

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030419\
 Data File : PQ037760.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Mar 2019 16:31
 Operator : SM\SJ
 Sample : K1661-11MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BFC76MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 21:48:56 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...	4.216	3.653	146.9E6	77282617	25.824	29.340
2)	SA Decachlor...	9.669	8.536	180.6E6	92512660	35.751	39.876
Target Compounds							
3)	L1 AR-1016-1	5.379	4.726	135.2E6	76071530	467.846	493.074
4)	L1 AR-1016-2	5.379	4.726	135.2E6	76071530	302.584	316.906
5)	L1 AR-1016-3	5.439	4.900	80278120	37820172	305.433	310.592
6)	L1 AR-1016-4	5.539	4.938	66058576	29627632	300.468	317.232
7)	L1 AR-1016-5	5.861	5.148	23689890	37680107	110.209	300.824 #
8)	L2 AR-1221-1	4.424	3.856	7337073	3780976	117.092	111.120
9)	L2 AR-1221-2	4.513	3.944	9629686	5026545	218.677	209.575
10)	L2 AR-1221-3	4.588	4.017	43394326	24242474	282.317	286.668
11)	L3 AR-1232-1	4.588	4.017	43394326	24242474	380.245	391.624
12)	L3 AR-1232-2	5.098	4.726	65922528	76071530	1127.605	1107.096
13)	L3 AR-1232-3	5.379	4.900	135.2E6	37820172	1082.498	1086.026
14)	L3 AR-1232-4	5.539	4.978	66058576	36737133	1033.729	1245.931
15)	L3 AR-1232-5	5.663	5.148	56468264	37680107	1238.146	1108.765
16)	L4 AR-1242-1	5.379	4.726	135.2E6	76071530	824.323	846.862
17)	L4 AR-1242-2	5.379	4.726	135.2E6	76071530	536.483	557.856
18)	L4 AR-1242-3	5.439	4.900	80278120	37820172	530.722	536.218
19)	L4 AR-1242-4	5.539	4.978	66058576	36737133	524.788	535.415
20)	L4 AR-1242-5	6.258	5.490	8140957	29450065	58.663	336.844 #
21)	L5 AR-1248-1	5.379	4.726	135.2E6	76071530	1148.909	1140.361
22)	L5 AR-1248-2	5.663	4.938	56468264	29627632	329.148	327.733
23)	L5 AR-1248-3	5.861	4.978	23689890	36737133	121.936	398.048 #
24)	L5 AR-1248-4	6.258	5.148	8140957	37680107	35.805	332.043 #
25)	L5 AR-1248-5	6.258	5.532	8140957	4250728	37.695	38.717
26)	L6 AR-1254-1	6.220	5.490	9531492	29450065	45.004	177.611 #
27)	L6 AR-1254-2	6.399	5.635	50865141	26910602	151.686	188.961
28)	L6 AR-1254-3	6.769	6.041	24331707	47226885	70.108	206.989 #
29)	L6 AR-1254-4	7.048	6.283	15613924	14701550	56.418	85.604 #
30)	L6 AR-1254-5	7.493	6.666	19198068	87954029	69.462	454.243 #
31)	L7 AR-1260-1	6.921	6.155	110.0E6	68194924	247.657	268.978
32)	L7 AR-1260-2	7.225	6.343	39551457	79732442	68.405	259.401 #
33)	L7 AR-1260-3	7.527	6.493	92316144	74142676	206.643	261.086 #
34)	L7 AR-1260-4	7.756	6.955	91967170	49208299	209.974	223.581
35)	L7 AR-1260-5	8.107	7.199	11018223	117.0E6	10.992	221.667 #
36)	L8 AR-1262-1	7.527	6.697	92316144	55633702	231.121	265.831
37)	L8 AR-1262-2	8.062	7.199	201.4E6	117.0E6	290.742	315.928
38)	L8 AR-1262-3	8.372	7.471	69679180	21013782	232.710	143.772 #
39)	L8 AR-1262-4	8.418	7.539	65653004	80876835	186.847	303.272 #
40)	L8 AR-1262-5	9.030	8.032	45510536	22009162	190.829	188.387
41)	L9 AR-1268-1	8.372	7.471	69679180	21013782	51.976	32.080 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030419\
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 Acq On : 04 Mar 2019 16:31
 Operator : SM\SJ
 Sample : K1661-11MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

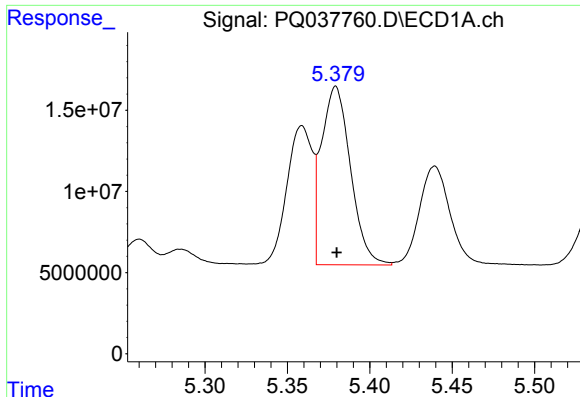
Instrument :
 ECD_Q
 ClientSampleId :
 BFC76MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 21:48:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
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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	8.418	7.539	65653004	80876835	53.296	135.235 #
43) L9	AR-1268-3	8.624	7.731	4773198	2090880	4.356	4.200
44) L9	AR-1268-4	9.030	8.032	45510536	22009162	114.102	112.291
45) L9	AR-1268-5	9.388	8.306	15852347	7497970	4.877	4.873

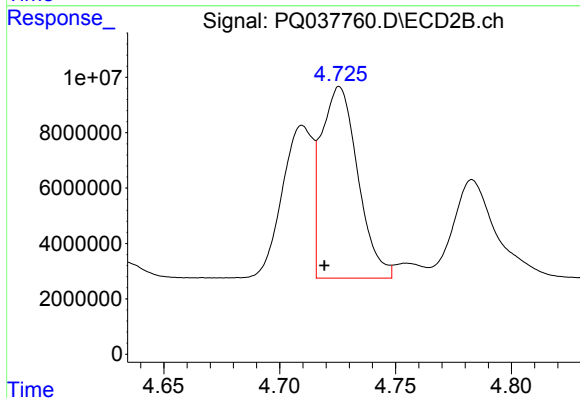
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

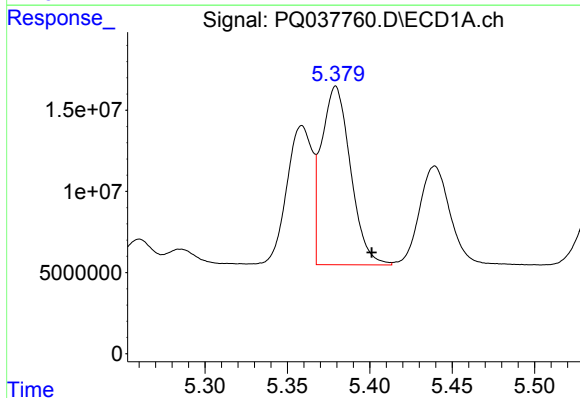
R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 135219221
Conc: 467.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



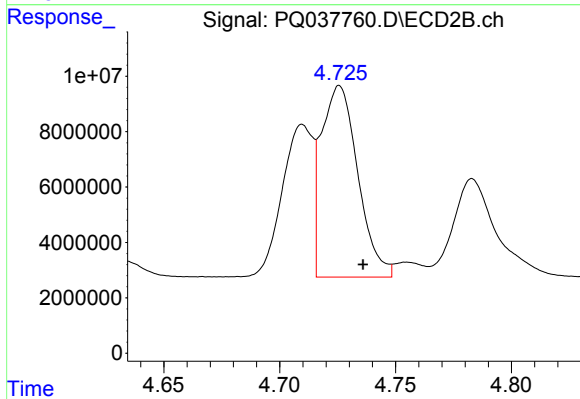
#3 AR-1016-1

R.T.: 4.726 min
Delta R.T.: 0.006 min
Response: 76071530
Conc: 493.07 ng/ml



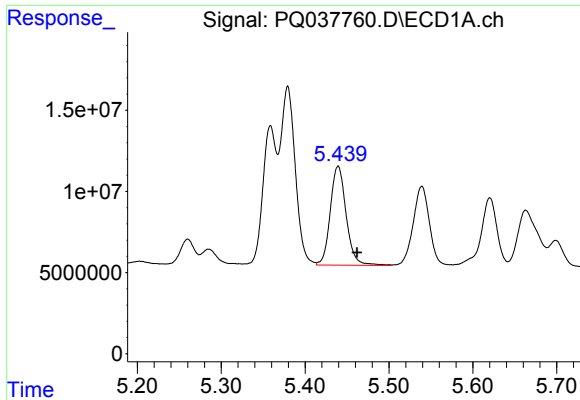
#4 AR-1016-2

R.T.: 5.379 min
Delta R.T.: -0.022 min
Response: 135219221
Conc: 302.58 ng/ml



#4 AR-1016-2

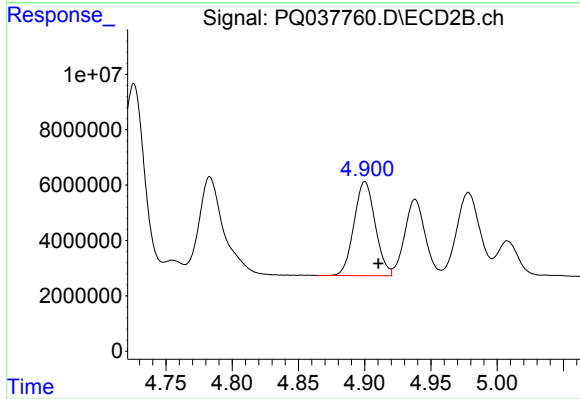
R.T.: 4.726 min
Delta R.T.: -0.010 min
Response: 76071530
Conc: 316.91 ng/ml



#5 AR-1016-3

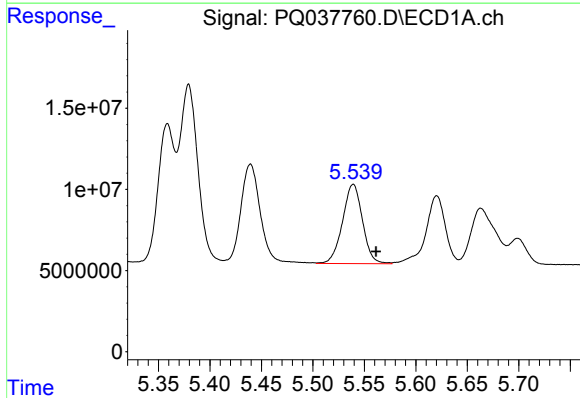
R.T.: 5.439 min
Delta R.T.: -0.022 min
Response: 80278120
Conc: 305.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



