

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062923\
 Data File : PQ061738.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2023 14:07
 Operator : YP\AJ
 Sample : PB153883BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 20:27:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 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	2.759	95828850	49383373	21.319	18.493
2)	SA Decachlor...	8.585	7.531	75084684	69297943	22.289	20.646
Target Compounds							
3)	L1 AR-1016-1	4.505	3.761	73893983	44546902	479.993	431.901
4)	L1 AR-1016-2	4.524	3.776	110.8E6	65858467	485.461	442.049
5)	L1 AR-1016-3	4.582	3.937	66927427	34828956	470.983	440.729
6)	L1 AR-1016-4	4.674	3.986	55751850	30436456	484.219	428.638
7)	L1 AR-1016-5	4.961	4.180	54742410	37154666	473.662	433.981
8)	L2 AR-1221-1	3.602	2.960	7954528	4193166	141.765	117.765
9)	L2 AR-1221-2	3.684	3.038	8796117	5471497	208.438	198.657
10)	L2 AR-1221-3	3.753	3.106	39375873	22812257	300.393	269.201
11)	L3 AR-1232-1	3.753	3.106	39375873	22812257	411.931	370.432
12)	L3 AR-1232-2	4.246	3.776	55964823	65858467	1018.733	955.888
13)	L3 AR-1232-3	4.524	3.937	110.8E6	34828956	1060.360	963.185
14)	L3 AR-1232-4	4.674	4.022	55751850	33285979	1050.780	1032.737
15)	L3 AR-1232-5	4.771	4.180	43539227	37154666	1154.505	969.481
16)	L4 AR-1242-1	4.505	3.761	73893983	44546902	651.229	581.634
17)	L4 AR-1242-2	4.524	3.776	110.8E6	65858467	652.333	594.261
18)	L4 AR-1242-3	4.582	3.937	66927427	34828956	625.603	588.502
19)	L4 AR-1242-4	4.674	4.022	55751850	33285979	642.376	555.827
20)	L4 AR-1242-5	5.390	4.516	7236151	30972952	81.591	386.824 #
21)	L5 AR-1248-1	4.505	3.761	73893983	44546902	820.097	715.779
22)	L5 AR-1248-2	4.771	3.986	43539227	30436456	342.490	314.894
23)	L5 AR-1248-3	4.961	4.022	54742410	33285979	355.376	364.127
24)	L5 AR-1248-4	5.355	4.180	8706443	37154666	51.290	328.131 #
25)	L5 AR-1248-5	5.390	4.554	7236151	4834309	44.169	43.894
26)	L6 AR-1254-1	5.327	4.516	41922825	30972952	245.448	188.347
27)	L6 AR-1254-2	5.546	4.663	47422376	30426055	177.356	202.293
28)	L6 AR-1254-3	5.898	5.045	26329798	16076368	94.222	69.087 #
29)	L6 AR-1254-4	6.181	5.272	15934975	5904147	77.851	41.095 #
30)	L6 AR-1254-5	6.595	5.676	157.2E6	119.5E6	666.580	523.794
31)	L7 AR-1260-1	6.063	5.174	108.3E6	77356551	487.644	449.722
32)	L7 AR-1260-2	6.323	5.364	130.7E6	95194362	491.324	459.358
33)	L7 AR-1260-3	6.678	5.505	80667396	90022986	479.742	453.257
34)	L7 AR-1260-4	6.894	5.967	95712679	67819865	476.905	461.029
35)	L7 AR-1260-5	7.206	6.213	190.1E6	155.1E6	499.502	477.704
36)	L8 AR-1262-1	6.678	5.720	80667396	65801425	269.433	271.517
37)	L8 AR-1262-2	7.206	6.213	190.1E6	155.1E6	377.061	354.913
38)	L8 AR-1262-3	7.484	6.492	120.1E6	32416851	355.448	179.876 #
39)	L8 AR-1262-4	7.553	6.549	30418606	121.0E6	118.445	364.794 #
40)	L8 AR-1262-5	8.059	7.046	42600705	38875723	250.138	242.337
41)	L9 AR-1268-1	7.484	6.492	120.1E6	32416851	218.106	65.982 #

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 Acq On : 29 Jun 2023 14:07
 Operator : YP\AJ
 Sample : PB153883BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

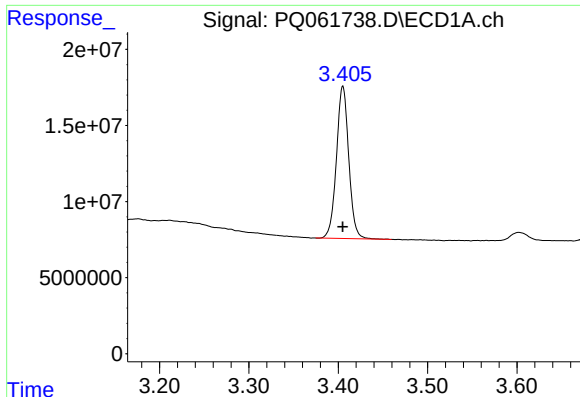
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 20:27:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.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	7.553	6.549	30418606	121.0E6	61.734	271.924 #
43) L9	AR-1268-3	7.738	6.754	3479638	3446568	8.439	8.804
44) L9	AR-1268-4	8.059	7.046	42600705	38875723	240.671	231.569
45) L9	AR-1268-5	8.351	7.314	13442707	13018902	11.310	10.499

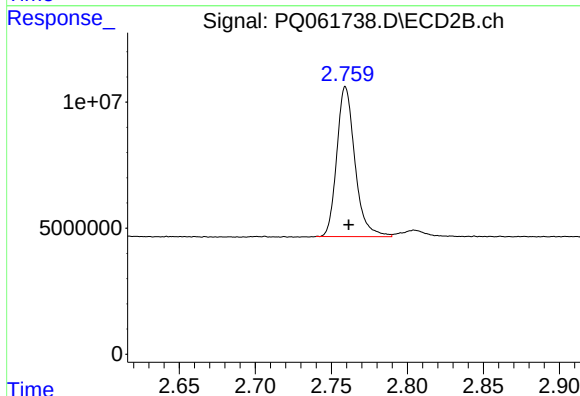
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

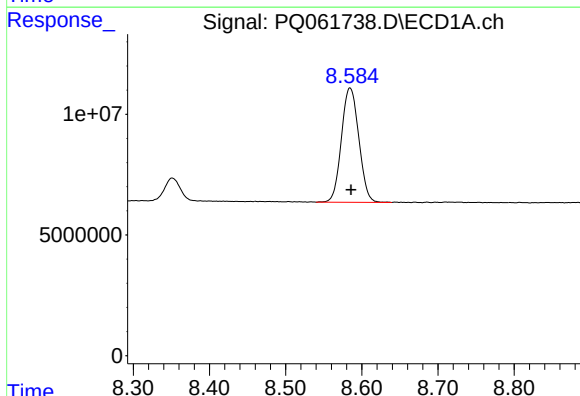
R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 95828850
Conc: 21.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



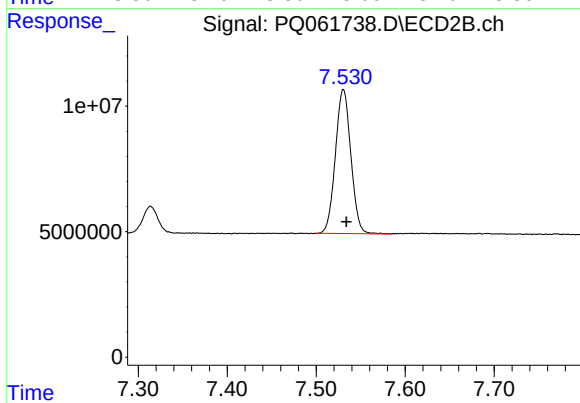
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: -0.002 min
Response: 49383373
Conc: 18.49 ng/ml



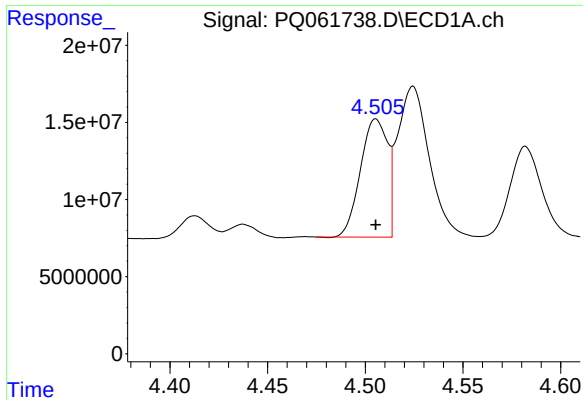
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: -0.001 min
Response: 75084684
Conc: 22.29 ng/ml



#2 Decachlorobiphenyl

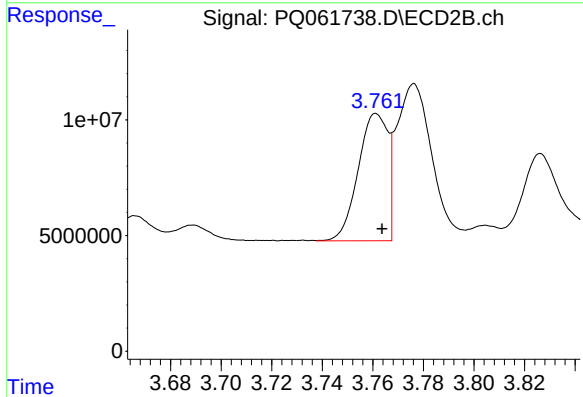
R.T.: 7.531 min
Delta R.T.: -0.003 min
Response: 69297943
Conc: 20.65 ng/ml



#3 AR-1016-1

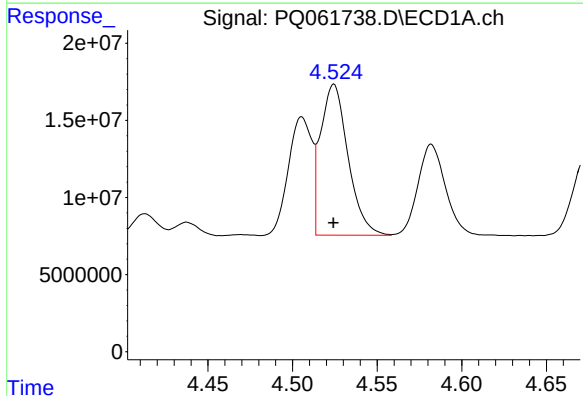
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 73893983
Conc: 479.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



