

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072523\
 Data File : PQ062636.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2023 12:06
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 17:49:20 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...	3.402	2.755	225.9E6	145.7E6	46.308	58.068 #
2)	SA Decachlor...	8.581	7.522	186.1E6	162.1E6	51.237	48.653
Target Compounds							
3)	L1 AR-1016-1	4.502	3.755	76462421	48936600	464.202	494.432
4)	L1 AR-1016-2	4.521	3.771	118.6E6	72361364	479.629	501.816
5)	L1 AR-1016-3	4.578	3.930	73390466	35953556	481.547	476.568
6)	L1 AR-1016-4	4.670	3.980	59866098	31596815	477.610	481.078
7)	L1 AR-1016-5	4.957	4.174	58108836	38874978	477.410	474.191
8)	L2 AR-1221-1	3.599	2.955	9043683	6017215	150.458	182.359
9)	L2 AR-1221-2	3.680	3.032	11832799	8575192	263.345	337.605 #
10)	L2 AR-1221-3	3.750	3.100	43577094	29872462	310.117	387.497
11)	L3 AR-1232-1	3.750	3.100	43577094	29872462	412.657	521.347 #
12)	L3 AR-1232-2	4.243	3.771	59105028	72361364	999.220	1087.242
13)	L3 AR-1232-3	4.521	3.930	118.6E6	35953556	1048.783	1040.474
14)	L3 AR-1232-4	4.670	4.016	59866098	34460618	1056.465	1158.737
15)	L3 AR-1232-5	4.768	4.174	46852051	38874978	1169.839	1090.130
16)	L4 AR-1242-1	4.502	3.755	76462421	48936600	585.004	632.754
17)	L4 AR-1242-2	4.521	3.771	118.6E6	72361364	610.889	650.974
18)	L4 AR-1242-3	4.578	3.930	73390466	35953556	607.315	613.793
19)	L4 AR-1242-4	4.670	4.016	59866098	34460618	614.101	587.783
20)	L4 AR-1242-5	5.387	4.510	5256458	32120242	54.909	387.492 #
21)	L5 AR-1248-1	4.502	3.755	76462421	48936600	735.367	782.731
22)	L5 AR-1248-2	4.768	3.980	46852051	31596815	326.127	336.965
23)	L5 AR-1248-3	4.957	4.016	58108836	34460618	334.511	380.596
24)	L5 AR-1248-4	5.351	4.174	8126795	38874978	42.342	344.516 #
25)	L5 AR-1248-5	5.387	4.548	5256458	5991855	29.022	53.483 #
26)	L6 AR-1254-1	5.323	4.510	45086094	32120242	242.631	198.933
27)	L6 AR-1254-2	5.542	4.657	51470207	31823234	177.048	216.154
28)	L6 AR-1254-3	5.894	5.039	29476165	15476532	95.970	66.224 #
29)	L6 AR-1254-4	6.177	5.264	25314336	6524469	109.023	42.807 #
30)	L6 AR-1254-5	6.592	5.669	166.5E6	115.5E6	648.320	500.415
31)	L7 AR-1260-1	6.060	5.167	113.7E6	74129611	481.796	445.081
32)	L7 AR-1260-2	6.320	5.357	144.4E6	91644127	499.902	440.711
33)	L7 AR-1260-3	6.674	5.498	85588121	86860880	484.709	446.451
34)	L7 AR-1260-4	6.892	5.960	103.1E6	66287612	489.653	454.456
35)	L7 AR-1260-5	7.202	6.207	204.6E6	151.4E6	498.385	456.083
36)	L8 AR-1262-1	6.674	5.713	85588121	65363836	280.670	281.169
37)	L8 AR-1262-2	7.202	5.960	204.6E6	66287612	388.525	306.593
38)	L8 AR-1262-3	7.481	6.484	131.8E6	32990718	374.177	189.245 #
39)	L8 AR-1262-4	7.552	6.541	34734775	120.1E6	130.229	372.757 #
40)	L8 AR-1262-5	8.057	7.039	48413419	40671799	272.738	262.204
41)	L9 AR-1268-1	7.481	6.484	131.8E6	32990718	232.298	70.113 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072523\
 Data File : PQ062636.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2023 12:06
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

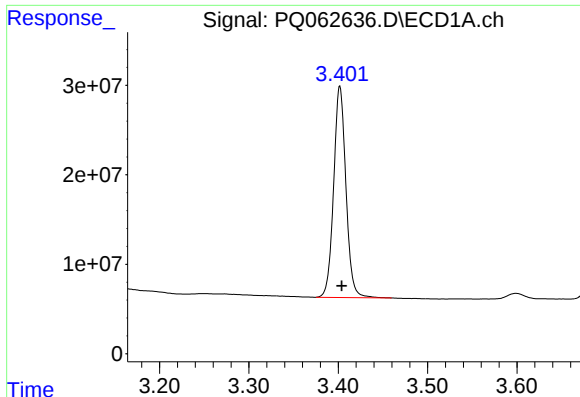
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 17:49:20 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
42) L9	AR-1268-2	7.552	6.541	34734775	120.1E6	68.124	283.543 #
43) L9	AR-1268-3	7.735	6.747	3800666	3010495	8.906	8.174
44) L9	AR-1268-4	8.057	7.039	48413419	40671799	264.576	254.300
45) L9	AR-1268-5	8.348	7.307	15995222	17385547	12.687	14.898

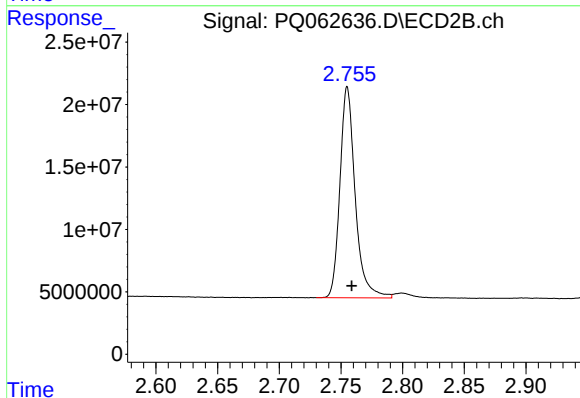
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

