

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022819\
 Data File : PQ037630.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2019 16:39
 Operator : SM\SJ
 Sample : K1600-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF7Y5MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 23:57:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 26 04:57:52 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...	4.226	3.657	137.1E6	67574762	24.108	25.655
2)	SA Decachlor...	9.688	8.544	133.0E6	73212793	26.340	31.557
Target Compounds							
3)	L1 AR-1016-1	5.370	4.715	82338186	43019264	284.882	278.839
4)	L1 AR-1016-2	5.390	4.731	122.6E6	65966504	274.417	274.809
5)	L1 AR-1016-3	5.450	4.905	73060140	32610827	277.970	267.811
6)	L1 AR-1016-4	5.550	4.944	60939396	25521994	277.183	273.272
7)	L1 AR-1016-5	5.834	5.154	56067256	32296874	260.833	257.846
8)	L2 AR-1221-1	4.433	3.861	6165413	3334045	98.393	97.985
9)	L2 AR-1221-2	4.523	3.948	8961264	4289782	203.498	178.856
10)	L2 AR-1221-3	4.598	4.021	39661144	20287818	258.030	239.904
11)	L3 AR-1232-1	4.598	4.021	39661144	20287818	347.533	327.739
12)	L3 AR-1232-2	5.108	4.731	57127503	65966504	977.166	960.034
13)	L3 AR-1232-3	5.390	4.905	122.6E6	32610827	981.727	936.437
14)	L3 AR-1232-4	5.550	4.984	60939396	31042607	953.621	1052.803
15)	L3 AR-1232-5	5.631	5.154	51681735	32296874	1133.195	950.360
16)	L4 AR-1242-1	5.370	4.715	82338186	43019264	501.950	478.910
17)	L4 AR-1242-2	5.390	4.731	122.6E6	65966504	486.541	483.753
18)	L4 AR-1242-3	5.450	4.905	73060140	32610827	483.004	462.359
19)	L4 AR-1242-4	5.550	4.984	60939396	31042607	484.119	452.422
20)	L4 AR-1242-5	6.268	5.497	7996905	25081590	57.625	286.878 #
21)	L5 AR-1248-1	5.370	4.715	82338186	43019264	699.598	644.886
22)	L5 AR-1248-2	5.631	4.944	51681735	25521994	301.248	282.318
23)	L5 AR-1248-3	5.834	4.984	56067256	31042607	288.588	336.347
24)	L5 AR-1248-4	6.231	5.154	9530101	32296874	41.915	284.605 #
25)	L5 AR-1248-5	6.268	5.538	7996905	3541706	37.028	32.259
26)	L6 AR-1254-1	6.200	5.497	43660589	25081590	206.150	151.265 #
27)	L6 AR-1254-2	6.411	5.640	46007839	23274979	137.201	163.433
28)	L6 AR-1254-3	6.781	6.046	22467020	40074322	64.736	175.640 #
29)	L6 AR-1254-4	7.059	6.266	14751017	4227515	53.300	24.616 #
30)	L6 AR-1254-5	7.473	6.672	142.1E6	76866949	514.042	396.983
31)	L7 AR-1260-1	6.933	6.162	101.6E6	58099902	228.636	229.161
32)	L7 AR-1260-2	7.186	6.349	126.3E6	69037149	218.412	224.605
33)	L7 AR-1260-3	7.538	6.499	81893995	63480275	183.314	223.539
34)	L7 AR-1260-4	7.767	6.962	84193903	42745285	192.226	194.215
35)	L7 AR-1260-5	8.073	7.205	181.7E6	102.1E6	181.263	193.408
36)	L8 AR-1262-1	7.538	6.704	81893995	47680407	205.028	227.828
37)	L8 AR-1262-2	8.073	7.205	181.7E6	102.1E6	262.277	275.652
38)	L8 AR-1262-3	8.354	7.477	36556765	19108178	122.090	130.734
39)	L8 AR-1262-4	8.431	7.545	62345895	70719374	177.435	265.183 #
40)	L8 AR-1262-5	9.044	8.038	41204624	19618190	172.774	167.921
41)	L9 AR-1268-1	8.354	7.477	36556765	19108178	27.269	29.171

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022819\
 Data File : PQ037630.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Feb 2019 16:39
 Operator : SM\SJ
 Sample : K1600-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

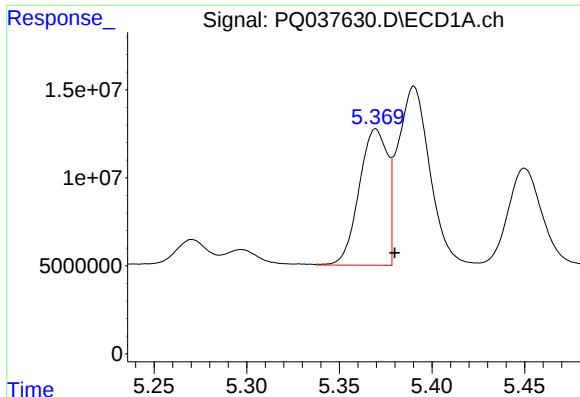
Instrument :
 ECD_Q
 ClientSampleId :
 BF7Y5MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 23:57:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 26 04:57:52 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	8.431	7.545	62345895	70719374	50.611	118.251 #
43) L9	AR-1268-3	8.638	7.738	3534299	1582330	3.225	3.178
44) L9	AR-1268-4	9.044	8.038	41204624	19618190	103.306	100.092
45) L9	AR-1268-5	9.403	8.312	14549854	7361180	4.476	4.784

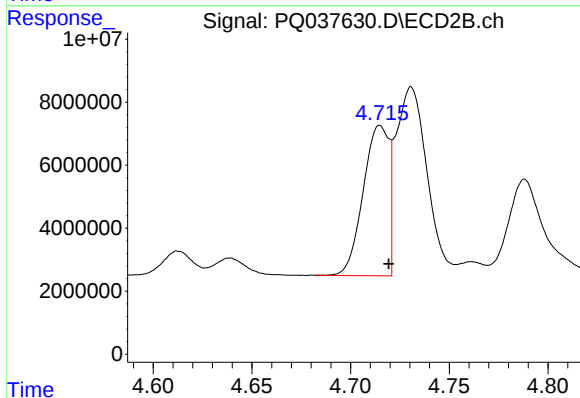
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

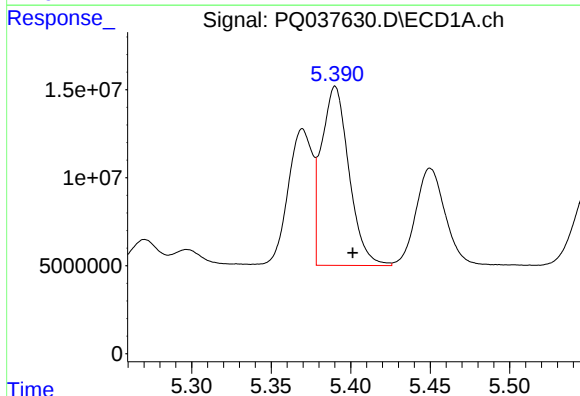
R.T.: 5.370 min
Delta R.T.: -0.010 min
Response: 82338186
Conc: 284.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



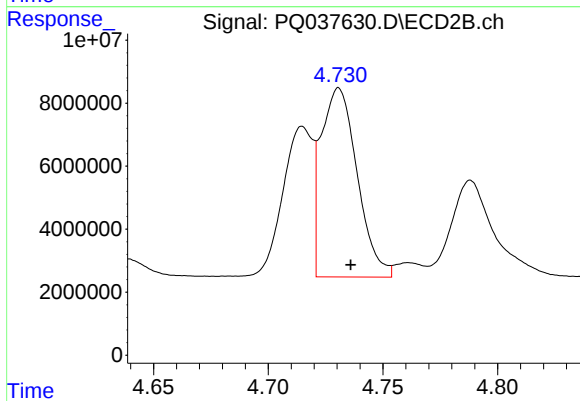
#3 AR-1016-1

R.T.: 4.715 min
Delta R.T.: -0.004 min
Response: 43019264
Conc: 278.84 ng/ml



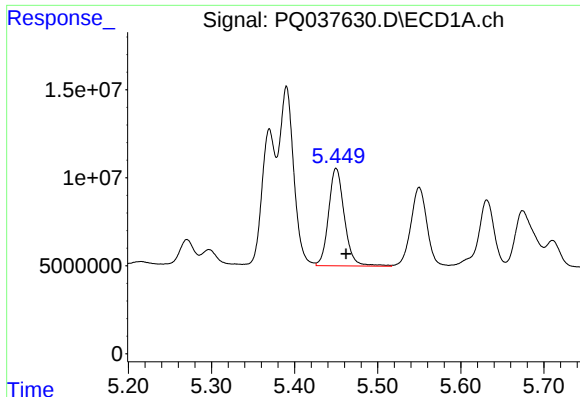
#4 AR-1016-2

R.T.: 5.390 min
Delta R.T.: -0.011 min
Response: 122631559
Conc: 274.42 ng/ml



#4 AR-1016-2

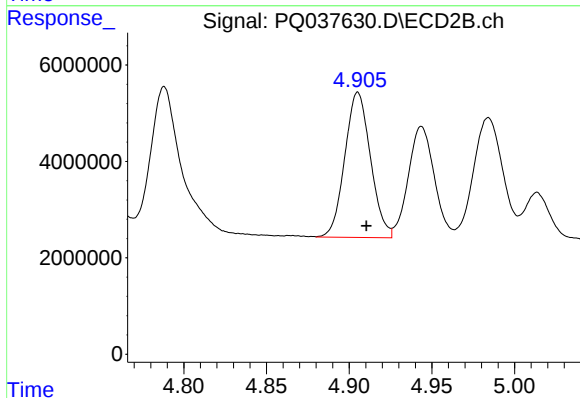
R.T.: 4.731 min
Delta R.T.: -0.005 min
Response: 65966504
Conc: 274.81 ng/ml



#5 AR-1016-3

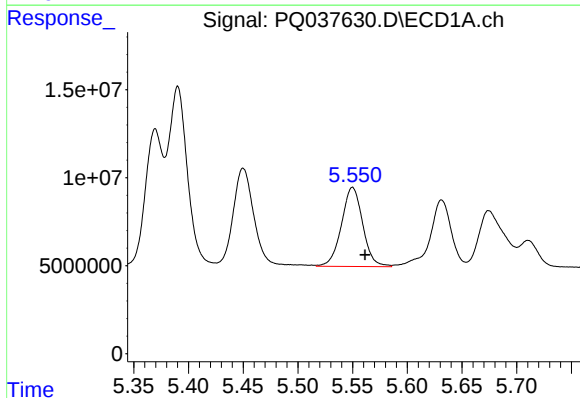
R.T.: 5.450 min
Delta R.T.: -0.012 min
Response: 73060140
Conc: 277.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