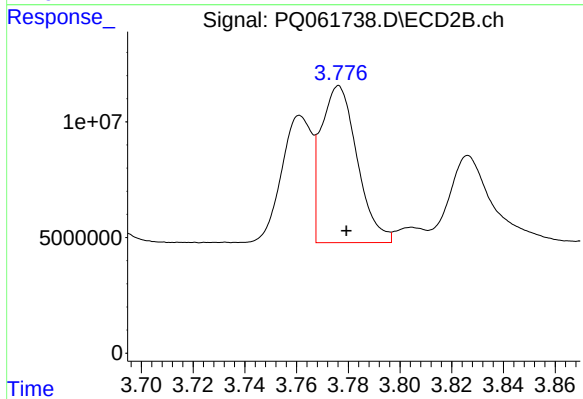
#3 AR-1016-1

R.T.: 3.761 min
Delta R.T.: -0.002 min
Response: 44546902
Conc: 431.90 ng/ml



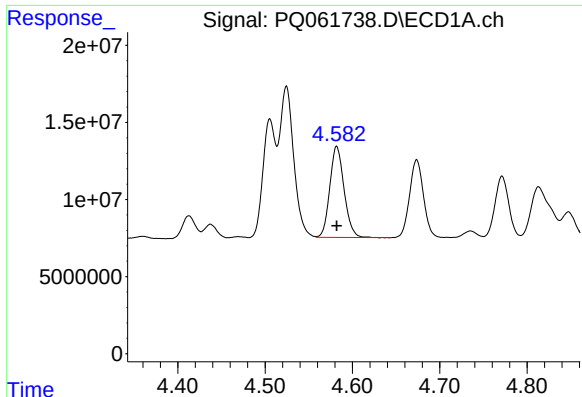
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 110765030
Conc: 485.46 ng/ml



#4 AR-1016-2

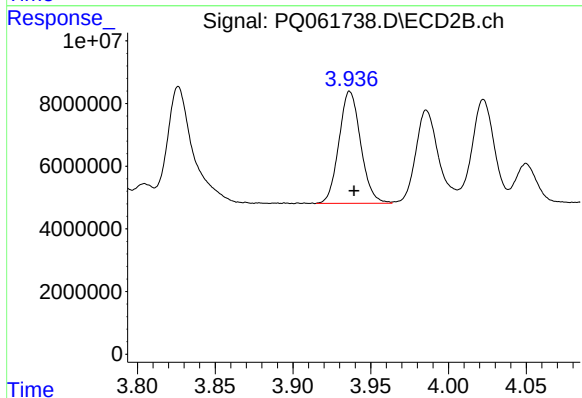
R.T.: 3.776 min
Delta R.T.: -0.003 min
Response: 65858467
Conc: 442.05 ng/ml



#5 AR-1016-3

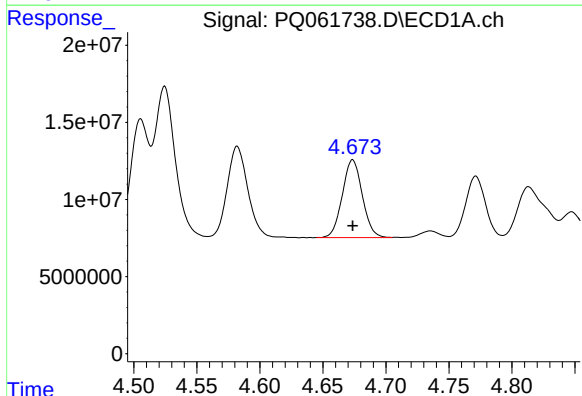
R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 66927427
Conc: 470.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



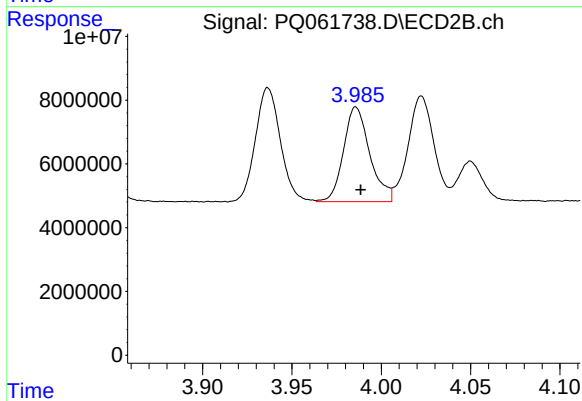
#5 AR-1016-3

R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 34828956
Conc: 440.73 ng/ml



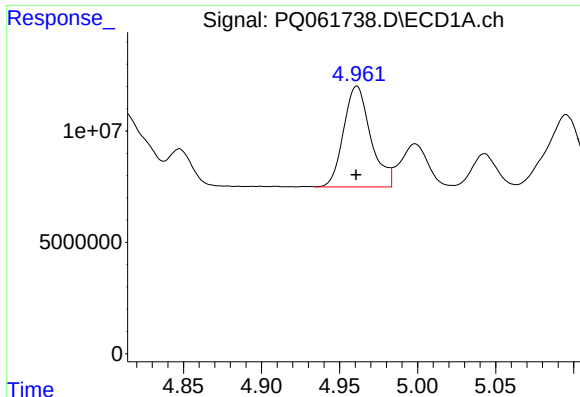
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 55751850
Conc: 484.22 ng/ml



#6 AR-1016-4

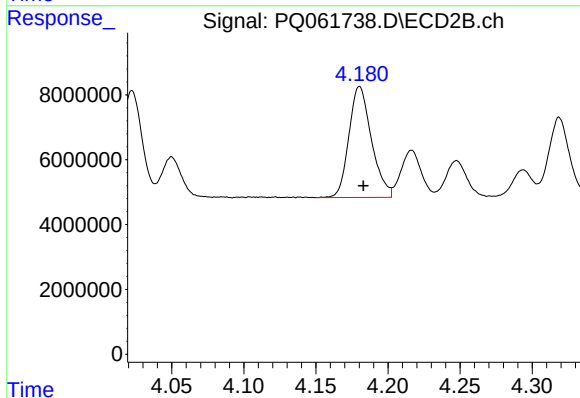
R.T.: 3.986 min
Delta R.T.: -0.003 min
Response: 30436456
Conc: 428.64 ng/ml



#7 AR-1016-5

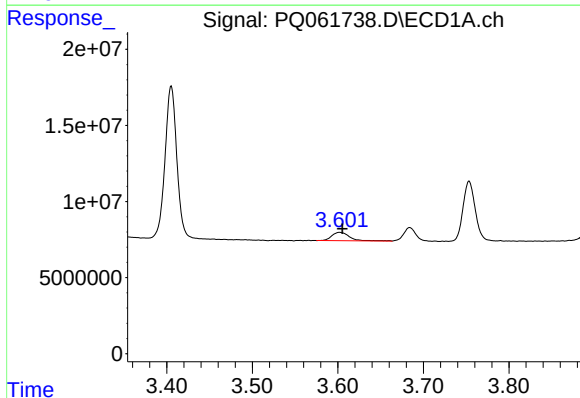
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 54742410
Conc: 473.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



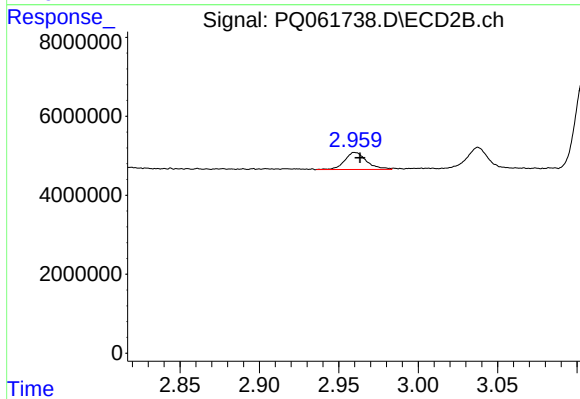
#7 AR-1016-5

R.T.: 4.180 min
Delta R.T.: -0.003 min
Response: 37154666
Conc: 433.98 ng/ml



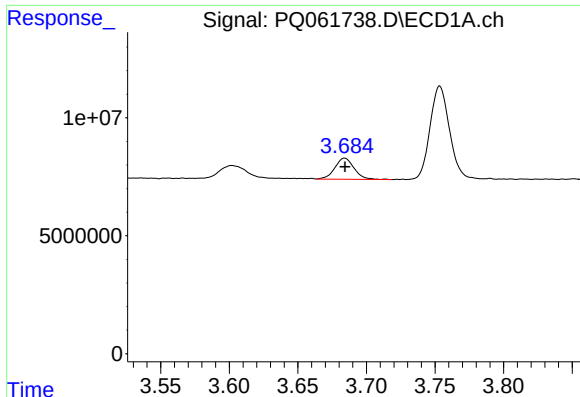
#8 AR-1221-1

R.T.: 3.602 min
Delta R.T.: -0.003 min
Response: 7954528
Conc: 141.76 ng/ml



#8 AR-1221-1

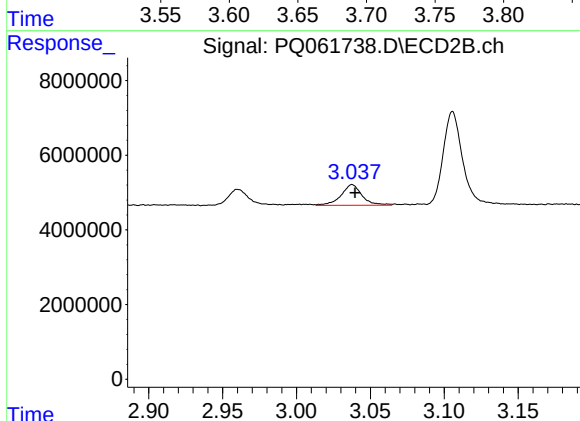
R.T.: 2.960 min
Delta R.T.: -0.003 min
Response: 4193166
Conc: 117.77 ng/ml



#9 AR-1221-2

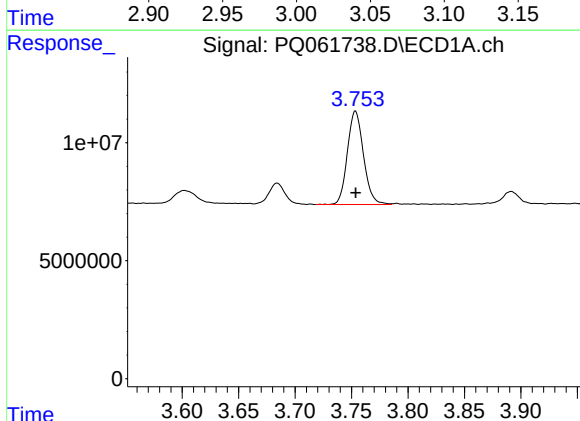
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 8796117
Conc: 208.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



