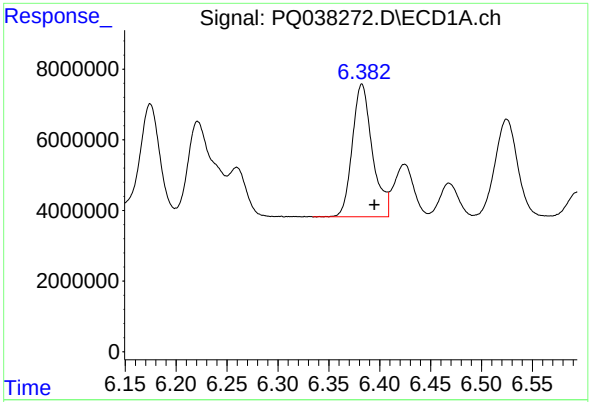
#22 AR-1248-2

R.T.: 6.175 min
Delta R.T.: -0.012 min
Response: 46631646
Conc: 286.05 ng/ml



#22 AR-1248-2

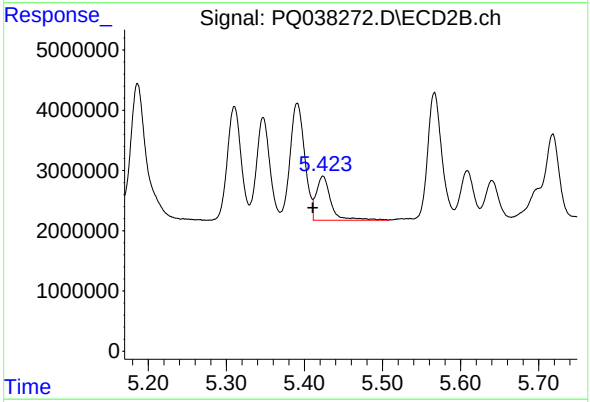
R.T.: 5.347 min
Delta R.T.: -0.019 min
Response: 20267672
Conc: 284.42 ng/ml



#23 AR-1248-3

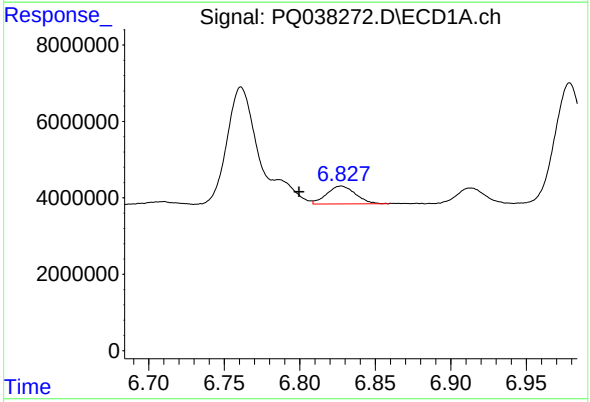
R.T.: 6.383 min
Delta R.T.: -0.012 min
Response: 51492700
Conc: 281.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



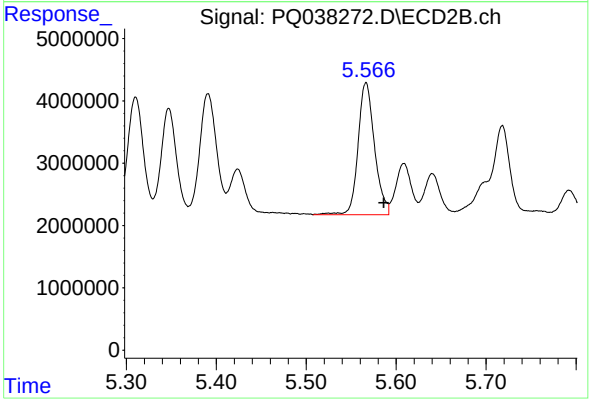
#23 AR-1248-3

R.T.: 5.424 min
Delta R.T.: 0.013 min
Response: 9553419
Conc: 130.42 ng/ml



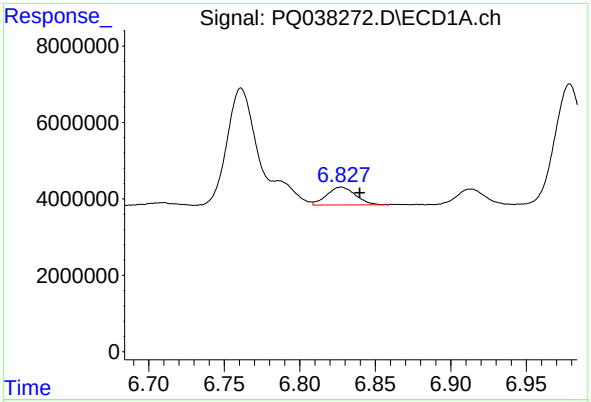
#24 AR-1248-4

R.T.: 6.827 min
Delta R.T.: 0.028 min
Response: 6214471
Conc: 29.64 ng/ml



#24 AR-1248-4

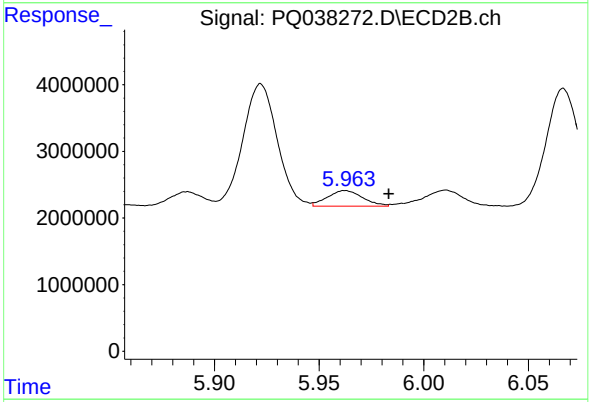
R.T.: 5.567 min
Delta R.T.: -0.020 min
Response: 26943279
Conc: 297.97 ng/ml