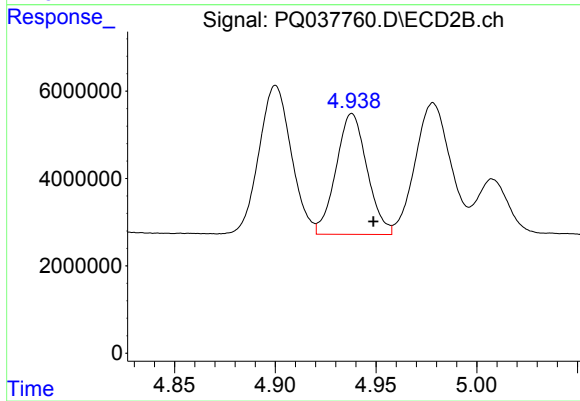
#5 AR-1016-3

R.T.: 4.900 min
Delta R.T.: -0.010 min
Response: 37820172
Conc: 310.59 ng/ml



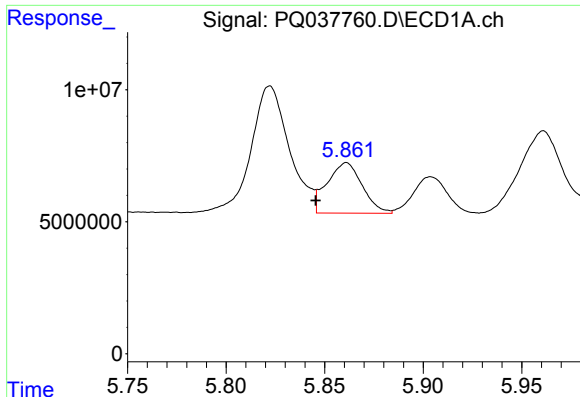
#6 AR-1016-4

R.T.: 5.539 min
Delta R.T.: -0.022 min
Response: 66058576
Conc: 300.47 ng/ml



#6 AR-1016-4

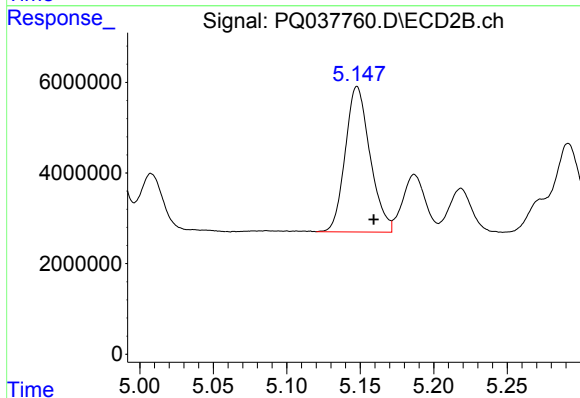
R.T.: 4.938 min
Delta R.T.: -0.011 min
Response: 29627632
Conc: 317.23 ng/ml



#7 AR-1016-5

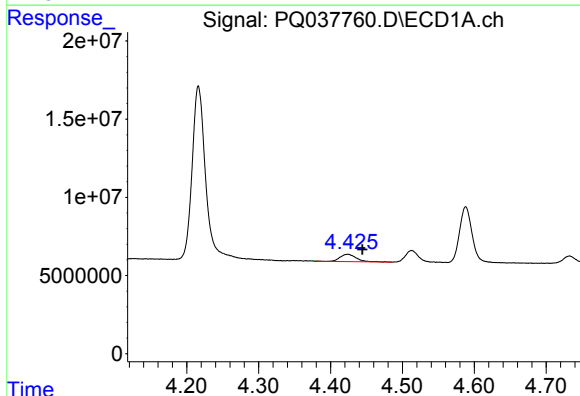
R.T.: 5.861 min
Delta R.T.: 0.016 min
Response: 23689890
Conc: 110.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



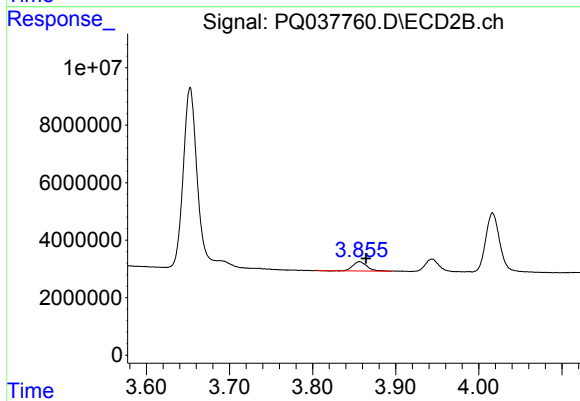
#7 AR-1016-5

R.T.: 5.148 min
Delta R.T.: -0.011 min
Response: 37680107
Conc: 300.82 ng/ml



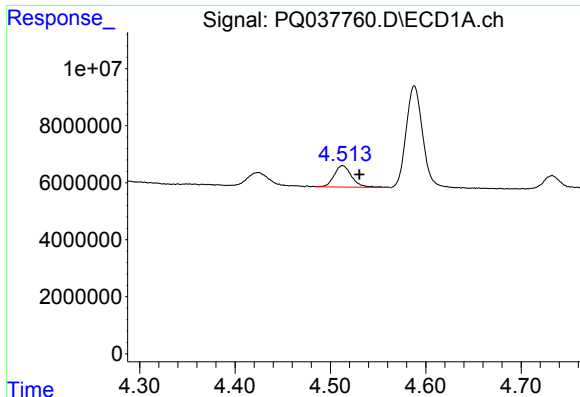
#8 AR-1221-1

R.T.: 4.424 min
Delta R.T.: -0.020 min
Response: 7337073
Conc: 117.09 ng/ml



#8 AR-1221-1

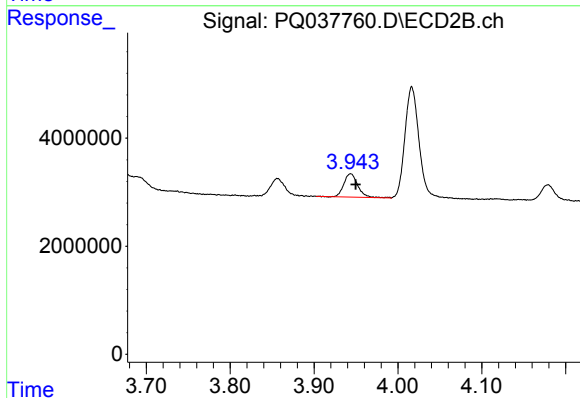
R.T.: 3.856 min
Delta R.T.: -0.008 min
Response: 3780976
Conc: 111.12 ng/ml



#9 AR-1221-2

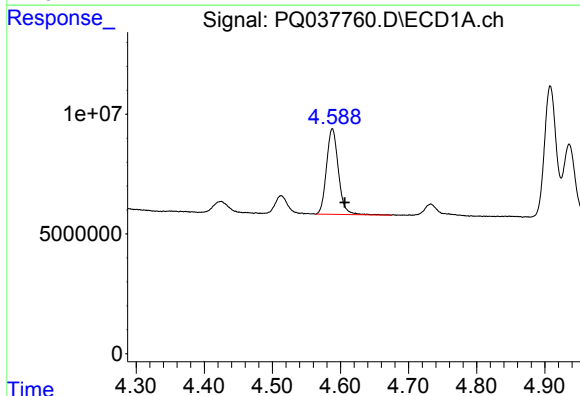
R.T.: 4.513 min
Delta R.T.: -0.018 min
Response: 9629686
Conc: 218.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



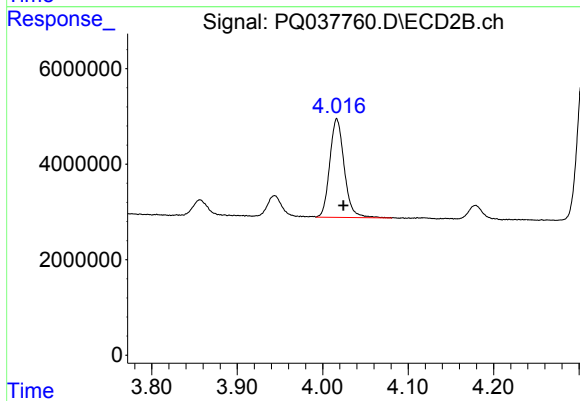
#9 AR-1221-2

R.T.: 3.944 min
Delta R.T.: -0.006 min
Response: 5026545
Conc: 209.57 ng/ml



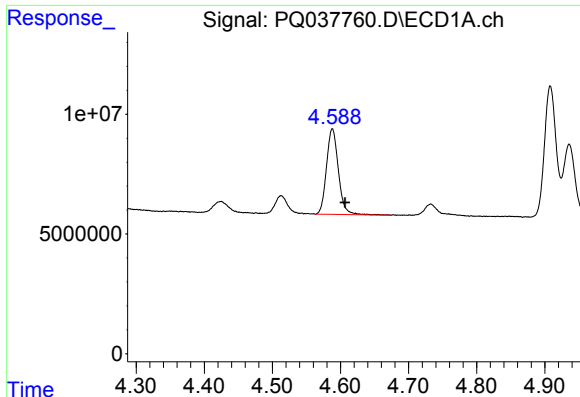
#10 AR-1221-3

R.T.: 4.588 min
Delta R.T.: -0.018 min
Response: 43394326
Conc: 282.32 ng/ml



#10 AR-1221-3

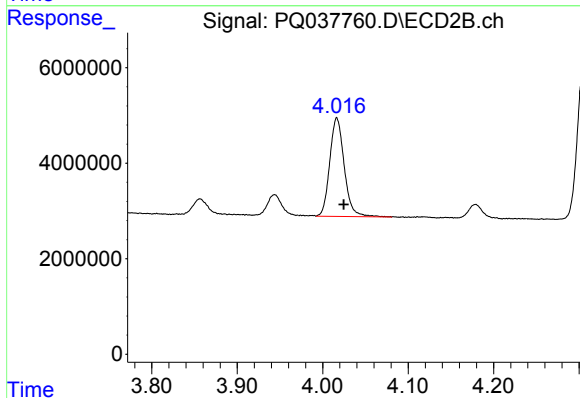
R.T.: 4.017 min
Delta R.T.: -0.007 min
Response: 24242474
Conc: 286.67 ng/ml