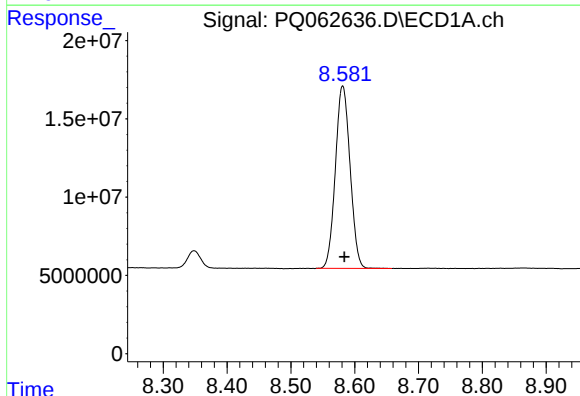
R.T.: 3.402 min
Delta R.T.: -0.002 min
Response: 225899618
Conc: 46.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



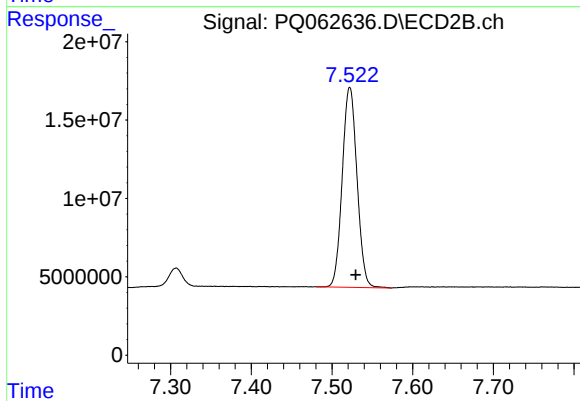
#1 Tetrachloro-m-xylene

R.T.: 2.755 min
Delta R.T.: -0.003 min
Response: 145697736
Conc: 58.07 ng/ml



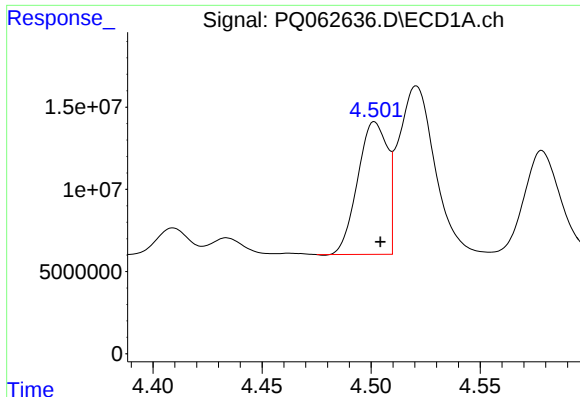
#2 Decachlorobiphenyl

R.T.: 8.581 min
Delta R.T.: -0.003 min
Response: 186131992
Conc: 51.24 ng/ml



#2 Decachlorobiphenyl

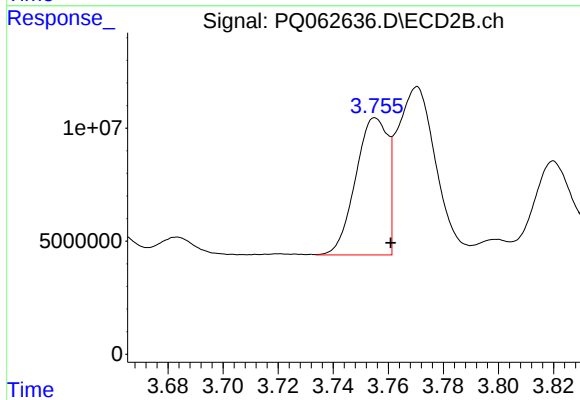
R.T.: 7.522 min
Delta R.T.: -0.007 min
Response: 162120919
Conc: 48.65 ng/ml



#3 AR-1016-1

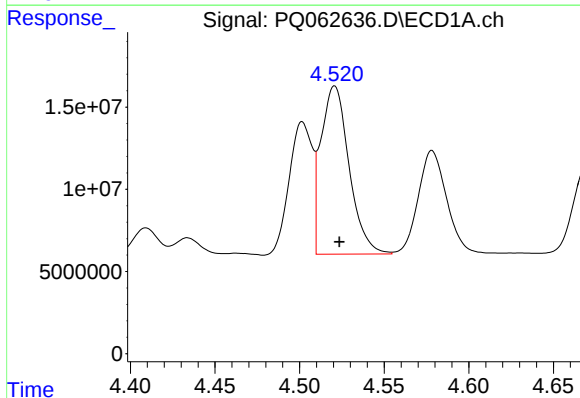
R.T.: 4.502 min
Delta R.T.: -0.003 min
Response: 76462421
Conc: 464.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



