

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ030519\
 Data File : PQ037799.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Mar 2019 10:34
 Operator : SM\SJ
 Sample : K1708-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 PCB-GPC-BLANK-SPIKE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 23:47:59 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...	4.207	0.000	2197378	0	0.386	N.D. #
Target Compounds							
3)	L1 AR-1016-1	5.375	4.724	68951485	37641043	238.566	243.978
4)	L1 AR-1016-2	5.375	4.724	68951485	37641043	154.295	156.809
5)	L1 AR-1016-3	5.435	4.898	40100645	18612587	152.570	152.853
6)	L1 AR-1016-4	5.535	4.936	32768053	15061636	149.046	161.269
7)	L1 AR-1016-5	5.857	5.146	12618707	18818019	58.704	150.236 #
8)	L2 AR-1221-1	4.420	3.855	3719358	2701034	59.357	79.381 #
9)	L2 AR-1221-2	4.508	3.940	4757425	3091907	108.035	128.913
10)	L2 AR-1221-3	4.584	4.014	22626046	13058612	147.202	154.419
11)	L3 AR-1232-1	4.584	4.014	22626046	13058612	198.262	210.955
12)	L3 AR-1232-2	5.094	4.724	32105744	37641043	549.169	547.803
13)	L3 AR-1232-3	5.375	4.898	68951485	18612587	551.991	534.470
14)	L3 AR-1232-4	5.535	4.977	32768053	18439607	512.777	625.375
15)	L3 AR-1232-5	5.658	5.146	28776154	18818019	630.958	553.734
16)	L4 AR-1242-1	5.375	4.724	68951485	37641043	420.342	419.037
17)	L4 AR-1242-2	5.375	4.724	68951485	37641043	273.565	276.034
18)	L4 AR-1242-3	5.435	4.898	40100645	18612587	265.107	263.891
19)	L4 AR-1242-4	5.535	4.977	32768053	18439607	260.319	268.743
20)	L4 AR-1242-5	6.253	5.488	3787653	14818073	27.293	169.486 #
21)	L5 AR-1248-1	5.375	4.724	68951485	37641043	585.856	564.263
22)	L5 AR-1248-2	5.658	4.936	28776154	15061636	167.733	166.608
23)	L5 AR-1248-3	5.857	4.977	12618707	18439607	64.951	199.794 #
24)	L5 AR-1248-4	6.253	5.146	3787653	18818019	16.659	165.827 #
25)	L5 AR-1248-5	6.253	5.529	3787653	1954094	17.538	17.798
26)	L6 AR-1254-1	6.215	5.488	4899782	14818073	23.135	89.367 #
27)	L6 AR-1254-2	6.447	5.633	2240297	14032724	6.681	98.535 #
28)	L6 AR-1254-3	6.811	6.038	39706302	24051482	114.408	105.414
29)	L6 AR-1254-4	7.099	6.280	11462902	8323183	41.419	48.464
30)	L6 AR-1254-5	7.487	6.695	10765926	29346303	38.953	151.561 #
31)	L7 AR-1260-1	6.916	6.154	59884885	36411572	134.778	143.617
32)	L7 AR-1260-2	7.221	6.341	21788942	42010465	37.684	136.677 #
33)	L7 AR-1260-3	7.579	6.490	25868765	38258530	57.905	134.724 #
34)	L7 AR-1260-4	7.751	6.953	51199292	25212940	116.895	114.556
35)	L7 AR-1260-5	8.101	7.196	6081560	59051197	6.067	111.842 #
36)	L8 AR-1262-1	7.521	6.695	51957686	29346303	130.080	140.224
37)	L8 AR-1262-2	8.101	7.196	6081560	59051197	8.779	159.402 #
38)	L8 AR-1262-3	8.366	7.468	31346065	10827225	104.688	74.077 #
39)	L8 AR-1262-4	8.411	7.536	29983720	40239486	85.333	150.890 #
40)	L8 AR-1262-5	9.023	8.029	26990826	10912598	113.174	93.406
41)	L9 AR-1268-1	8.366	7.468	31346065	10827225	23.382	16.529 #
42)	L9 AR-1268-2	8.411	7.536	29983720	40239486	24.340	67.285 #

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 Acq On : 05 Mar 2019 10:34
 Operator : SM\SJ
 Sample : K1708-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

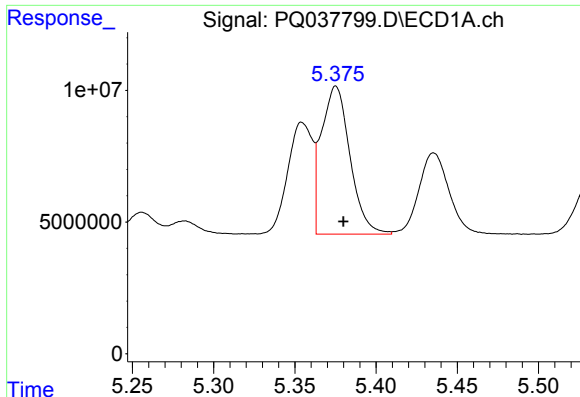
Instrument :
 ECD_Q
 ClientSampleId :
 PCB-GPC-BLANK-SPIKE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 05 23:47:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
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 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
43) L9	AR-1268-3	8.619	0.000	2579710	0	2.354	N.D. #
44) L9	AR-1268-4	9.023	8.029	26990826	10912598	67.670	55.676
45) L9	AR-1268-5	9.380	8.302	7821770	3666779	2.406	2.383

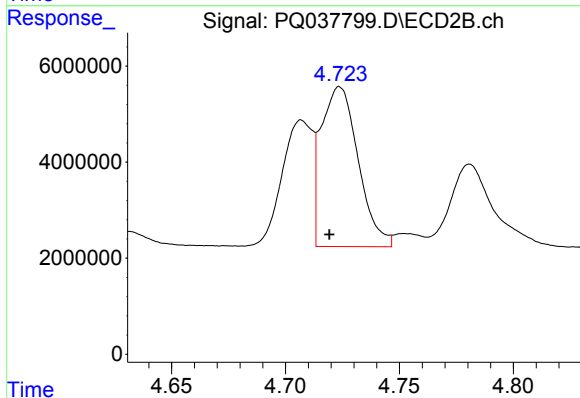
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

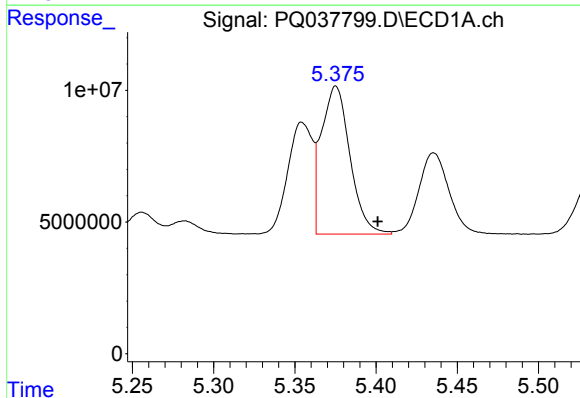
R.T.: 5.375 min
Delta R.T.: -0.005 min
Response: 68951485
Conc: 238.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



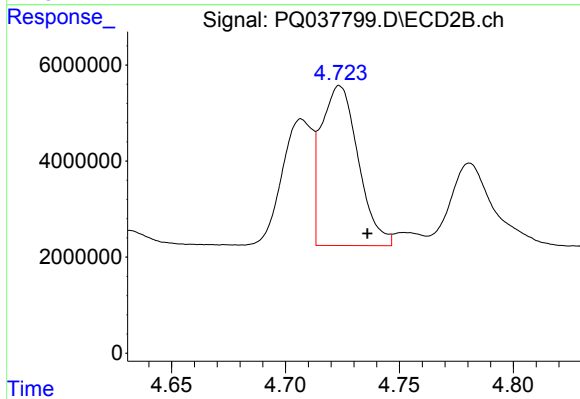
#3 AR-1016-1

R.T.: 4.724 min
Delta R.T.: 0.004 min
Response: 37641043
Conc: 243.98 ng/ml



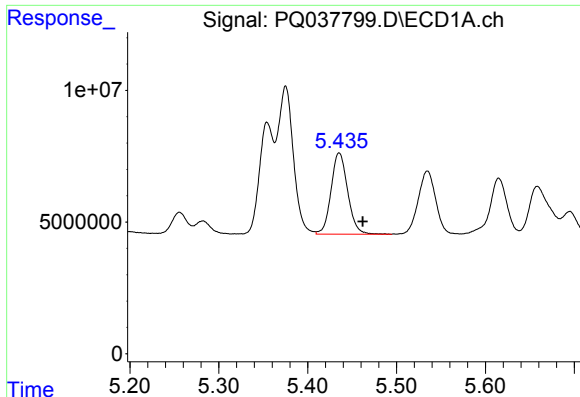
#4 AR-1016-2

R.T.: 5.375 min
Delta R.T.: -0.026 min
Response: 68951485
Conc: 154.29 ng/ml



#4 AR-1016-2

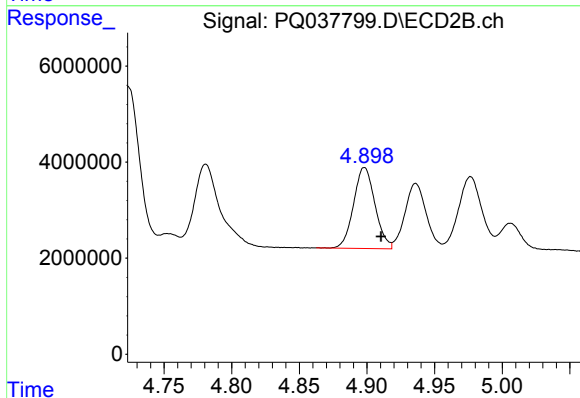
R.T.: 4.724 min
Delta R.T.: -0.012 min
Response: 37641043
Conc: 156.81 ng/ml



#5 AR-1016-3

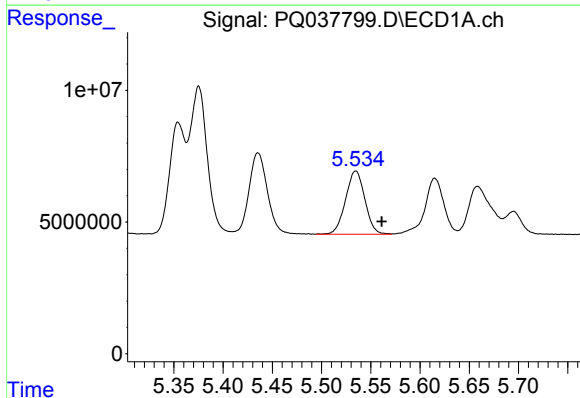
R.T.: 5.435 min
Delta R.T.: -0.026 min
Response: 40100645
Conc: 152.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