#25 AR-1248-5

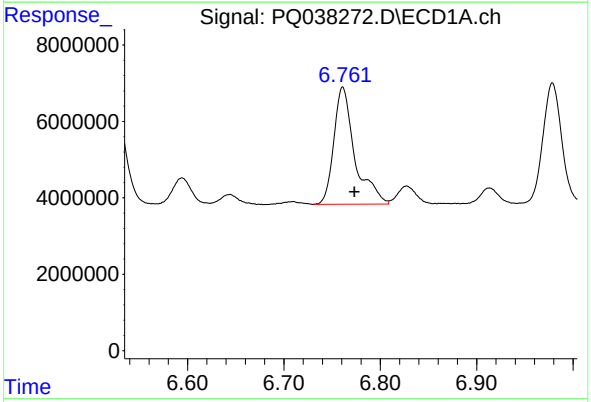
R.T.: 6.827 min
Delta R.T.: -0.012 min
Response: 6214471
Conc: 30.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



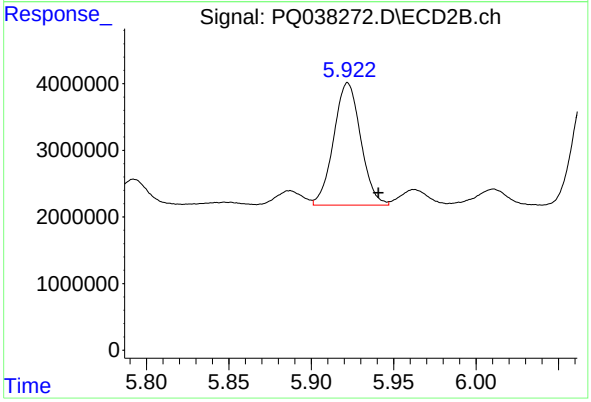
#25 AR-1248-5

R.T.: 5.962 min
Delta R.T.: -0.021 min
Response: 2752534
Conc: 30.68 ng/ml



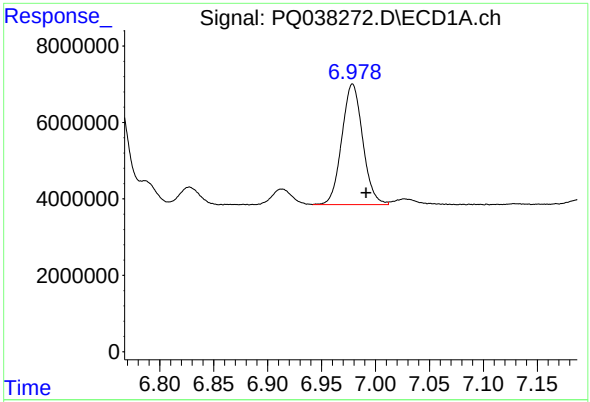
#26 AR-1254-1

R.T.: 6.761 min
Delta R.T.: -0.012 min
Response: 46275545
Conc: 192.71 ng/ml



#26 AR-1254-1

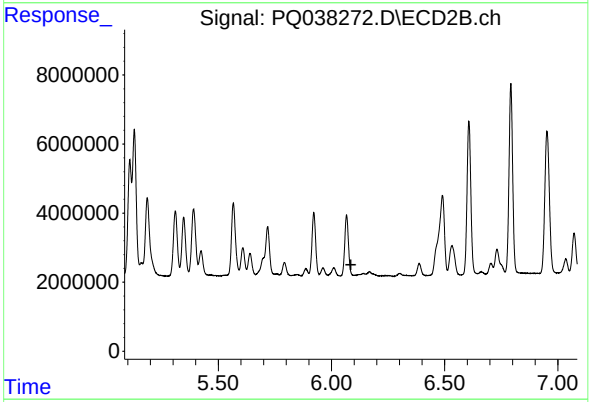
R.T.: 5.922 min
Delta R.T.: -0.019 min
Response: 21004349
Conc: 130.64 ng/ml



#27 AR-1254-2

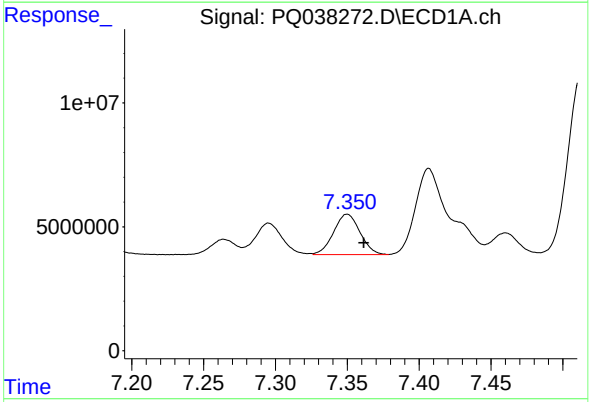
R.T.: 6.979 min
Delta R.T.: -0.013 min
Response: 42612160
Conc: 112.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



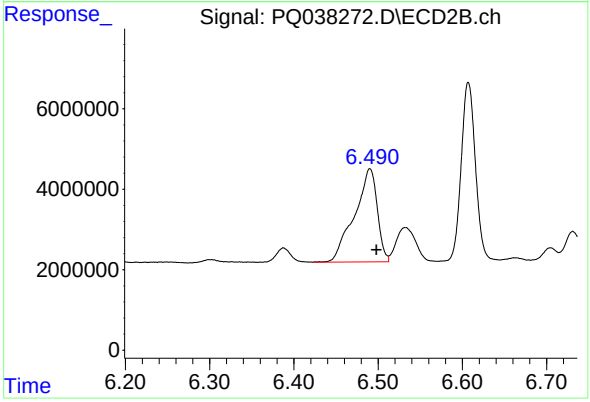
#27 AR-1254-2

R.T.: 6.142 min
Delta R.T.: 0.056 min
Response: -3093025
Conc: N.D.



