

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ070523\
 Data File : PQ061925.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jul 2023 18:32
 Operator : YP\AJ
 Sample : 03507-07MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 05 22:42:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 04 05:32:27 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.405	2.760	82033422	50441419	16.816	20.103
2)	SA Decachlor...	8.585	7.530	56587665	52336133	15.577	15.706
Target Compounds							
3)	L1 AR-1016-1	4.506	3.762	52068074	50377834	316.104	508.993 #
4)	L1 AR-1016-2	4.525	3.777	105.8E6	73397249	427.950	509.000
5)	L1 AR-1016-3	4.582	3.937	68498057	38704122	449.446	513.027
6)	L1 AR-1016-4	4.674	3.986	54569504	33016509	435.354	502.694
7)	L1 AR-1016-5	4.961	4.180	55326945	41205768	454.554	502.622
8)	L2 AR-1221-1	3.591	2.960	19632153	5161271	326.616	156.419 #
9)	L2 AR-1221-2	3.684	3.038	9778402	7572646	217.624	298.135 #
10)	L2 AR-1221-3	3.754	3.106	41943181	27759241	298.489	360.085
11)	L3 AR-1232-1	3.754	3.106	41943181	27759241	397.184	484.466
12)	L3 AR-1232-2	4.247	3.777	57402527	73397249	970.438	1102.807
13)	L3 AR-1232-3	4.525	3.937	105.8E6	38704122	935.780	1120.074
14)	L3 AR-1232-4	4.674	4.022	54569504	36788196	962.995	1237.001 #
15)	L3 AR-1232-5	4.771	4.180	43269658	41205768	1080.391	1155.490
16)	L4 AR-1242-1	4.506	3.762	52068074	50377834	398.366	651.389 #
17)	L4 AR-1242-2	4.525	3.777	105.8E6	73397249	545.068	660.293
18)	L4 AR-1242-3	4.582	3.937	68498057	38704122	566.830	660.750
19)	L4 AR-1242-4	4.674	4.022	54569504	36788196	559.769	627.483
20)	L4 AR-1242-5	5.390	4.516	8230359	34197013	85.975	412.546 #
21)	L5 AR-1248-1	4.506	3.762	52068074	50377834	500.757	805.783 #
22)	L5 AR-1248-2	4.771	3.986	43269658	33016509	301.190	352.106
23)	L5 AR-1248-3	4.961	4.022	55326945	36788196	318.497	406.303 #
24)	L5 AR-1248-4	5.358	4.180	4212198	41205768	21.946	365.172 #
25)	L5 AR-1248-5	5.390	4.554	8230359	6369437	45.441	56.853 #
26)	L6 AR-1254-1	5.327	4.516	40161688	34197013	216.131	211.795
27)	L6 AR-1254-2	5.545	4.664	42029744	33944632	144.575	230.564 #
28)	L6 AR-1254-3	5.898	5.045	28959619	18775275	94.288	80.339
29)	L6 AR-1254-4	6.181	5.271	16422342	9391842	70.727	61.620
30)	L6 AR-1254-5	6.595	5.676	149.6E6	126.2E6	582.396	546.655
31)	L7 AR-1260-1	6.063	5.174	103.9E6	87333600	440.550	524.359
32)	L7 AR-1260-2	6.323	5.364	133.3E6	105.0E6	461.395	504.704
33)	L7 AR-1260-3	6.677	5.505	77442146	95602815	438.576	491.383
34)	L7 AR-1260-4	6.895	5.967	90766156	70132603	430.887	480.816
35)	L7 AR-1260-5	7.205	6.213	179.5E6	156.6E6	437.190	471.633
36)	L8 AR-1262-1	6.677	5.720	77442146	70925433	253.957	305.093
37)	L8 AR-1262-2	7.205	5.967	179.5E6	70132603	340.819	324.377
38)	L8 AR-1262-3	7.483	6.491	115.1E6	34405056	326.750	197.358 #
39)	L8 AR-1262-4	7.555	6.548	62912618	122.1E6	235.875	378.996 #
40)	L8 AR-1262-5	8.059	7.045	42577679	39543659	239.862	254.932
41)	L9 AR-1268-1	7.483	6.491	115.1E6	34405056	202.854	73.119 #

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 ALS Vial : 21 Sample Multiplier: 1

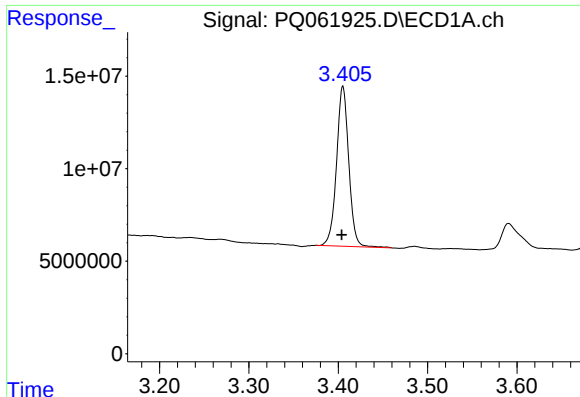
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 05 22:42:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070123.M
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 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	7.555	6.548	62912618	122.1E6	123.389	288.288 #
43) L9	AR-1268-3	7.737	6.756	4942521	8116128	11.581	22.036 #
44) L9	AR-1268-4	8.059	7.045	42577679	39543659	232.684	247.246
45) L9	AR-1268-5	8.352	7.313	13724298	15997194	10.886	13.709 #

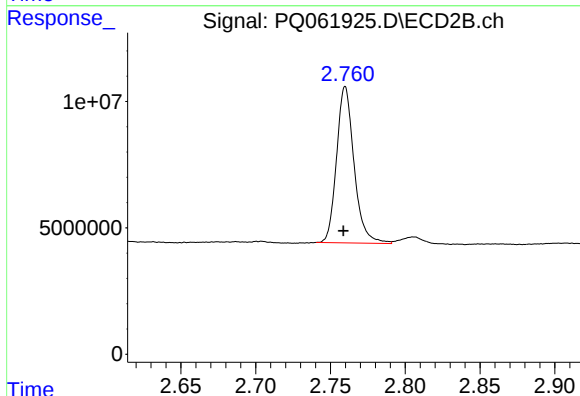
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

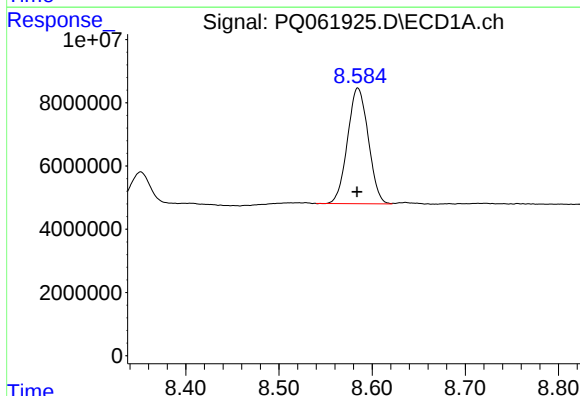
R.T.: 3.405 min
Delta R.T.: 0.001 min
Response: 82033422
Conc: 16.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



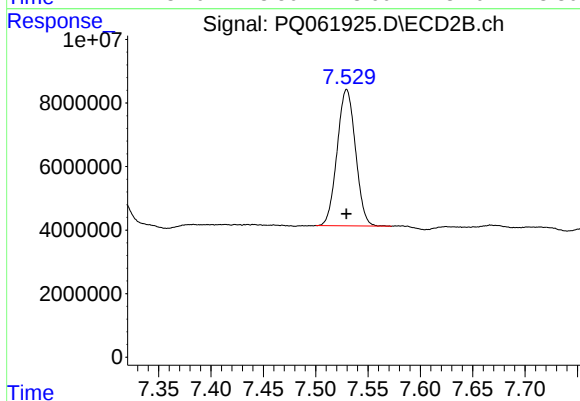
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: 0.001 min
Response: 50441419
Conc: 20.10 ng/ml



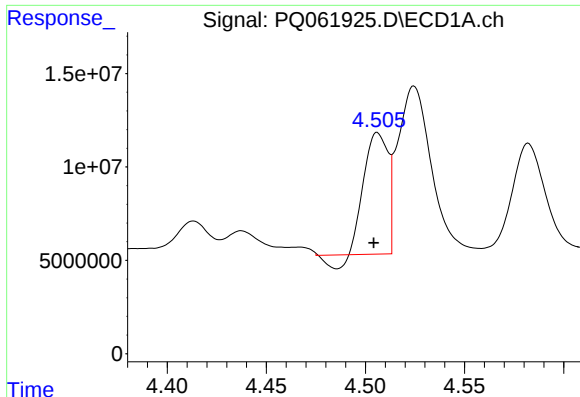
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 56587665
Conc: 15.58 ng/ml



#2 Decachlorobiphenyl

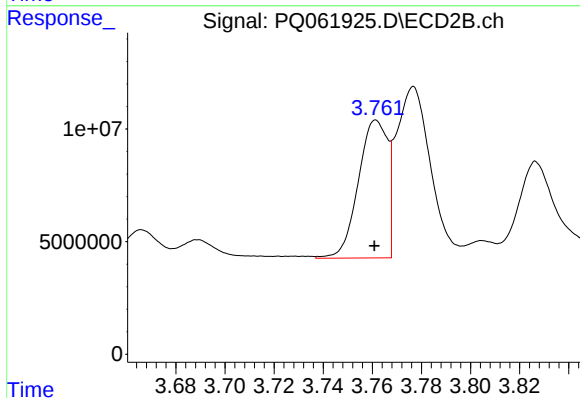
R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 52336133
Conc: 15.71 ng/ml



#3 AR-1016-1

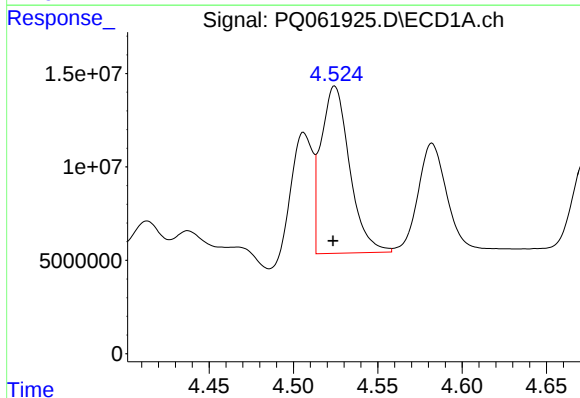
R.T.: 4.506 min
Delta R.T.: 0.002 min
Response: 52068074
Conc: 316.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



