

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042623\
 Data File : PQ061084.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2023 09:16
 Operator : YP\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 18:16:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ041223CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Apr 15 02:06:41 2023
 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...	3.406	2.761	157.4E6	74059854	17.962	19.063
2)	SA Decachlor...	8.585	7.537	202.0E6	156.0E6	33.695	35.448
Target Compounds							
3)	L1 AR-1016-1	4.506	3.764	85808790	44492709	291.032	316.330
4)	L1 AR-1016-2	4.526	3.780	124.4E6	63169642	287.155	308.990
5)	L1 AR-1016-3	4.583	3.940	78150194	33640244	286.196	311.753
6)	L1 AR-1016-4	4.675	3.989	65125110	28099545	288.264	311.752
7)	L1 AR-1016-5	4.962	4.184	66334770	36278621	301.342	321.274
8)	L2 AR-1221-1	3.604	2.963	10074470	4610294	93.108	85.903
9)	L2 AR-1221-2	3.685	3.040	12866182	5874550	182.677	166.266
10)	L2 AR-1221-3	3.755	3.108	49062989	25015459	209.737	224.181
11)	L3 AR-1232-1	3.755	3.108	49062989	25015459	244.296	264.342
12)	L3 AR-1232-2	4.248	3.780	64857636	63169642	610.068	670.491
13)	L3 AR-1232-3	4.526	3.940	124.4E6	33640244	617.079	699.330
14)	L3 AR-1232-4	4.675	4.026	65125110	32126613	634.735	770.556
15)	L3 AR-1232-5	4.772	4.184	48943957	36278621	674.677	753.999
16)	L4 AR-1242-1	4.506	3.764	85808790	44492709	351.324	377.191
17)	L4 AR-1242-2	4.526	3.780	124.4E6	63169642	348.377	371.943
18)	L4 AR-1242-3	4.583	3.940	78150194	33640244	350.488	371.783
19)	L4 AR-1242-4	4.675	4.026	65125110	32126613	350.879	381.207
20)	L4 AR-1242-5	5.390	4.521	63859307	42710642	318.098	379.554
21)	L5 AR-1248-1	4.506	3.764	85808790	44492709	443.005	473.337
22)	L5 AR-1248-2	4.772	3.989	48943957	28099545	192.118	208.472
23)	L5 AR-1248-3	4.962	4.026	66334770	32126613	216.353	248.672
24)	L5 AR-1248-4	5.355	4.184	67137612	36278621	191.018	229.037
25)	L5 AR-1248-5	5.390	4.558	63859307	36290915	185.456	223.078
26)	L6 AR-1254-1	5.327	4.521	52692868	42710642	155.759	180.523
27)	L6 AR-1254-2	5.542	4.667	58256604	10603606	114.369	51.252 #
28)	L6 AR-1254-3	5.899	5.049	25700130	13931417	46.709	44.054
29)	L6 AR-1254-4	6.184	5.275	23134320	10179733	56.255	48.040
30)	L6 AR-1254-5	6.597	5.681	5413803	3265168	11.989	10.721
31)	L7 AR-1260-1	6.065	5.182	2876133	5937665	6.926	26.040 #
32)	L7 AR-1260-2	6.323	5.368	3657653	1131392	7.314	4.034 #
33)	L7 AR-1260-3	6.675	5.505	491220	2053874	1.324	7.737 #
34)	L7 AR-1260-4	6.871	0.000	2661752	0	6.384	N.D. #
35)	L7 AR-1260-5	7.206	0.000	707792	0	0.881	N.D. #
36)	L8 AR-1262-1	6.675	5.681f	491220	3265168	0.926	10.334 #
37)	L8 AR-1262-2	7.206	0.000	707792	0	0.787	N.D. #
38)	L8 AR-1262-3	7.487	0.000	314115	0	0.520	N.D. #
39)	L8 AR-1262-4	7.573	0.000	484808	0	1.033	N.D. #
41)	L9 AR-1268-1	7.487	0.000	314115	0	0.391	N.D. #
42)	L9 AR-1268-2	7.573	0.000	484808	0	0.661	N.D. #

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 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
45) L9	AR-1268-5	8.351	0.000	1815457	0	1.044	N.D. #

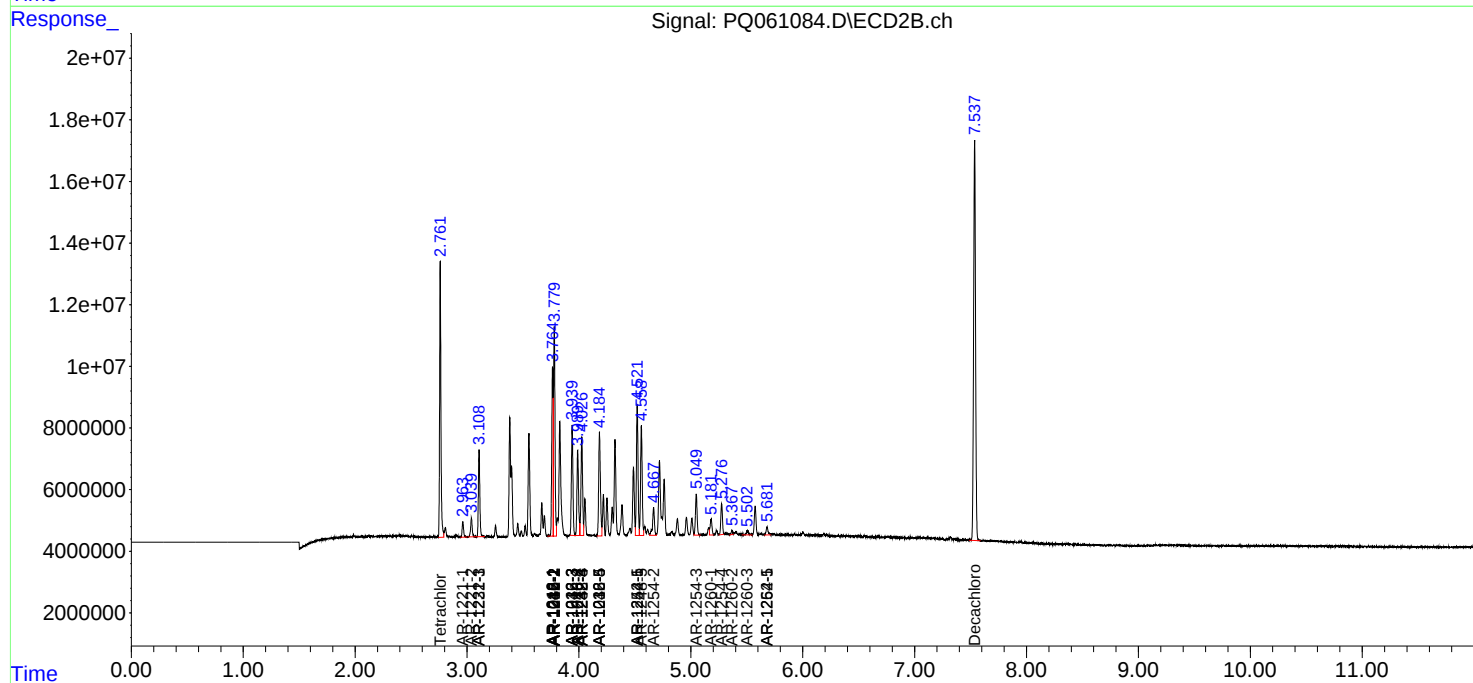
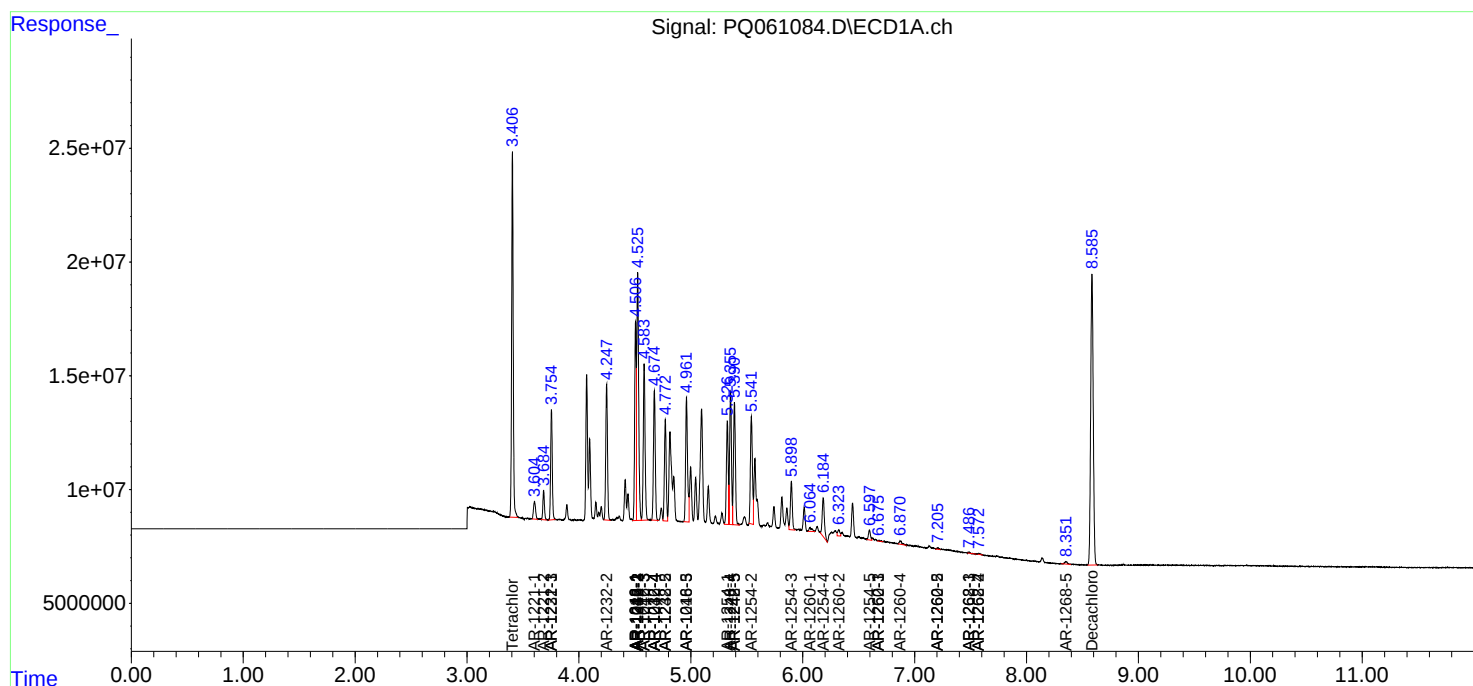
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

