

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111618\
 Data File : PQ034609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2018 09:44 am
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 11:23:33 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 09 08:12:53 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.542	3.823	153.0E6	104.9E6	52.179	54.953
2)	SA Decachlor...	10.335	8.850	118.4E6	88317233	46.138	44.942
Target Compounds							
3)	L1 AR-1016-1	5.738	4.930	70757145	44779217	746.526	633.937
4)	L1 AR-1016-2	5.738	4.930	70757145	44779217	501.268	444.192
5)	L1 AR-1016-3	5.801	5.108	42366835	22366691	498.592	435.539
6)	L1 AR-1016-4	5.901	5.147	25862864	18451831	380.958	448.355
7)	L1 AR-1016-5	6.193	5.362	21852632	23856644	309.790	447.317 #
8)	L2 AR-1221-1	4.748	4.035	3875766	2267454	135.325	108.190
9)	L2 AR-1221-2	4.840	4.123	5843757	4592031	274.245	296.862
10)	L2 AR-1221-3	4.917	4.199	20920192	16935269	307.924	331.793
11)	L3 AR-1232-1	4.917	4.199	20920192	16935269	405.900	447.584
12)	L3 AR-1232-2	5.448	4.930	34499371	44779217	1228.213	1126.690
13)	L3 AR-1232-3	5.738	5.108	70757145	22366691	1245.095	1087.143
14)	L3 AR-1232-4	5.901	5.189	25862864	23331489	926.168	1259.095 #
15)	L3 AR-1232-5	5.987	5.362	29782815	23856644	1483.888	1180.523
16)	L4 AR-1242-1	5.738	4.930	70757145	44779217	900.270	810.225
17)	L4 AR-1242-2	5.738	4.930	70757145	44779217	605.229	560.048
18)	L4 AR-1242-3	5.801	5.108	42366835	22366691	598.939	541.807
19)	L4 AR-1242-4	5.901	5.189	25862864	23331489	450.508	579.749 #
20)	L4 AR-1242-5	6.636	5.713	7936932	29644543	122.796	567.750 #
21)	L5 AR-1248-1	5.738	4.930	70757145	44779217	1090.026	965.794
22)	L5 AR-1248-2	5.987	5.147	29782815	18451831	319.486	294.119
23)	L5 AR-1248-3	6.193	5.189	21852632	23331489	204.738	360.695 #
24)	L5 AR-1248-4	6.597	5.362	9443304	23856644	77.708	299.377 #
25)	L5 AR-1248-5	6.636	5.753	7936932	6460012	67.923	80.309
26)	L6 AR-1254-1	6.570	5.713	31893532	29644543	282.196	256.393
27)	L6 AR-1254-2	6.786	5.858	32964305	22736318	183.811	227.225
28)	L6 AR-1254-3	7.157	6.275	18130107	46665635	93.254	270.051 #
29)	L6 AR-1254-4	7.441	6.491	12134459	5894970	84.791	54.085 #
30)	L6 AR-1254-5	7.860	6.907	102.5E6	78405932	651.058	516.689
31)	L7 AR-1260-1	7.317	6.391	67303558	53120713	488.135	461.560
32)	L7 AR-1260-2	7.573	6.578	80958143	65583751	470.370	461.913
33)	L7 AR-1260-3	7.932	6.733	49015681	59587674	481.202	452.287
34)	L7 AR-1260-4	8.162	7.202	63109776	41393123	485.778	456.175
35)	L7 AR-1260-5	8.490	7.443	120.2E6	106.6E6	481.802	458.557
36)	L8 AR-1262-1	7.932	6.941	49015681	44150828	266.086	294.035
37)	L8 AR-1262-2	8.490	7.443	120.2E6	106.6E6	353.275	369.824
38)	L8 AR-1262-3	8.828	7.724	71772454	17751917	323.123	166.178 #
39)	L8 AR-1262-4	8.883	7.790	39187613	75218638	464.872	367.329
40)	L8 AR-1262-5	9.574	8.291	8770118	19911058	77.127	218.433 #
41)	L9 AR-1268-1	8.828	7.724	71772454	17751917	162.875	49.874 #

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 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

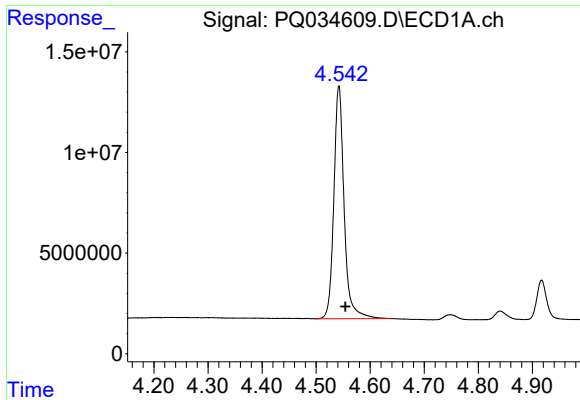
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 11:23:33 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110618.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	8.883	7.790	39187613	75218638	98.690	235.429 #
44) L9	AR-1268-4	9.574	8.291	8770118	19911058	64.055	179.099 #
45) L9	AR-1268-5	9.994	8.591	5945213	5072779	5.217	5.863

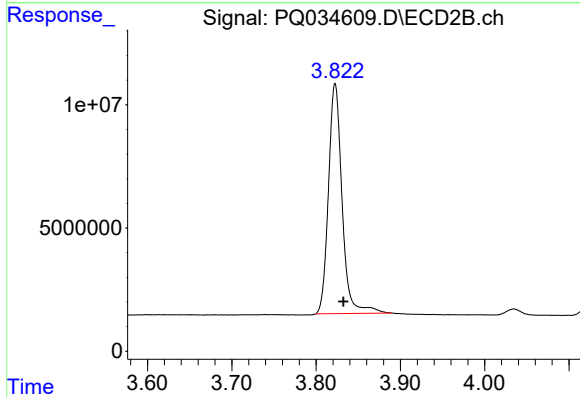
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

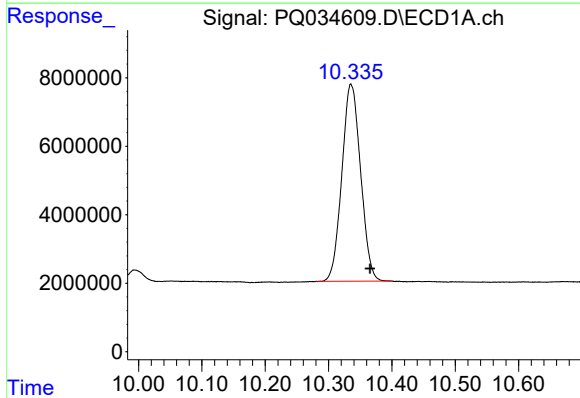
R.T.: 4.542 min
Delta R.T.: -0.012 min
Response: 152953840
Conc: 52.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



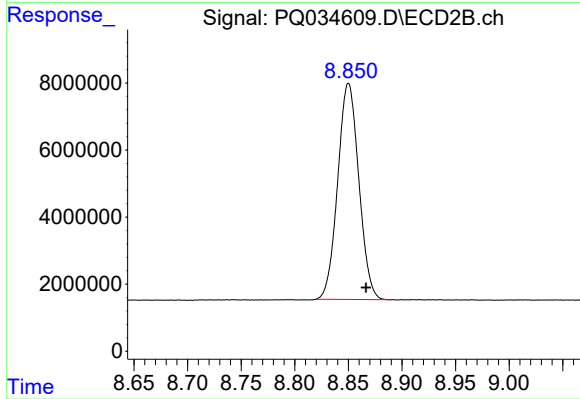
#1 Tetrachloro-m-xylene

R.T.: 3.823 min
Delta R.T.: -0.010 min
Response: 104886804
Conc: 54.95 ng/ml



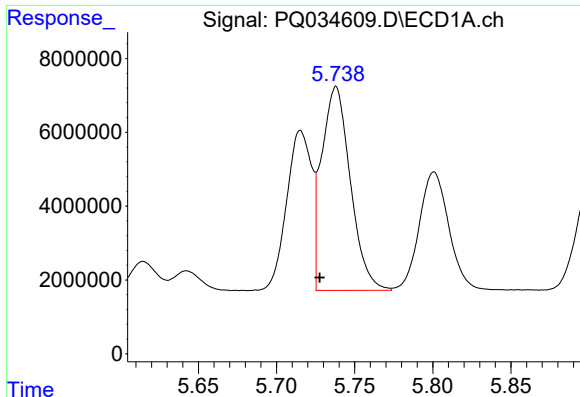
#2 Decachlorobiphenyl

R.T.: 10.335 min
Delta R.T.: -0.030 min
Response: 118436977
Conc: 46.14 ng/ml



#2 Decachlorobiphenyl

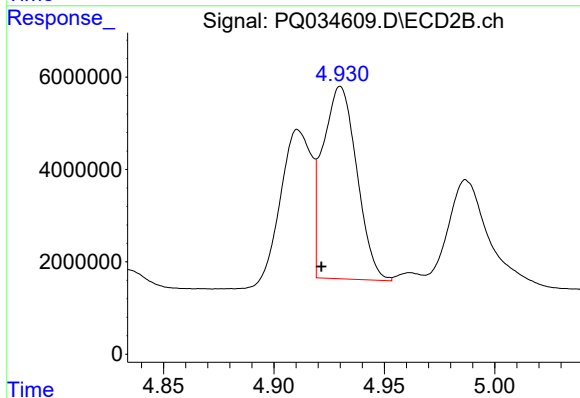
R.T.: 8.850 min
Delta R.T.: -0.017 min
Response: 88317233
Conc: 44.94 ng/ml



#3 AR-1016-1

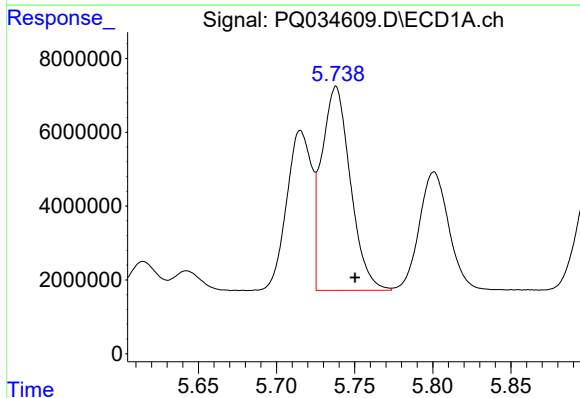
R.T.: 5.738 min
Delta R.T.: 0.011 min
Response: 70757145
Conc: 746.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