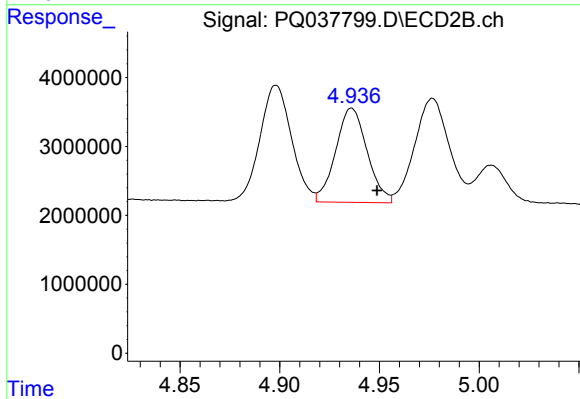
#5 AR-1016-3

R.T.: 4.898 min
Delta R.T.: -0.012 min
Response: 18612587
Conc: 152.85 ng/ml



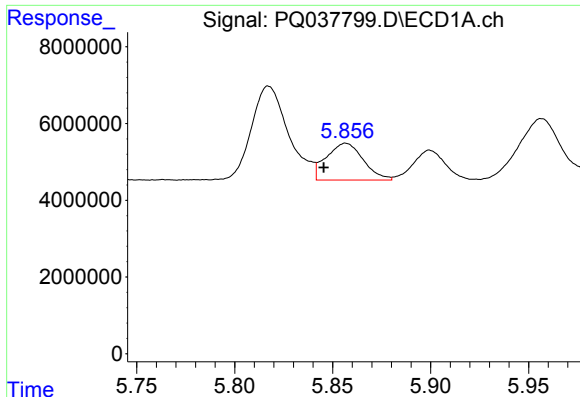
#6 AR-1016-4

R.T.: 5.535 min
Delta R.T.: -0.027 min
Response: 32768053
Conc: 149.05 ng/ml



#6 AR-1016-4

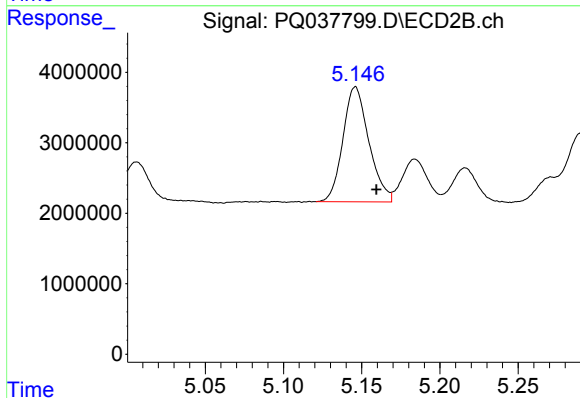
R.T.: 4.936 min
Delta R.T.: -0.013 min
Response: 15061636
Conc: 161.27 ng/ml



#7 AR-1016-5

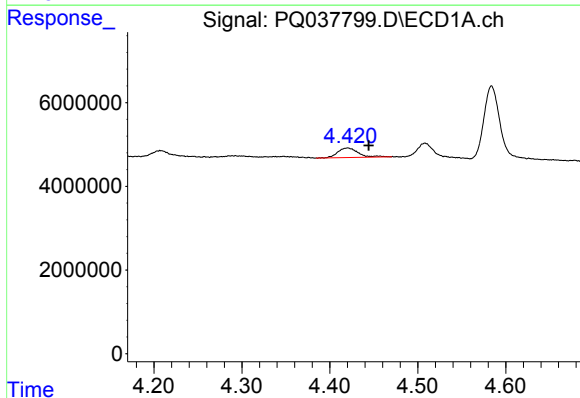
R.T.: 5.857 min
Delta R.T.: 0.011 min
Response: 12618707
Conc: 58.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



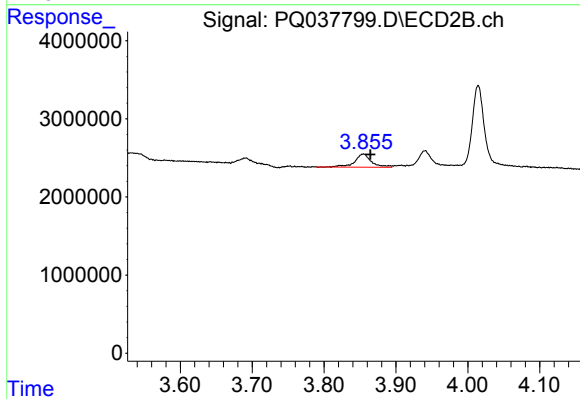
#7 AR-1016-5

R.T.: 5.146 min
Delta R.T.: -0.013 min
Response: 18818019
Conc: 150.24 ng/ml



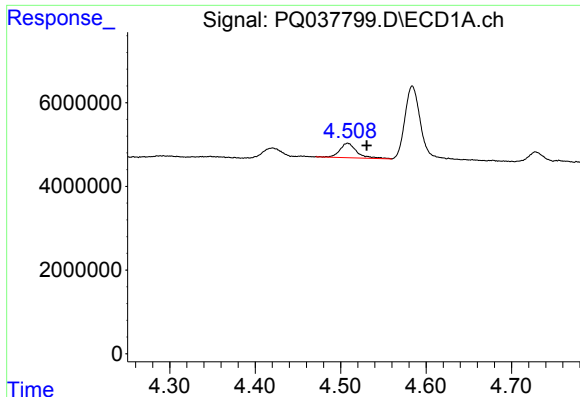
#8 AR-1221-1

R.T.: 4.420 min
Delta R.T.: -0.024 min
Response: 3719358
Conc: 59.36 ng/ml



#8 AR-1221-1

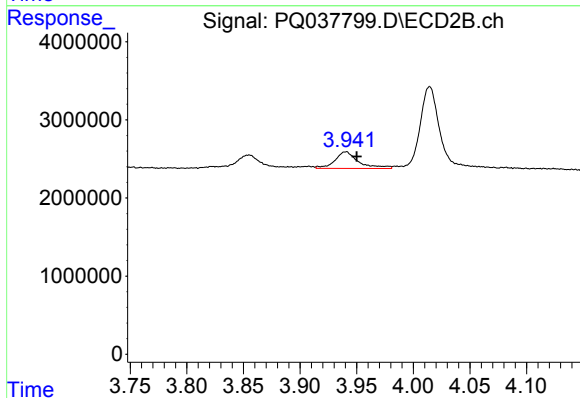
R.T.: 3.855 min
Delta R.T.: -0.009 min
Response: 2701034
Conc: 79.38 ng/ml



#9 AR-1221-2

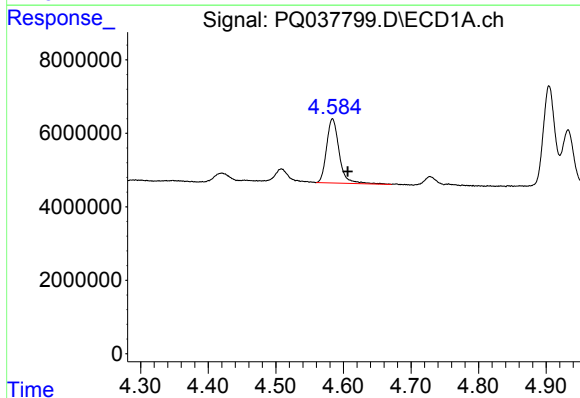
R.T.: 4.508 min
Delta R.T.: -0.022 min
Response: 4757425
Conc: 108.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



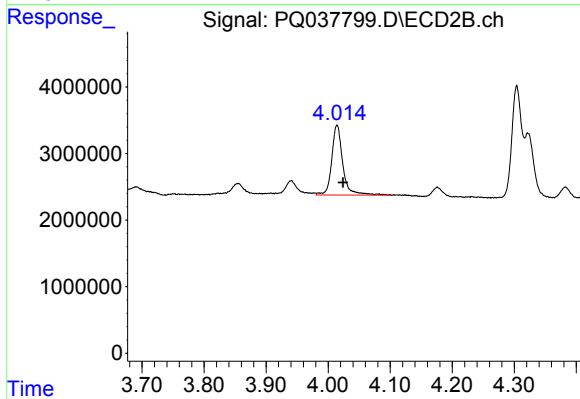
#9 AR-1221-2

R.T.: 3.940 min
Delta R.T.: -0.009 min
Response: 3091907
Conc: 128.91 ng/ml



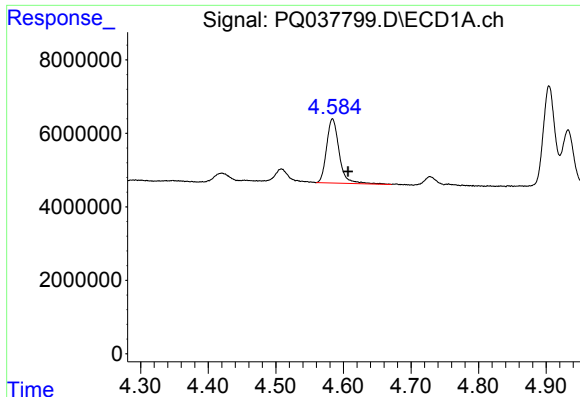
#10 AR-1221-3

R.T.: 4.584 min
Delta R.T.: -0.022 min
Response: 22626046
Conc: 147.20 ng/ml



#10 AR-1221-3

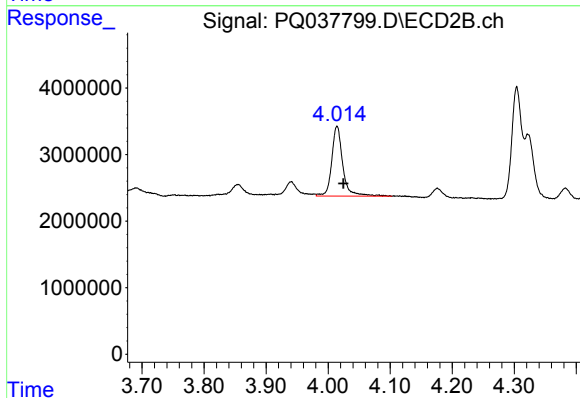
R.T.: 4.014 min
Delta R.T.: -0.010 min
Response: 13058612
Conc: 154.42 ng/ml