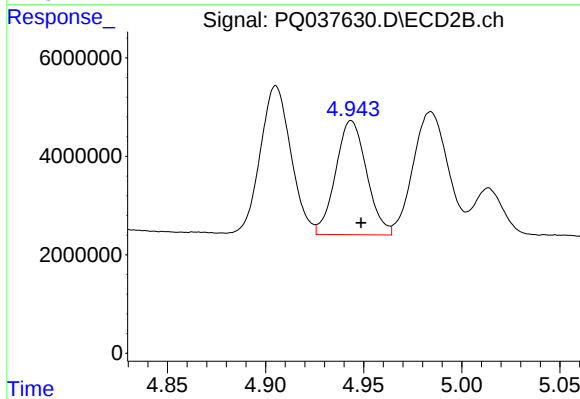
#5 AR-1016-3

R.T.: 4.905 min
Delta R.T.: -0.005 min
Response: 32610827
Conc: 267.81 ng/ml



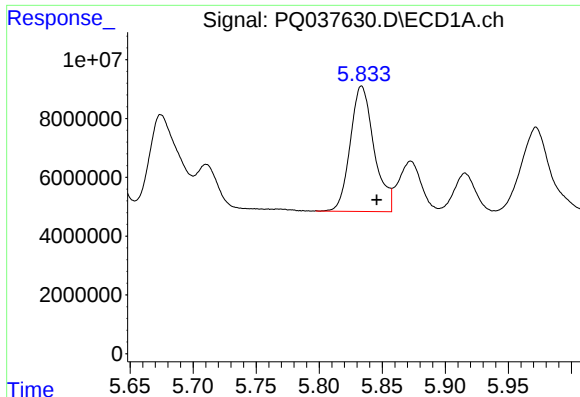
#6 AR-1016-4

R.T.: 5.550 min
Delta R.T.: -0.011 min
Response: 60939396
Conc: 277.18 ng/ml



#6 AR-1016-4

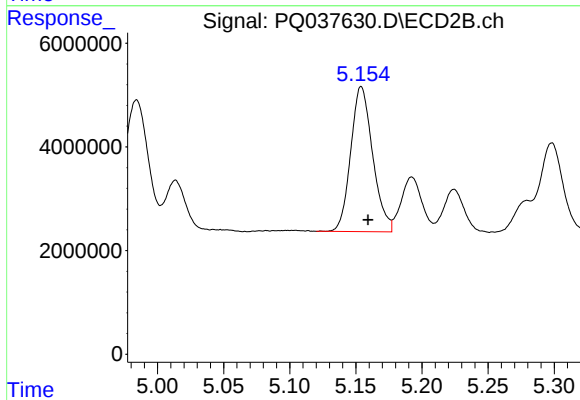
R.T.: 4.944 min
Delta R.T.: -0.005 min
Response: 25521994
Conc: 273.27 ng/ml



#7 AR-1016-5

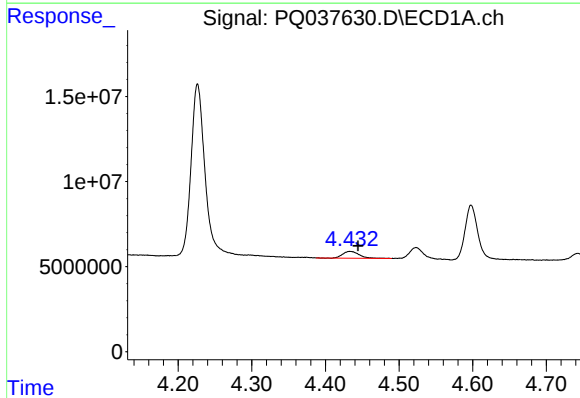
R.T.: 5.834 min
Delta R.T.: -0.012 min
Response: 56067256
Conc: 260.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



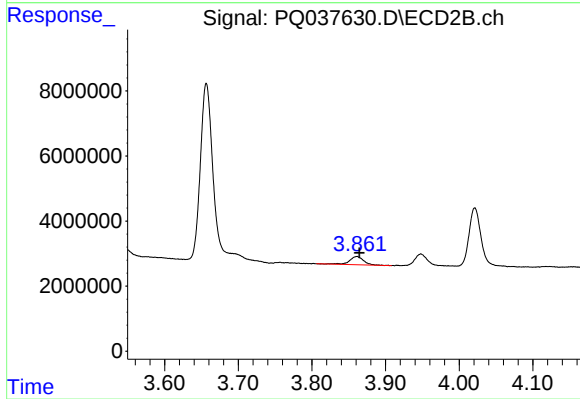
#7 AR-1016-5

R.T.: 5.154 min
Delta R.T.: -0.005 min
Response: 32296874
Conc: 257.85 ng/ml



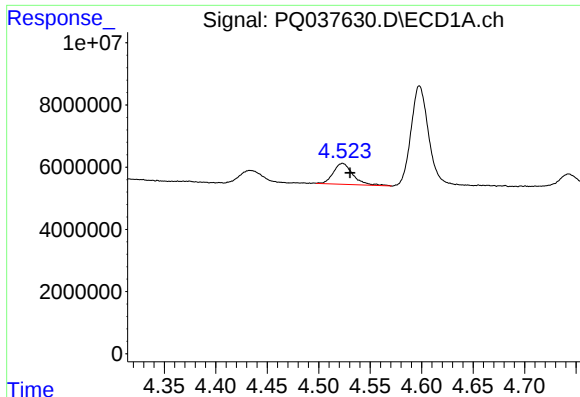
#8 AR-1221-1

R.T.: 4.433 min
Delta R.T.: -0.011 min
Response: 6165413
Conc: 98.39 ng/ml



#8 AR-1221-1

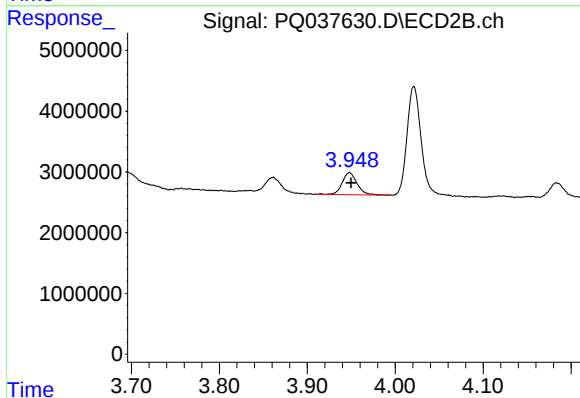
R.T.: 3.861 min
Delta R.T.: -0.003 min
Response: 3334045
Conc: 97.98 ng/ml



#9 AR-1221-2

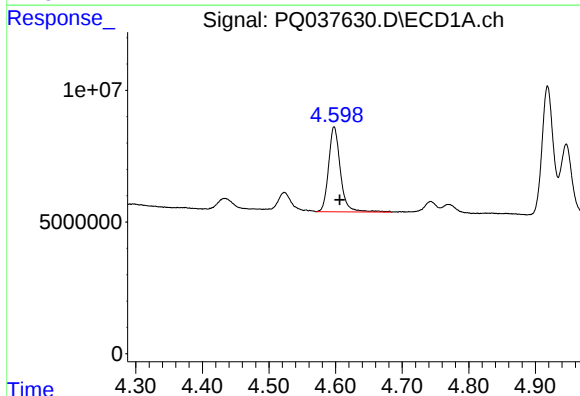
R.T.: 4.523 min
Delta R.T.: -0.007 min
Response: 8961264
Conc: 203.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



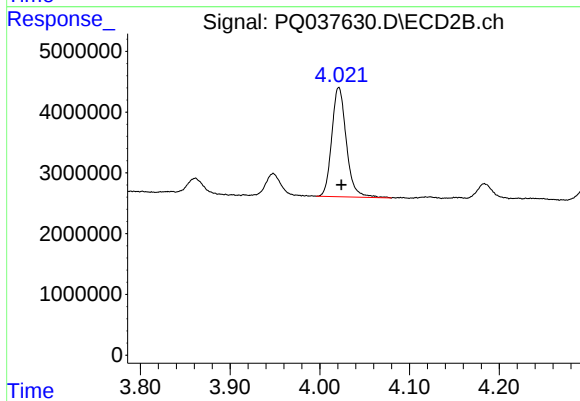
#9 AR-1221-2

R.T.: 3.948 min
Delta R.T.: -0.002 min
Response: 4289782
Conc: 178.86 ng/ml



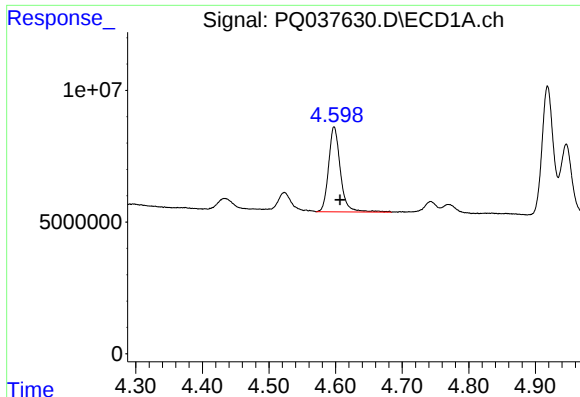
#10 AR-1221-3

R.T.: 4.598 min
Delta R.T.: -0.008 min
Response: 39661144
Conc: 258.03 ng/ml



#10 AR-1221-3

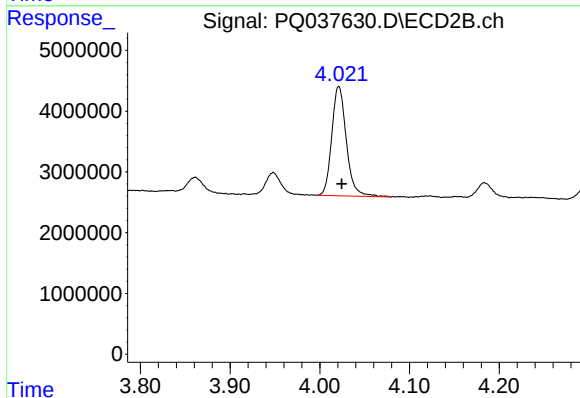
R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 20287818
Conc: 239.90 ng/ml