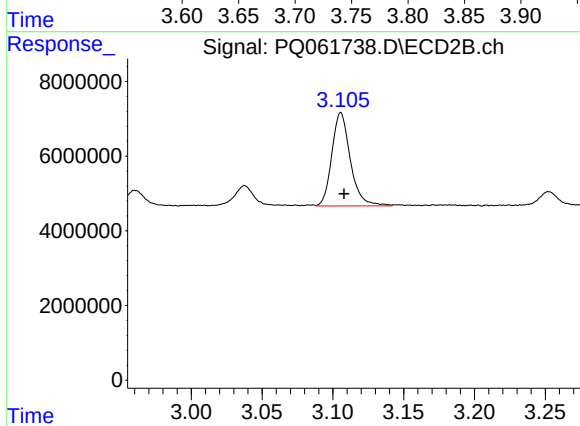
#9 AR-1221-2

R.T.: 3.038 min
Delta R.T.: -0.002 min
Response: 5471497
Conc: 198.66 ng/ml



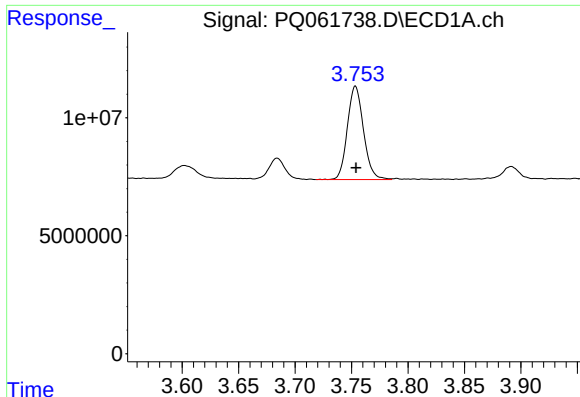
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 39375873
Conc: 300.39 ng/ml



#10 AR-1221-3

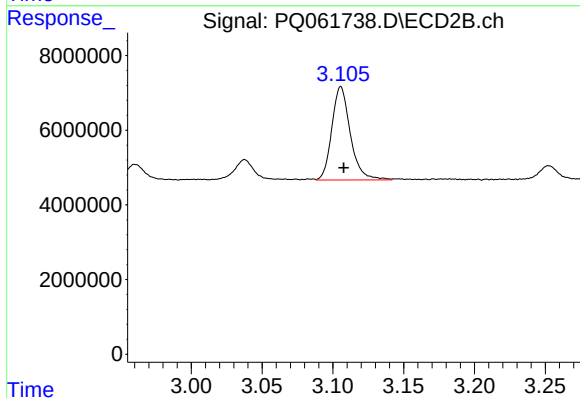
R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 22812257
Conc: 269.20 ng/ml



#11 AR-1232-1

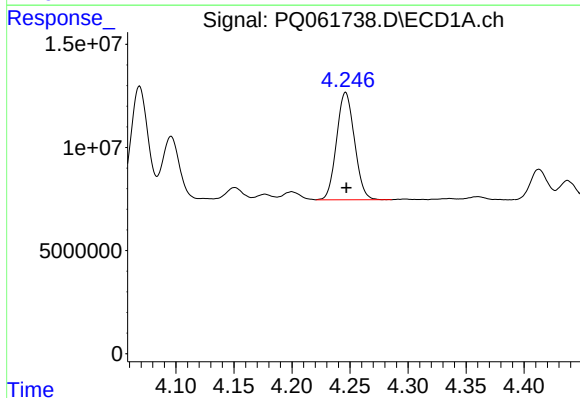
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 39375873
Conc: 411.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



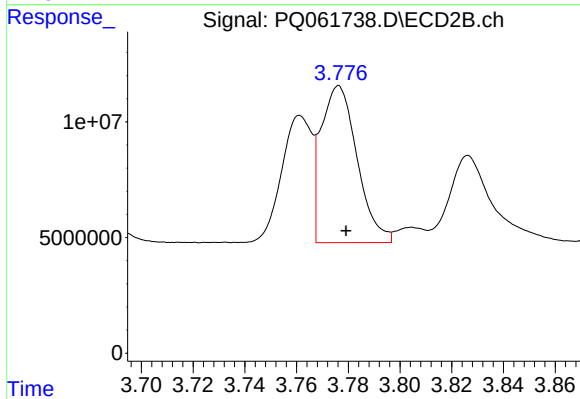
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 22812257
Conc: 370.43 ng/ml



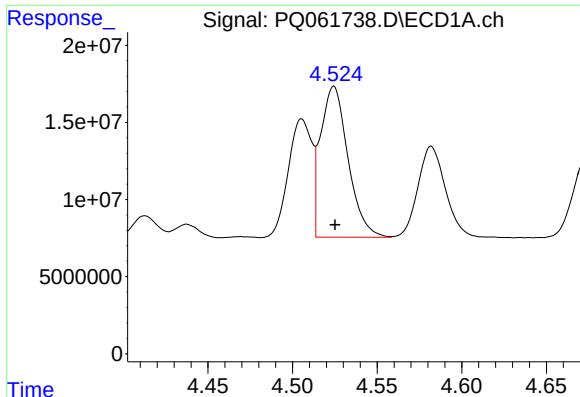
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 55964823
Conc: 1018.73 ng/ml



#12 AR-1232-2

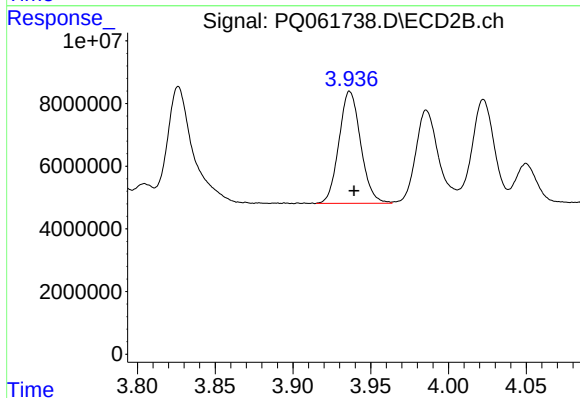
R.T.: 3.776 min
Delta R.T.: -0.003 min
Response: 65858467
Conc: 955.89 ng/ml



#13 AR-1232-3

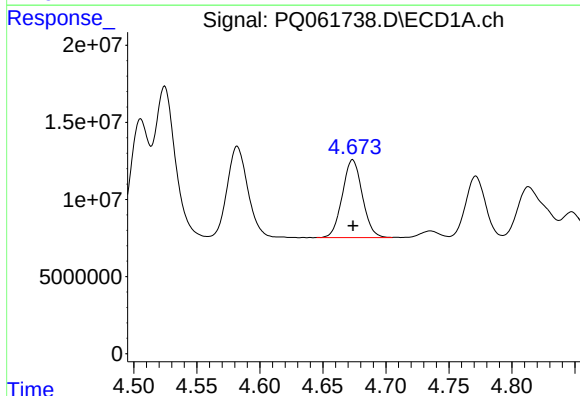
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 110765030
Conc: 1060.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



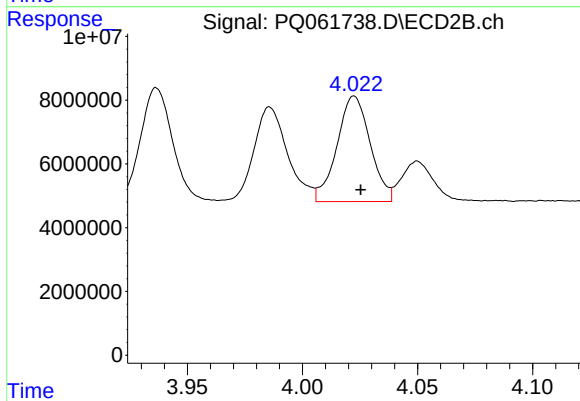
#13 AR-1232-3

R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 34828956
Conc: 963.19 ng/ml



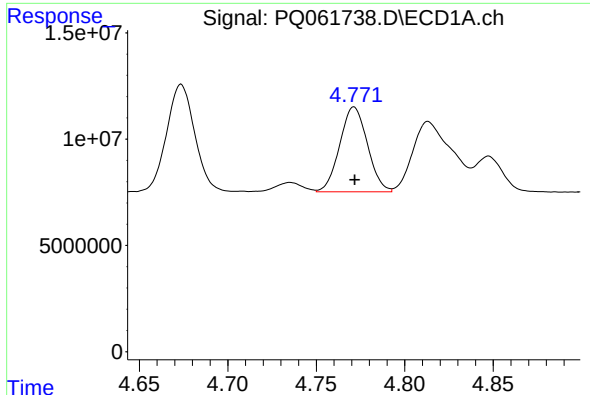
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 55751850
Conc: 1050.78 ng/ml



#14 AR-1232-4

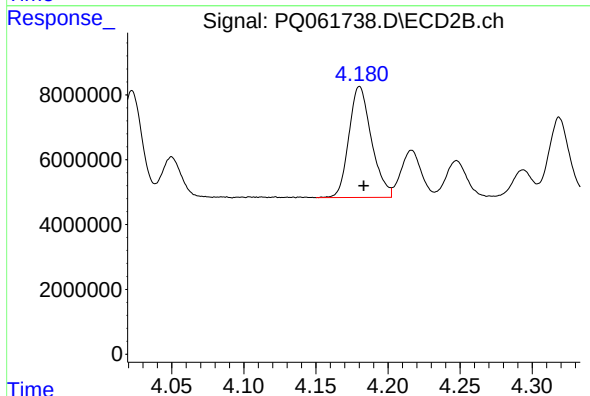
R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 33285979
Conc: 1032.74 ng/ml



#15 AR-1232-5

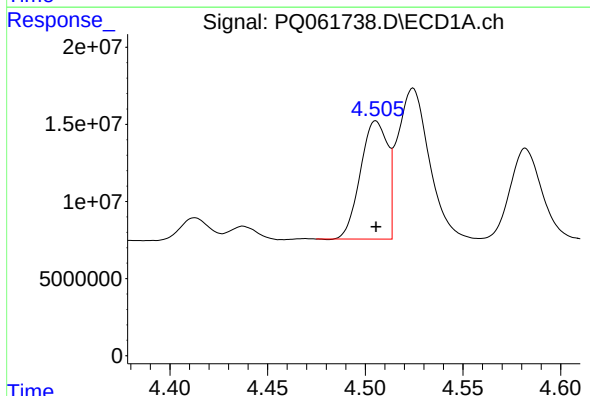
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 43539227
Conc: 1154.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