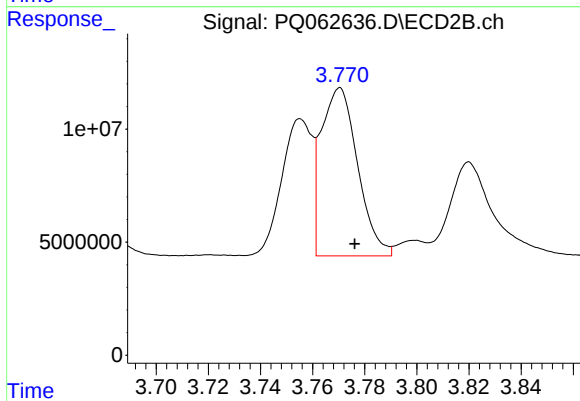
#3 AR-1016-1

R.T.: 3.755 min
Delta R.T.: -0.006 min
Response: 48936600
Conc: 494.43 ng/ml



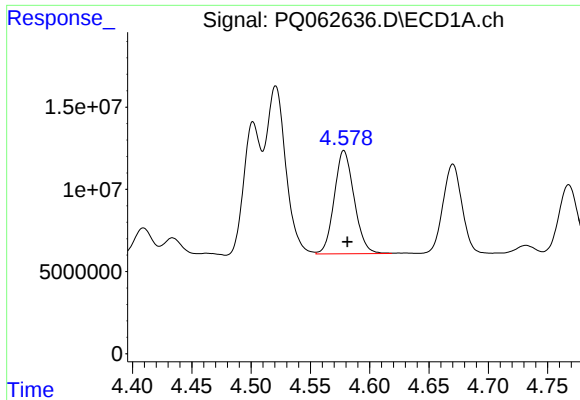
#4 AR-1016-2

R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 118597007
Conc: 479.63 ng/ml



#4 AR-1016-2

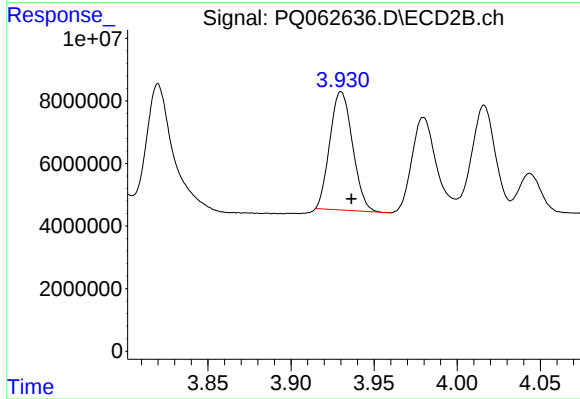
R.T.: 3.771 min
Delta R.T.: -0.006 min
Response: 72361364
Conc: 501.82 ng/ml



#5 AR-1016-3

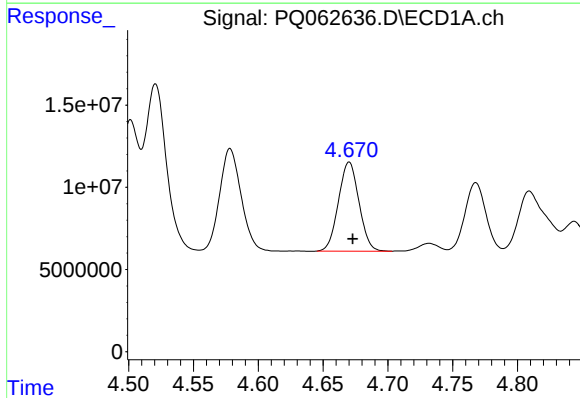
R.T.: 4.578 min
Delta R.T.: -0.003 min
Response: 73390466
Conc: 481.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



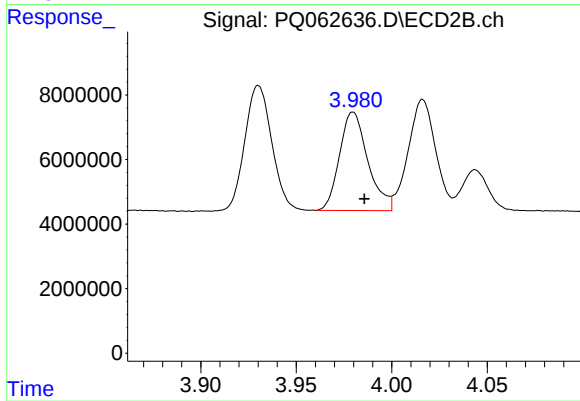
#5 AR-1016-3

R.T.: 3.930 min
Delta R.T.: -0.006 min
Response: 35953556
Conc: 476.57 ng/ml



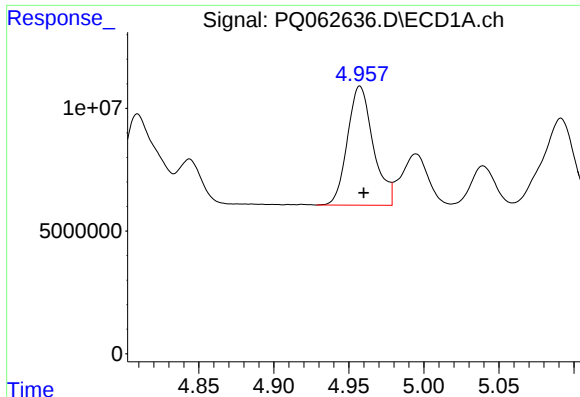
#6 AR-1016-4

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 59866098
Conc: 477.61 ng/ml



#6 AR-1016-4

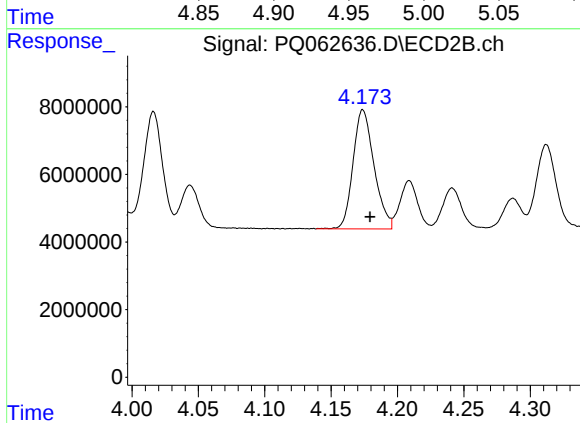
R.T.: 3.980 min
Delta R.T.: -0.006 min
Response: 31596815
Conc: 481.08 ng/ml