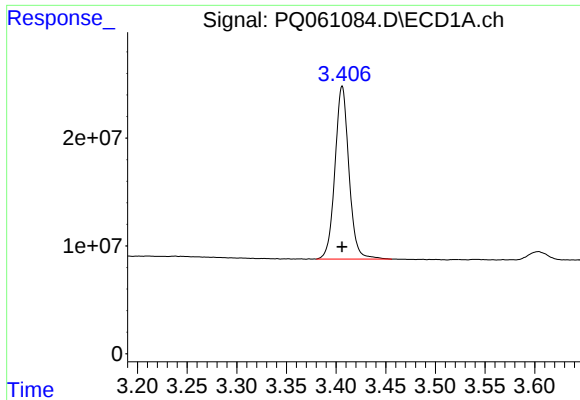
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042623\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

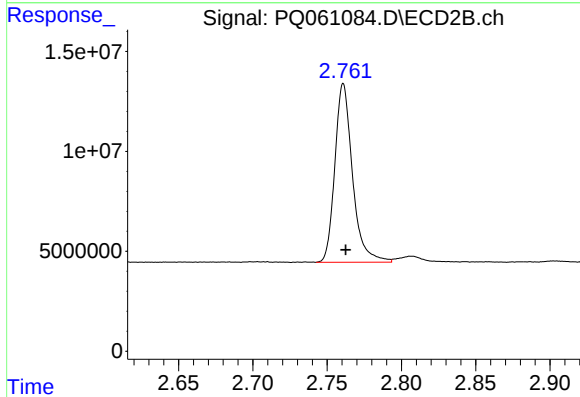




#1 Tetrachloro-m-xylene

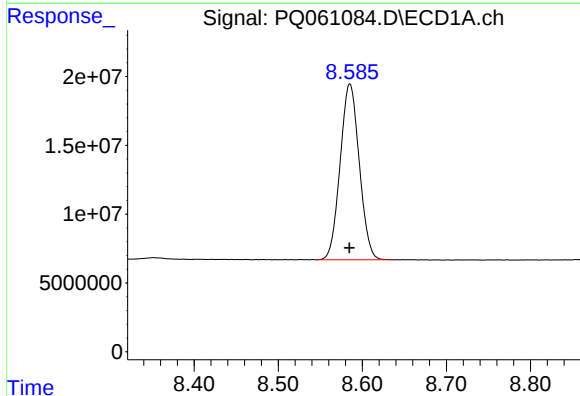
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 157398653
Conc: 17.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



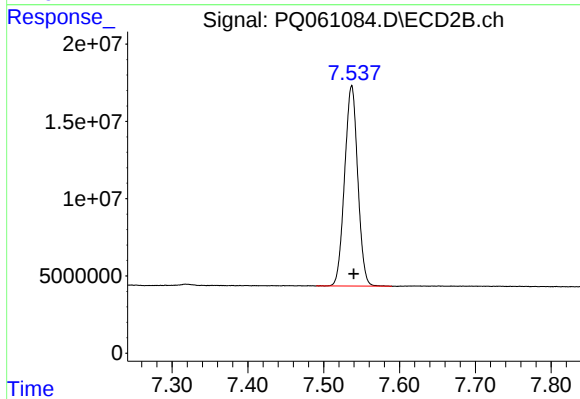
#1 Tetrachloro-m-xylene

R.T.: 2.761 min
Delta R.T.: -0.002 min
Response: 74059854
Conc: 19.06 ng/ml



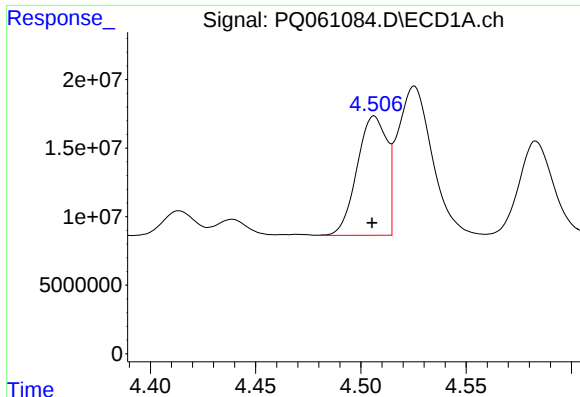
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 201986266
Conc: 33.69 ng/ml



#2 Decachlorobiphenyl

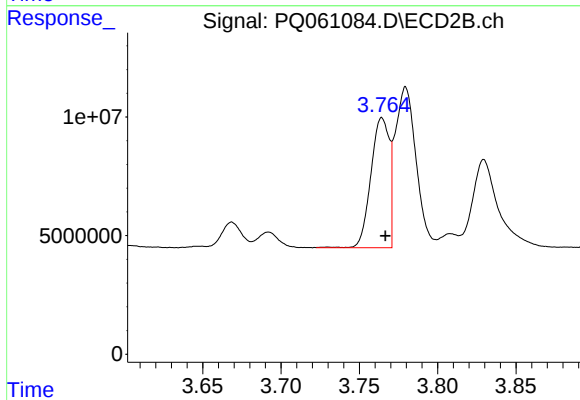
R.T.: 7.537 min
Delta R.T.: -0.003 min
Response: 155986081
Conc: 35.45 ng/ml



#3 AR-1016-1

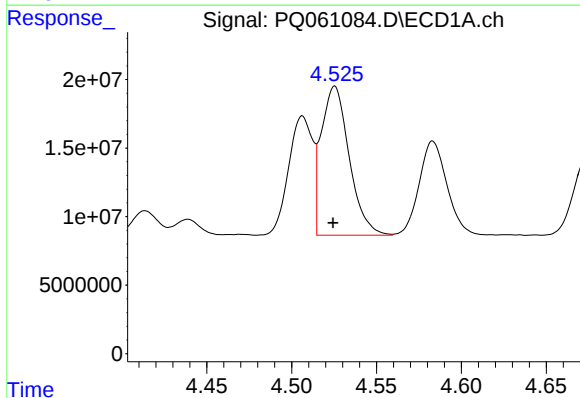
R.T.: 4.506 min
Delta R.T.: 0.001 min
Response: 85808790
Conc: 291.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



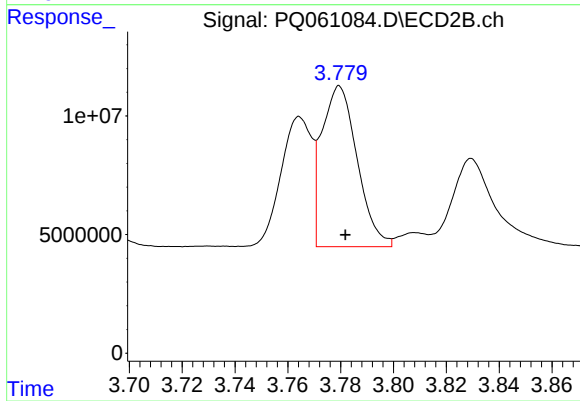
#3 AR-1016-1

R.T.: 3.764 min
Delta R.T.: -0.002 min
Response: 44492709
Conc: 316.33 ng/ml



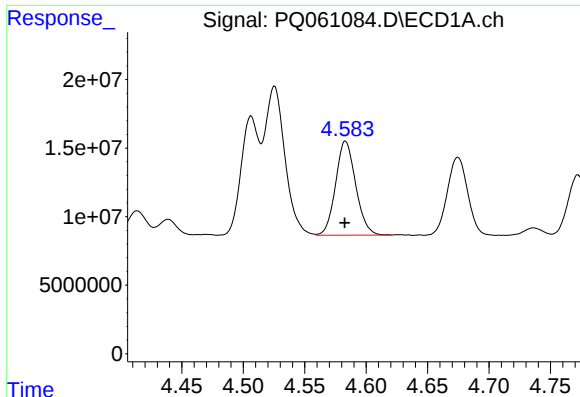
#4 AR-1016-2

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 124423007
Conc: 287.15 ng/ml



#4 AR-1016-2

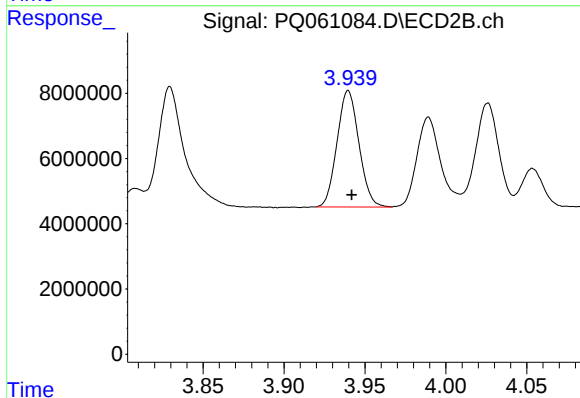
R.T.: 3.780 min
Delta R.T.: -0.002 min
Response: 63169642
Conc: 308.99 ng/ml



#5 AR-1016-3

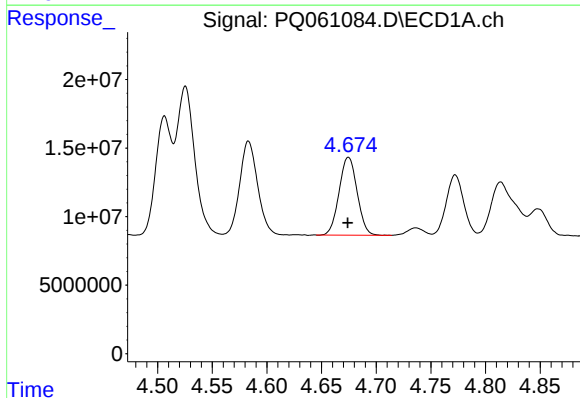
R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 78150194
Conc: 286.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



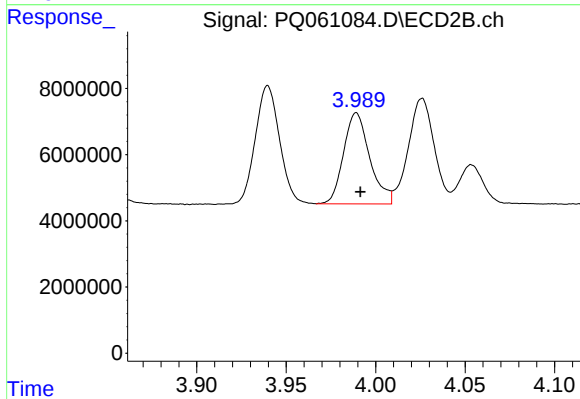
#5 AR-1016-3

R.T.: 3.940 min
Delta R.T.: -0.002 min
Response: 33640244
Conc: 311.75 ng/ml



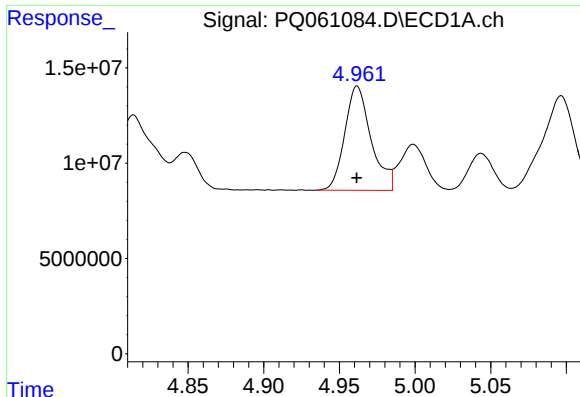
#6 AR-1016-4

R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 65125110
Conc: 288.26 ng/ml



