

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030419\
 Data File : PQ037742.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Mar 2019 11:32
 Operator : SM\SJ
 Sample : K1622-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BF5H7MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 21:43:32 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	3.650	91649716	48781382	16.111	18.520
2)	SA Decachlor...	9.670	8.537	117.1E6	56544710	23.184	24.372
Target Compounds							
3)	L1 AR-1016-1	5.380	4.726	94291726	50605245	326.240	328.009
4)	L1 AR-1016-2	5.380	4.726	94291726	50605245	211.000	210.816
5)	L1 AR-1016-3	5.441	4.900	53899794	25370395	205.071	208.350
6)	L1 AR-1016-4	5.540	4.938	44273431	19962750	201.378	213.747
7)	L1 AR-1016-5	5.862	5.149	16150178	25097396	75.133	200.368 #
8)	L2 AR-1221-1	4.424	3.856	5225397	2610732	83.392	76.727
9)	L2 AR-1221-2	4.513	3.942	7182219	3838659	163.099	160.048
10)	L2 AR-1221-3	4.588	4.016	32923639	17247086	214.196	203.948
11)	L3 AR-1232-1	4.588	4.016	32923639	17247086	288.495	278.618
12)	L3 AR-1232-2	5.098	4.726	45408764	50605245	776.717	736.476
13)	L3 AR-1232-3	5.380	4.900	94291726	25370395	754.853	728.524
14)	L3 AR-1232-4	5.540	4.979	44273431	24379512	692.820	826.825
15)	L3 AR-1232-5	5.621	5.149	37419443	25097396	820.474	738.510
16)	L4 AR-1242-1	5.380	4.726	94291726	50605245	574.821	563.360
17)	L4 AR-1242-2	5.380	4.726	94291726	50605245	374.103	371.104
18)	L4 AR-1242-3	5.441	4.900	53899794	25370395	356.334	359.704
19)	L4 AR-1242-4	5.540	4.979	44273431	24379512	351.720	355.312
20)	L4 AR-1242-5	6.258	5.491	5496246	19838396	39.605	226.908 #
21)	L5 AR-1248-1	5.380	4.726	94291726	50605245	801.163	758.605
22)	L5 AR-1248-2	5.621	4.938	37419443	19962750	218.114	220.823
23)	L5 AR-1248-3	5.862	4.979	16150178	24379512	83.128	264.153 #
24)	L5 AR-1248-4	6.258	5.149	5496246	25097396	24.173	221.162 #
25)	L5 AR-1248-5	6.258	5.533	5496246	2894182	25.449	26.361
26)	L6 AR-1254-1	6.221	5.491	6909642	19838396	32.625	119.644 #
27)	L6 AR-1254-2	6.401	5.635	34151446	18158256	101.844	127.504 #
28)	L6 AR-1254-3	6.770	6.041	16913674	31251754	48.734	136.972 #
29)	L6 AR-1254-4	7.050	6.261	11843978	2972227	42.796	17.307 #
30)	L6 AR-1254-5	7.464	6.667	120.3E6	58458813	435.162	301.914 #
31)	L7 AR-1260-1	6.923	6.157	74551473	45111463	167.787	177.931
32)	L7 AR-1260-2	7.176	6.344	94269433	53094210	163.041	172.736
33)	L7 AR-1260-3	7.528	6.494	63944857	49169616	143.136	173.146
34)	L7 AR-1260-4	7.759	6.956	64272944	33264165	146.744	151.138
35)	L7 AR-1260-5	8.109	7.200	7453023	79533205	7.436	150.635 #
36)	L8 AR-1262-1	7.528	6.699	63944857	37834471	160.091	180.782
37)	L8 AR-1262-2	8.065	7.200	140.3E6	79533205	202.552	214.690
38)	L8 AR-1262-3	8.373	7.472	50474320	15129040	168.571	103.510 #
39)	L8 AR-1262-4	8.421	7.539	46462818	55605222	132.232	208.508 #
40)	L8 AR-1262-5	9.032	8.032	32390289	15339340	135.815	131.296
41)	L9 AR-1268-1	8.373	7.472	50474320	15129040	37.650	23.096 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030419\
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 Acq On : 04 Mar 2019 11:32
 Operator : SM\SJ
 Sample : K1622-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

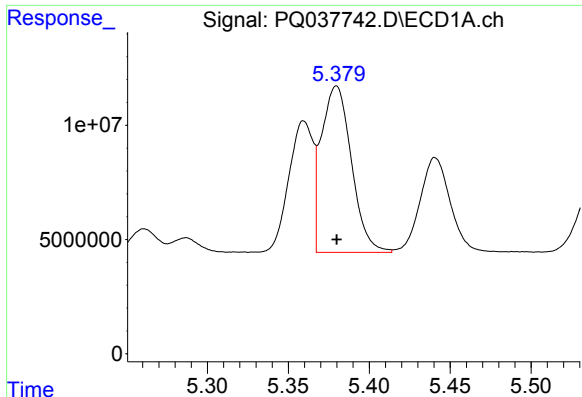
Instrument :
 ECD_Q
 ClientSampleId :
 BF5H7MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 21:43:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
 Quant Title : GC EXTRACTABLES
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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	8.421	7.539	46462818	55605222	37.718	92.978 #
43) L9	AR-1268-3	8.627	7.732	3486767	1564850	3.182	3.143
44) L9	AR-1268-4	9.032	8.032	32390289	15339340	81.207	78.262
45) L9	AR-1268-5	9.390	8.306	11153006	5300312	3.431	3.444

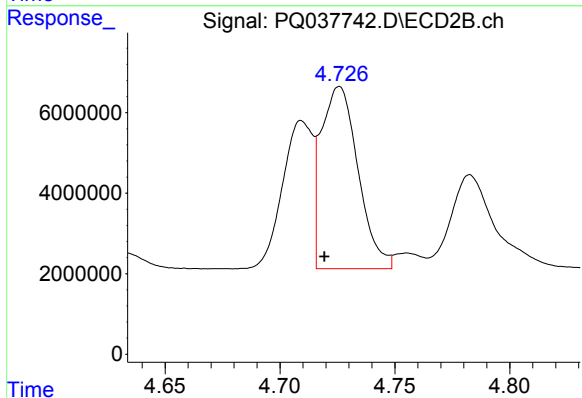
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

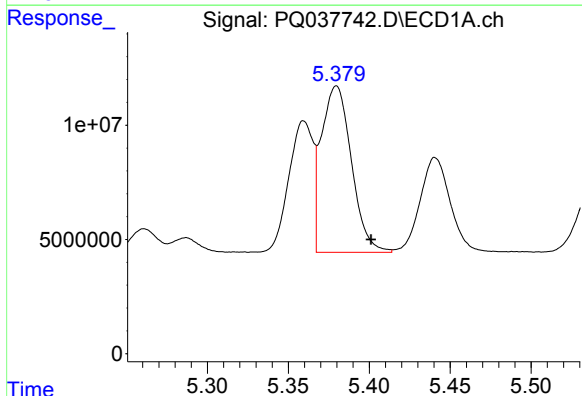
R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 94291726
Conc: 326.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



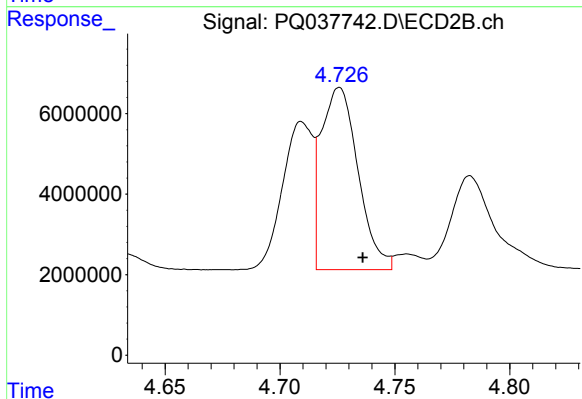
#3 AR-1016-1

R.T.: 4.726 min
Delta R.T.: 0.007 min
Response: 50605245
Conc: 328.01 ng/ml



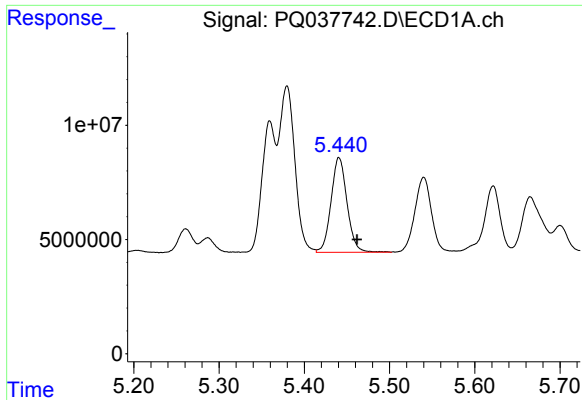
#4 AR-1016-2

R.T.: 5.380 min
Delta R.T.: -0.022 min
Response: 94291726
Conc: 211.00 ng/ml



#4 AR-1016-2

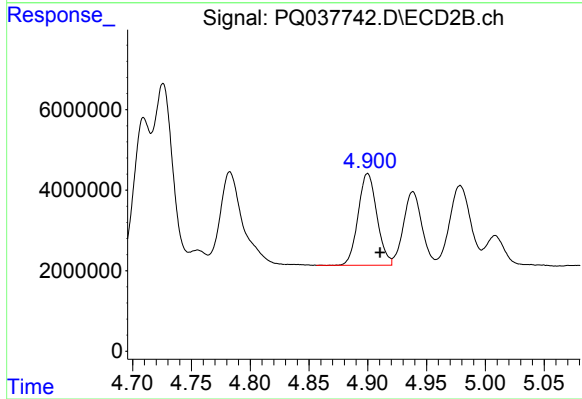
R.T.: 4.726 min
Delta R.T.: -0.010 min
Response: 50605245
Conc: 210.82 ng/ml



#5 AR-1016-3

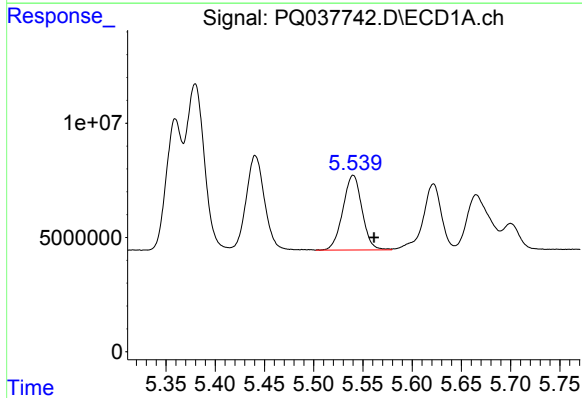
R.T.: 5.441 min
Delta R.T.: -0.021 min
Response: 53899794
Conc: 205.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