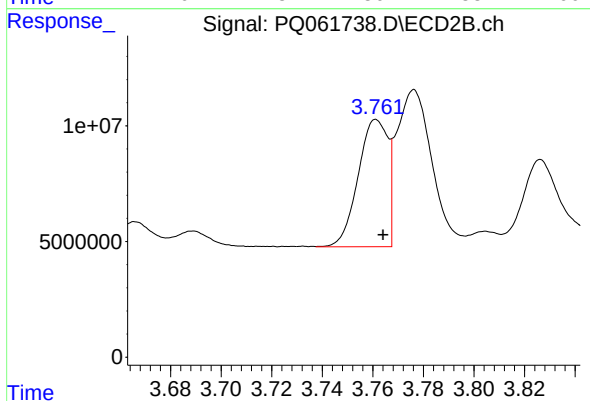
#15 AR-1232-5

R.T.: 4.180 min
Delta R.T.: -0.003 min
Response: 37154666
Conc: 969.48 ng/ml



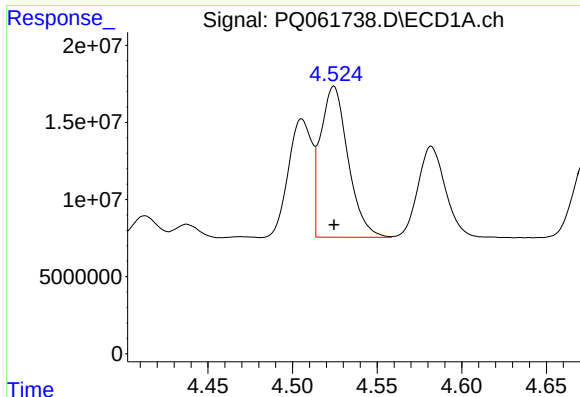
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 73893983
Conc: 651.23 ng/ml



#16 AR-1242-1

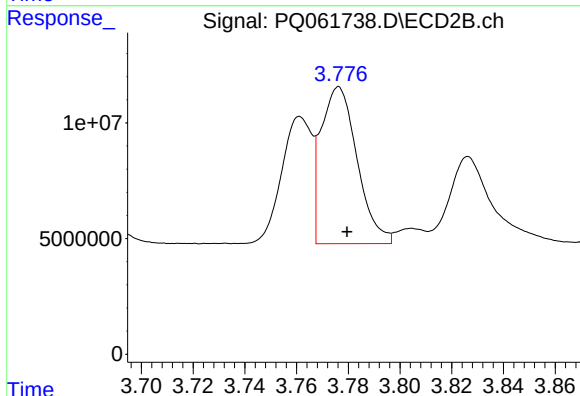
R.T.: 3.761 min
Delta R.T.: -0.003 min
Response: 44546902
Conc: 581.63 ng/ml



#17 AR-1242-2

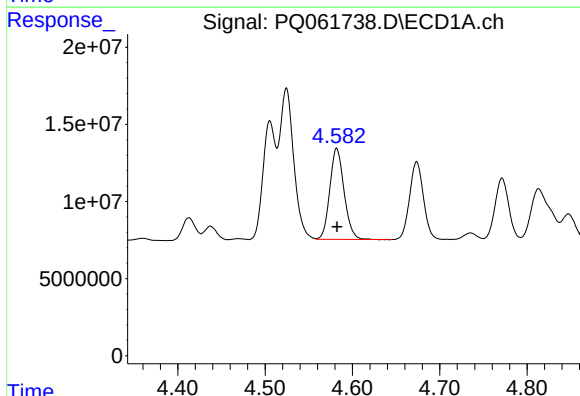
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 110765030
Conc: 652.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



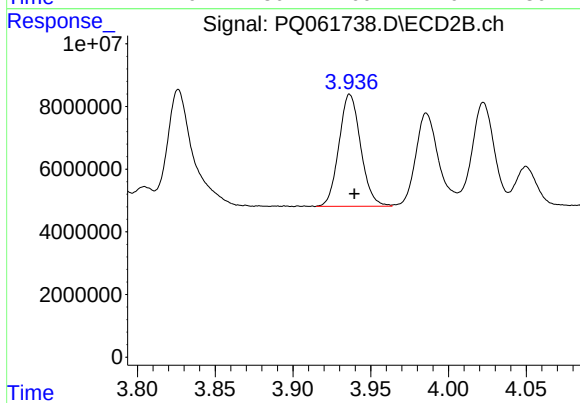
#17 AR-1242-2

R.T.: 3.776 min
Delta R.T.: -0.003 min
Response: 65858467
Conc: 594.26 ng/ml



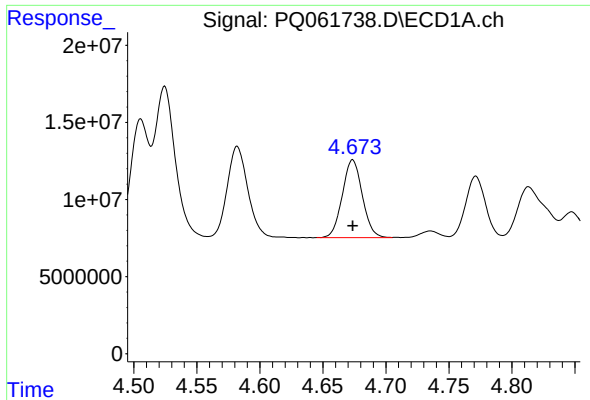
#18 AR-1242-3

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 66927427
Conc: 625.60 ng/ml



#18 AR-1242-3

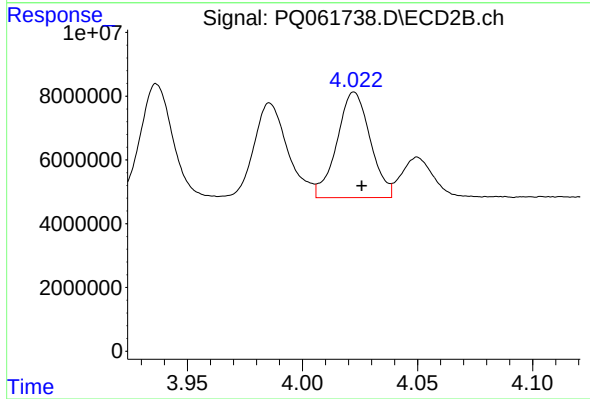
R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 34828956
Conc: 588.50 ng/ml



#19 AR-1242-4

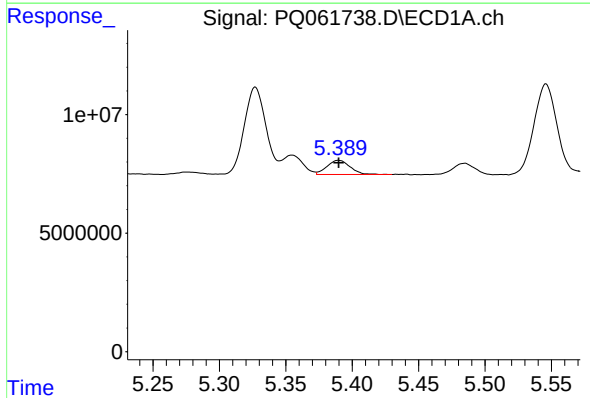
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 55751850
Conc: 642.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



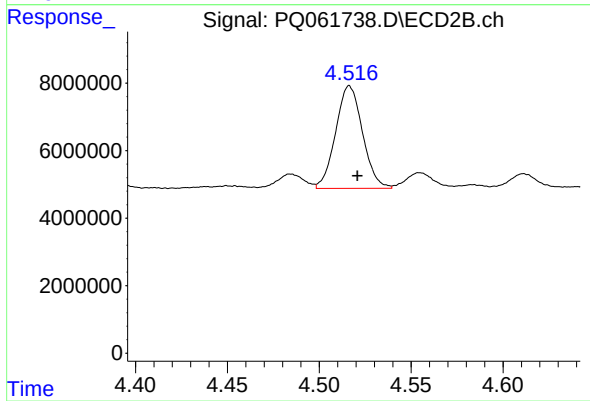
#19 AR-1242-4

R.T.: 4.022 min
Delta R.T.: -0.003 min
Response: 33285979
Conc: 555.83 ng/ml



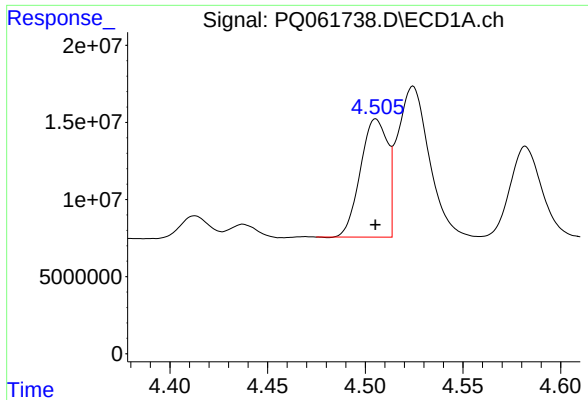
#20 AR-1242-5

R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 7236151
Conc: 81.59 ng/ml



#20 AR-1242-5

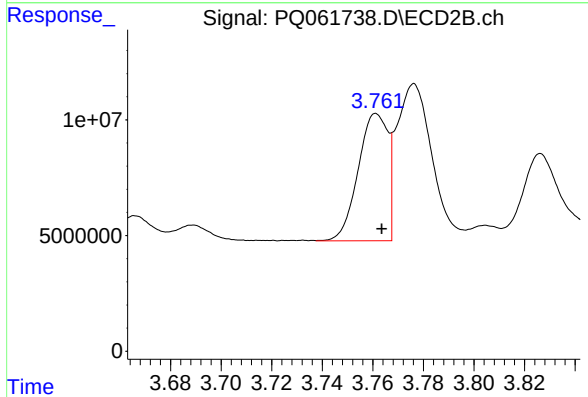
R.T.: 4.516 min
Delta R.T.: -0.004 min
Response: 30972952
Conc: 386.82 ng/ml



#21 AR-1248-1

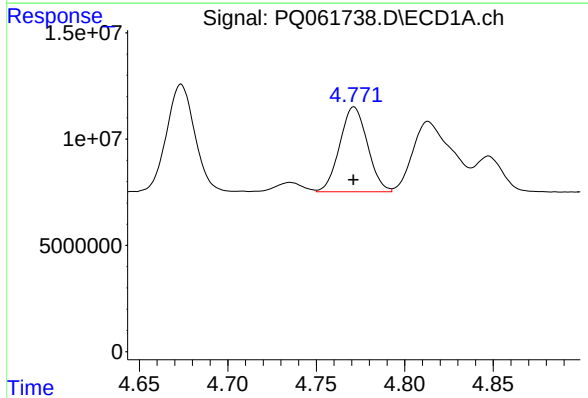
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 73893983
Conc: 820.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



