

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062923\
 Data File : PQ061739.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jun 2023 14:22
 Operator : YP\AJ
 Sample : PB153883BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 20:29:30 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...	3.404	2.759	95668771	49192248	21.283	18.422
2)	SA Decachlor...	8.585	7.529	72909545	68682913	21.644	20.463
Target Compounds							
3)	L1 AR-1016-1	4.505	3.762	74443382	44258738	483.561	429.107
4)	L1 AR-1016-2	4.524	3.777	111.3E6	65508365	487.840	439.699
5)	L1 AR-1016-3	4.581	3.937	67566945	34343691	475.484	434.589
6)	L1 AR-1016-4	4.674	3.986	55205322	29823320	479.472	420.003
7)	L1 AR-1016-5	4.961	4.181	53816274	36634836	465.649	427.909
8)	L2 AR-1221-1	3.601	2.961	7018276	3994157	125.079	112.176
9)	L2 AR-1221-2	3.684	3.038	9050075	5312847	214.456	192.897
10)	L2 AR-1221-3	3.753	3.106	39685532	22944778	302.755	270.765
11)	L3 AR-1232-1	3.753	3.106	39685532	22944778	415.171	372.584
12)	L3 AR-1232-2	4.246	3.777	55053462	65508365	1002.144	950.806
13)	L3 AR-1232-3	4.524	3.937	111.3E6	34343691	1065.558	949.765
14)	L3 AR-1232-4	4.674	4.023	55205322	33029940	1040.480	1024.793
15)	L3 AR-1232-5	4.771	4.181	43264250	36634836	1147.214	955.917
16)	L4 AR-1242-1	4.505	3.762	74443382	44258738	656.071	577.872
17)	L4 AR-1242-2	4.524	3.777	111.3E6	65508365	655.530	591.102
18)	L4 AR-1242-3	4.581	3.937	67566945	34343691	631.580	580.302
19)	L4 AR-1242-4	4.674	4.023	55205322	33029940	636.079	551.551
20)	L4 AR-1242-5	5.389	4.516	7055293	30707025	79.551	383.503 #
21)	L5 AR-1248-1	4.505	3.762	74443382	44258738	826.194	711.149
22)	L5 AR-1248-2	4.771	3.986	43264250	29823320	340.327	308.550
23)	L5 AR-1248-3	4.961	4.023	53816274	33029940	349.364	361.326
24)	L5 AR-1248-4	5.354	4.181	8030664	36634836	47.309	323.540 #
25)	L5 AR-1248-5	5.389	4.554	7055293	5147078	43.065	46.734
26)	L6 AR-1254-1	5.327	4.516	41869517	30707025	245.136	186.730
27)	L6 AR-1254-2	5.545	4.663	47009417	30821121	175.812	204.920
28)	L6 AR-1254-3	5.898	5.045	25381923	15463167	90.830	66.452 #
29)	L6 AR-1254-4	6.181	5.271	16236864	5887315	79.326	40.978 #
30)	L6 AR-1254-5	6.595	5.676	156.2E6	117.7E6	662.190	516.044
31)	L7 AR-1260-1	6.063	5.174	107.4E6	76480808	483.380	444.631
32)	L7 AR-1260-2	6.323	5.364	129.7E6	94073499	487.441	453.949
33)	L7 AR-1260-3	6.677	5.504	79285103	89146922	471.521	448.846
34)	L7 AR-1260-4	6.894	5.967	94573080	67500434	471.226	458.857
35)	L7 AR-1260-5	7.205	6.213	186.8E6	152.5E6	490.914	469.773
36)	L8 AR-1262-1	6.677	5.719	79285103	66753601	264.816	275.446
37)	L8 AR-1262-2	7.205	6.213	186.8E6	152.5E6	370.578	349.021
38)	L8 AR-1262-3	7.485	6.491	119.0E6	32142335	352.116	178.353 #
39)	L8 AR-1262-4	7.555	6.548	31188029	119.1E6	121.441	359.222 #
40)	L8 AR-1262-5	8.060	7.046	41927456	38464391	246.185	239.773
41)	L9 AR-1268-1	7.485	6.491	119.0E6	32142335	216.062	65.423 #

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 Acq On : 29 Jun 2023 14:22
 Operator : YP\AJ
 Sample : PB153883BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

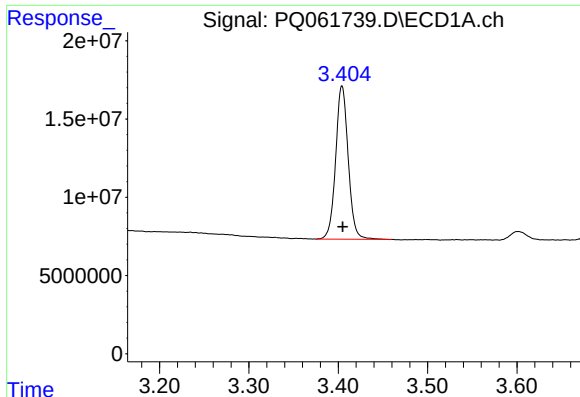
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 20:29:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jun 09 18:19:31 2023
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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
42) L9	AR-1268-2	7.555	6.548	31188029	119.1E6	63.295	267.772 #
43) L9	AR-1268-3	7.737	6.754	3091424	3067849	7.497	7.837
44) L9	AR-1268-4	8.060	7.046	41927456	38464391	236.868	229.119
45) L9	AR-1268-5	8.352	7.314	13001259	12372939	10.939	9.978

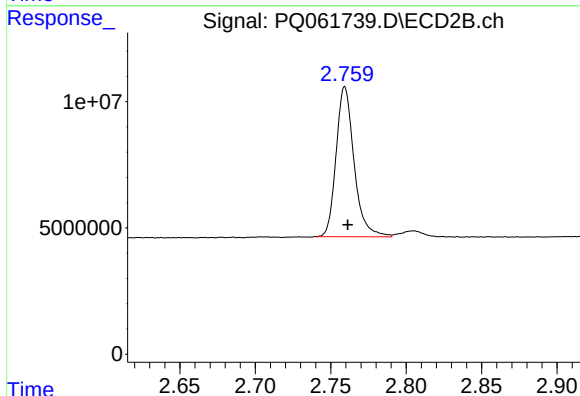
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

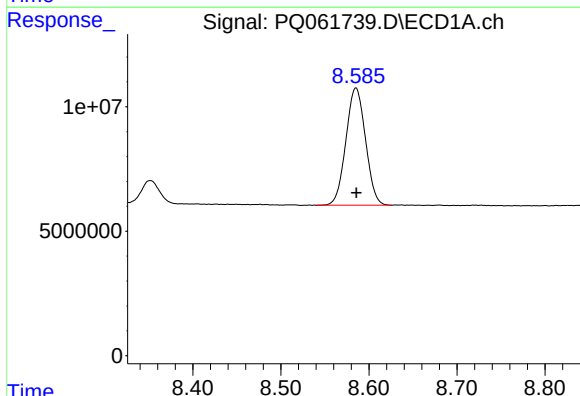
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 95668771
Conc: 21.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



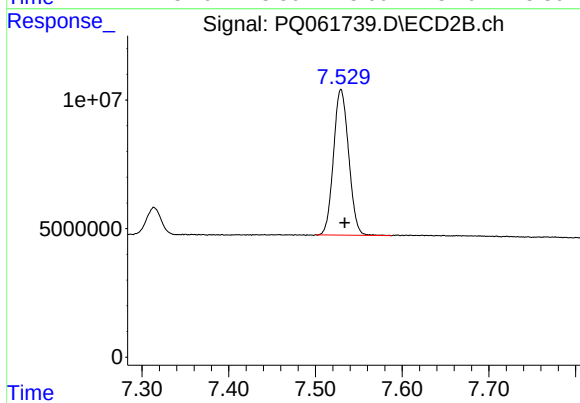
#1 Tetrachloro-m-xylene

R.T.: 2.759 min
Delta R.T.: -0.002 min
Response: 49192248
Conc: 18.42 ng/ml



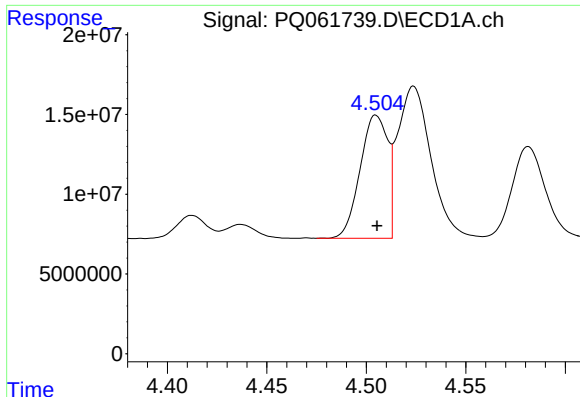
#2 Decachlorobiphenyl

R.T.: 8.585 min
Delta R.T.: 0.000 min
Response: 72909545
Conc: 21.64 ng/ml



#2 Decachlorobiphenyl

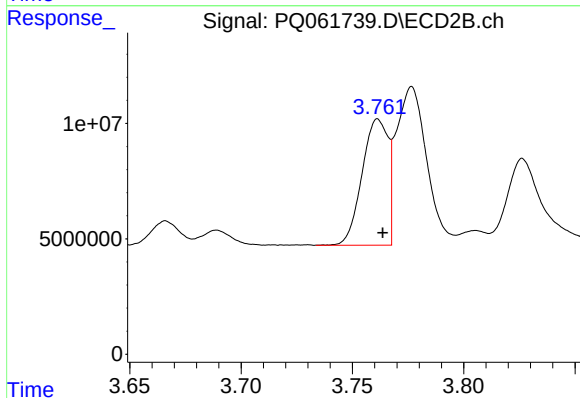
R.T.: 7.529 min
Delta R.T.: -0.004 min
Response: 68682913
Conc: 20.46 ng/ml



#3 AR-1016-1

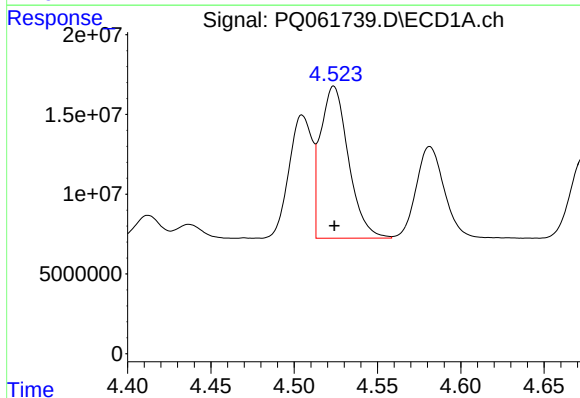
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 74443382
Conc: 483.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