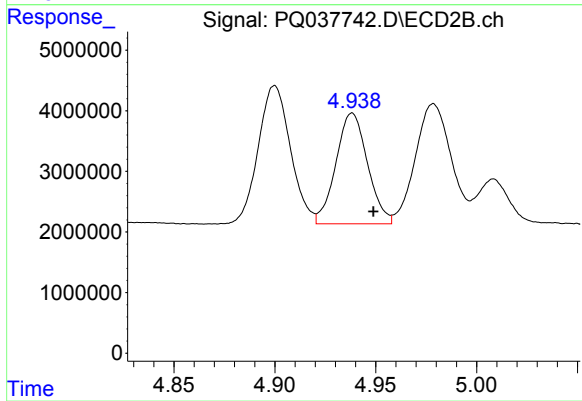
#5 AR-1016-3

R.T.: 4.900 min
Delta R.T.: -0.011 min
Response: 25370395
Conc: 208.35 ng/ml



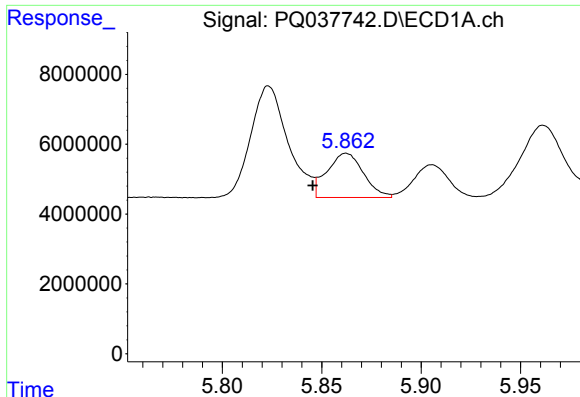
#6 AR-1016-4

R.T.: 5.540 min
Delta R.T.: -0.021 min
Response: 44273431
Conc: 201.38 ng/ml



#6 AR-1016-4

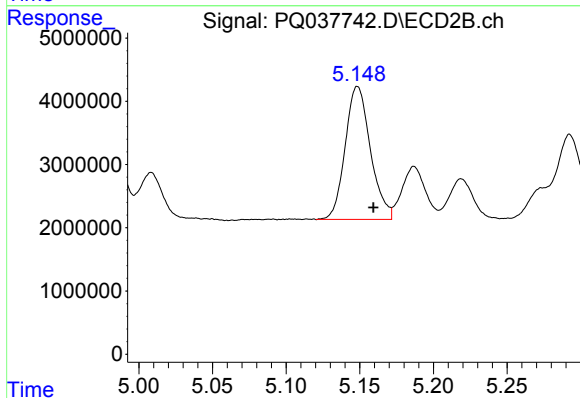
R.T.: 4.938 min
Delta R.T.: -0.010 min
Response: 19962750
Conc: 213.75 ng/ml



#7 AR-1016-5

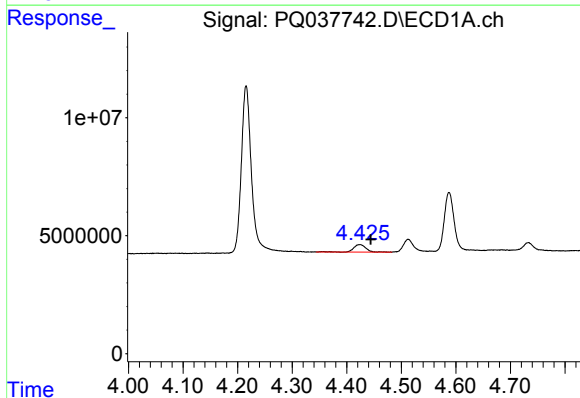
R.T.: 5.862 min
Delta R.T.: 0.017 min
Response: 16150178
Conc: 75.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



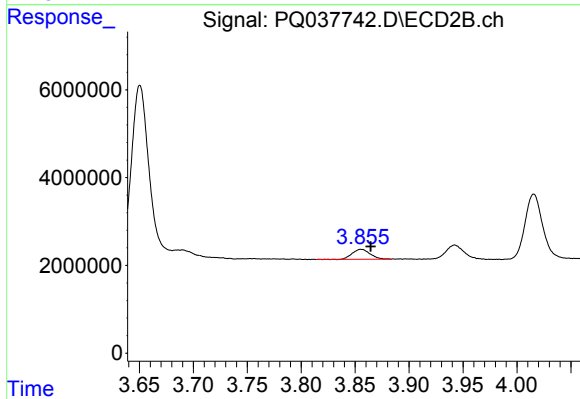
#7 AR-1016-5

R.T.: 5.149 min
Delta R.T.: -0.011 min
Response: 25097396
Conc: 200.37 ng/ml



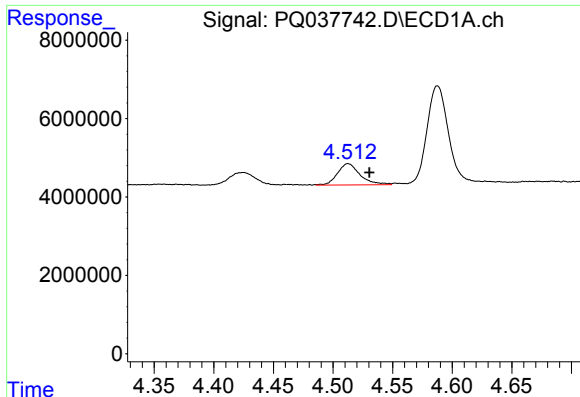
#8 AR-1221-1

R.T.: 4.424 min
Delta R.T.: -0.020 min
Response: 5225397
Conc: 83.39 ng/ml



#8 AR-1221-1

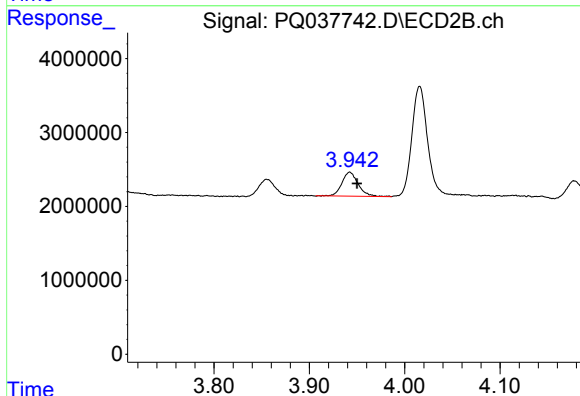
R.T.: 3.856 min
Delta R.T.: -0.009 min
Response: 2610732
Conc: 76.73 ng/ml



#9 AR-1221-2

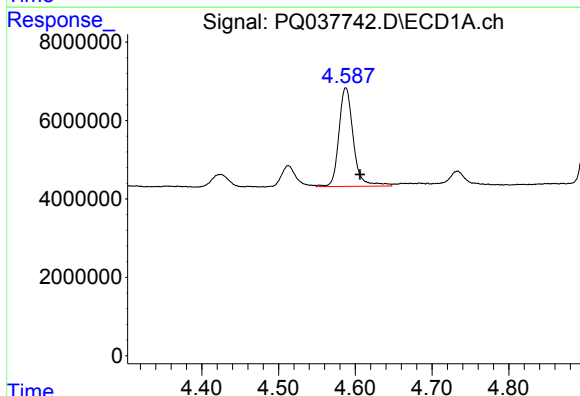
R.T.: 4.513 min
Delta R.T.: -0.018 min
Response: 7182219
Conc: 163.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



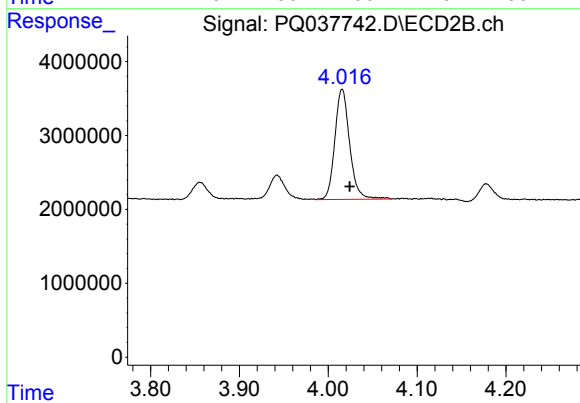
#9 AR-1221-2

R.T.: 3.942 min
Delta R.T.: -0.007 min
Response: 3838659
Conc: 160.05 ng/ml



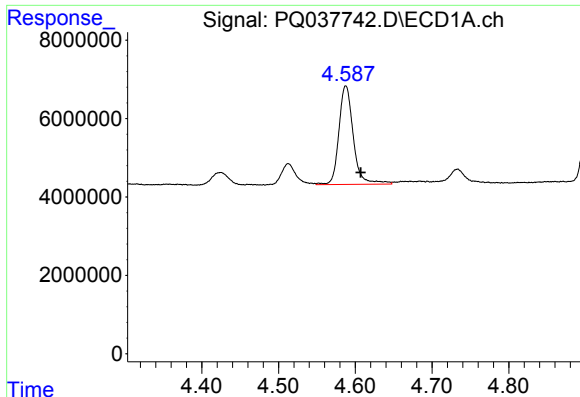
#10 AR-1221-3

R.T.: 4.588 min
Delta R.T.: -0.019 min
Response: 32923639
Conc: 214.20 ng/ml



#10 AR-1221-3

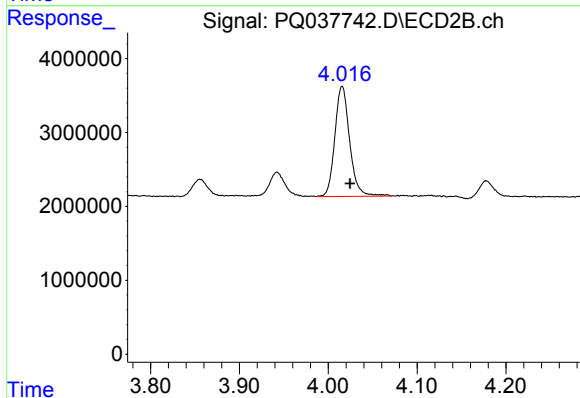
R.T.: 4.016 min
Delta R.T.: -0.008 min
Response: 17247086
Conc: 203.95 ng/ml