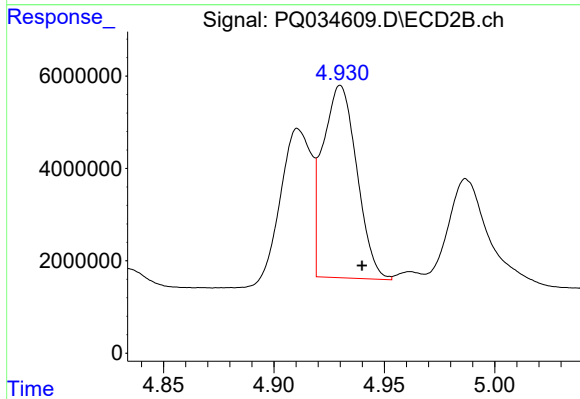
#3 AR-1016-1

R.T.: 4.930 min
Delta R.T.: 0.009 min
Response: 44779217
Conc: 633.94 ng/ml



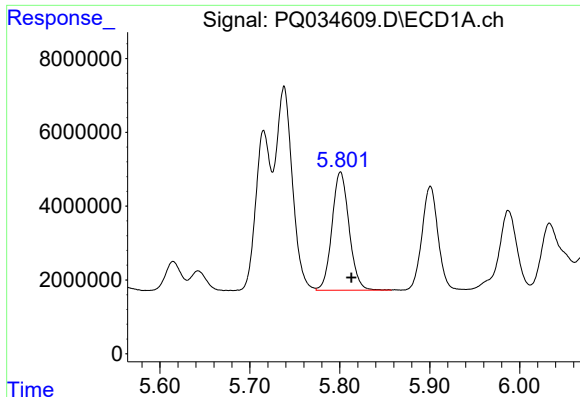
#4 AR-1016-2

R.T.: 5.738 min
Delta R.T.: -0.012 min
Response: 70757145
Conc: 501.27 ng/ml



#4 AR-1016-2

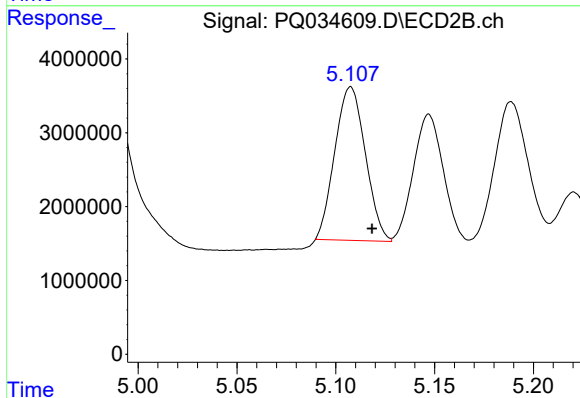
R.T.: 4.930 min
Delta R.T.: -0.010 min
Response: 44779217
Conc: 444.19 ng/ml



#5 AR-1016-3

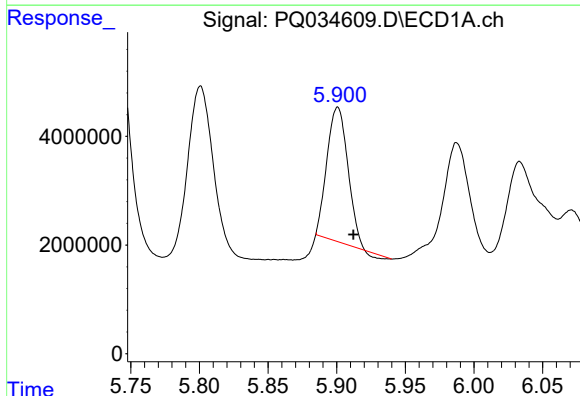
R.T.: 5.801 min
Delta R.T.: -0.012 min
Response: 42366835
Conc: 498.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



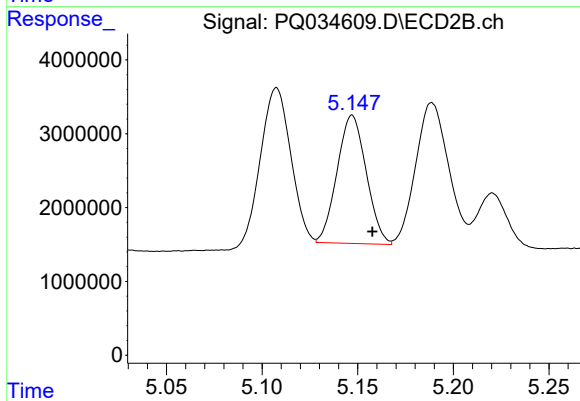
#5 AR-1016-3

R.T.: 5.108 min
Delta R.T.: -0.011 min
Response: 22366691
Conc: 435.54 ng/ml



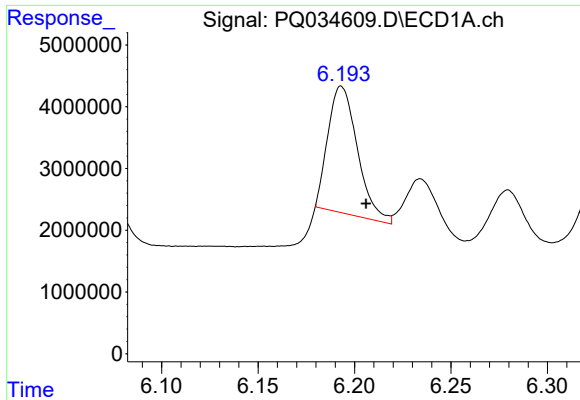
#6 AR-1016-4

R.T.: 5.901 min
Delta R.T.: -0.012 min
Response: 25862864
Conc: 380.96 ng/ml



#6 AR-1016-4

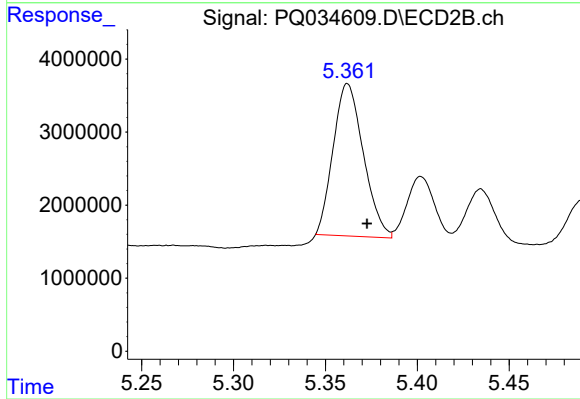
R.T.: 5.147 min
Delta R.T.: -0.010 min
Response: 18451831
Conc: 448.35 ng/ml



#7 AR-1016-5

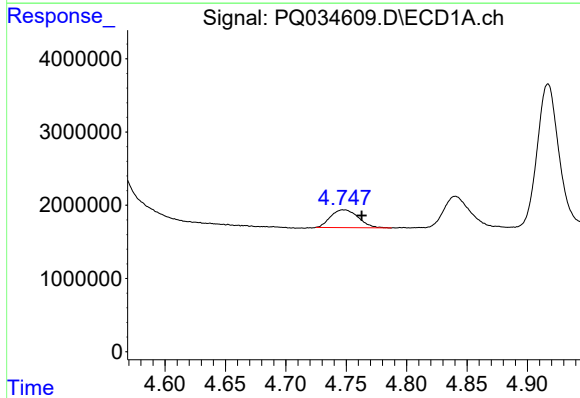
R.T.: 6.193 min
Delta R.T.: -0.013 min
Response: 21852632
Conc: 309.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



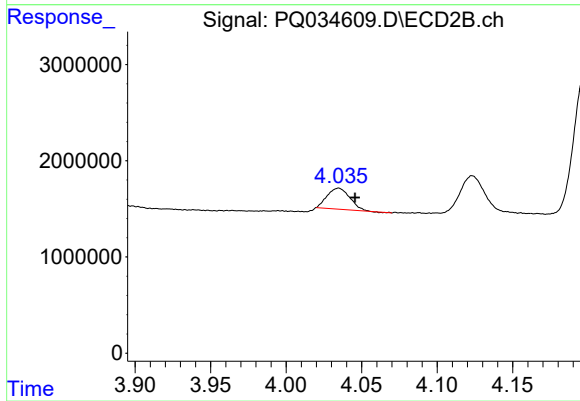
#7 AR-1016-5

R.T.: 5.362 min
Delta R.T.: -0.011 min
Response: 23856644
Conc: 447.32 ng/ml



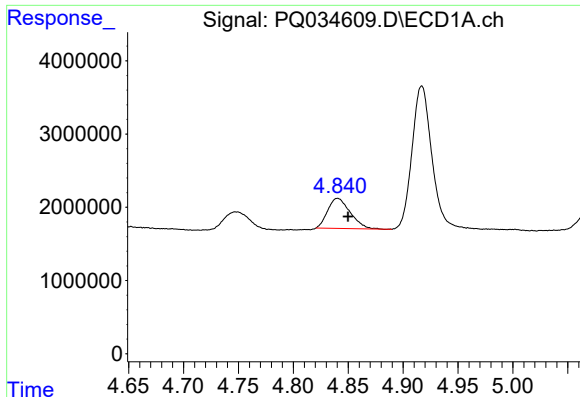
#8 AR-1221-1

R.T.: 4.748 min
Delta R.T.: -0.015 min
Response: 3875766
Conc: 135.33 ng/ml



#8 AR-1221-1

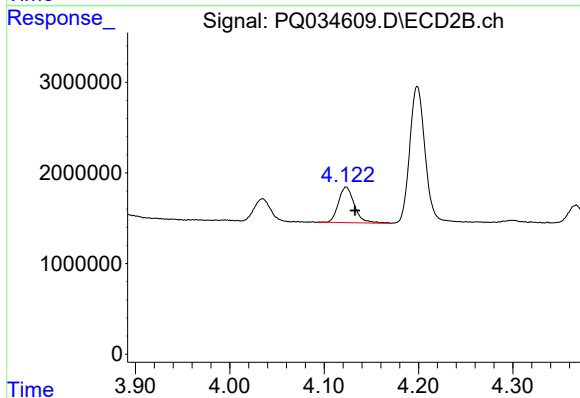
R.T.: 4.035 min
Delta R.T.: -0.011 min
Response: 2267454
Conc: 108.19 ng/ml



#9 AR-1221-2

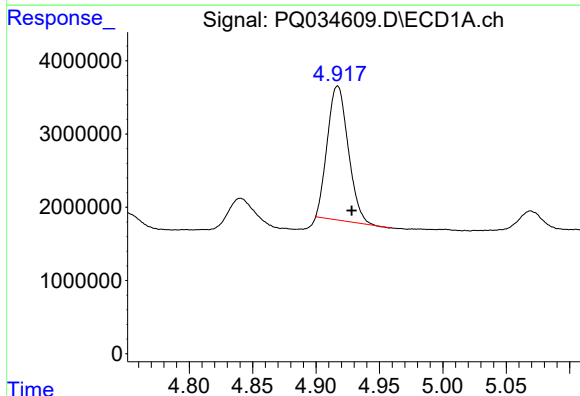
R.T.: 4.840 min
Delta R.T.: -0.010 min
Response: 5843757
Conc: 274.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