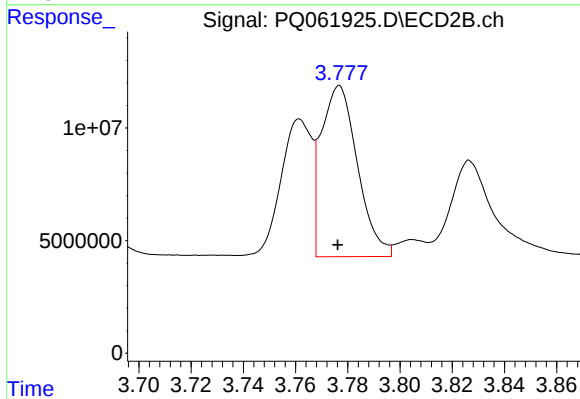
#3 AR-1016-1

R.T.: 3.762 min
Delta R.T.: 0.000 min
Response: 50377834
Conc: 508.99 ng/ml



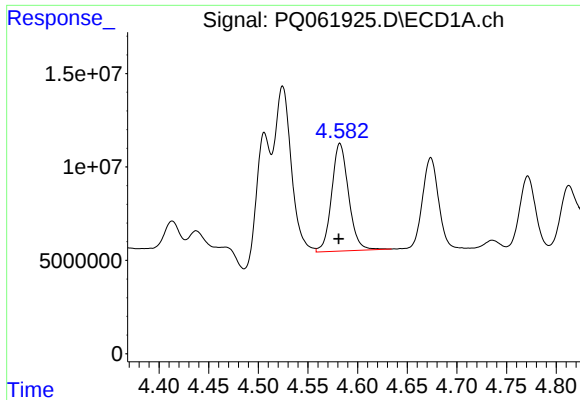
#4 AR-1016-2

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 105818583
Conc: 427.95 ng/ml



#4 AR-1016-2

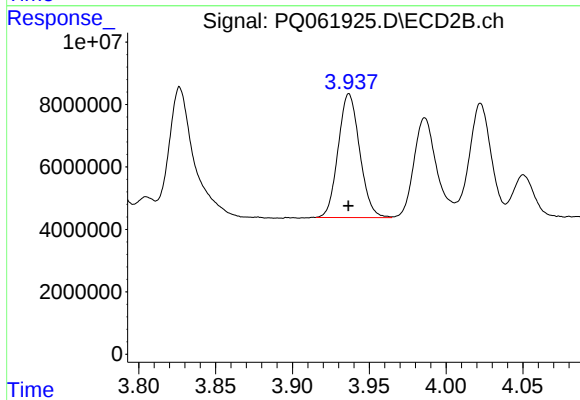
R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 73397249
Conc: 509.00 ng/ml



#5 AR-1016-3

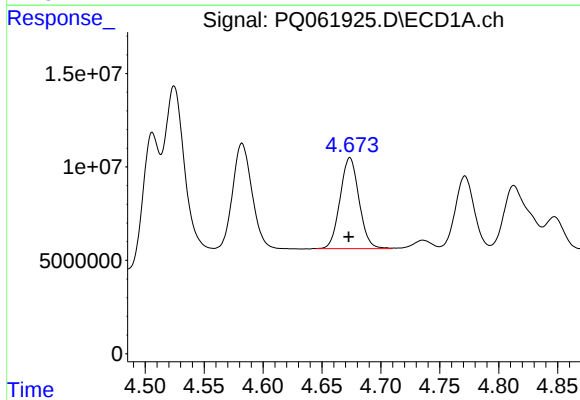
R.T.: 4.582 min
Delta R.T.: 0.001 min
Response: 68498057
Conc: 449.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



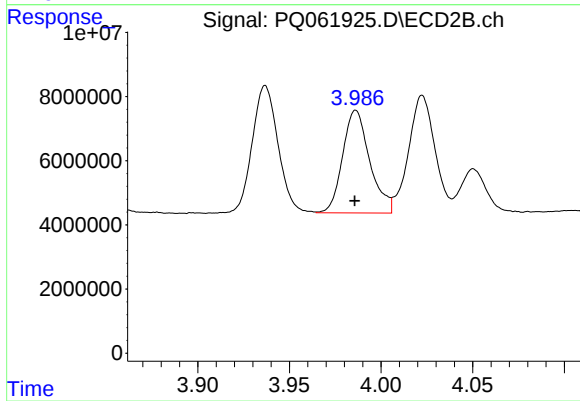
#5 AR-1016-3

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 38704122
Conc: 513.03 ng/ml



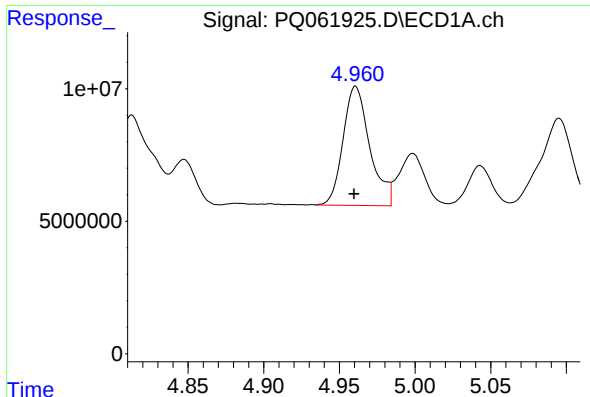
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 54569504
Conc: 435.35 ng/ml



#6 AR-1016-4

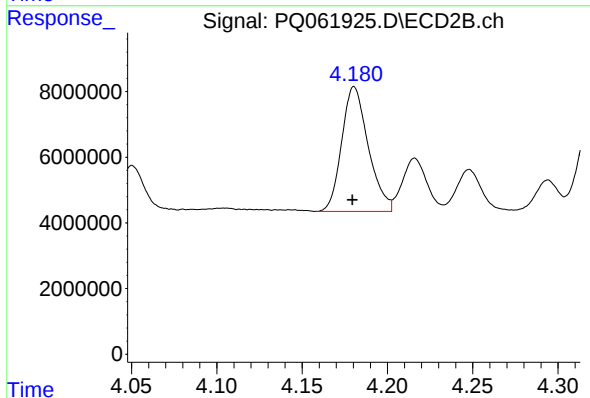
R.T.: 3.986 min
Delta R.T.: 0.000 min
Response: 33016509
Conc: 502.69 ng/ml



#7 AR-1016-5

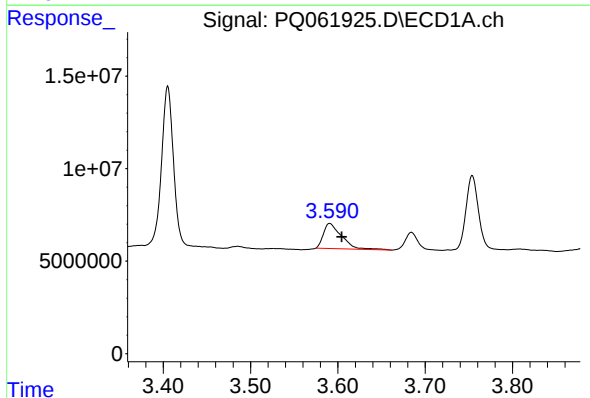
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 55326945
Conc: 454.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



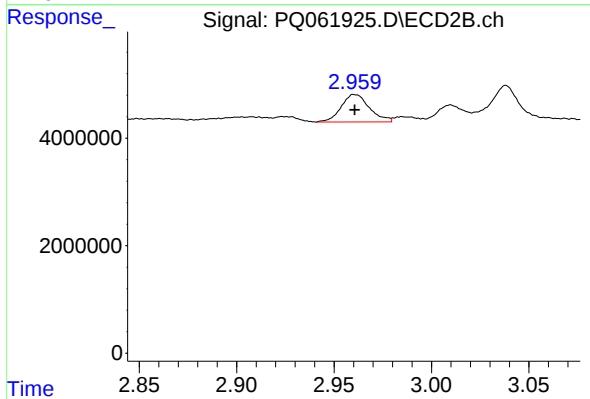
#7 AR-1016-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 41205768
Conc: 502.62 ng/ml



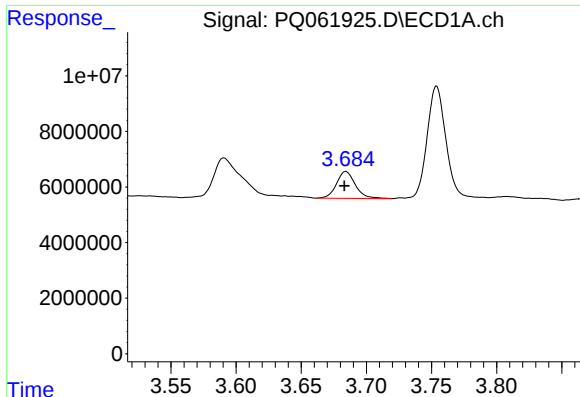
#8 AR-1221-1

R.T.: 3.591 min
Delta R.T.: -0.014 min
Response: 19632153
Conc: 326.62 ng/ml



#8 AR-1221-1

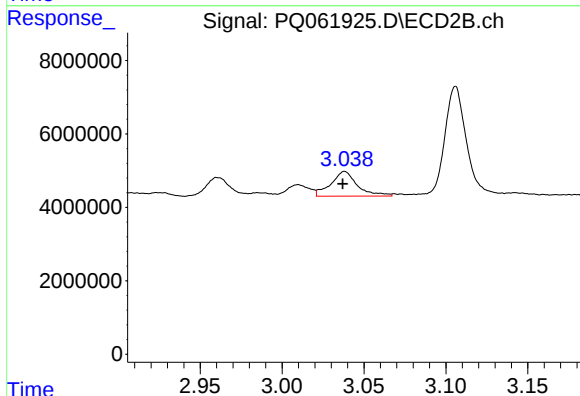
R.T.: 2.960 min
Delta R.T.: 0.000 min
Response: 5161271
Conc: 156.42 ng/ml



#9 AR-1221-2

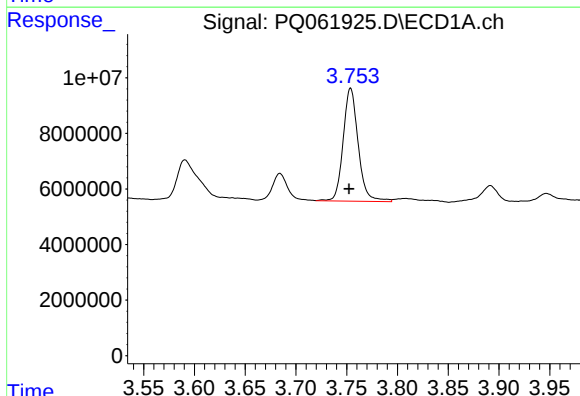
R.T.: 3.684 min
Delta R.T.: 0.001 min
Response: 9778402
Conc: 217.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