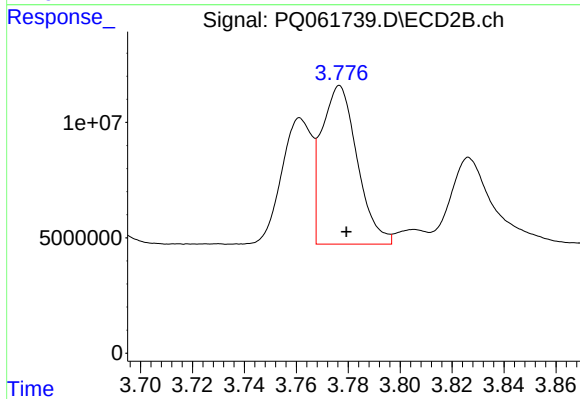
#3 AR-1016-1

R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 44258738
Conc: 429.11 ng/ml



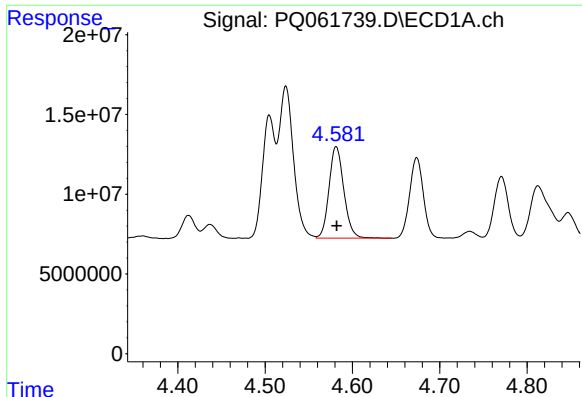
#4 AR-1016-2

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 111307995
Conc: 487.84 ng/ml



#4 AR-1016-2

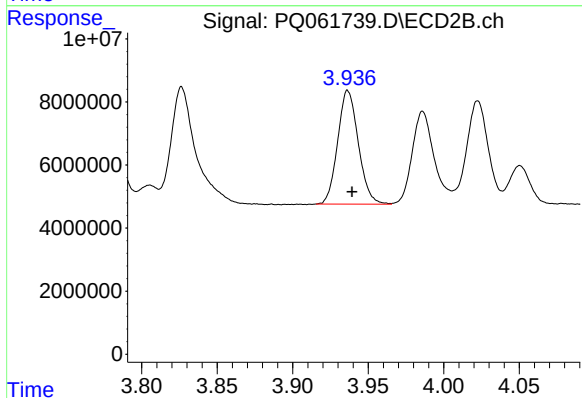
R.T.: 3.777 min
Delta R.T.: -0.003 min
Response: 65508365
Conc: 439.70 ng/ml



#5 AR-1016-3

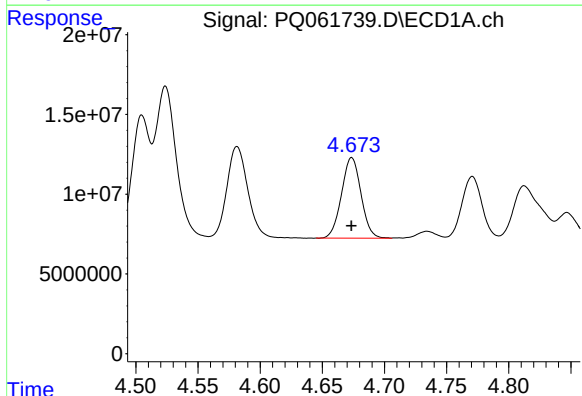
R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 67566945
Conc: 475.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



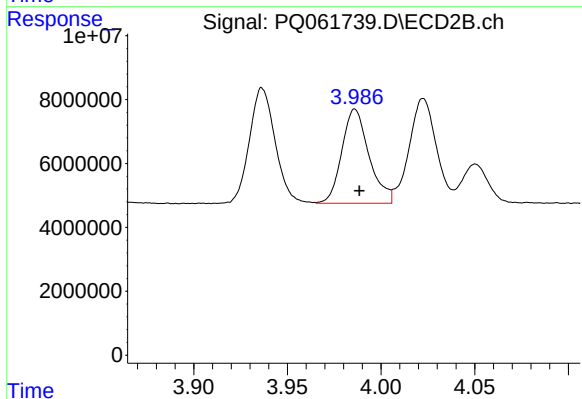
#5 AR-1016-3

R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 34343691
Conc: 434.59 ng/ml



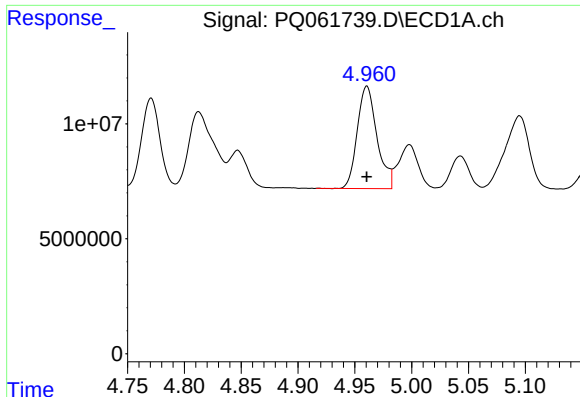
#6 AR-1016-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 55205322
Conc: 479.47 ng/ml



#6 AR-1016-4

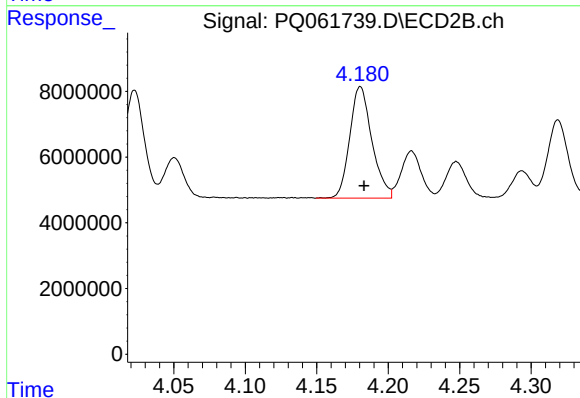
R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 29823320
Conc: 420.00 ng/ml



#7 AR-1016-5

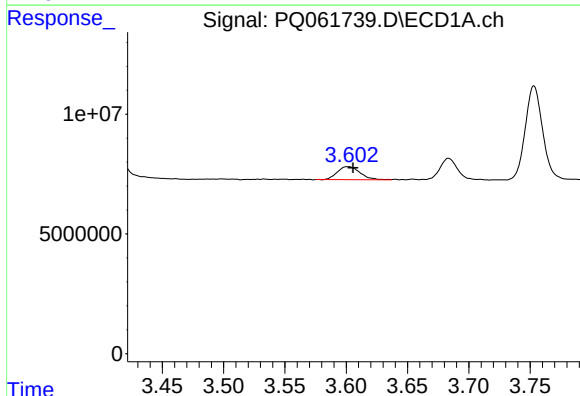
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 53816274
Conc: 465.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



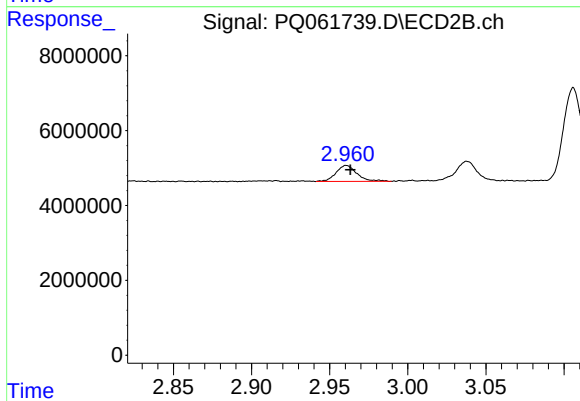
#7 AR-1016-5

R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 36634836
Conc: 427.91 ng/ml



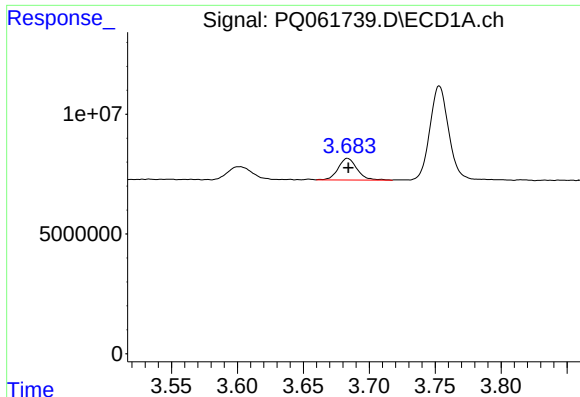
#8 AR-1221-1

R.T.: 3.601 min
Delta R.T.: -0.004 min
Response: 7018276
Conc: 125.08 ng/ml



#8 AR-1221-1

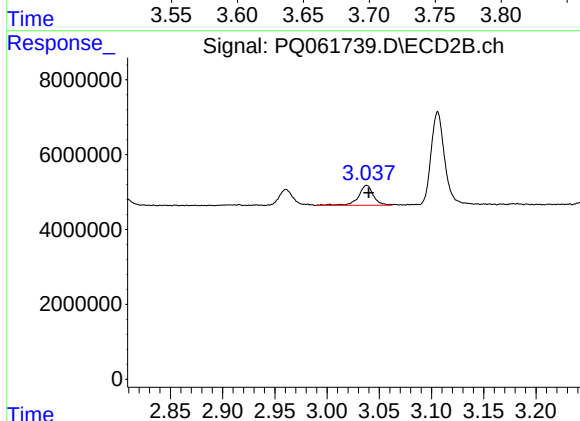
R.T.: 2.961 min
Delta R.T.: -0.003 min
Response: 3994157
Conc: 112.18 ng/ml



#9 AR-1221-2

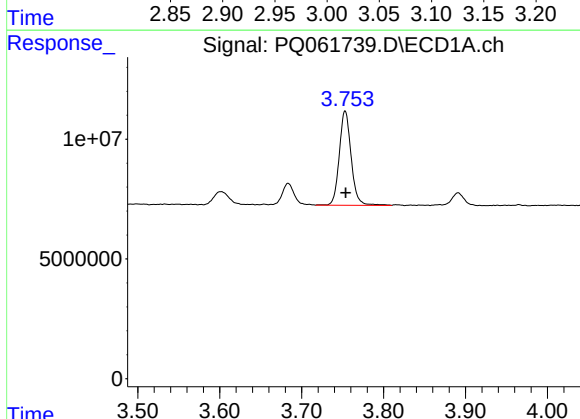
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 9050075
Conc: 214.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