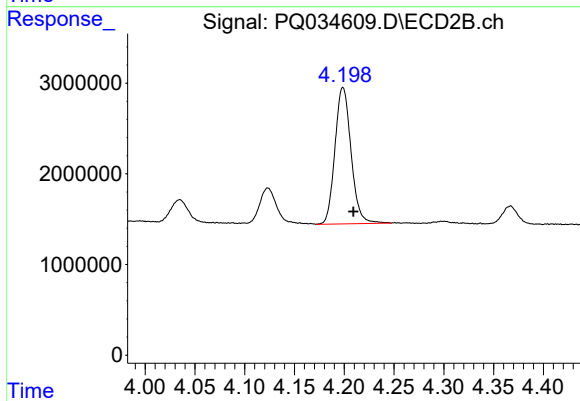
#9 AR-1221-2

R.T.: 4.123 min
Delta R.T.: -0.010 min
Response: 4592031
Conc: 296.86 ng/ml



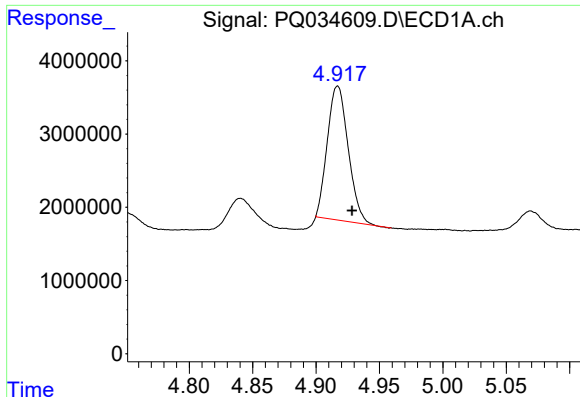
#10 AR-1221-3

R.T.: 4.917 min
Delta R.T.: -0.011 min
Response: 20920192
Conc: 307.92 ng/ml



#10 AR-1221-3

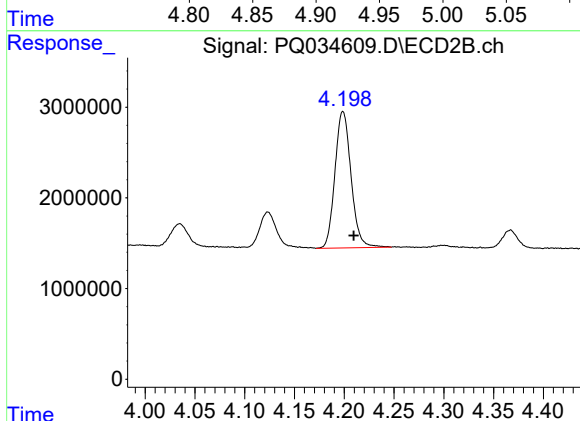
R.T.: 4.199 min
Delta R.T.: -0.011 min
Response: 16935269
Conc: 331.79 ng/ml



#11 AR-1232-1

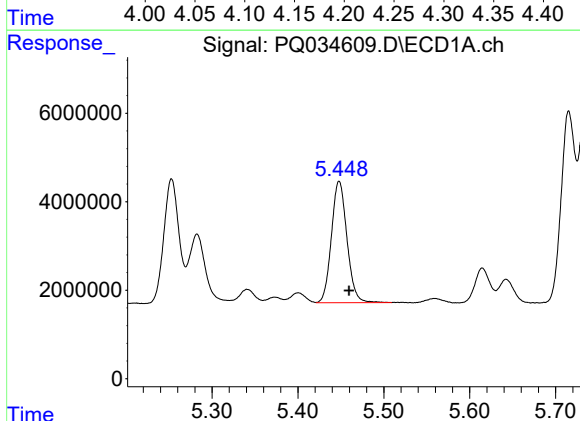
R.T.: 4.917 min
Delta R.T.: -0.011 min
Response: 20920192
Conc: 405.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



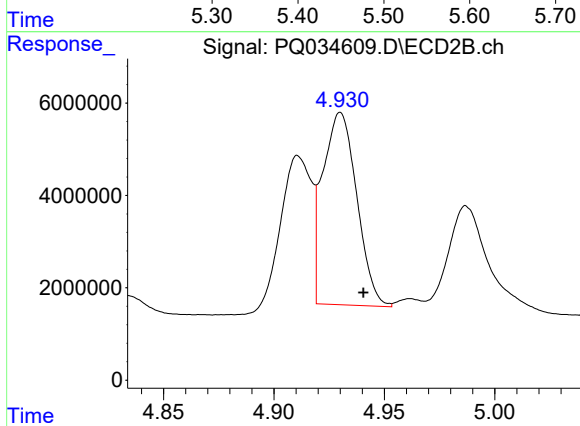
#11 AR-1232-1

R.T.: 4.199 min
Delta R.T.: -0.011 min
Response: 16935269
Conc: 447.58 ng/ml



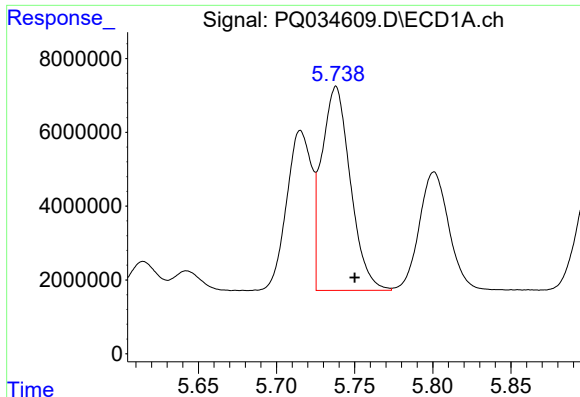
#12 AR-1232-2

R.T.: 5.448 min
Delta R.T.: -0.012 min
Response: 34499371
Conc: 1228.21 ng/ml



#12 AR-1232-2

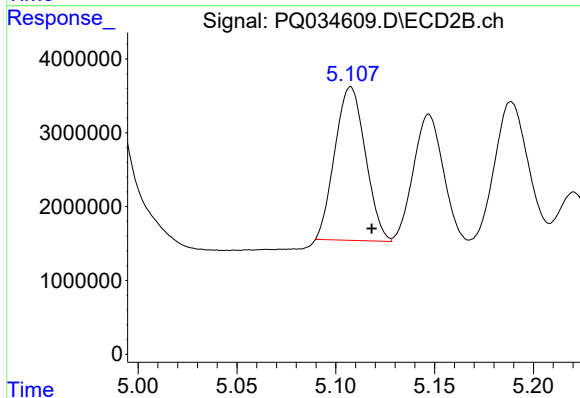
R.T.: 4.930 min
Delta R.T.: -0.010 min
Response: 44779217
Conc: 1126.69 ng/ml



#13 AR-1232-3

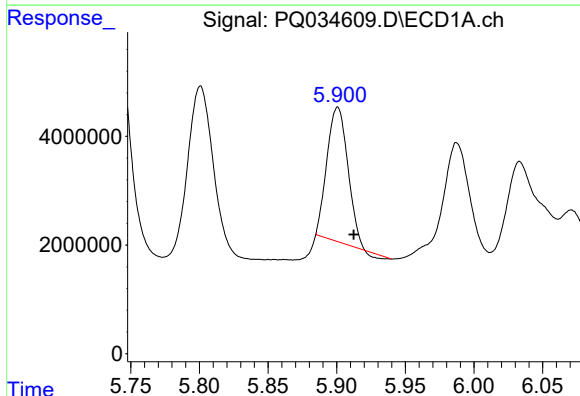
R.T.: 5.738 min
Delta R.T.: -0.012 min
Response: 70757145
Conc: 1245.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



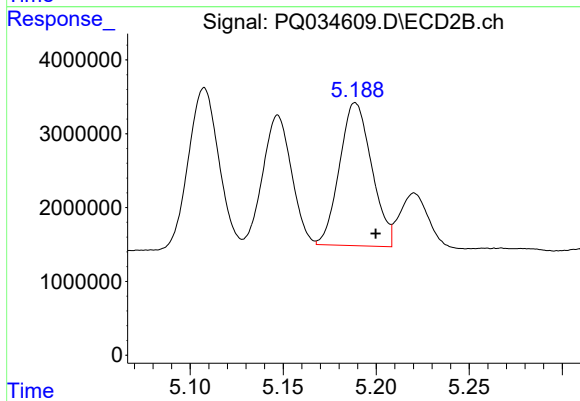
#13 AR-1232-3

R.T.: 5.108 min
Delta R.T.: -0.011 min
Response: 22366691
Conc: 1087.14 ng/ml



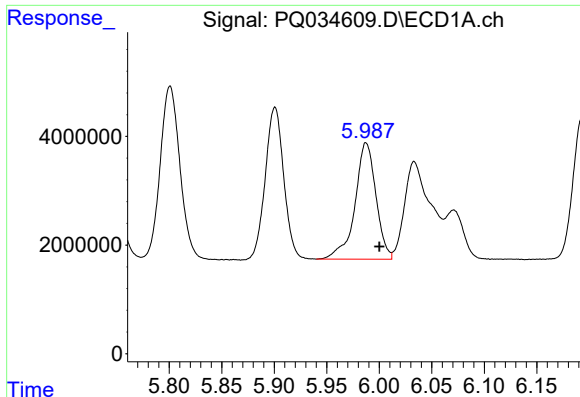
#14 AR-1232-4

R.T.: 5.901 min
Delta R.T.: -0.012 min
Response: 25862864
Conc: 926.17 ng/ml



#14 AR-1232-4

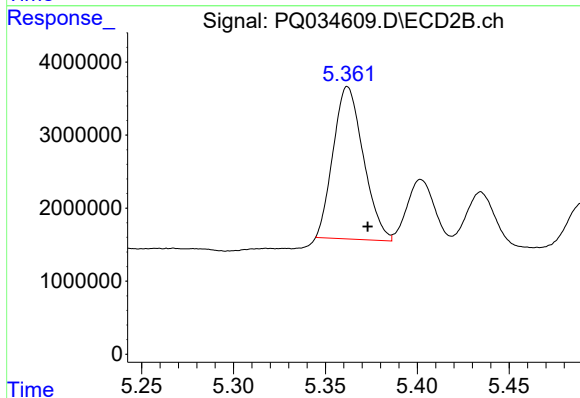
R.T.: 5.189 min
Delta R.T.: -0.011 min
Response: 23331489
Conc: 1259.10 ng/ml