#11 AR-1232-1

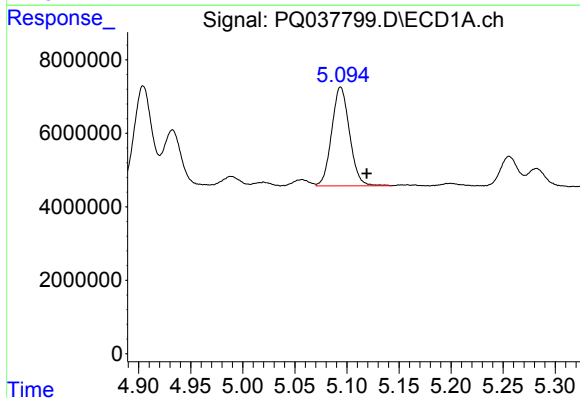
R.T.: 4.584 min
Delta R.T.: -0.023 min
Response: 22626046
Conc: 198.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



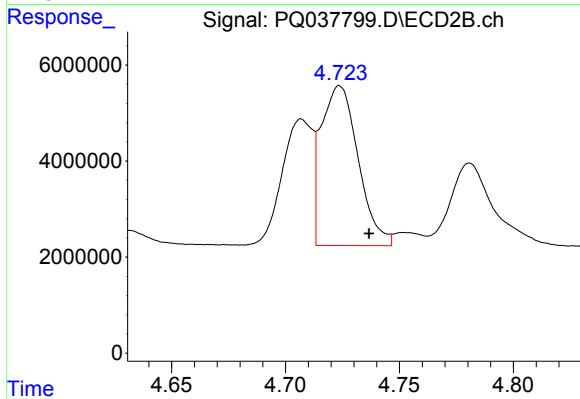
#11 AR-1232-1

R.T.: 4.014 min
Delta R.T.: -0.010 min
Response: 13058612
Conc: 210.95 ng/ml



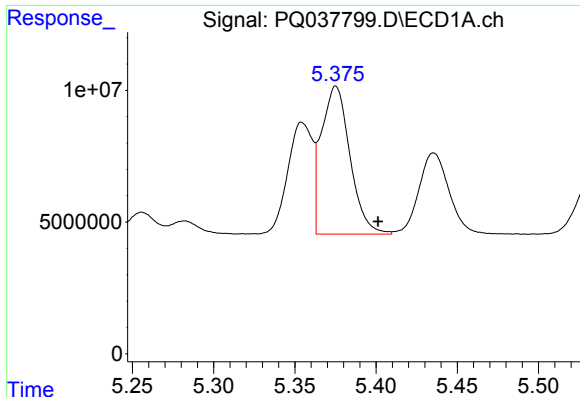
#12 AR-1232-2

R.T.: 5.094 min
Delta R.T.: -0.025 min
Response: 32105744
Conc: 549.17 ng/ml



#12 AR-1232-2

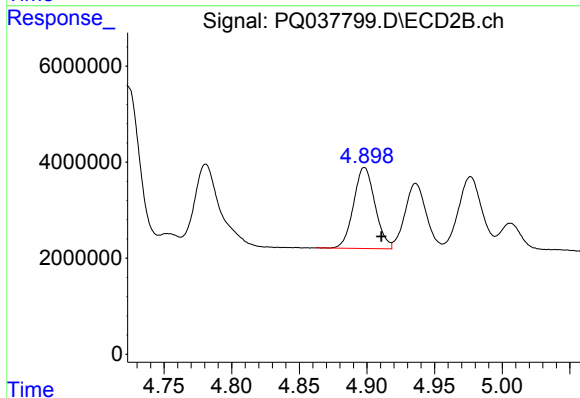
R.T.: 4.724 min
Delta R.T.: -0.013 min
Response: 37641043
Conc: 547.80 ng/ml



#13 AR-1232-3

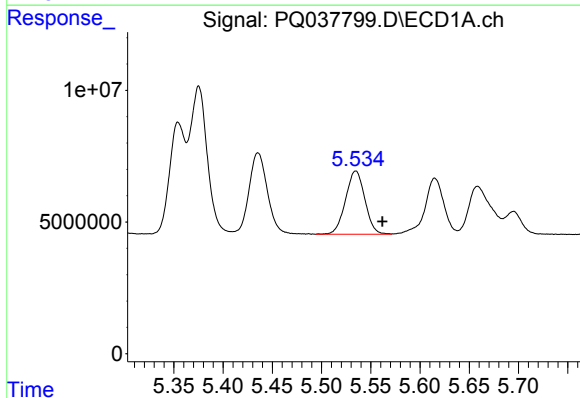
R.T.: 5.375 min
Delta R.T.: -0.026 min
Response: 68951485
Conc: 551.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



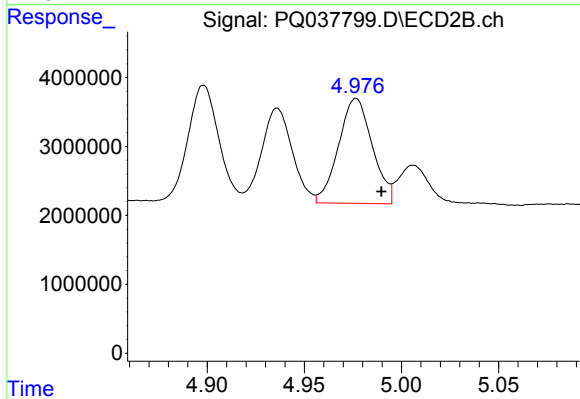
#13 AR-1232-3

R.T.: 4.898 min
Delta R.T.: -0.013 min
Response: 18612587
Conc: 534.47 ng/ml



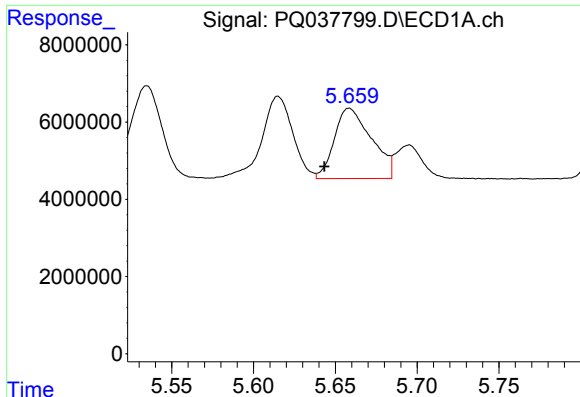
#14 AR-1232-4

R.T.: 5.535 min
Delta R.T.: -0.027 min
Response: 32768053
Conc: 512.78 ng/ml



#14 AR-1232-4

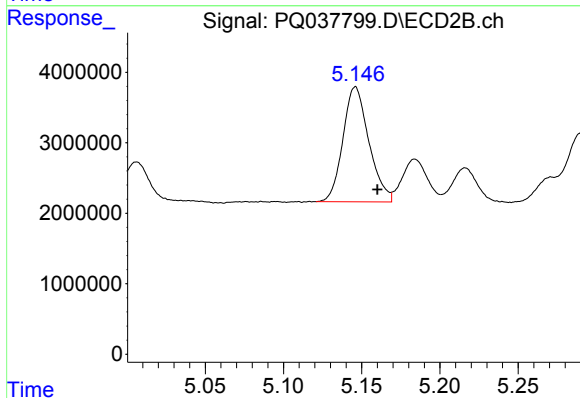
R.T.: 4.977 min
Delta R.T.: -0.013 min
Response: 18439607
Conc: 625.37 ng/ml



#15 AR-1232-5

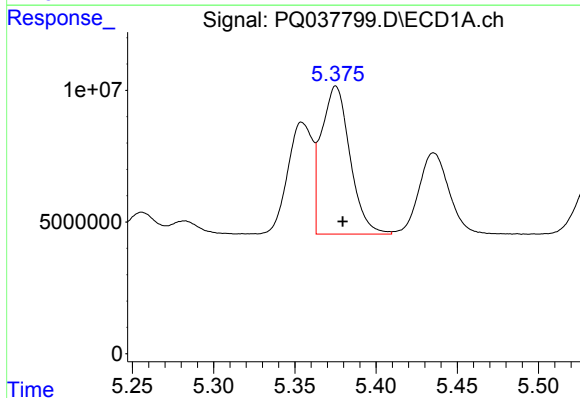
R.T.: 5.658 min
Delta R.T.: 0.015 min
Response: 28776154
Conc: 630.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



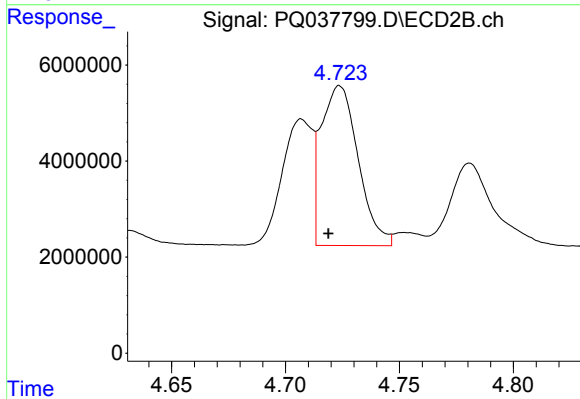
#15 AR-1232-5

R.T.: 5.146 min
Delta R.T.: -0.014 min
Response: 18818019
Conc: 553.73 ng/ml



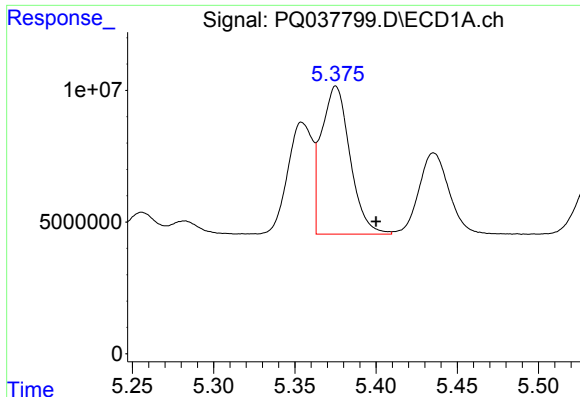
#16 AR-1242-1

R.T.: 5.375 min
Delta R.T.: -0.004 min
Response: 68951485
Conc: 420.34 ng/ml



#16 AR-1242-1

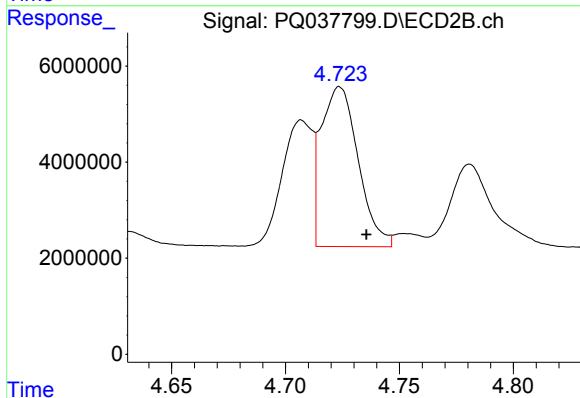
R.T.: 4.724 min
Delta R.T.: 0.005 min
Response: 37641043
Conc: 419.04 ng/ml