#11 AR-1232-1

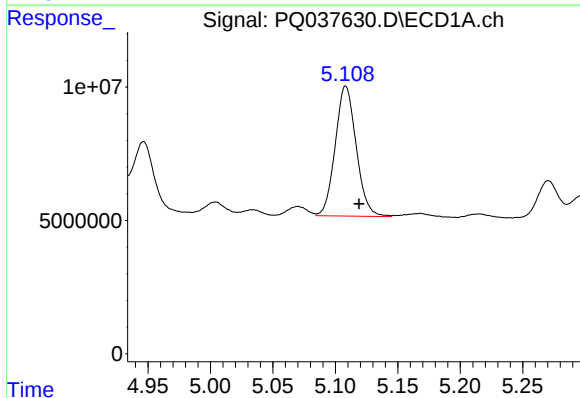
R.T.: 4.598 min
Delta R.T.: -0.009 min
Response: 39661144
Conc: 347.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



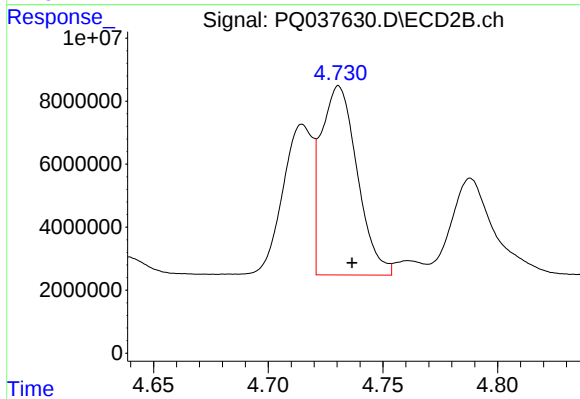
#11 AR-1232-1

R.T.: 4.021 min
Delta R.T.: -0.003 min
Response: 20287818
Conc: 327.74 ng/ml



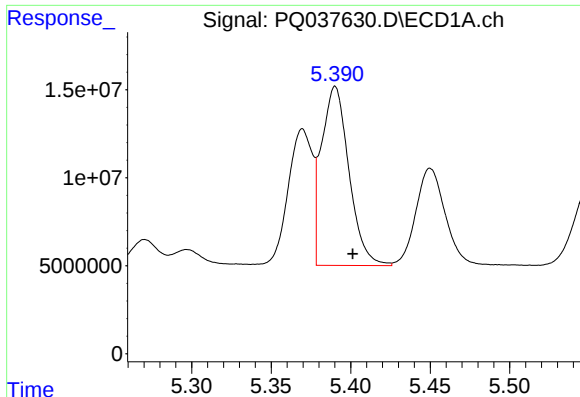
#12 AR-1232-2

R.T.: 5.108 min
Delta R.T.: -0.011 min
Response: 57127503
Conc: 977.17 ng/ml



#12 AR-1232-2

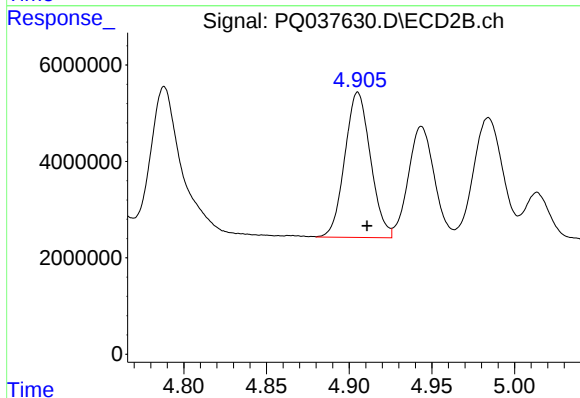
R.T.: 4.731 min
Delta R.T.: -0.006 min
Response: 65966504
Conc: 960.03 ng/ml



#13 AR-1232-3

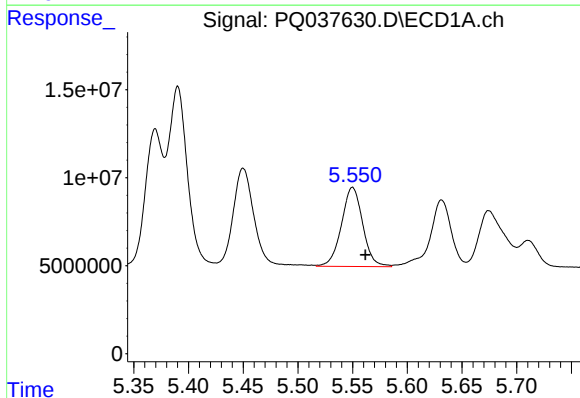
R.T.: 5.390 min
Delta R.T.: -0.011 min
Response: 122631559
Conc: 981.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



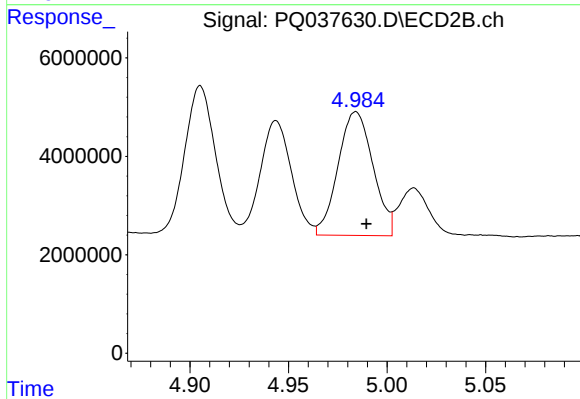
#13 AR-1232-3

R.T.: 4.905 min
Delta R.T.: -0.006 min
Response: 32610827
Conc: 936.44 ng/ml



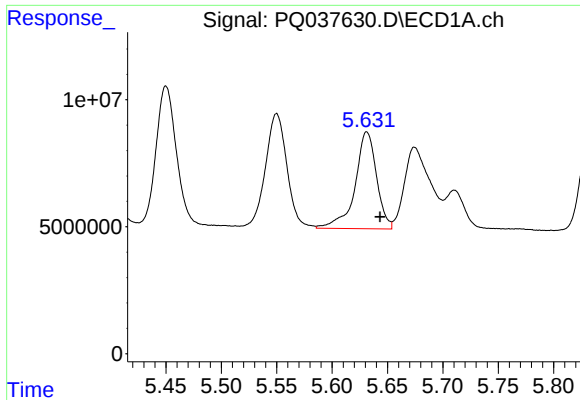
#14 AR-1232-4

R.T.: 5.550 min
Delta R.T.: -0.012 min
Response: 60939396
Conc: 953.62 ng/ml



#14 AR-1232-4

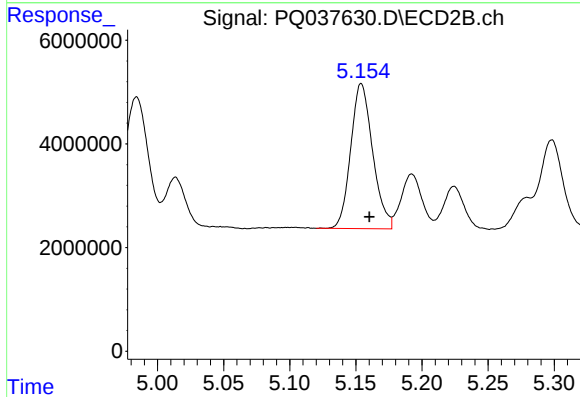
R.T.: 4.984 min
Delta R.T.: -0.005 min
Response: 31042607
Conc: 1052.80 ng/ml



#15 AR-1232-5

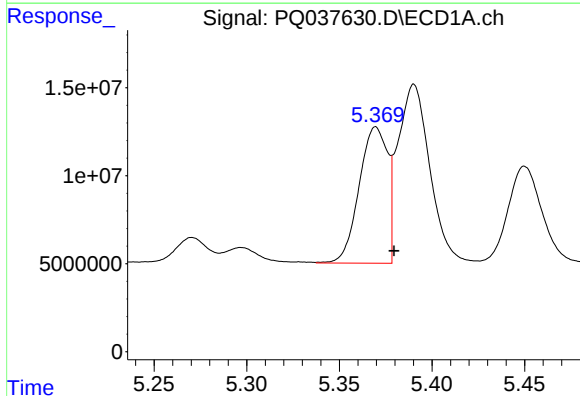
R.T.: 5.631 min
Delta R.T.: -0.012 min
Response: 51681735
Conc: 1133.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



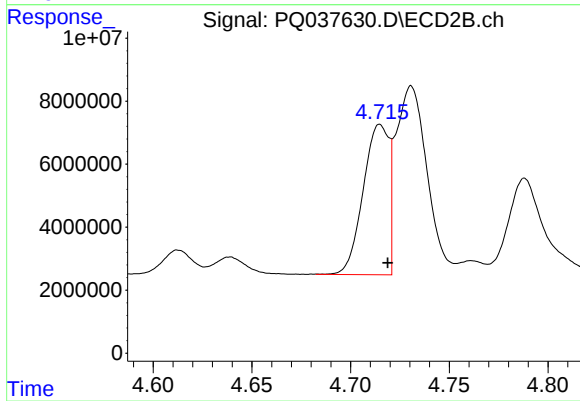
#15 AR-1232-5

R.T.: 5.154 min
Delta R.T.: -0.006 min
Response: 32296874
Conc: 950.36 ng/ml



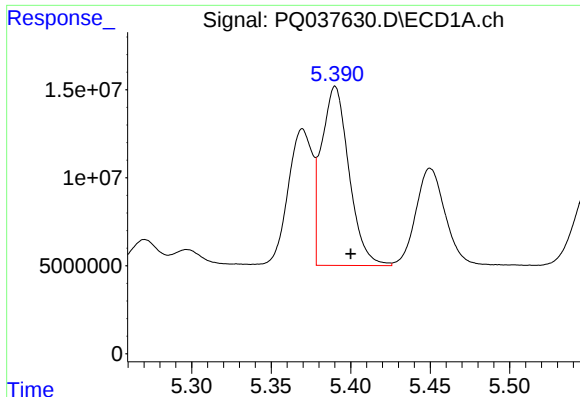
#16 AR-1242-1

R.T.: 5.370 min
Delta R.T.: -0.010 min
Response: 82338186
Conc: 501.95 ng/ml



#16 AR-1242-1

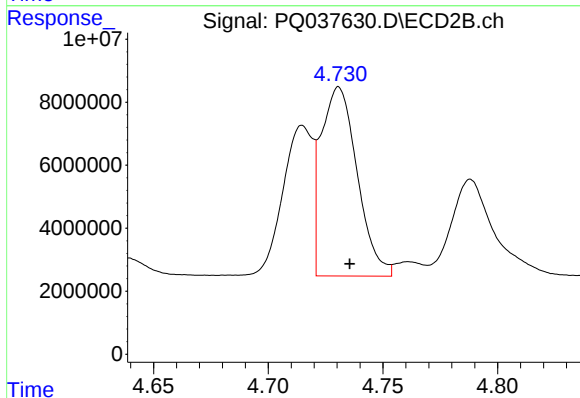
R.T.: 4.715 min
Delta R.T.: -0.004 min
Response: 43019264
Conc: 478.91 ng/ml