#7 AR-1016-5

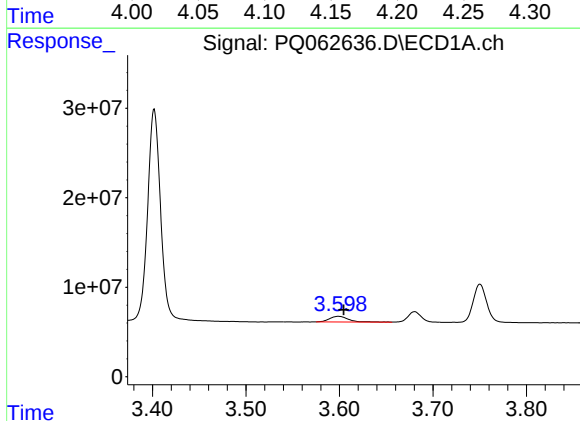
R.T.: 4.957 min
Delta R.T.: -0.002 min
Response: 58108836
Conc: 477.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



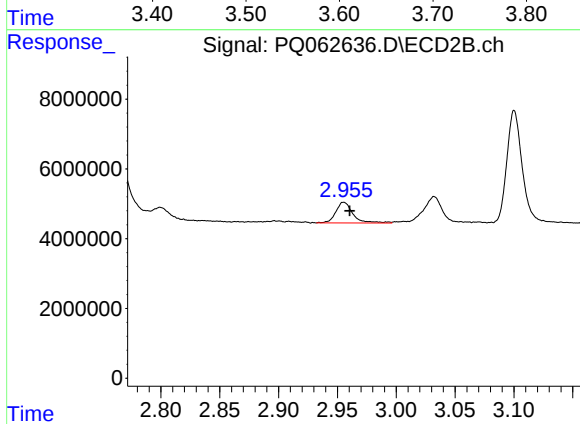
#7 AR-1016-5

R.T.: 4.174 min
Delta R.T.: -0.006 min
Response: 38874978
Conc: 474.19 ng/ml



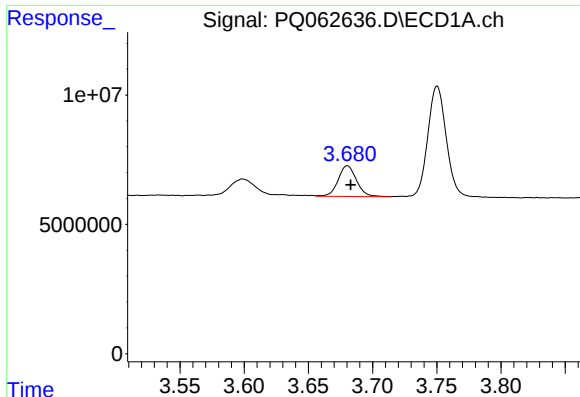
#8 AR-1221-1

R.T.: 3.599 min
Delta R.T.: -0.006 min
Response: 9043683
Conc: 150.46 ng/ml



#8 AR-1221-1

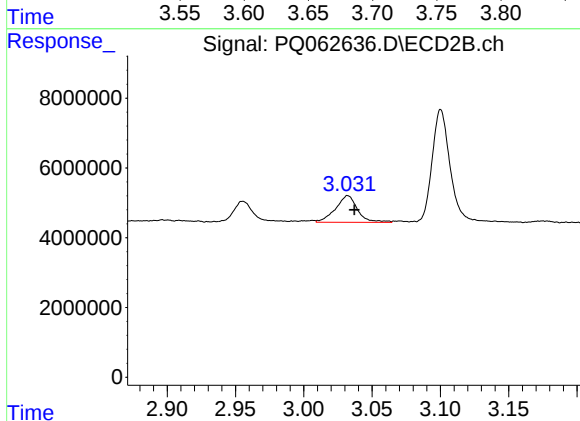
R.T.: 2.955 min
Delta R.T.: -0.005 min
Response: 6017215
Conc: 182.36 ng/ml



#9 AR-1221-2

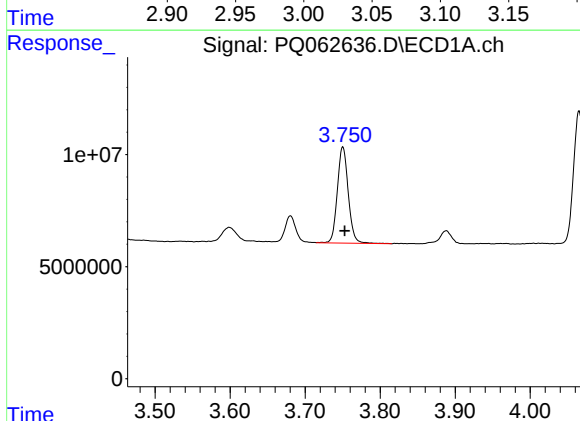
R.T.: 3.680 min
Delta R.T.: -0.003 min
Response: 11832799
Conc: 263.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