#17 AR-1242-2

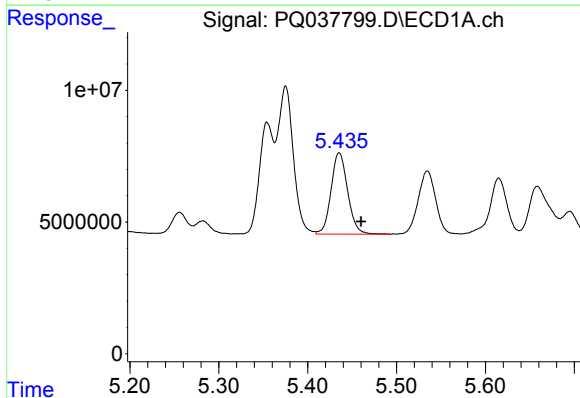
R.T.: 5.375 min
Delta R.T.: -0.025 min
Response: 68951485
Conc: 273.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



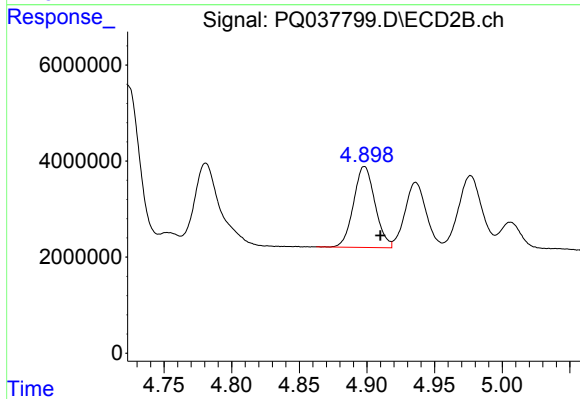
#17 AR-1242-2

R.T.: 4.724 min
Delta R.T.: -0.012 min
Response: 37641043
Conc: 276.03 ng/ml



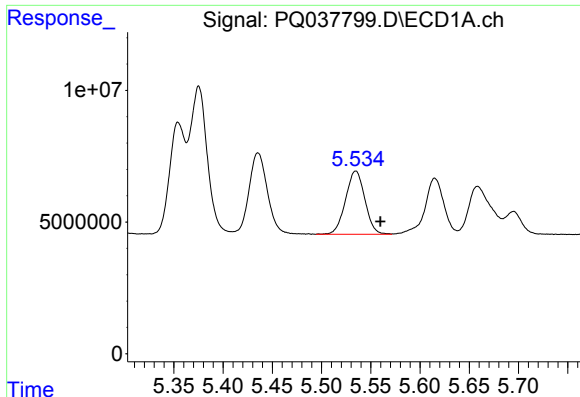
#18 AR-1242-3

R.T.: 5.435 min
Delta R.T.: -0.025 min
Response: 40100645
Conc: 265.11 ng/ml



#18 AR-1242-3

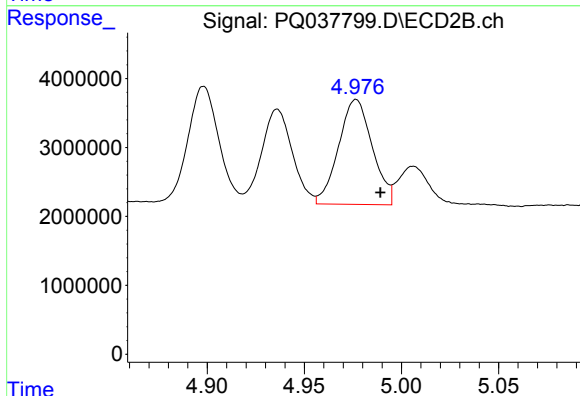
R.T.: 4.898 min
Delta R.T.: -0.012 min
Response: 18612587
Conc: 263.89 ng/ml



#19 AR-1242-4

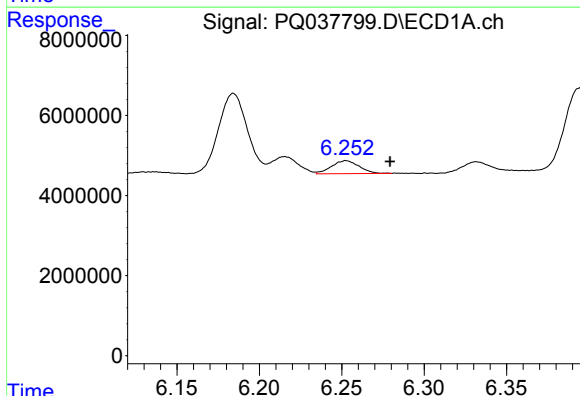
R.T.: 5.535 min
Delta R.T.: -0.025 min
Response: 32768053
Conc: 260.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



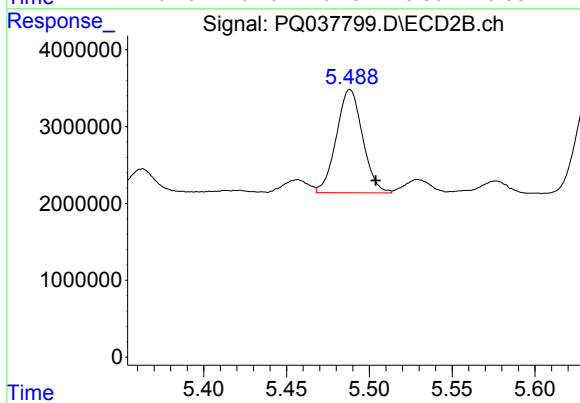
#19 AR-1242-4

R.T.: 4.977 min
Delta R.T.: -0.012 min
Response: 18439607
Conc: 268.74 ng/ml



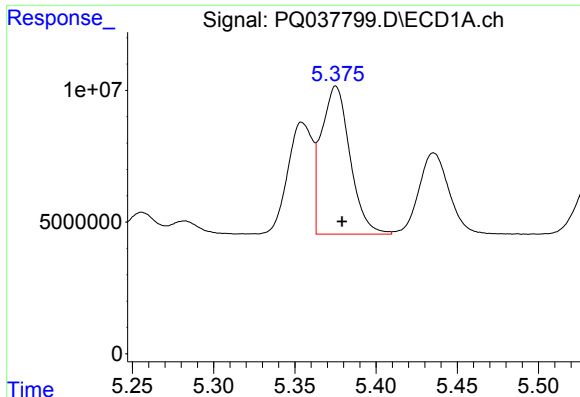
#20 AR-1242-5

R.T.: 6.253 min
Delta R.T.: -0.027 min
Response: 3787653
Conc: 27.29 ng/ml



#20 AR-1242-5

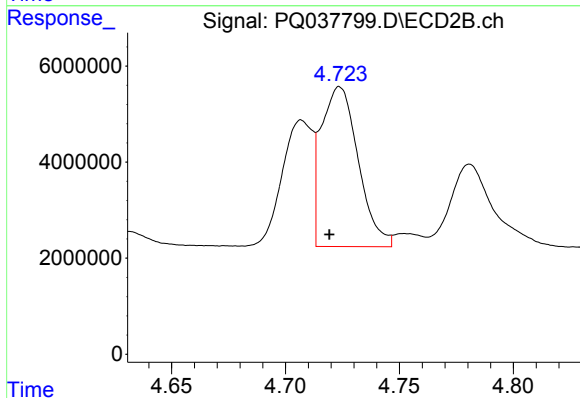
R.T.: 5.488 min
Delta R.T.: -0.016 min
Response: 14818073
Conc: 169.49 ng/ml



#21 AR-1248-1

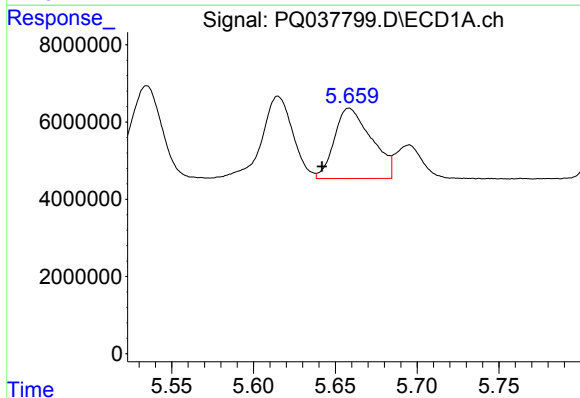
R.T.: 5.375 min
Delta R.T.: -0.004 min
Response: 68951485
Conc: 585.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



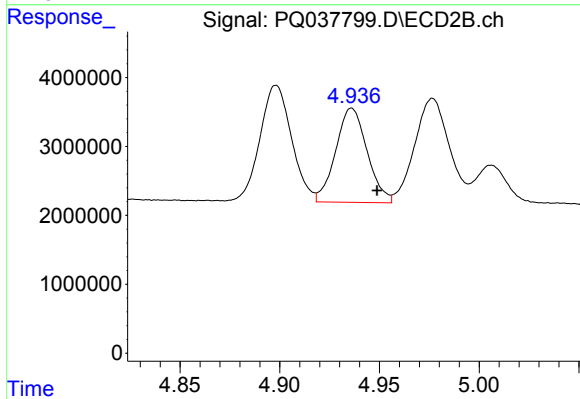
#21 AR-1248-1

R.T.: 4.724 min
Delta R.T.: 0.005 min
Response: 37641043
Conc: 564.26 ng/ml



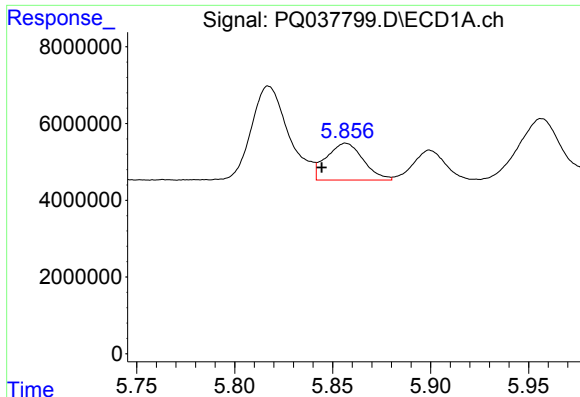
#22 AR-1248-2

R.T.: 5.658 min
Delta R.T.: 0.017 min
Response: 28776154
Conc: 167.73 ng/ml



#22 AR-1248-2

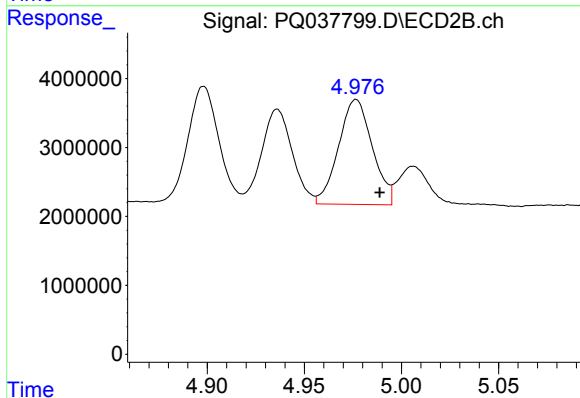
R.T.: 4.936 min
Delta R.T.: -0.013 min
Response: 15061636
Conc: 166.61 ng/ml