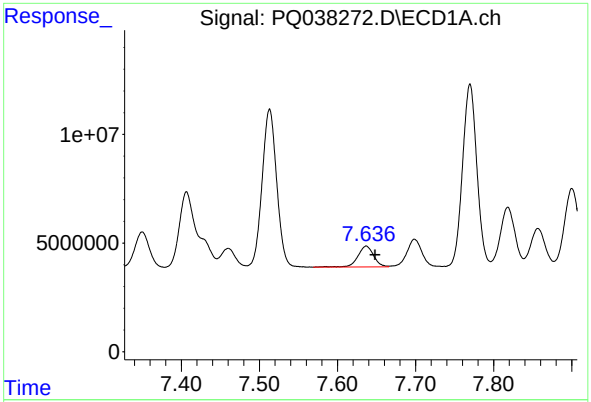
#28 AR-1254-3

R.T.: 7.350 min
Delta R.T.: -0.011 min
Response: 20801164
Conc: 51.24 ng/ml



#28 AR-1254-3

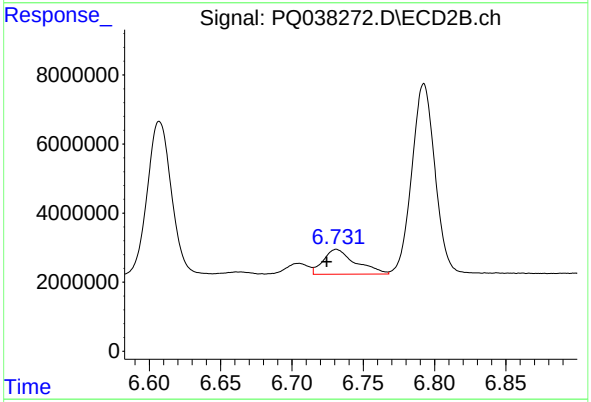
R.T.: 6.490 min
Delta R.T.: -0.008 min
Response: 43462522
Conc: 180.77 ng/ml



#29 AR-1254-4

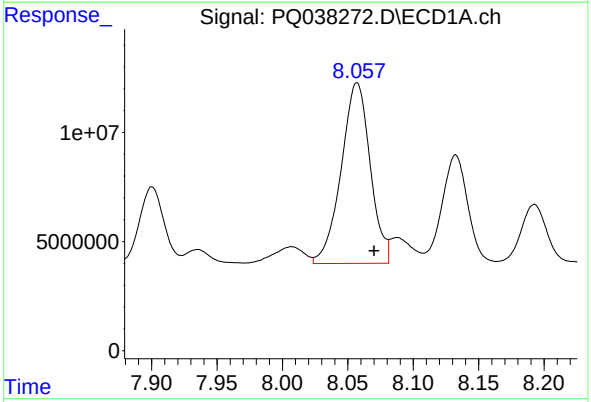
R.T.: 7.637 min
Delta R.T.: -0.011 min
Response: 13497191
Conc: 47.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



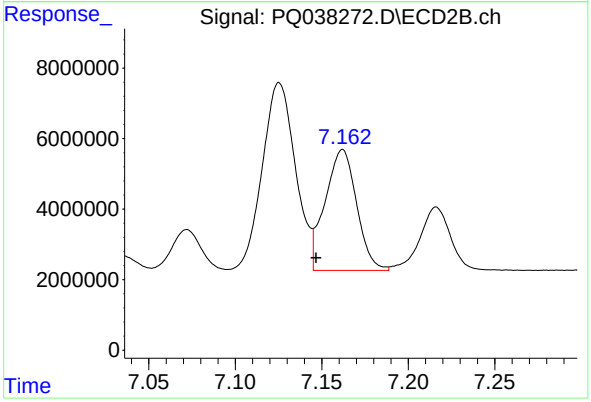
#29 AR-1254-4

R.T.: 6.731 min
Delta R.T.: 0.007 min
Response: 11371589
Conc: 73.38 ng/ml



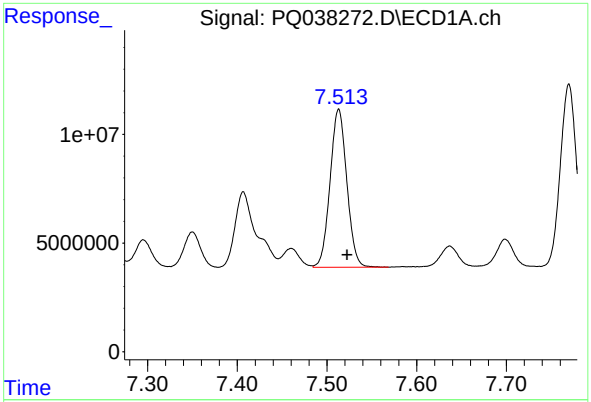
#30 AR-1254-5

R.T.: 8.057 min
Delta R.T.: -0.013 min
Response: 127777117
Conc: 395.86 ng/ml



#30 AR-1254-5

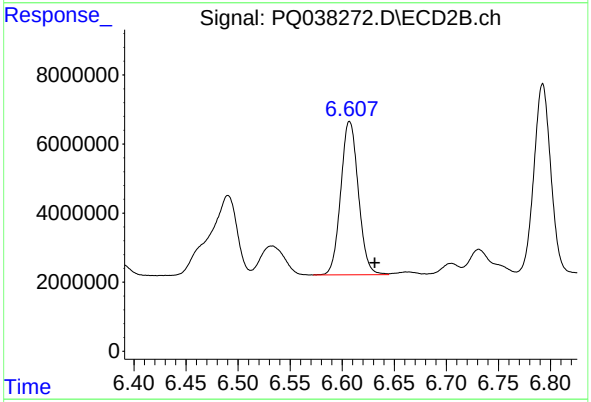
R.T.: 7.162 min
Delta R.T.: 0.015 min
Response: 43452604
Conc: 214.34 ng/ml