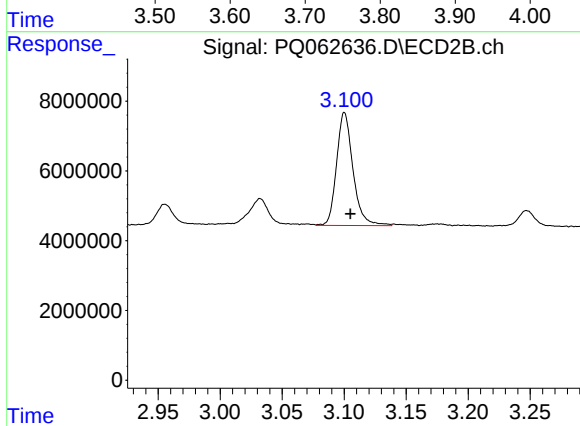
#9 AR-1221-2

R.T.: 3.032 min
Delta R.T.: -0.005 min
Response: 8575192
Conc: 337.61 ng/ml



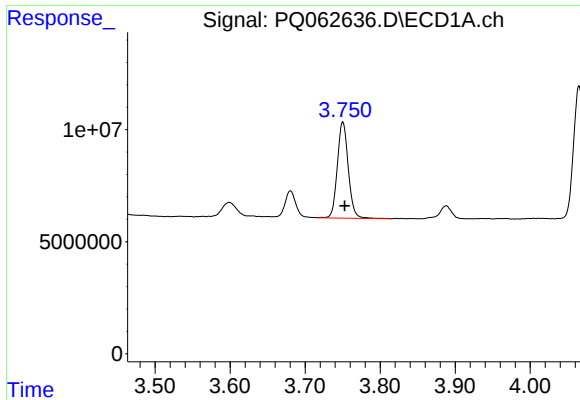
#10 AR-1221-3

R.T.: 3.750 min
Delta R.T.: -0.002 min
Response: 43577094
Conc: 310.12 ng/ml



#10 AR-1221-3

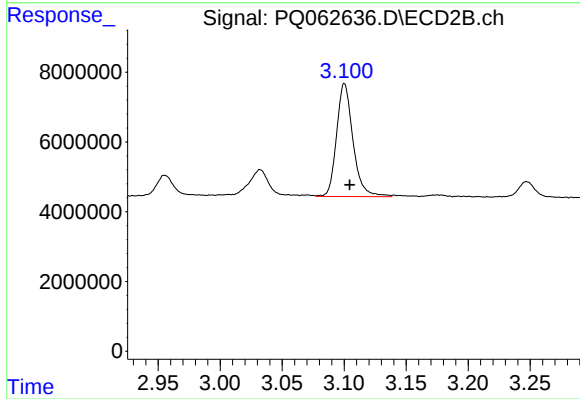
R.T.: 3.100 min
Delta R.T.: -0.005 min
Response: 29872462
Conc: 387.50 ng/ml



#11 AR-1232-1

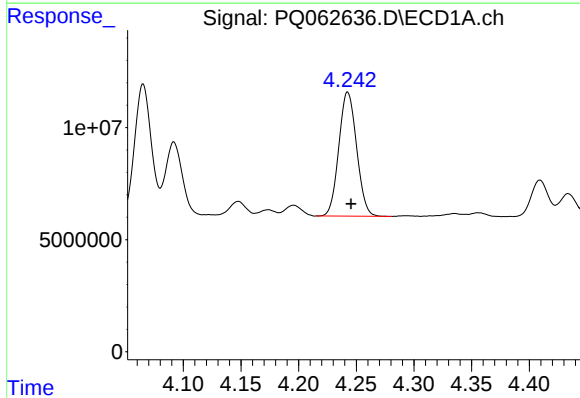
R.T.: 3.750 min
Delta R.T.: -0.002 min
Response: 43577094
Conc: 412.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



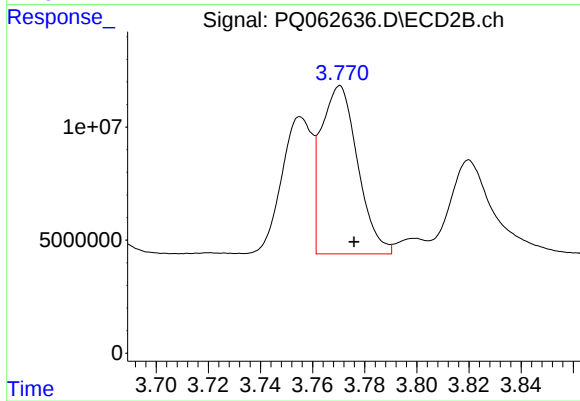
#11 AR-1232-1

R.T.: 3.100 min
Delta R.T.: -0.004 min
Response: 29872462
Conc: 521.35 ng/ml



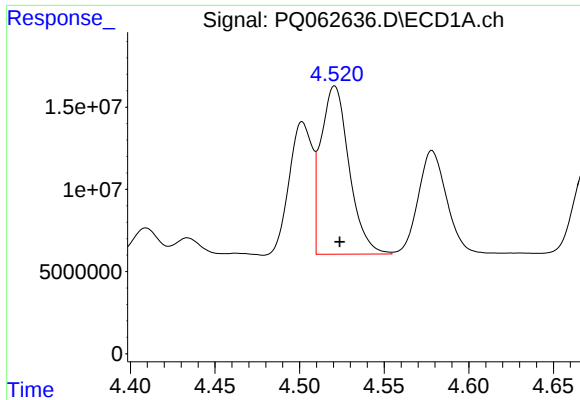
#12 AR-1232-2

R.T.: 4.243 min
Delta R.T.: -0.003 min
Response: 59105028
Conc: 999.22 ng/ml



#12 AR-1232-2

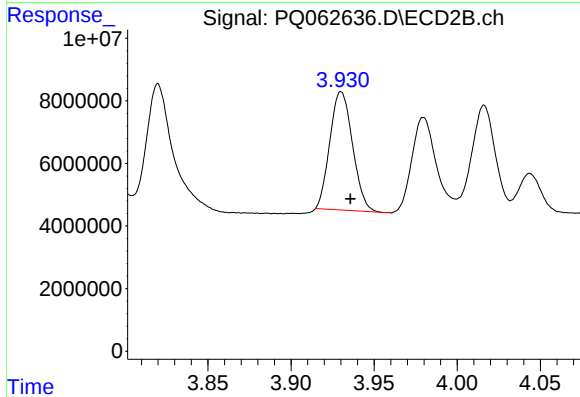
R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 72361364
Conc: 1087.24 ng/ml