#6 AR-1016-4

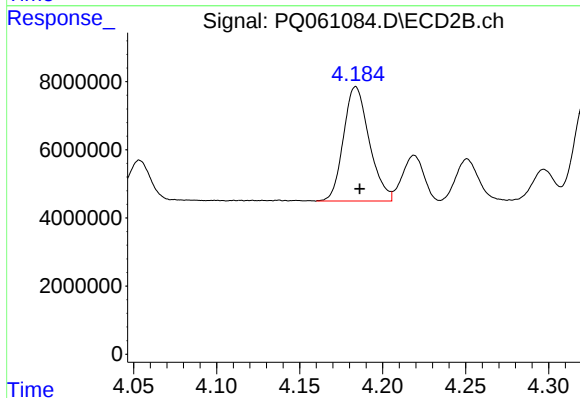
R.T.: 3.989 min
Delta R.T.: -0.002 min
Response: 28099545
Conc: 311.75 ng/ml



#7 AR-1016-5

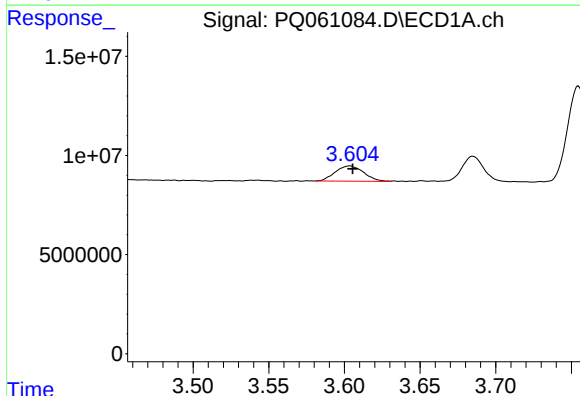
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 66334770
Conc: 301.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



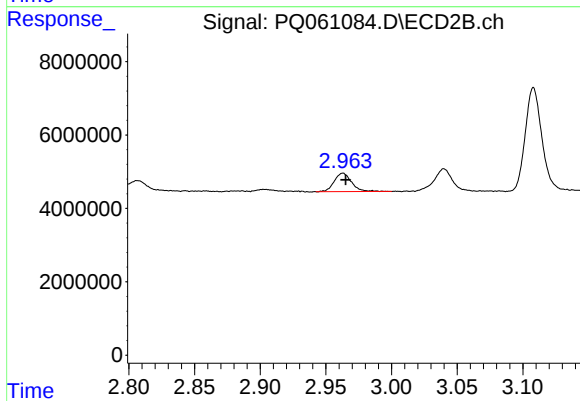
#7 AR-1016-5

R.T.: 4.184 min
Delta R.T.: -0.002 min
Response: 36278621
Conc: 321.27 ng/ml



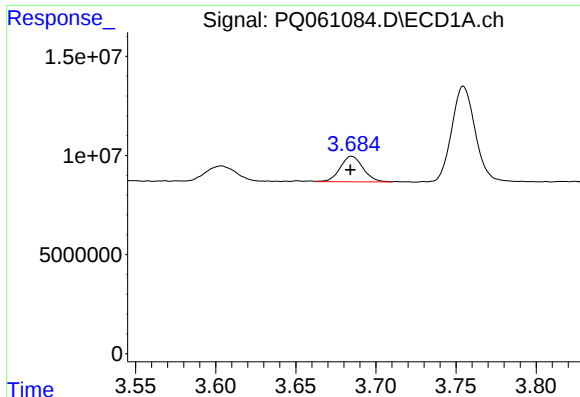
#8 AR-1221-1

R.T.: 3.604 min
Delta R.T.: -0.002 min
Response: 10074470
Conc: 93.11 ng/ml



#8 AR-1221-1

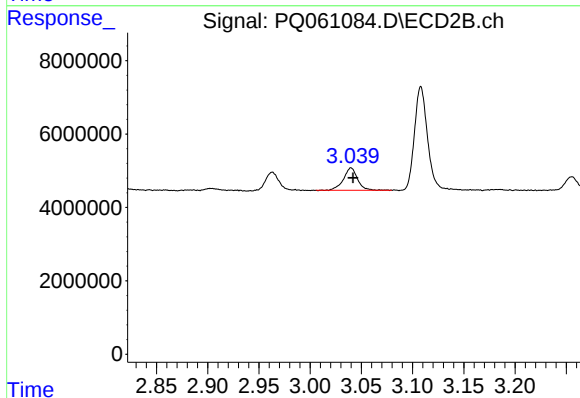
R.T.: 2.963 min
Delta R.T.: -0.002 min
Response: 4610294
Conc: 85.90 ng/ml



#9 AR-1221-2

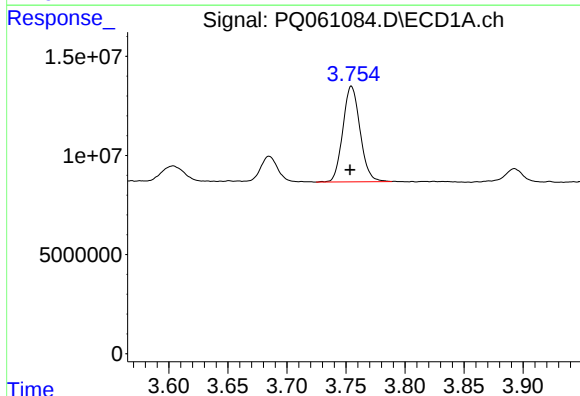
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 12866182
Conc: 182.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



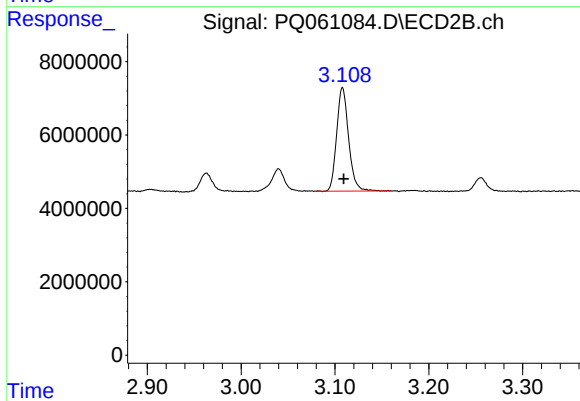
#9 AR-1221-2

R.T.: 3.040 min
Delta R.T.: -0.002 min
Response: 5874550
Conc: 166.27 ng/ml



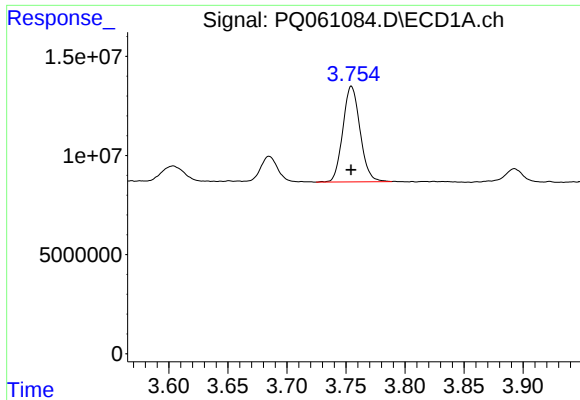
#10 AR-1221-3

R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 49062989
Conc: 209.74 ng/ml



#10 AR-1221-3

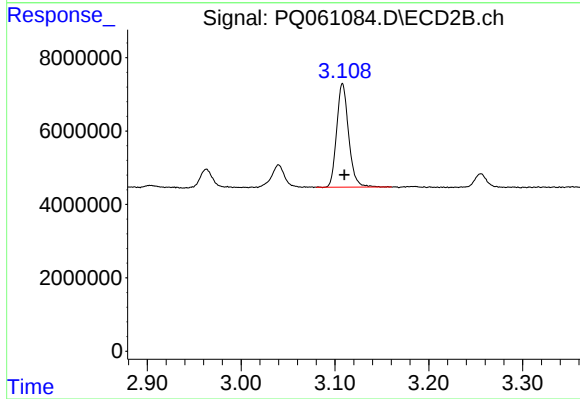
R.T.: 3.108 min
Delta R.T.: -0.001 min
Response: 25015459
Conc: 224.18 ng/ml



#11 AR-1232-1

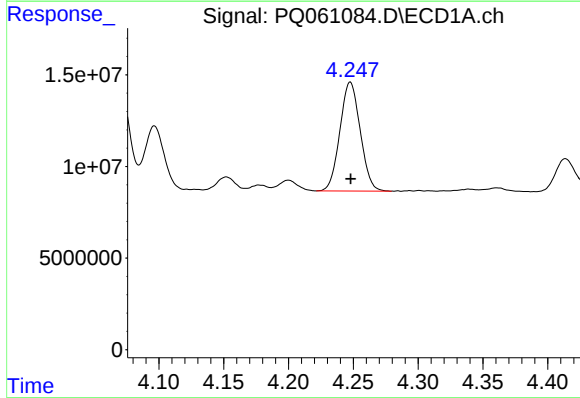
R.T.: 3.755 min
Delta R.T.: 0.000 min
Response: 49062989
Conc: 244.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



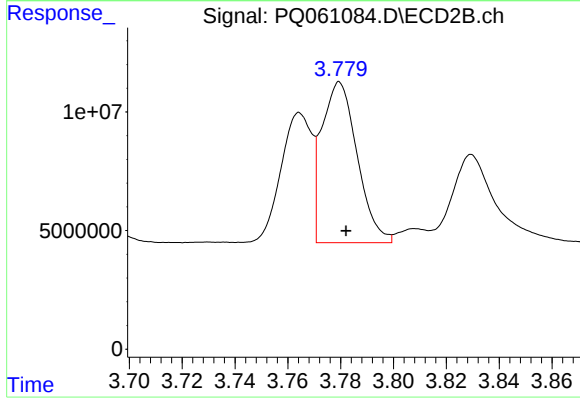
#11 AR-1232-1

R.T.: 3.108 min
Delta R.T.: -0.002 min
Response: 25015459
Conc: 264.34 ng/ml



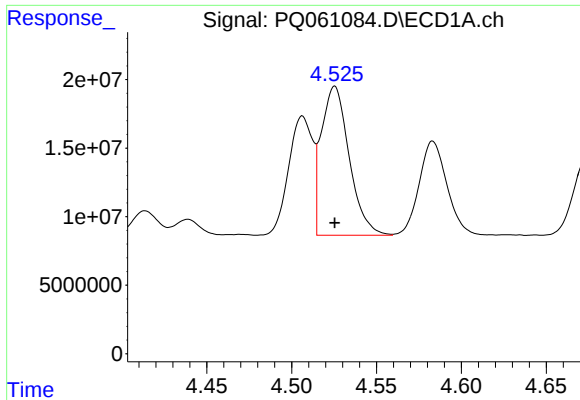
#12 AR-1232-2

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 64857636
Conc: 610.07 ng/ml