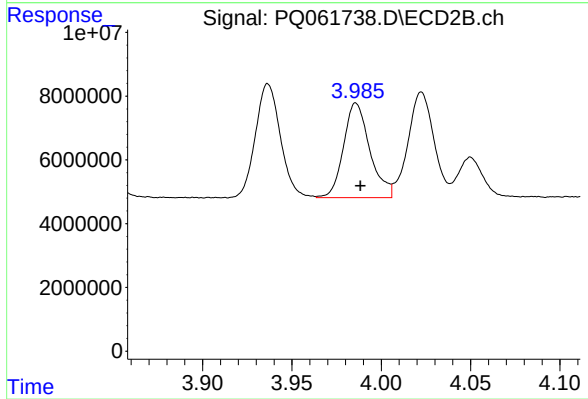
#21 AR-1248-1

R.T.: 3.761 min
Delta R.T.: -0.002 min
Response: 44546902
Conc: 715.78 ng/ml



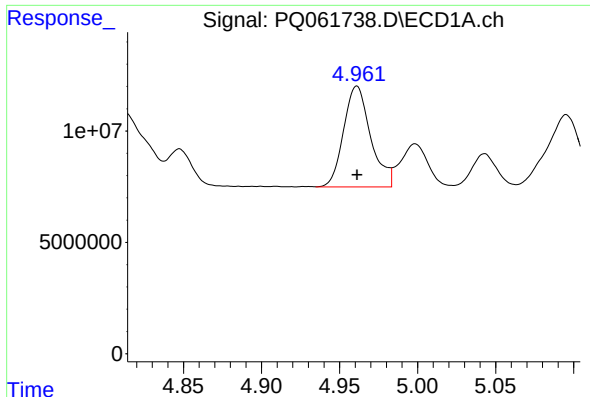
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 43539227
Conc: 342.49 ng/ml



#22 AR-1248-2

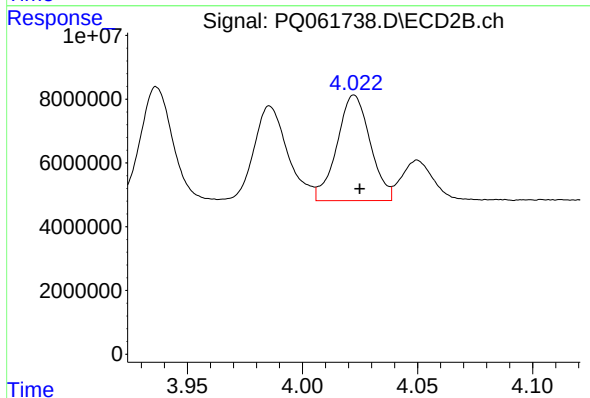
R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 30436456
Conc: 314.89 ng/ml



#23 AR-1248-3

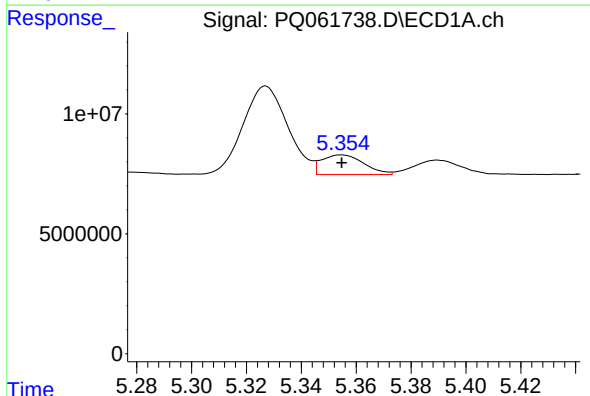
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 54742410
Conc: 355.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



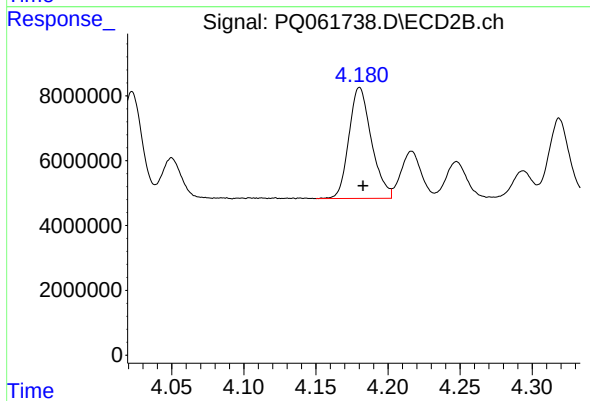
#23 AR-1248-3

R.T.: 4.022 min
Delta R.T.: -0.002 min
Response: 33285979
Conc: 364.13 ng/ml



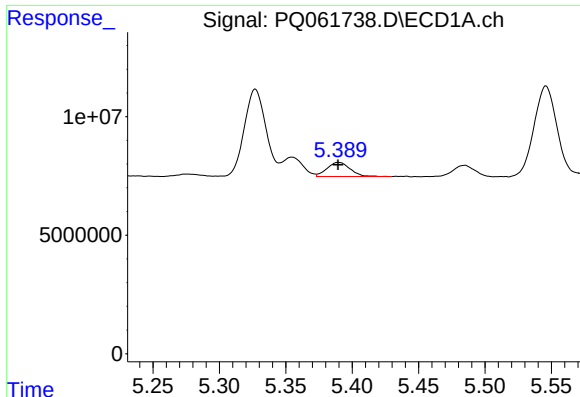
#24 AR-1248-4

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 8706443
Conc: 51.29 ng/ml



#24 AR-1248-4

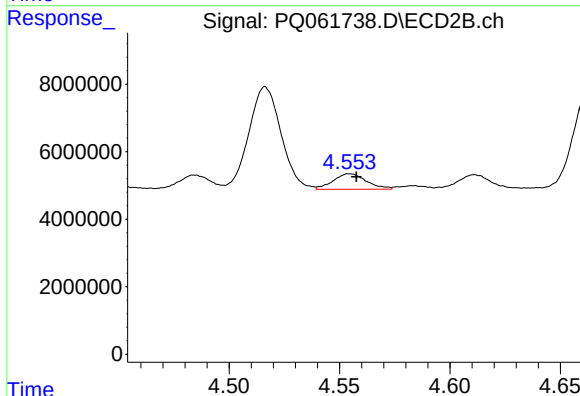
R.T.: 4.180 min
Delta R.T.: -0.002 min
Response: 37154666
Conc: 328.13 ng/ml



#25 AR-1248-5

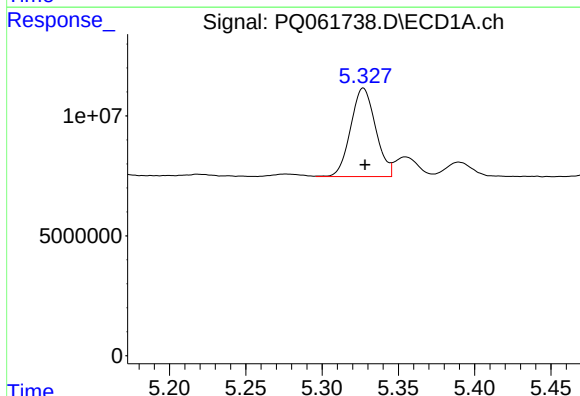
R.T.: 5.390 min
Delta R.T.: 0.000 min
Response: 7236151
Conc: 44.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



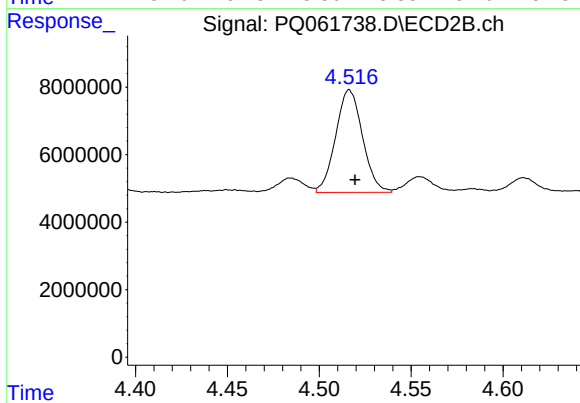
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: -0.003 min
Response: 4834309
Conc: 43.89 ng/ml



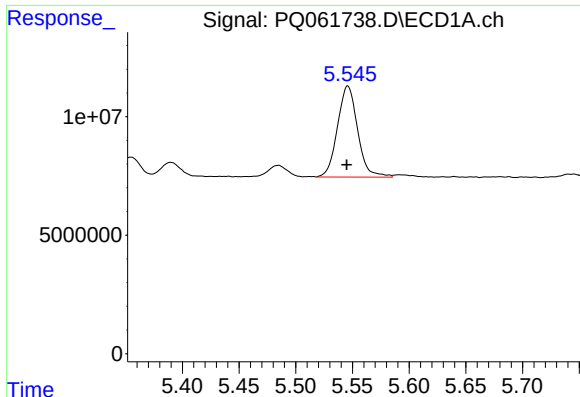
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.001 min
Response: 41922825
Conc: 245.45 ng/ml



#26 AR-1254-1

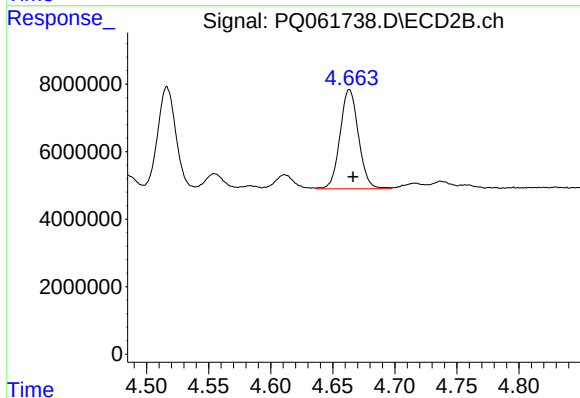
R.T.: 4.516 min
Delta R.T.: -0.003 min
Response: 30972952
Conc: 188.35 ng/ml



#27 AR-1254-2

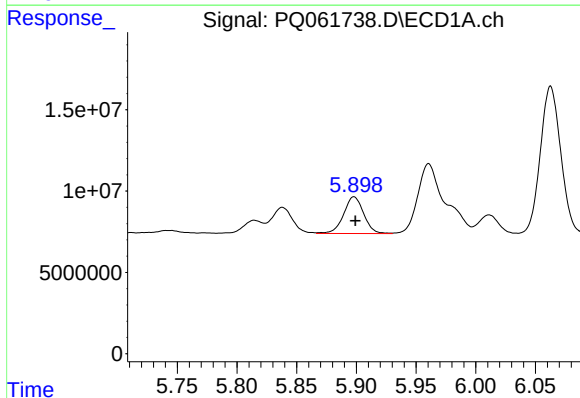
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 47422376
Conc: 177.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