#23 AR-1248-3

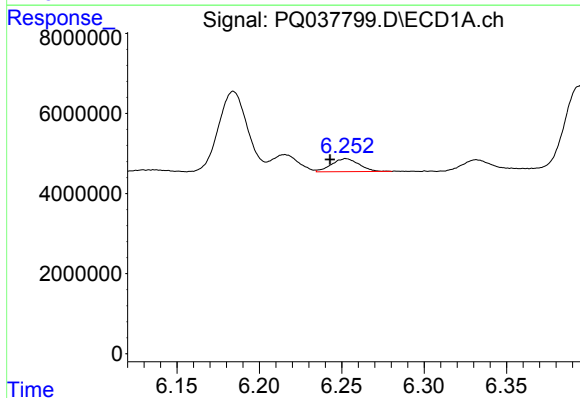
R.T.: 5.857 min
Delta R.T.: 0.012 min
Response: 12618707
Conc: 64.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



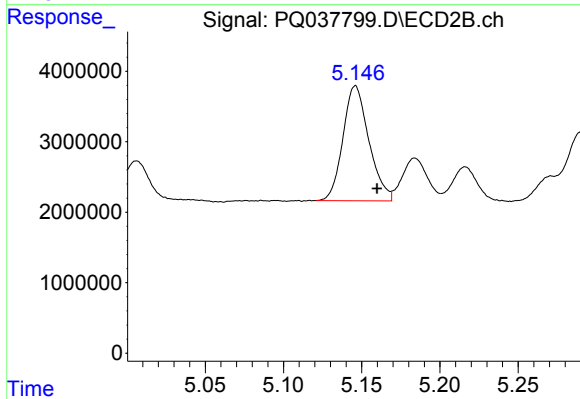
#23 AR-1248-3

R.T.: 4.977 min
Delta R.T.: -0.012 min
Response: 18439607
Conc: 199.79 ng/ml



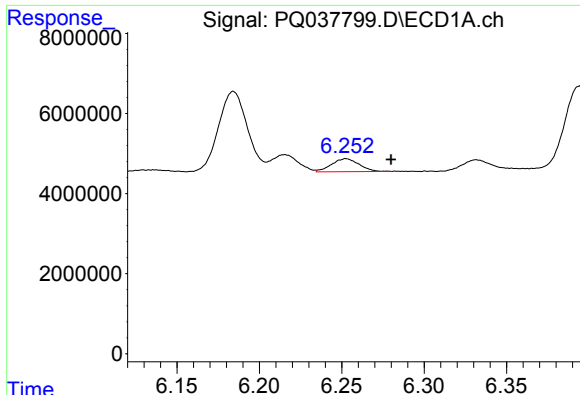
#24 AR-1248-4

R.T.: 6.253 min
Delta R.T.: 0.010 min
Response: 3787653
Conc: 16.66 ng/ml



#24 AR-1248-4

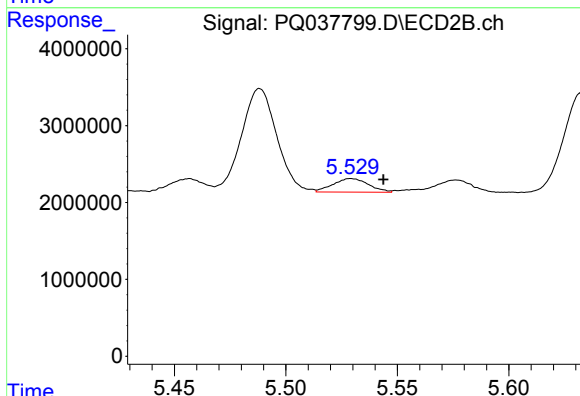
R.T.: 5.146 min
Delta R.T.: -0.014 min
Response: 18818019
Conc: 165.83 ng/ml



#25 AR-1248-5

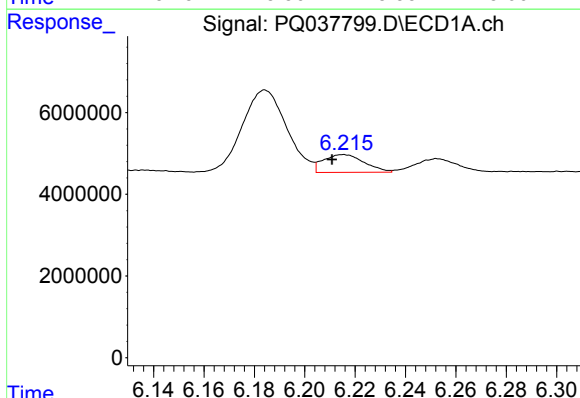
R.T.: 6.253 min
Delta R.T.: -0.027 min
Response: 3787653
Conc: 17.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



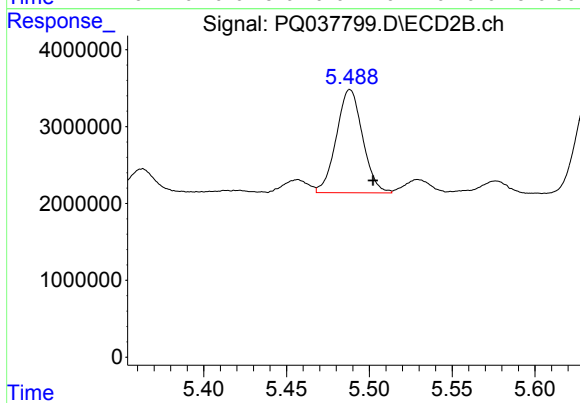
#25 AR-1248-5

R.T.: 5.529 min
Delta R.T.: -0.014 min
Response: 1954094
Conc: 17.80 ng/ml



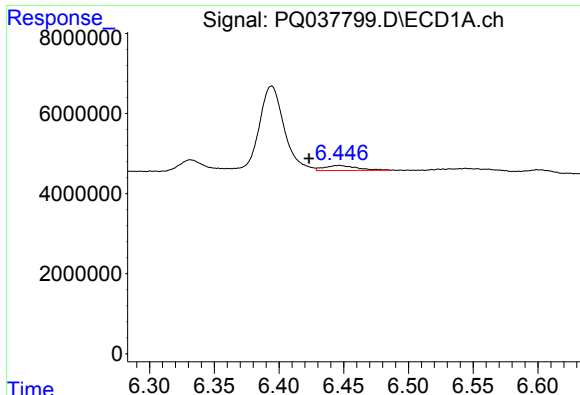
#26 AR-1254-1

R.T.: 6.215 min
Delta R.T.: 0.005 min
Response: 4899782
Conc: 23.14 ng/ml



#26 AR-1254-1

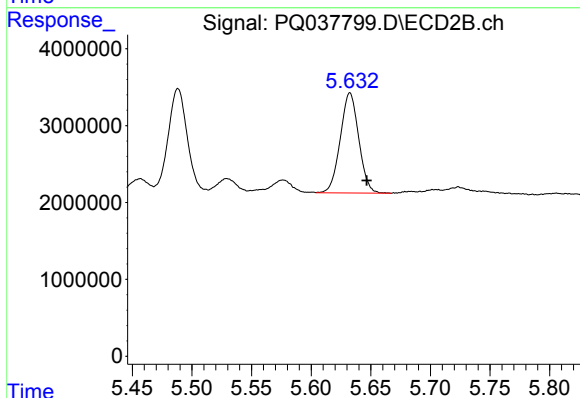
R.T.: 5.488 min
Delta R.T.: -0.014 min
Response: 14818073
Conc: 89.37 ng/ml



#27 AR-1254-2

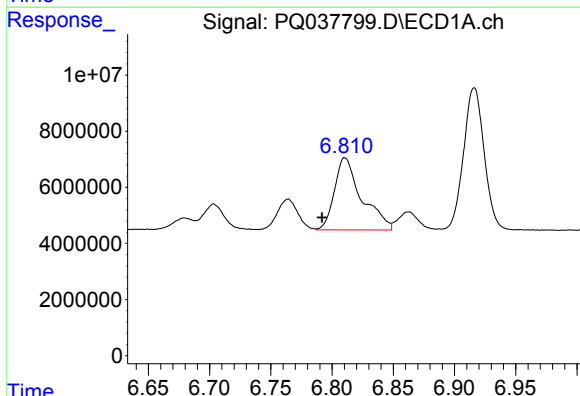
R.T.: 6.447 min
Delta R.T.: 0.024 min
Response: 2240297
Conc: 6.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