#17 AR-1242-2

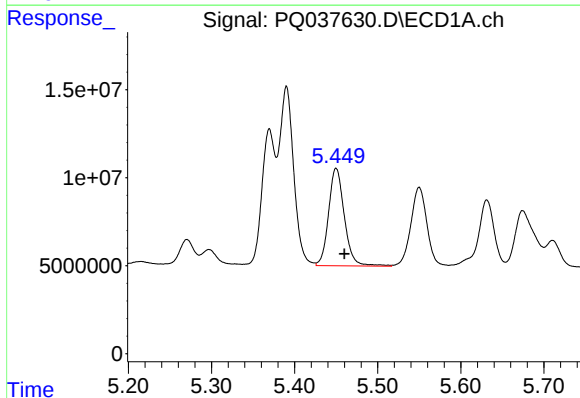
R.T.: 5.390 min
Delta R.T.: -0.010 min
Response: 122631559
Conc: 486.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



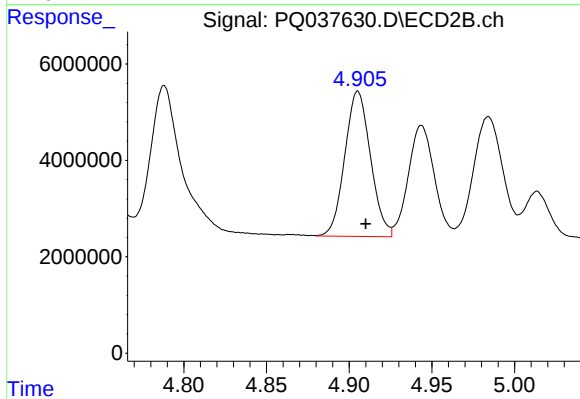
#17 AR-1242-2

R.T.: 4.731 min
Delta R.T.: -0.005 min
Response: 65966504
Conc: 483.75 ng/ml



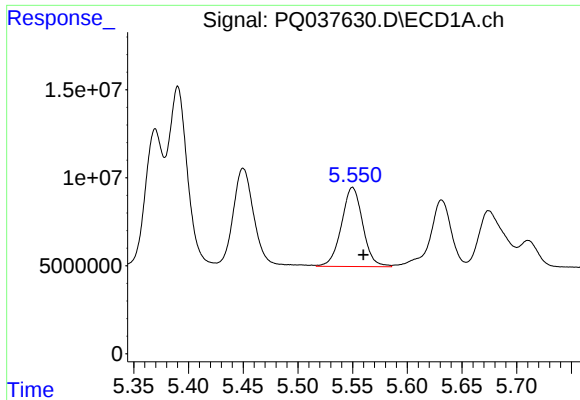
#18 AR-1242-3

R.T.: 5.450 min
Delta R.T.: -0.010 min
Response: 73060140
Conc: 483.00 ng/ml



#18 AR-1242-3

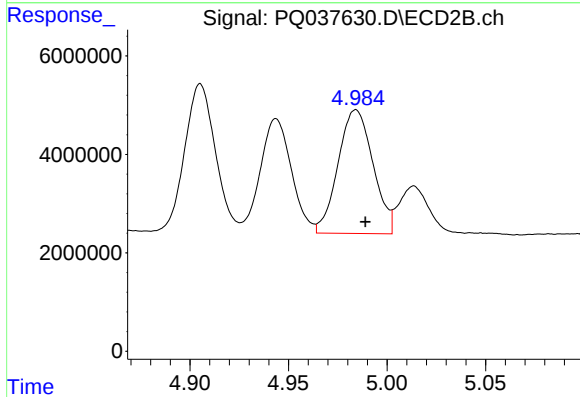
R.T.: 4.905 min
Delta R.T.: -0.005 min
Response: 32610827
Conc: 462.36 ng/ml



#19 AR-1242-4

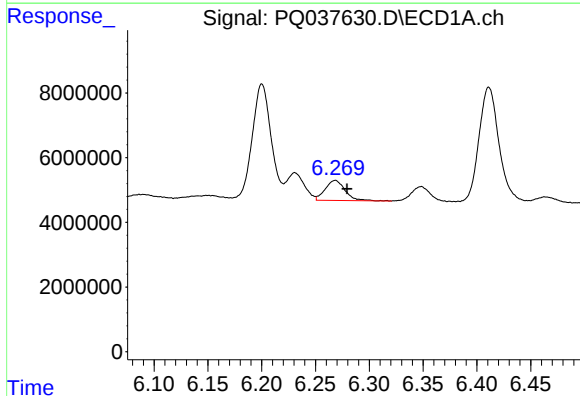
R.T.: 5.550 min
Delta R.T.: -0.010 min
Response: 60939396
Conc: 484.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



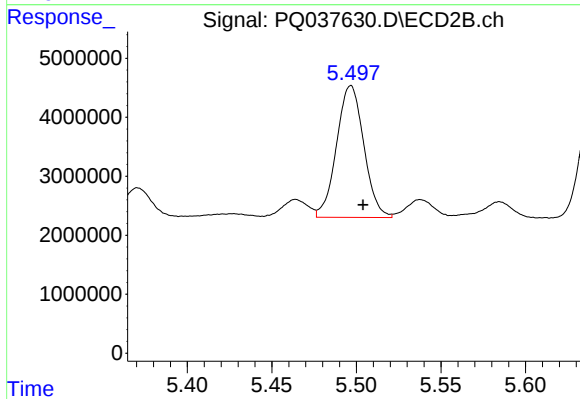
#19 AR-1242-4

R.T.: 4.984 min
Delta R.T.: -0.005 min
Response: 31042607
Conc: 452.42 ng/ml



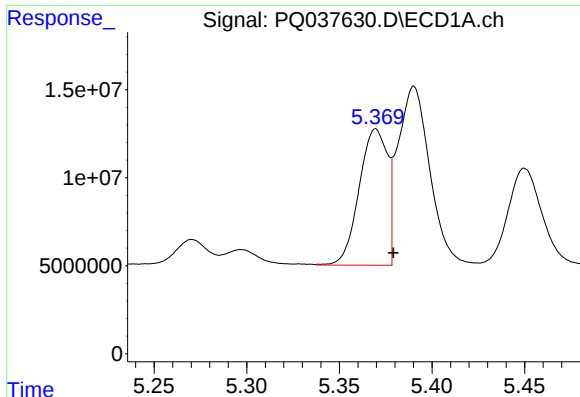
#20 AR-1242-5

R.T.: 6.268 min
Delta R.T.: -0.011 min
Response: 7996905
Conc: 57.62 ng/ml



#20 AR-1242-5

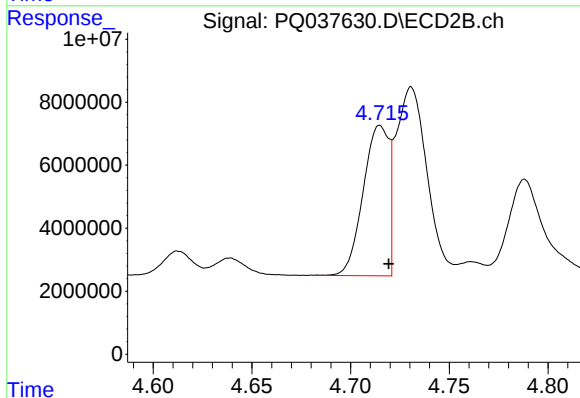
R.T.: 5.497 min
Delta R.T.: -0.007 min
Response: 25081590
Conc: 286.88 ng/ml



#21 AR-1248-1

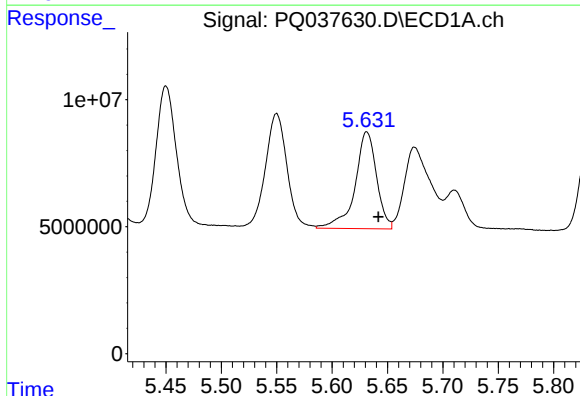
R.T.: 5.370 min
Delta R.T.: -0.009 min
Response: 82338186
Conc: 699.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



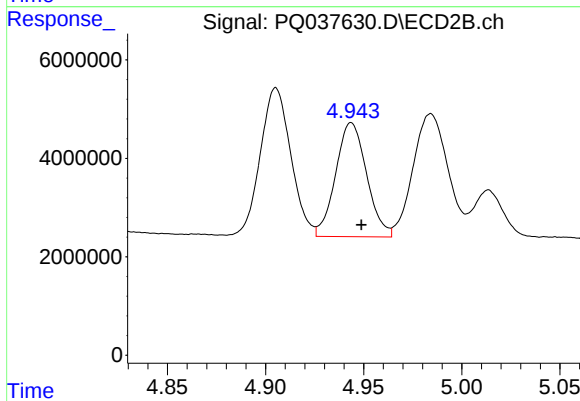
#21 AR-1248-1

R.T.: 4.715 min
Delta R.T.: -0.004 min
Response: 43019264
Conc: 644.89 ng/ml



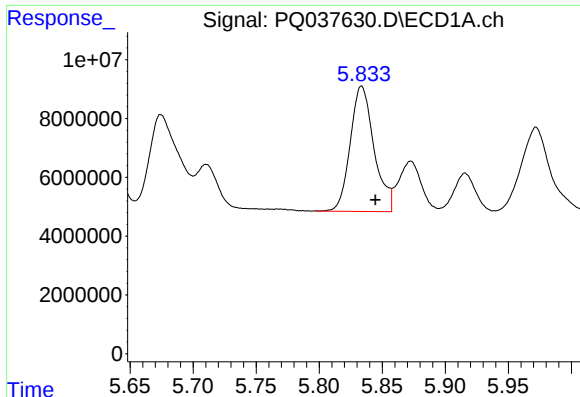
#22 AR-1248-2

R.T.: 5.631 min
Delta R.T.: -0.011 min
Response: 51681735
Conc: 301.25 ng/ml



#22 AR-1248-2

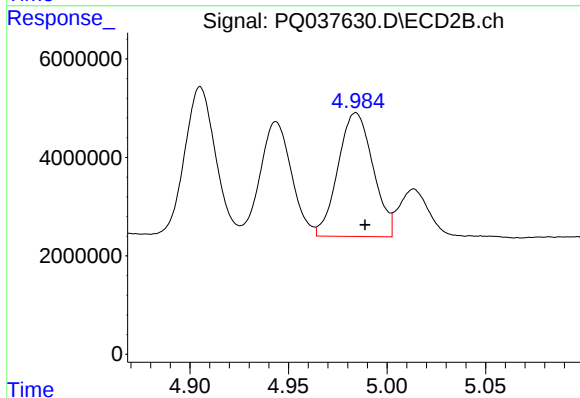
R.T.: 4.944 min
Delta R.T.: -0.005 min
Response: 25521994
Conc: 282.32 ng/ml