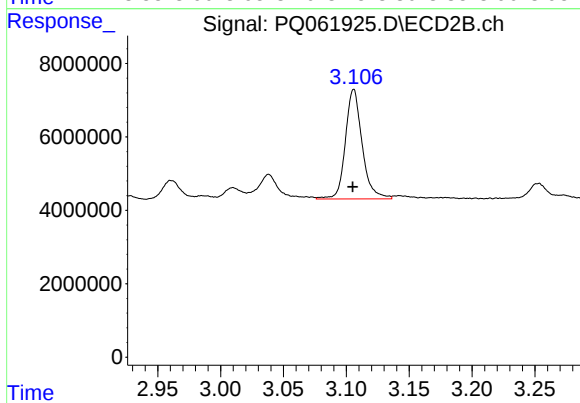
#9 AR-1221-2

R.T.: 3.038 min
Delta R.T.: 0.001 min
Response: 7572646
Conc: 298.13 ng/ml



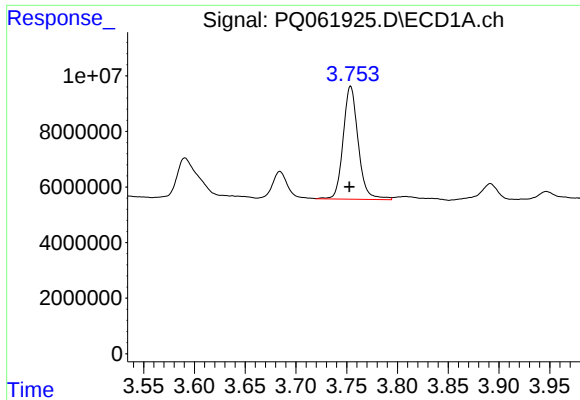
#10 AR-1221-3

R.T.: 3.754 min
Delta R.T.: 0.001 min
Response: 41943181
Conc: 298.49 ng/ml



#10 AR-1221-3

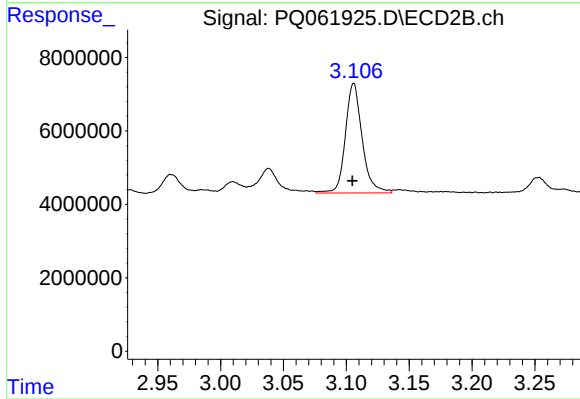
R.T.: 3.106 min
Delta R.T.: 0.000 min
Response: 27759241
Conc: 360.08 ng/ml



#11 AR-1232-1

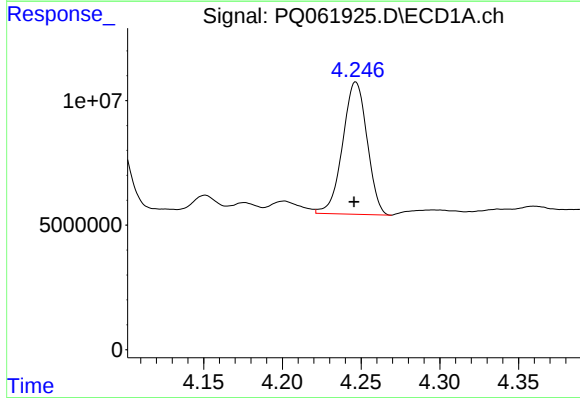
R.T.: 3.754 min
Delta R.T.: 0.001 min
Response: 41943181
Conc: 397.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



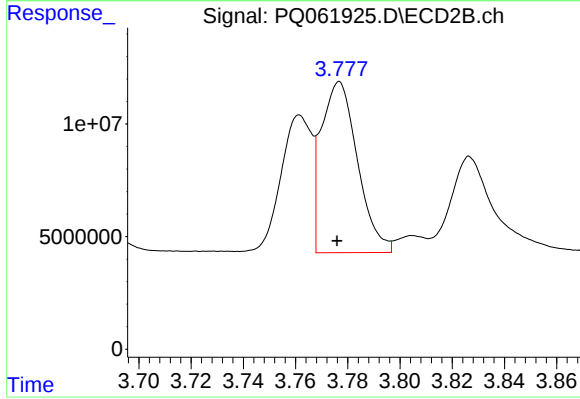
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: 0.001 min
Response: 27759241
Conc: 484.47 ng/ml



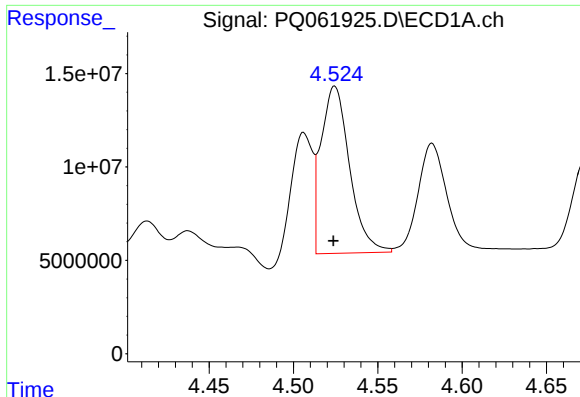
#12 AR-1232-2

R.T.: 4.247 min
Delta R.T.: 0.001 min
Response: 57402527
Conc: 970.44 ng/ml



#12 AR-1232-2

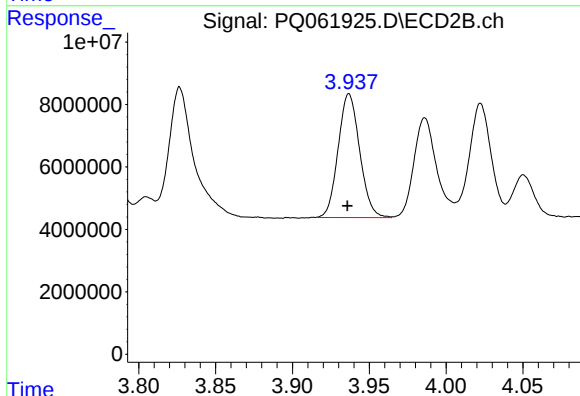
R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 73397249
Conc: 1102.81 ng/ml



#13 AR-1232-3

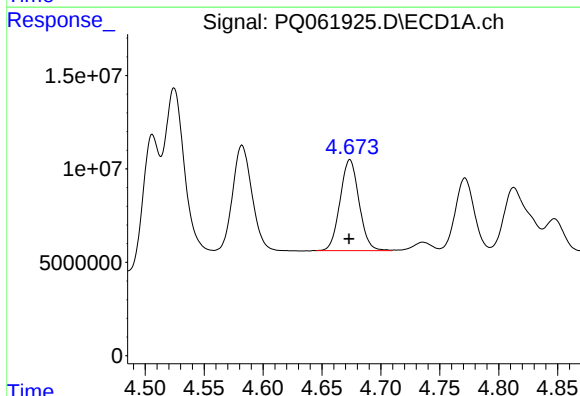
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 105818583
Conc: 935.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



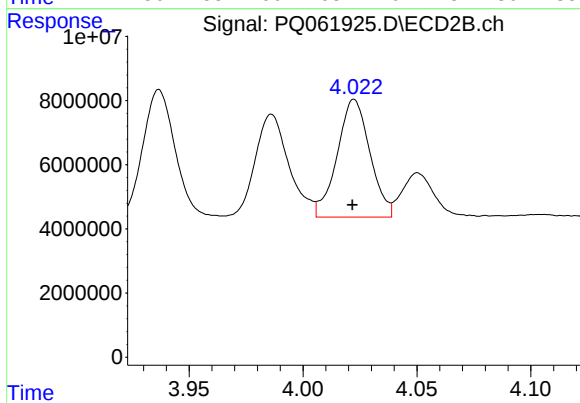
#13 AR-1232-3

R.T.: 3.937 min
Delta R.T.: 0.001 min
Response: 38704122
Conc: 1120.07 ng/ml



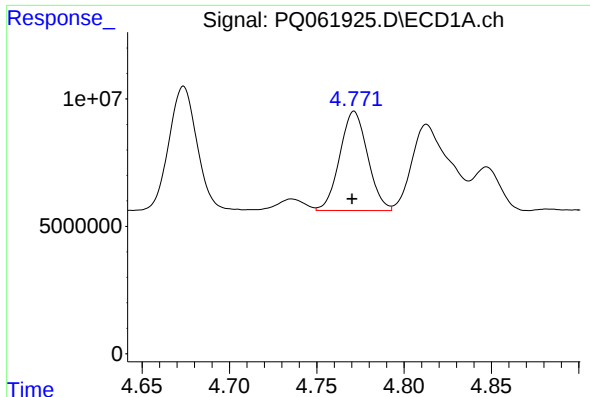
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 54569504
Conc: 963.00 ng/ml



#14 AR-1232-4

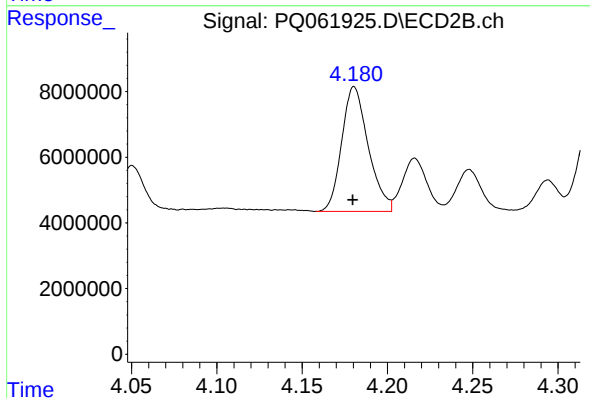
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 36788196
Conc: 1237.00 ng/ml



#15 AR-1232-5

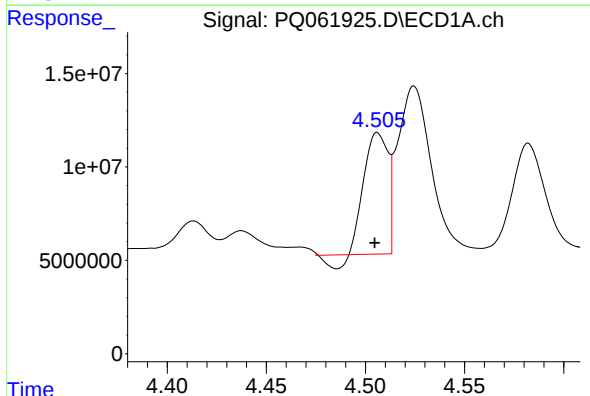
R.T.: 4.771 min
Delta R.T.: 0.001 min
Response: 43269658
Conc: 1080.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