#13 AR-1232-3

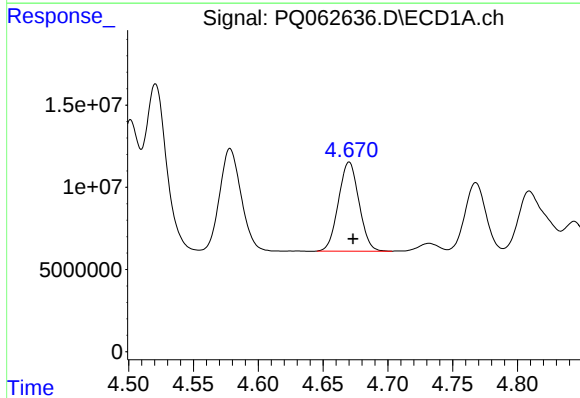
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 118597007
Conc: 1048.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



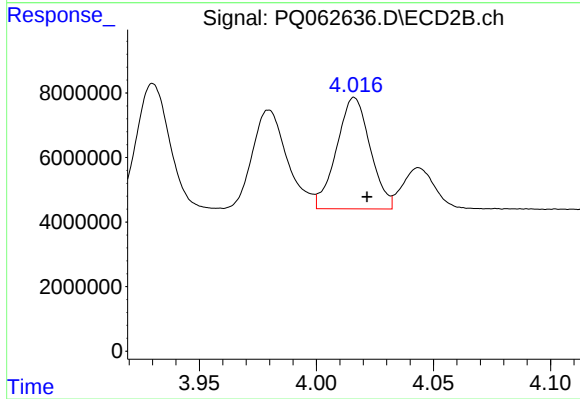
#13 AR-1232-3

R.T.: 3.930 min
Delta R.T.: -0.006 min
Response: 35953556
Conc: 1040.47 ng/ml



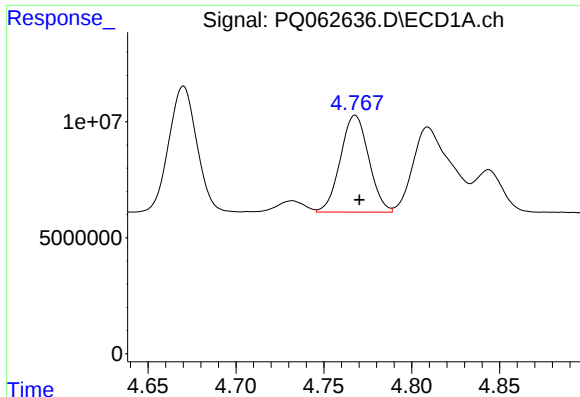
#14 AR-1232-4

R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 59866098
Conc: 1056.46 ng/ml



#14 AR-1232-4

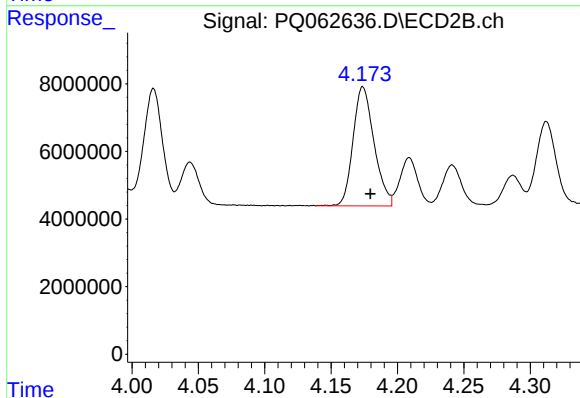
R.T.: 4.016 min
Delta R.T.: -0.005 min
Response: 34460618
Conc: 1158.74 ng/ml



#15 AR-1232-5

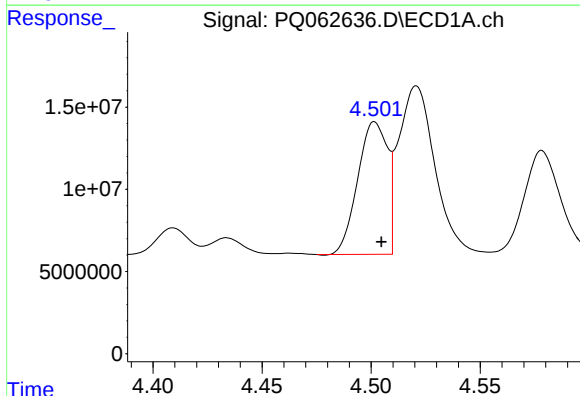
R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 46852051
Conc: 1169.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