#31 AR-1260-1

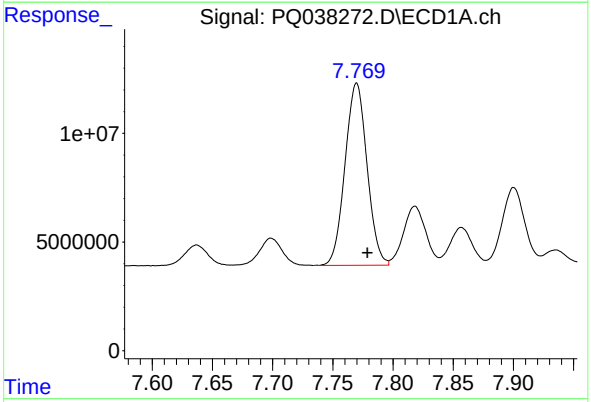
R.T.: 7.513 min
Delta R.T.: -0.009 min
Response: 94387054
Conc: 221.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



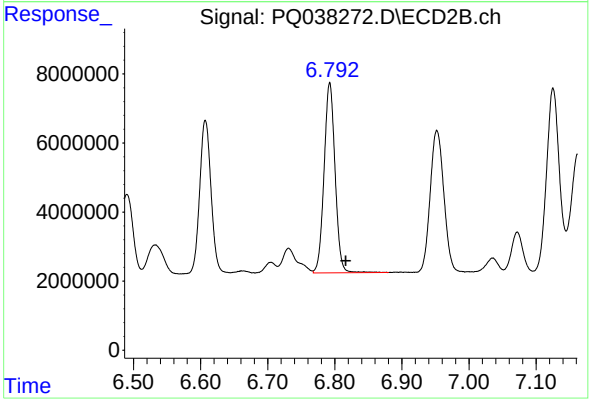
#31 AR-1260-1

R.T.: 6.607 min
Delta R.T.: -0.024 min
Response: 52335981
Conc: 255.98 ng/ml



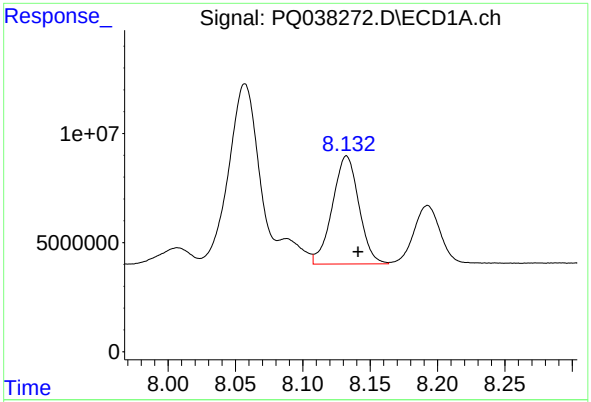
#32 AR-1260-2

R.T.: 7.770 min
Delta R.T.: -0.009 min
Response: 106666083
Conc: 207.78 ng/ml



#32 AR-1260-2

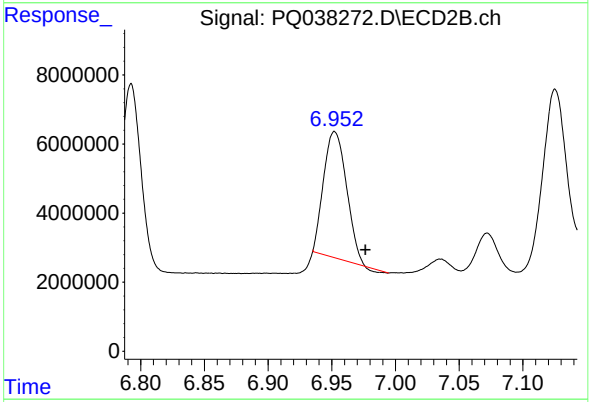
R.T.: 6.793 min
Delta R.T.: -0.024 min
Response: 62701189
Conc: 244.78 ng/ml



#33 AR-1260-3

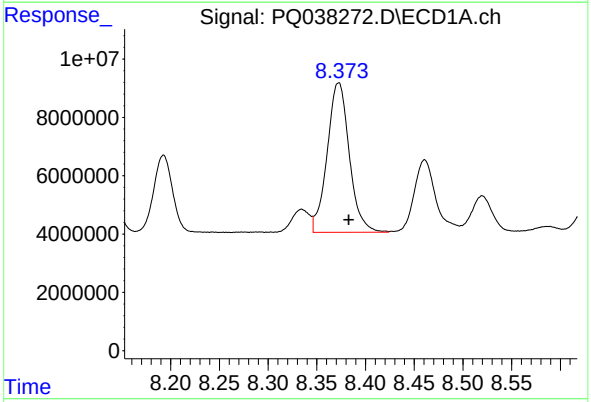
R.T.: 8.132 min
Delta R.T.: -0.009 min
Response: 67789805
Conc: 175.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