#11 AR-1232-1

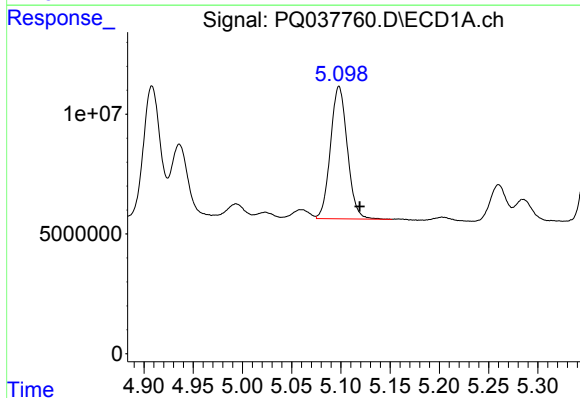
R.T.: 4.588 min
Delta R.T.: -0.019 min
Response: 43394326
Conc: 380.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



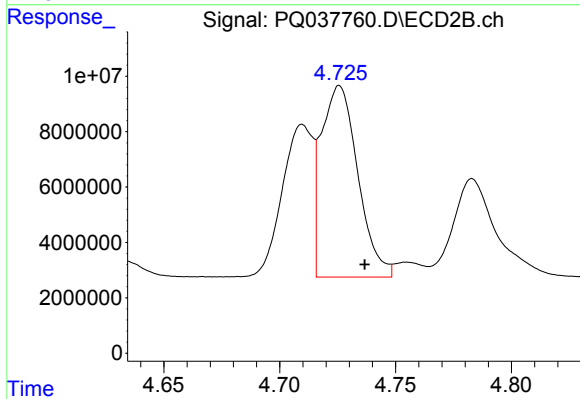
#11 AR-1232-1

R.T.: 4.017 min
Delta R.T.: -0.008 min
Response: 24242474
Conc: 391.62 ng/ml



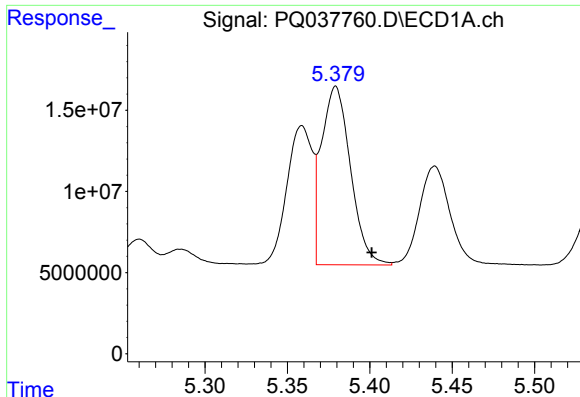
#12 AR-1232-2

R.T.: 5.098 min
Delta R.T.: -0.021 min
Response: 65922528
Conc: 1127.61 ng/ml



#12 AR-1232-2

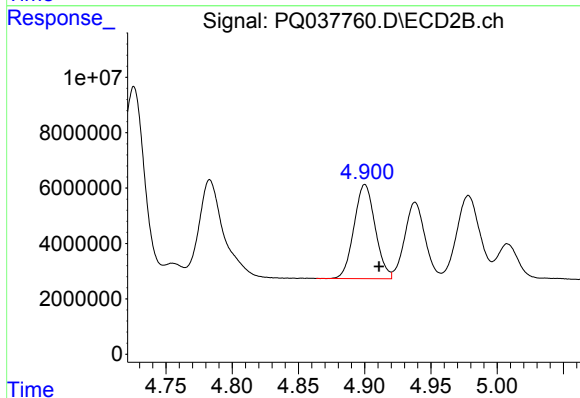
R.T.: 4.726 min
Delta R.T.: -0.011 min
Response: 76071530
Conc: 1107.10 ng/ml



#13 AR-1232-3

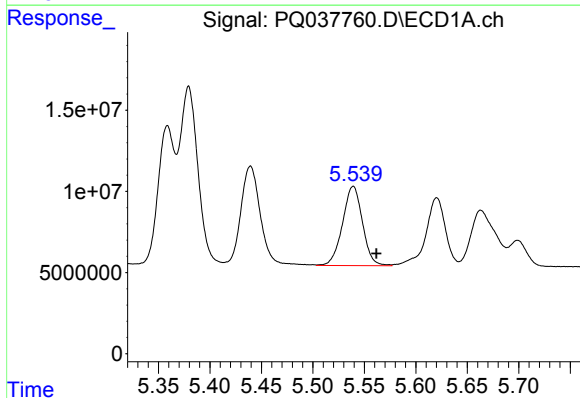
R.T.: 5.379 min
Delta R.T.: -0.022 min
Response: 135219221
Conc: 1082.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



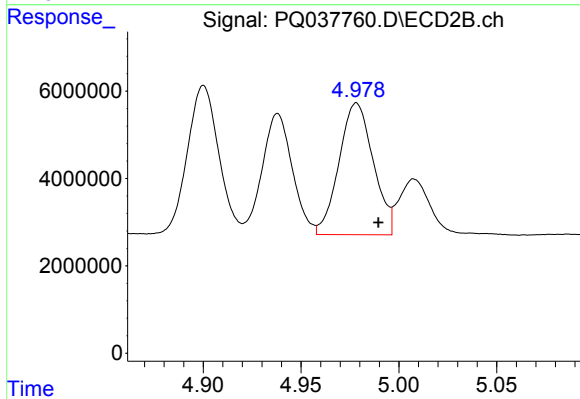
#13 AR-1232-3

R.T.: 4.900 min
Delta R.T.: -0.011 min
Response: 37820172
Conc: 1086.03 ng/ml



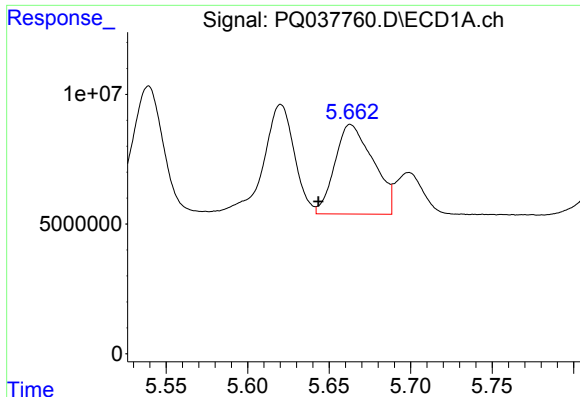
#14 AR-1232-4

R.T.: 5.539 min
Delta R.T.: -0.023 min
Response: 66058576
Conc: 1033.73 ng/ml



#14 AR-1232-4

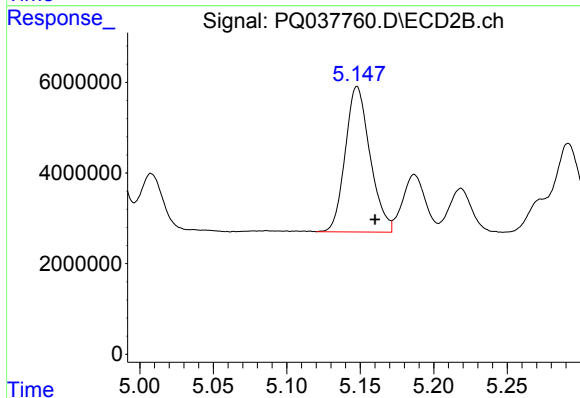
R.T.: 4.978 min
Delta R.T.: -0.011 min
Response: 36737133
Conc: 1245.93 ng/ml



#15 AR-1232-5

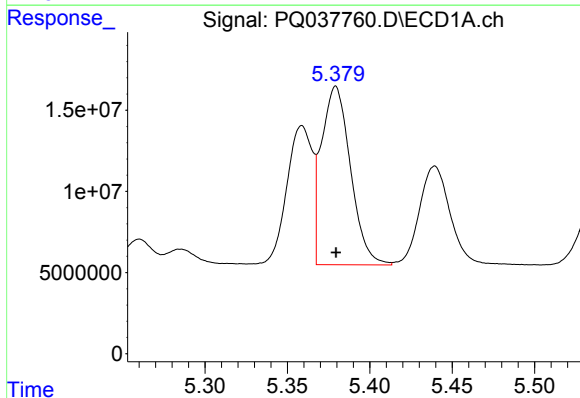
R.T.: 5.663 min
Delta R.T.: 0.020 min
Response: 56468264
Conc: 1238.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



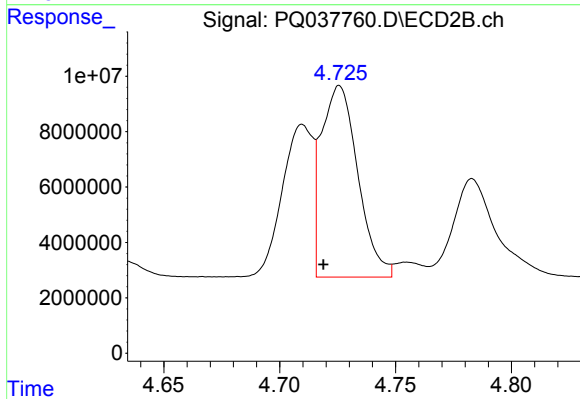
#15 AR-1232-5

R.T.: 5.148 min
Delta R.T.: -0.012 min
Response: 37680107
Conc: 1108.77 ng/ml



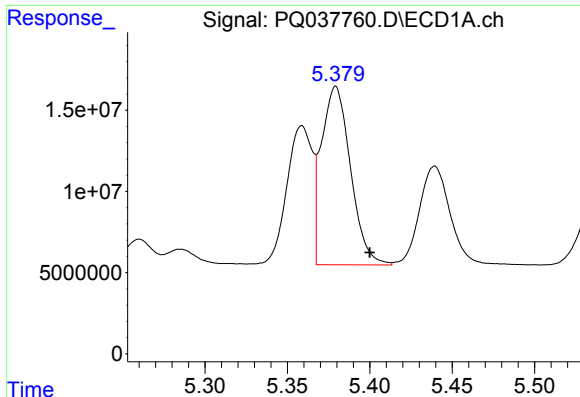
#16 AR-1242-1

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 135219221
Conc: 824.32 ng/ml



#16 AR-1242-1

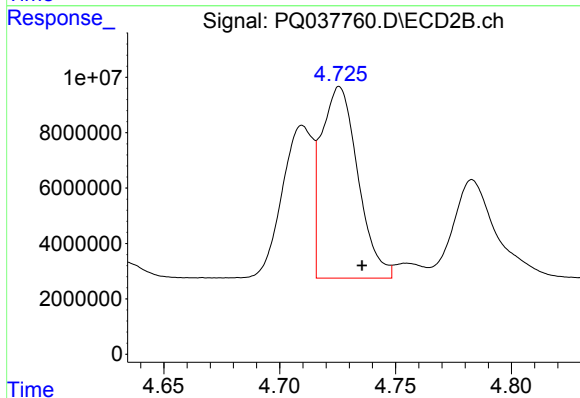
R.T.: 4.726 min
Delta R.T.: 0.007 min
Response: 76071530
Conc: 846.86 ng/ml