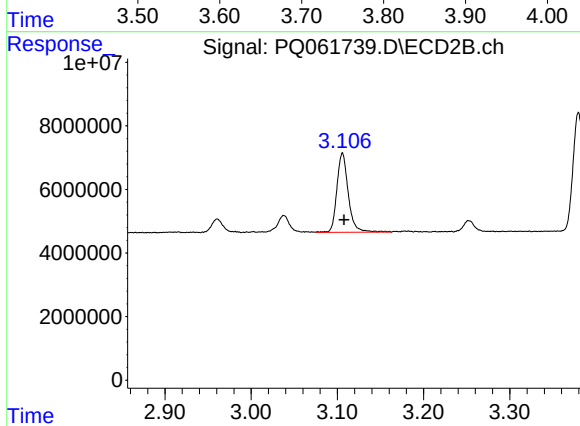
#9 AR-1221-2

R.T.: 3.038 min
Delta R.T.: -0.002 min
Response: 5312847
Conc: 192.90 ng/ml



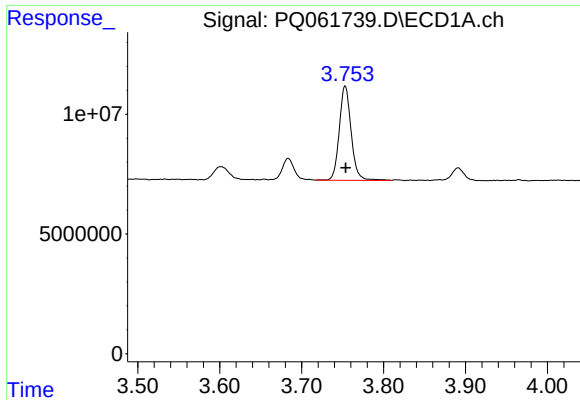
#10 AR-1221-3

R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 39685532
Conc: 302.76 ng/ml



#10 AR-1221-3

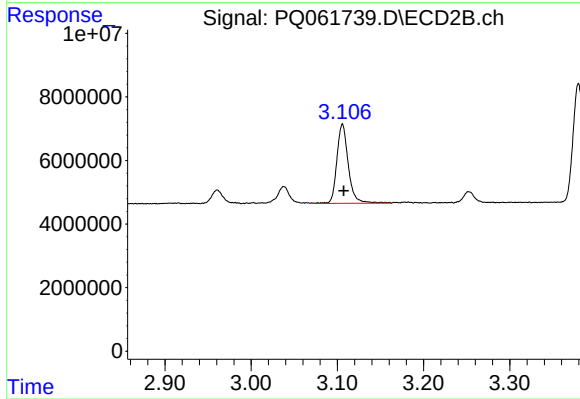
R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 22944778
Conc: 270.77 ng/ml



#11 AR-1232-1

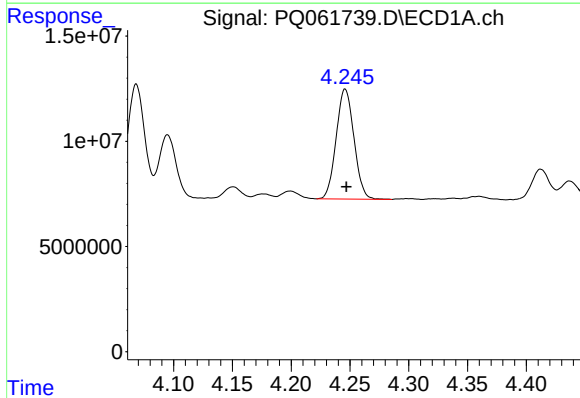
R.T.: 3.753 min
Delta R.T.: 0.000 min
Response: 39685532
Conc: 415.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



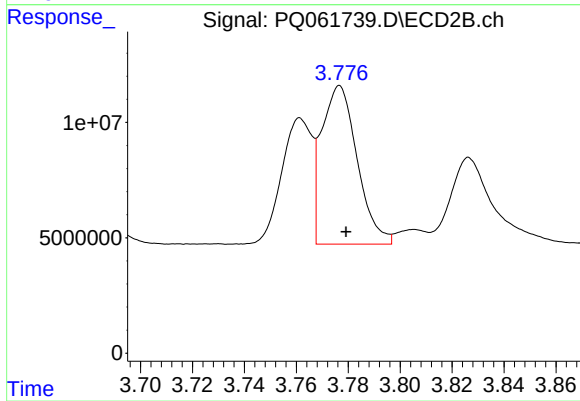
#11 AR-1232-1

R.T.: 3.106 min
Delta R.T.: -0.002 min
Response: 22944778
Conc: 372.58 ng/ml



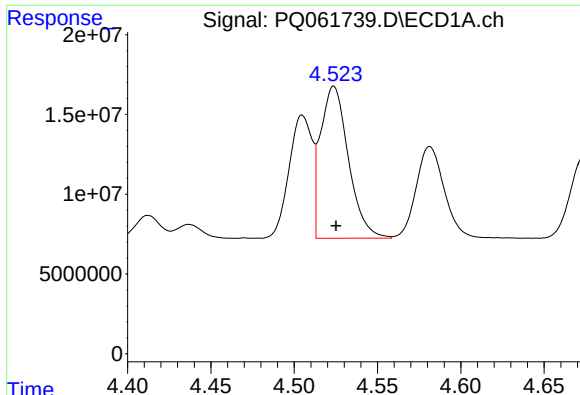
#12 AR-1232-2

R.T.: 4.246 min
Delta R.T.: 0.000 min
Response: 55053462
Conc: 1002.14 ng/ml



#12 AR-1232-2

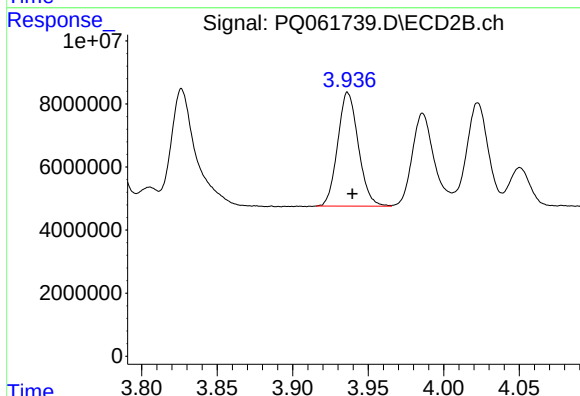
R.T.: 3.777 min
Delta R.T.: -0.003 min
Response: 65508365
Conc: 950.81 ng/ml



#13 AR-1232-3

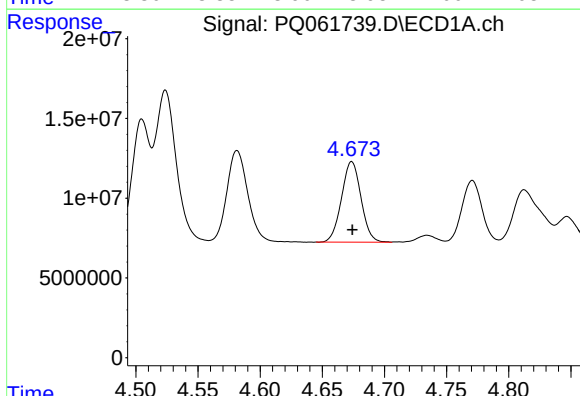
R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 111307995
Conc: 1065.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



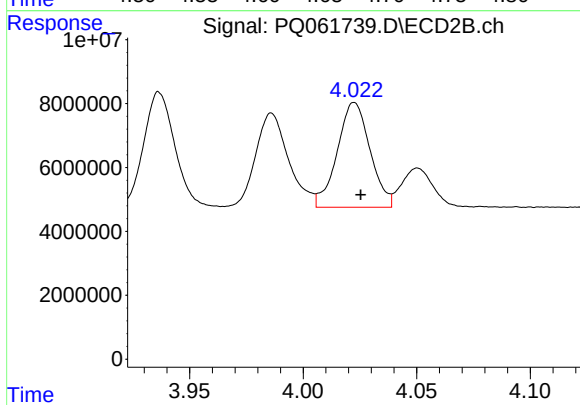
#13 AR-1232-3

R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 34343691
Conc: 949.77 ng/ml



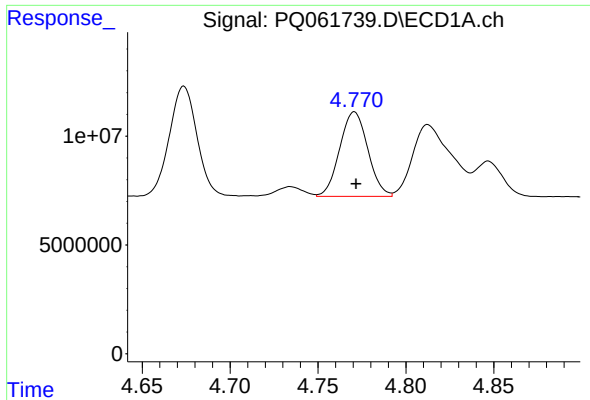
#14 AR-1232-4

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 55205322
Conc: 1040.48 ng/ml



#14 AR-1232-4

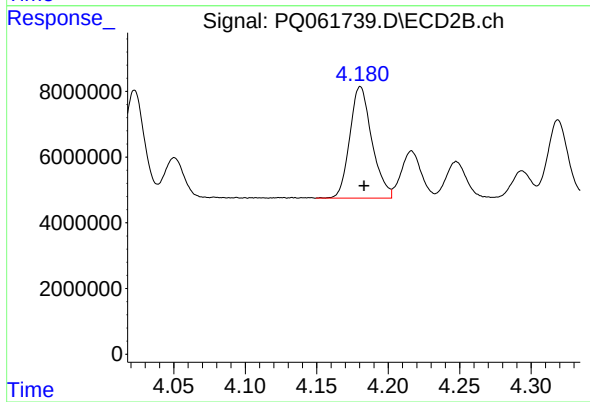
R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 33029940
Conc: 1024.79 ng/ml



#15 AR-1232-5

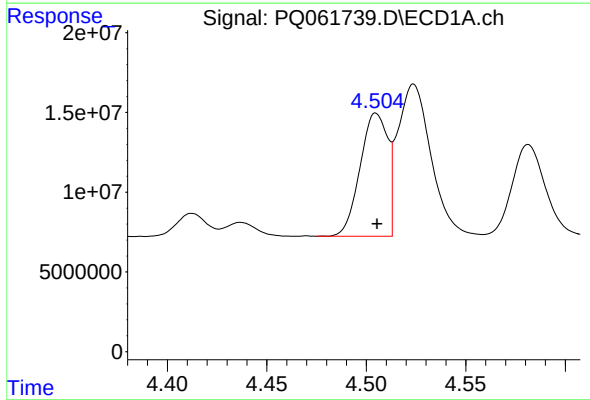
R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 43264250
Conc: 1147.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