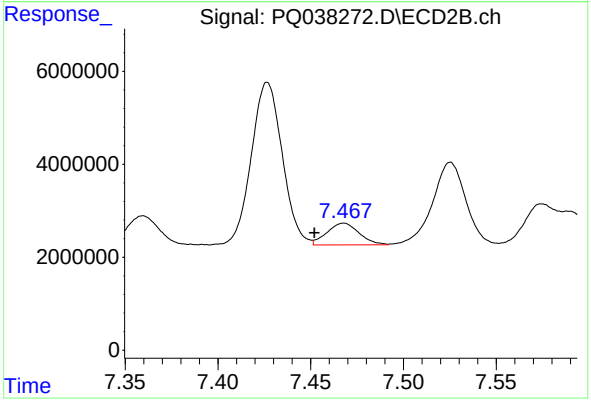
#33 AR-1260-3

R.T.: 6.952 min
Delta R.T.: -0.024 min
Response: 45382497
Conc: 189.71 ng/ml



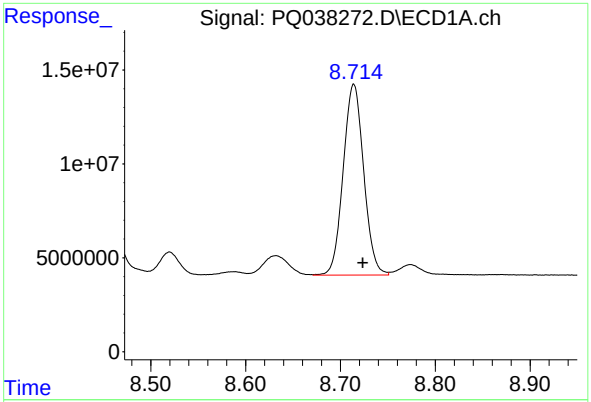
#34 AR-1260-4

R.T.: 8.372 min
Delta R.T.: -0.010 min
Response: 81003997
Conc: 177.59 ng/ml



#34 AR-1260-4

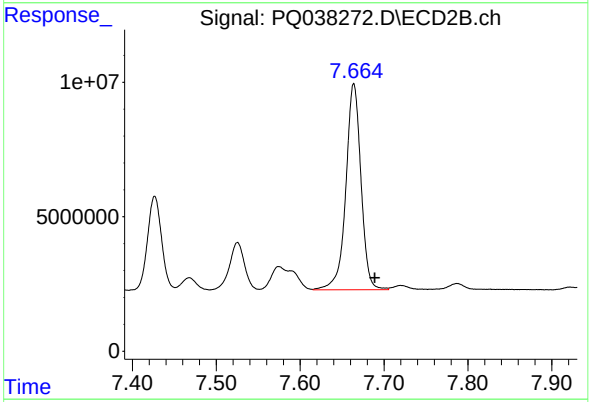
R.T.: 7.468 min
Delta R.T.: 0.016 min
Response: 5623123
Conc: 28.41 ng/ml



#35 AR-1260-5

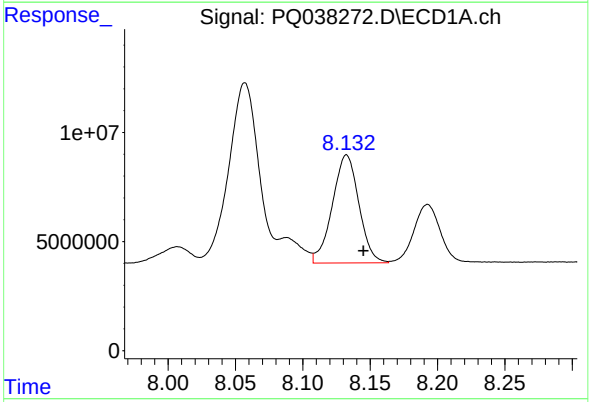
R.T.: 8.714 min
Delta R.T.: -0.009 min
Response: 152522816
Conc: 161.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