#17 AR-1242-2

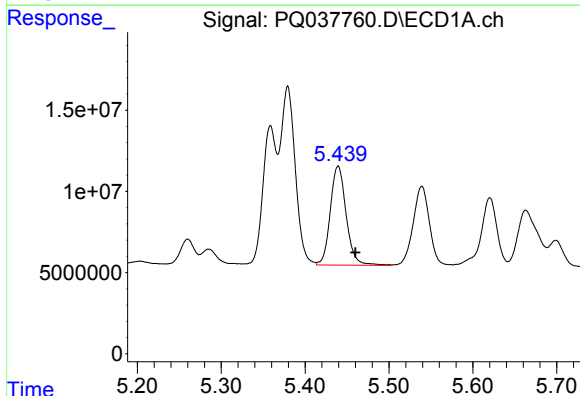
R.T.: 5.379 min
Delta R.T.: -0.021 min
Response: 135219221
Conc: 536.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



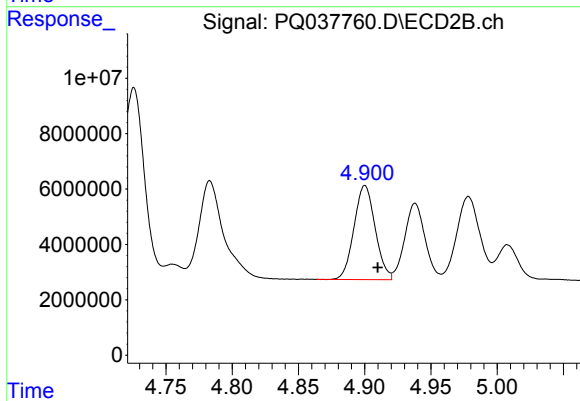
#17 AR-1242-2

R.T.: 4.726 min
Delta R.T.: -0.010 min
Response: 76071530
Conc: 557.86 ng/ml



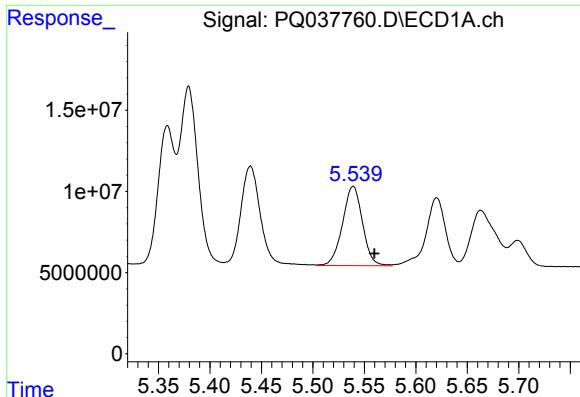
#18 AR-1242-3

R.T.: 5.439 min
Delta R.T.: -0.021 min
Response: 80278120
Conc: 530.72 ng/ml



#18 AR-1242-3

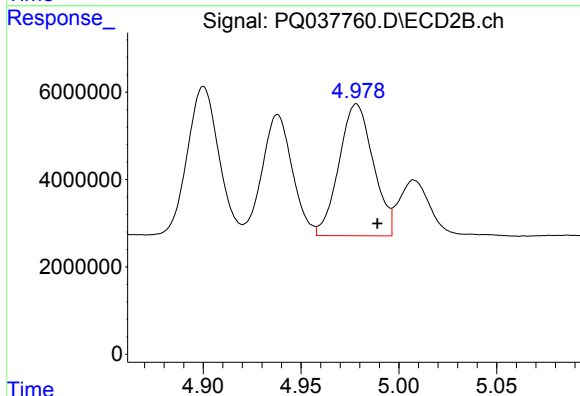
R.T.: 4.900 min
Delta R.T.: -0.010 min
Response: 37820172
Conc: 536.22 ng/ml



#19 AR-1242-4

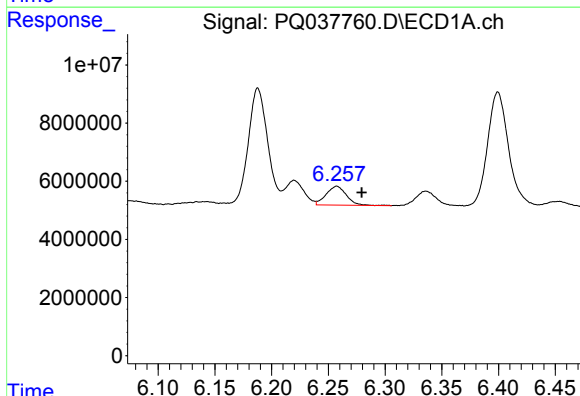
R.T.: 5.539 min
Delta R.T.: -0.021 min
Response: 66058576
Conc: 524.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



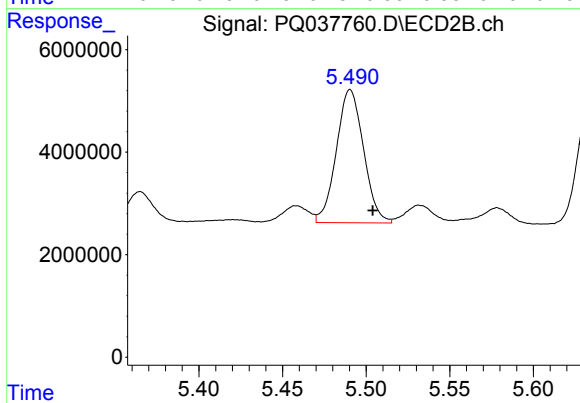
#19 AR-1242-4

R.T.: 4.978 min
Delta R.T.: -0.011 min
Response: 36737133
Conc: 535.41 ng/ml



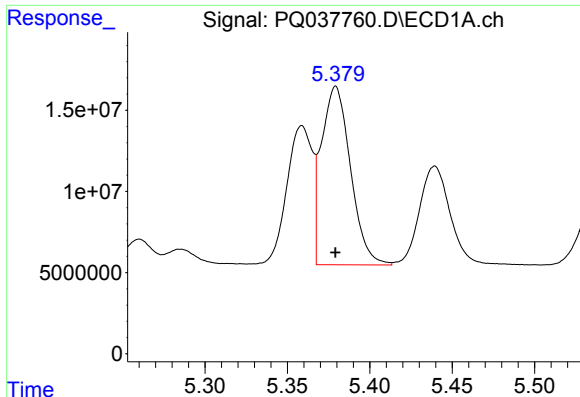
#20 AR-1242-5

R.T.: 6.258 min
Delta R.T.: -0.022 min
Response: 8140957
Conc: 58.66 ng/ml



#20 AR-1242-5

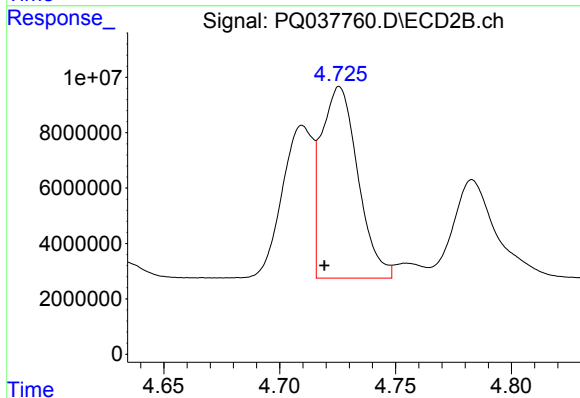
R.T.: 5.490 min
Delta R.T.: -0.013 min
Response: 29450065
Conc: 336.84 ng/ml



#21 AR-1248-1

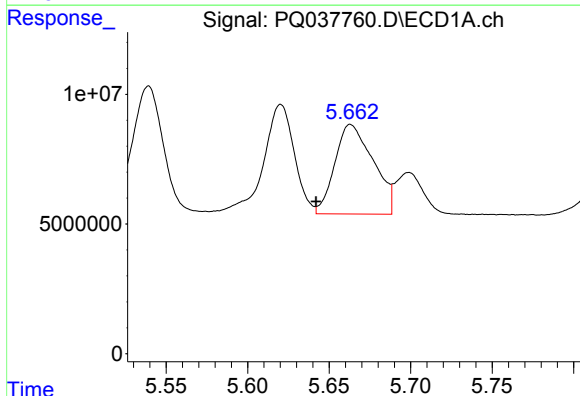
R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 135219221
Conc: 1148.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



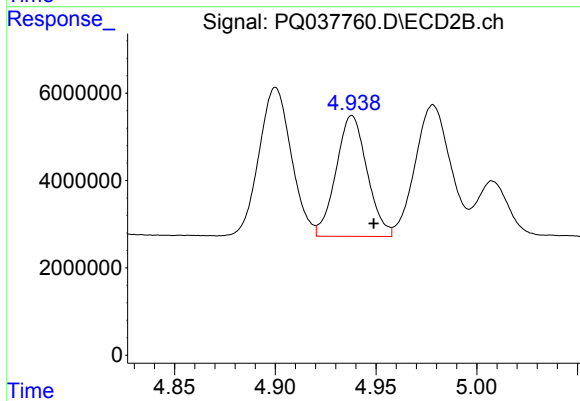
#21 AR-1248-1

R.T.: 4.726 min
Delta R.T.: 0.007 min
Response: 76071530
Conc: 1140.36 ng/ml



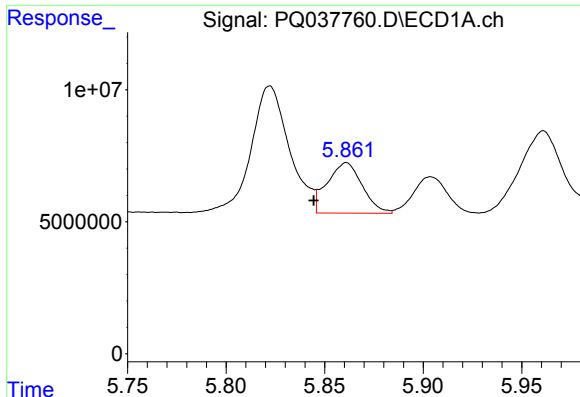
#22 AR-1248-2

R.T.: 5.663 min
Delta R.T.: 0.021 min
Response: 56468264
Conc: 329.15 ng/ml



#22 AR-1248-2

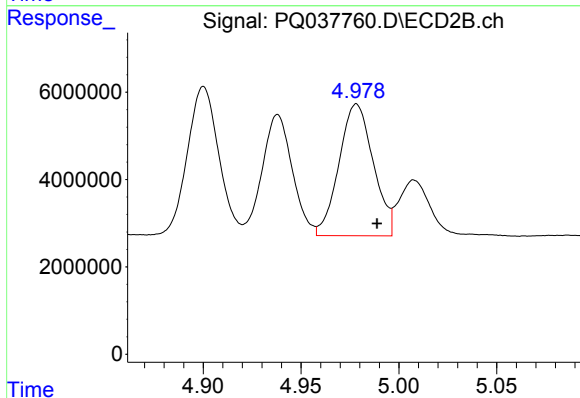
R.T.: 4.938 min
Delta R.T.: -0.011 min
Response: 29627632
Conc: 327.73 ng/ml