#23 AR-1248-3

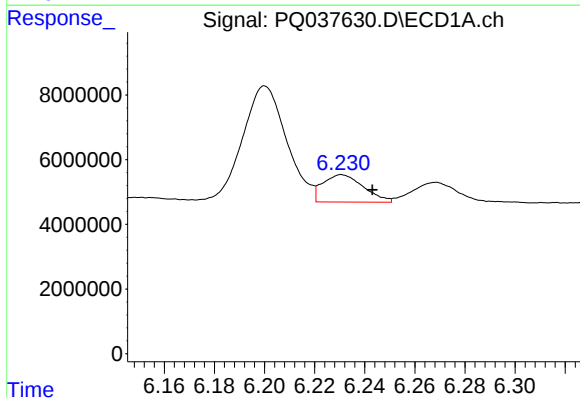
R.T.: 5.834 min
Delta R.T.: -0.011 min
Response: 56067256
Conc: 288.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



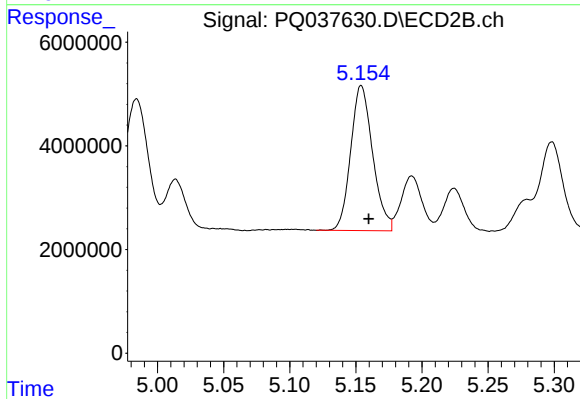
#23 AR-1248-3

R.T.: 4.984 min
Delta R.T.: -0.005 min
Response: 31042607
Conc: 336.35 ng/ml



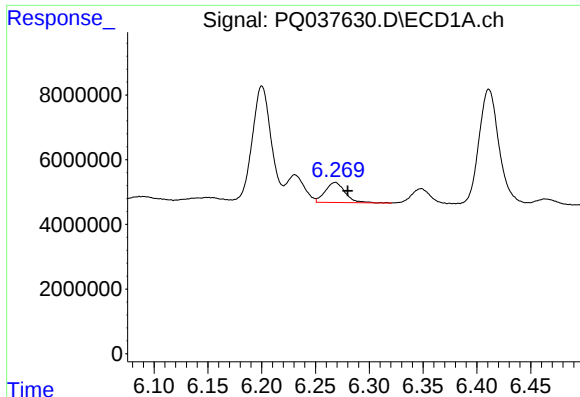
#24 AR-1248-4

R.T.: 6.231 min
Delta R.T.: -0.012 min
Response: 9530101
Conc: 41.91 ng/ml



#24 AR-1248-4

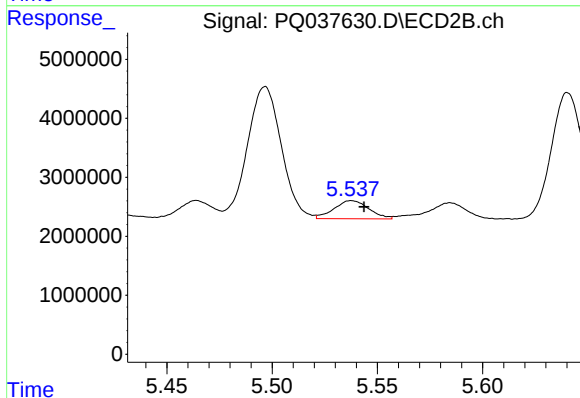
R.T.: 5.154 min
Delta R.T.: -0.006 min
Response: 32296874
Conc: 284.60 ng/ml



#25 AR-1248-5

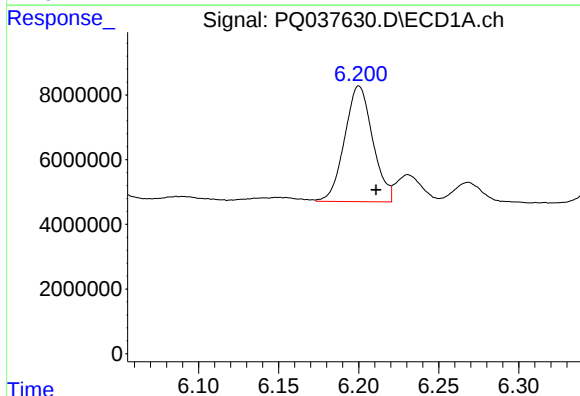
R.T.: 6.268 min
Delta R.T.: -0.012 min
Response: 7996905
Conc: 37.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



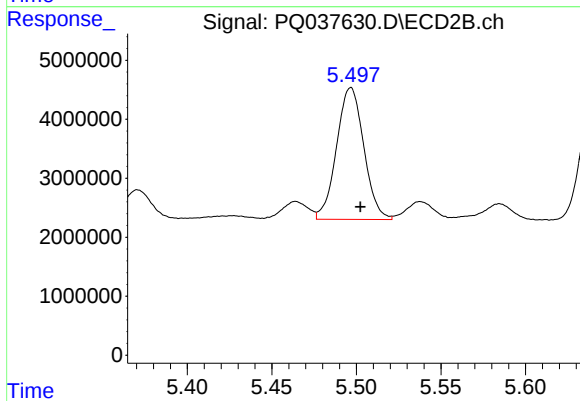
#25 AR-1248-5

R.T.: 5.538 min
Delta R.T.: -0.006 min
Response: 3541706
Conc: 32.26 ng/ml



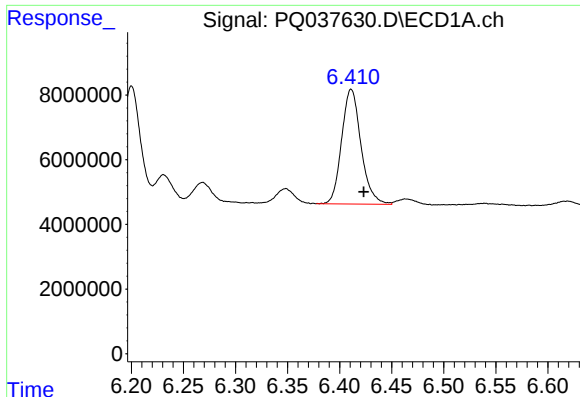
#26 AR-1254-1

R.T.: 6.200 min
Delta R.T.: -0.011 min
Response: 43660589
Conc: 206.15 ng/ml



#26 AR-1254-1

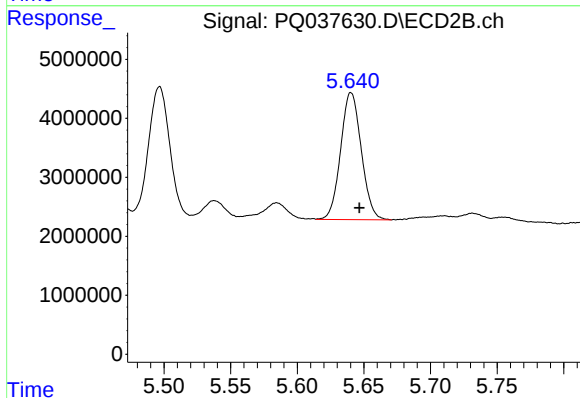
R.T.: 5.497 min
Delta R.T.: -0.006 min
Response: 25081590
Conc: 151.26 ng/ml



#27 AR-1254-2

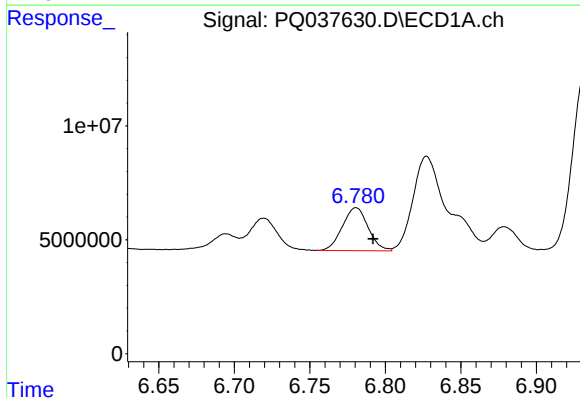
R.T.: 6.411 min
Delta R.T.: -0.012 min
Response: 46007839
Conc: 137.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