#11 AR-1232-1

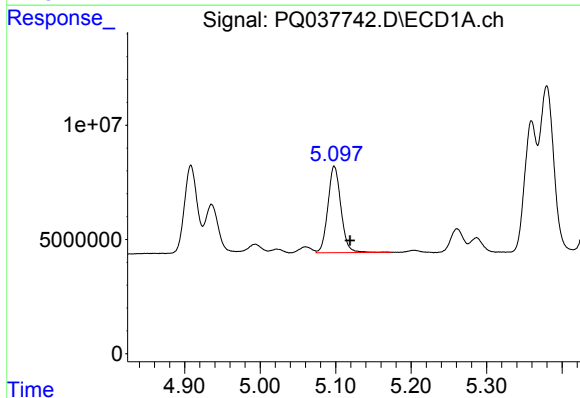
R.T.: 4.588 min
Delta R.T.: -0.019 min
Response: 32923639
Conc: 288.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



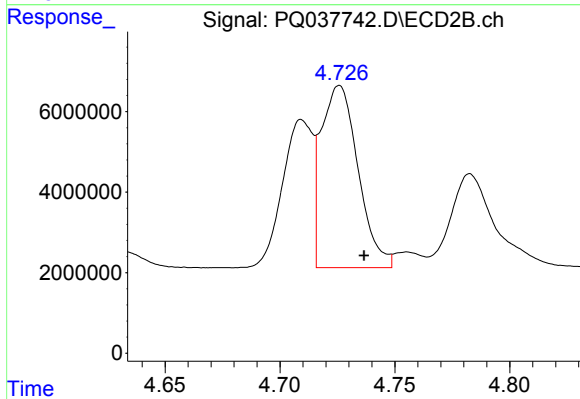
#11 AR-1232-1

R.T.: 4.016 min
Delta R.T.: -0.009 min
Response: 17247086
Conc: 278.62 ng/ml



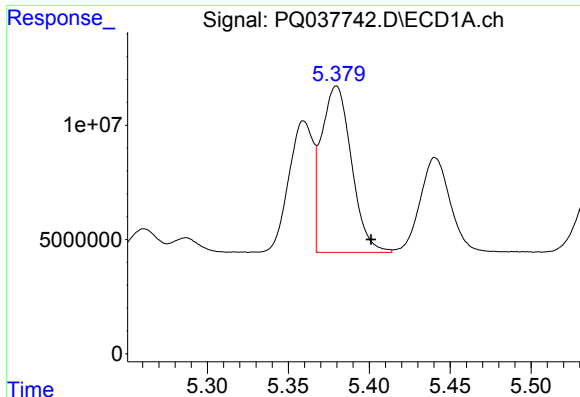
#12 AR-1232-2

R.T.: 5.098 min
Delta R.T.: -0.021 min
Response: 45408764
Conc: 776.72 ng/ml



#12 AR-1232-2

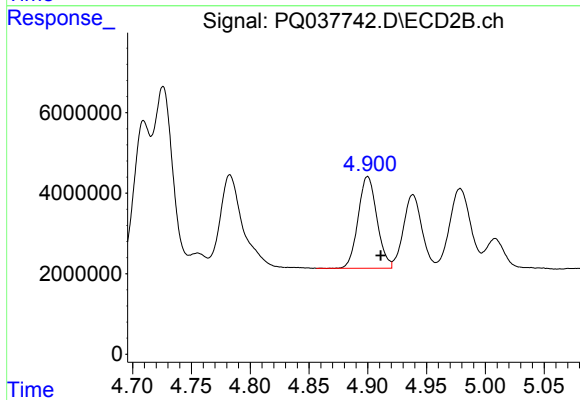
R.T.: 4.726 min
Delta R.T.: -0.011 min
Response: 50605245
Conc: 736.48 ng/ml



#13 AR-1232-3

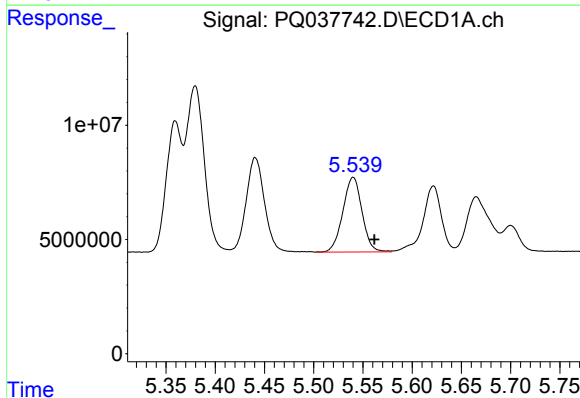
R.T.: 5.380 min
Delta R.T.: -0.022 min
Response: 94291726
Conc: 754.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



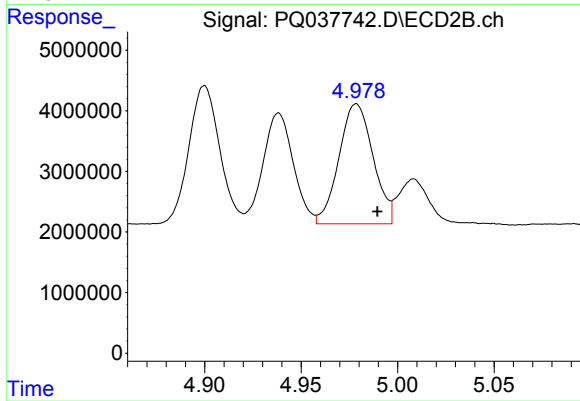
#13 AR-1232-3

R.T.: 4.900 min
Delta R.T.: -0.011 min
Response: 25370395
Conc: 728.52 ng/ml



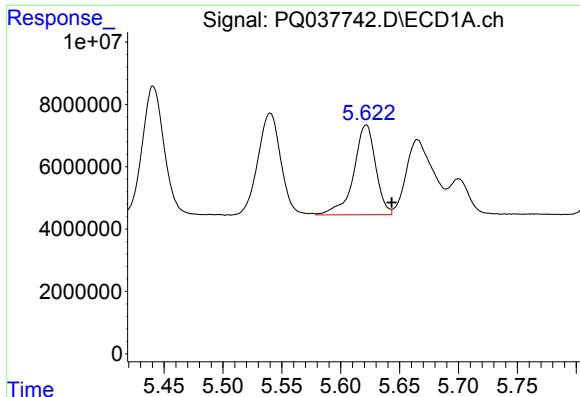
#14 AR-1232-4

R.T.: 5.540 min
Delta R.T.: -0.022 min
Response: 44273431
Conc: 692.82 ng/ml



#14 AR-1232-4

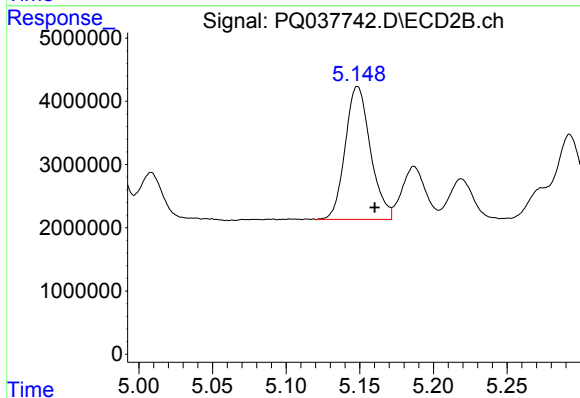
R.T.: 4.979 min
Delta R.T.: -0.011 min
Response: 24379512
Conc: 826.83 ng/ml



#15 AR-1232-5

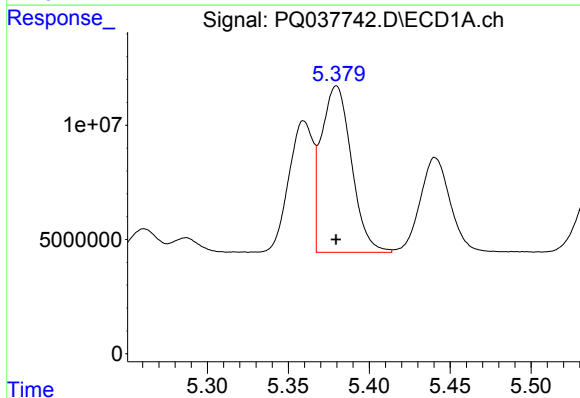
R.T.: 5.621 min
Delta R.T.: -0.022 min
Response: 37419443
Conc: 820.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



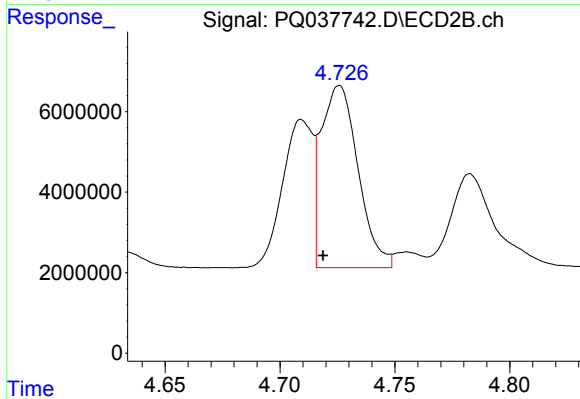
#15 AR-1232-5

R.T.: 5.149 min
Delta R.T.: -0.012 min
Response: 25097396
Conc: 738.51 ng/ml



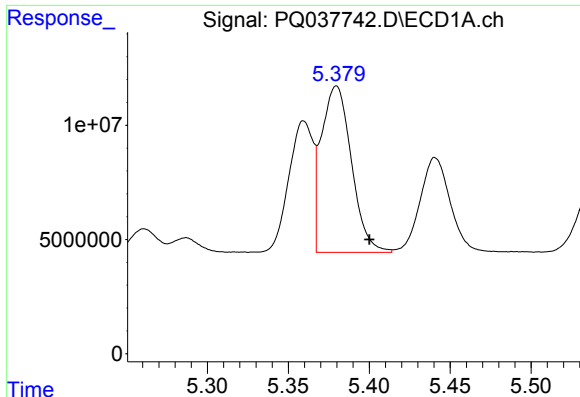
#16 AR-1242-1

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 94291726
Conc: 574.82 ng/ml



#16 AR-1242-1

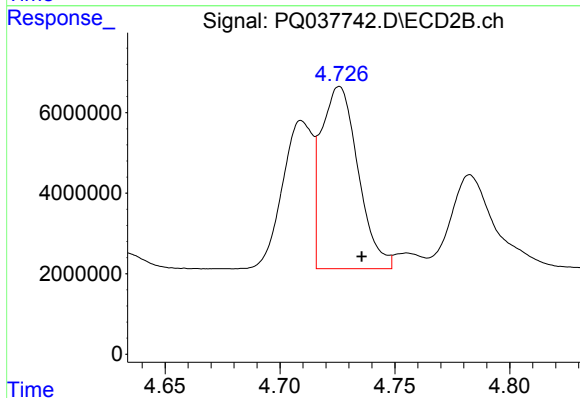
R.T.: 4.726 min
Delta R.T.: 0.007 min
Response: 50605245
Conc: 563.36 ng/ml