#23 AR-1248-3

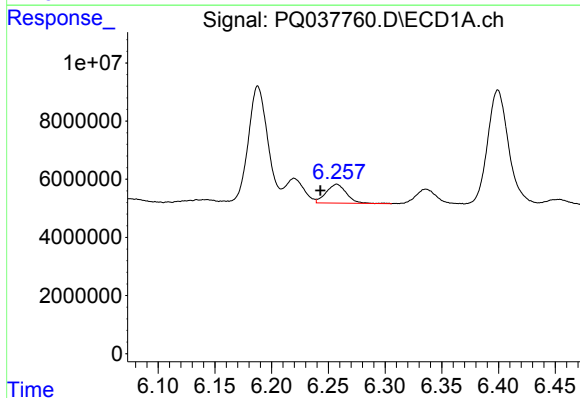
R.T.: 5.861 min
Delta R.T.: 0.017 min
Response: 23689890
Conc: 121.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



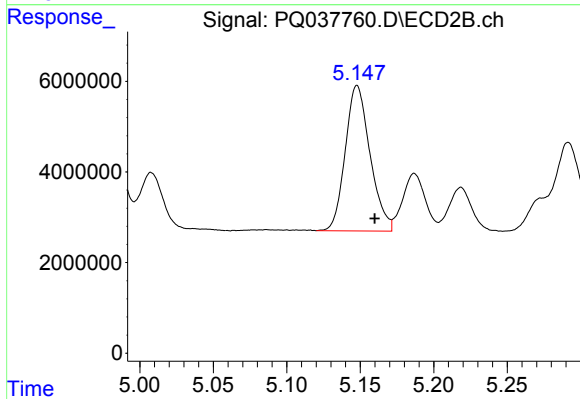
#23 AR-1248-3

R.T.: 4.978 min
Delta R.T.: -0.010 min
Response: 36737133
Conc: 398.05 ng/ml



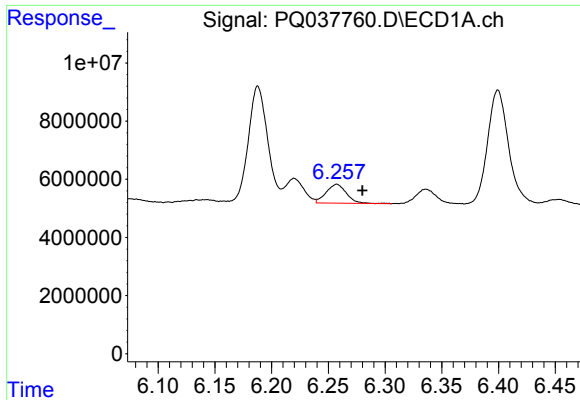
#24 AR-1248-4

R.T.: 6.258 min
Delta R.T.: 0.014 min
Response: 8140957
Conc: 35.80 ng/ml



#24 AR-1248-4

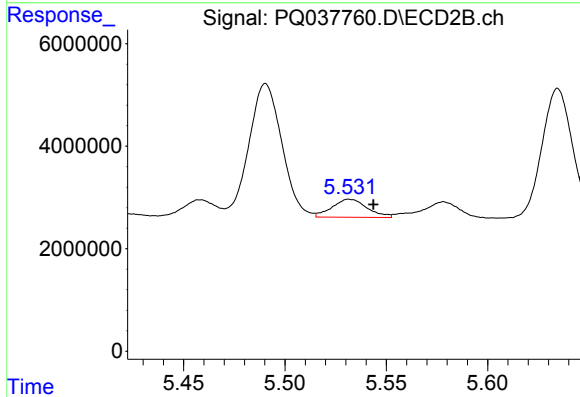
R.T.: 5.148 min
Delta R.T.: -0.012 min
Response: 37680107
Conc: 332.04 ng/ml



#25 AR-1248-5

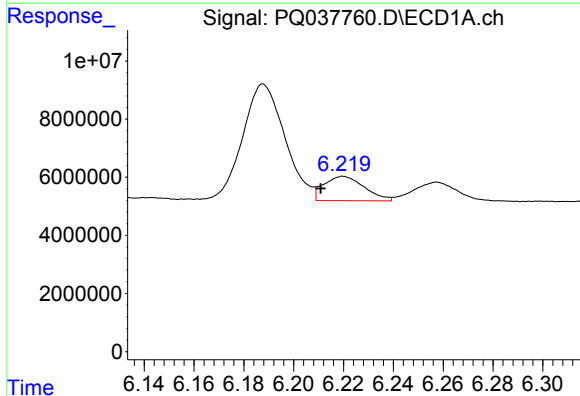
R.T.: 6.258 min
Delta R.T.: -0.022 min
Response: 8140957
Conc: 37.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



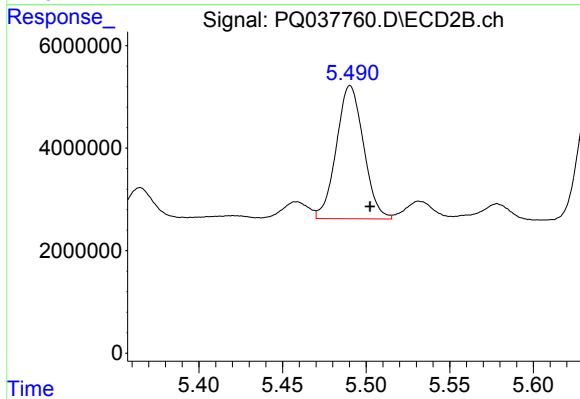
#25 AR-1248-5

R.T.: 5.532 min
Delta R.T.: -0.012 min
Response: 4250728
Conc: 38.72 ng/ml



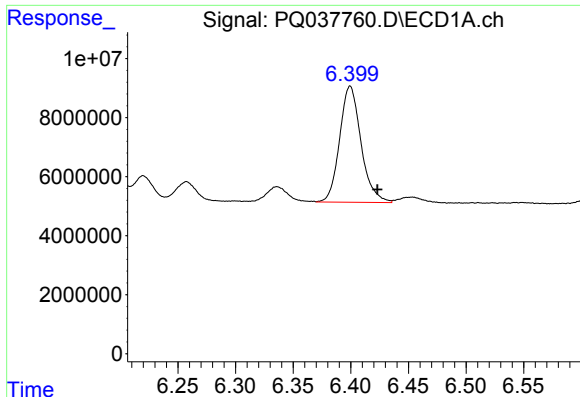
#26 AR-1254-1

R.T.: 6.220 min
Delta R.T.: 0.009 min
Response: 9531492
Conc: 45.00 ng/ml



#26 AR-1254-1

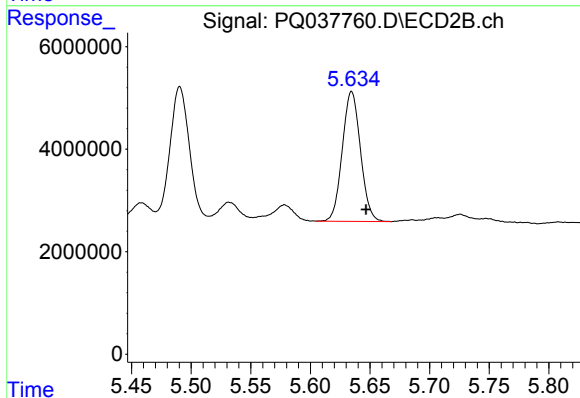
R.T.: 5.490 min
Delta R.T.: -0.012 min
Response: 29450065
Conc: 177.61 ng/ml



#27 AR-1254-2

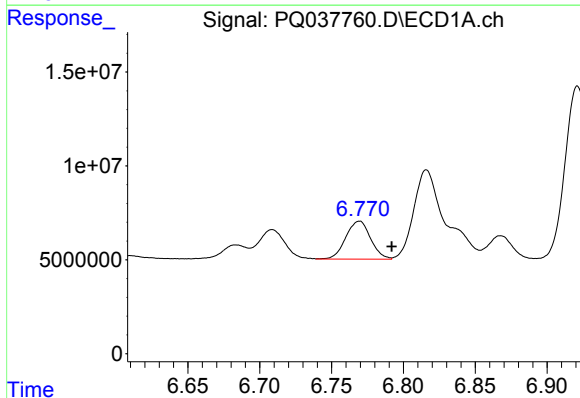
R.T.: 6.399 min
Delta R.T.: -0.024 min
Response: 50865141
Conc: 151.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



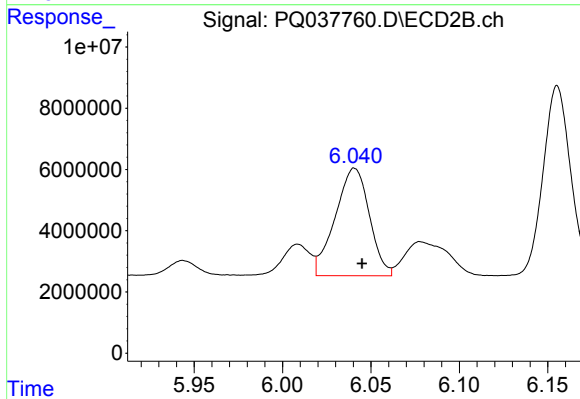
#27 AR-1254-2

R.T.: 5.635 min
Delta R.T.: -0.012 min
Response: 26910602
Conc: 188.96 ng/ml



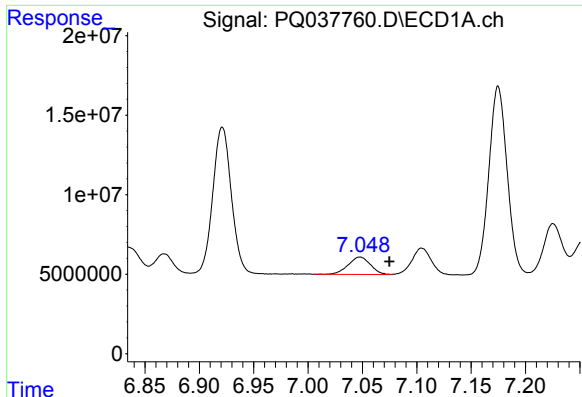
#28 AR-1254-3

R.T.: 6.769 min
Delta R.T.: -0.022 min
Response: 24331707
Conc: 70.11 ng/ml



#28 AR-1254-3

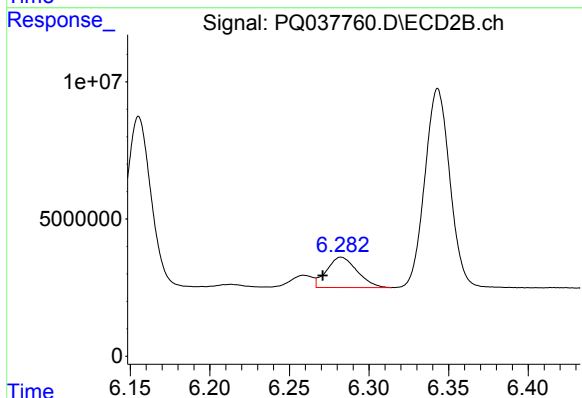
R.T.: 6.041 min
Delta R.T.: -0.004 min
Response: 47226885
Conc: 206.99 ng/ml