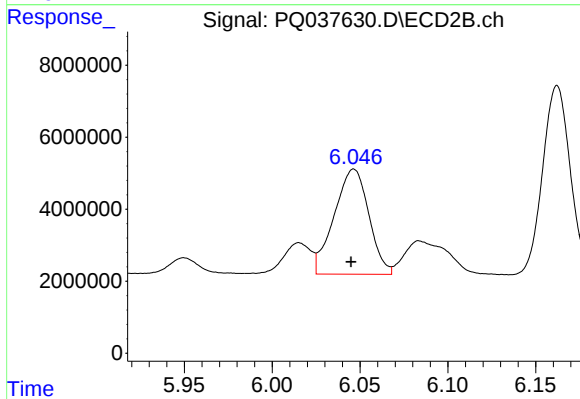
#27 AR-1254-2

R.T.: 5.640 min
Delta R.T.: -0.006 min
Response: 23274979
Conc: 163.43 ng/ml



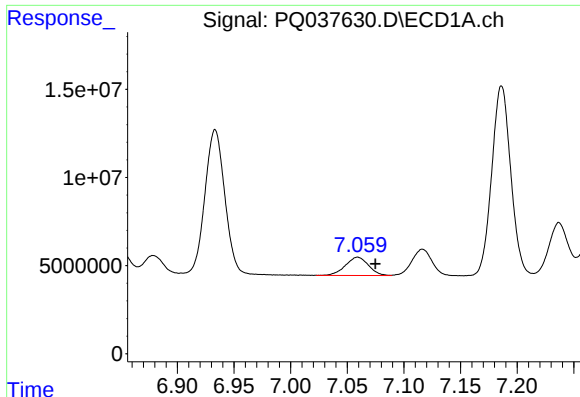
#28 AR-1254-3

R.T.: 6.781 min
Delta R.T.: -0.011 min
Response: 22467020
Conc: 64.74 ng/ml



#28 AR-1254-3

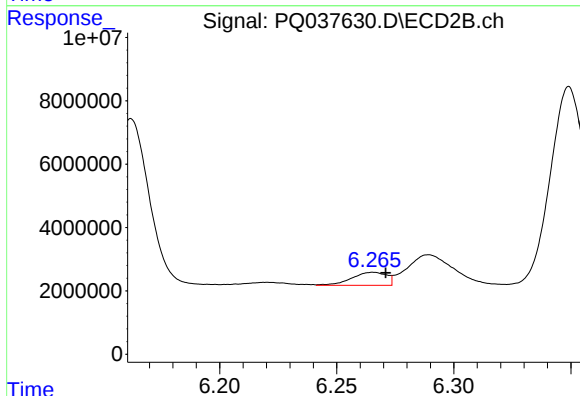
R.T.: 6.046 min
Delta R.T.: 0.002 min
Response: 40074322
Conc: 175.64 ng/ml



#29 AR-1254-4

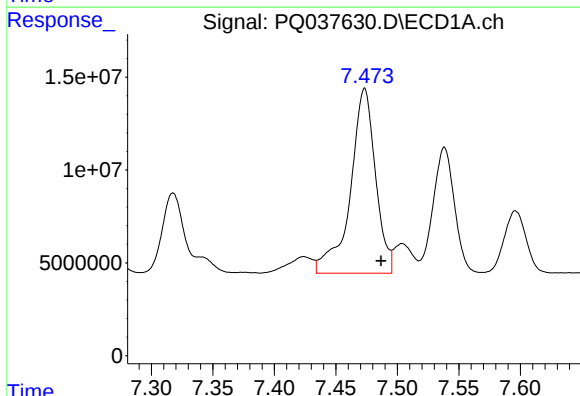
R.T.: 7.059 min
Delta R.T.: -0.016 min
Response: 14751017
Conc: 53.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



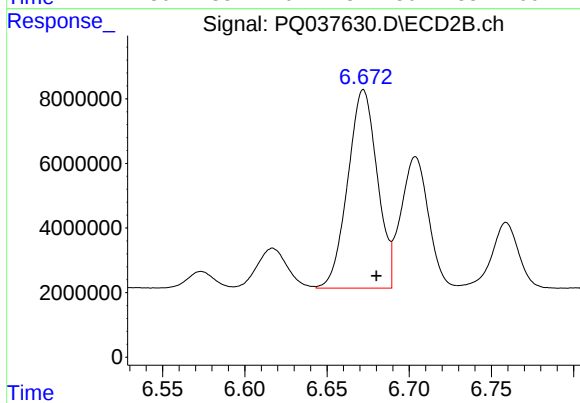
#29 AR-1254-4

R.T.: 6.266 min
Delta R.T.: -0.005 min
Response: 4227515
Conc: 24.62 ng/ml



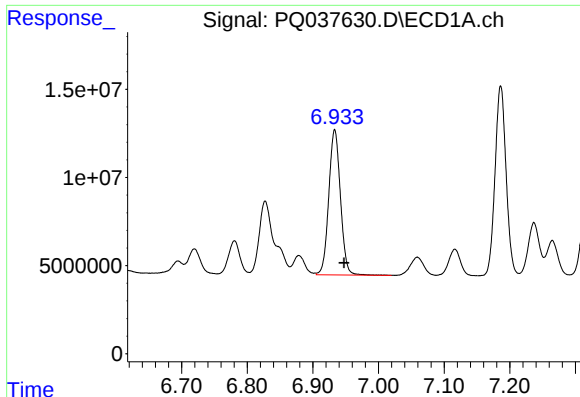
#30 AR-1254-5

R.T.: 7.473 min
Delta R.T.: -0.013 min
Response: 142072585
Conc: 514.04 ng/ml



#30 AR-1254-5

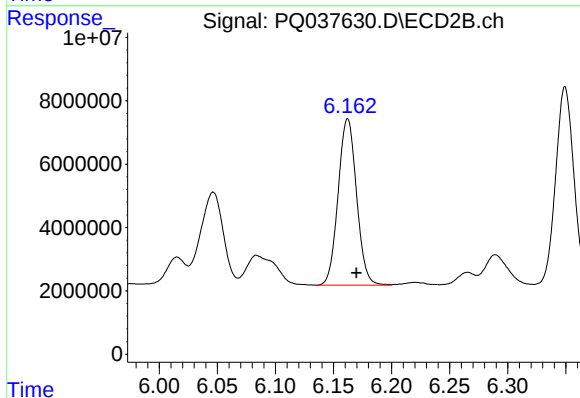
R.T.: 6.672 min
Delta R.T.: -0.008 min
Response: 76866949
Conc: 396.98 ng/ml



#31 AR-1260-1

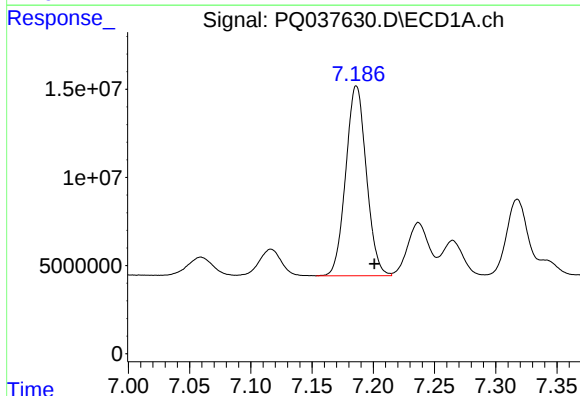
R.T.: 6.933 min
Delta R.T.: -0.014 min
Response: 101588096
Conc: 228.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



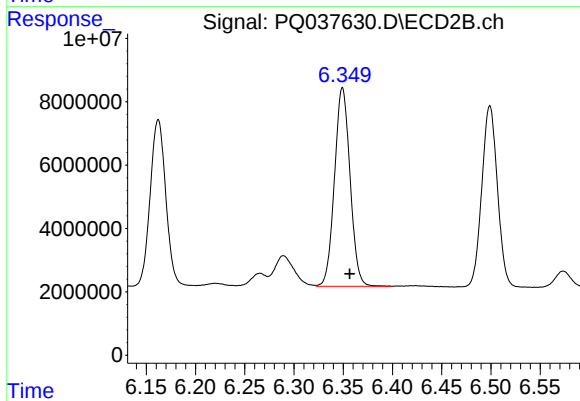
#31 AR-1260-1

R.T.: 6.162 min
Delta R.T.: -0.007 min
Response: 58099902
Conc: 229.16 ng/ml



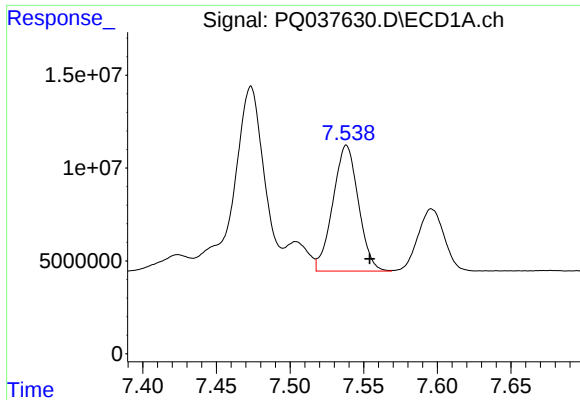
#32 AR-1260-2

R.T.: 7.186 min
Delta R.T.: -0.015 min
Response: 126284859
Conc: 218.41 ng/ml



#32 AR-1260-2

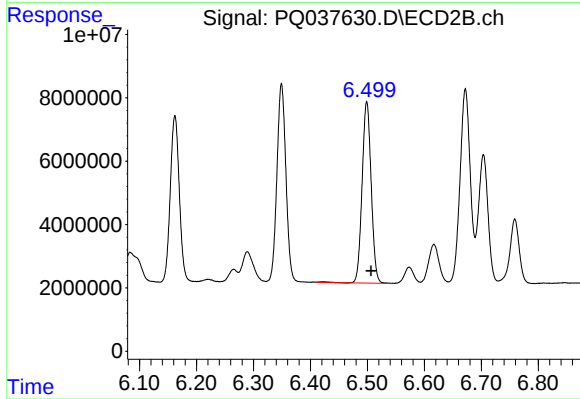
R.T.: 6.349 min
Delta R.T.: -0.007 min
Response: 69037149
Conc: 224.61 ng/ml



#33 AR-1260-3

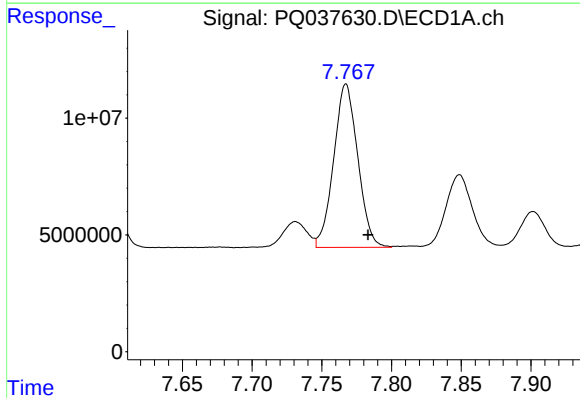
R.T.: 7.538 min
Delta R.T.: -0.016 min
Response: 81893995
Conc: 183.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