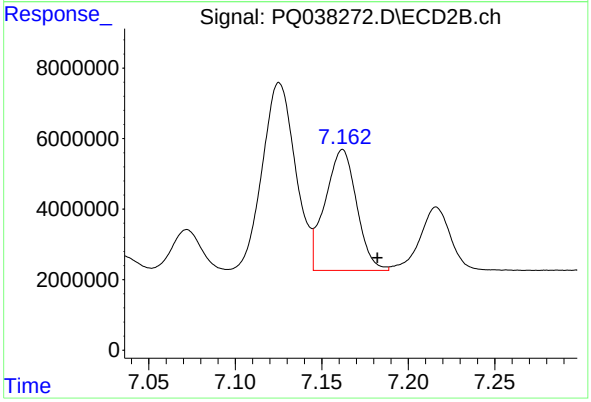
#35 AR-1260-5

R.T.: 7.664 min
Delta R.T.: -0.025 min
Response: 96149049
Conc: 195.55 ng/ml



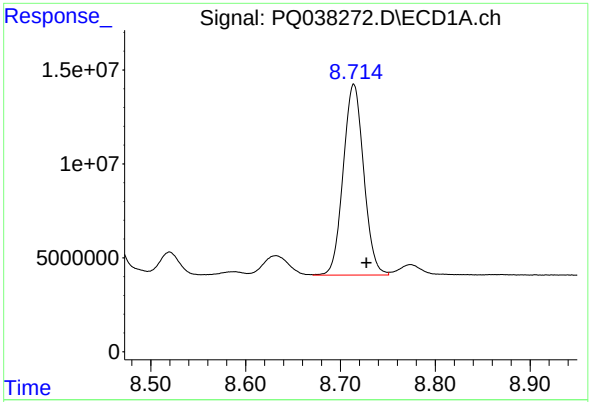
#36 AR-1262-1

R.T.: 8.132 min
Delta R.T.: -0.013 min
Response: 67789805
Conc: 171.02 ng/ml



#36 AR-1262-1

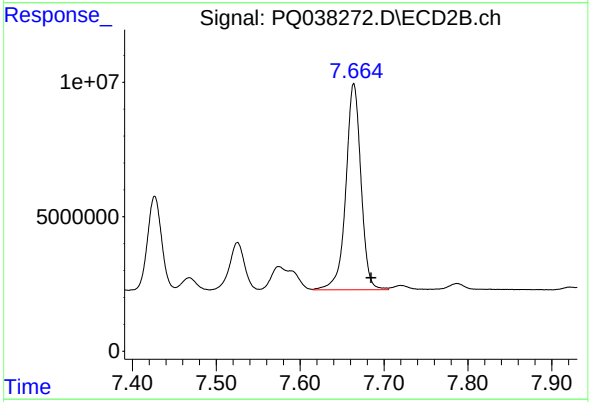
R.T.: 7.162 min
Delta R.T.: -0.020 min
Response: 43452604
Conc: 201.80 ng/ml



#37 AR-1262-2

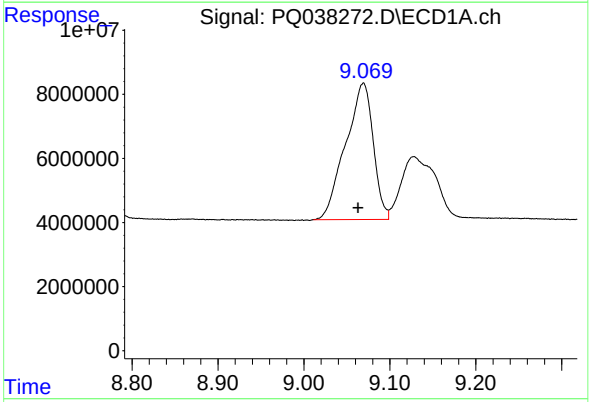
R.T.: 8.714 min
Delta R.T.: -0.013 min
Response: 152522816
Conc: 213.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



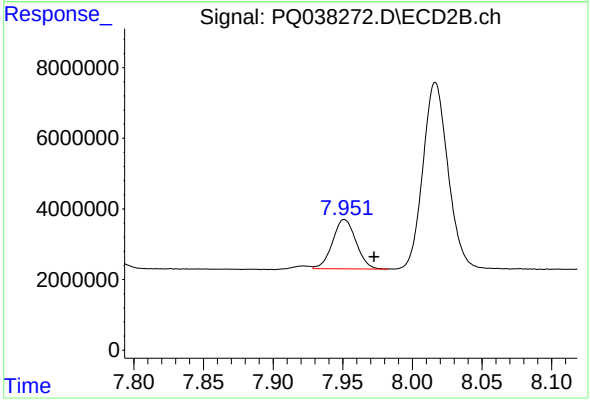
#37 AR-1262-2

R.T.: 7.664 min
Delta R.T.: -0.021 min
Response: 96149049
Conc: 246.79 ng/ml



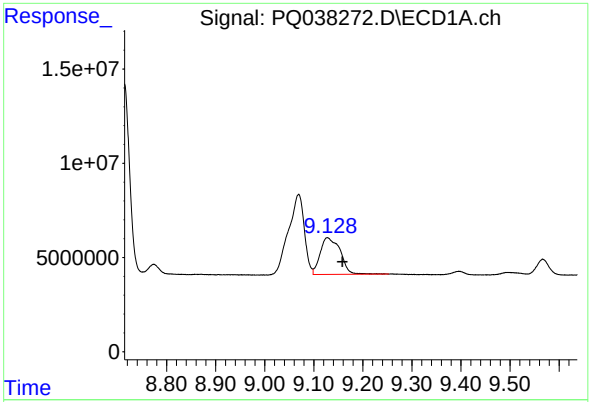
#38 AR-1262-3

R.T.: 9.069 min
Delta R.T.: 0.006 min
Response: 95132848
Conc: 198.75 ng/ml



#38 AR-1262-3

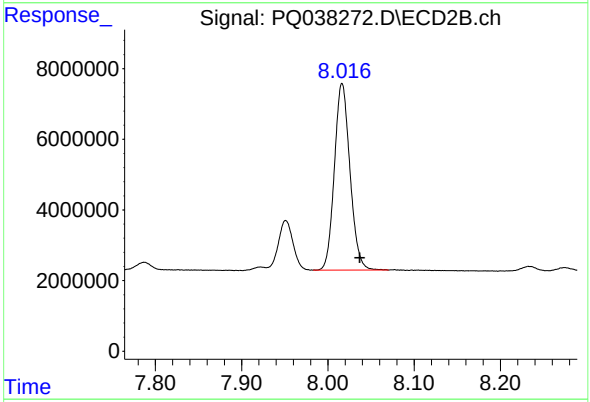
R.T.: 7.951 min
Delta R.T.: -0.021 min
Response: 16417530
Conc: 110.27 ng/ml



#39 AR-1262-4

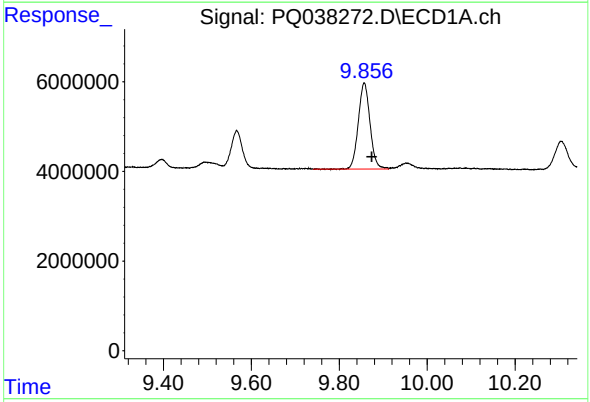
R.T.: 9.128 min
Delta R.T.: -0.031 min
Response: 55326744
Conc: 146.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