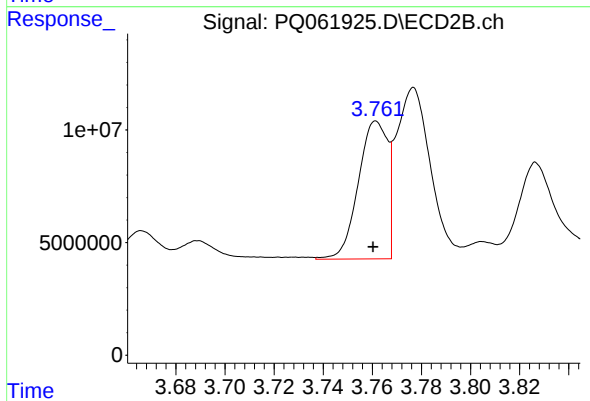
#15 AR-1232-5

R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 41205768
Conc: 1155.49 ng/ml



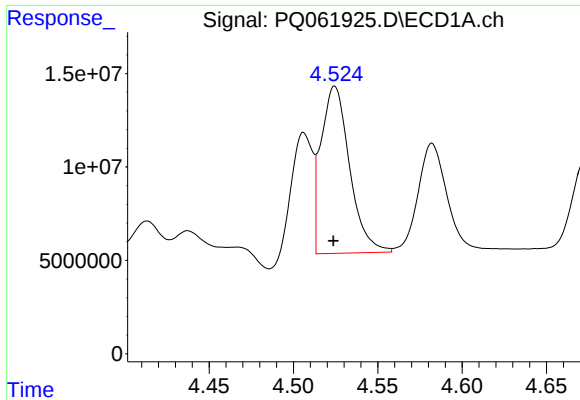
#16 AR-1242-1

R.T.: 4.506 min
Delta R.T.: 0.001 min
Response: 52068074
Conc: 398.37 ng/ml



#16 AR-1242-1

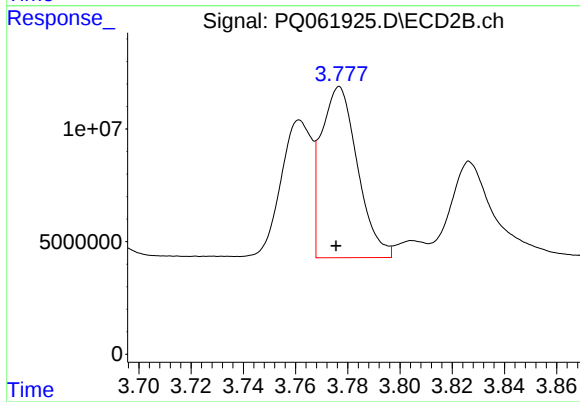
R.T.: 3.762 min
Delta R.T.: 0.001 min
Response: 50377834
Conc: 651.39 ng/ml



#17 AR-1242-2

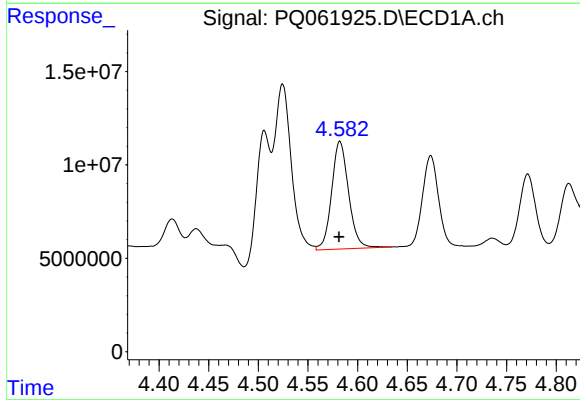
R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 105818583
Conc: 545.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



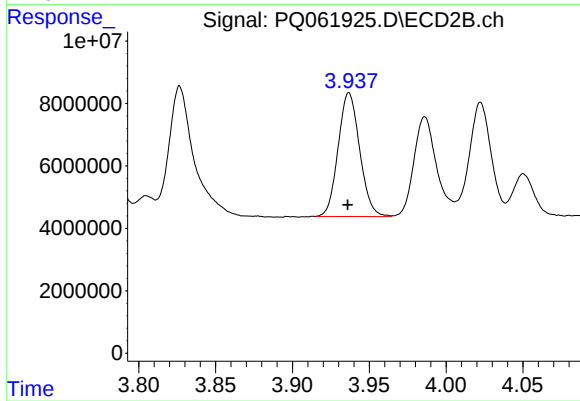
#17 AR-1242-2

R.T.: 3.777 min
Delta R.T.: 0.001 min
Response: 73397249
Conc: 660.29 ng/ml



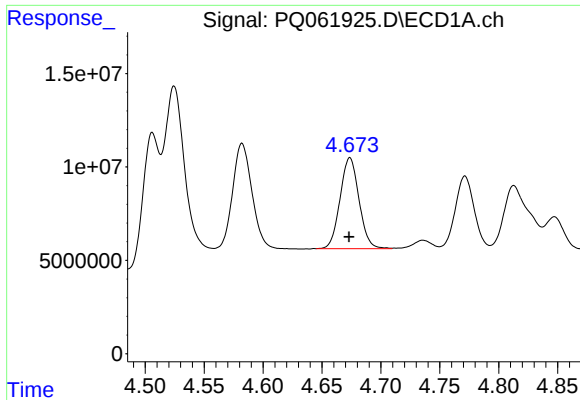
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 68498057
Conc: 566.83 ng/ml



#18 AR-1242-3

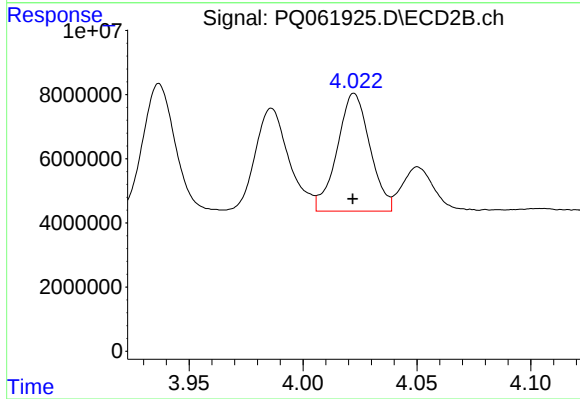
R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 38704122
Conc: 660.75 ng/ml



#19 AR-1242-4

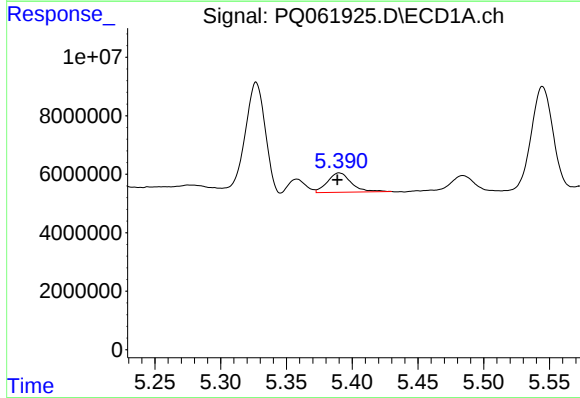
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 54569504
Conc: 559.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



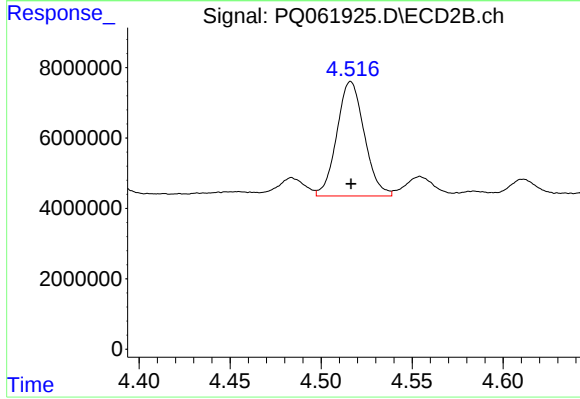
#19 AR-1242-4

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 36788196
Conc: 627.48 ng/ml



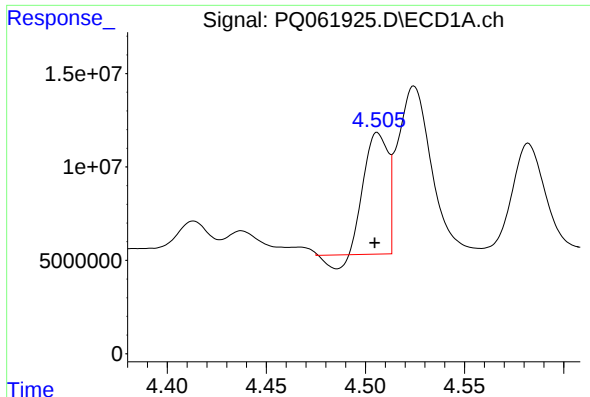
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.001 min
Response: 8230359
Conc: 85.97 ng/ml



#20 AR-1242-5

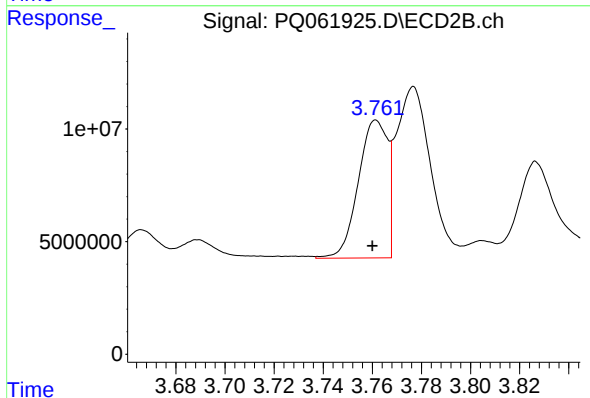
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 34197013
Conc: 412.55 ng/ml



#21 AR-1248-1

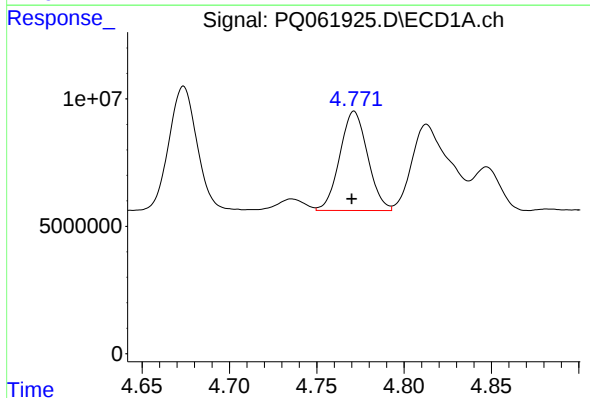
R.T.: 4.506 min
Delta R.T.: 0.002 min
Response: 52068074
Conc: 500.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