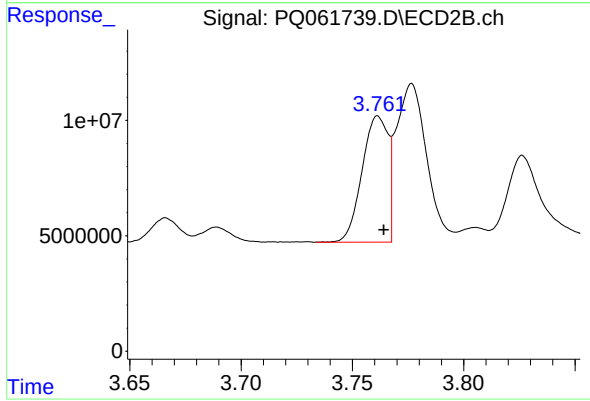
#15 AR-1232-5

R.T.: 4.181 min
Delta R.T.: -0.003 min
Response: 36634836
Conc: 955.92 ng/ml



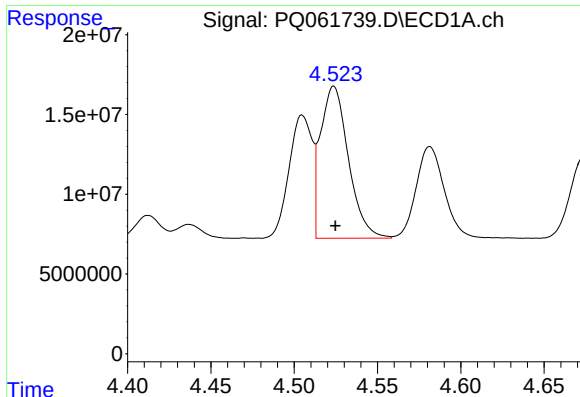
#16 AR-1242-1

R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 74443382
Conc: 656.07 ng/ml



#16 AR-1242-1

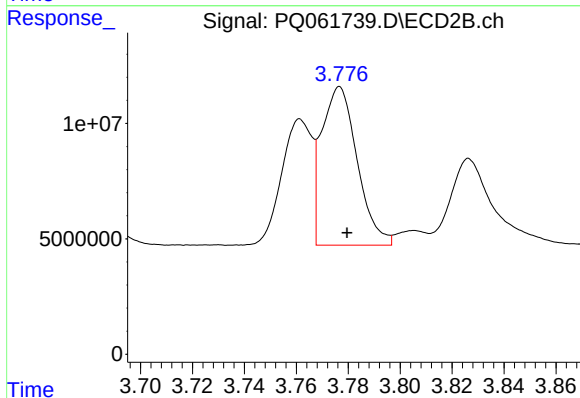
R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 44258738
Conc: 577.87 ng/ml



#17 AR-1242-2

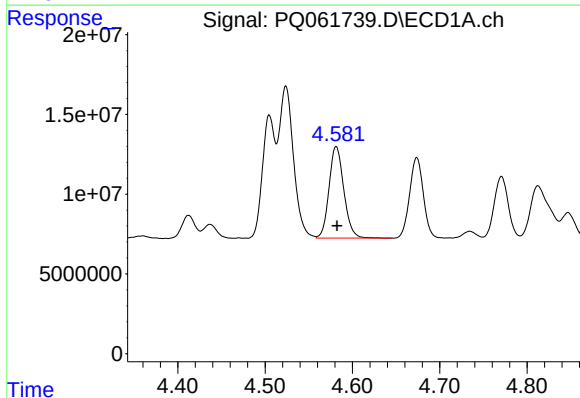
R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 111307995
Conc: 655.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



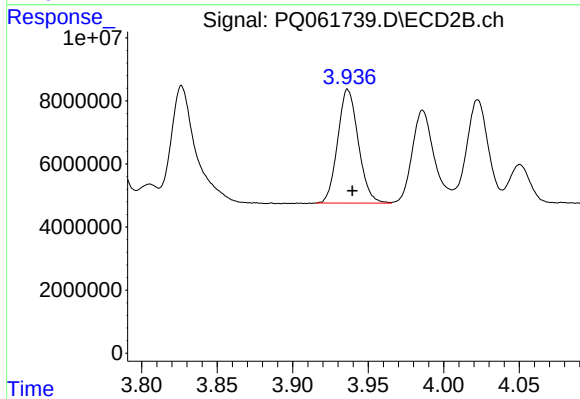
#17 AR-1242-2

R.T.: 3.777 min
Delta R.T.: -0.003 min
Response: 65508365
Conc: 591.10 ng/ml



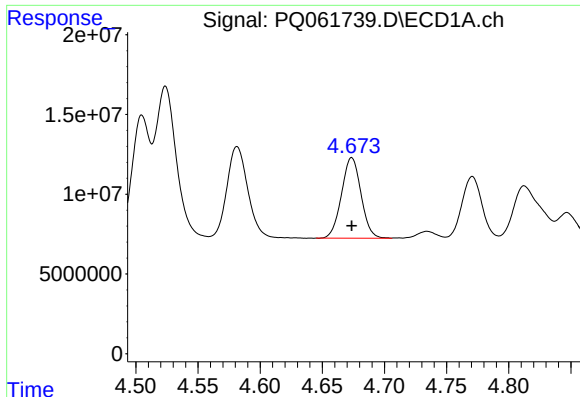
#18 AR-1242-3

R.T.: 4.581 min
Delta R.T.: -0.001 min
Response: 67566945
Conc: 631.58 ng/ml



#18 AR-1242-3

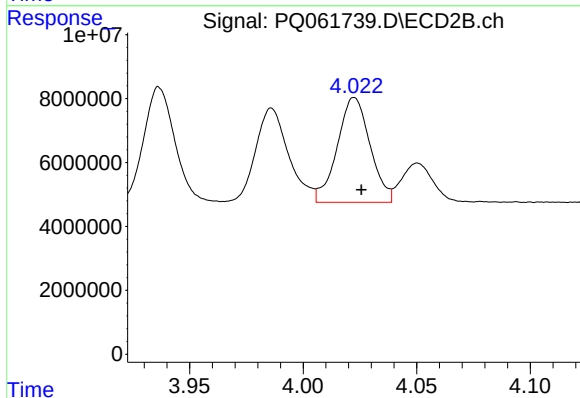
R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 34343691
Conc: 580.30 ng/ml



#19 AR-1242-4

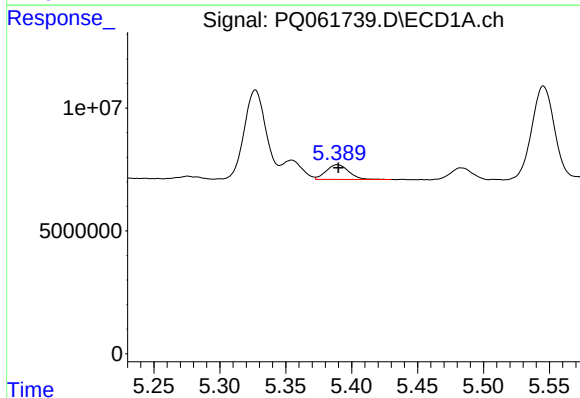
R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 55205322
Conc: 636.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



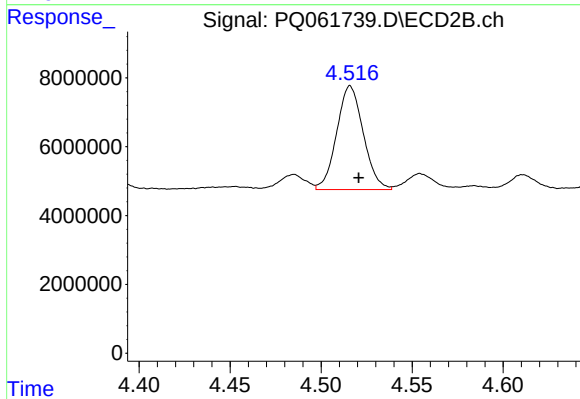
#19 AR-1242-4

R.T.: 4.023 min
Delta R.T.: -0.003 min
Response: 33029940
Conc: 551.55 ng/ml



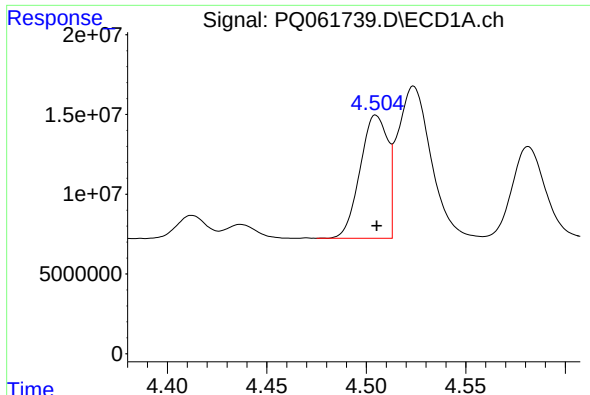
#20 AR-1242-5

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 7055293
Conc: 79.55 ng/ml



#20 AR-1242-5

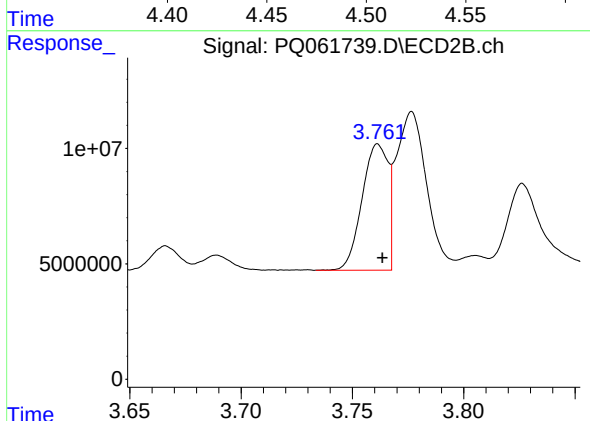
R.T.: 4.516 min
Delta R.T.: -0.005 min
Response: 30707025
Conc: 383.50 ng/ml



#21 AR-1248-1

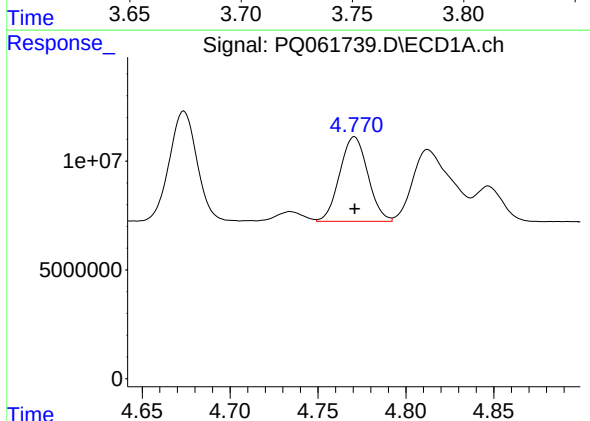
R.T.: 4.505 min
Delta R.T.: 0.000 min
Response: 74443382
Conc: 826.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