#17 AR-1242-2

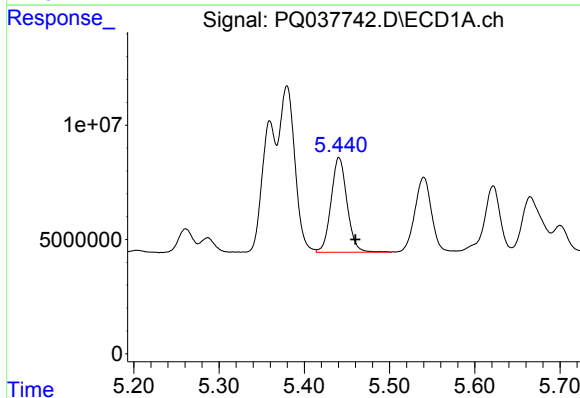
R.T.: 5.380 min
Delta R.T.: -0.021 min
Response: 94291726
Conc: 374.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



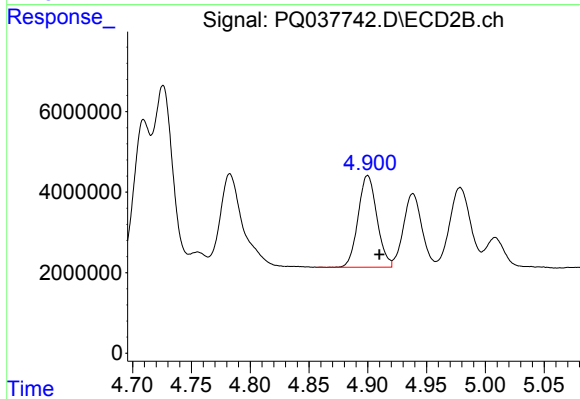
#17 AR-1242-2

R.T.: 4.726 min
Delta R.T.: -0.010 min
Response: 50605245
Conc: 371.10 ng/ml



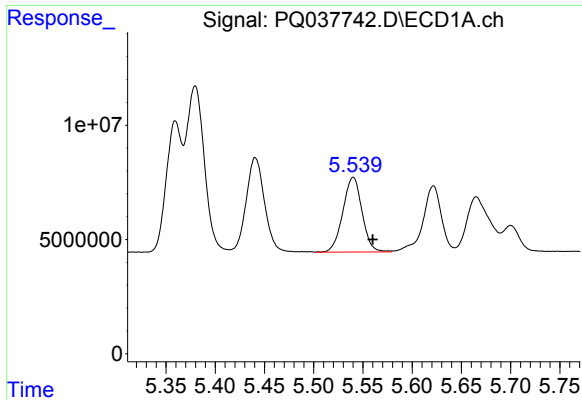
#18 AR-1242-3

R.T.: 5.441 min
Delta R.T.: -0.019 min
Response: 53899794
Conc: 356.33 ng/ml



#18 AR-1242-3

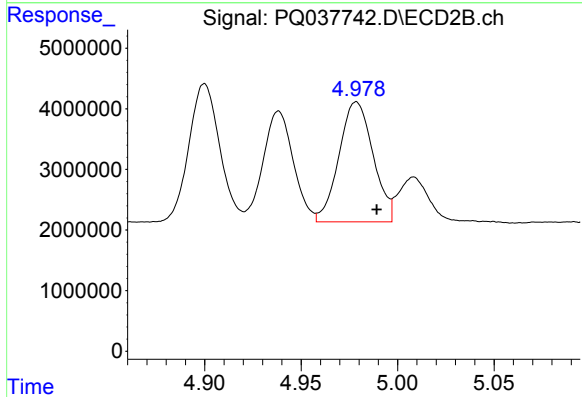
R.T.: 4.900 min
Delta R.T.: -0.010 min
Response: 25370395
Conc: 359.70 ng/ml



#19 AR-1242-4

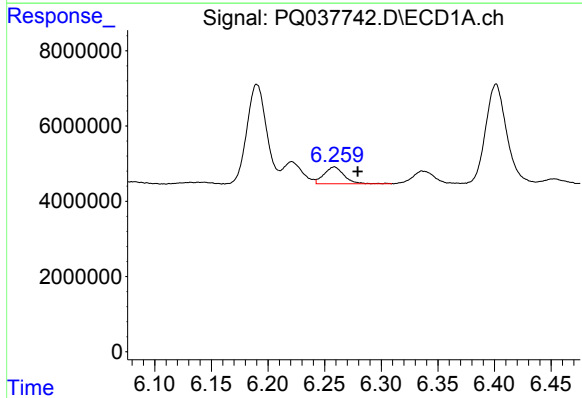
R.T.: 5.540 min
Delta R.T.: -0.020 min
Response: 44273431
Conc: 351.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



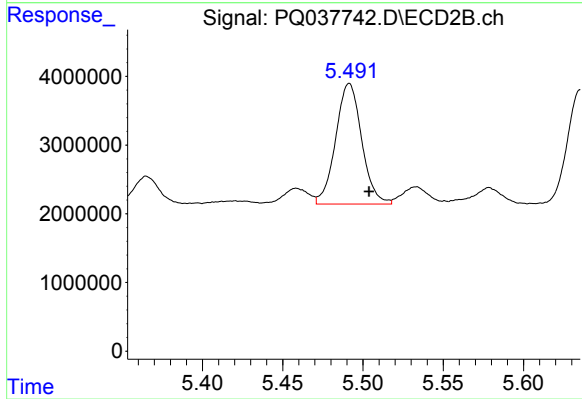
#19 AR-1242-4

R.T.: 4.979 min
Delta R.T.: -0.011 min
Response: 24379512
Conc: 355.31 ng/ml



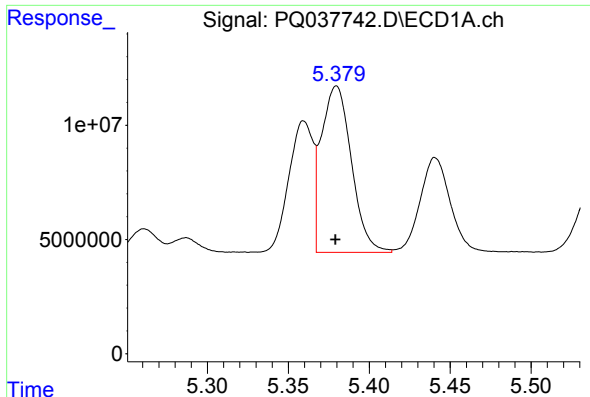
#20 AR-1242-5

R.T.: 6.258 min
Delta R.T.: -0.021 min
Response: 5496246
Conc: 39.61 ng/ml



#20 AR-1242-5

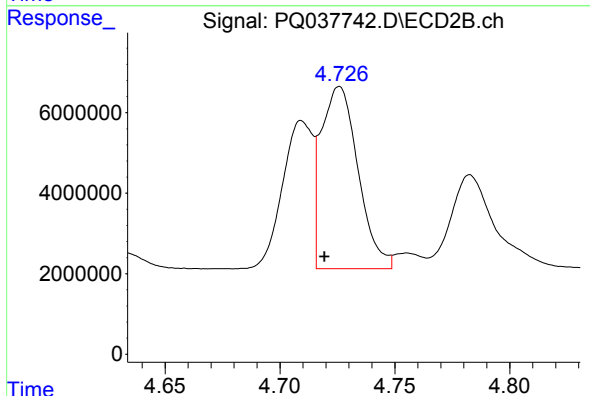
R.T.: 5.491 min
Delta R.T.: -0.012 min
Response: 19838396
Conc: 226.91 ng/ml



#21 AR-1248-1

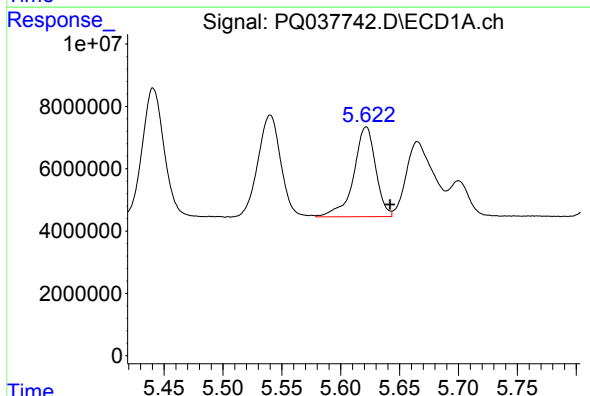
R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 94291726
Conc: 801.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



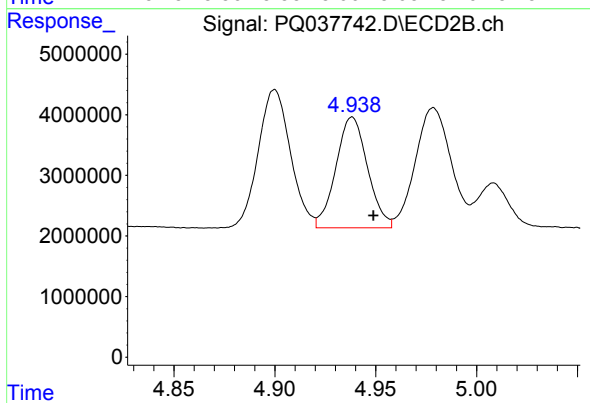
#21 AR-1248-1

R.T.: 4.726 min
Delta R.T.: 0.007 min
Response: 50605245
Conc: 758.61 ng/ml



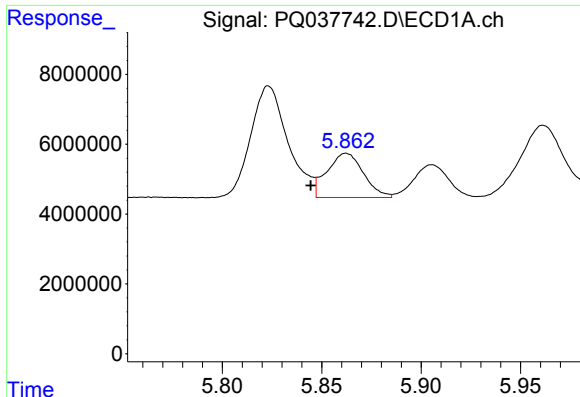
#22 AR-1248-2

R.T.: 5.621 min
Delta R.T.: -0.021 min
Response: 37419443
Conc: 218.11 ng/ml



#22 AR-1248-2

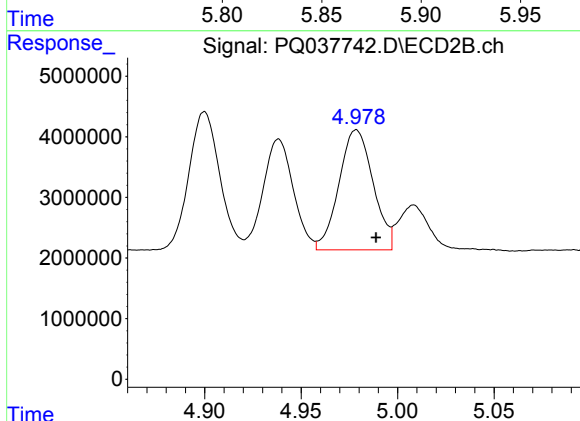
R.T.: 4.938 min
Delta R.T.: -0.011 min
Response: 19962750
Conc: 220.82 ng/ml