#12 AR-1232-2

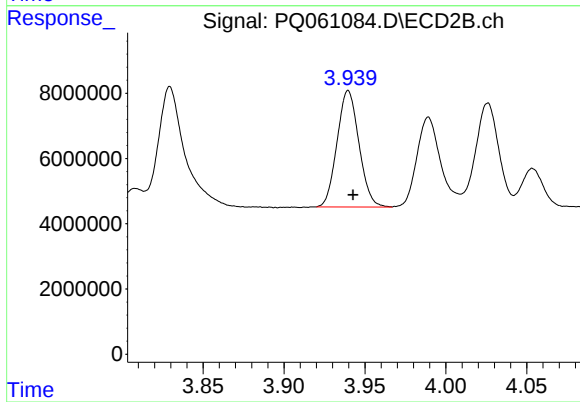
R.T.: 3.780 min
Delta R.T.: -0.003 min
Response: 63169642
Conc: 670.49 ng/ml



#13 AR-1232-3

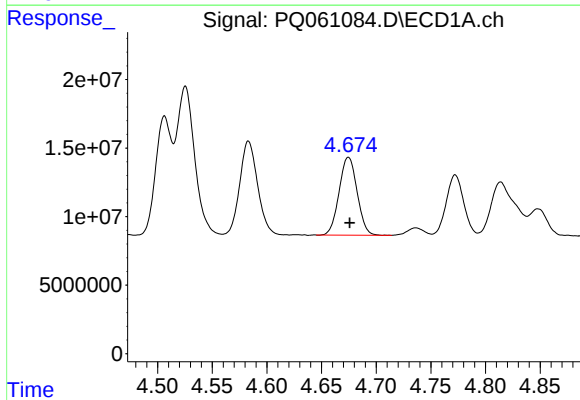
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 124423007
Conc: 617.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



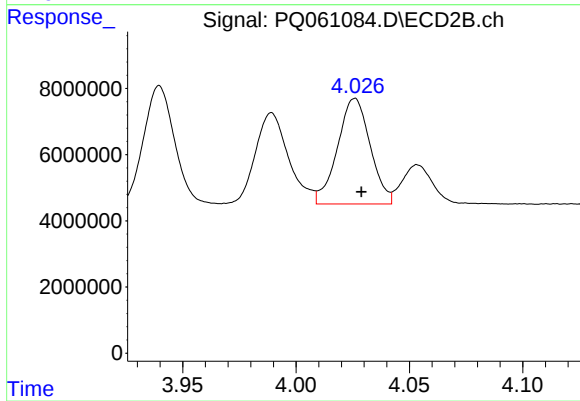
#13 AR-1232-3

R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 33640244
Conc: 699.33 ng/ml



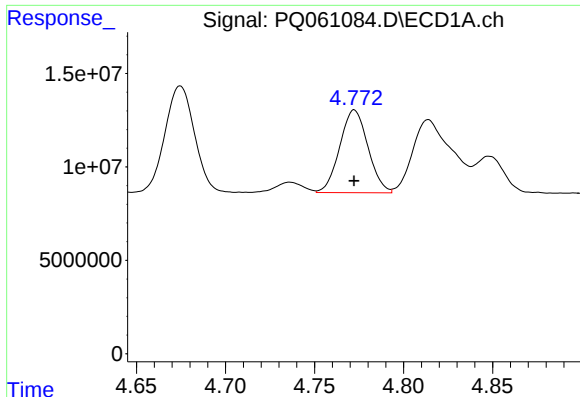
#14 AR-1232-4

R.T.: 4.675 min
Delta R.T.: -0.001 min
Response: 65125110
Conc: 634.74 ng/ml



#14 AR-1232-4

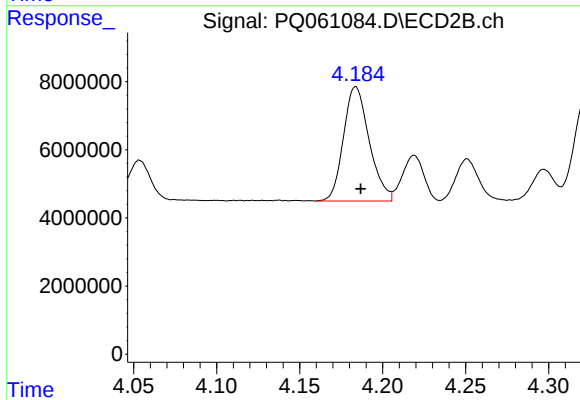
R.T.: 4.026 min
Delta R.T.: -0.003 min
Response: 32126613
Conc: 770.56 ng/ml



#15 AR-1232-5

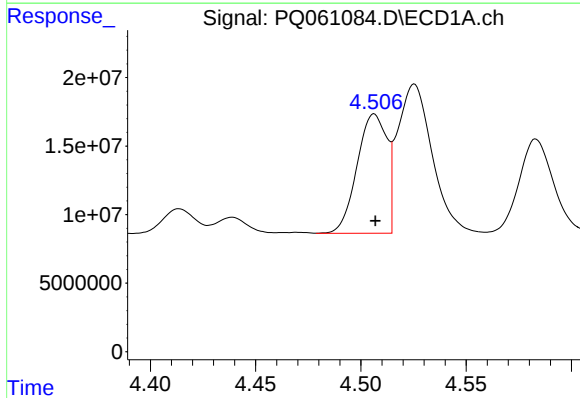
R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 48943957
Conc: 674.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



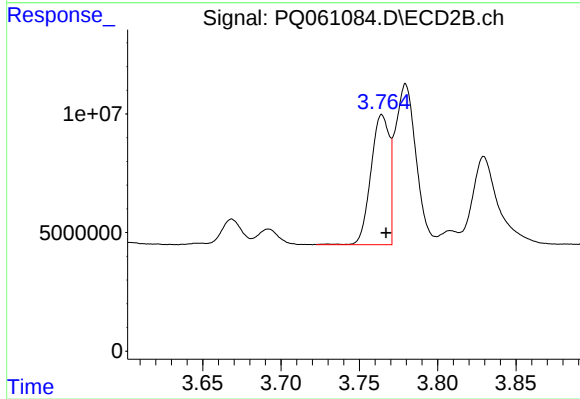
#15 AR-1232-5

R.T.: 4.184 min
Delta R.T.: -0.003 min
Response: 36278621
Conc: 754.00 ng/ml



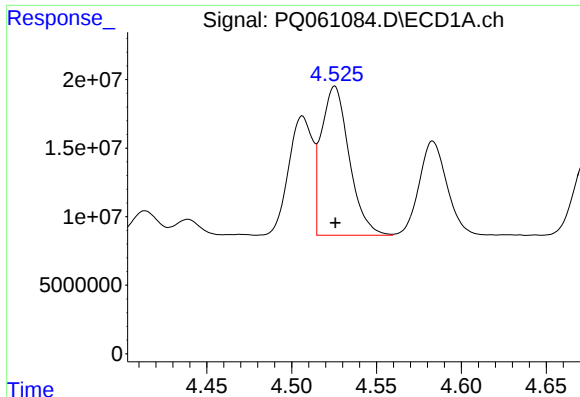
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 85808790
Conc: 351.32 ng/ml



#16 AR-1242-1

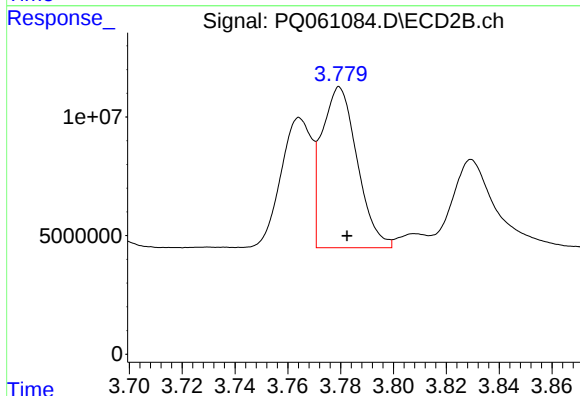
R.T.: 3.764 min
Delta R.T.: -0.003 min
Response: 44492709
Conc: 377.19 ng/ml



#17 AR-1242-2

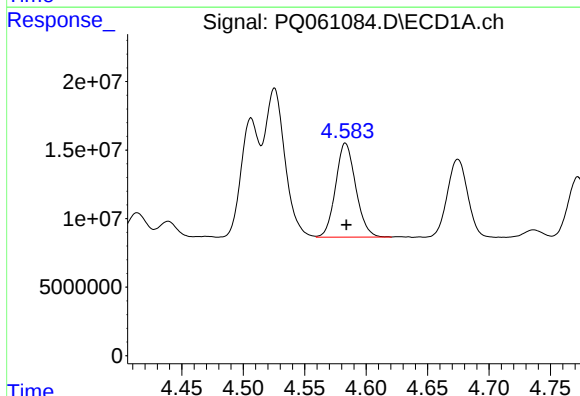
R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 124423007
Conc: 348.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