#15 AR-1232-5

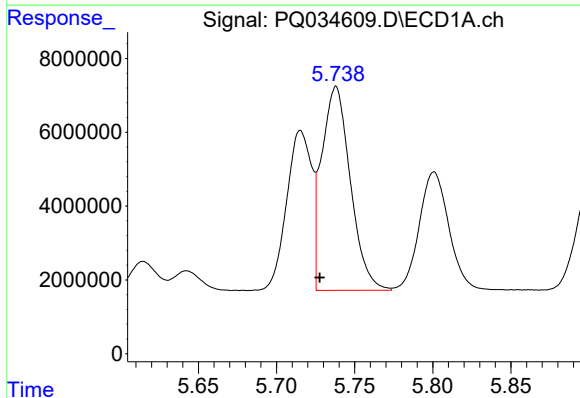
R.T.: 5.987 min
Delta R.T.: -0.013 min
Response: 29782815
Conc: 1483.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



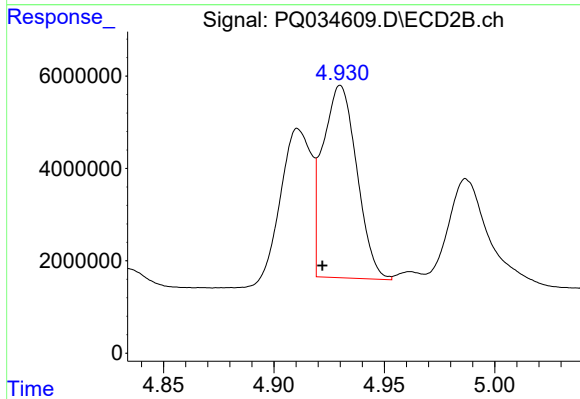
#15 AR-1232-5

R.T.: 5.362 min
Delta R.T.: -0.011 min
Response: 23856644
Conc: 1180.52 ng/ml



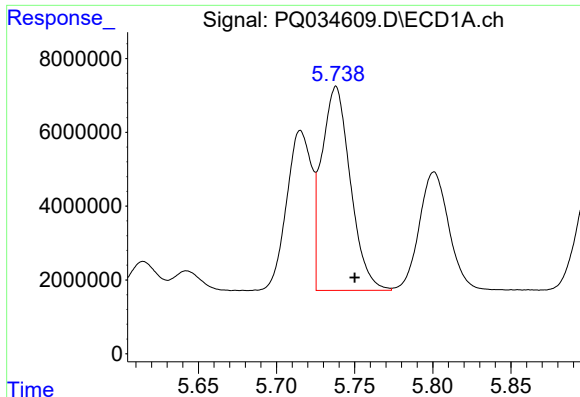
#16 AR-1242-1

R.T.: 5.738 min
Delta R.T.: 0.010 min
Response: 70757145
Conc: 900.27 ng/ml



#16 AR-1242-1

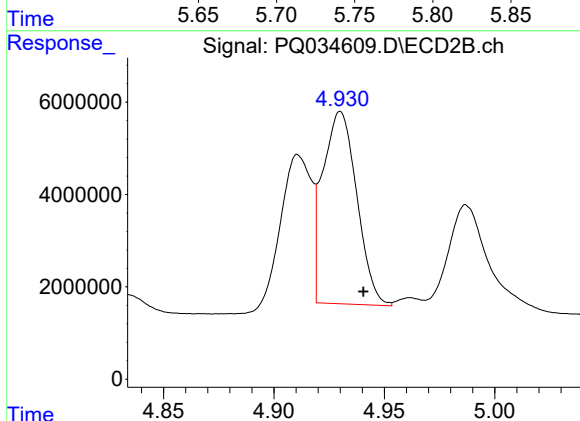
R.T.: 4.930 min
Delta R.T.: 0.008 min
Response: 44779217
Conc: 810.22 ng/ml



#17 AR-1242-2

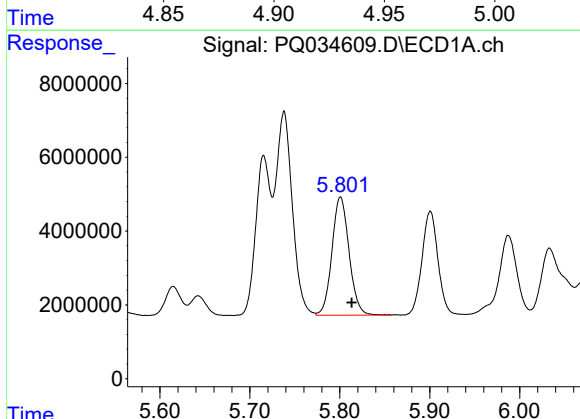
R.T.: 5.738 min
Delta R.T.: -0.012 min
Response: 70757145
Conc: 605.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



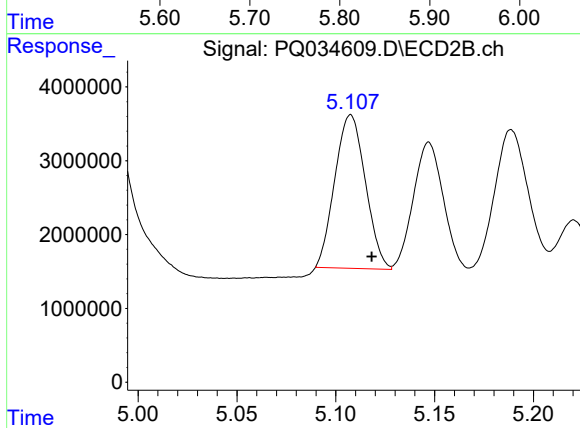
#17 AR-1242-2

R.T.: 4.930 min
Delta R.T.: -0.010 min
Response: 44779217
Conc: 560.05 ng/ml



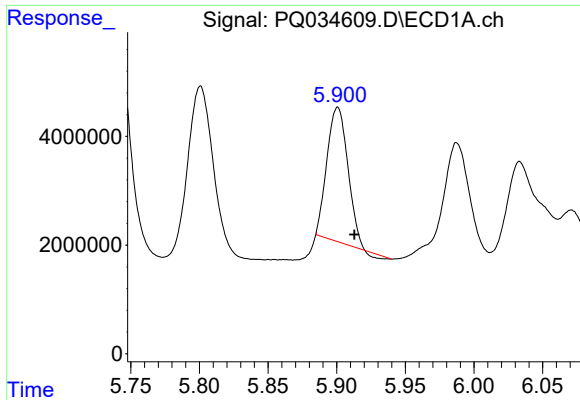
#18 AR-1242-3

R.T.: 5.801 min
Delta R.T.: -0.012 min
Response: 42366835
Conc: 598.94 ng/ml



#18 AR-1242-3

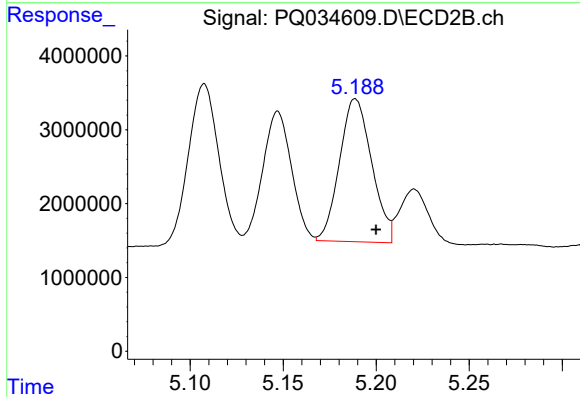
R.T.: 5.108 min
Delta R.T.: -0.011 min
Response: 22366691
Conc: 541.81 ng/ml



#19 AR-1242-4

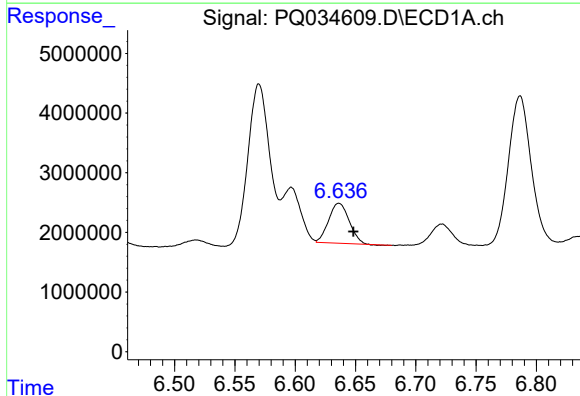
R.T.: 5.901 min
Delta R.T.: -0.012 min
Response: 25862864
Conc: 450.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



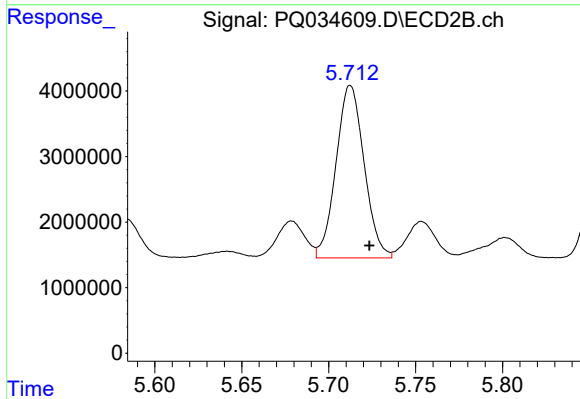
#19 AR-1242-4

R.T.: 5.189 min
Delta R.T.: -0.011 min
Response: 23331489
Conc: 579.75 ng/ml



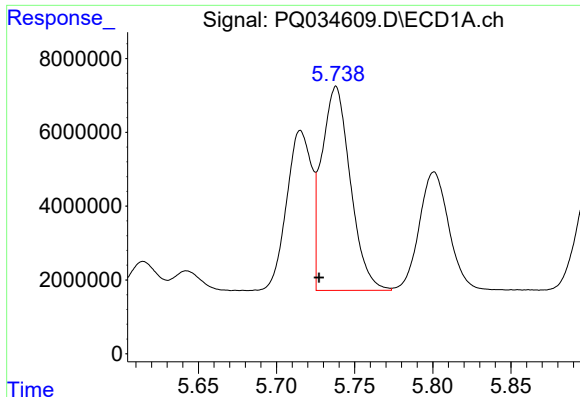
#20 AR-1242-5

R.T.: 6.636 min
Delta R.T.: -0.012 min
Response: 7936932
Conc: 122.80 ng/ml



#20 AR-1242-5

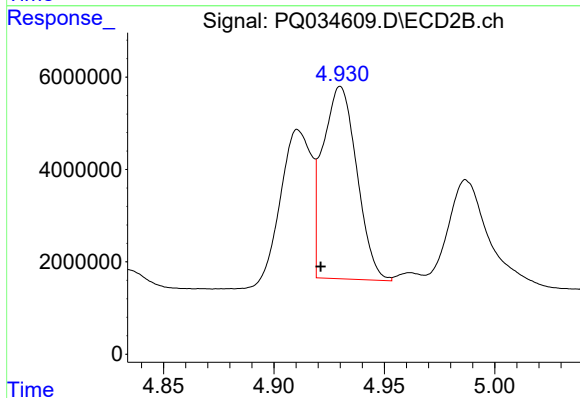
R.T.: 5.713 min
Delta R.T.: -0.011 min
Response: 29644543
Conc: 567.75 ng/ml