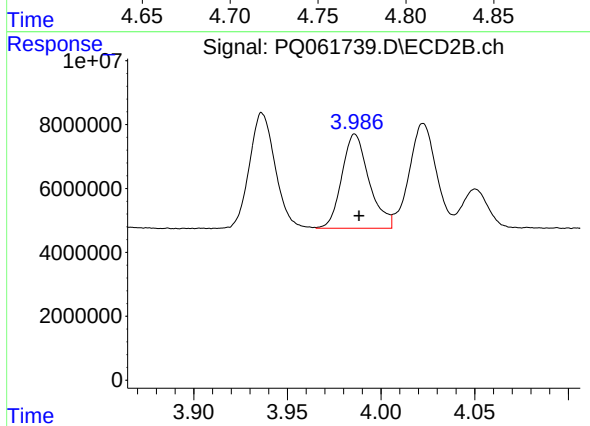
#21 AR-1248-1

R.T.: 3.762 min
Delta R.T.: -0.002 min
Response: 44258738
Conc: 711.15 ng/ml



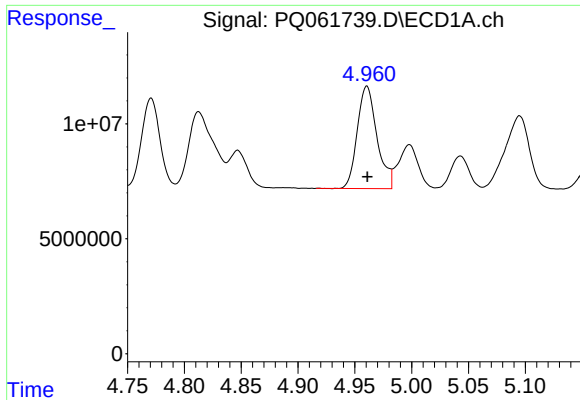
#22 AR-1248-2

R.T.: 4.771 min
Delta R.T.: 0.000 min
Response: 43264250
Conc: 340.33 ng/ml



#22 AR-1248-2

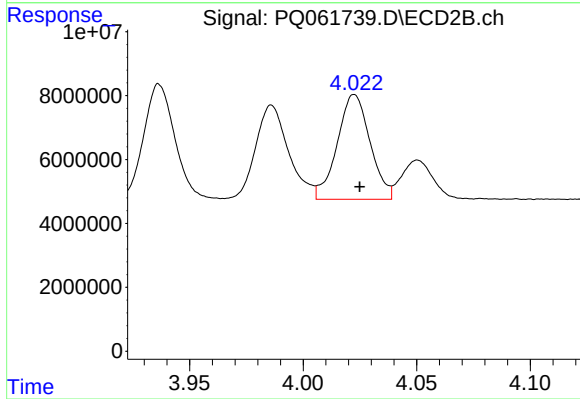
R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 29823320
Conc: 308.55 ng/ml



#23 AR-1248-3

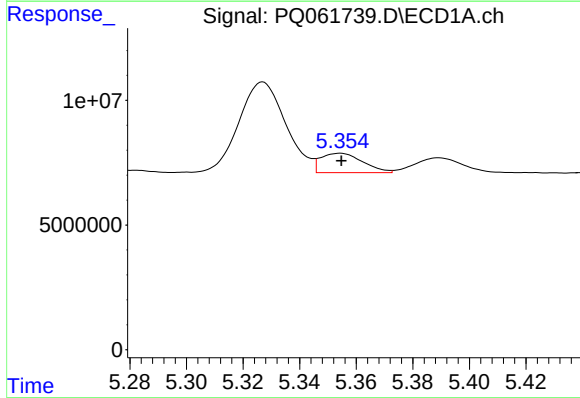
R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 53816274
Conc: 349.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



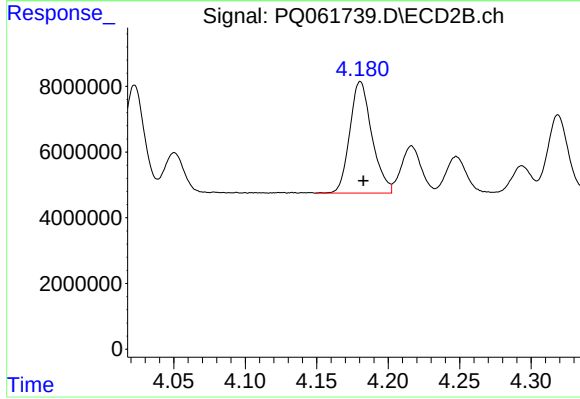
#23 AR-1248-3

R.T.: 4.023 min
Delta R.T.: -0.002 min
Response: 33029940
Conc: 361.33 ng/ml



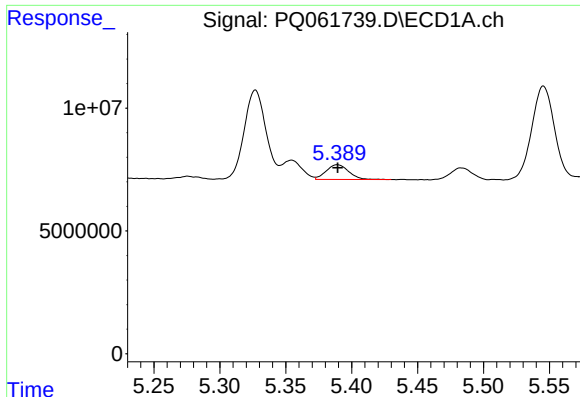
#24 AR-1248-4

R.T.: 5.354 min
Delta R.T.: 0.000 min
Response: 8030664
Conc: 47.31 ng/ml



#24 AR-1248-4

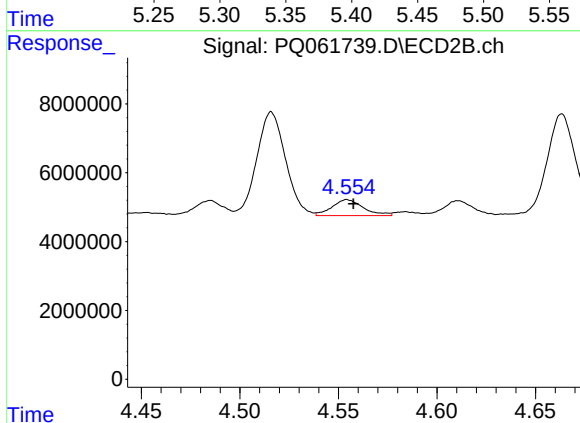
R.T.: 4.181 min
Delta R.T.: -0.002 min
Response: 36634836
Conc: 323.54 ng/ml



#25 AR-1248-5

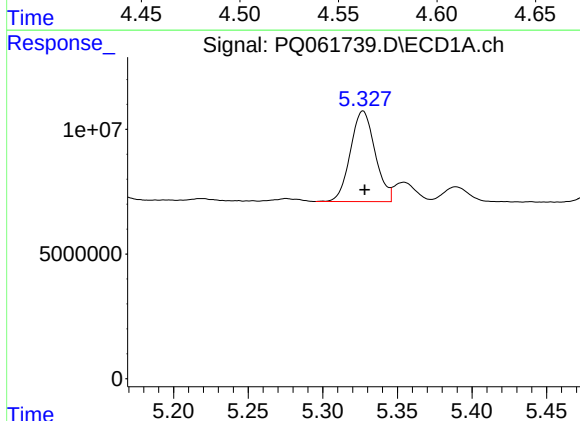
R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 7055293
Conc: 43.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



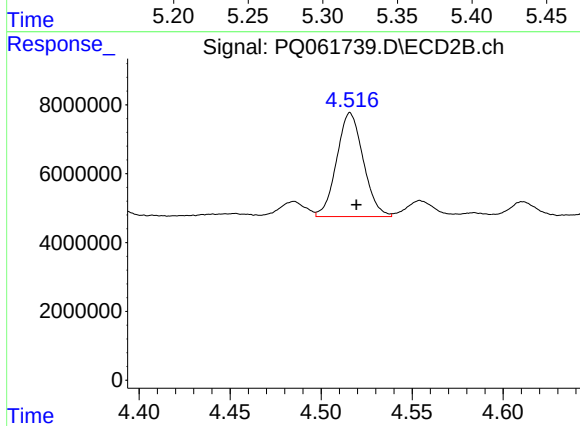
#25 AR-1248-5

R.T.: 4.554 min
Delta R.T.: -0.003 min
Response: 5147078
Conc: 46.73 ng/ml



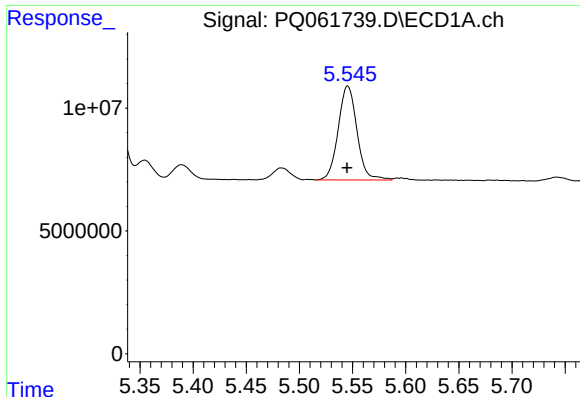
#26 AR-1254-1

R.T.: 5.327 min
Delta R.T.: -0.001 min
Response: 41869517
Conc: 245.14 ng/ml



#26 AR-1254-1

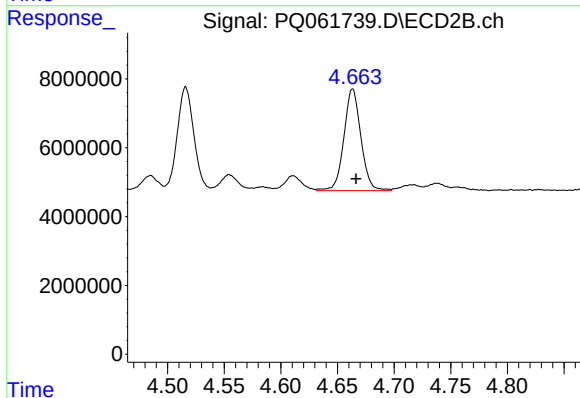
R.T.: 4.516 min
Delta R.T.: -0.003 min
Response: 30707025
Conc: 186.73 ng/ml



#27 AR-1254-2

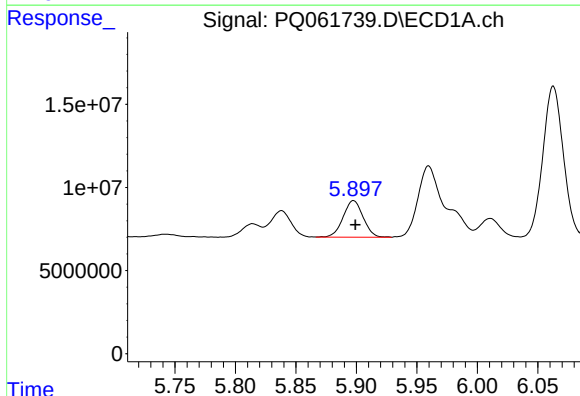
R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 47009417
Conc: 175.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