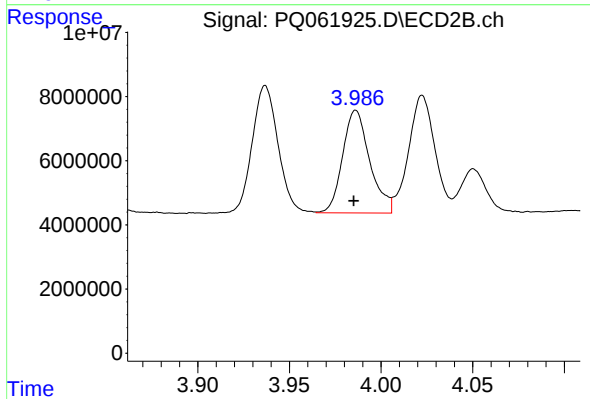
#21 AR-1248-1

R.T.: 3.762 min
Delta R.T.: 0.001 min
Response: 50377834
Conc: 805.78 ng/ml



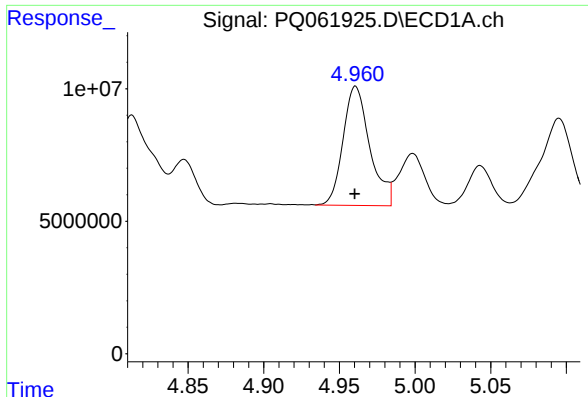
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.001 min
Response: 43269658
Conc: 301.19 ng/ml



#22 AR-1248-2

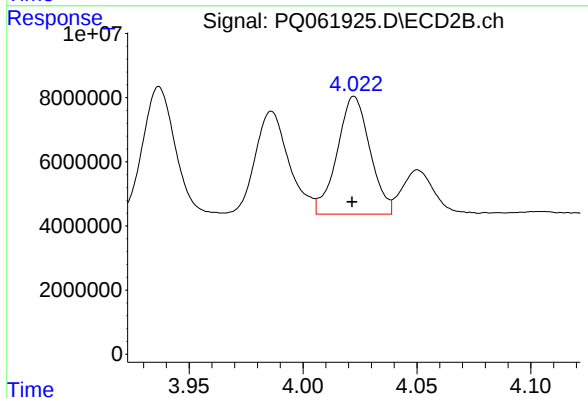
R.T.: 3.986 min
Delta R.T.: 0.001 min
Response: 33016509
Conc: 352.11 ng/ml



#23 AR-1248-3

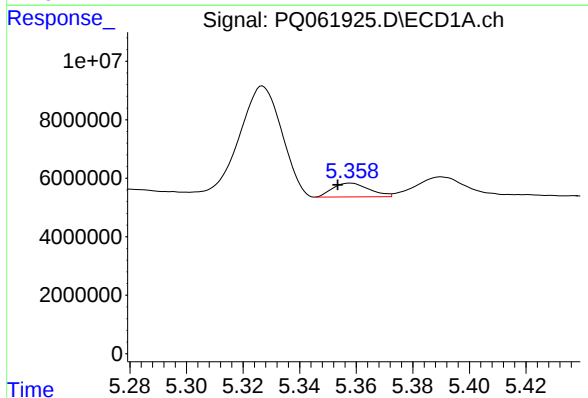
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 55326945
Conc: 318.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



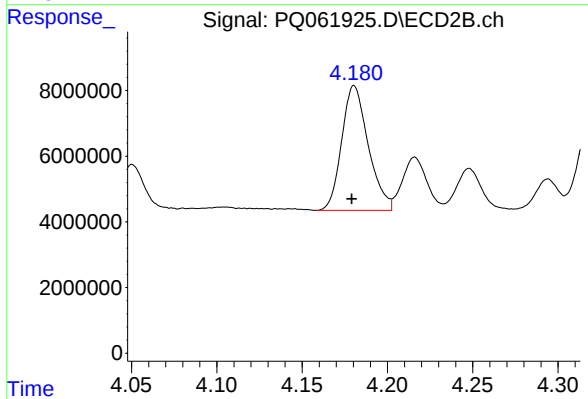
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 36788196
Conc: 406.30 ng/ml



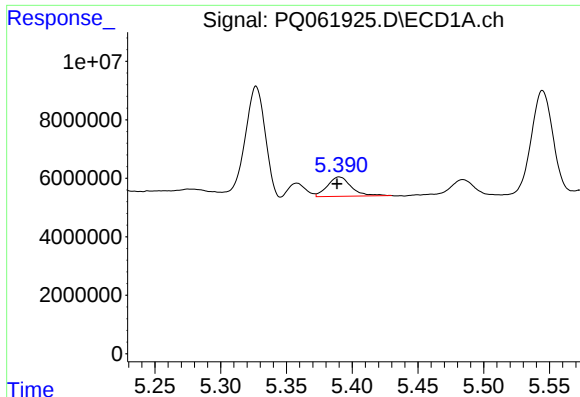
#24 AR-1248-4

R.T.: 5.358 min
Delta R.T.: 0.004 min
Response: 4212198
Conc: 21.95 ng/ml



#24 AR-1248-4

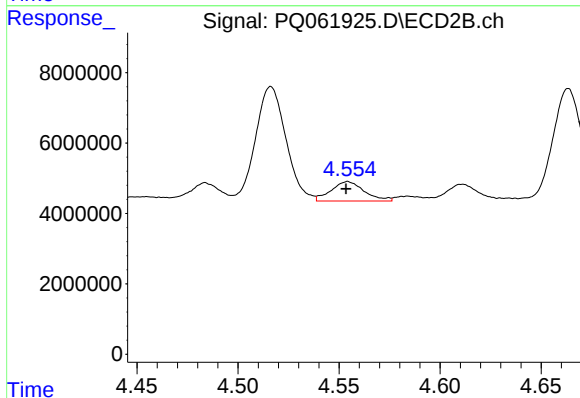
R.T.: 4.180 min
Delta R.T.: 0.001 min
Response: 41205768
Conc: 365.17 ng/ml



#25 AR-1248-5

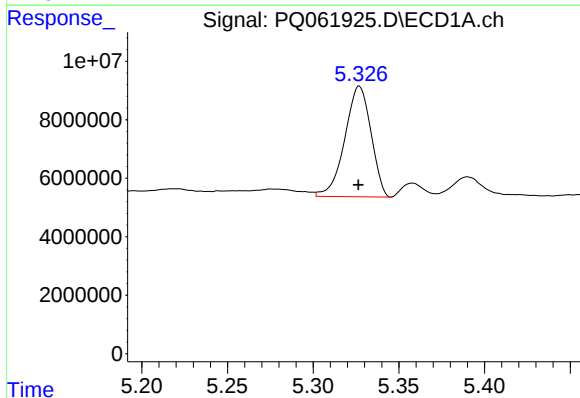
R.T.: 5.390 min
Delta R.T.: 0.002 min
Response: 8230359
Conc: 45.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



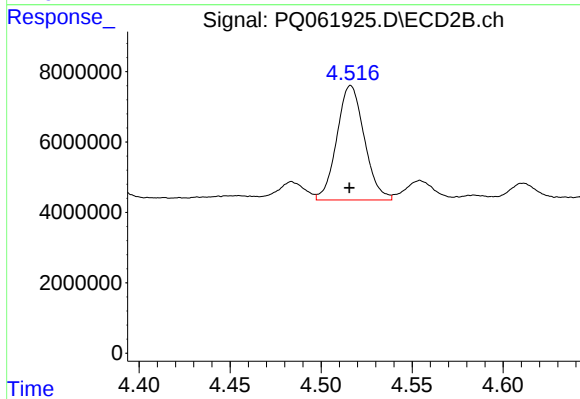
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 6369437
Conc: 56.85 ng/ml



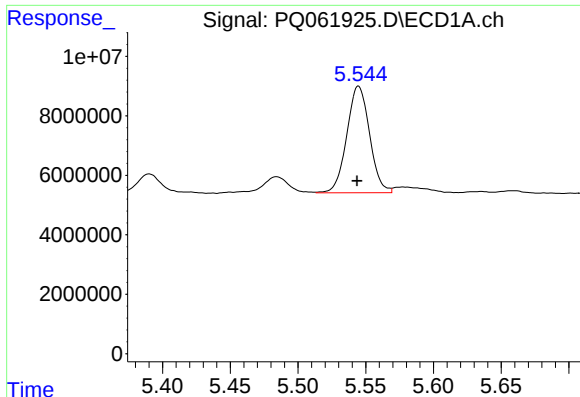
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 40161688
Conc: 216.13 ng/ml



#26 AR-1254-1

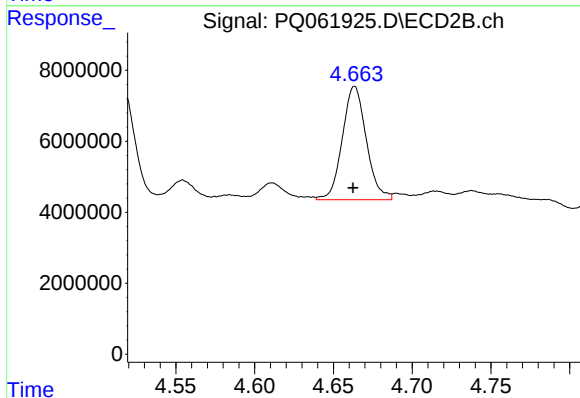
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 34197013
Conc: 211.79 ng/ml



#27 AR-1254-2

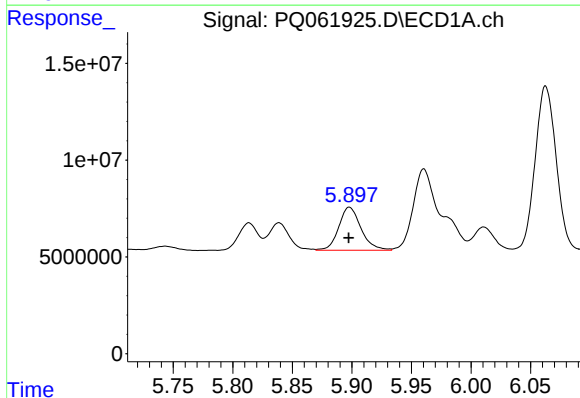
R.T.: 5.545 min
Delta R.T.: 0.001 min
Response: 42029744
Conc: 144.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