#21 AR-1248-1

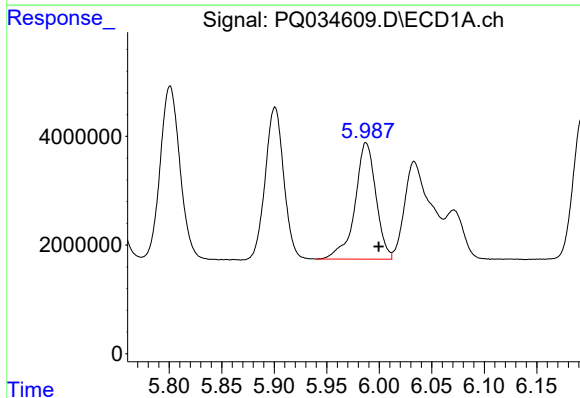
R.T.: 5.738 min
Delta R.T.: 0.011 min
Response: 70757145
Conc: 1090.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



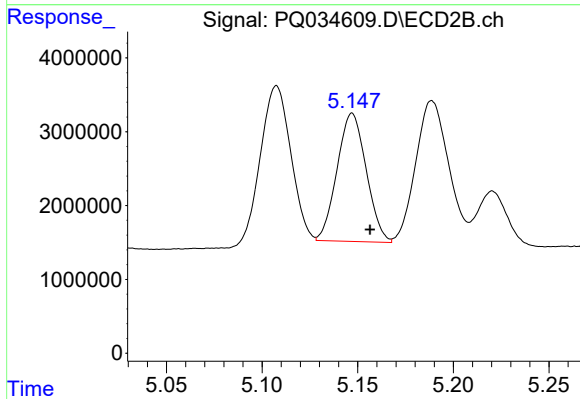
#21 AR-1248-1

R.T.: 4.930 min
Delta R.T.: 0.009 min
Response: 44779217
Conc: 965.79 ng/ml



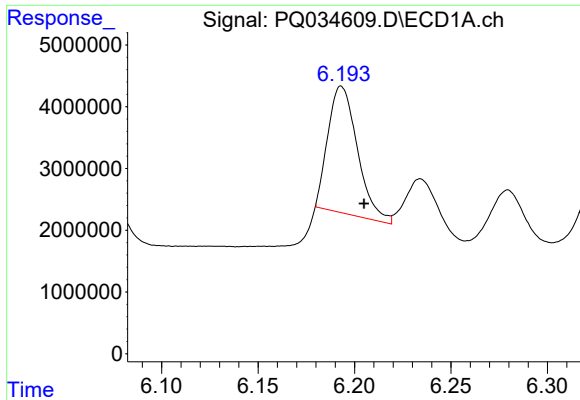
#22 AR-1248-2

R.T.: 5.987 min
Delta R.T.: -0.012 min
Response: 29782815
Conc: 319.49 ng/ml



#22 AR-1248-2

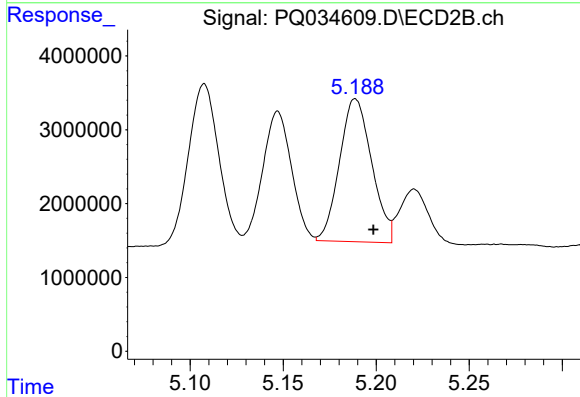
R.T.: 5.147 min
Delta R.T.: -0.009 min
Response: 18451831
Conc: 294.12 ng/ml



#23 AR-1248-3

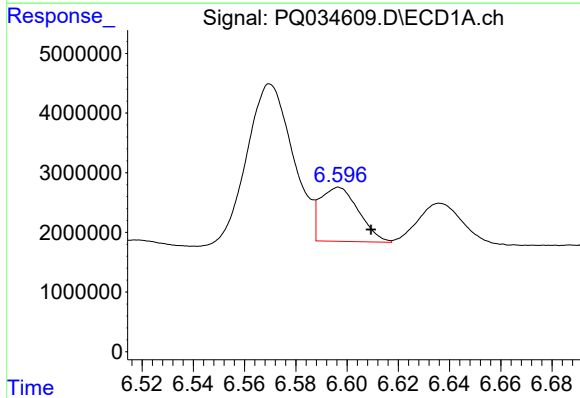
R.T.: 6.193 min
Delta R.T.: -0.012 min
Response: 21852632
Conc: 204.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



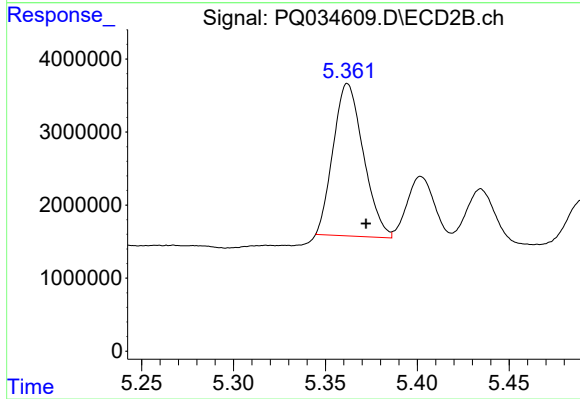
#23 AR-1248-3

R.T.: 5.189 min
Delta R.T.: -0.010 min
Response: 23331489
Conc: 360.70 ng/ml



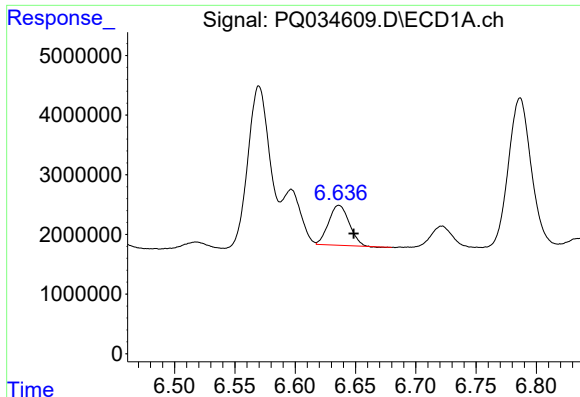
#24 AR-1248-4

R.T.: 6.597 min
Delta R.T.: -0.013 min
Response: 9443304
Conc: 77.71 ng/ml



#24 AR-1248-4

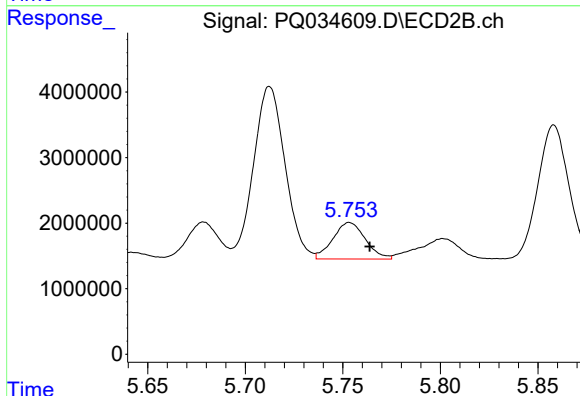
R.T.: 5.362 min
Delta R.T.: -0.010 min
Response: 23856644
Conc: 299.38 ng/ml



#25 AR-1248-5

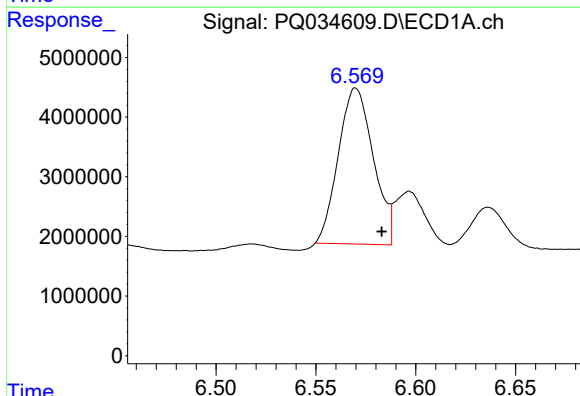
R.T.: 6.636 min
Delta R.T.: -0.012 min
Response: 7936932
Conc: 67.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



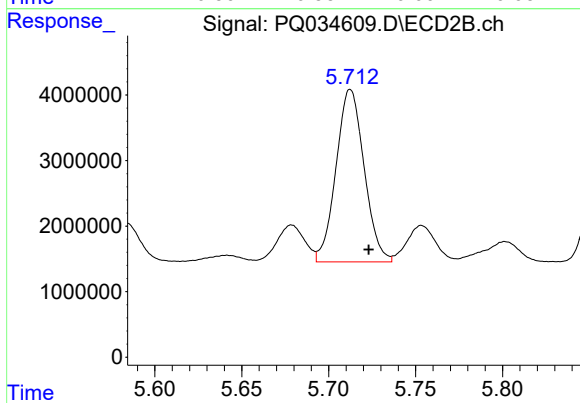
#25 AR-1248-5

R.T.: 5.753 min
Delta R.T.: -0.010 min
Response: 6460012
Conc: 80.31 ng/ml



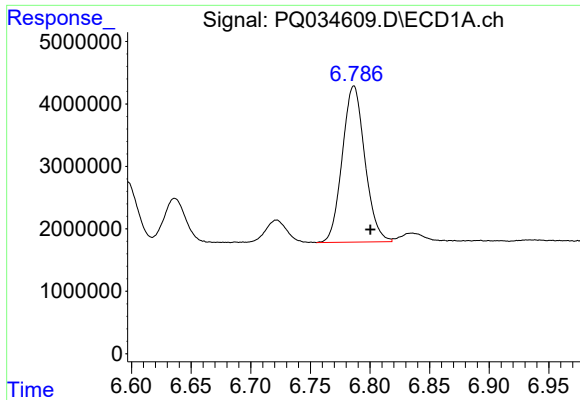
#26 AR-1254-1

R.T.: 6.570 min
Delta R.T.: -0.013 min
Response: 31893532
Conc: 282.20 ng/ml



#26 AR-1254-1

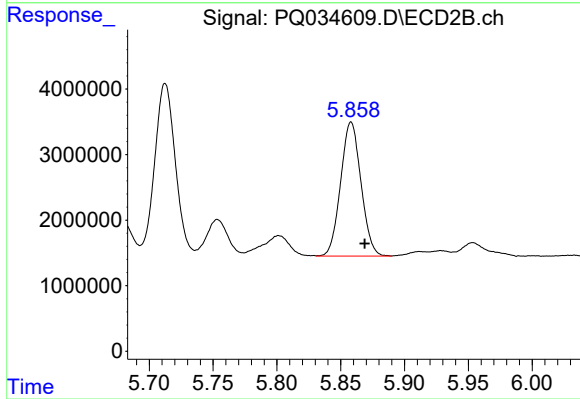
R.T.: 5.713 min
Delta R.T.: -0.010 min
Response: 29644543
Conc: 256.39 ng/ml