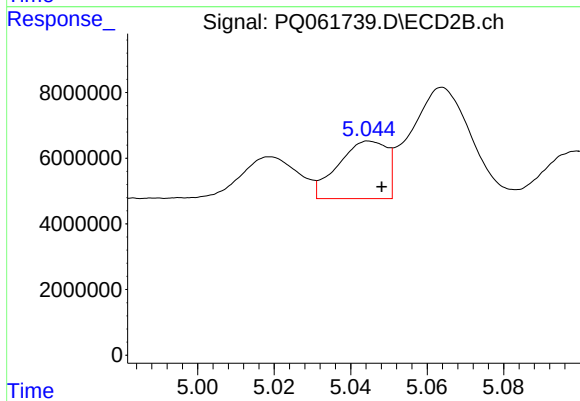
#27 AR-1254-2

R.T.: 4.663 min
Delta R.T.: -0.003 min
Response: 30821121
Conc: 204.92 ng/ml



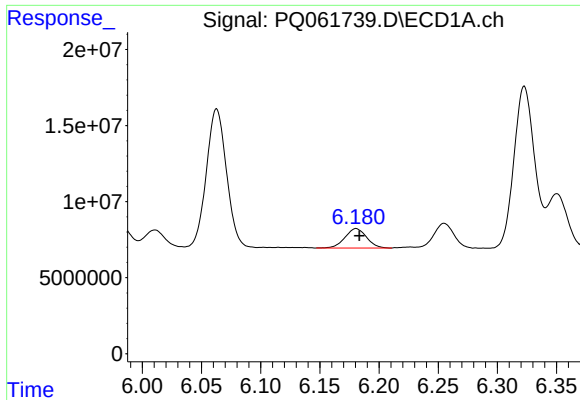
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: -0.001 min
Response: 25381923
Conc: 90.83 ng/ml



#28 AR-1254-3

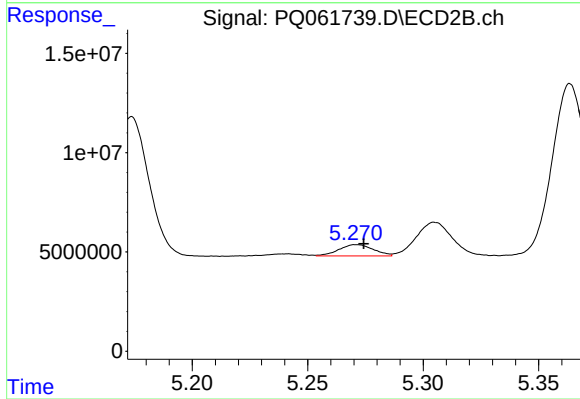
R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 15463167
Conc: 66.45 ng/ml



#29 AR-1254-4

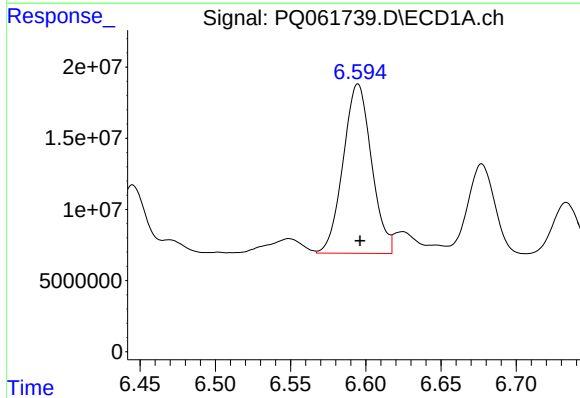
R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 16236864
Conc: 79.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



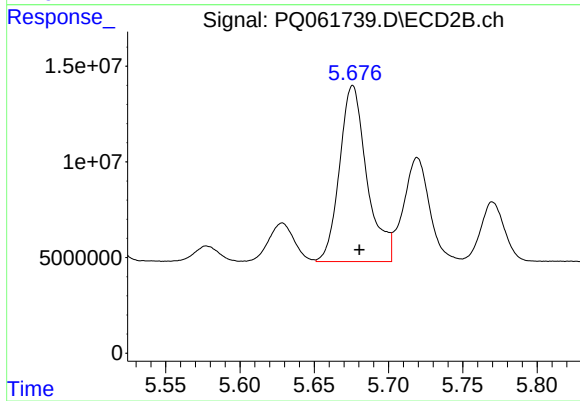
#29 AR-1254-4

R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 5887315
Conc: 40.98 ng/ml



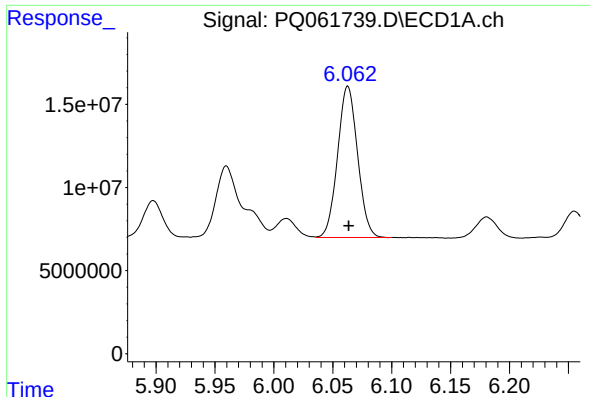
#30 AR-1254-5

R.T.: 6.595 min
Delta R.T.: -0.001 min
Response: 156199658
Conc: 662.19 ng/ml



#30 AR-1254-5

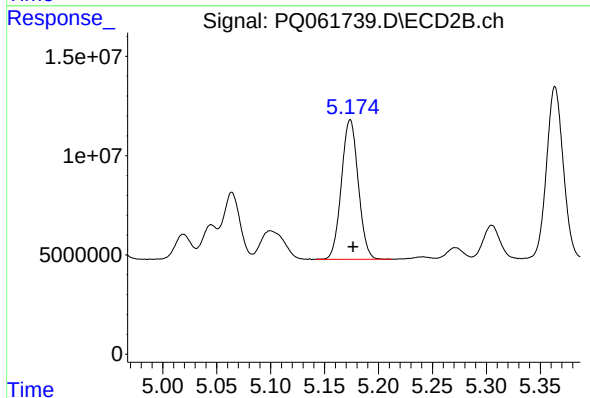
R.T.: 5.676 min
Delta R.T.: -0.005 min
Response: 117714711
Conc: 516.04 ng/ml



#31 AR-1260-1

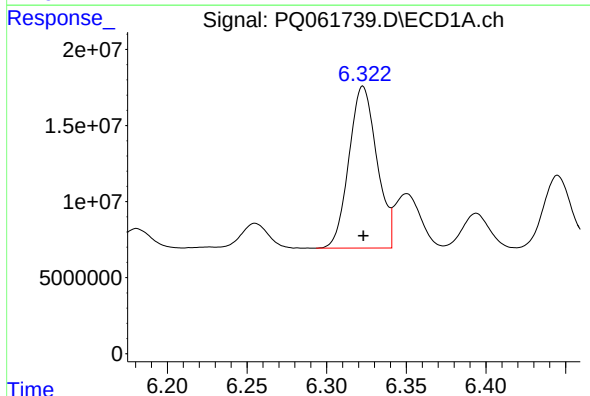
R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 107393972
Conc: 483.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



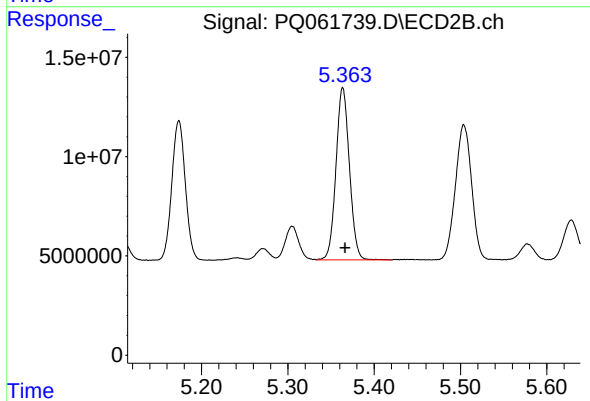
#31 AR-1260-1

R.T.: 5.174 min
Delta R.T.: -0.002 min
Response: 76480808
Conc: 444.63 ng/ml



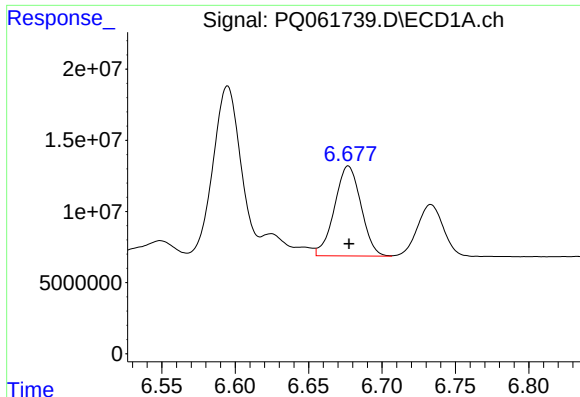
#32 AR-1260-2

R.T.: 6.323 min
Delta R.T.: 0.000 min
Response: 129680285
Conc: 487.44 ng/ml



#32 AR-1260-2

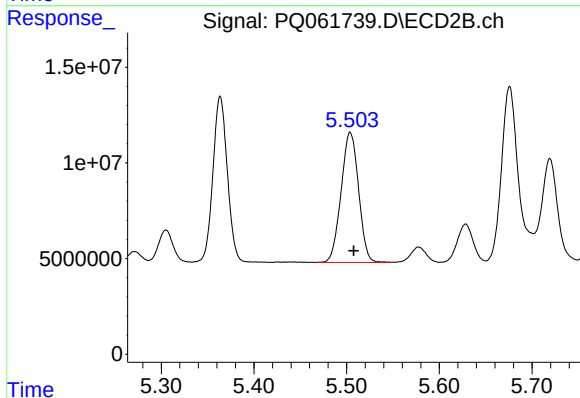
R.T.: 5.364 min
Delta R.T.: -0.002 min
Response: 94073499
Conc: 453.95 ng/ml



#33 AR-1260-3

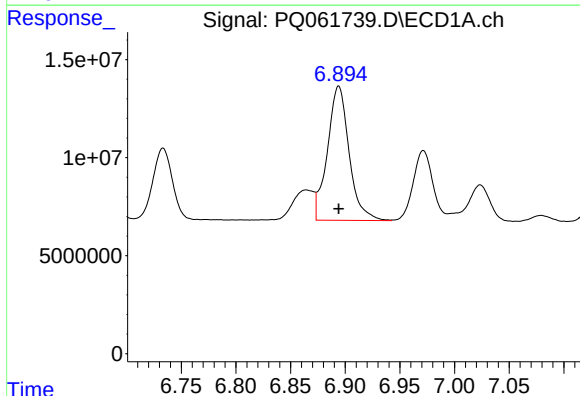
R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 79285103
Conc: 471.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