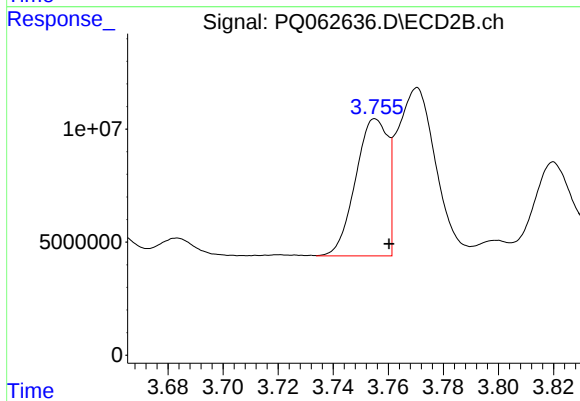
#15 AR-1232-5

R.T.: 4.174 min
Delta R.T.: -0.006 min
Response: 38874978
Conc: 1090.13 ng/ml



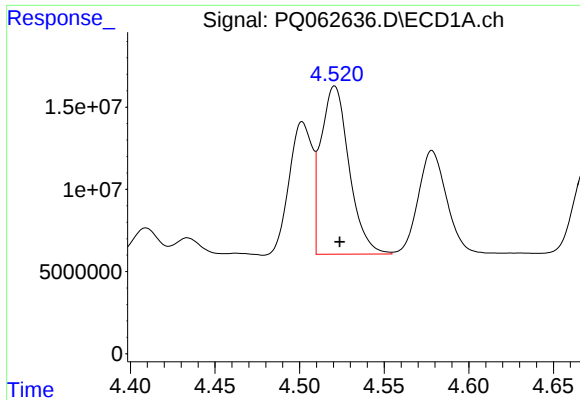
#16 AR-1242-1

R.T.: 4.502 min
Delta R.T.: -0.003 min
Response: 76462421
Conc: 585.00 ng/ml



#16 AR-1242-1

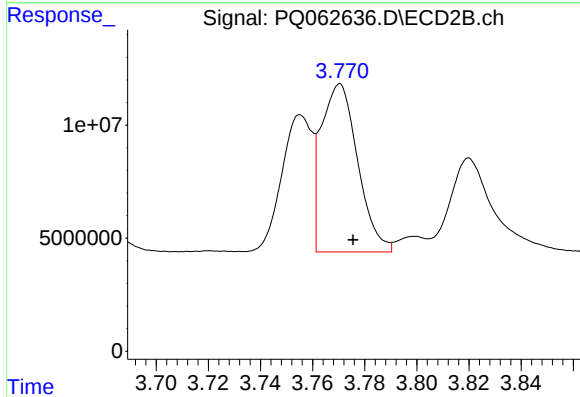
R.T.: 3.755 min
Delta R.T.: -0.005 min
Response: 48936600
Conc: 632.75 ng/ml



#17 AR-1242-2

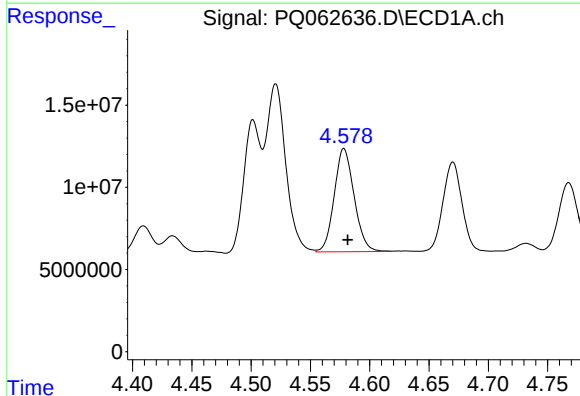
R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 118597007
Conc: 610.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



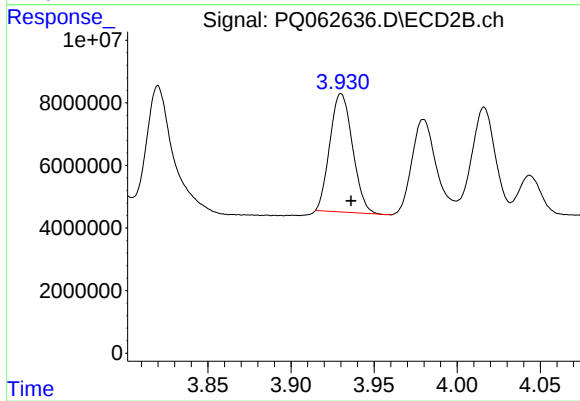
#17 AR-1242-2

R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 72361364
Conc: 650.97 ng/ml



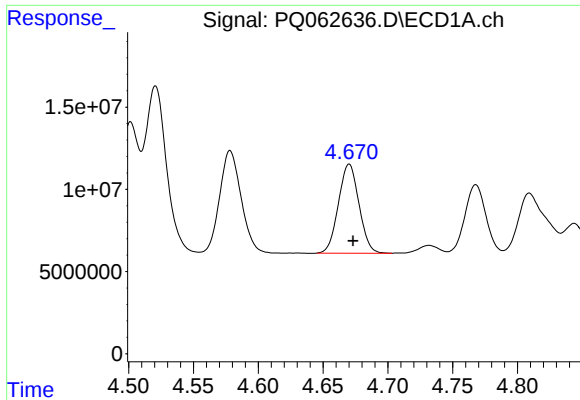
#18 AR-1242-3

R.T.: 4.578 min
Delta R.T.: -0.003 min
Response: 73390466
Conc: 607.32 ng/ml



#18 AR-1242-3

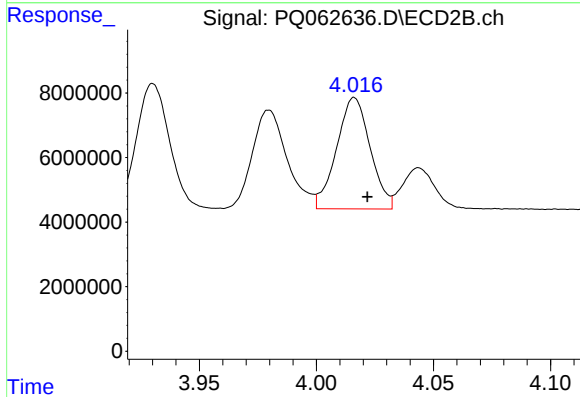
R.T.: 3.930 min
Delta R.T.: -0.006 min
Response: 35953556
Conc: 613.79 ng/ml



#19 AR-1242-4

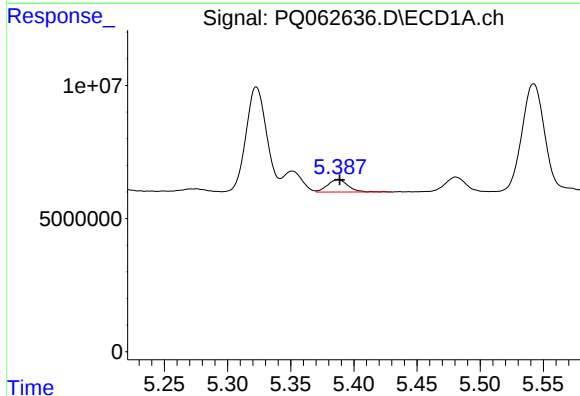
R.T.: 4.670 min
Delta R.T.: -0.003 min
Response: 59866098
Conc: 614.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