#27 AR-1254-2

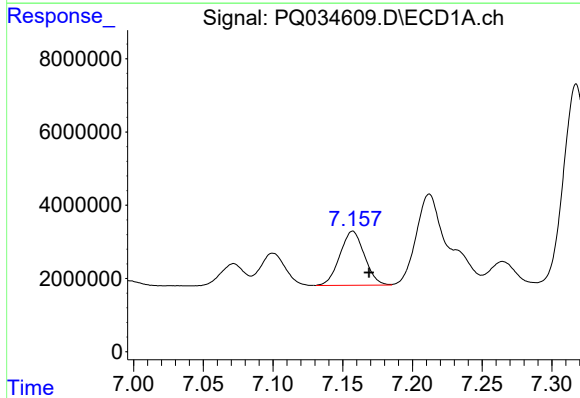
R.T.: 6.786 min
Delta R.T.: -0.014 min
Response: 32964305
Conc: 183.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



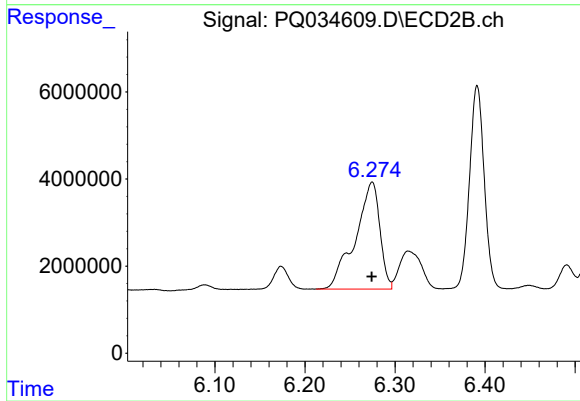
#27 AR-1254-2

R.T.: 5.858 min
Delta R.T.: -0.011 min
Response: 22736318
Conc: 227.22 ng/ml



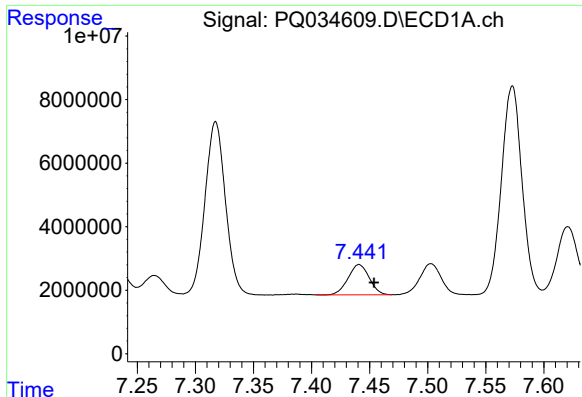
#28 AR-1254-3

R.T.: 7.157 min
Delta R.T.: -0.012 min
Response: 18130107
Conc: 93.25 ng/ml



#28 AR-1254-3

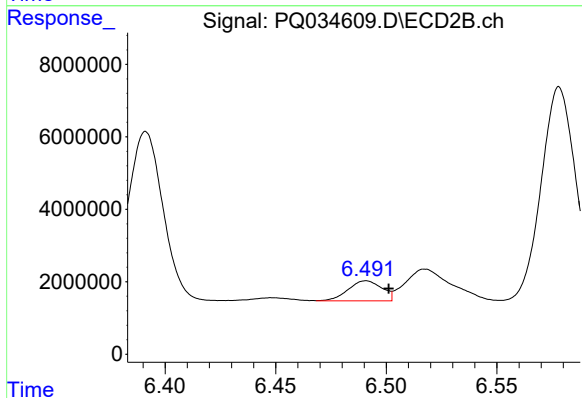
R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 46665635
Conc: 270.05 ng/ml



#29 AR-1254-4

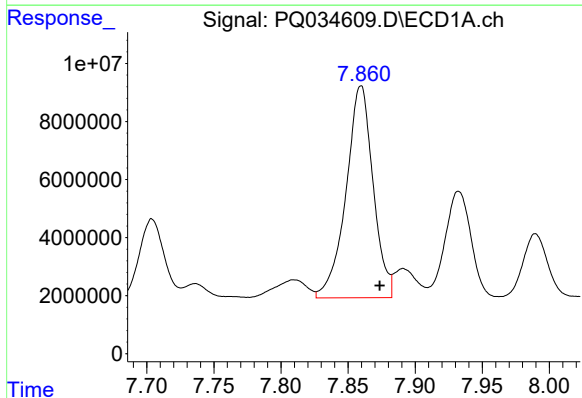
R.T.: 7.441 min
Delta R.T.: -0.013 min
Response: 12134459
Conc: 84.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



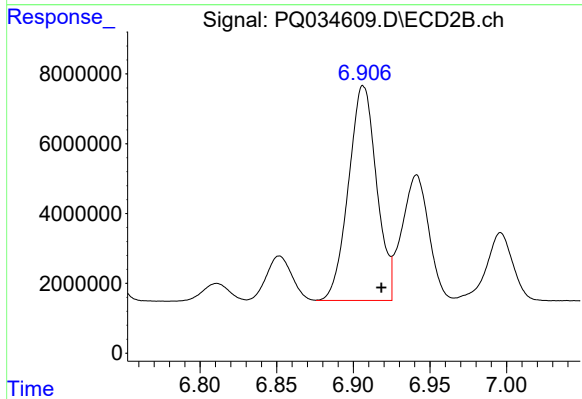
#29 AR-1254-4

R.T.: 6.491 min
Delta R.T.: -0.010 min
Response: 5894970
Conc: 54.08 ng/ml



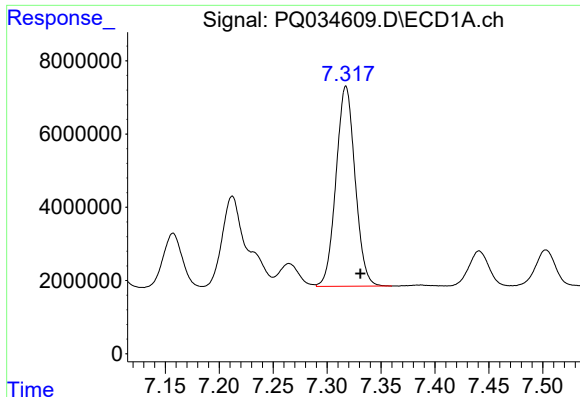
#30 AR-1254-5

R.T.: 7.860 min
Delta R.T.: -0.014 min
Response: 102505794
Conc: 651.06 ng/ml



#30 AR-1254-5

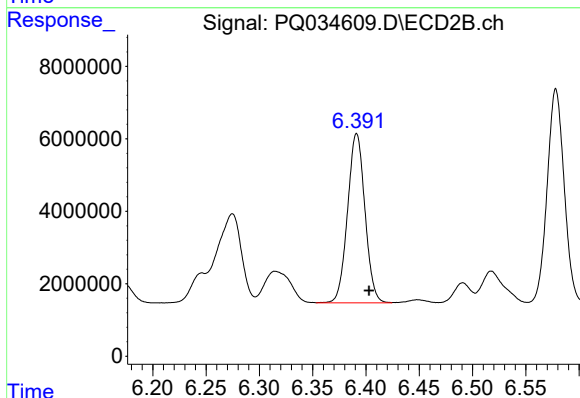
R.T.: 6.907 min
Delta R.T.: -0.012 min
Response: 78405932
Conc: 516.69 ng/ml



#31 AR-1260-1

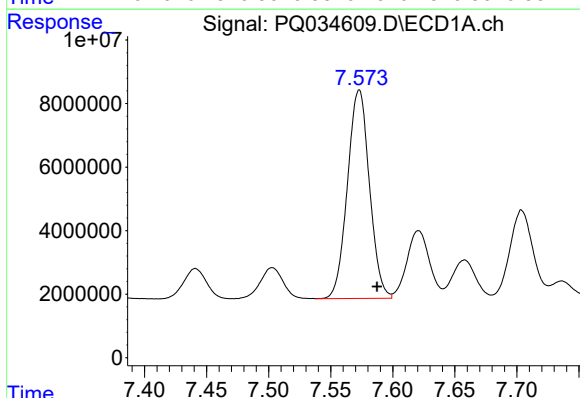
R.T.: 7.317 min
Delta R.T.: -0.013 min
Response: 67303558
Conc: 488.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



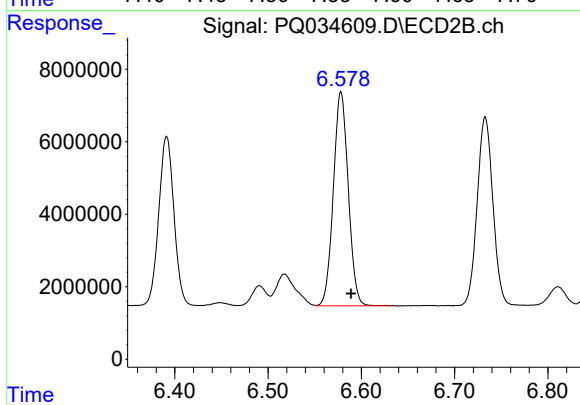
#31 AR-1260-1

R.T.: 6.391 min
Delta R.T.: -0.011 min
Response: 53120713
Conc: 461.56 ng/ml



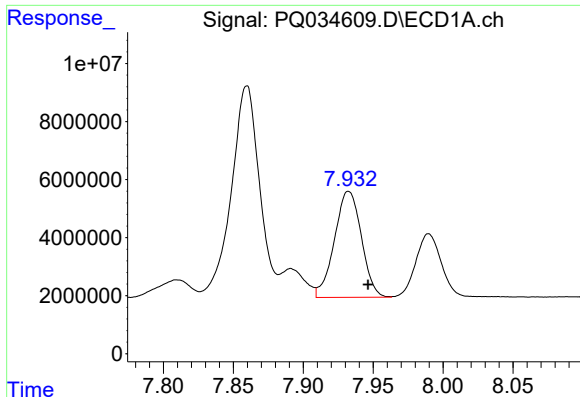
#32 AR-1260-2

R.T.: 7.573 min
Delta R.T.: -0.014 min
Response: 80958143
Conc: 470.37 ng/ml



#32 AR-1260-2

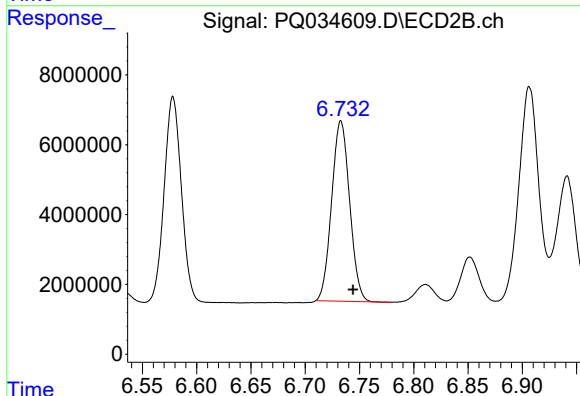
R.T.: 6.578 min
Delta R.T.: -0.011 min
Response: 65583751
Conc: 461.91 ng/ml