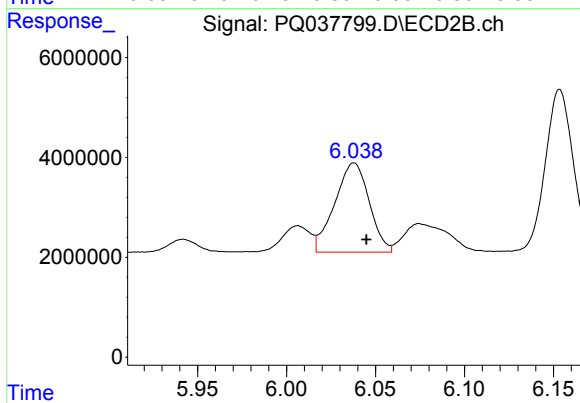
#27 AR-1254-2

R.T.: 5.633 min
Delta R.T.: -0.014 min
Response: 14032724
Conc: 98.54 ng/ml



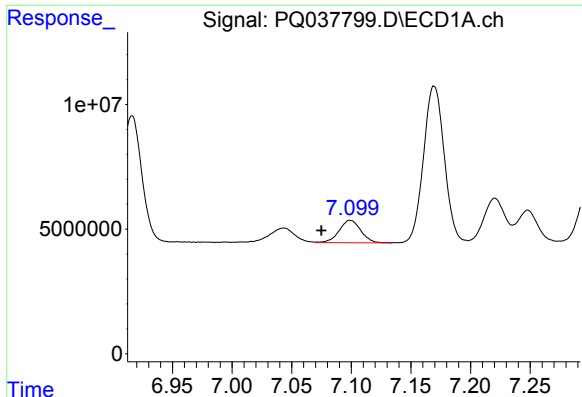
#28 AR-1254-3

R.T.: 6.811 min
Delta R.T.: 0.019 min
Response: 39706302
Conc: 114.41 ng/ml



#28 AR-1254-3

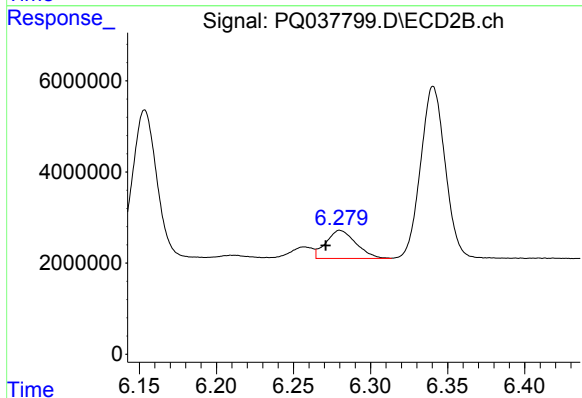
R.T.: 6.038 min
Delta R.T.: -0.007 min
Response: 24051482
Conc: 105.41 ng/ml



#29 AR-1254-4

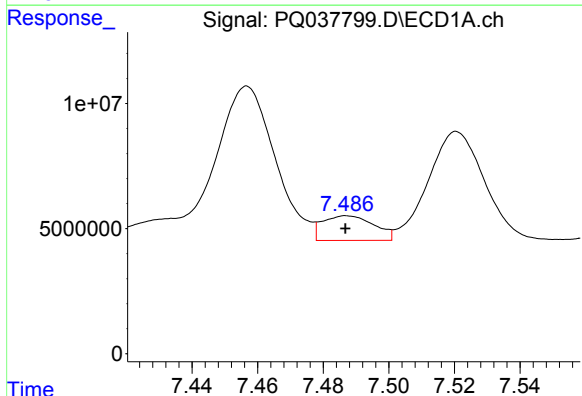
R.T.: 7.099 min
Delta R.T.: 0.024 min
Response: 11462902
Conc: 41.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



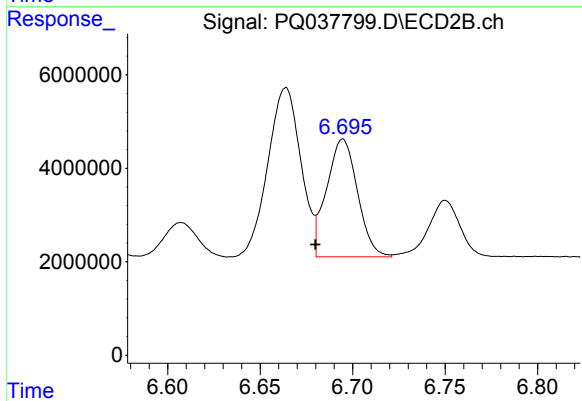
#29 AR-1254-4

R.T.: 6.280 min
Delta R.T.: 0.009 min
Response: 8323183
Conc: 48.46 ng/ml



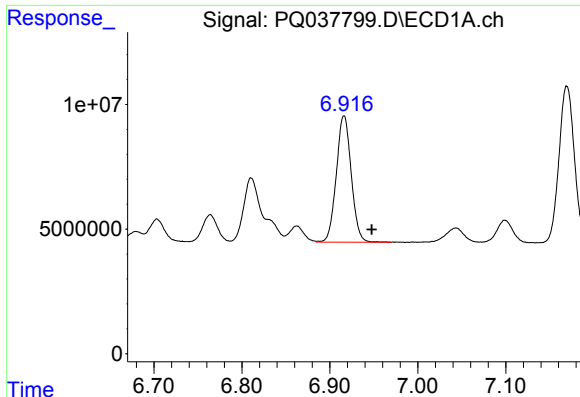
#30 AR-1254-5

R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 10765926
Conc: 38.95 ng/ml



#30 AR-1254-5

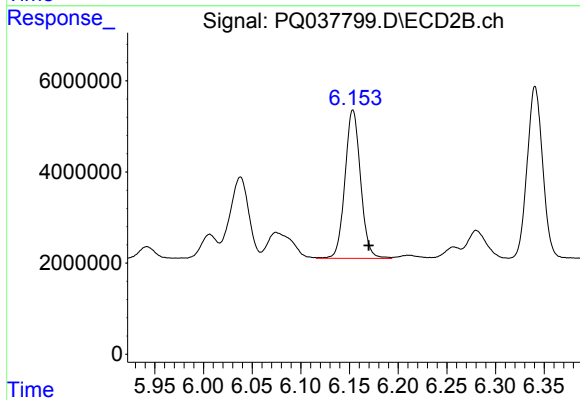
R.T.: 6.695 min
Delta R.T.: 0.015 min
Response: 29346303
Conc: 151.56 ng/ml



#31 AR-1260-1

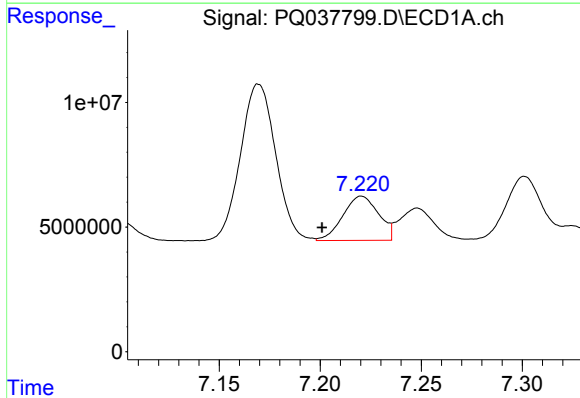
R.T.: 6.916 min
Delta R.T.: -0.032 min
Response: 59884885
Conc: 134.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



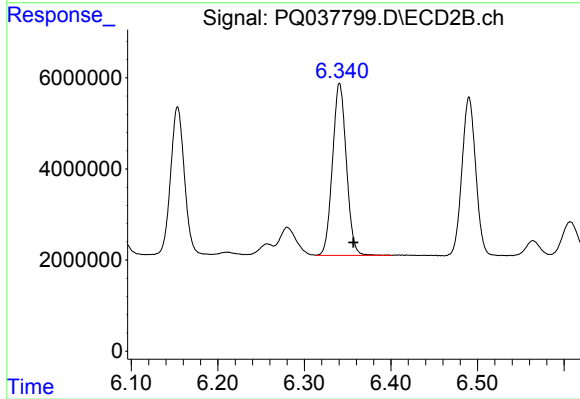
#31 AR-1260-1

R.T.: 6.154 min
Delta R.T.: -0.016 min
Response: 36411572
Conc: 143.62 ng/ml



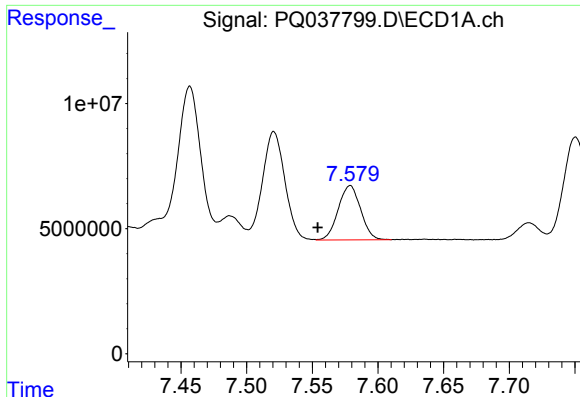
#32 AR-1260-2

R.T.: 7.221 min
Delta R.T.: 0.020 min
Response: 21788942
Conc: 37.68 ng/ml



#32 AR-1260-2

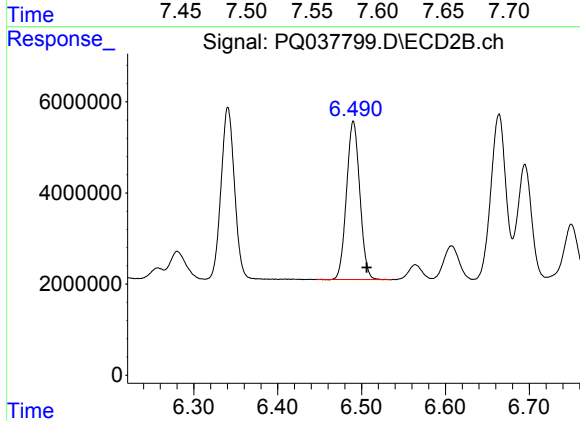
R.T.: 6.341 min
Delta R.T.: -0.016 min
Response: 42010465
Conc: 136.68 ng/ml



#33 AR-1260-3

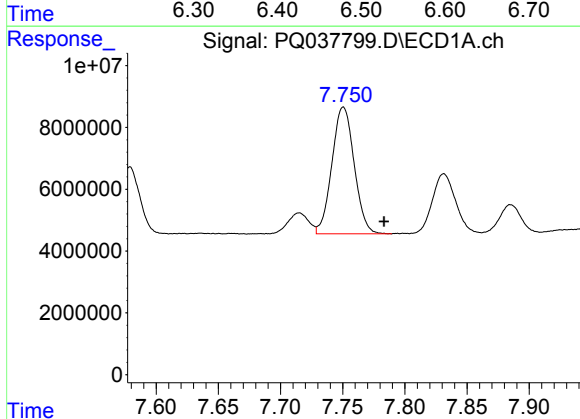
R.T.: 7.579 min
Delta R.T.: 0.025 min
Response: 25868765
Conc: 57.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