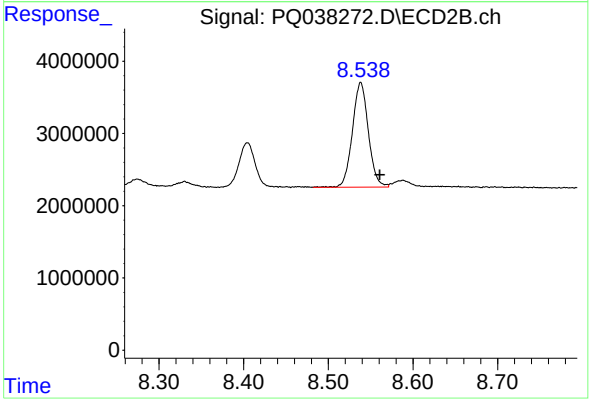
#39 AR-1262-4

R.T.: 8.017 min
Delta R.T.: -0.020 min
Response: 66354710
Conc: 232.79 ng/ml



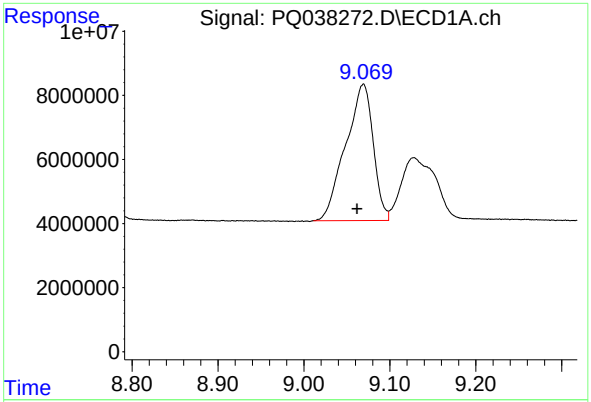
#40 AR-1262-5

R.T.: 9.857 min
Delta R.T.: -0.017 min
Response: 35542670
Conc: 144.62 ng/ml



#40 AR-1262-5

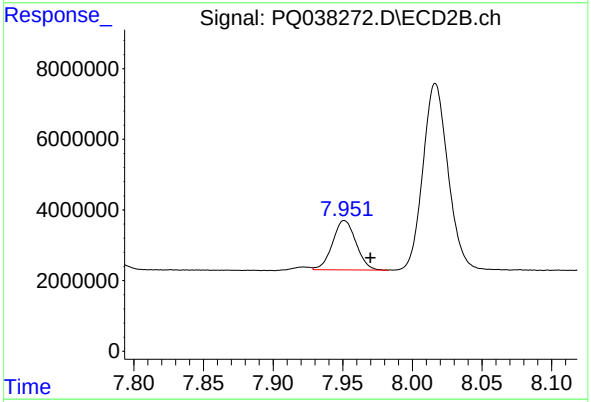
R.T.: 8.538 min
Delta R.T.: -0.022 min
Response: 18993379
Conc: 160.70 ng/ml



#41 AR-1268-1

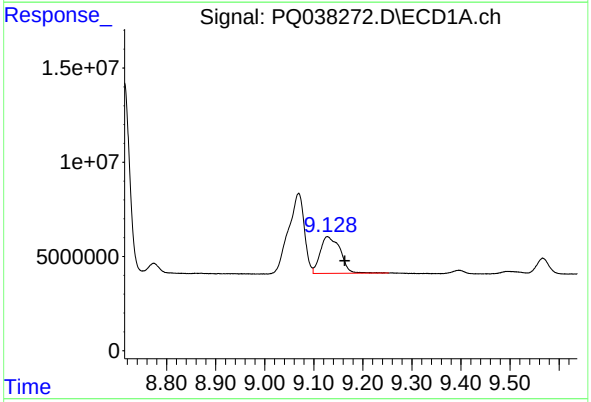
R.T.: 9.069 min
Delta R.T.: 0.007 min
Response: 95132848
Conc: 60.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