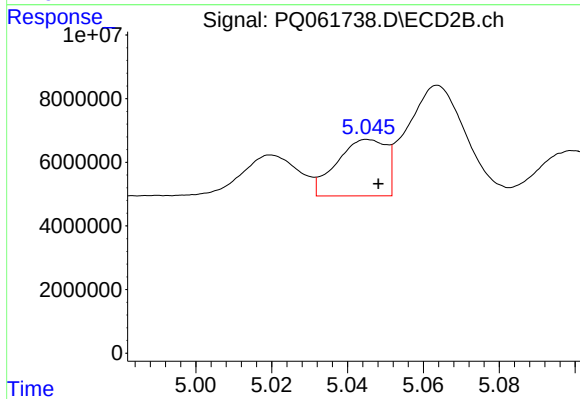
#27 AR-1254-2

R.T.: 4.663 min
Delta R.T.: -0.003 min
Response: 30426055
Conc: 202.29 ng/ml



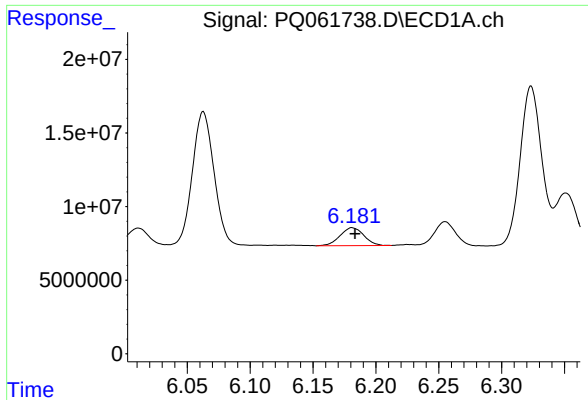
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 26329798
Conc: 94.22 ng/ml



#28 AR-1254-3

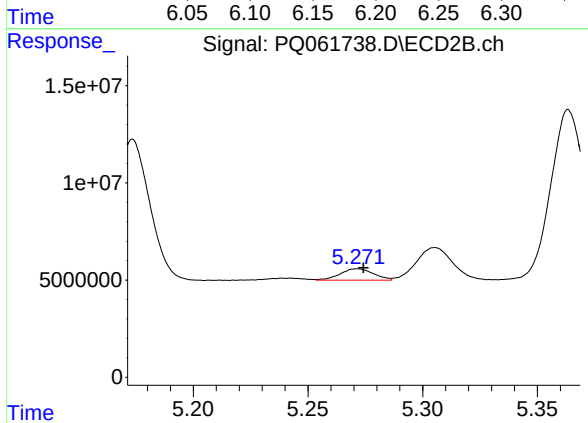
R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 16076368
Conc: 69.09 ng/ml



#29 AR-1254-4

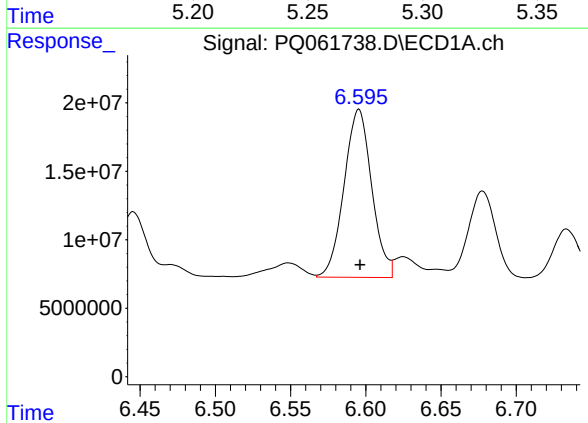
R.T.: 6.181 min
Delta R.T.: -0.002 min
Response: 15934975
Conc: 77.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



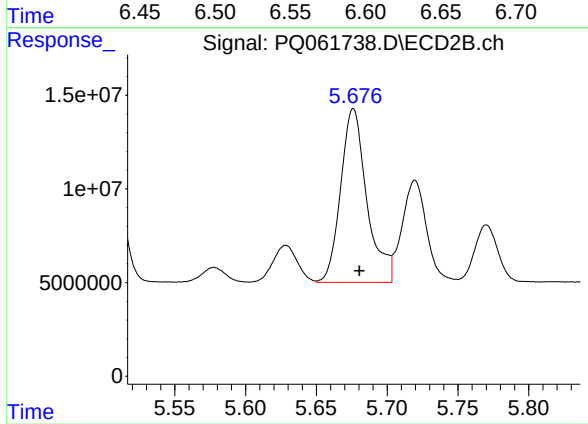
#29 AR-1254-4

R.T.: 5.272 min
Delta R.T.: -0.003 min
Response: 5904147
Conc: 41.10 ng/ml



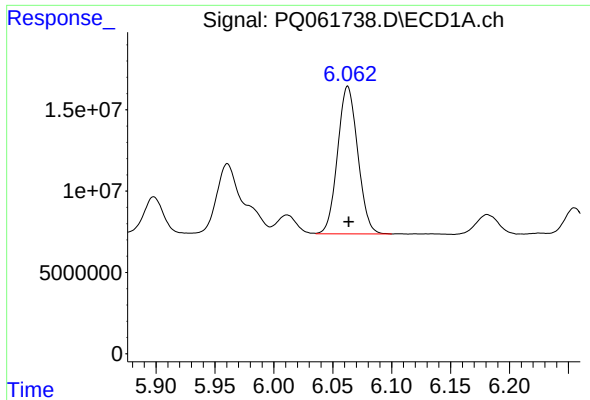
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: 0.000 min
Response: 157235171
Conc: 666.58 ng/ml



#30 AR-1254-5

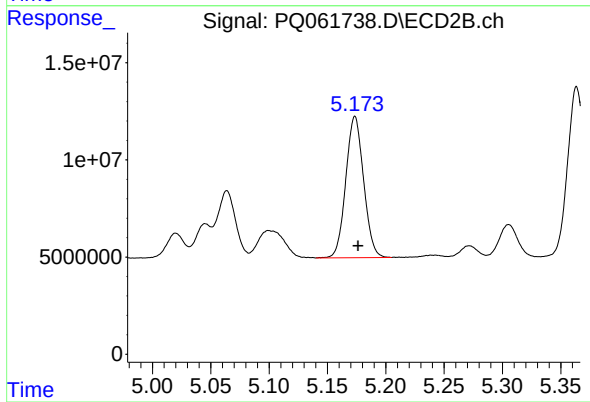
R.T.: 5.676 min
Delta R.T.: -0.004 min
Response: 119482775
Conc: 523.79 ng/ml



#31 AR-1260-1

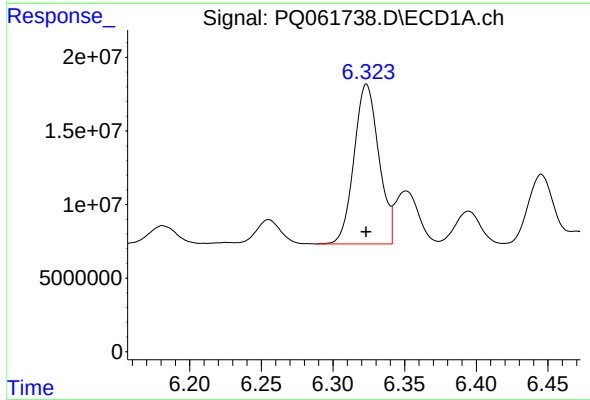
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 108341183
Conc: 487.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



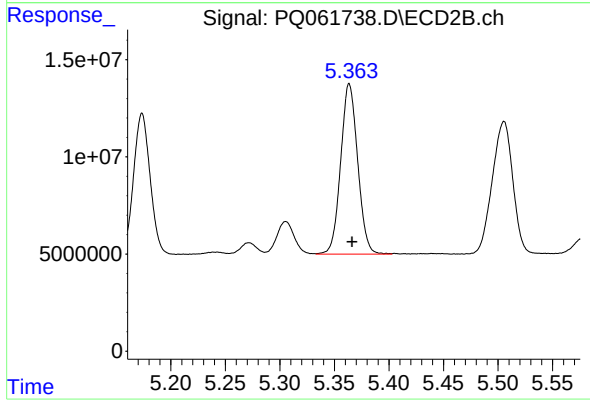
#31 AR-1260-1

R.T.: 5.174 min
Delta R.T.: -0.003 min
Response: 77356551
Conc: 449.72 ng/ml



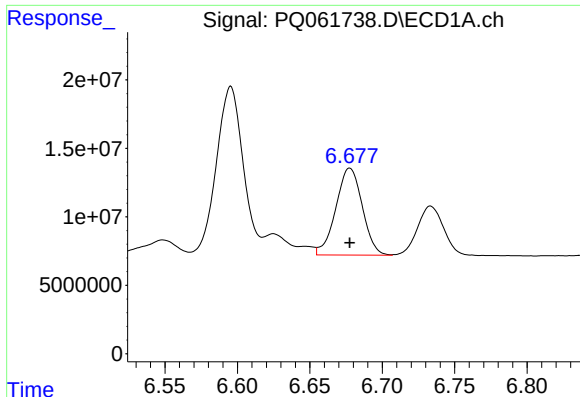
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 130713502
Conc: 491.32 ng/ml



#32 AR-1260-2

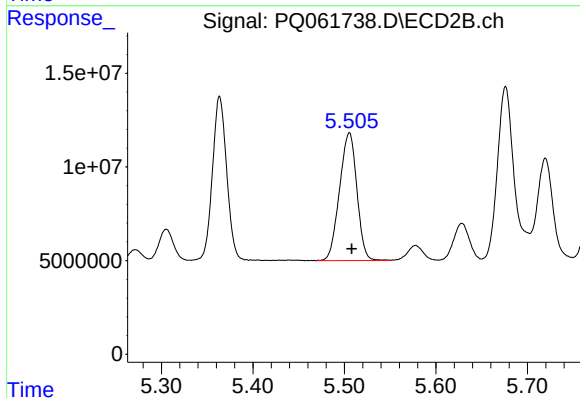
R.T.: 5.364 min
Delta R.T.: -0.003 min
Response: 95194362
Conc: 459.36 ng/ml



#33 AR-1260-3

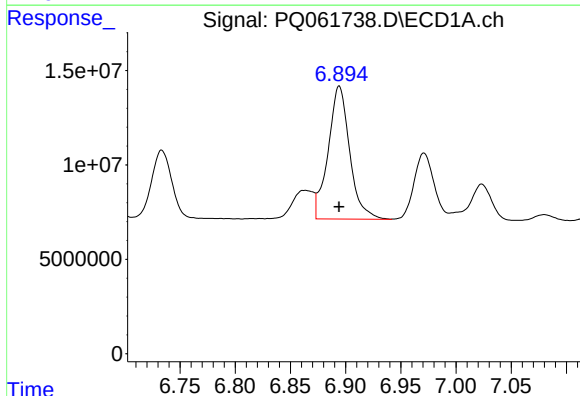
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 80667396
Conc: 479.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