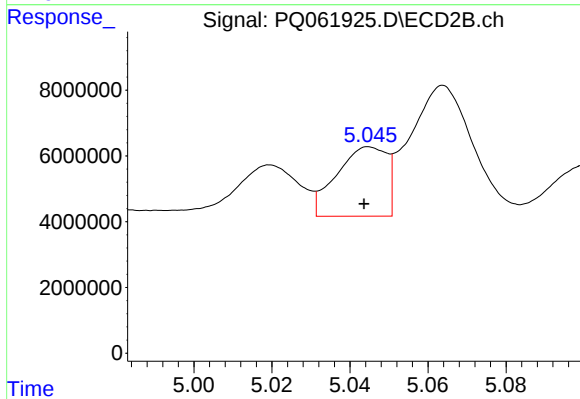
#27 AR-1254-2

R.T.: 4.664 min
Delta R.T.: 0.001 min
Response: 33944632
Conc: 230.56 ng/ml



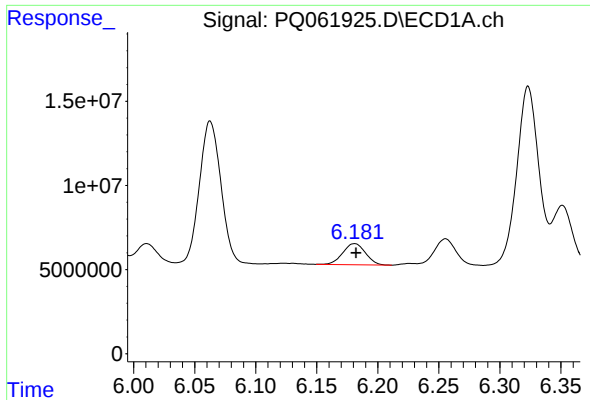
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 28959619
Conc: 94.29 ng/ml



#28 AR-1254-3

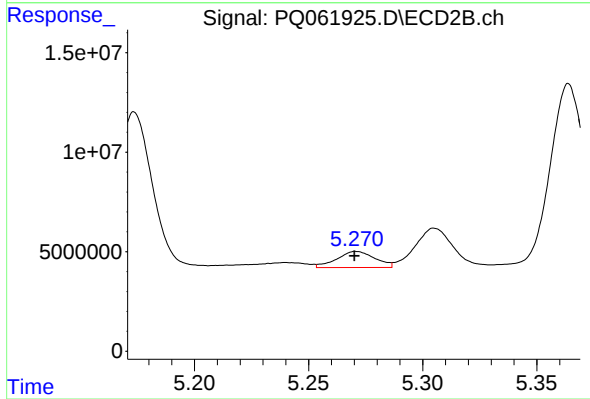
R.T.: 5.045 min
Delta R.T.: 0.001 min
Response: 18775275
Conc: 80.34 ng/ml



#29 AR-1254-4

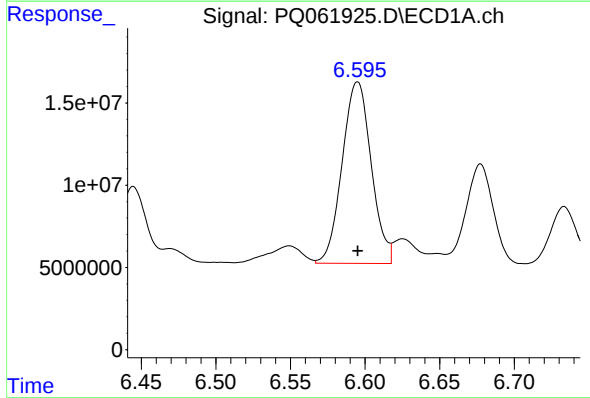
R.T.: 6.181 min
Delta R.T.: -0.001 min
Response: 16422342
Conc: 70.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



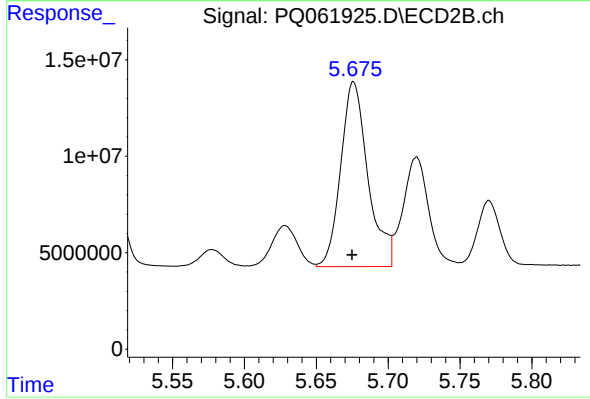
#29 AR-1254-4

R.T.: 5.271 min
Delta R.T.: 0.000 min
Response: 9391842
Conc: 61.62 ng/ml



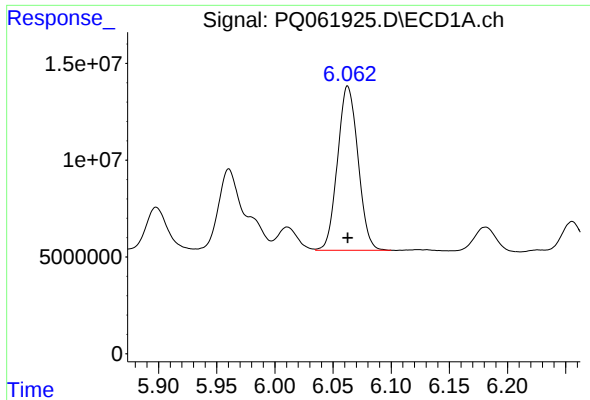
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 149600084
Conc: 582.40 ng/ml



#30 AR-1254-5

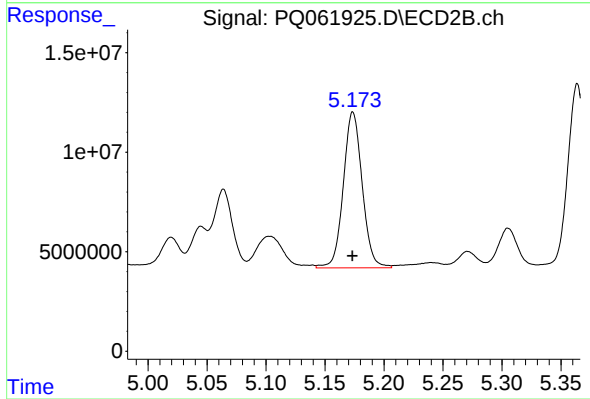
R.T.: 5.676 min
Delta R.T.: 0.001 min
Response: 126166013
Conc: 546.66 ng/ml



#31 AR-1260-1

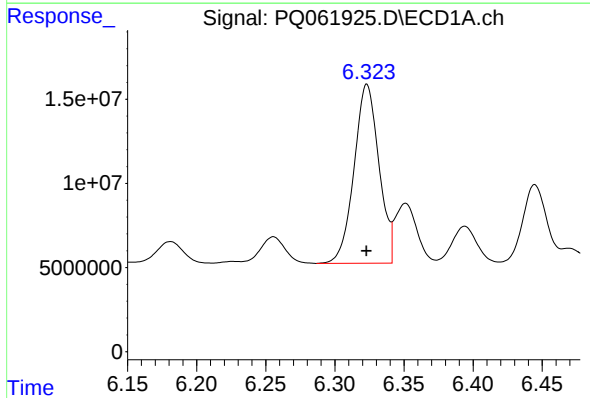
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 103939777
Conc: 440.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



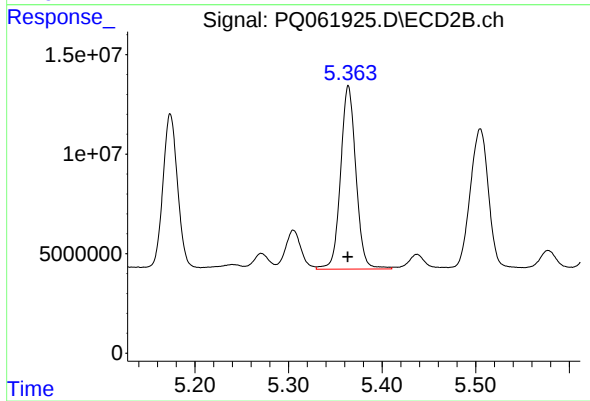
#31 AR-1260-1

R.T.: 5.174 min
Delta R.T.: 0.000 min
Response: 87333600
Conc: 524.36 ng/ml



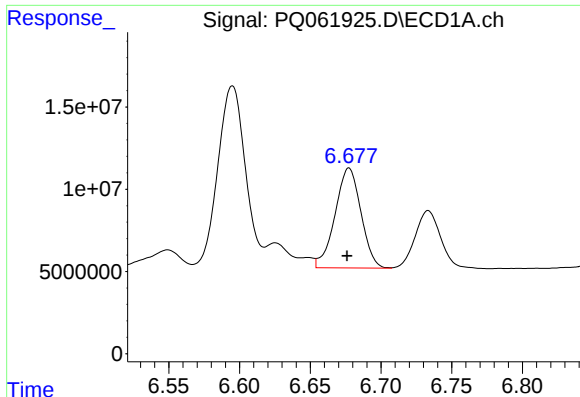
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 133256621
Conc: 461.39 ng/ml



#32 AR-1260-2

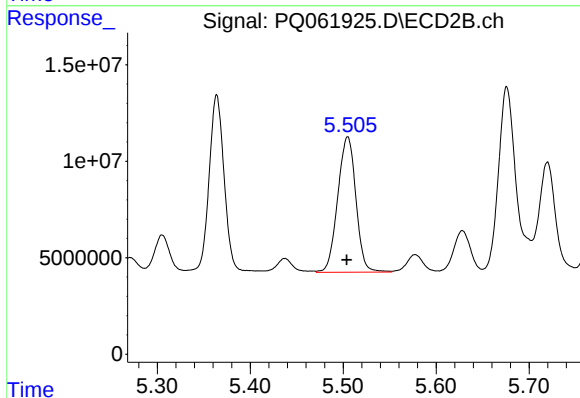
R.T.: 5.364 min
Delta R.T.: 0.000 min
Response: 104951204
Conc: 504.70 ng/ml



#33 AR-1260-3

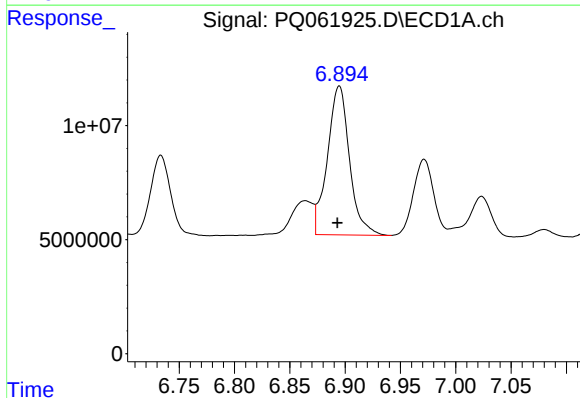
R.T.: 6.677 min
Delta R.T.: 0.001 min
Response: 77442146
Conc: 438.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