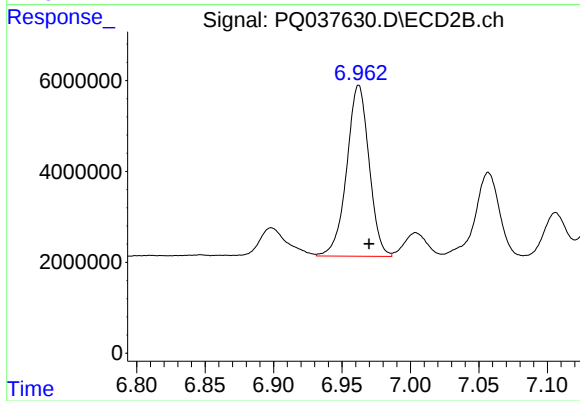
#33 AR-1260-3

R.T.: 6.499 min
Delta R.T.: -0.007 min
Response: 63480275
Conc: 223.54 ng/ml



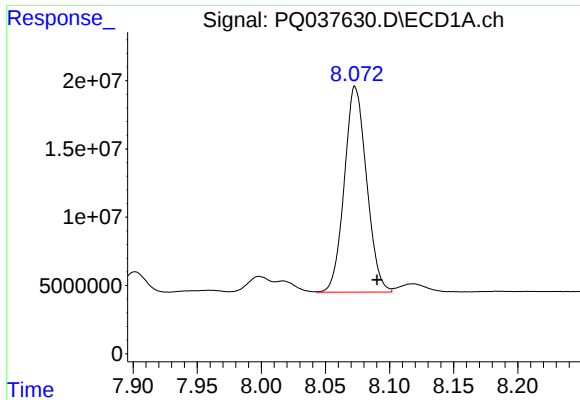
#34 AR-1260-4

R.T.: 7.767 min
Delta R.T.: -0.016 min
Response: 84193903
Conc: 192.23 ng/ml



#34 AR-1260-4

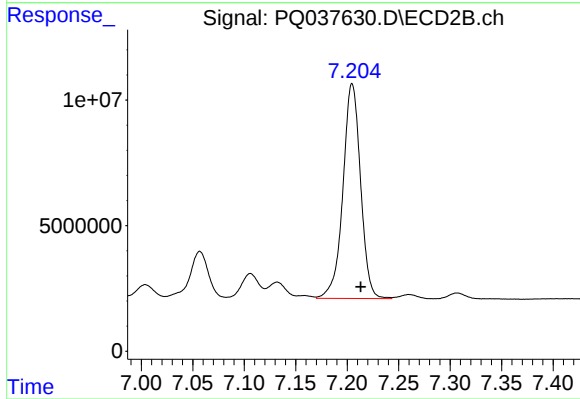
R.T.: 6.962 min
Delta R.T.: -0.008 min
Response: 42745285
Conc: 194.22 ng/ml



#35 AR-1260-5

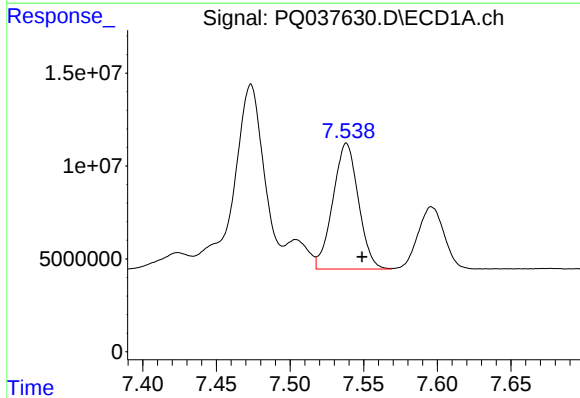
R.T.: 8.073 min
Delta R.T.: -0.017 min
Response: 181689917
Conc: 181.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



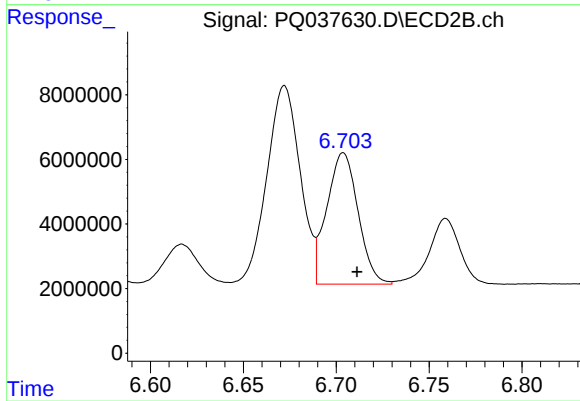
#35 AR-1260-5

R.T.: 7.205 min
Delta R.T.: -0.008 min
Response: 102116579
Conc: 193.41 ng/ml



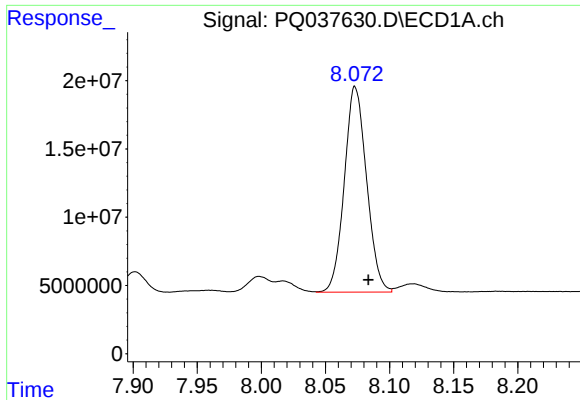
#36 AR-1262-1

R.T.: 7.538 min
Delta R.T.: -0.011 min
Response: 81893995
Conc: 205.03 ng/ml



#36 AR-1262-1

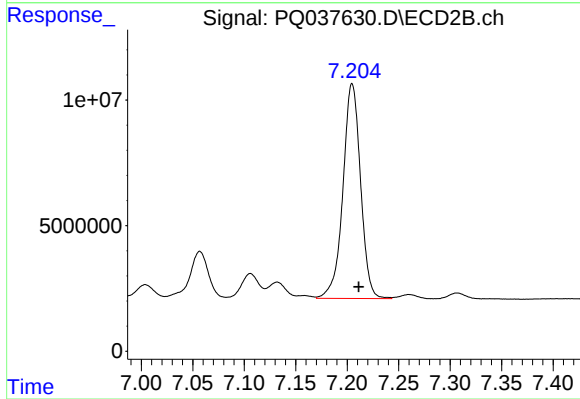
R.T.: 6.704 min
Delta R.T.: -0.007 min
Response: 47680407
Conc: 227.83 ng/ml



#37 AR-1262-2

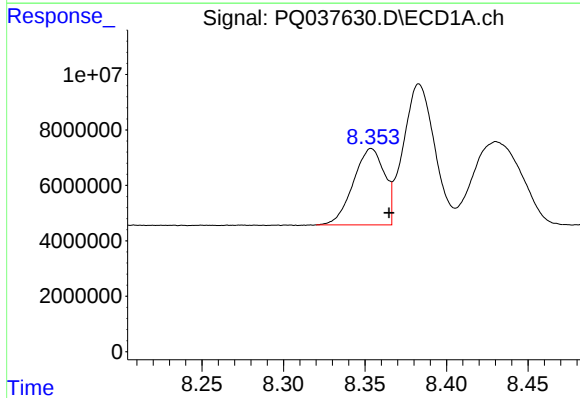
R.T.: 8.073 min
Delta R.T.: -0.010 min
Response: 181689917
Conc: 262.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



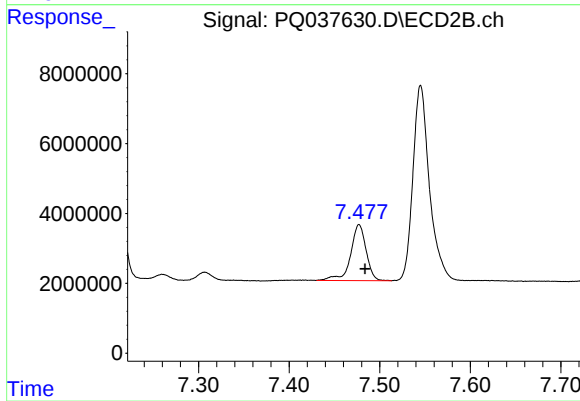
#37 AR-1262-2

R.T.: 7.205 min
Delta R.T.: -0.006 min
Response: 102116579
Conc: 275.65 ng/ml



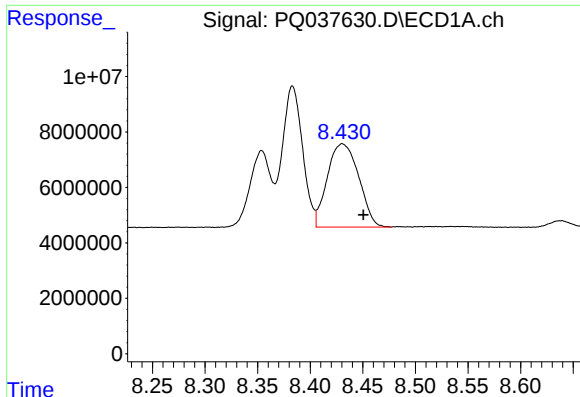
#38 AR-1262-3

R.T.: 8.354 min
Delta R.T.: -0.011 min
Response: 36556765
Conc: 122.09 ng/ml



#38 AR-1262-3

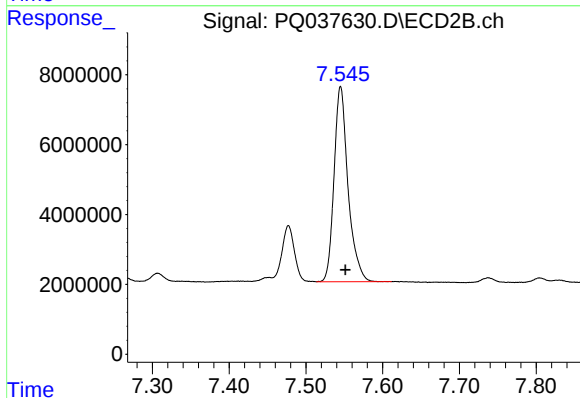
R.T.: 7.477 min
Delta R.T.: -0.006 min
Response: 19108178
Conc: 130.73 ng/ml



#39 AR-1262-4

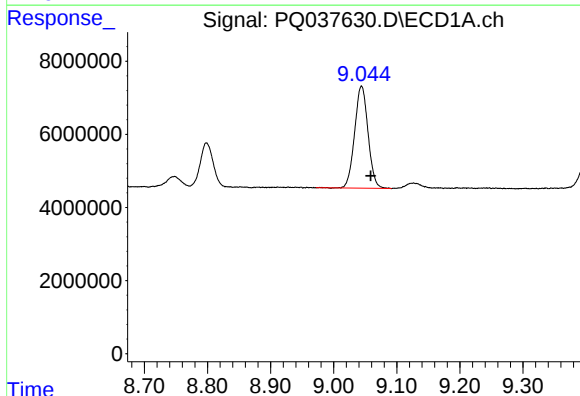
R.T.: 8.431 min
Delta R.T.: -0.020 min
Response: 62345895
Conc: 177.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