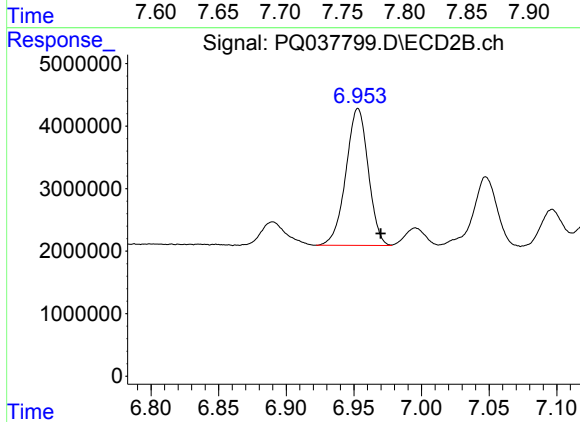
#33 AR-1260-3

R.T.: 6.490 min
Delta R.T.: -0.016 min
Response: 38258530
Conc: 134.72 ng/ml



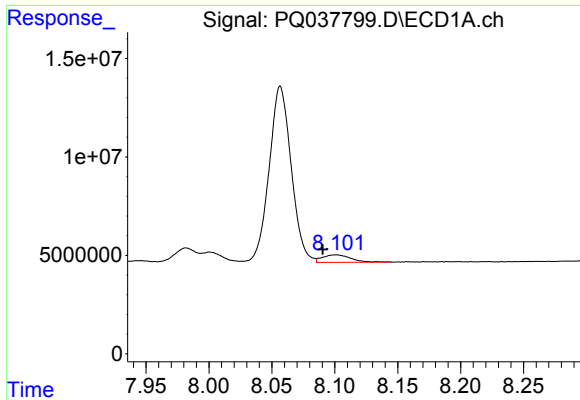
#34 AR-1260-4

R.T.: 7.751 min
Delta R.T.: -0.033 min
Response: 51199292
Conc: 116.90 ng/ml



#34 AR-1260-4

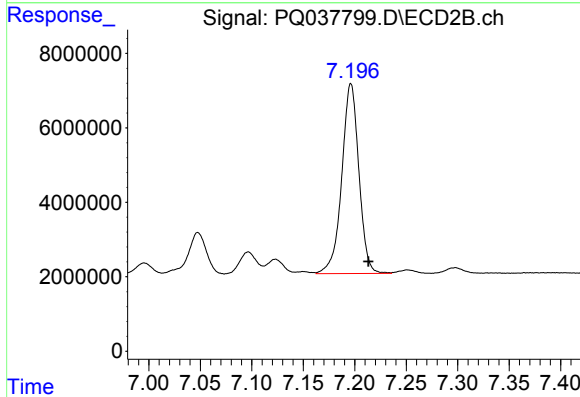
R.T.: 6.953 min
Delta R.T.: -0.017 min
Response: 25212940
Conc: 114.56 ng/ml



#35 AR-1260-5

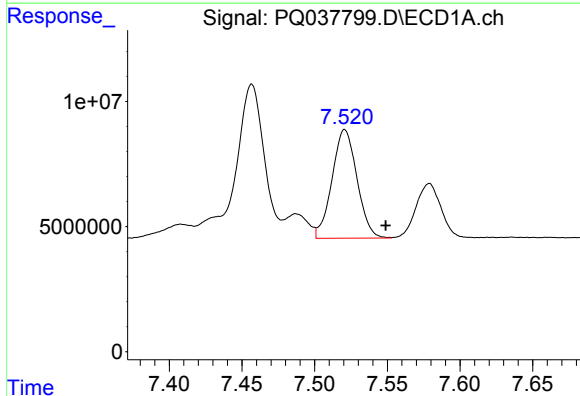
R.T.: 8.101 min
Delta R.T.: 0.011 min
Response: 6081560
Conc: 6.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



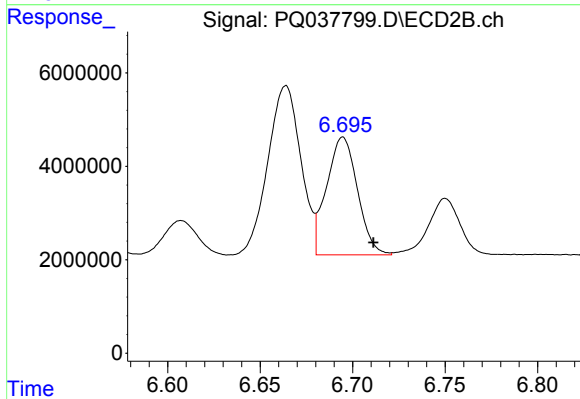
#35 AR-1260-5

R.T.: 7.196 min
Delta R.T.: -0.017 min
Response: 59051197
Conc: 111.84 ng/ml



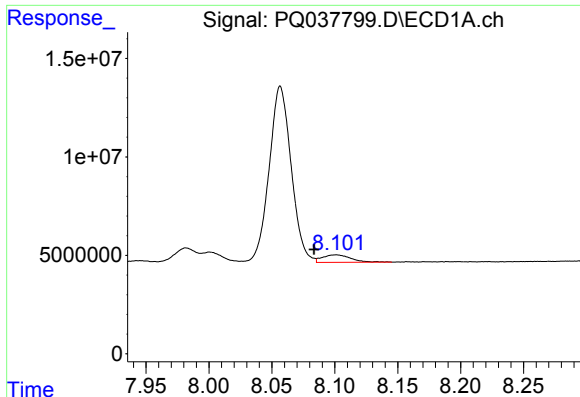
#36 AR-1262-1

R.T.: 7.521 min
Delta R.T.: -0.028 min
Response: 51957686
Conc: 130.08 ng/ml



#36 AR-1262-1

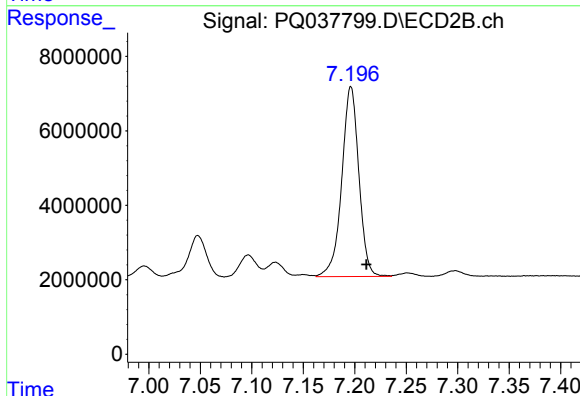
R.T.: 6.695 min
Delta R.T.: -0.016 min
Response: 29346303
Conc: 140.22 ng/ml



#37 AR-1262-2

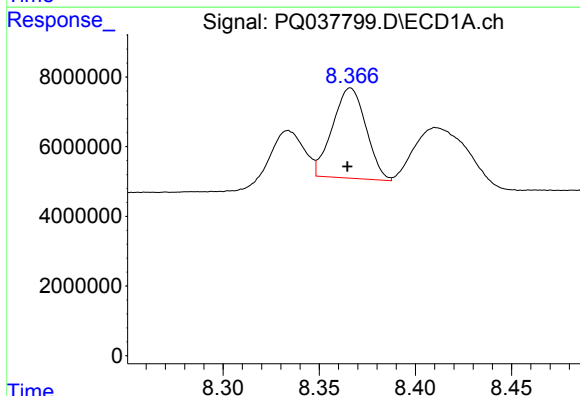
R.T.: 8.101 min
Delta R.T.: 0.018 min
Response: 6081560
Conc: 8.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



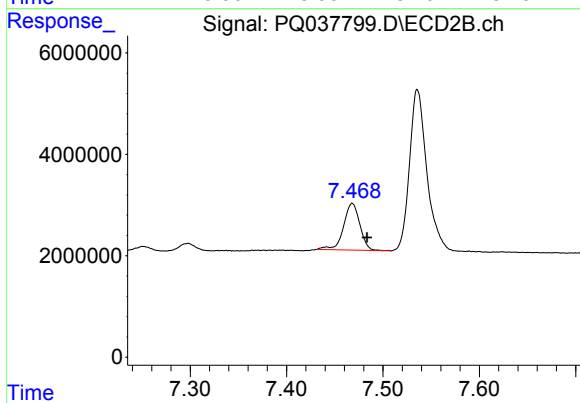
#37 AR-1262-2

R.T.: 7.196 min
Delta R.T.: -0.015 min
Response: 59051197
Conc: 159.40 ng/ml



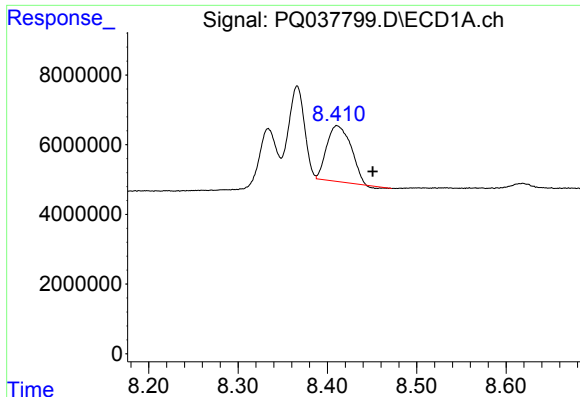
#38 AR-1262-3

R.T.: 8.366 min
Delta R.T.: 0.002 min
Response: 31346065
Conc: 104.69 ng/ml



#38 AR-1262-3

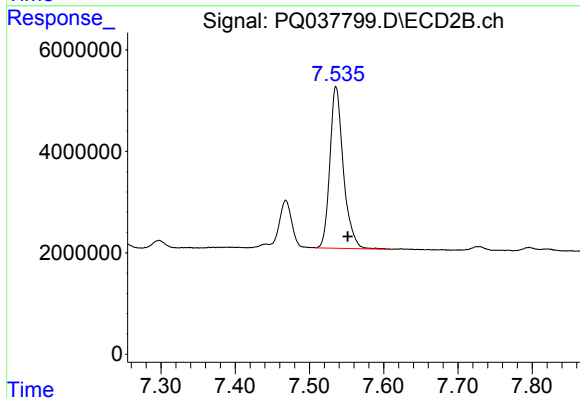
R.T.: 7.468 min
Delta R.T.: -0.015 min
Response: 10827225
Conc: 74.08 ng/ml



#39 AR-1262-4

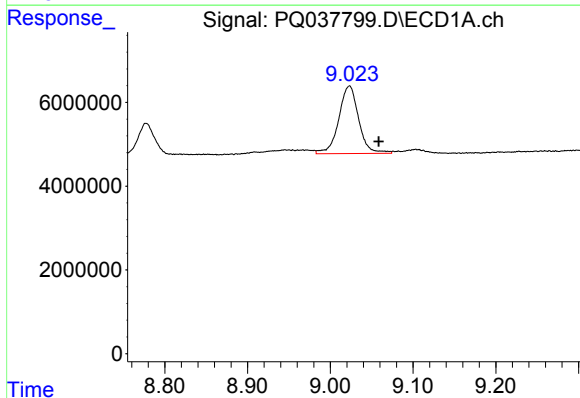
R.T.: 8.411 min
Delta R.T.: -0.040 min
Response: 29983720
Conc: 85.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