#33 AR-1260-3

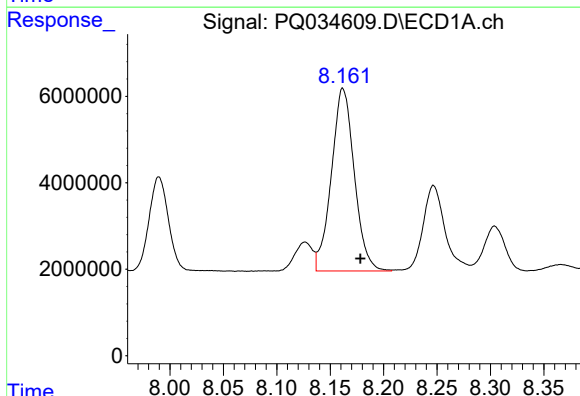
R.T.: 7.932 min
Delta R.T.: -0.014 min
Response: 49015681
Conc: 481.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



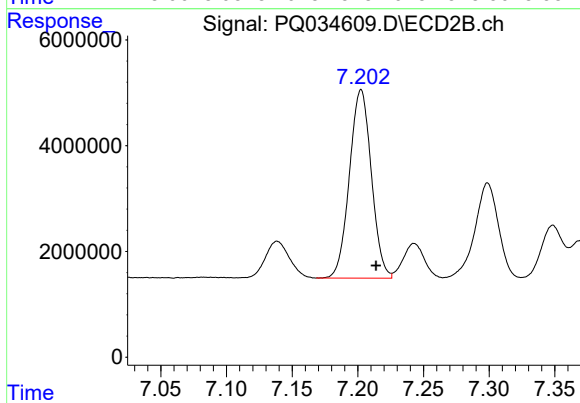
#33 AR-1260-3

R.T.: 6.733 min
Delta R.T.: -0.011 min
Response: 59587674
Conc: 452.29 ng/ml



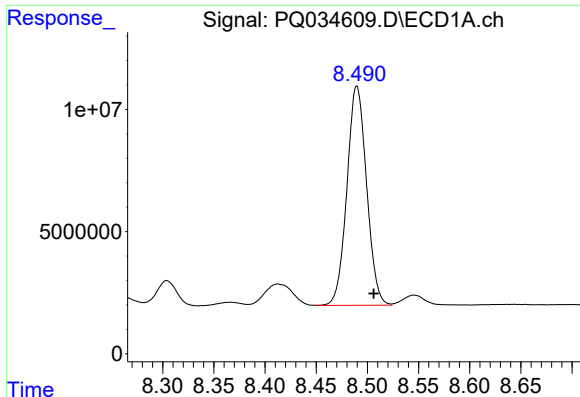
#34 AR-1260-4

R.T.: 8.162 min
Delta R.T.: -0.016 min
Response: 63109776
Conc: 485.78 ng/ml



#34 AR-1260-4

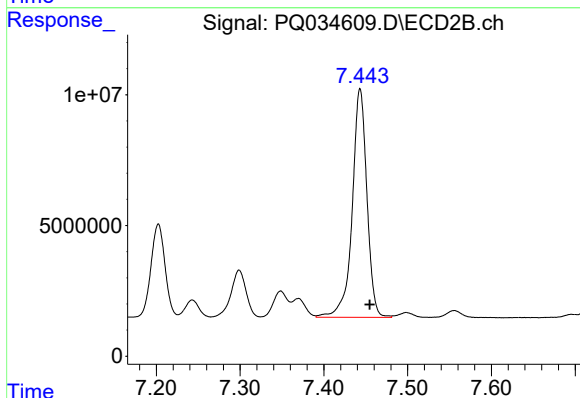
R.T.: 7.202 min
Delta R.T.: -0.011 min
Response: 41393123
Conc: 456.17 ng/ml



#35 AR-1260-5

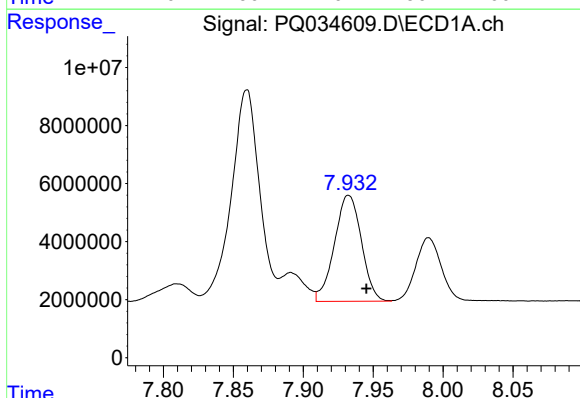
R.T.: 8.490 min
Delta R.T.: -0.016 min
Response: 120158907
Conc: 481.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



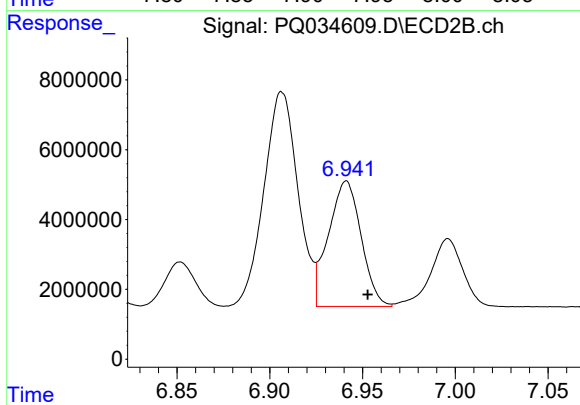
#35 AR-1260-5

R.T.: 7.443 min
Delta R.T.: -0.011 min
Response: 106568337
Conc: 458.56 ng/ml



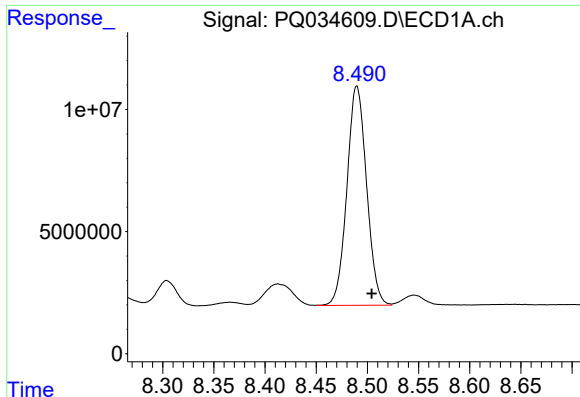
#36 AR-1262-1

R.T.: 7.932 min
Delta R.T.: -0.013 min
Response: 49015681
Conc: 266.09 ng/ml



#36 AR-1262-1

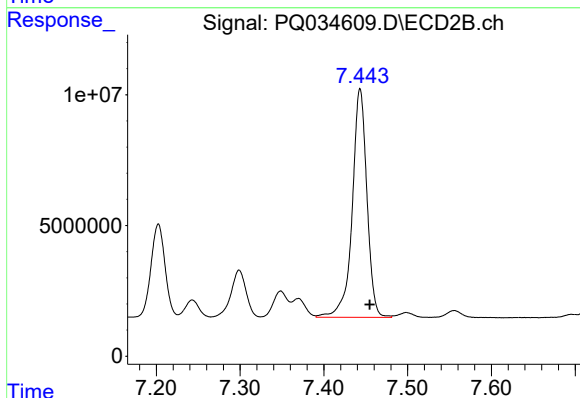
R.T.: 6.941 min
Delta R.T.: -0.012 min
Response: 44150828
Conc: 294.03 ng/ml



#37 AR-1262-2

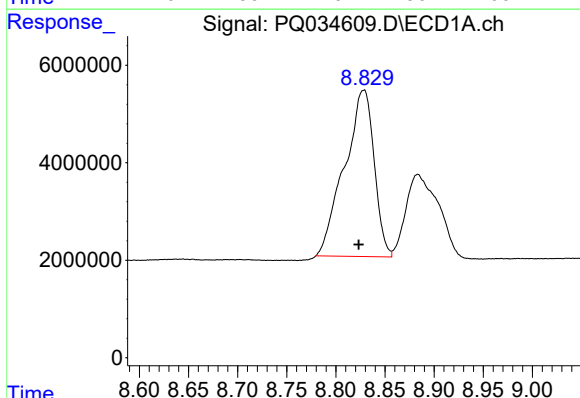
R.T.: 8.490 min
Delta R.T.: -0.015 min
Response: 120158907
Conc: 353.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



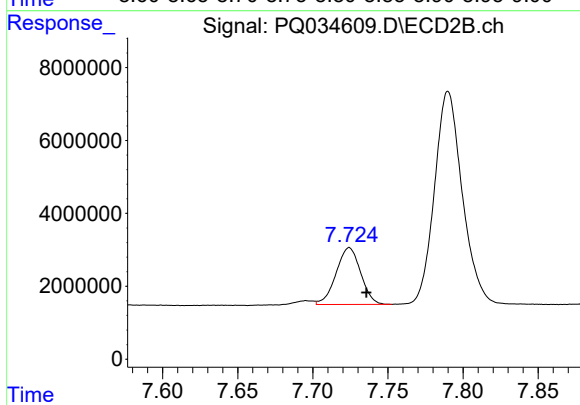
#37 AR-1262-2

R.T.: 7.443 min
Delta R.T.: -0.012 min
Response: 106568337
Conc: 369.82 ng/ml



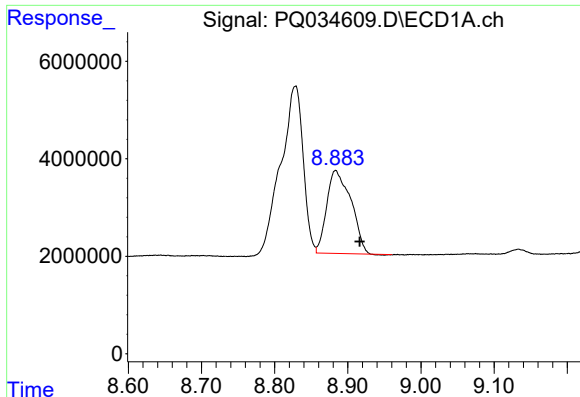
#38 AR-1262-3

R.T.: 8.828 min
Delta R.T.: 0.005 min
Response: 71772454
Conc: 323.12 ng/ml



#38 AR-1262-3

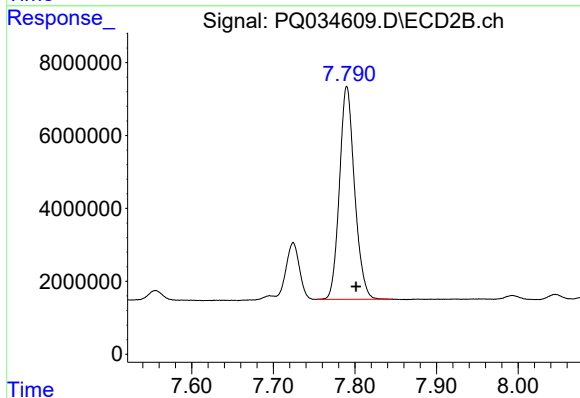
R.T.: 7.724 min
Delta R.T.: -0.011 min
Response: 17751917
Conc: 166.18 ng/ml