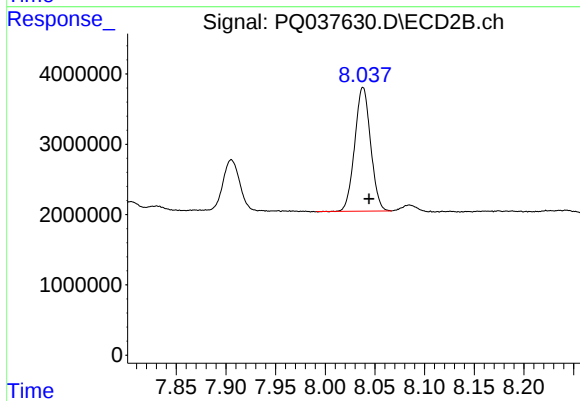
#39 AR-1262-4

R.T.: 7.545 min
Delta R.T.: -0.006 min
Response: 70719374
Conc: 265.18 ng/ml



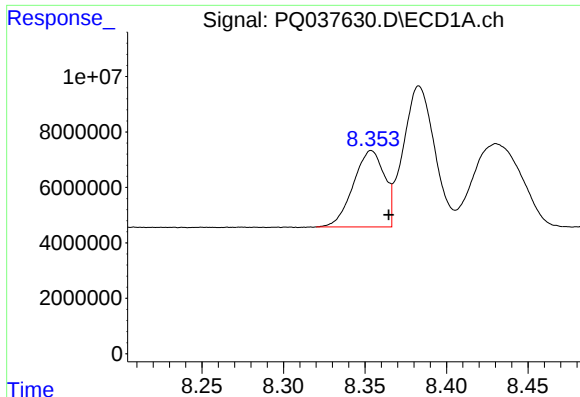
#40 AR-1262-5

R.T.: 9.044 min
Delta R.T.: -0.015 min
Response: 41204624
Conc: 172.77 ng/ml



#40 AR-1262-5

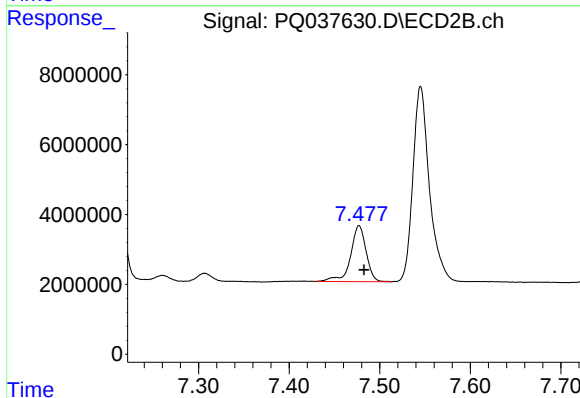
R.T.: 8.038 min
Delta R.T.: -0.006 min
Response: 19618190
Conc: 167.92 ng/ml



#41 AR-1268-1

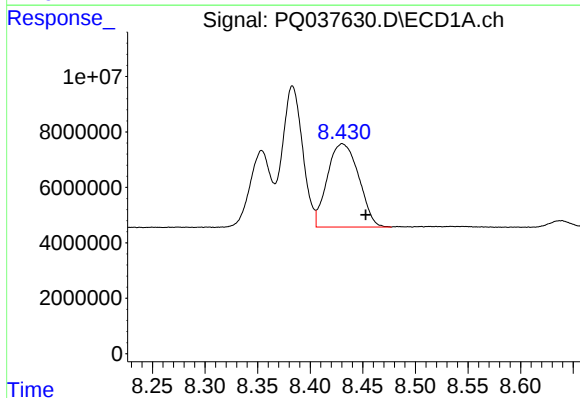
R.T.: 8.354 min
Delta R.T.: -0.011 min
Response: 36556765
Conc: 27.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



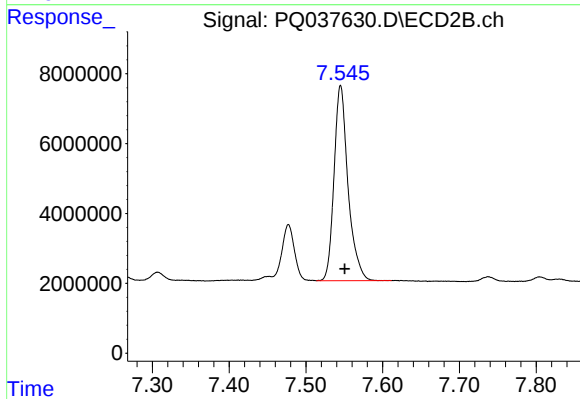
#41 AR-1268-1

R.T.: 7.477 min
Delta R.T.: -0.005 min
Response: 19108178
Conc: 29.17 ng/ml



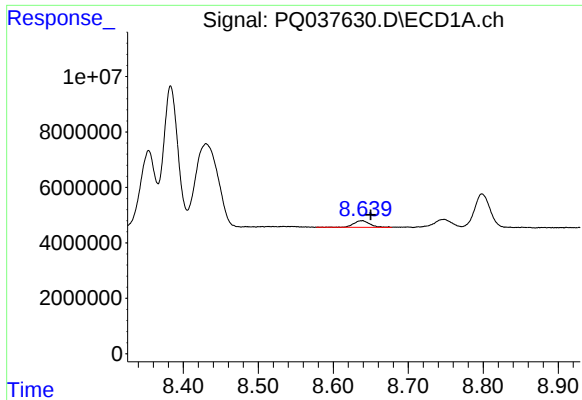
#42 AR-1268-2

R.T.: 8.431 min
Delta R.T.: -0.022 min
Response: 62345895
Conc: 50.61 ng/ml



#42 AR-1268-2

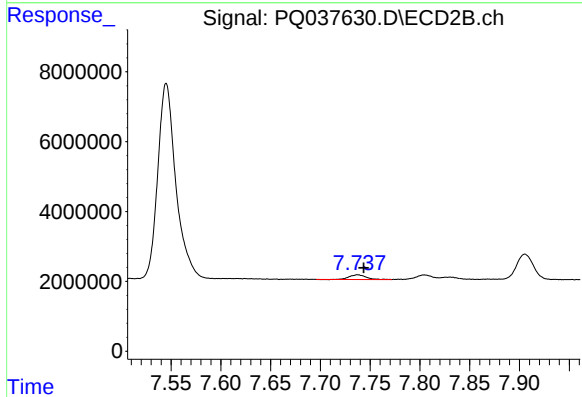
R.T.: 7.545 min
Delta R.T.: -0.005 min
Response: 70719374
Conc: 118.25 ng/ml



#43 AR-1268-3

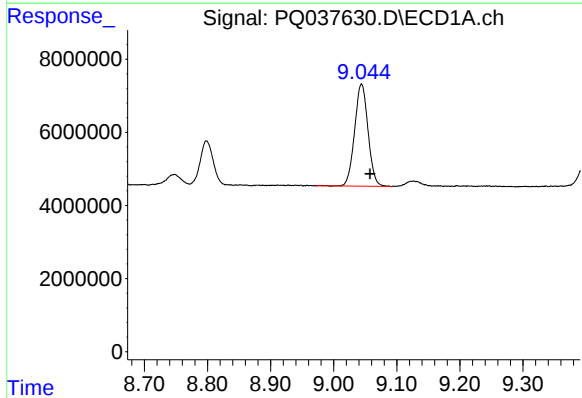
R.T.: 8.638 min
Delta R.T.: -0.012 min
Response: 3534299
Conc: 3.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



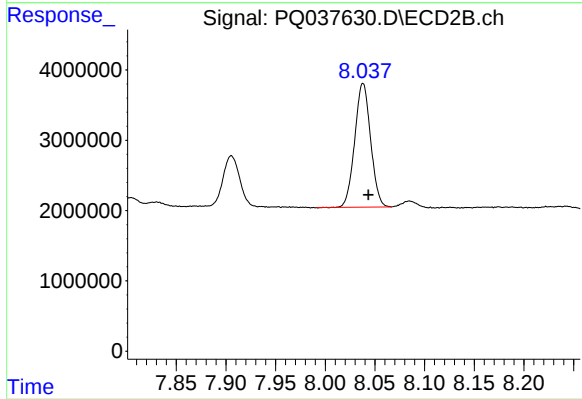
#43 AR-1268-3

R.T.: 7.738 min
Delta R.T.: -0.006 min
Response: 1582330
Conc: 3.18 ng/ml



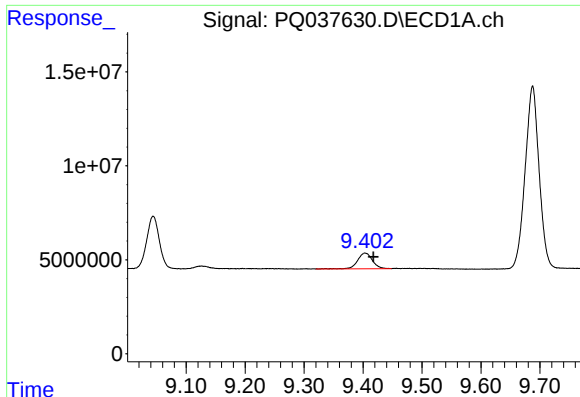
#44 AR-1268-4

R.T.: 9.044 min
Delta R.T.: -0.013 min
Response: 41204624
Conc: 103.31 ng/ml



#44 AR-1268-4

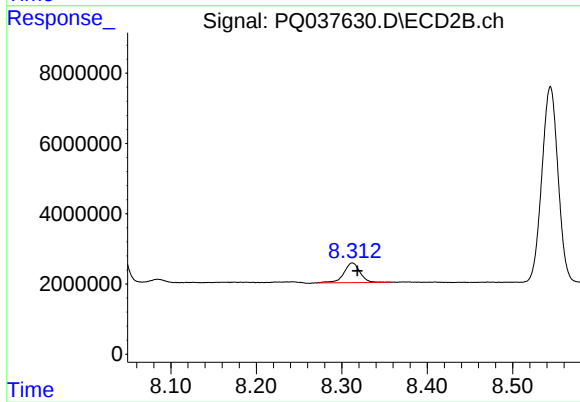
R.T.: 8.038 min
Delta R.T.: -0.006 min
Response: 19618190
Conc: 100.09 ng/ml



#45 AR-1268-5

R.T.: 9.403 min
Delta R.T.: -0.014 min
Response: 14549854
Conc: 4.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF7Y5MSD



#45 AR-1268-5

R.T.: 8.312 min
Delta R.T.: -0.006 min
Response: 7361180
Conc: 4.78 ng/ml