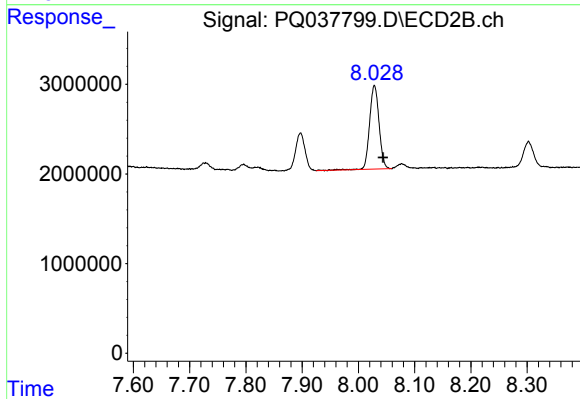
#39 AR-1262-4

R.T.: 7.536 min
Delta R.T.: -0.016 min
Response: 40239486
Conc: 150.89 ng/ml



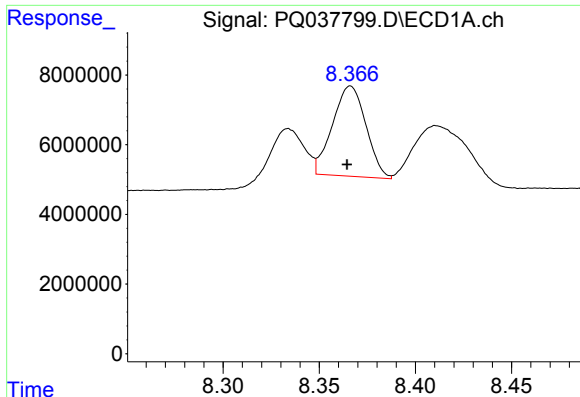
#40 AR-1262-5

R.T.: 9.023 min
Delta R.T.: -0.035 min
Response: 26990826
Conc: 113.17 ng/ml



#40 AR-1262-5

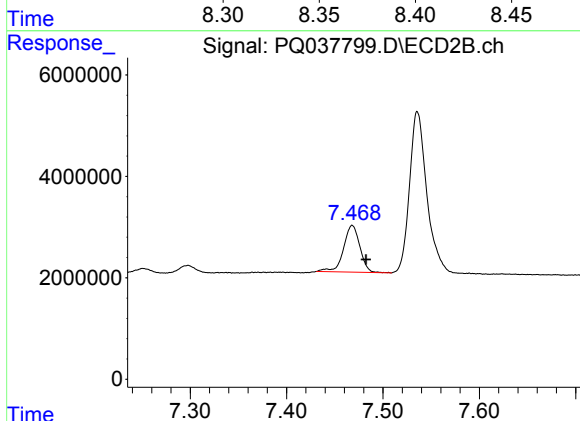
R.T.: 8.029 min
Delta R.T.: -0.016 min
Response: 10912598
Conc: 93.41 ng/ml



#41 AR-1268-1

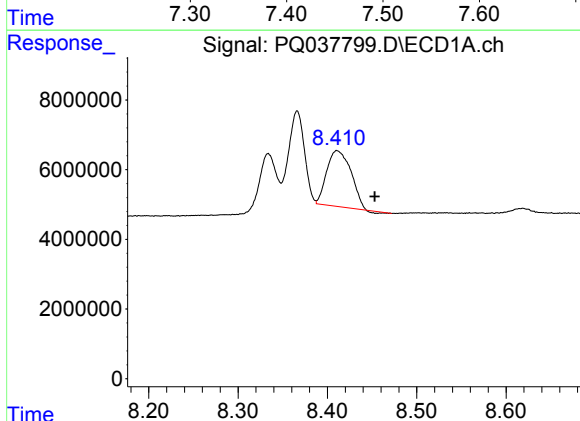
R.T.: 8.366 min
Delta R.T.: 0.002 min
Response: 31346065
Conc: 23.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



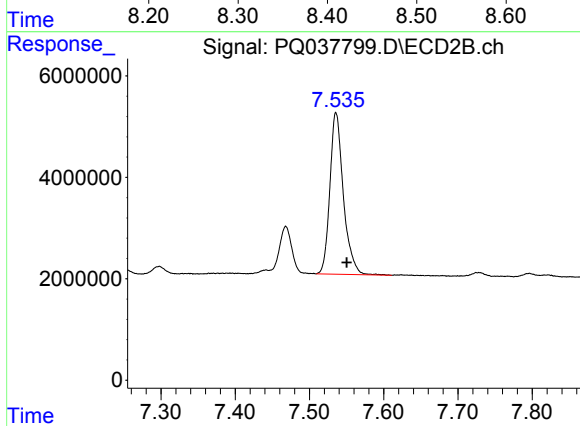
#41 AR-1268-1

R.T.: 7.468 min
Delta R.T.: -0.014 min
Response: 10827225
Conc: 16.53 ng/ml



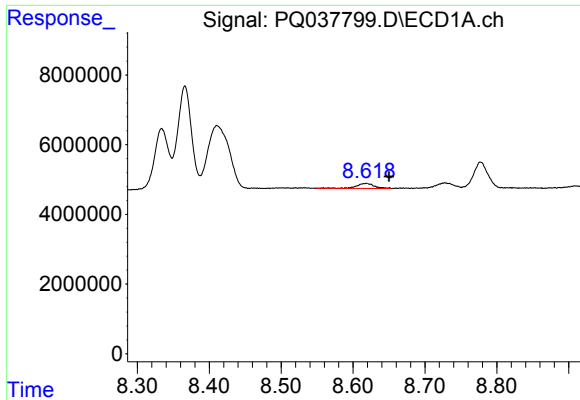
#42 AR-1268-2

R.T.: 8.411 min
Delta R.T.: -0.042 min
Response: 29983720
Conc: 24.34 ng/ml



#42 AR-1268-2

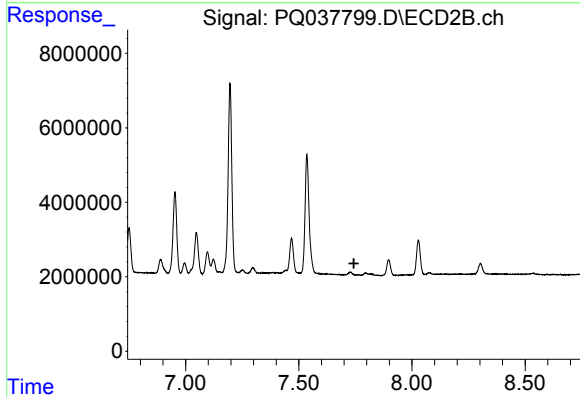
R.T.: 7.536 min
Delta R.T.: -0.015 min
Response: 40239486
Conc: 67.28 ng/ml



#43 AR-1268-3

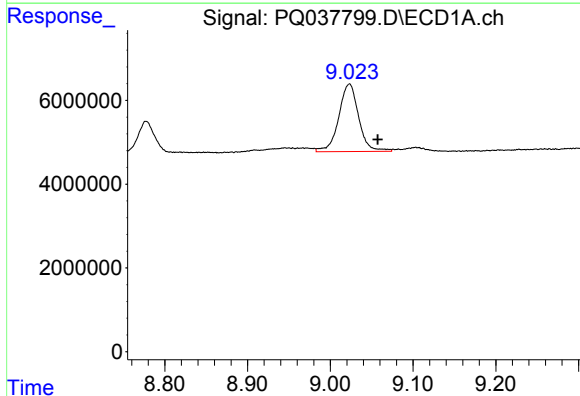
R.T.: 8.619 min
Delta R.T.: -0.031 min
Response: 2579710
Conc: 2.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



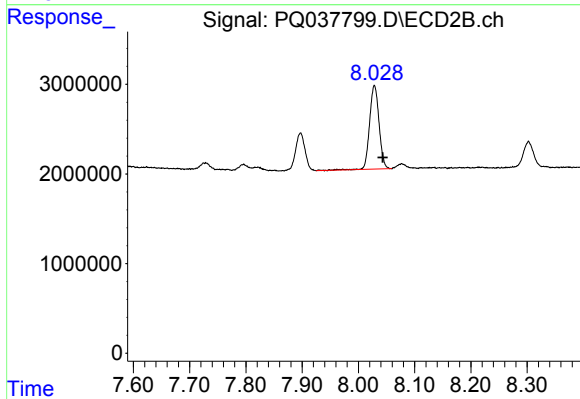
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.743 min
Response: 0
Conc: N.D.



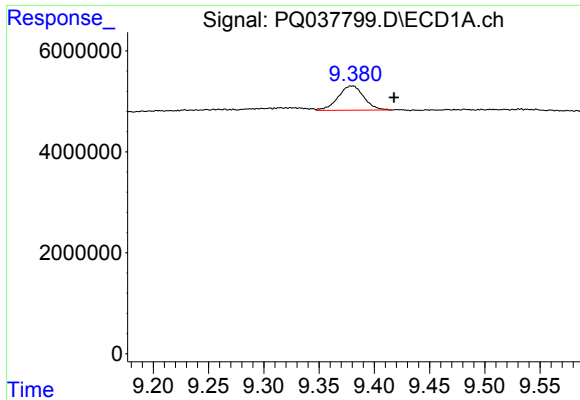
#44 AR-1268-4

R.T.: 9.023 min
Delta R.T.: -0.034 min
Response: 26990826
Conc: 67.67 ng/ml



#44 AR-1268-4

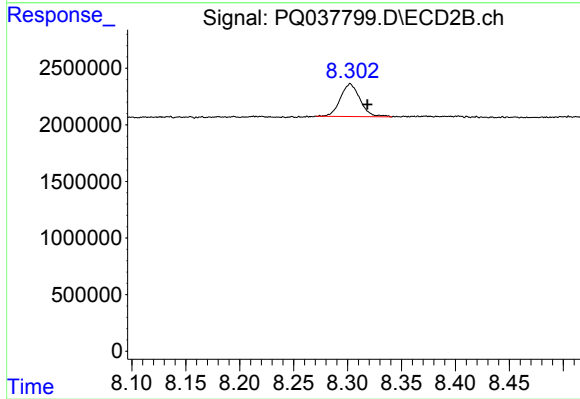
R.T.: 8.029 min
Delta R.T.: -0.015 min
Response: 10912598
Conc: 55.68 ng/ml



#45 AR-1268-5

R.T.: 9.380 min
Delta R.T.: -0.038 min
Response: 7821770
Conc: 2.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PCB-GPC-BLANK-SPIKE



#45 AR-1268-5

R.T.: 8.302 min
Delta R.T.: -0.016 min
Response: 3666779
Conc: 2.38 ng/ml