#39 AR-1262-4

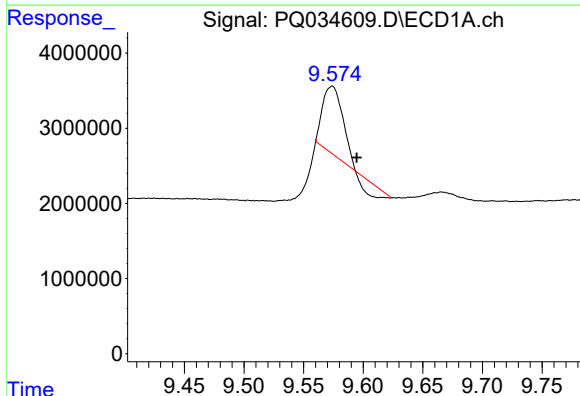
R.T.: 8.883 min
Delta R.T.: -0.033 min
Response: 39187613
Conc: 464.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



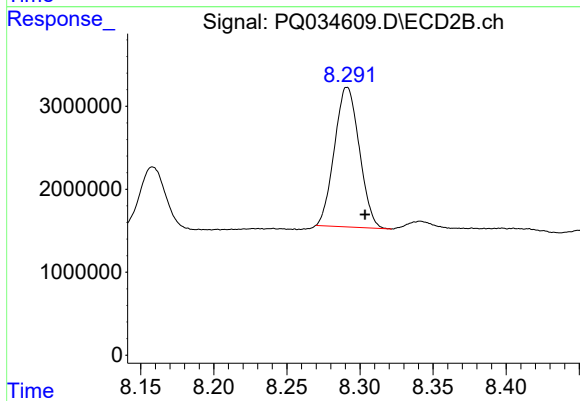
#39 AR-1262-4

R.T.: 7.790 min
Delta R.T.: -0.011 min
Response: 75218638
Conc: 367.33 ng/ml



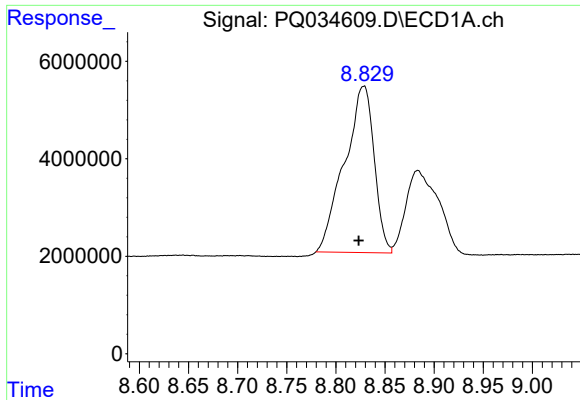
#40 AR-1262-5

R.T.: 9.574 min
Delta R.T.: -0.021 min
Response: 8770118
Conc: 77.13 ng/ml



#40 AR-1262-5

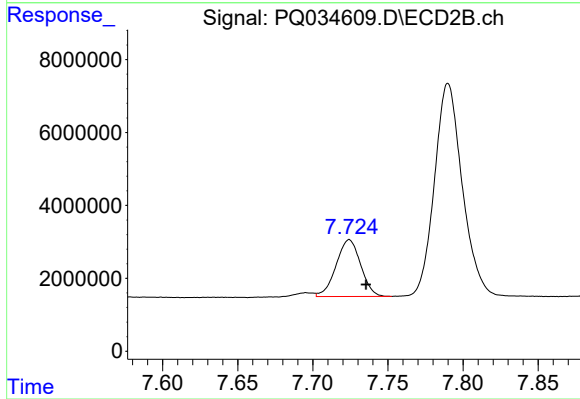
R.T.: 8.291 min
Delta R.T.: -0.012 min
Response: 19911058
Conc: 218.43 ng/ml



#41 AR-1268-1

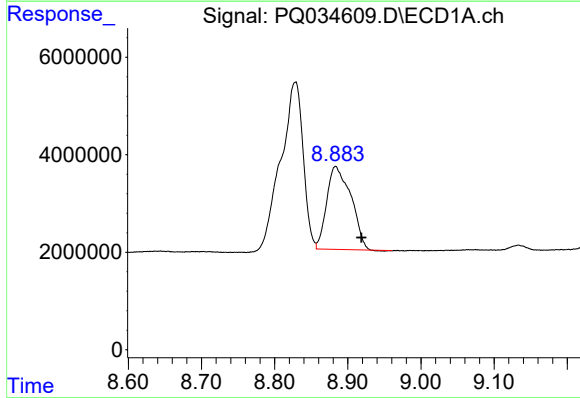
R.T.: 8.828 min
Delta R.T.: 0.005 min
Response: 71772454
Conc: 162.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



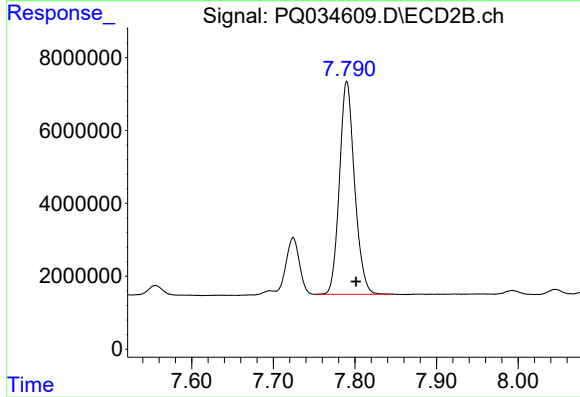
#41 AR-1268-1

R.T.: 7.724 min
Delta R.T.: -0.011 min
Response: 17751917
Conc: 49.87 ng/ml



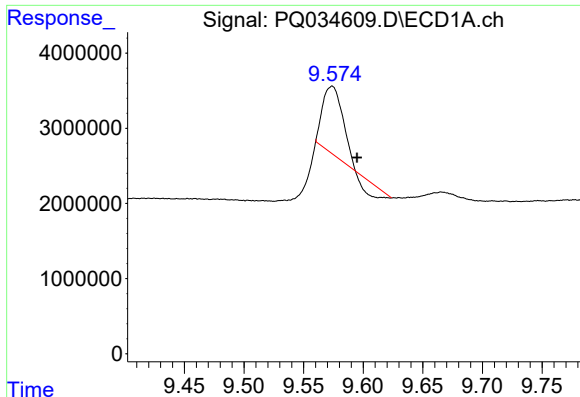
#42 AR-1268-2

R.T.: 8.883 min
Delta R.T.: -0.036 min
Response: 39187613
Conc: 98.69 ng/ml



#42 AR-1268-2

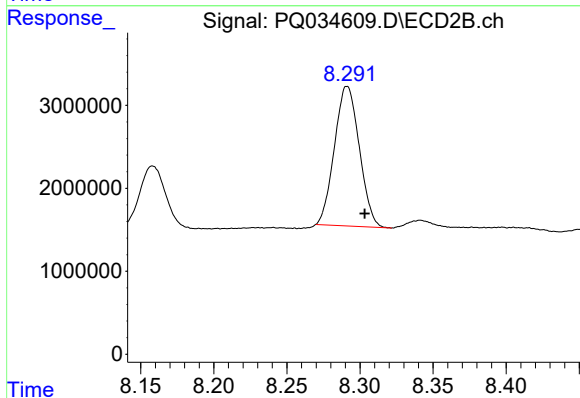
R.T.: 7.790 min
Delta R.T.: -0.011 min
Response: 75218638
Conc: 235.43 ng/ml



#44 AR-1268-4

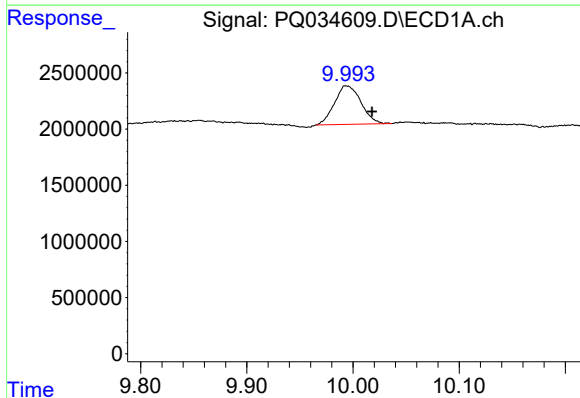
R.T.: 9.574 min
Delta R.T.: -0.021 min
Response: 8770118
Conc: 64.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



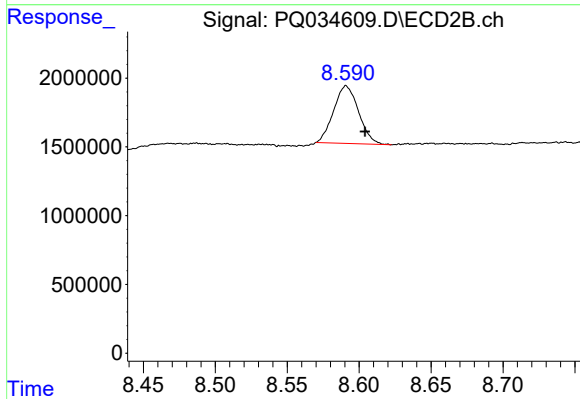
#44 AR-1268-4

R.T.: 8.291 min
Delta R.T.: -0.012 min
Response: 19911058
Conc: 179.10 ng/ml



#45 AR-1268-5

R.T.: 9.994 min
Delta R.T.: -0.024 min
Response: 5945213
Conc: 5.22 ng/ml



#45 AR-1268-5

R.T.: 8.591 min
Delta R.T.: -0.013 min
Response: 5072779
Conc: 5.86 ng/ml