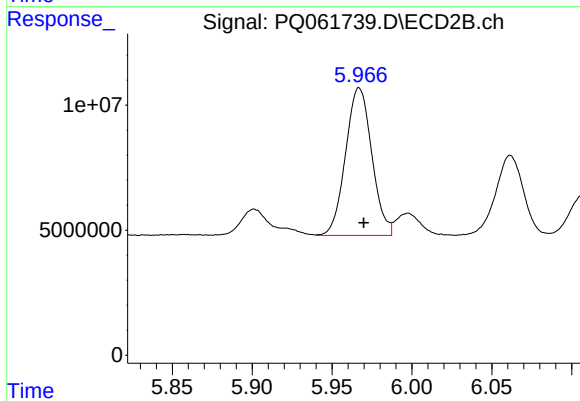
#33 AR-1260-3

R.T.: 5.504 min
Delta R.T.: -0.004 min
Response: 89146922
Conc: 448.85 ng/ml



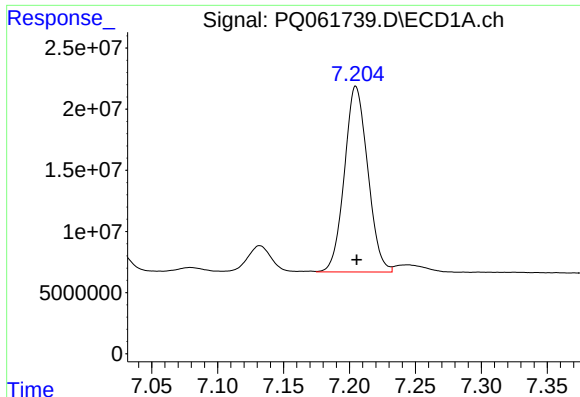
#34 AR-1260-4

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 94573080
Conc: 471.23 ng/ml



#34 AR-1260-4

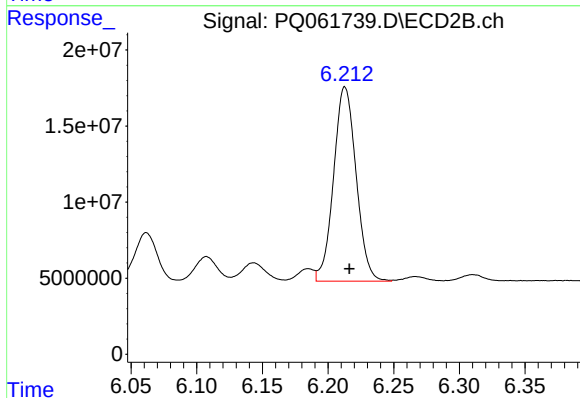
R.T.: 5.967 min
Delta R.T.: -0.003 min
Response: 67500434
Conc: 458.86 ng/ml



#35 AR-1260-5

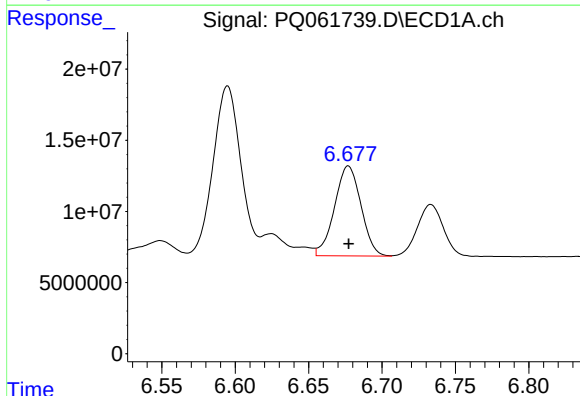
R.T.: 7.205 min
Delta R.T.: 0.000 min
Response: 186838586
Conc: 490.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



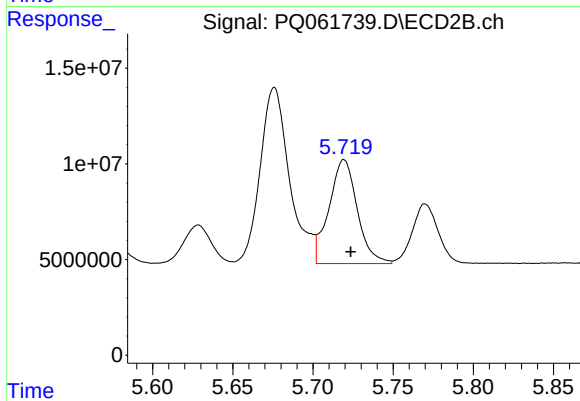
#35 AR-1260-5

R.T.: 6.213 min
Delta R.T.: -0.003 min
Response: 152539930
Conc: 469.77 ng/ml



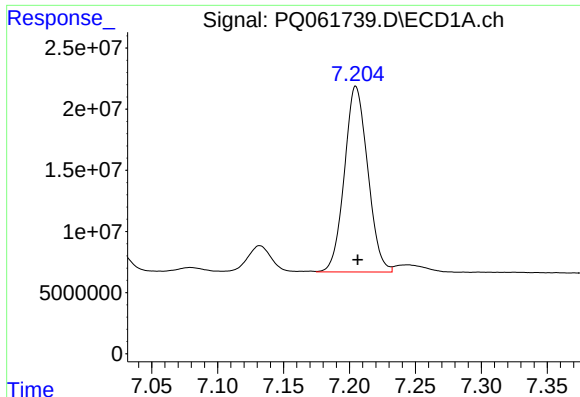
#36 AR-1262-1

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 79285103
Conc: 264.82 ng/ml



#36 AR-1262-1

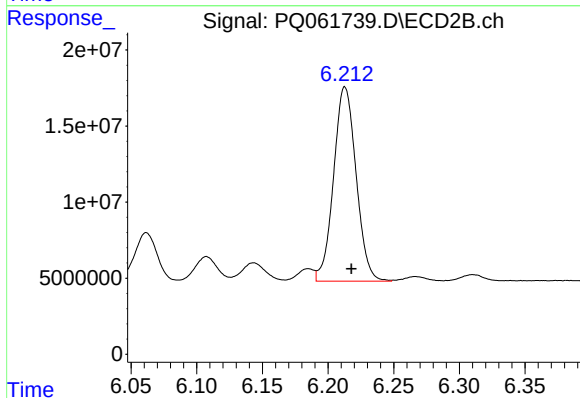
R.T.: 5.719 min
Delta R.T.: -0.004 min
Response: 66753601
Conc: 275.45 ng/ml



#37 AR-1262-2

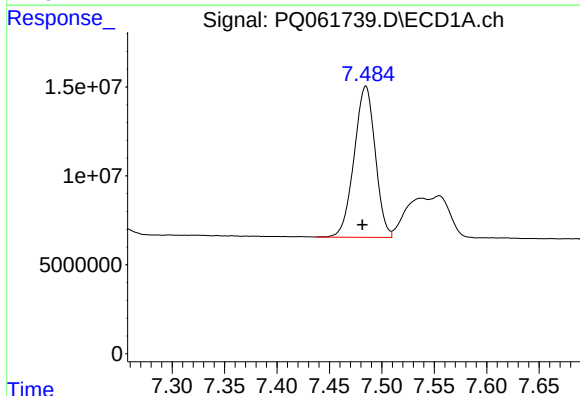
R.T.: 7.205 min
Delta R.T.: -0.001 min
Response: 186838586
Conc: 370.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



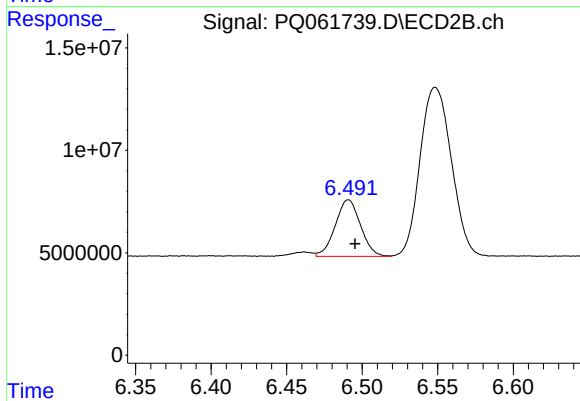
#37 AR-1262-2

R.T.: 6.213 min
Delta R.T.: -0.005 min
Response: 152539930
Conc: 349.02 ng/ml



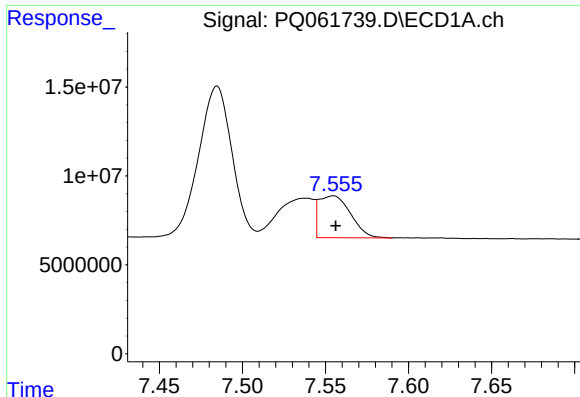
#38 AR-1262-3

R.T.: 7.485 min
Delta R.T.: 0.003 min
Response: 118996651
Conc: 352.12 ng/ml



#38 AR-1262-3

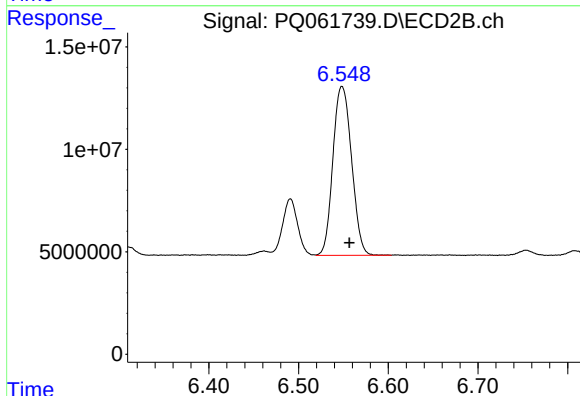
R.T.: 6.491 min
Delta R.T.: -0.004 min
Response: 32142335
Conc: 178.35 ng/ml



#39 AR-1262-4

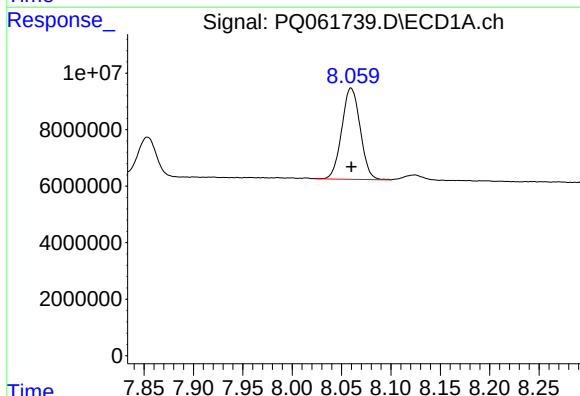
R.T.: 7.555 min
Delta R.T.: -0.001 min
Response: 31188029
Conc: 121.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