#23 AR-1248-3

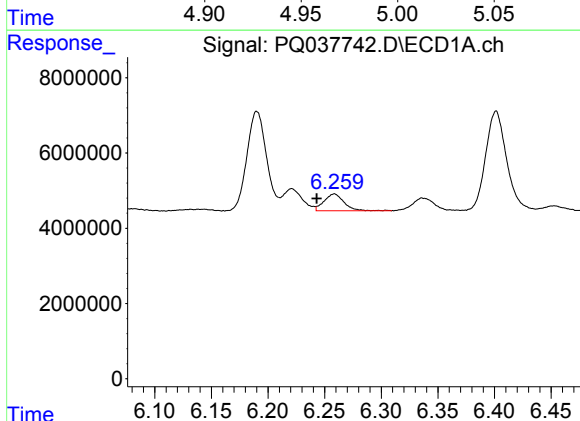
R.T.: 5.862 min
Delta R.T.: 0.018 min
Response: 16150178
Conc: 83.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



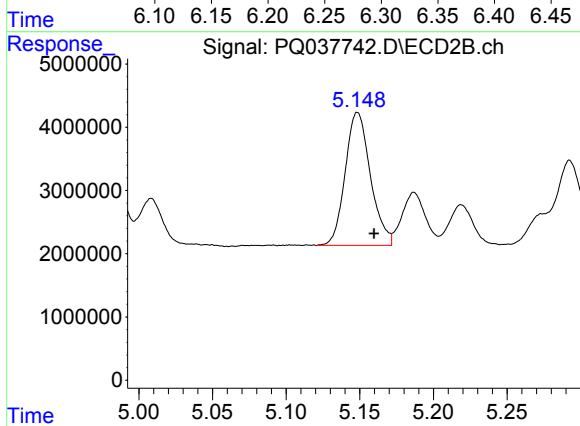
#23 AR-1248-3

R.T.: 4.979 min
Delta R.T.: -0.010 min
Response: 24379512
Conc: 264.15 ng/ml



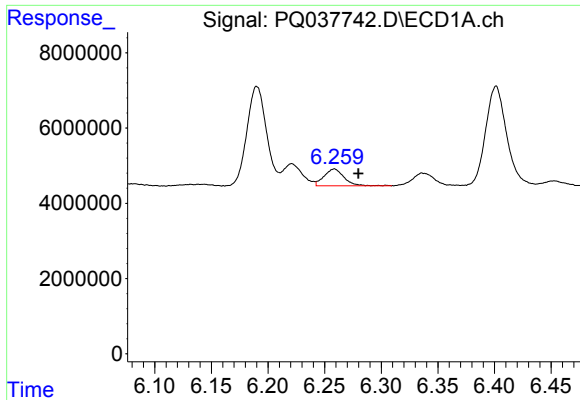
#24 AR-1248-4

R.T.: 6.258 min
Delta R.T.: 0.015 min
Response: 5496246
Conc: 24.17 ng/ml



#24 AR-1248-4

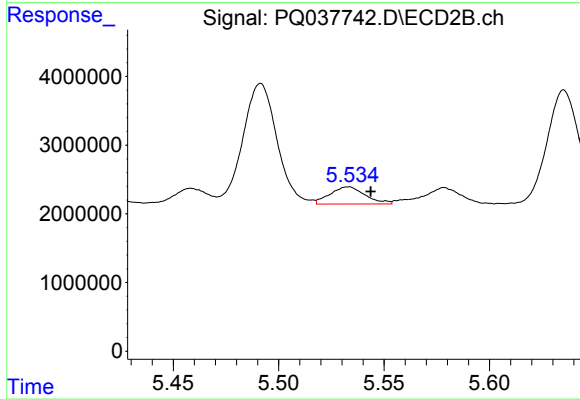
R.T.: 5.149 min
Delta R.T.: -0.011 min
Response: 25097396
Conc: 221.16 ng/ml



#25 AR-1248-5

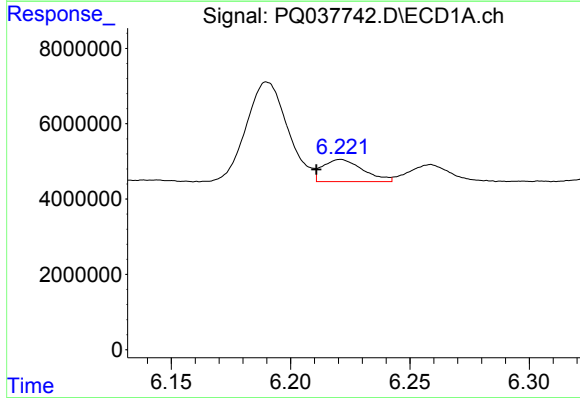
R.T.: 6.258 min
Delta R.T.: -0.021 min
Response: 5496246
Conc: 25.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



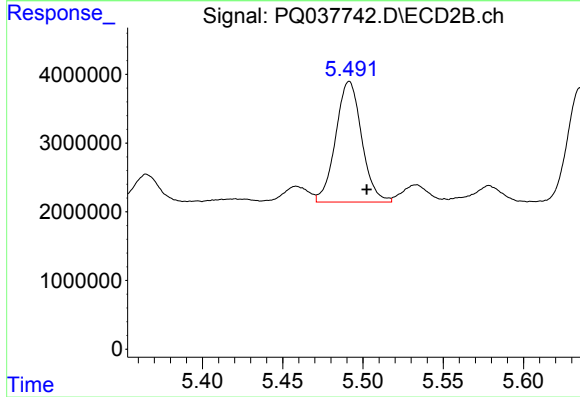
#25 AR-1248-5

R.T.: 5.533 min
Delta R.T.: -0.011 min
Response: 2894182
Conc: 26.36 ng/ml



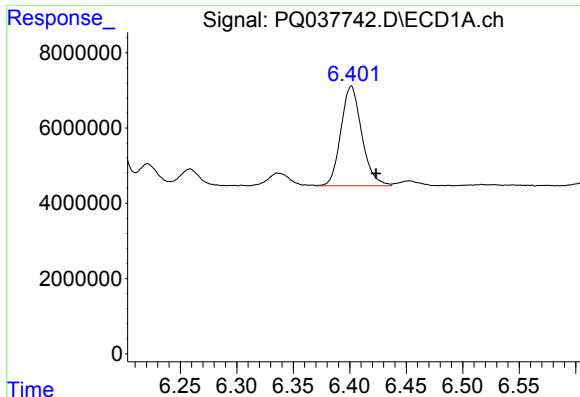
#26 AR-1254-1

R.T.: 6.221 min
Delta R.T.: 0.010 min
Response: 6909642
Conc: 32.62 ng/ml



#26 AR-1254-1

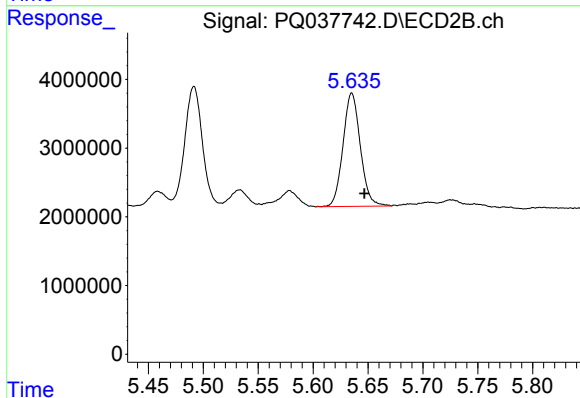
R.T.: 5.491 min
Delta R.T.: -0.011 min
Response: 19838396
Conc: 119.64 ng/ml



#27 AR-1254-2

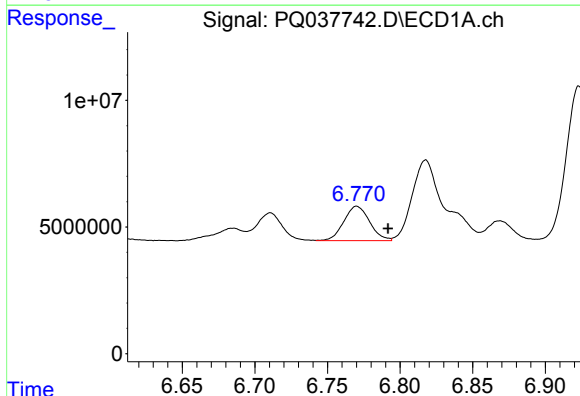
R.T.: 6.401 min
Delta R.T.: -0.022 min
Response: 34151446
Conc: 101.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