#29 AR-1254-4

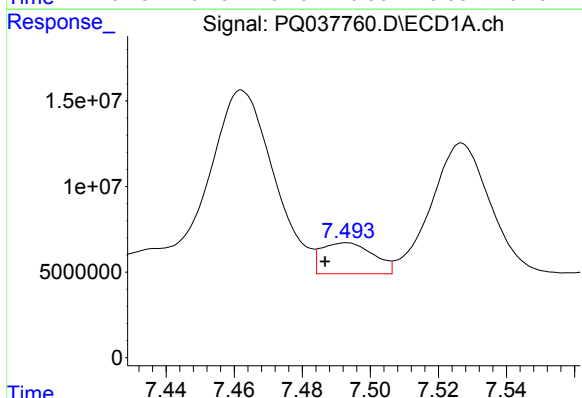
R.T.: 7.048 min
Delta R.T.: -0.027 min
Response: 15613924
Conc: 56.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



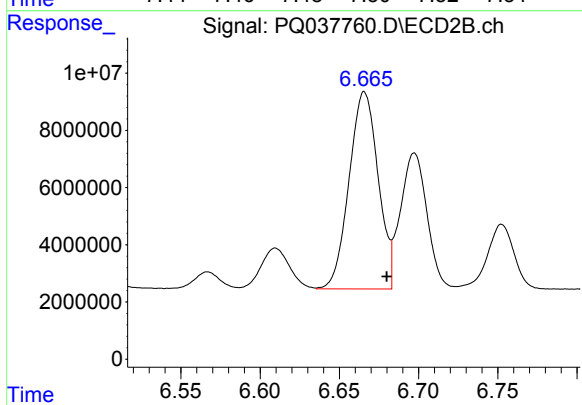
#29 AR-1254-4

R.T.: 6.283 min
Delta R.T.: 0.012 min
Response: 14701550
Conc: 85.60 ng/ml



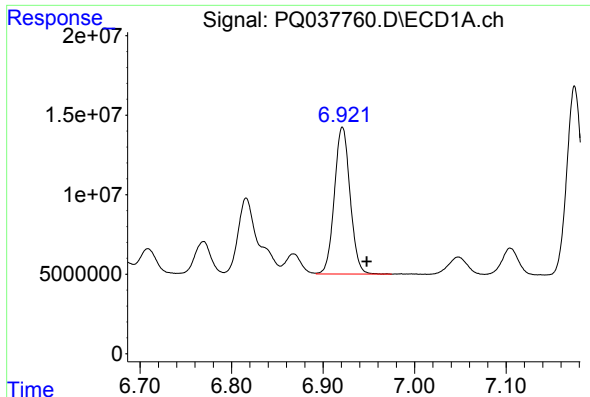
#30 AR-1254-5

R.T.: 7.493 min
Delta R.T.: 0.006 min
Response: 19198068
Conc: 69.46 ng/ml



#30 AR-1254-5

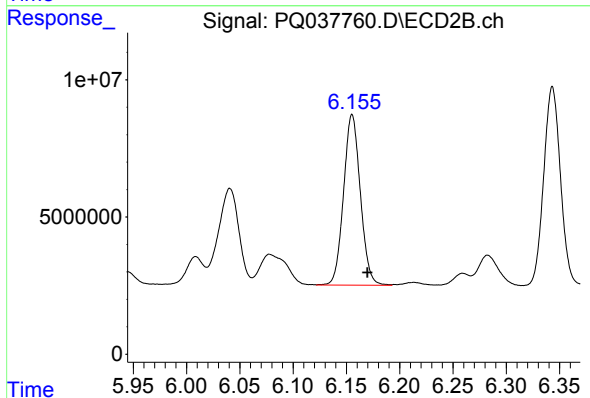
R.T.: 6.666 min
Delta R.T.: -0.014 min
Response: 87954029
Conc: 454.24 ng/ml



#31 AR-1260-1

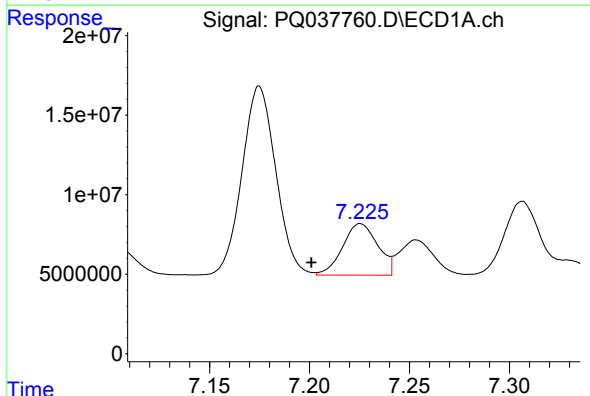
R.T.: 6.921 min
Delta R.T.: -0.026 min
Response: 110039357
Conc: 247.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



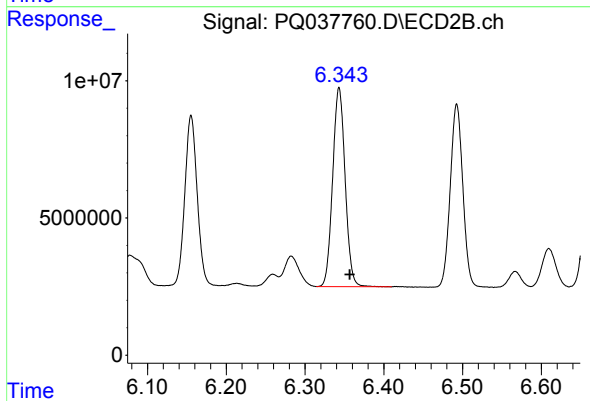
#31 AR-1260-1

R.T.: 6.155 min
Delta R.T.: -0.014 min
Response: 68194924
Conc: 268.98 ng/ml



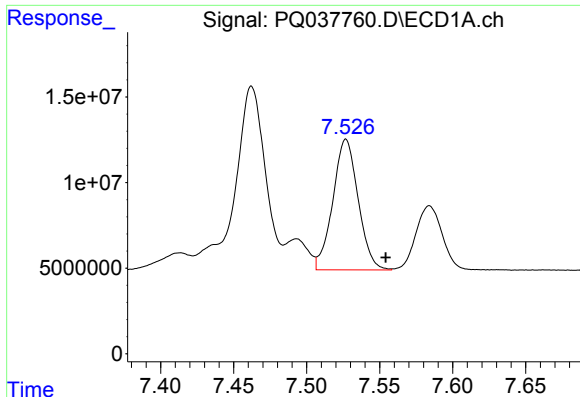
#32 AR-1260-2

R.T.: 7.225 min
Delta R.T.: 0.025 min
Response: 39551457
Conc: 68.41 ng/ml



#32 AR-1260-2

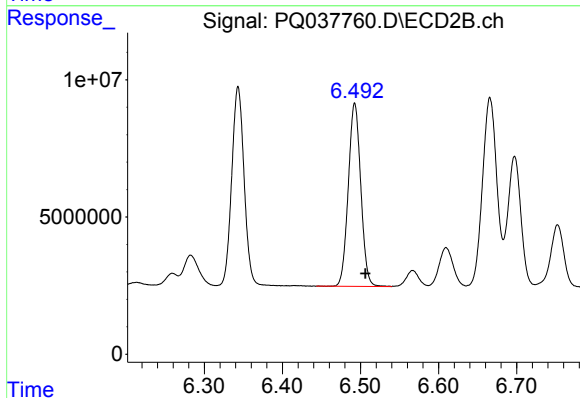
R.T.: 6.343 min
Delta R.T.: -0.013 min
Response: 79732442
Conc: 259.40 ng/ml



#33 AR-1260-3

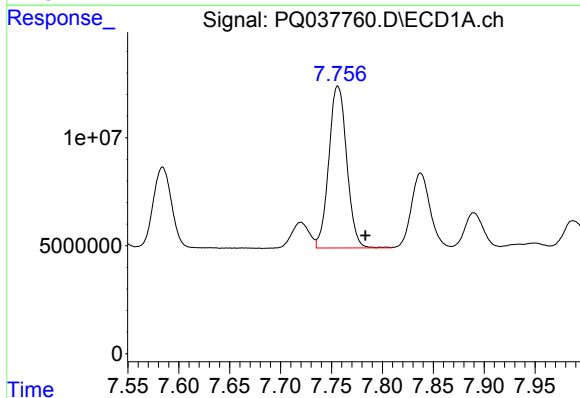
R.T.: 7.527 min
Delta R.T.: -0.027 min
Response: 92316144
Conc: 206.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