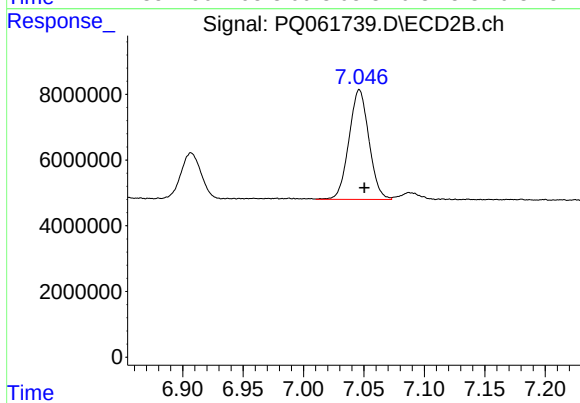
#39 AR-1262-4

R.T.: 6.548 min
Delta R.T.: -0.008 min
Response: 119128242
Conc: 359.22 ng/ml



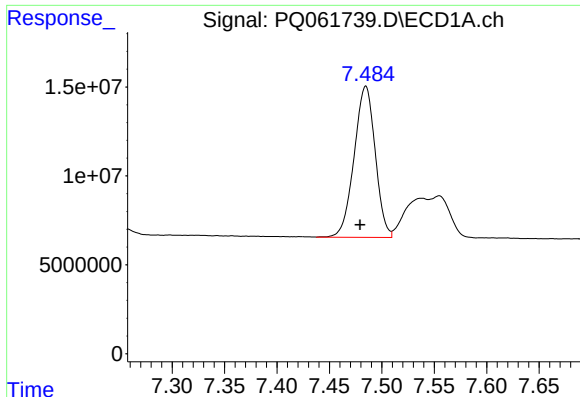
#40 AR-1262-5

R.T.: 8.060 min
Delta R.T.: 0.000 min
Response: 41927456
Conc: 246.19 ng/ml



#40 AR-1262-5

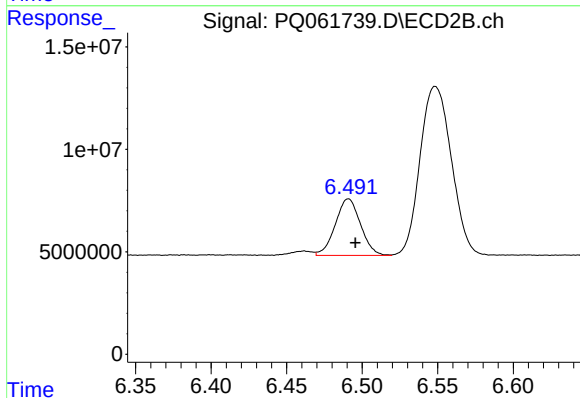
R.T.: 7.046 min
Delta R.T.: -0.004 min
Response: 38464391
Conc: 239.77 ng/ml



#41 AR-1268-1

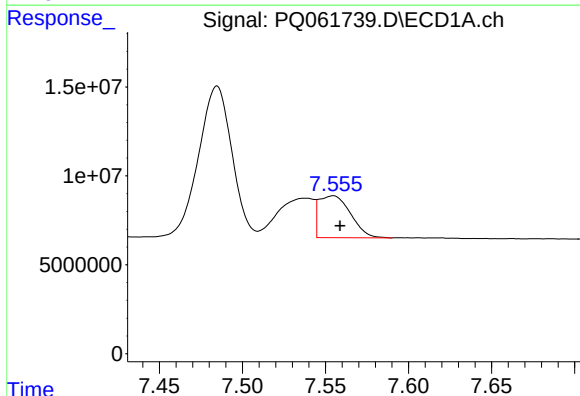
R.T.: 7.485 min
Delta R.T.: 0.006 min
Response: 118996651
Conc: 216.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



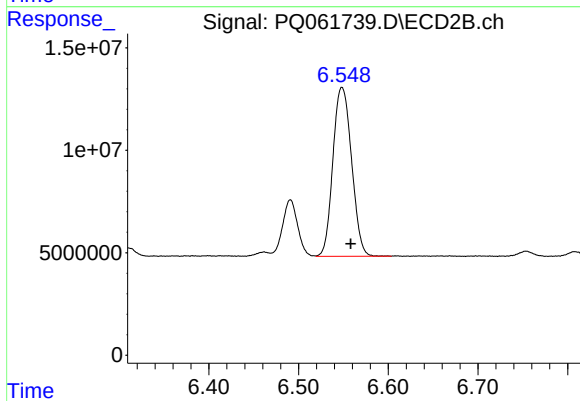
#41 AR-1268-1

R.T.: 6.491 min
Delta R.T.: -0.005 min
Response: 32142335
Conc: 65.42 ng/ml



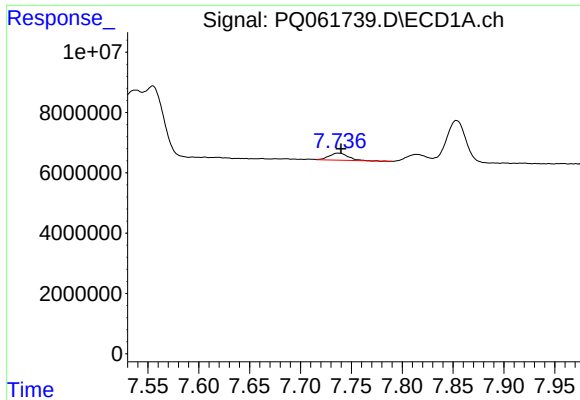
#42 AR-1268-2

R.T.: 7.555 min
Delta R.T.: -0.004 min
Response: 31188029
Conc: 63.30 ng/ml



#42 AR-1268-2

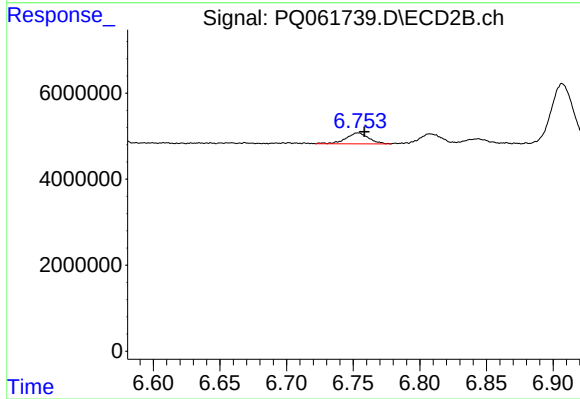
R.T.: 6.548 min
Delta R.T.: -0.010 min
Response: 119128242
Conc: 267.77 ng/ml



#43 AR-1268-3

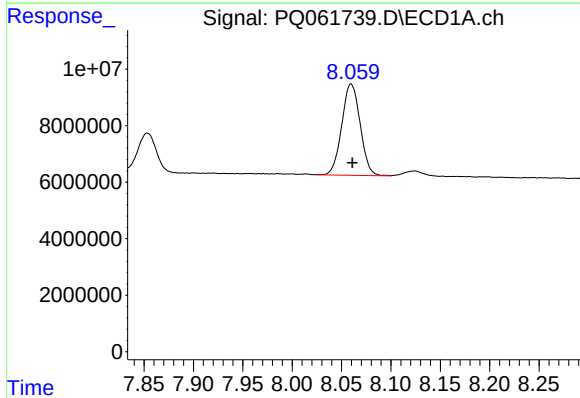
R.T.: 7.737 min
Delta R.T.: -0.003 min
Response: 3091424
Conc: 7.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



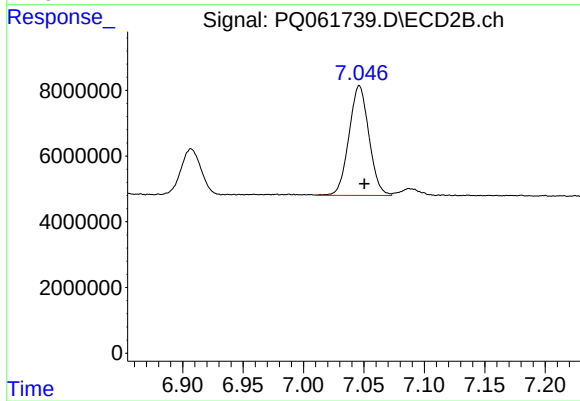
#43 AR-1268-3

R.T.: 6.754 min
Delta R.T.: -0.005 min
Response: 3067849
Conc: 7.84 ng/ml



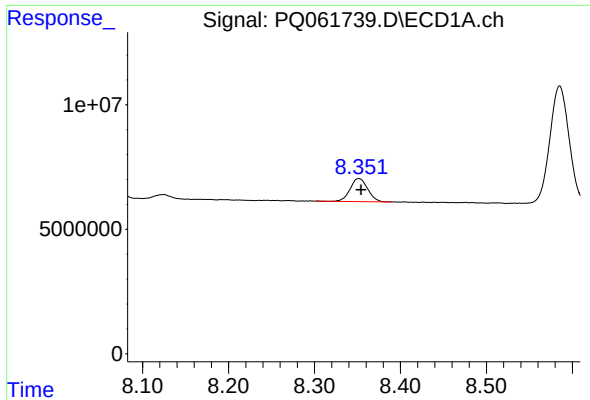
#44 AR-1268-4

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 41927456
Conc: 236.87 ng/ml



#44 AR-1268-4

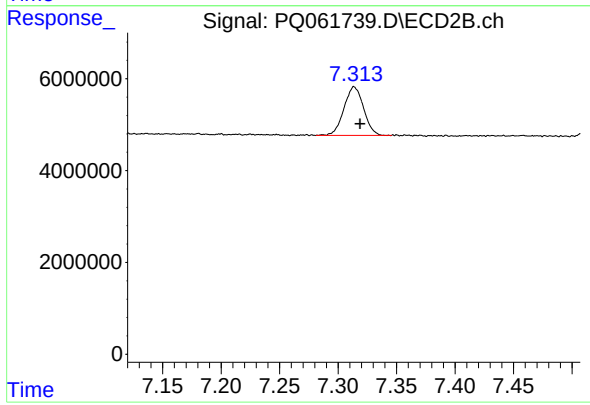
R.T.: 7.046 min
Delta R.T.: -0.004 min
Response: 38464391
Conc: 229.12 ng/ml



#45 AR-1268-5

R.T.: 8.352 min
Delta R.T.: -0.002 min
Response: 13001259
Conc: 10.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.314 min
Delta R.T.: -0.005 min
Response: 12372939
Conc: 9.98 ng/ml