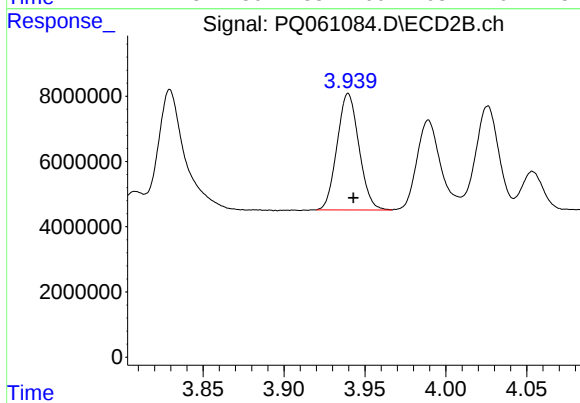
#17 AR-1242-2

R.T.: 3.780 min
Delta R.T.: -0.003 min
Response: 63169642
Conc: 371.94 ng/ml



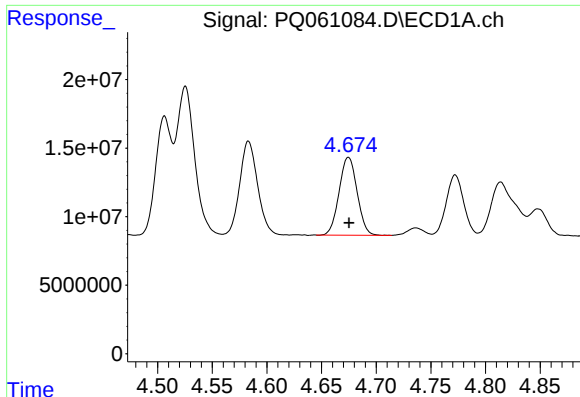
#18 AR-1242-3

R.T.: 4.583 min
Delta R.T.: 0.000 min
Response: 78150194
Conc: 350.49 ng/ml



#18 AR-1242-3

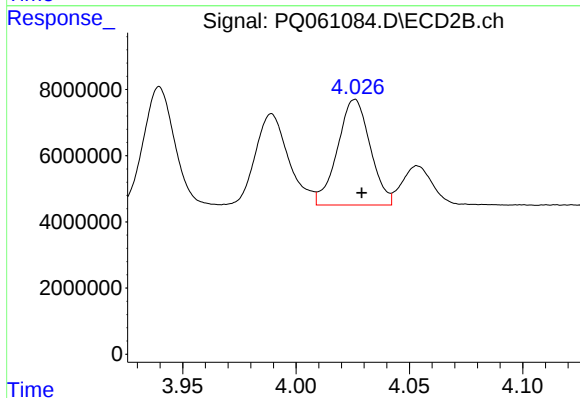
R.T.: 3.940 min
Delta R.T.: -0.003 min
Response: 33640244
Conc: 371.78 ng/ml



#19 AR-1242-4

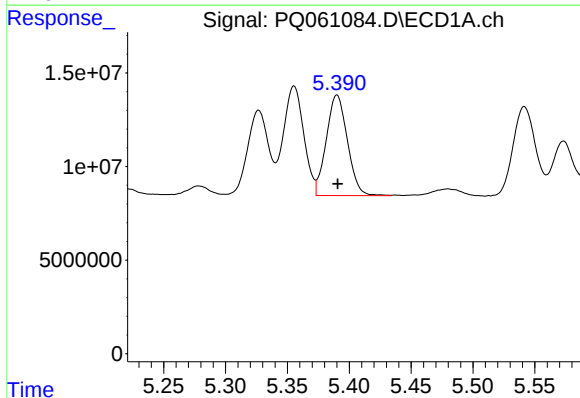
R.T.: 4.675 min
Delta R.T.: 0.000 min
Response: 65125110
Conc: 350.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



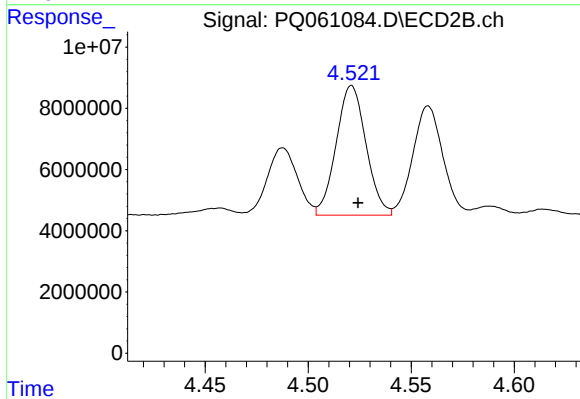
#19 AR-1242-4

R.T.: 4.026 min
Delta R.T.: -0.003 min
Response: 32126613
Conc: 381.21 ng/ml



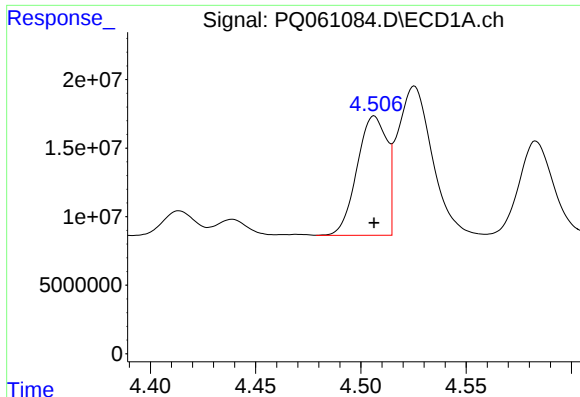
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 63859307
Conc: 318.10 ng/ml



#20 AR-1242-5

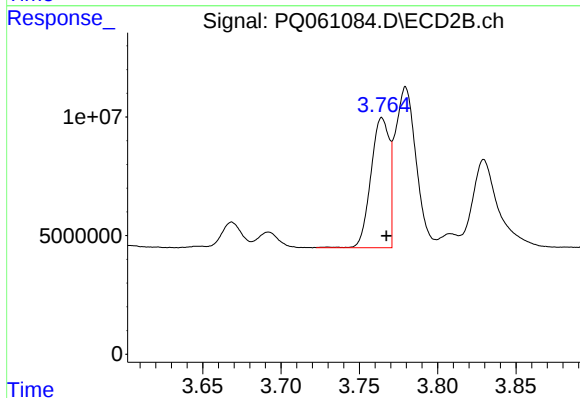
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 42710642
Conc: 379.55 ng/ml



#21 AR-1248-1

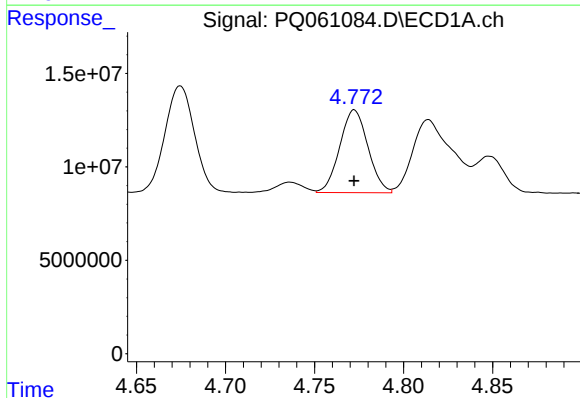
R.T.: 4.506 min
Delta R.T.: 0.000 min
Response: 85808790
Conc: 443.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



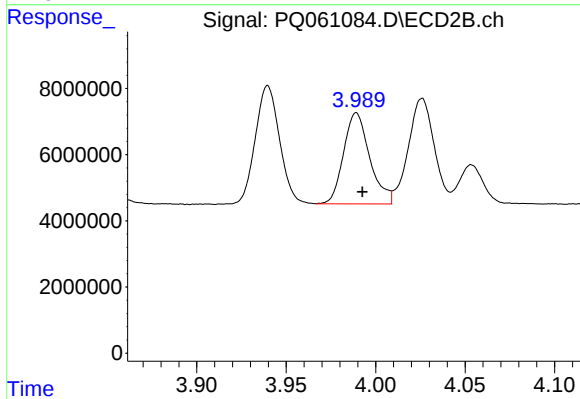
#21 AR-1248-1

R.T.: 3.764 min
Delta R.T.: -0.003 min
Response: 44492709
Conc: 473.34 ng/ml



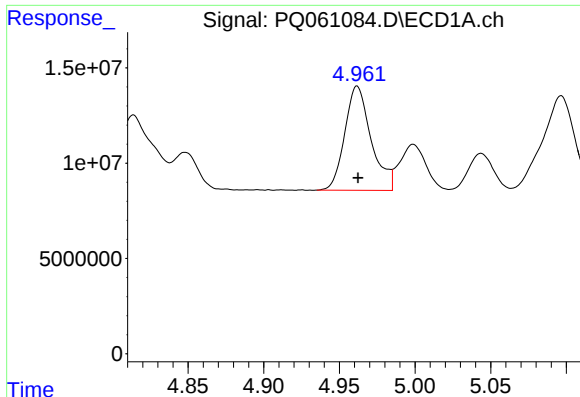
#22 AR-1248-2

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 48943957
Conc: 192.12 ng/ml



#22 AR-1248-2

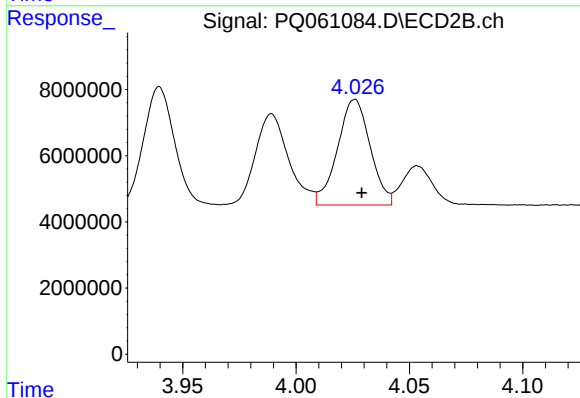
R.T.: 3.989 min
Delta R.T.: -0.003 min
Response: 28099545
Conc: 208.47 ng/ml



#23 AR-1248-3

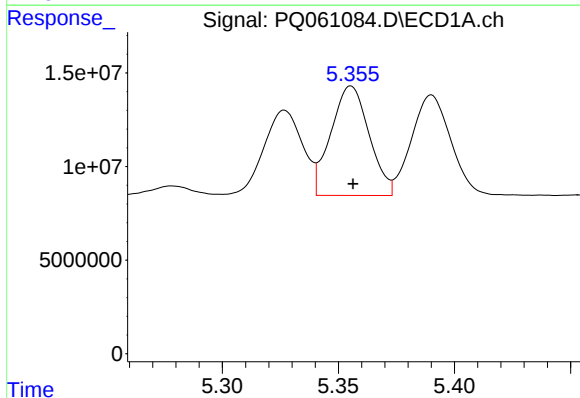
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 66334770
Conc: 216.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



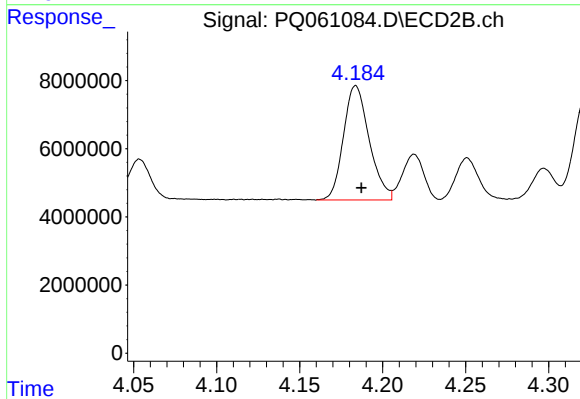
#23 AR-1248-3

R.T.: 4.026 min
Delta R.T.: -0.003 min
Response: 32126613
Conc: 248.67 ng/ml



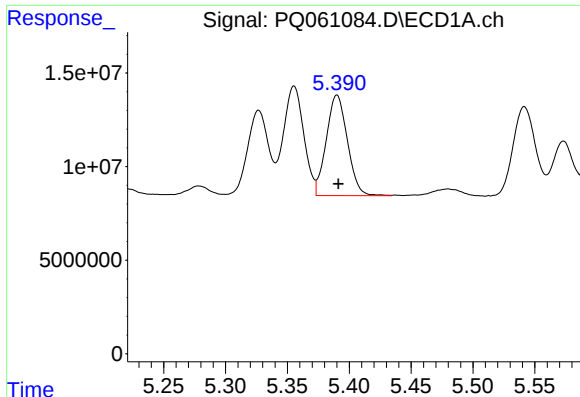
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 67137612
Conc: 191.02 ng/ml