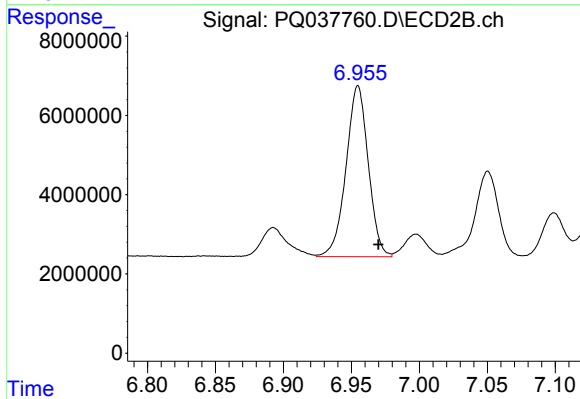
#33 AR-1260-3

R.T.: 6.493 min
Delta R.T.: -0.014 min
Response: 74142676
Conc: 261.09 ng/ml



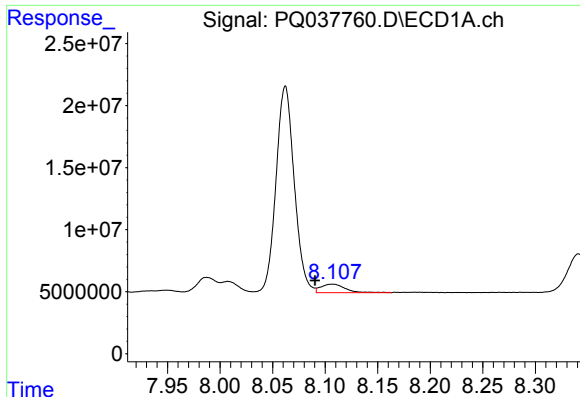
#34 AR-1260-4

R.T.: 7.756 min
Delta R.T.: -0.027 min
Response: 91967170
Conc: 209.97 ng/ml



#34 AR-1260-4

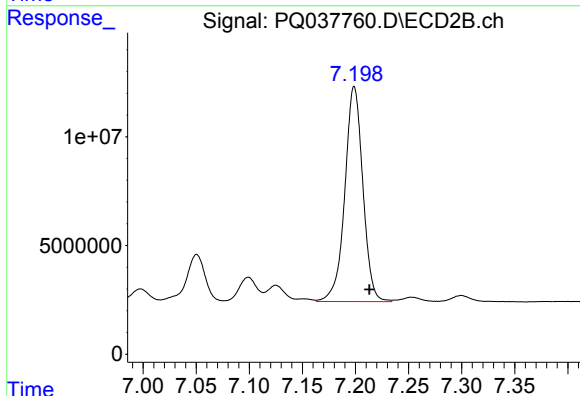
R.T.: 6.955 min
Delta R.T.: -0.015 min
Response: 49208299
Conc: 223.58 ng/ml



#35 AR-1260-5

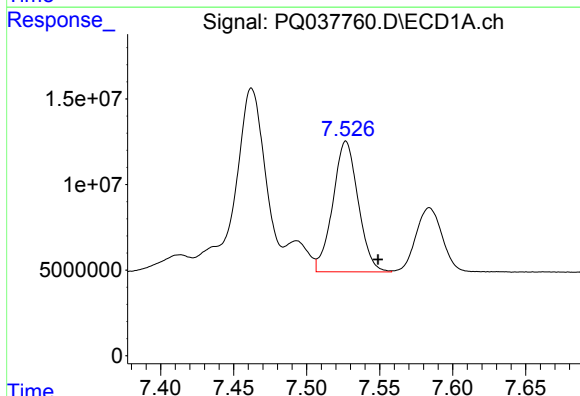
R.T.: 8.107 min
Delta R.T.: 0.017 min
Response: 11018223
Conc: 10.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



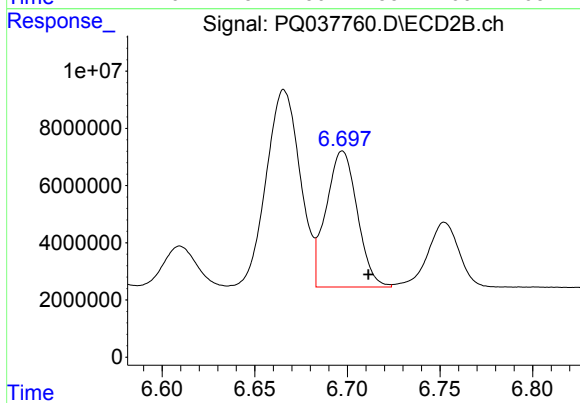
#35 AR-1260-5

R.T.: 7.199 min
Delta R.T.: -0.014 min
Response: 117037111
Conc: 221.67 ng/ml



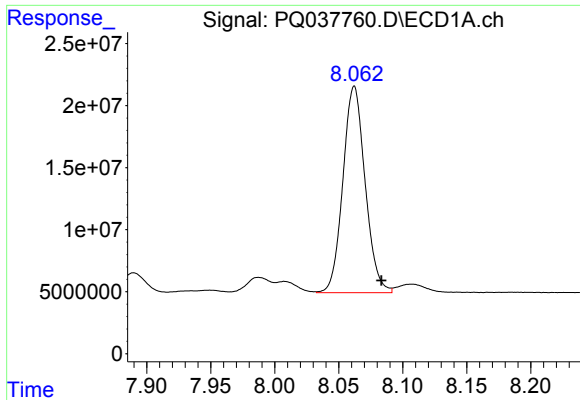
#36 AR-1262-1

R.T.: 7.527 min
Delta R.T.: -0.022 min
Response: 92316144
Conc: 231.12 ng/ml



#36 AR-1262-1

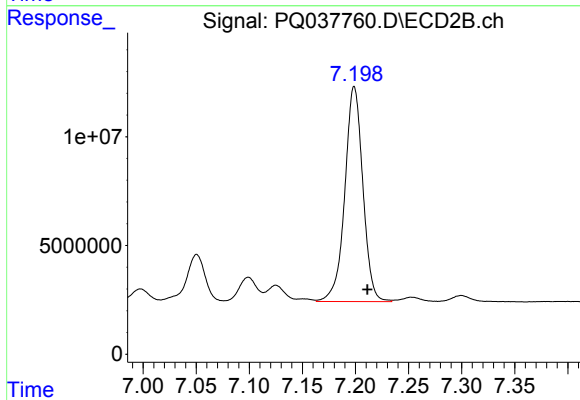
R.T.: 6.697 min
Delta R.T.: -0.014 min
Response: 55633702
Conc: 265.83 ng/ml



#37 AR-1262-2

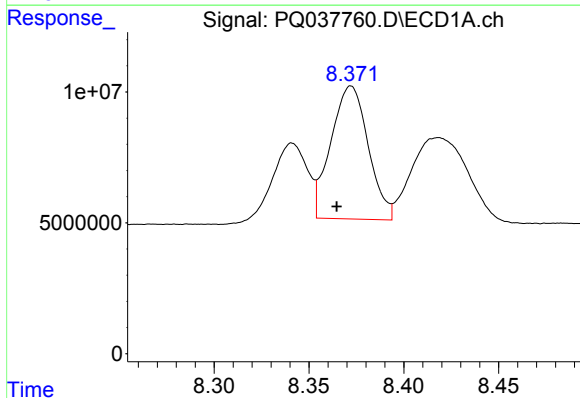
R.T.: 8.062 min
Delta R.T.: -0.021 min
Response: 201408796
Conc: 290.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



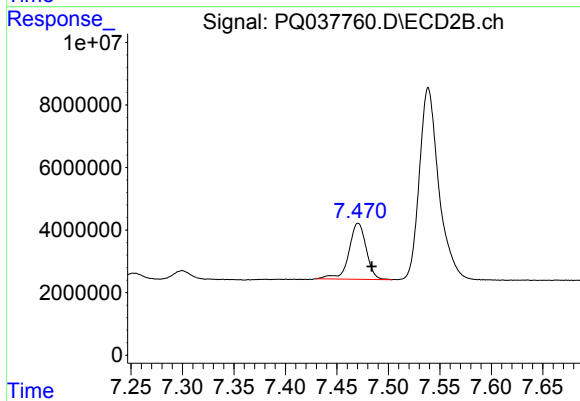
#37 AR-1262-2

R.T.: 7.199 min
Delta R.T.: -0.012 min
Response: 117037111
Conc: 315.93 ng/ml



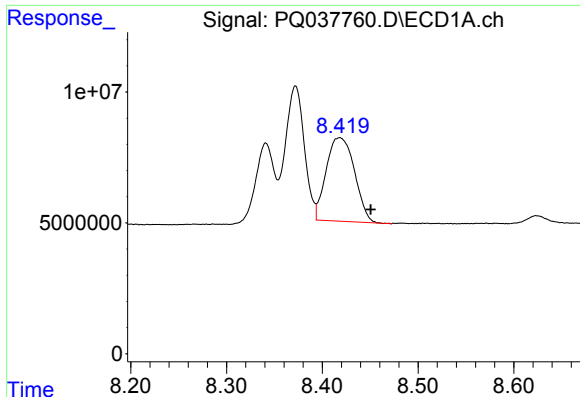
#38 AR-1262-3

R.T.: 8.372 min
Delta R.T.: 0.007 min
Response: 69679180
Conc: 232.71 ng/ml



#38 AR-1262-3

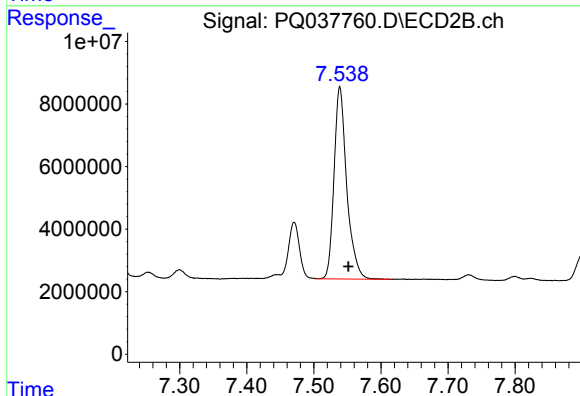
R.T.: 7.471 min
Delta R.T.: -0.013 min
Response: 21013782
Conc: 143.77 ng/ml



#39 AR-1262-4

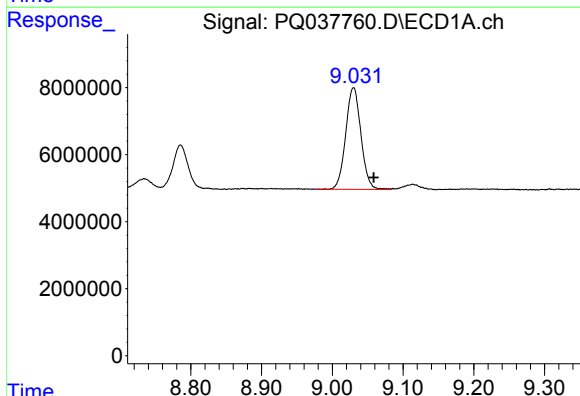
R.T.: 8.418 min
Delta R.T.: -0.032 min
Response: 65653004
Conc: 186.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