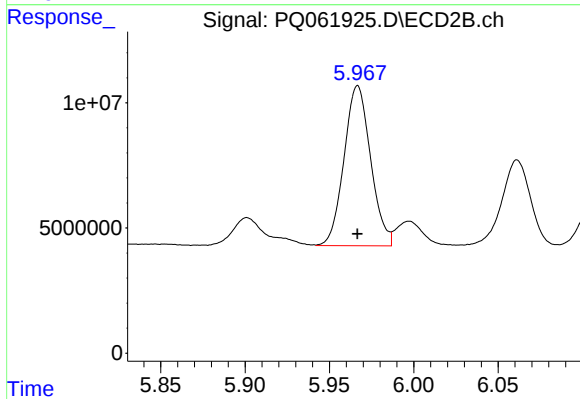
#33 AR-1260-3

R.T.: 5.505 min
Delta R.T.: 0.001 min
Response: 95602815
Conc: 491.38 ng/ml



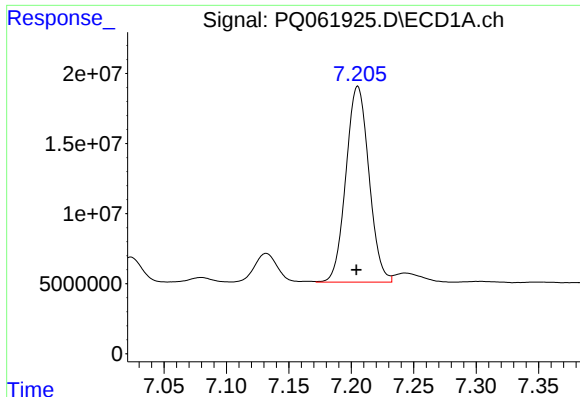
#34 AR-1260-4

R.T.: 6.895 min
Delta R.T.: 0.002 min
Response: 90766156
Conc: 430.89 ng/ml



#34 AR-1260-4

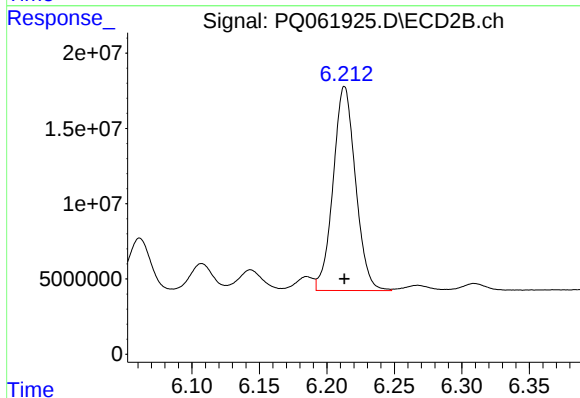
R.T.: 5.967 min
Delta R.T.: 0.000 min
Response: 70132603
Conc: 480.82 ng/ml



#35 AR-1260-5

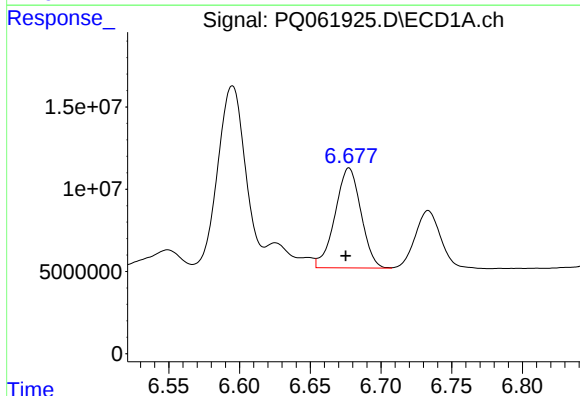
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 179514206
Conc: 437.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



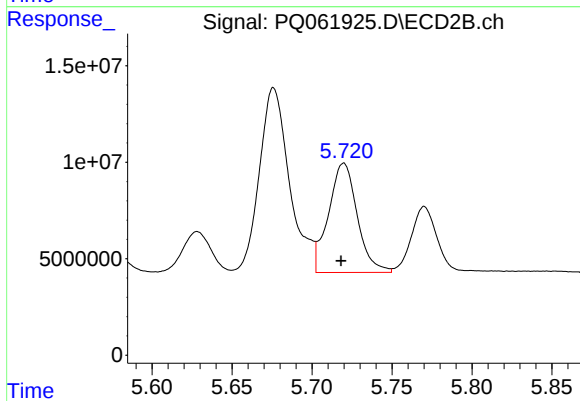
#35 AR-1260-5

R.T.: 6.213 min
Delta R.T.: 0.000 min
Response: 156609825
Conc: 471.63 ng/ml



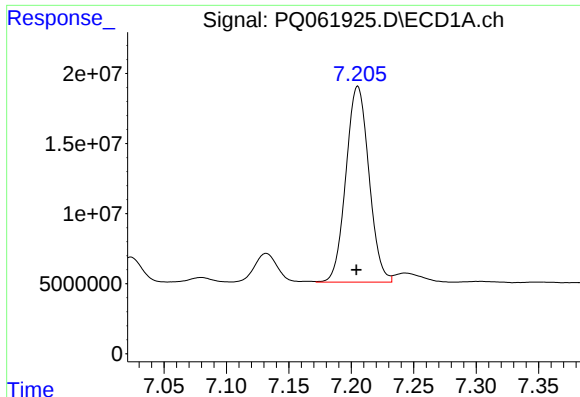
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.002 min
Response: 77442146
Conc: 253.96 ng/ml



#36 AR-1262-1

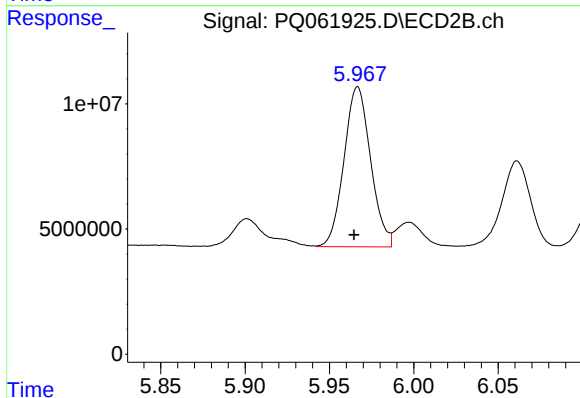
R.T.: 5.720 min
Delta R.T.: 0.002 min
Response: 70925433
Conc: 305.09 ng/ml



#37 AR-1262-2

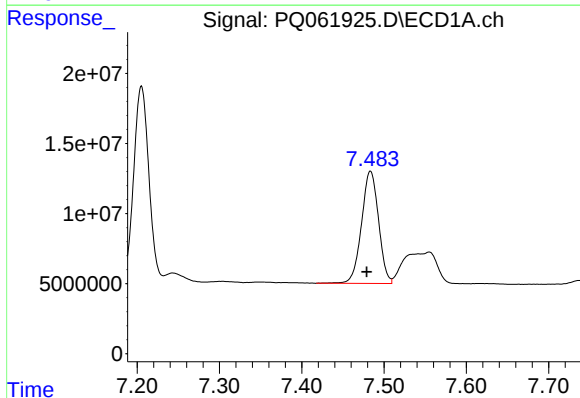
R.T.: 7.205 min
Delta R.T.: 0.001 min
Response: 179514206
Conc: 340.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



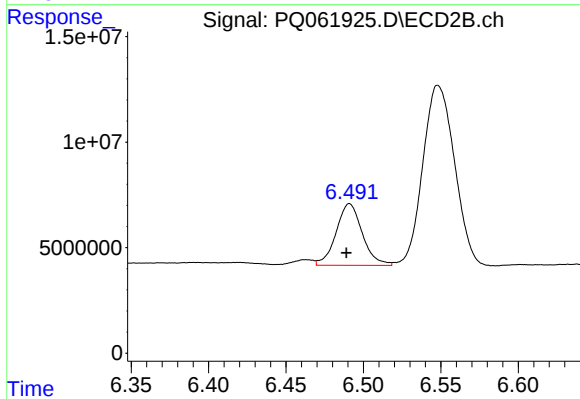
#37 AR-1262-2

R.T.: 5.967 min
Delta R.T.: 0.002 min
Response: 70132603
Conc: 324.38 ng/ml



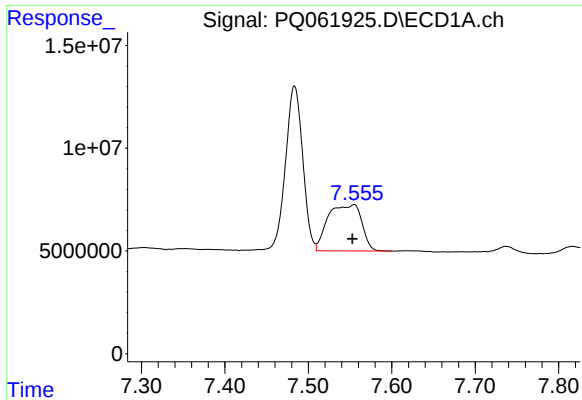
#38 AR-1262-3

R.T.: 7.483 min
Delta R.T.: 0.004 min
Response: 115115150
Conc: 326.75 ng/ml



#38 AR-1262-3

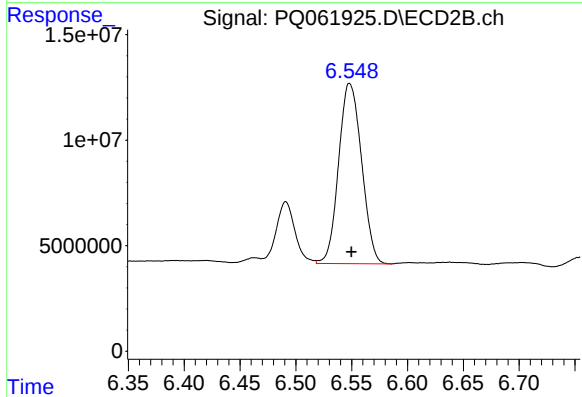
R.T.: 6.491 min
Delta R.T.: 0.002 min
Response: 34405056
Conc: 197.36 ng/ml