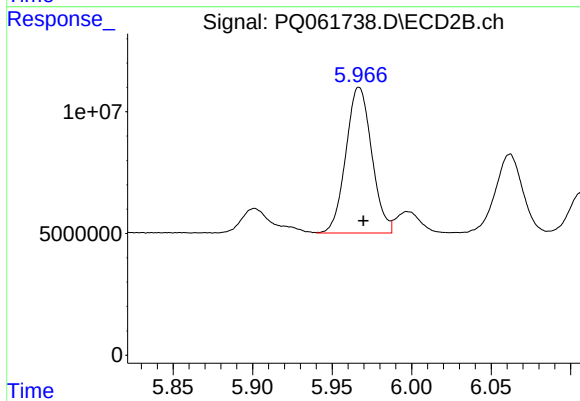
#33 AR-1260-3

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 90022986
Conc: 453.26 ng/ml



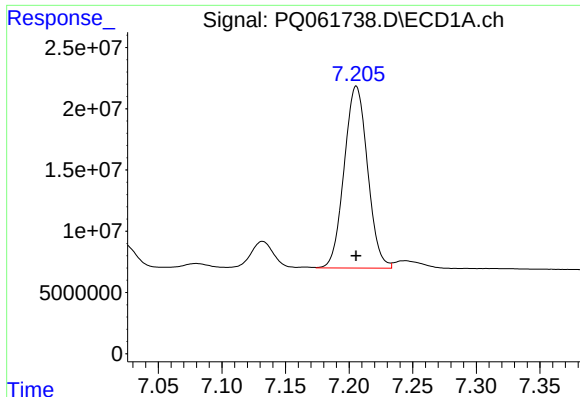
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 95712679
Conc: 476.90 ng/ml



#34 AR-1260-4

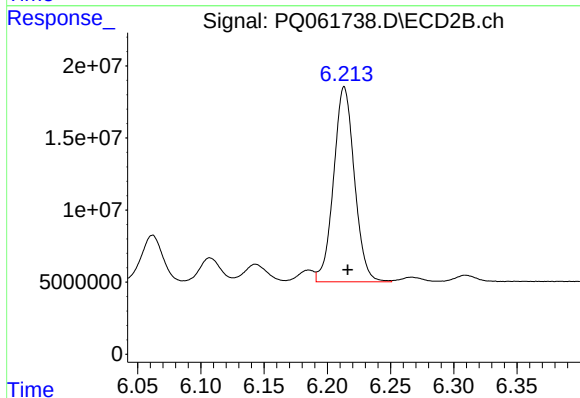
R.T.: 5.967 min
Delta R.T.: -0.003 min
Response: 67819865
Conc: 461.03 ng/ml



#35 AR-1260-5

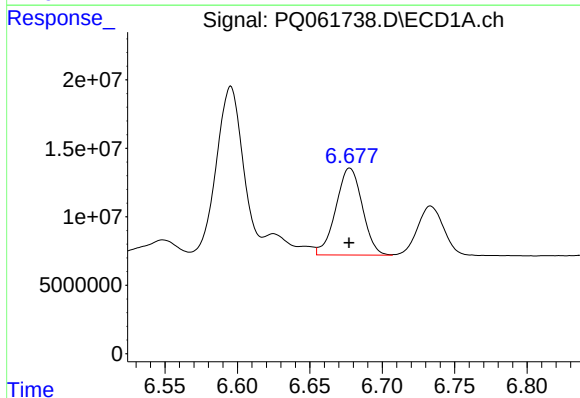
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 190106989
Conc: 499.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



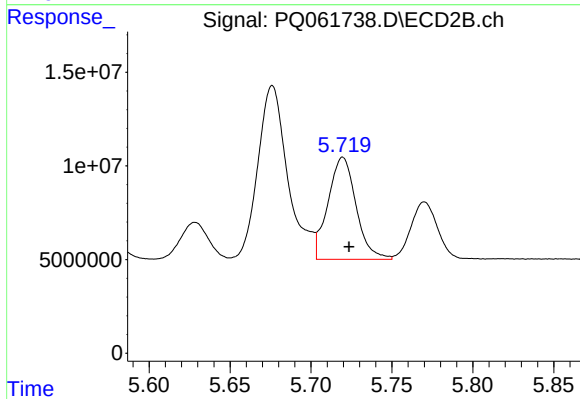
#35 AR-1260-5

R.T.: 6.213 min
Delta R.T.: -0.003 min
Response: 155115148
Conc: 477.70 ng/ml



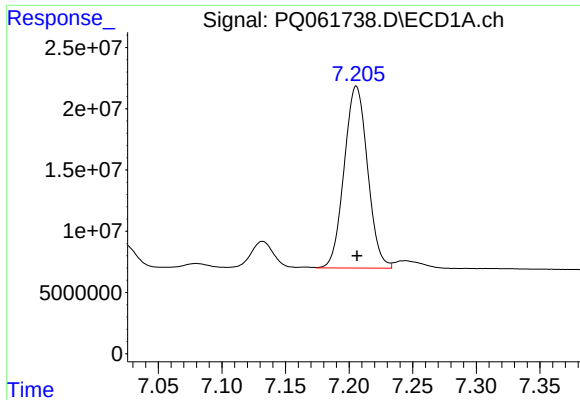
#36 AR-1262-1

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 80667396
Conc: 269.43 ng/ml



#36 AR-1262-1

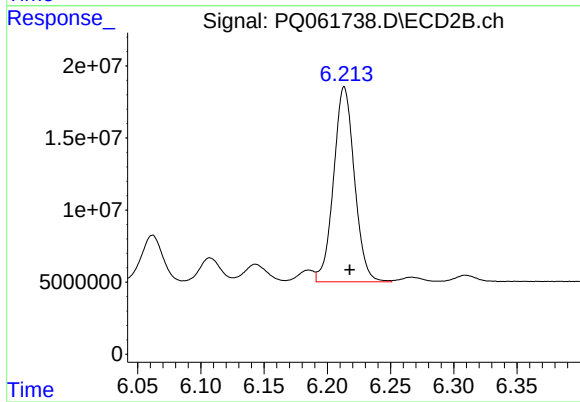
R.T.: 5.720 min
Delta R.T.: -0.004 min
Response: 65801425
Conc: 271.52 ng/ml



#37 AR-1262-2

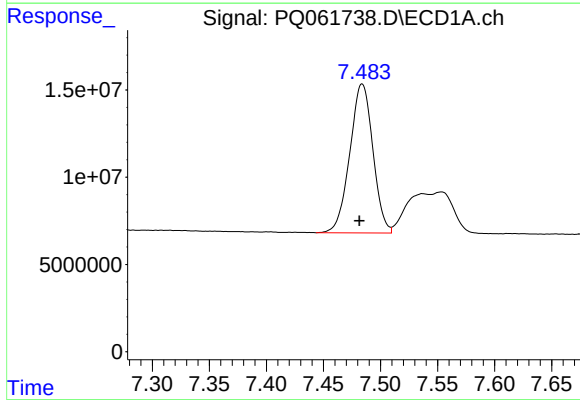
R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 190106989
Conc: 377.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



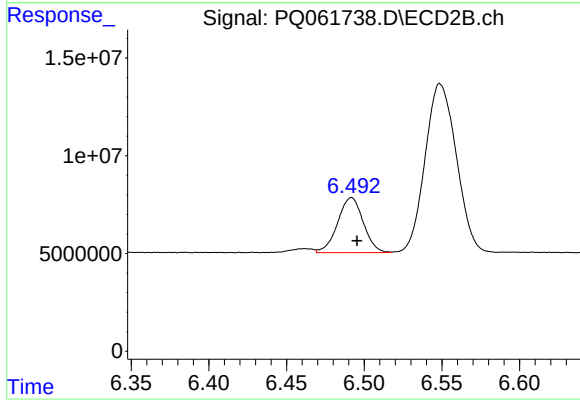
#37 AR-1262-2

R.T.: 6.213 min
Delta R.T.: -0.004 min
Response: 155115148
Conc: 354.91 ng/ml



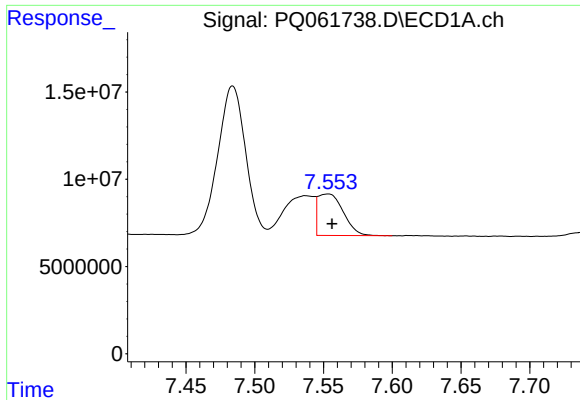
#38 AR-1262-3

R.T.: 7.484 min
Delta R.T.: 0.002 min
Response: 120122492
Conc: 355.45 ng/ml



#38 AR-1262-3

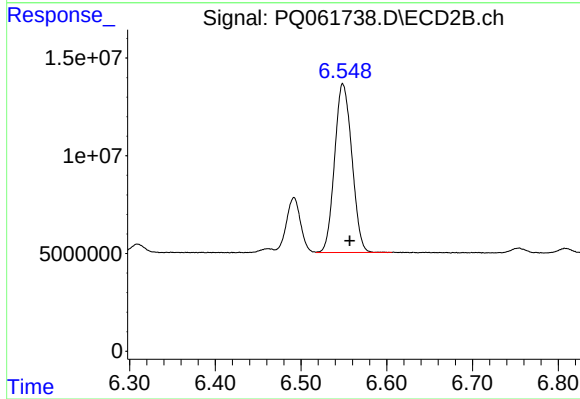
R.T.: 6.492 min
Delta R.T.: -0.003 min
Response: 32416851
Conc: 179.88 ng/ml



#39 AR-1262-4

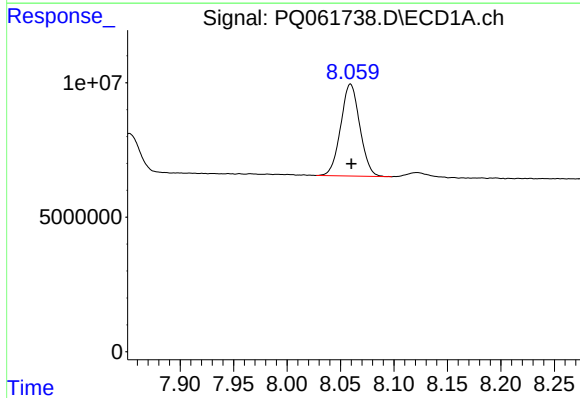
R.T.: 7.553 min
Delta R.T.: -0.003 min
Response: 30418606
Conc: 118.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