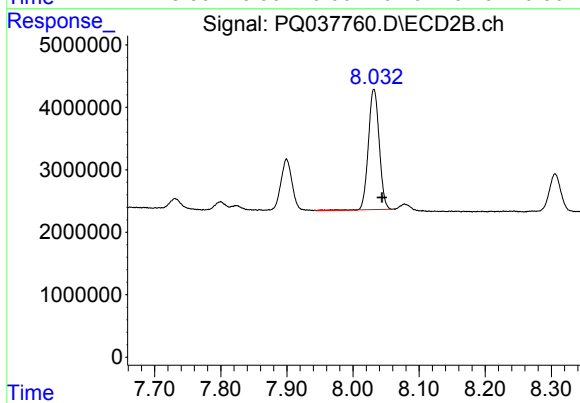
#39 AR-1262-4

R.T.: 7.539 min
Delta R.T.: -0.013 min
Response: 80876835
Conc: 303.27 ng/ml



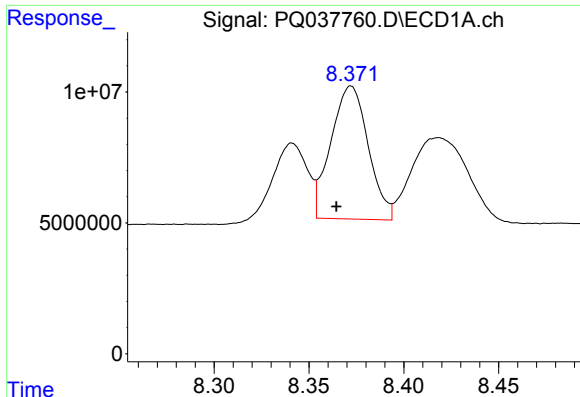
#40 AR-1262-5

R.T.: 9.030 min
Delta R.T.: -0.029 min
Response: 45510536
Conc: 190.83 ng/ml



#40 AR-1262-5

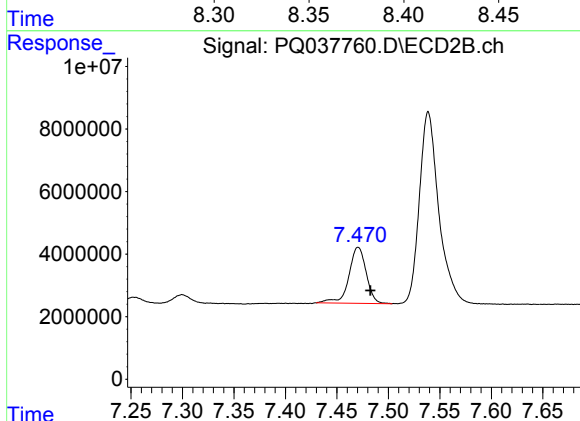
R.T.: 8.032 min
Delta R.T.: -0.013 min
Response: 22009162
Conc: 188.39 ng/ml



#41 AR-1268-1

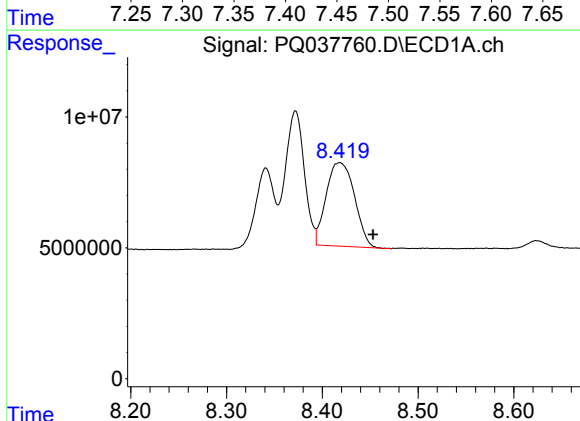
R.T.: 8.372 min
Delta R.T.: 0.008 min
Response: 69679180
Conc: 51.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



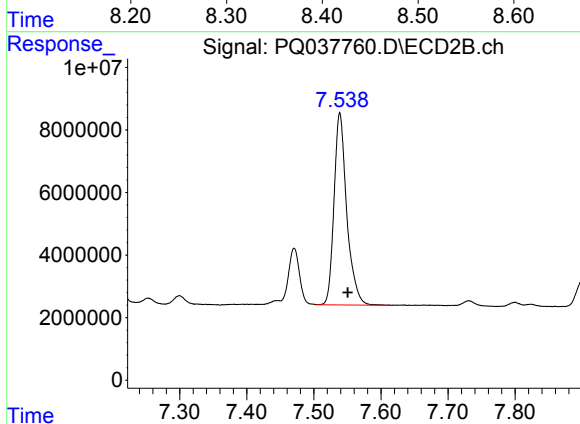
#41 AR-1268-1

R.T.: 7.471 min
Delta R.T.: -0.012 min
Response: 21013782
Conc: 32.08 ng/ml



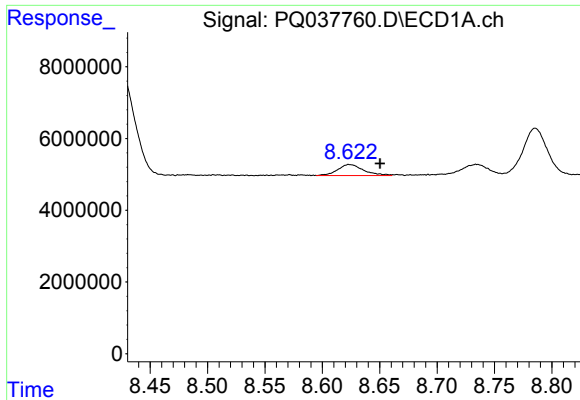
#42 AR-1268-2

R.T.: 8.418 min
Delta R.T.: -0.035 min
Response: 65653004
Conc: 53.30 ng/ml



#42 AR-1268-2

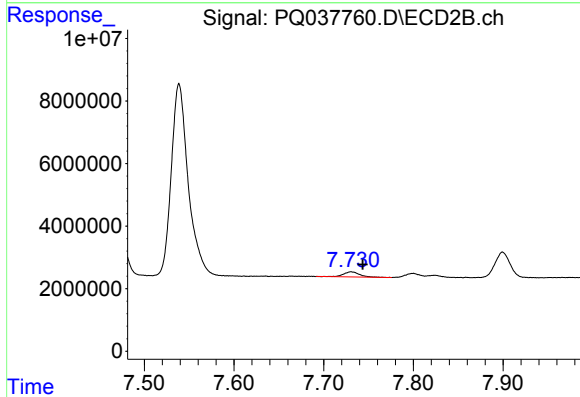
R.T.: 7.539 min
Delta R.T.: -0.012 min
Response: 80876835
Conc: 135.24 ng/ml



#43 AR-1268-3

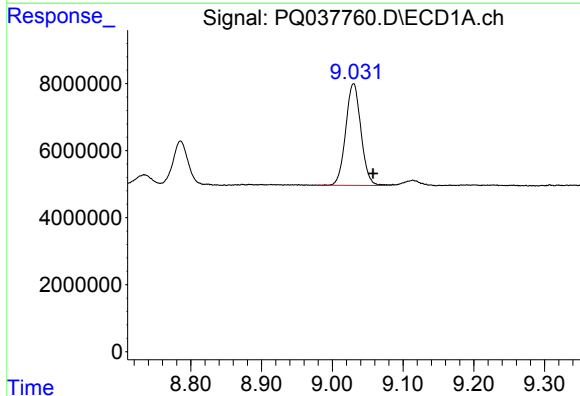
R.T.: 8.624 min
Delta R.T.: -0.027 min
Response: 4773198
Conc: 4.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



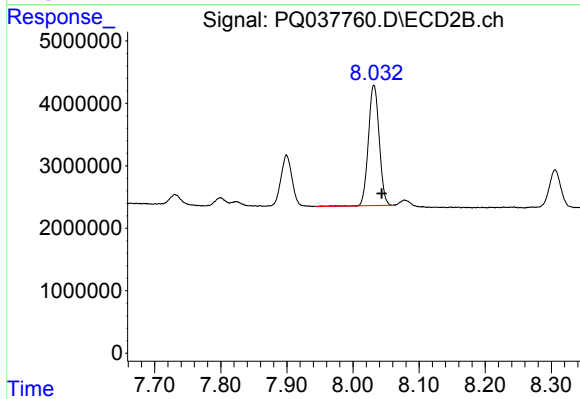
#43 AR-1268-3

R.T.: 7.731 min
Delta R.T.: -0.013 min
Response: 2090880
Conc: 4.20 ng/ml



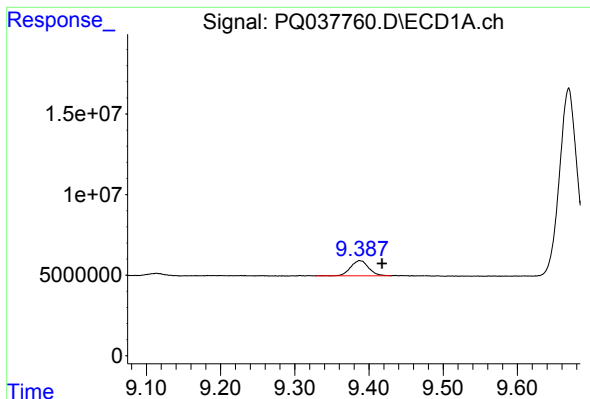
#44 AR-1268-4

R.T.: 9.030 min
Delta R.T.: -0.027 min
Response: 45510536
Conc: 114.10 ng/ml



#44 AR-1268-4

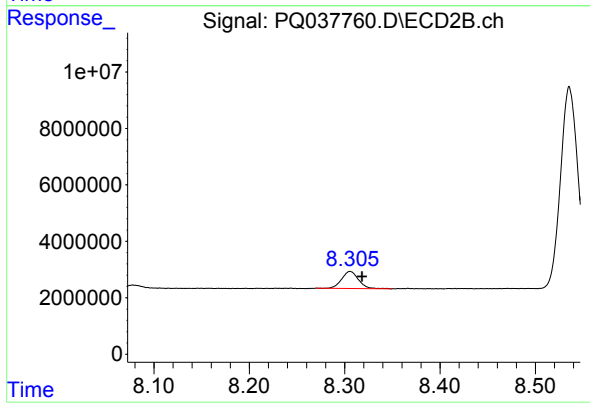
R.T.: 8.032 min
Delta R.T.: -0.012 min
Response: 22009162
Conc: 112.29 ng/ml



#45 AR-1268-5

R.T.: 9.388 min
Delta R.T.: -0.030 min
Response: 15852347
Conc: 4.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BFC76MS



#45 AR-1268-5

R.T.: 8.306 min
Delta R.T.: -0.012 min
Response: 7497970
Conc: 4.87 ng/ml