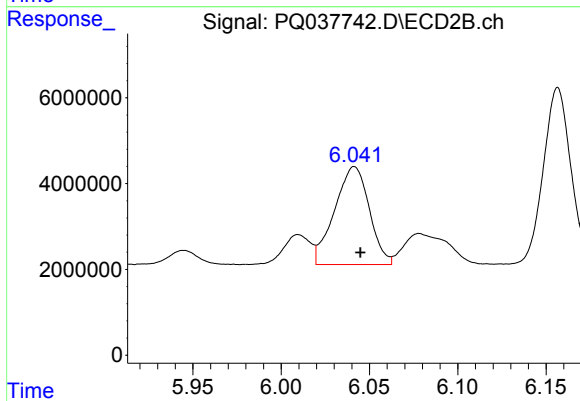
#27 AR-1254-2

R.T.: 5.635 min
Delta R.T.: -0.011 min
Response: 18158256
Conc: 127.50 ng/ml



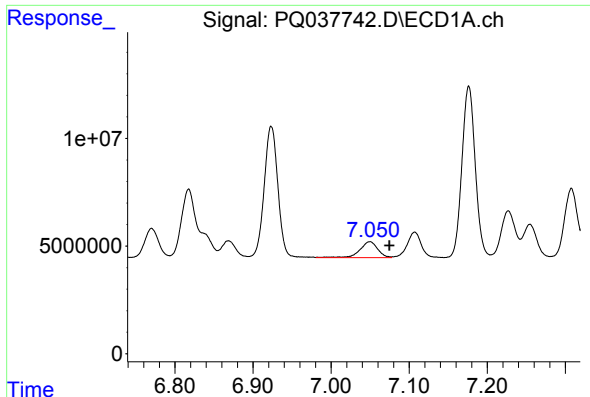
#28 AR-1254-3

R.T.: 6.770 min
Delta R.T.: -0.021 min
Response: 16913674
Conc: 48.73 ng/ml



#28 AR-1254-3

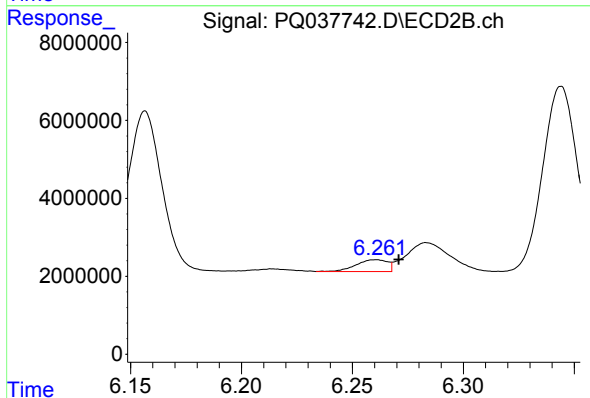
R.T.: 6.041 min
Delta R.T.: -0.003 min
Response: 31251754
Conc: 136.97 ng/ml



#29 AR-1254-4

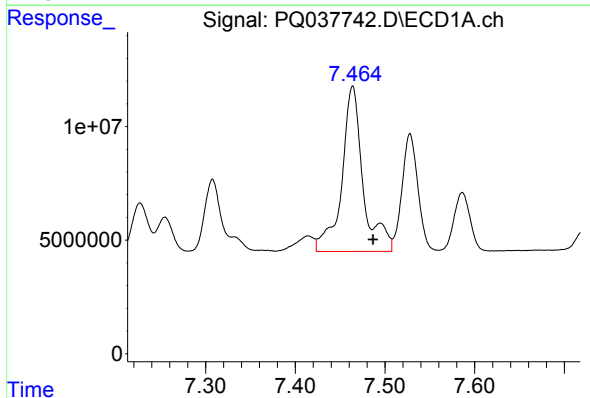
R.T.: 7.050 min
Delta R.T.: -0.025 min
Response: 11843978
Conc: 42.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



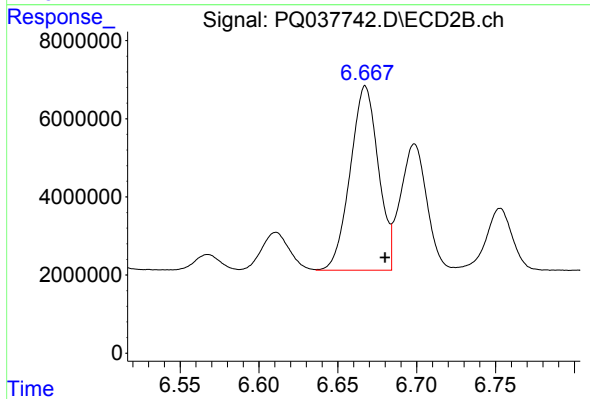
#29 AR-1254-4

R.T.: 6.261 min
Delta R.T.: -0.010 min
Response: 2972227
Conc: 17.31 ng/ml



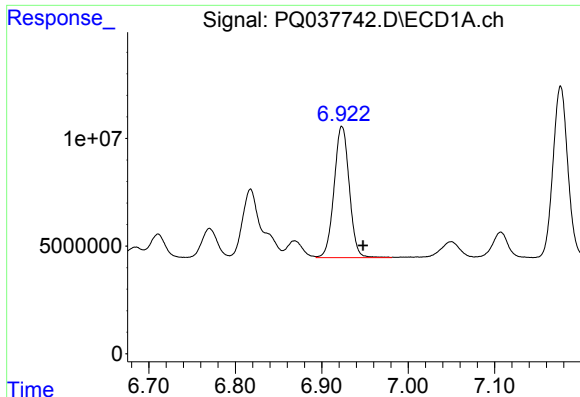
#30 AR-1254-5

R.T.: 7.464 min
Delta R.T.: -0.023 min
Response: 120271304
Conc: 435.16 ng/ml



#30 AR-1254-5

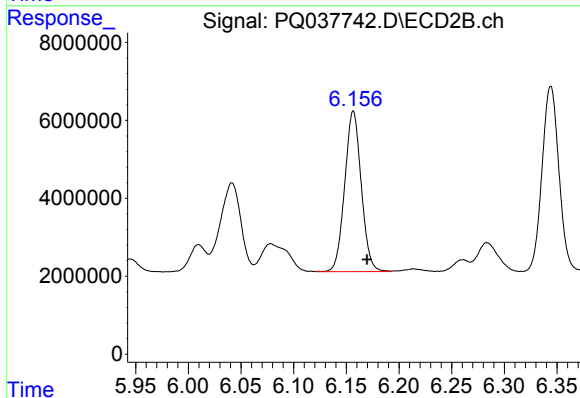
R.T.: 6.667 min
Delta R.T.: -0.013 min
Response: 58458813
Conc: 301.91 ng/ml



#31 AR-1260-1

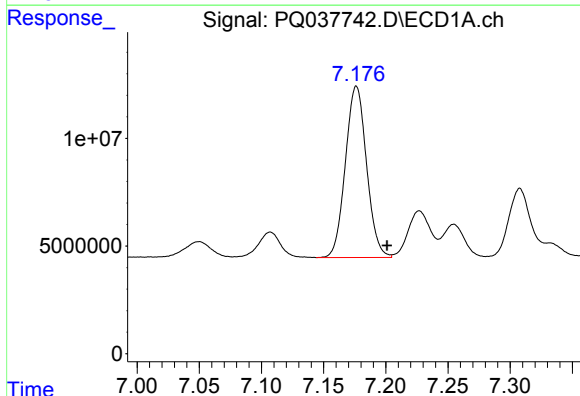
R.T.: 6.923 min
Delta R.T.: -0.024 min
Response: 74551473
Conc: 167.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



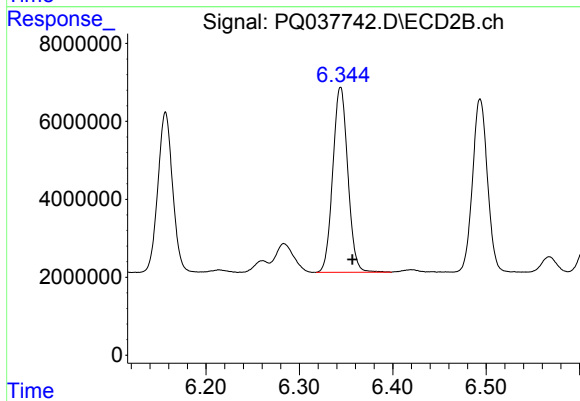
#31 AR-1260-1

R.T.: 6.157 min
Delta R.T.: -0.013 min
Response: 45111463
Conc: 177.93 ng/ml



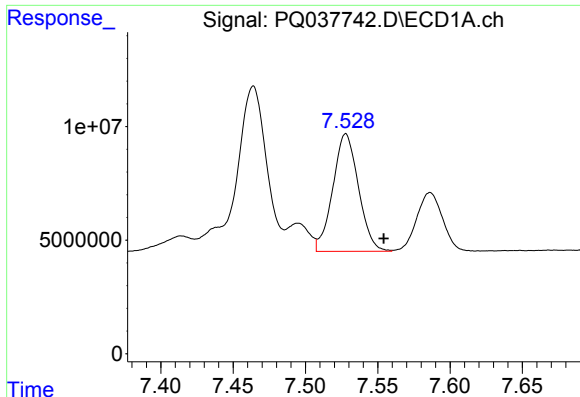
#32 AR-1260-2

R.T.: 7.176 min
Delta R.T.: -0.025 min
Response: 94269433
Conc: 163.04 ng/ml



#32 AR-1260-2

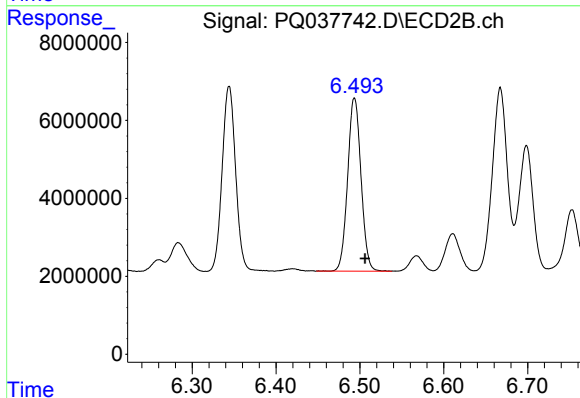
R.T.: 6.344 min
Delta R.T.: -0.013 min
Response: 53094210
Conc: 172.74 ng/ml



#33 AR-1260-3

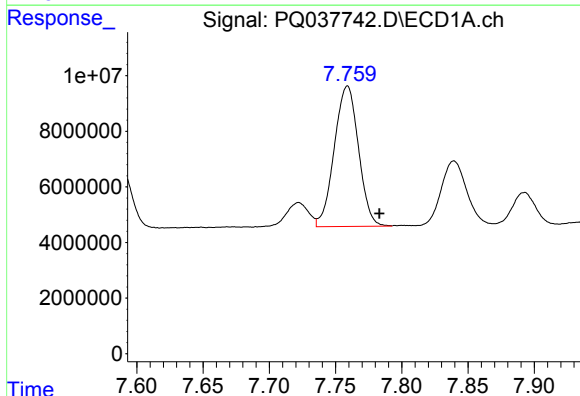
R.T.: 7.528 min
Delta R.T.: -0.026 min
Response: 63944857
Conc: 143.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