#24 AR-1248-4

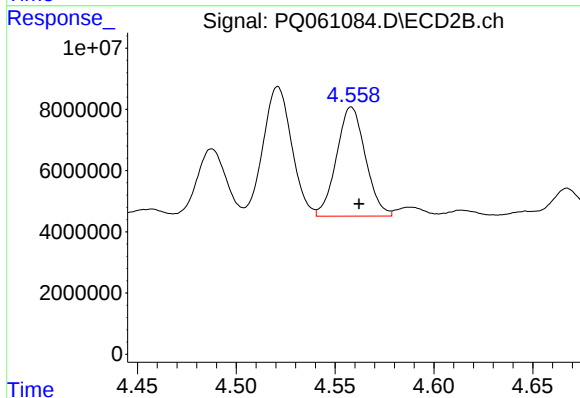
R.T.: 4.184 min
Delta R.T.: -0.003 min
Response: 36278621
Conc: 229.04 ng/ml



#25 AR-1248-5

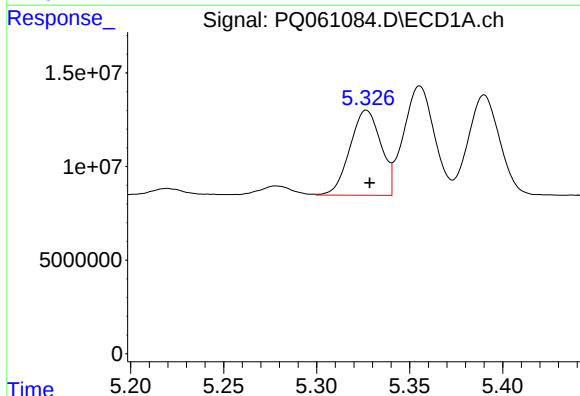
R.T.: 5.390 min
Delta R.T.: -0.001 min
Response: 63859307
Conc: 185.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



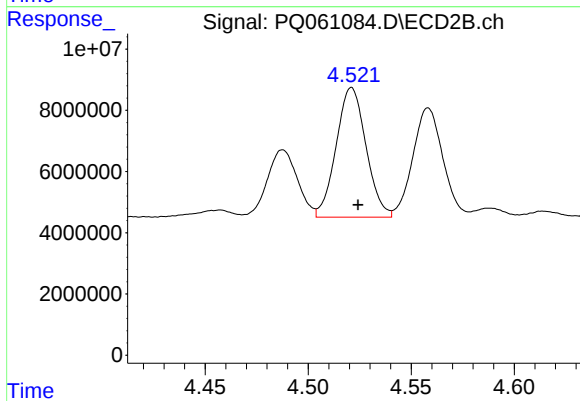
#25 AR-1248-5

R.T.: 4.558 min
Delta R.T.: -0.004 min
Response: 36290915
Conc: 223.08 ng/ml



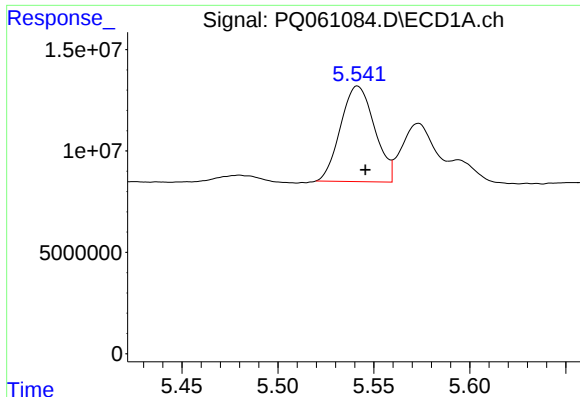
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 52692868
Conc: 155.76 ng/ml



#26 AR-1254-1

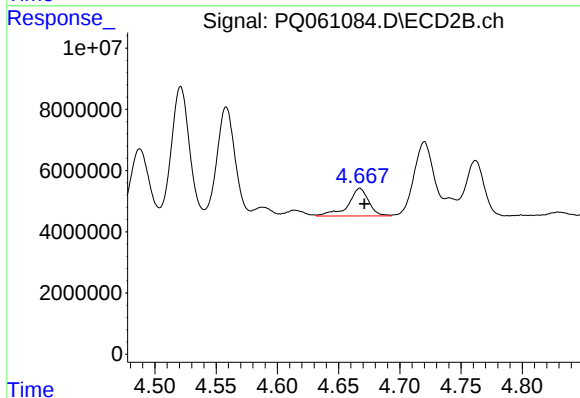
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 42710642
Conc: 180.52 ng/ml



#27 AR-1254-2

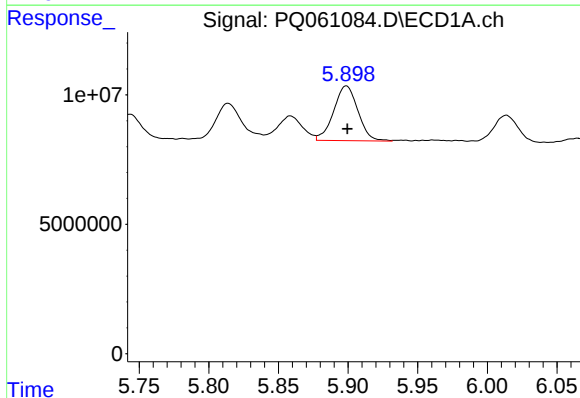
R.T.: 5.542 min
Delta R.T.: -0.004 min
Response: 58256604
Conc: 114.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



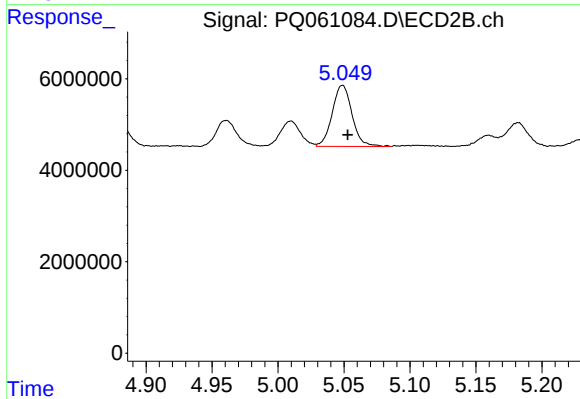
#27 AR-1254-2

R.T.: 4.667 min
Delta R.T.: -0.004 min
Response: 10603606
Conc: 51.25 ng/ml



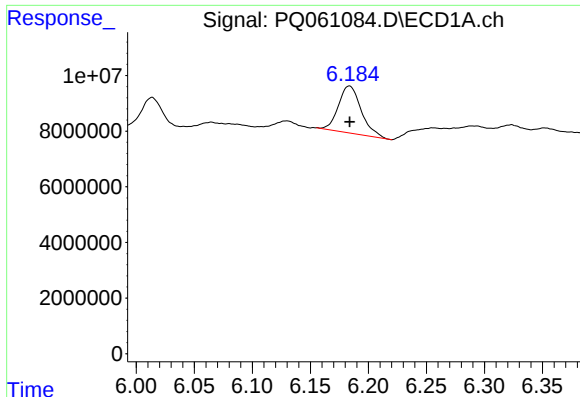
#28 AR-1254-3

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 25700130
Conc: 46.71 ng/ml



#28 AR-1254-3

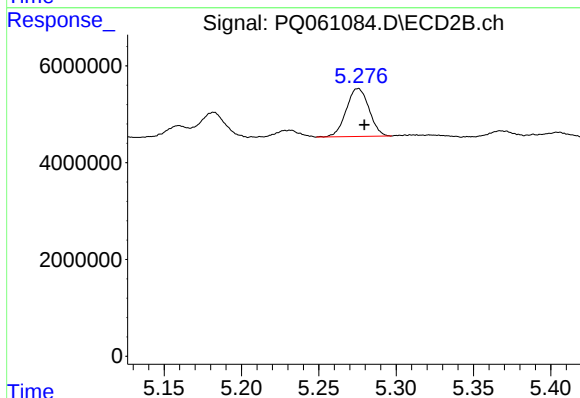
R.T.: 5.049 min
Delta R.T.: -0.004 min
Response: 13931417
Conc: 44.05 ng/ml



#29 AR-1254-4

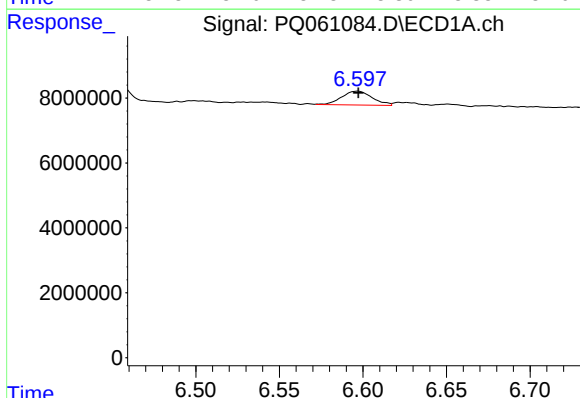
R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 23134320
Conc: 56.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