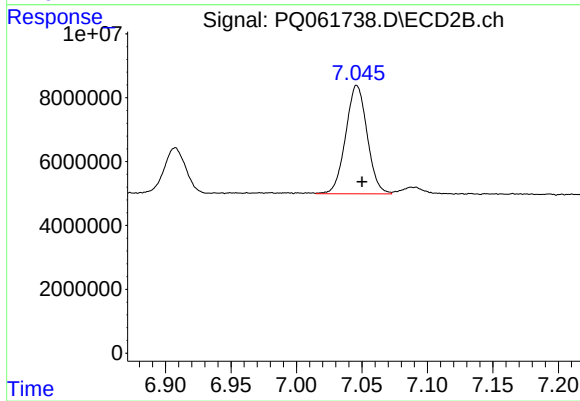
#39 AR-1262-4

R.T.: 6.549 min
Delta R.T.: -0.008 min
Response: 120975832
Conc: 364.79 ng/ml



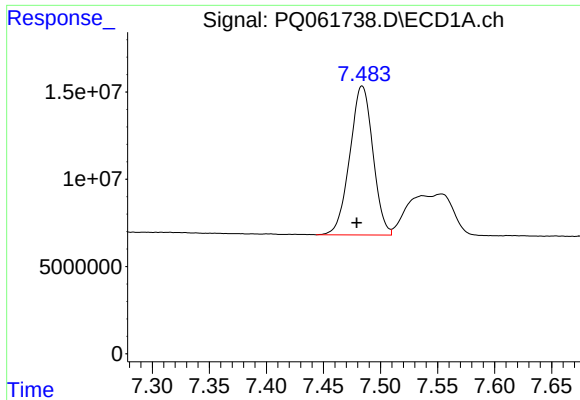
#40 AR-1262-5

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 42600705
Conc: 250.14 ng/ml



#40 AR-1262-5

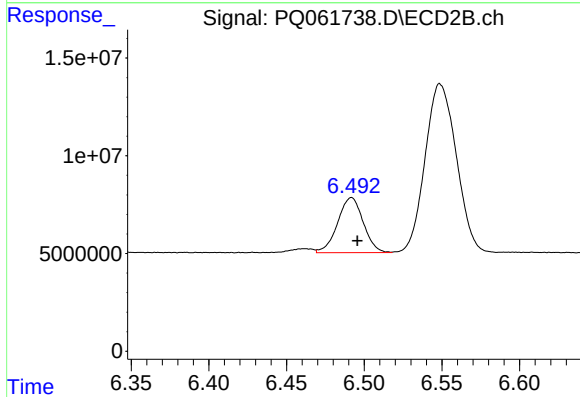
R.T.: 7.046 min
Delta R.T.: -0.004 min
Response: 38875723
Conc: 242.34 ng/ml



#41 AR-1268-1

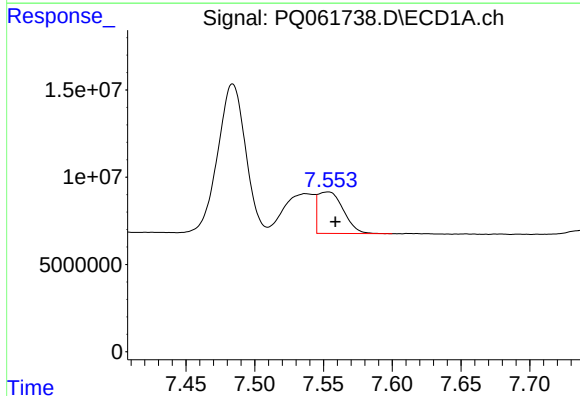
R.T.: 7.484 min
Delta R.T.: 0.005 min
Response: 120122492
Conc: 218.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



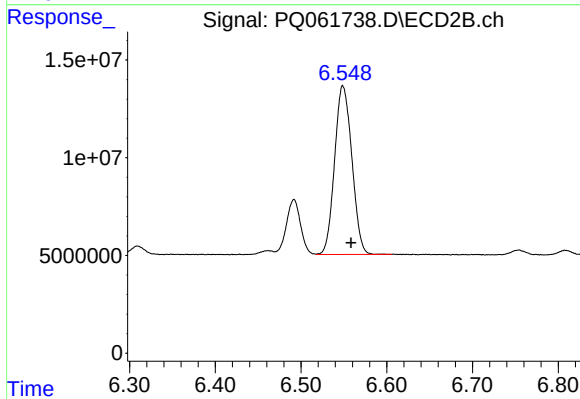
#41 AR-1268-1

R.T.: 6.492 min
Delta R.T.: -0.004 min
Response: 32416851
Conc: 65.98 ng/ml



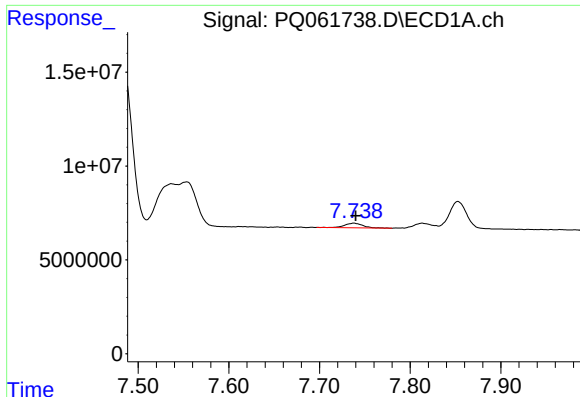
#42 AR-1268-2

R.T.: 7.553 min
Delta R.T.: -0.005 min
Response: 30418606
Conc: 61.73 ng/ml



#42 AR-1268-2

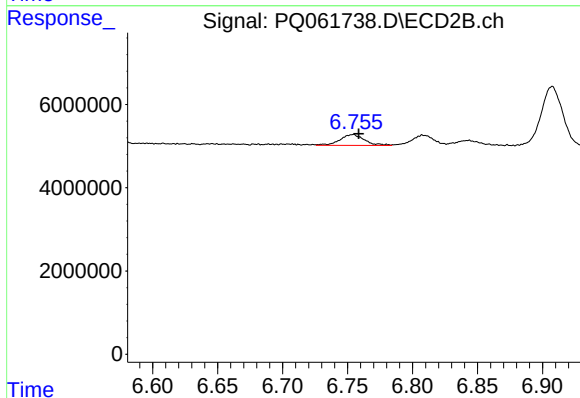
R.T.: 6.549 min
Delta R.T.: -0.009 min
Response: 120975832
Conc: 271.92 ng/ml



#43 AR-1268-3

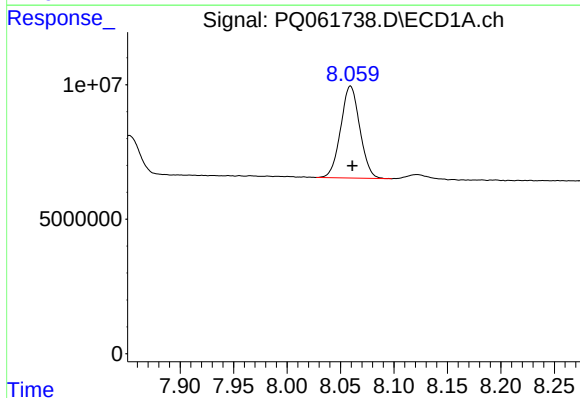
R.T.: 7.738 min
Delta R.T.: -0.002 min
Response: 3479638
Conc: 8.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



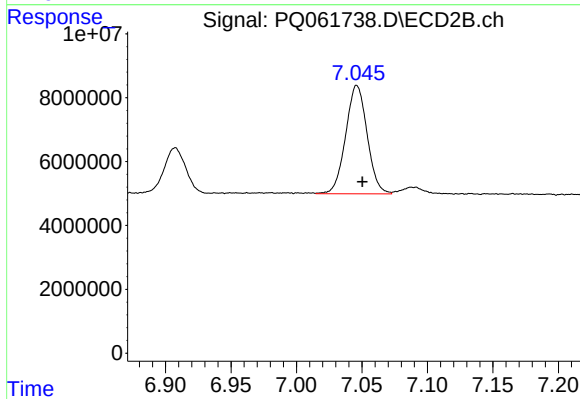
#43 AR-1268-3

R.T.: 6.754 min
Delta R.T.: -0.004 min
Response: 3446568
Conc: 8.80 ng/ml



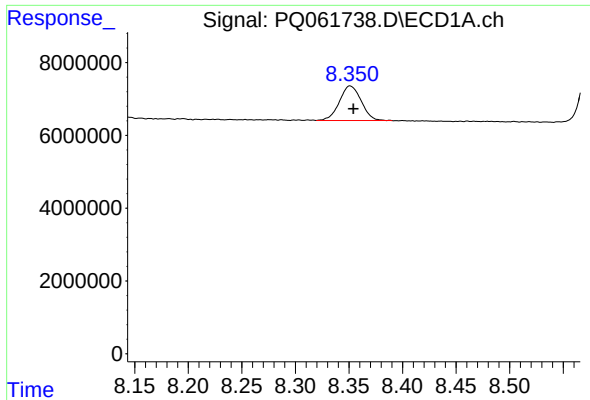
#44 AR-1268-4

R.T.: 8.059 min
Delta R.T.: -0.002 min
Response: 42600705
Conc: 240.67 ng/ml



#44 AR-1268-4

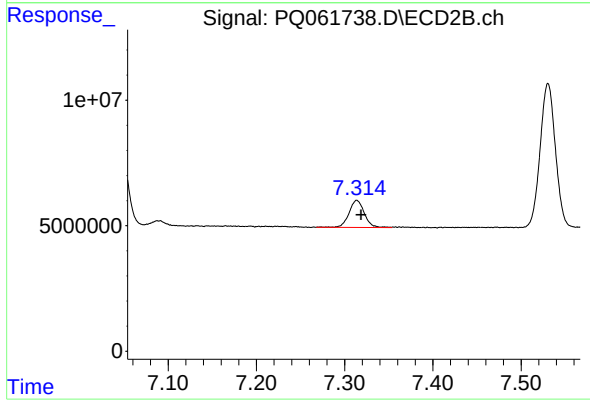
R.T.: 7.046 min
Delta R.T.: -0.004 min
Response: 38875723
Conc: 231.57 ng/ml



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: -0.003 min
Response: 13442707
Conc: 11.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.314 min
Delta R.T.: -0.005 min
Response: 13018902
Conc: 10.50 ng/ml