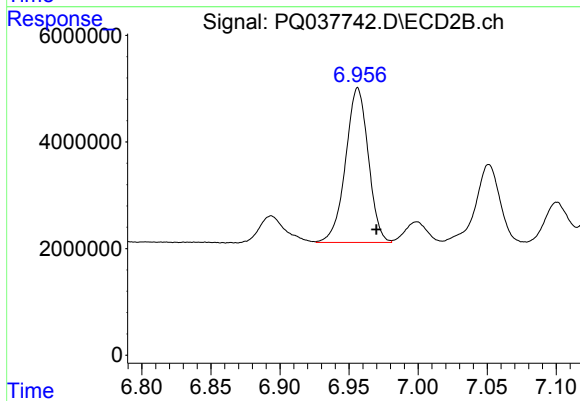
#33 AR-1260-3

R.T.: 6.494 min
Delta R.T.: -0.013 min
Response: 49169616
Conc: 173.15 ng/ml



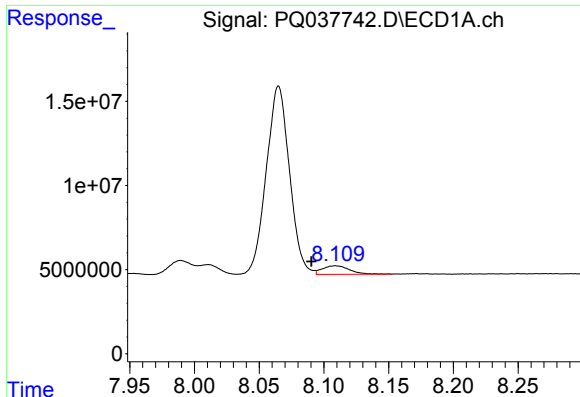
#34 AR-1260-4

R.T.: 7.759 min
Delta R.T.: -0.024 min
Response: 64272944
Conc: 146.74 ng/ml



#34 AR-1260-4

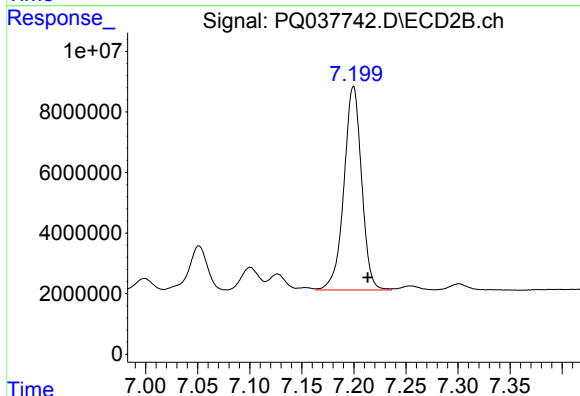
R.T.: 6.956 min
Delta R.T.: -0.013 min
Response: 33264165
Conc: 151.14 ng/ml



#35 AR-1260-5

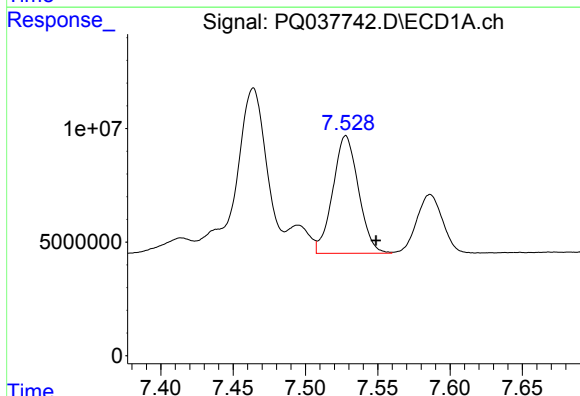
R.T.: 8.109 min
Delta R.T.: 0.019 min
Response: 7453023
Conc: 7.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



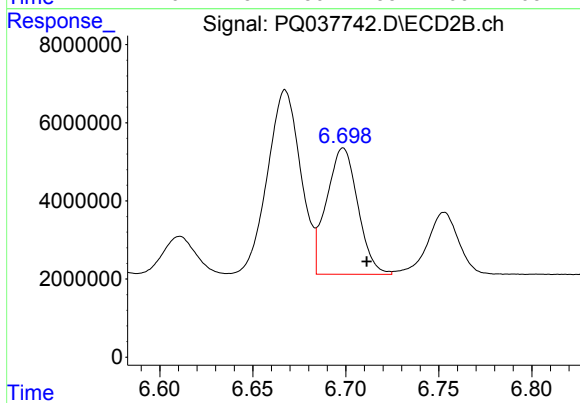
#35 AR-1260-5

R.T.: 7.200 min
Delta R.T.: -0.014 min
Response: 79533205
Conc: 150.64 ng/ml



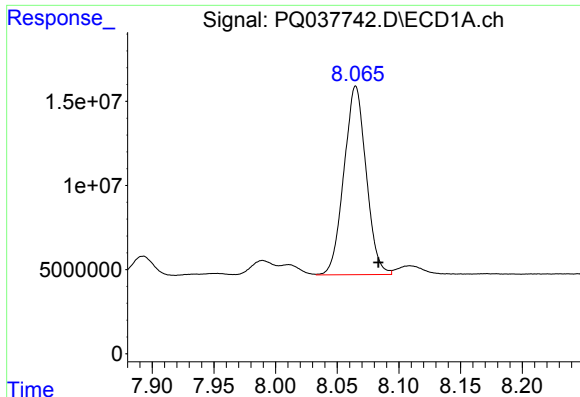
#36 AR-1262-1

R.T.: 7.528 min
Delta R.T.: -0.021 min
Response: 63944857
Conc: 160.09 ng/ml



#36 AR-1262-1

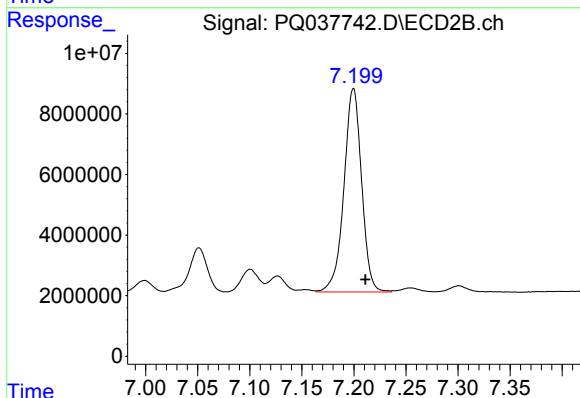
R.T.: 6.699 min
Delta R.T.: -0.013 min
Response: 37834471
Conc: 180.78 ng/ml



#37 AR-1262-2

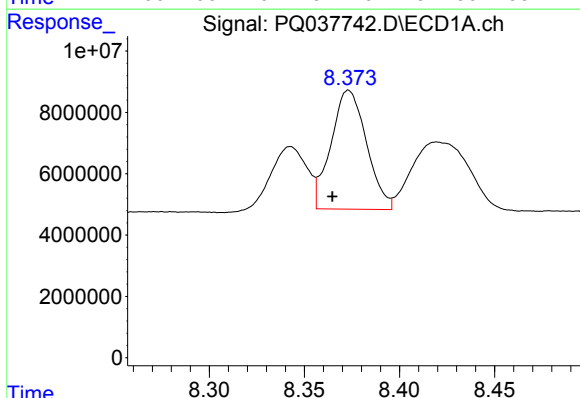
R.T.: 8.065 min
Delta R.T.: -0.018 min
Response: 140316255
Conc: 202.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



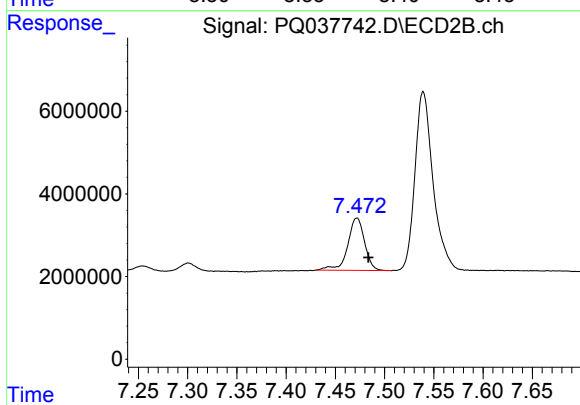
#37 AR-1262-2

R.T.: 7.200 min
Delta R.T.: -0.012 min
Response: 79533205
Conc: 214.69 ng/ml



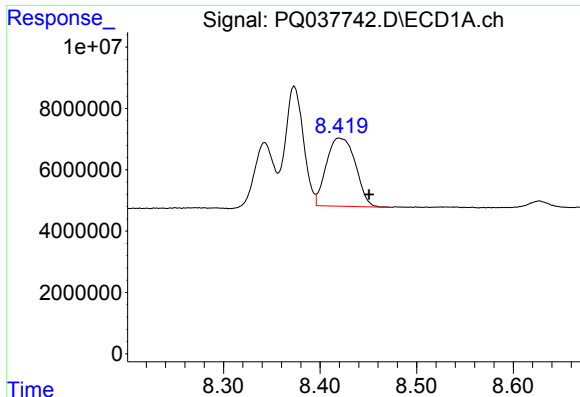
#38 AR-1262-3

R.T.: 8.373 min
Delta R.T.: 0.009 min
Response: 50474320
Conc: 168.57 ng/ml



#38 AR-1262-3

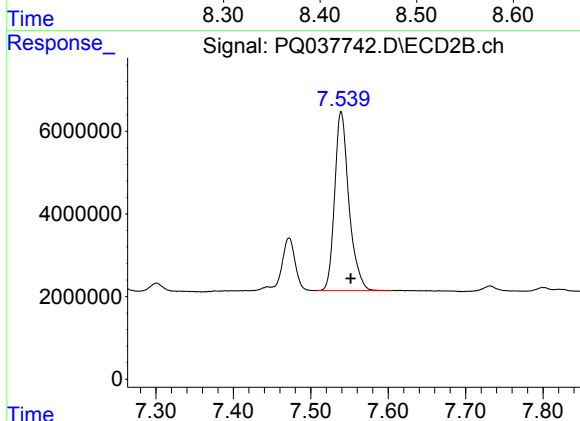
R.T.: 7.472 min
Delta R.T.: -0.012 min
Response: 15129040
Conc: 103.51 ng/ml



#39 AR-1262-4

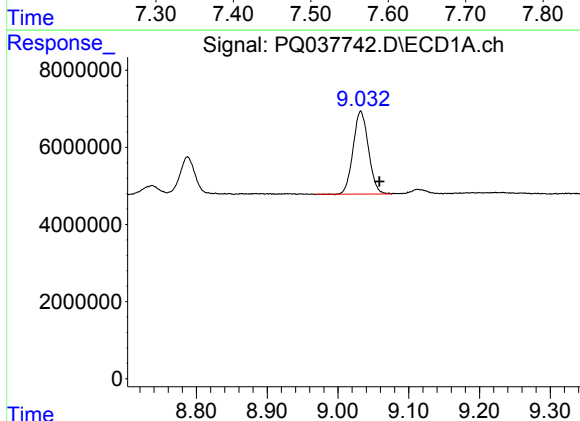
R.T.: 8.421 min
Delta R.T.: -0.030 min
Response: 46462818
Conc: 132.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