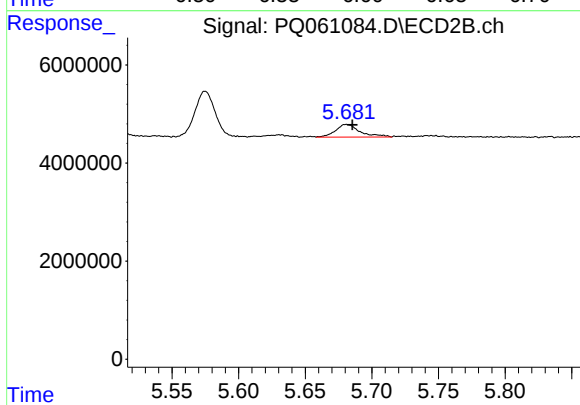
#29 AR-1254-4

R.T.: 5.275 min
Delta R.T.: -0.004 min
Response: 10179733
Conc: 48.04 ng/ml



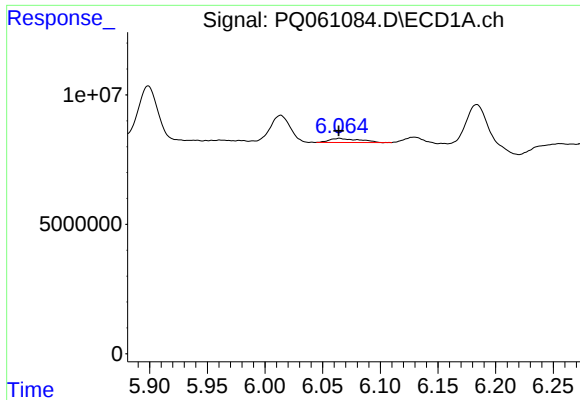
#30 AR-1254-5

R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 5413803
Conc: 11.99 ng/ml



#30 AR-1254-5

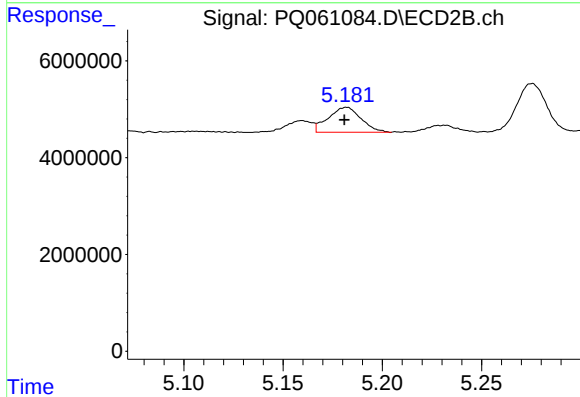
R.T.: 5.681 min
Delta R.T.: -0.004 min
Response: 3265168
Conc: 10.72 ng/ml



#31 AR-1260-1

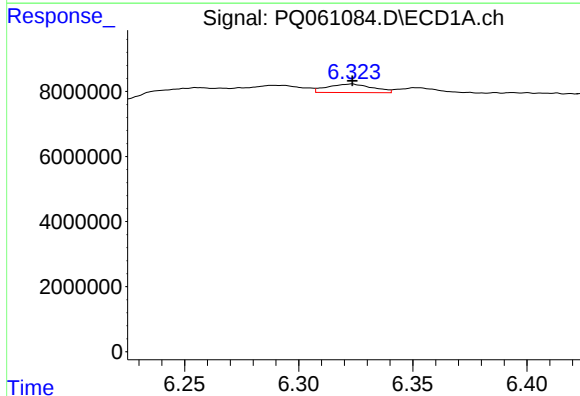
R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 2876133
Conc: 6.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



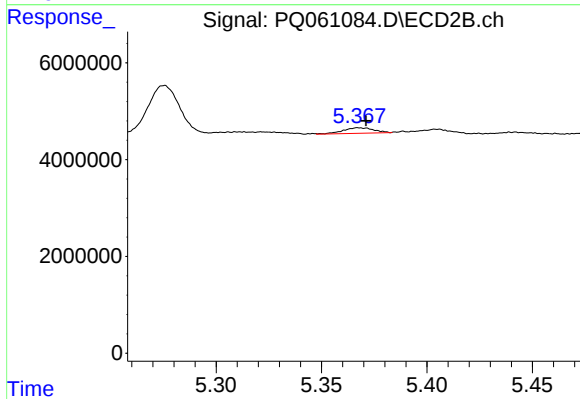
#31 AR-1260-1

R.T.: 5.182 min
Delta R.T.: 0.000 min
Response: 5937665
Conc: 26.04 ng/ml



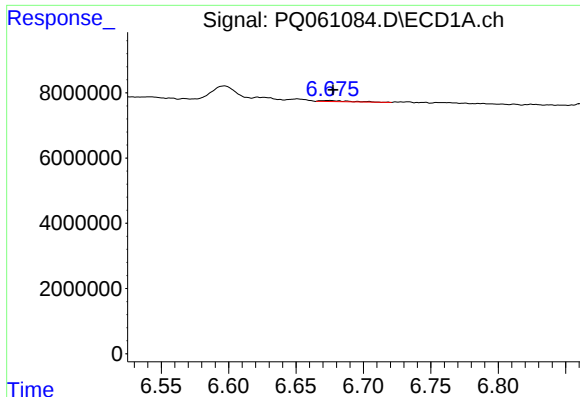
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 3657653
Conc: 7.31 ng/ml



#32 AR-1260-2

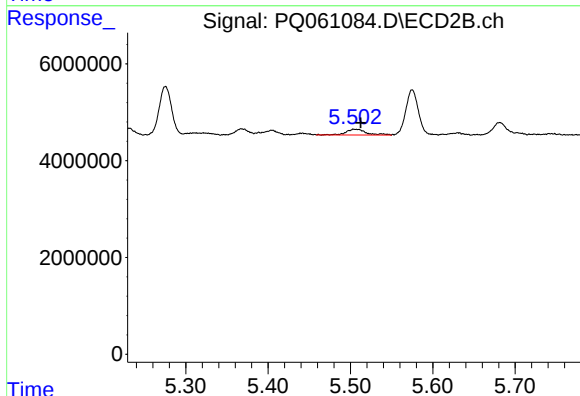
R.T.: 5.368 min
Delta R.T.: -0.003 min
Response: 1131392
Conc: 4.03 ng/ml



#33 AR-1260-3

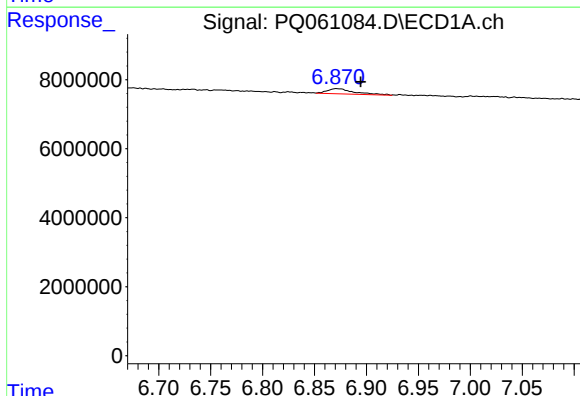
R.T.: 6.675 min
Delta R.T.: -0.002 min
Response: 491220
Conc: 1.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



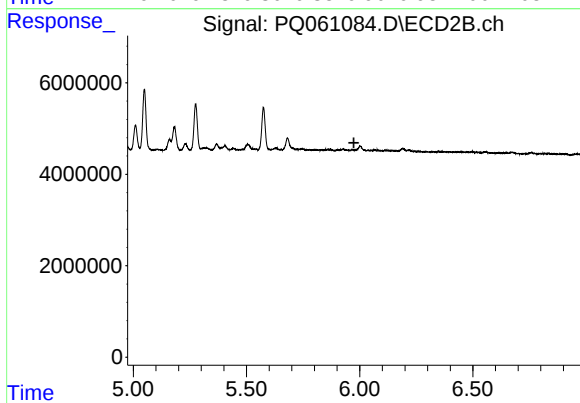
#33 AR-1260-3

R.T.: 5.505 min
Delta R.T.: -0.008 min
Response: 2053874
Conc: 7.74 ng/ml



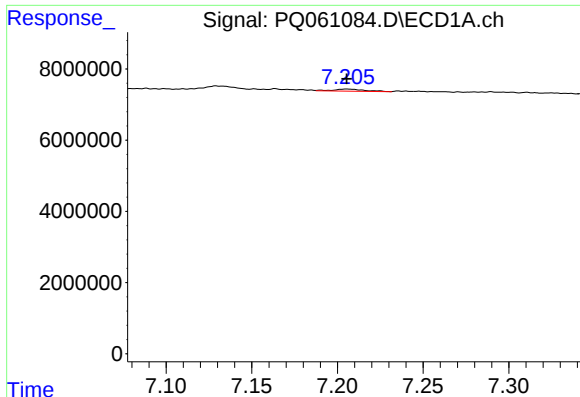
#34 AR-1260-4

R.T.: 6.871 min
Delta R.T.: -0.023 min
Response: 2661752
Conc: 6.38 ng/ml



#34 AR-1260-4

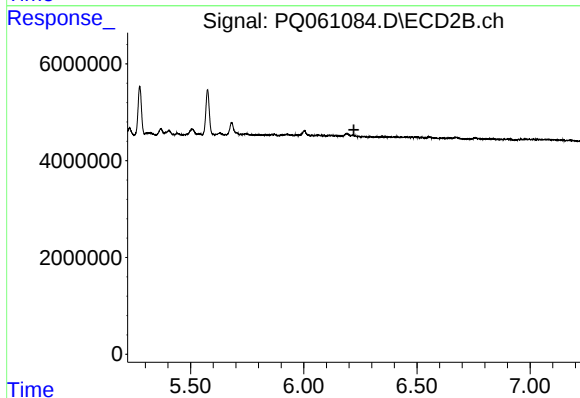
R.T.: 0.000 min
Exp R.T.: 5.975 min
Response: 0
Conc: N.D.



#35 AR-1260-5

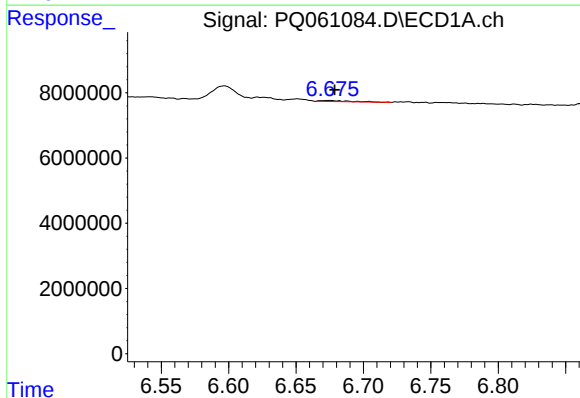
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 707792
Conc: 0.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



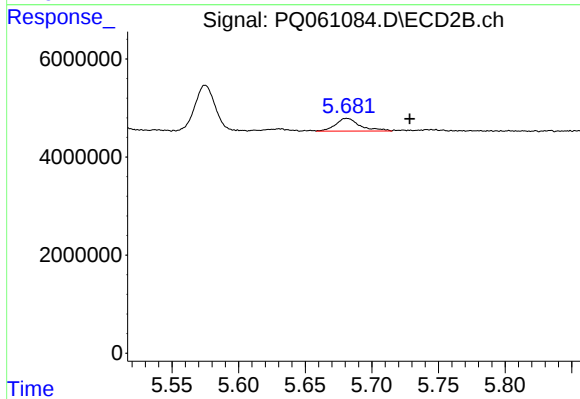
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 6.221 min
Response: 0
Conc: N.D.