#39 AR-1262-4

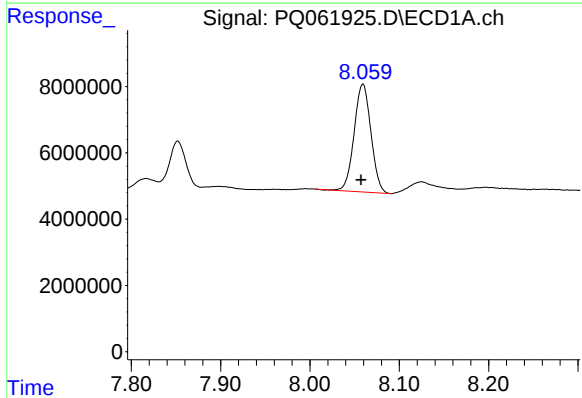
R.T.: 7.555 min
Delta R.T.: 0.002 min
Response: 62912618
Conc: 235.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



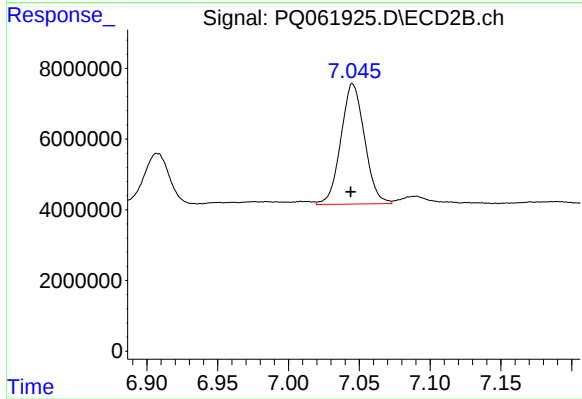
#39 AR-1262-4

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 122148248
Conc: 379.00 ng/ml



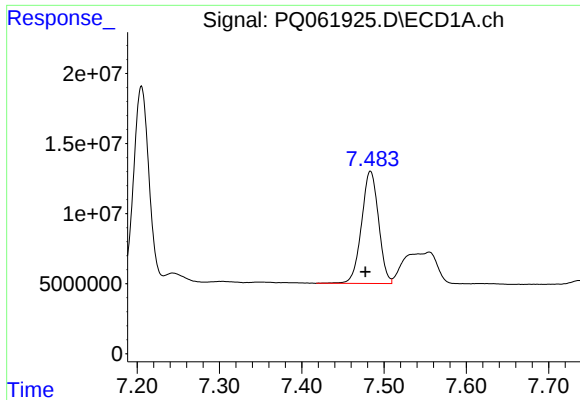
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.002 min
Response: 42577679
Conc: 239.86 ng/ml



#40 AR-1262-5

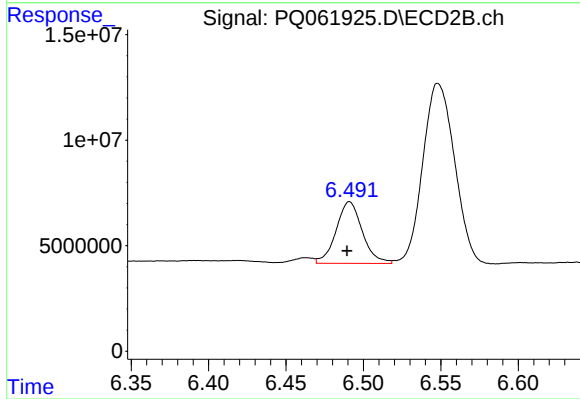
R.T.: 7.045 min
Delta R.T.: 0.001 min
Response: 39543659
Conc: 254.93 ng/ml



#41 AR-1268-1

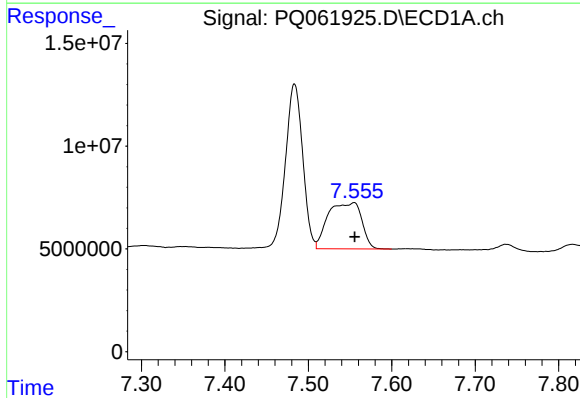
R.T.: 7.483 min
Delta R.T.: 0.006 min
Response: 115115150
Conc: 202.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



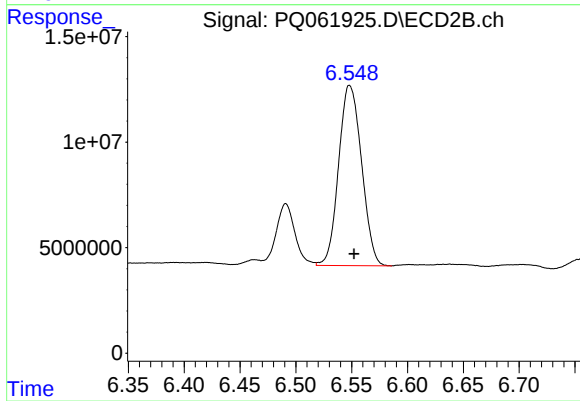
#41 AR-1268-1

R.T.: 6.491 min
Delta R.T.: 0.002 min
Response: 34405056
Conc: 73.12 ng/ml



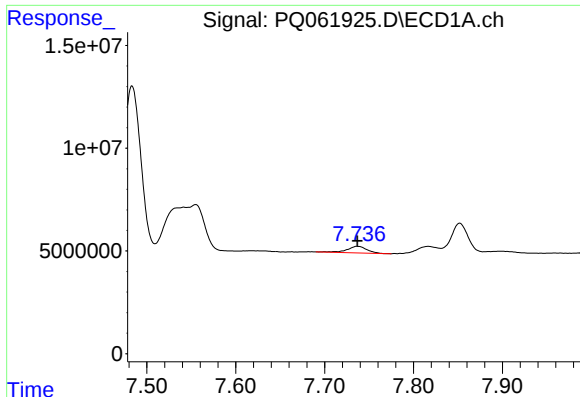
#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: 0.000 min
Response: 62912618
Conc: 123.39 ng/ml



#42 AR-1268-2

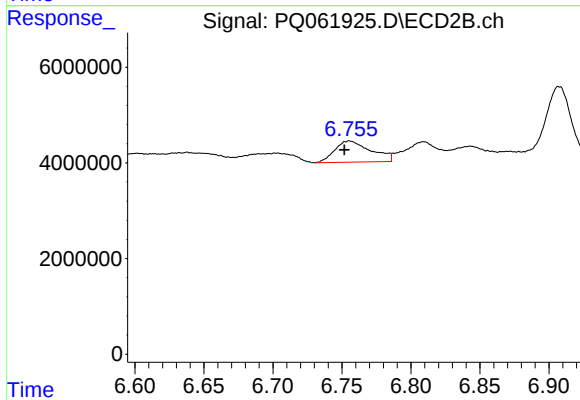
R.T.: 6.548 min
Delta R.T.: -0.004 min
Response: 122148248
Conc: 288.29 ng/ml



#43 AR-1268-3

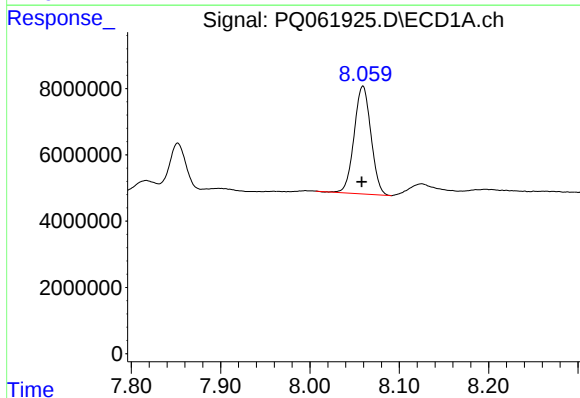
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 4942521
Conc: 11.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



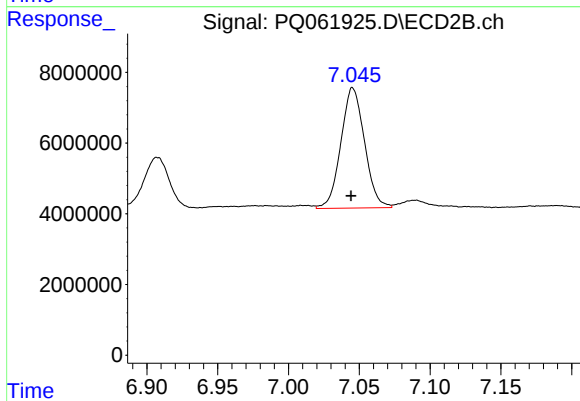
#43 AR-1268-3

R.T.: 6.756 min
Delta R.T.: 0.004 min
Response: 8116128
Conc: 22.04 ng/ml



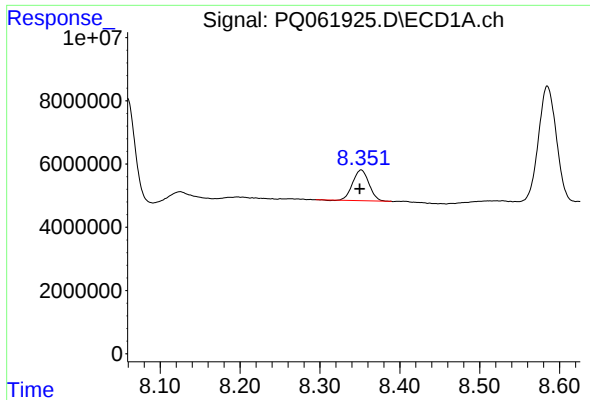
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: 0.001 min
Response: 42577679
Conc: 232.68 ng/ml



#44 AR-1268-4

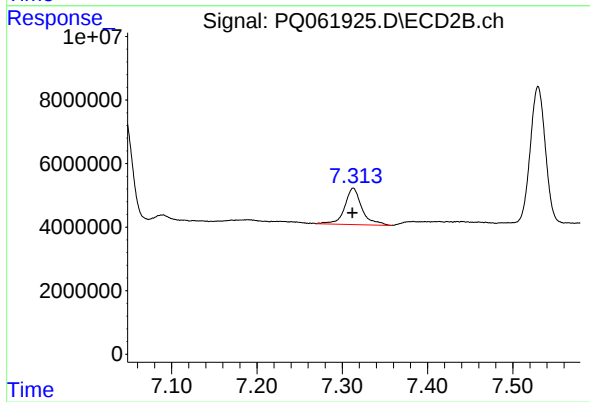
R.T.: 7.045 min
Delta R.T.: 0.001 min
Response: 39543659
Conc: 247.25 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: 0.002 min
Response: 13724298
Conc: 10.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.313 min
Delta R.T.: 0.001 min
Response: 15997194
Conc: 13.71 ng/ml