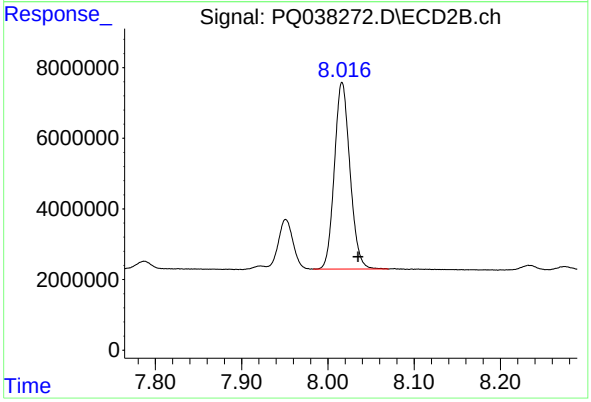
#41 AR-1268-1

R.T.: 7.951 min
Delta R.T.: -0.019 min
Response: 16417530
Conc: 20.50 ng/ml



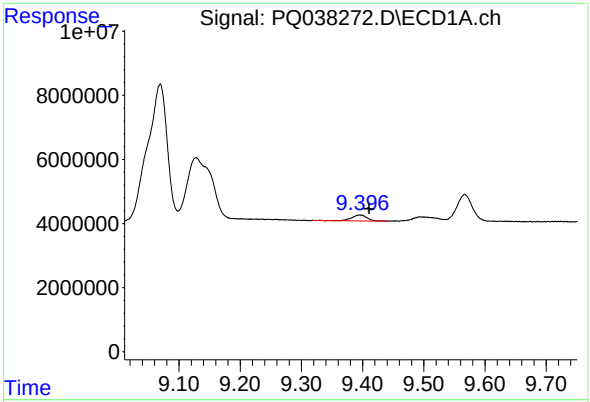
#42 AR-1268-2

R.T.: 9.128 min
Delta R.T.: -0.035 min
Response: 55326744
Conc: 38.07 ng/ml



#42 AR-1268-2

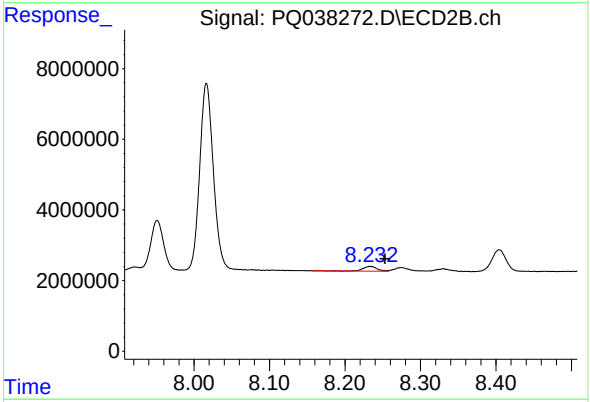
R.T.: 8.017 min
Delta R.T.: -0.018 min
Response: 66354710
Conc: 91.42 ng/ml



#43 AR-1268-3

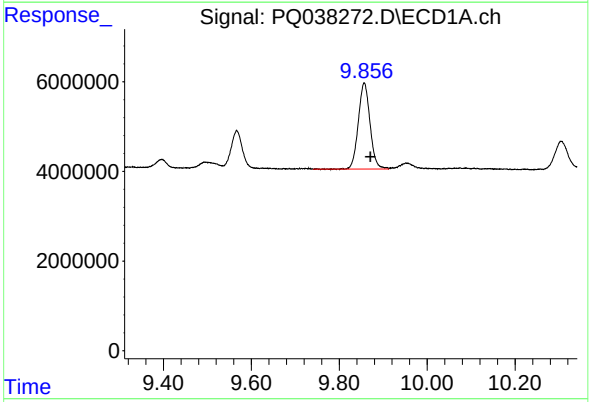
R.T.: 9.396 min
Delta R.T.: -0.014 min
Response: 3188008
Conc: 2.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



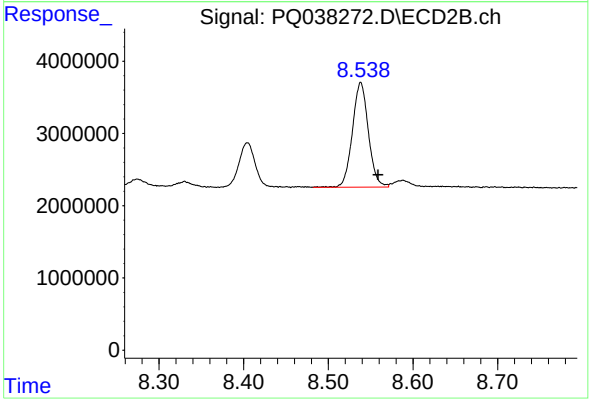
#43 AR-1268-3

R.T.: 8.233 min
Delta R.T.: -0.020 min
Response: 1652961
Conc: 2.63 ng/ml



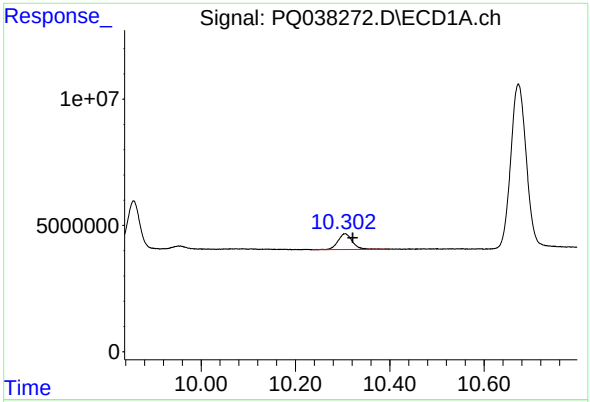
#44 AR-1268-4

R.T.: 9.857 min
Delta R.T.: -0.014 min
Response: 35542670
Conc: 74.41 ng/ml



#44 AR-1268-4

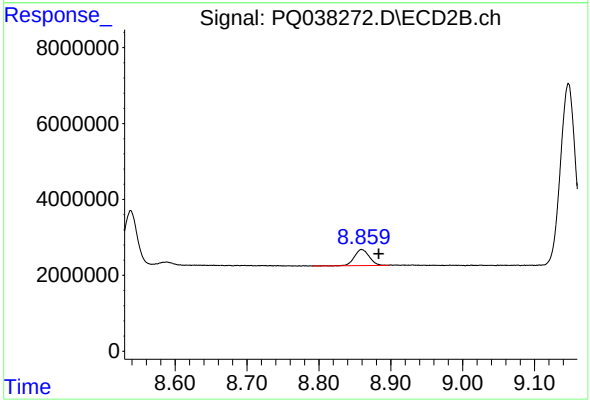
R.T.: 8.538 min
Delta R.T.: -0.021 min
Response: 18993379
Conc: 80.67 ng/ml



#45 AR-1268-5

R.T.: 10.305 min
Delta R.T.: -0.016 min
Response: 13491207
Conc: 3.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.859 min
Delta R.T.: -0.024 min
Response: 6096958
Conc: 3.17 ng/ml