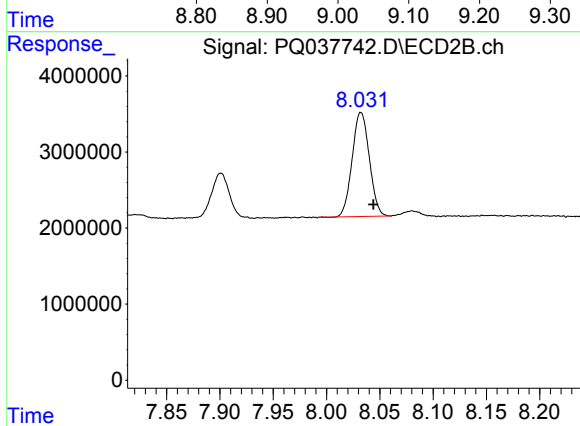
#39 AR-1262-4

R.T.: 7.539 min
Delta R.T.: -0.012 min
Response: 55605222
Conc: 208.51 ng/ml



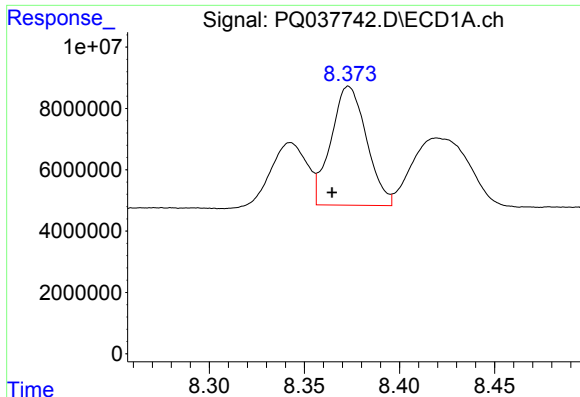
#40 AR-1262-5

R.T.: 9.032 min
Delta R.T.: -0.026 min
Response: 32390289
Conc: 135.81 ng/ml



#40 AR-1262-5

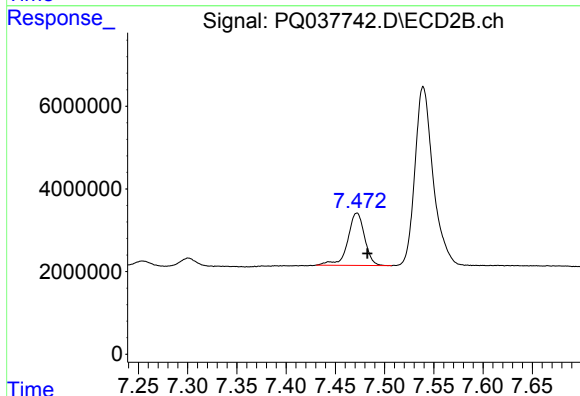
R.T.: 8.032 min
Delta R.T.: -0.012 min
Response: 15339340
Conc: 131.30 ng/ml



#41 AR-1268-1

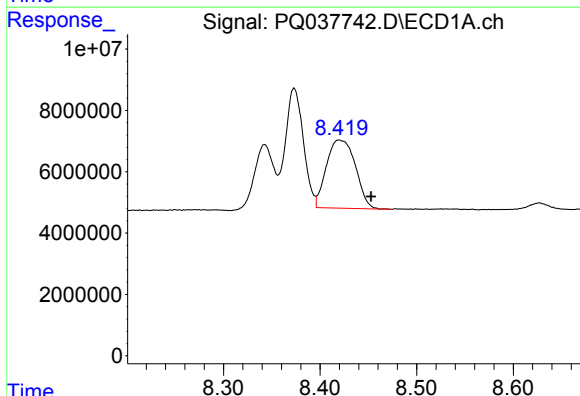
R.T.: 8.373 min
Delta R.T.: 0.009 min
Response: 50474320
Conc: 37.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



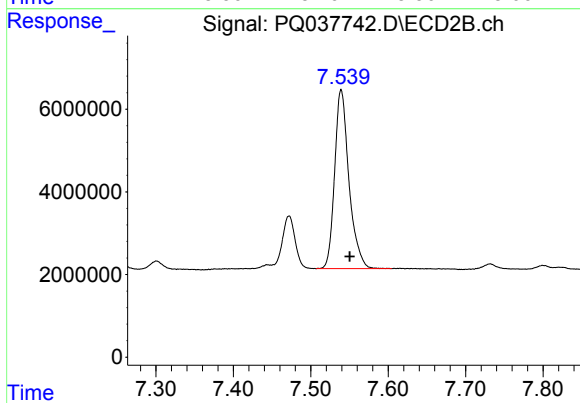
#41 AR-1268-1

R.T.: 7.472 min
Delta R.T.: -0.011 min
Response: 15129040
Conc: 23.10 ng/ml



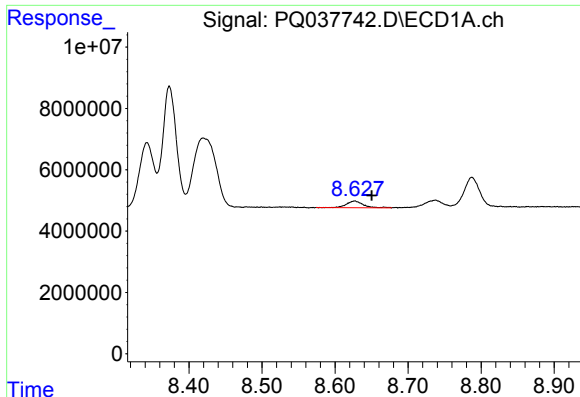
#42 AR-1268-2

R.T.: 8.421 min
Delta R.T.: -0.032 min
Response: 46462818
Conc: 37.72 ng/ml



#42 AR-1268-2

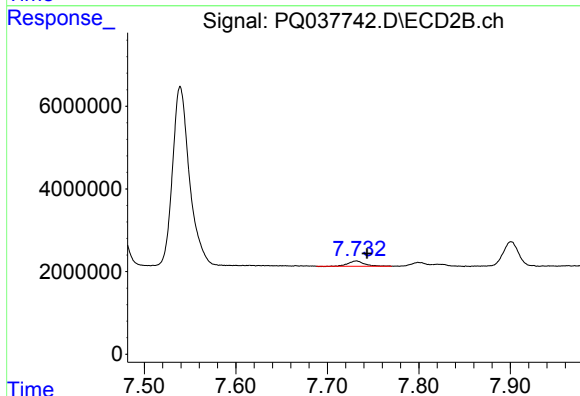
R.T.: 7.539 min
Delta R.T.: -0.011 min
Response: 55605222
Conc: 92.98 ng/ml



#43 AR-1268-3

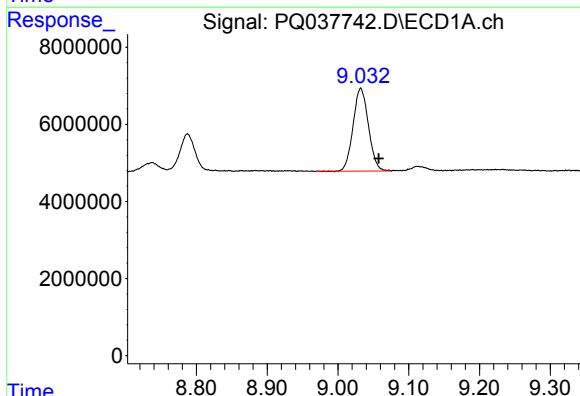
R.T.: 8.627 min
Delta R.T.: -0.023 min
Response: 3486767
Conc: 3.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



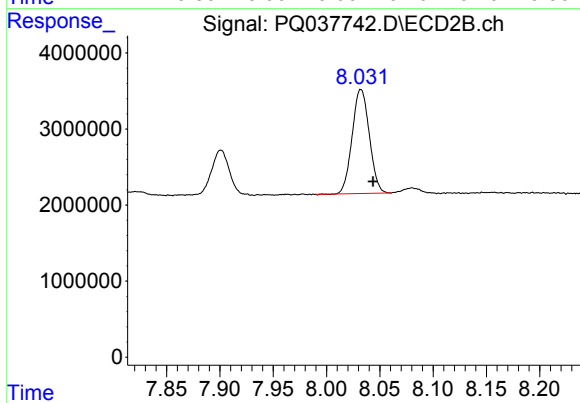
#43 AR-1268-3

R.T.: 7.732 min
Delta R.T.: -0.012 min
Response: 1564850
Conc: 3.14 ng/ml



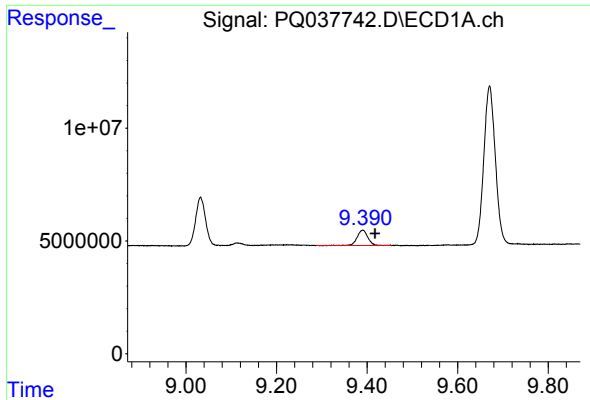
#44 AR-1268-4

R.T.: 9.032 min
Delta R.T.: -0.025 min
Response: 32390289
Conc: 81.21 ng/ml



#44 AR-1268-4

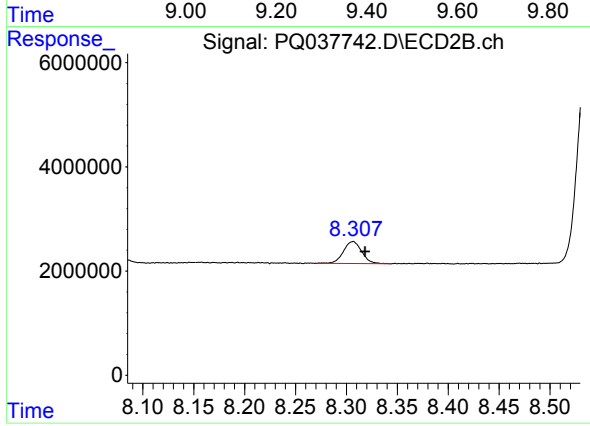
R.T.: 8.032 min
Delta R.T.: -0.011 min
Response: 15339340
Conc: 78.26 ng/ml



#45 AR-1268-5

R.T.: 9.390 min
Delta R.T.: -0.028 min
Response: 11153006
Conc: 3.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BF5H7MS



#45 AR-1268-5

R.T.: 8.306 min
Delta R.T.: -0.012 min
Response: 5300312
Conc: 3.44 ng/ml