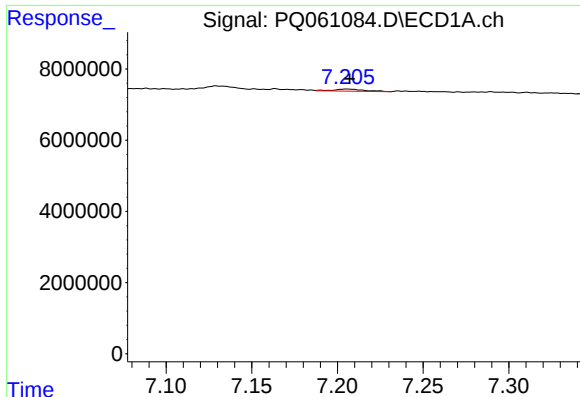
#36 AR-1262-1

R.T.: 6.675 min
Delta R.T.: -0.004 min
Response: 491220
Conc: 0.93 ng/ml



#36 AR-1262-1

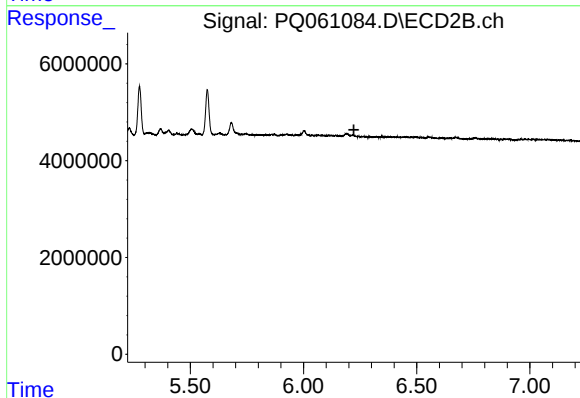
R.T.: 5.681 min
Delta R.T.: -0.047 min
Response: 3265168
Conc: 10.33 ng/ml



#37 AR-1262-2

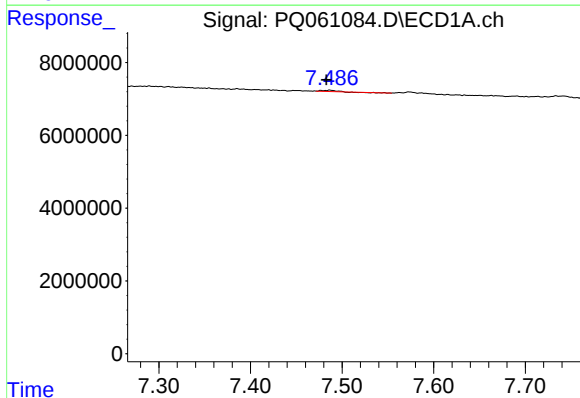
R.T.: 7.206 min
Delta R.T.: -0.002 min
Response: 707792
Conc: 0.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



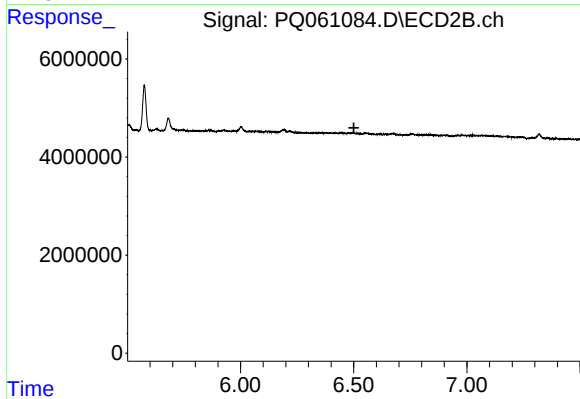
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.223 min
Response: 0
Conc: N.D.



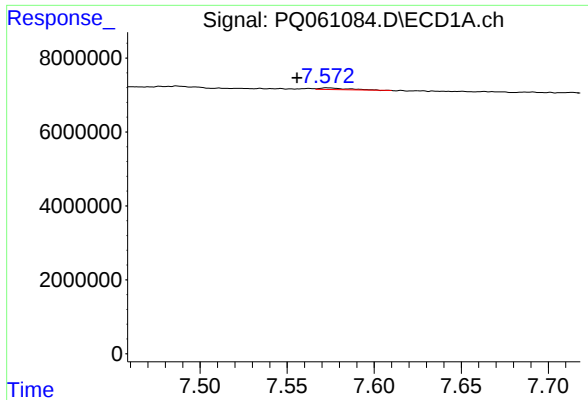
#38 AR-1262-3

R.T.: 7.487 min
Delta R.T.: 0.004 min
Response: 314115
Conc: 0.52 ng/ml



#38 AR-1262-3

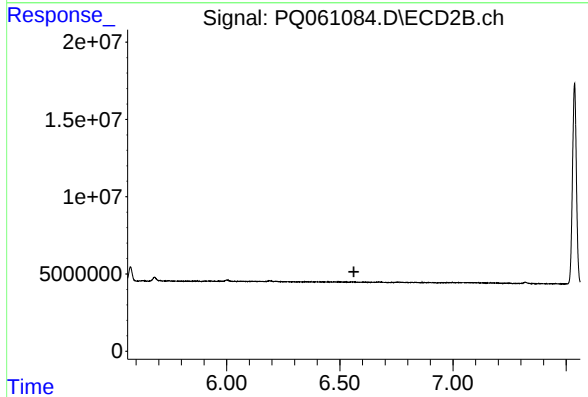
R.T.: 0.000 min
Exp R.T. : 6.501 min
Response: 0
Conc: N.D.



#39 AR-1262-4

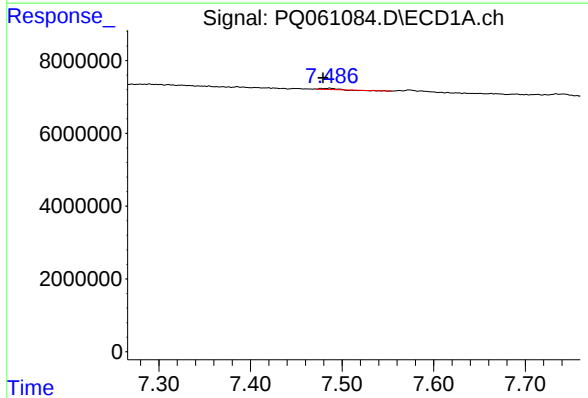
R.T.: 7.573 min
Delta R.T.: 0.017 min
Response: 484808
Conc: 1.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



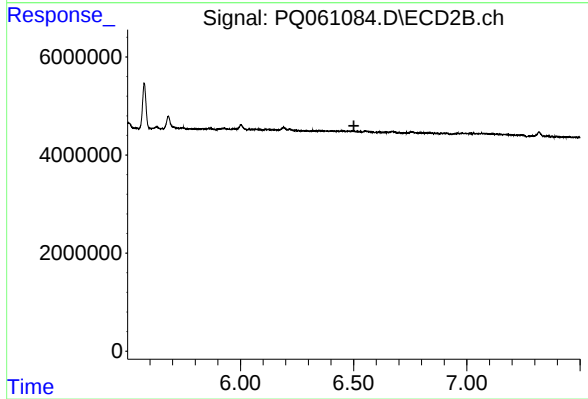
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 6.562 min
Response: 0
Conc: N.D.



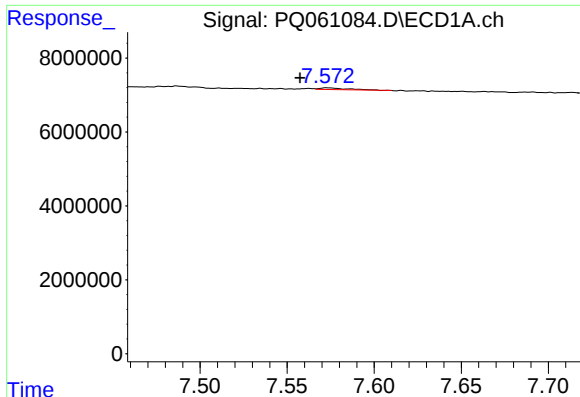
#41 AR-1268-1

R.T.: 7.487 min
Delta R.T.: 0.007 min
Response: 314115
Conc: 0.39 ng/ml



#41 AR-1268-1

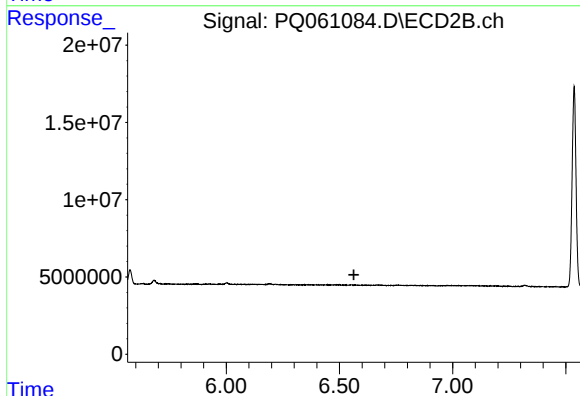
R.T.: 0.000 min
Exp R.T. : 6.501 min
Response: 0
Conc: N.D.



#42 AR-1268-2

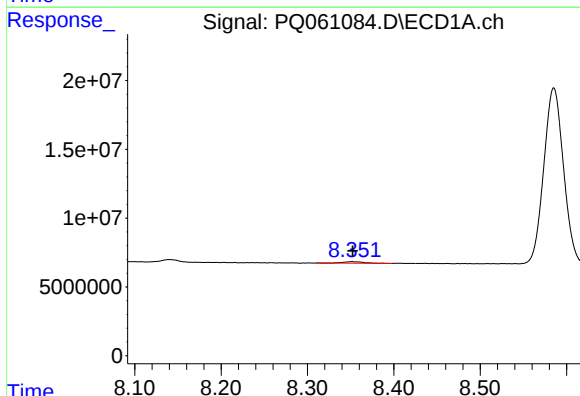
R.T.: 7.573 min
Delta R.T.: 0.016 min
Response: 484808
Conc: 0.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



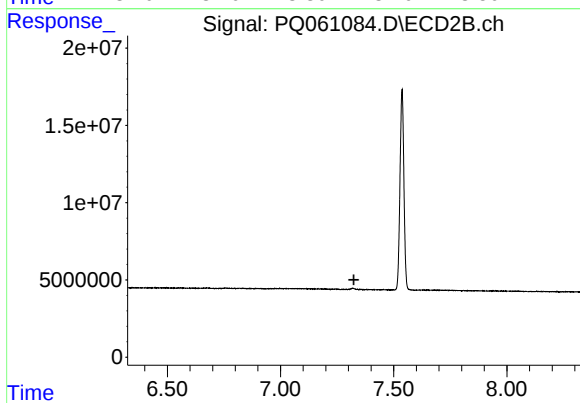
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 6.564 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: 0.000 min
Response: 1815457
Conc: 1.04 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 7.324 min
Response: 0
Conc: N.D.