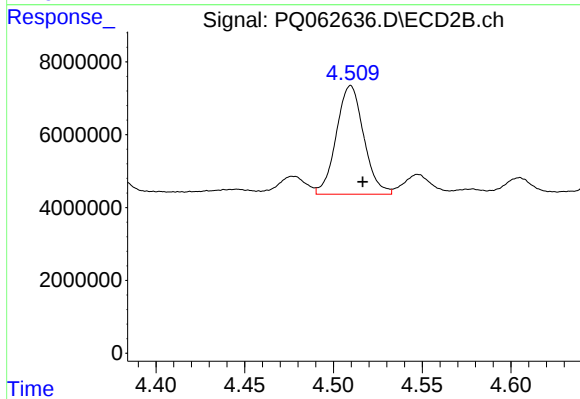
#19 AR-1242-4

R.T.: 4.016 min
Delta R.T.: -0.006 min
Response: 34460618
Conc: 587.78 ng/ml



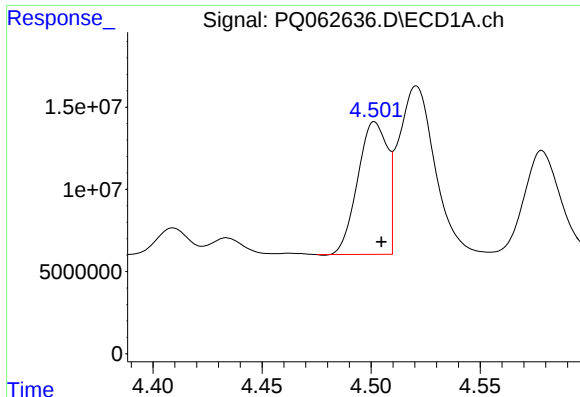
#20 AR-1242-5

R.T.: 5.387 min
Delta R.T.: -0.001 min
Response: 5256458
Conc: 54.91 ng/ml



#20 AR-1242-5

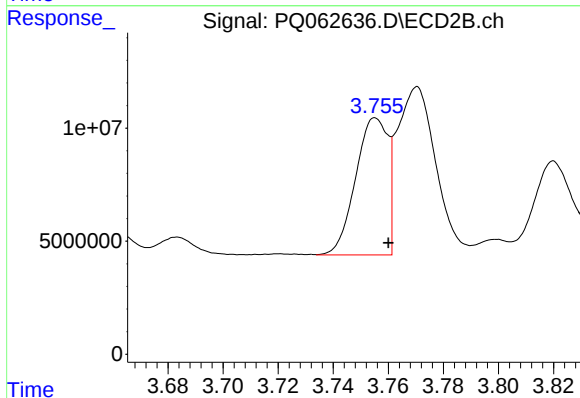
R.T.: 4.510 min
Delta R.T.: -0.007 min
Response: 32120242
Conc: 387.49 ng/ml



#21 AR-1248-1

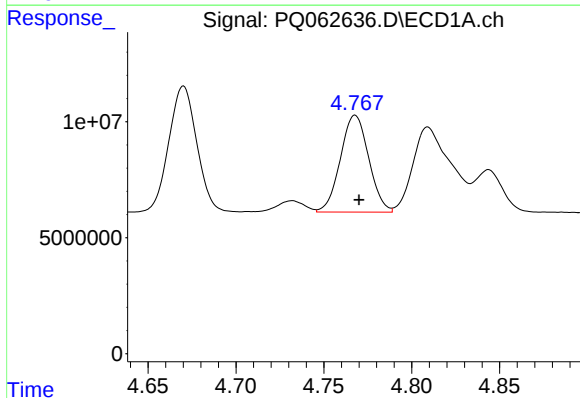
R.T.: 4.502 min
Delta R.T.: -0.003 min
Response: 76462421
Conc: 735.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



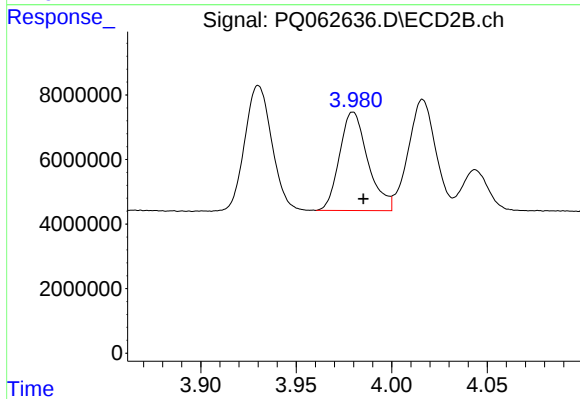
#21 AR-1248-1

R.T.: 3.755 min
Delta R.T.: -0.005 min
Response: 48936600
Conc: 782.73 ng/ml



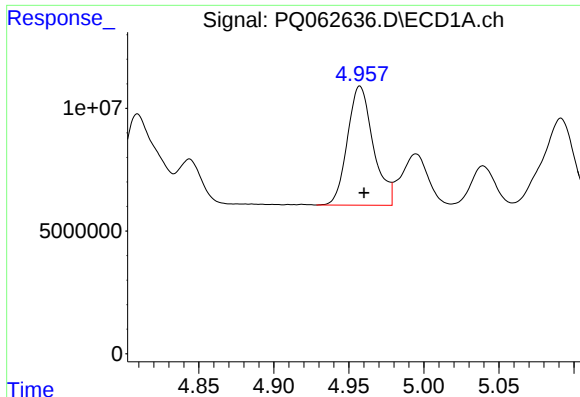
#22 AR-1248-2

R.T.: 4.768 min
Delta R.T.: -0.002 min
Response: 46852051
Conc: 326.13 ng/ml



#22 AR-1248-2

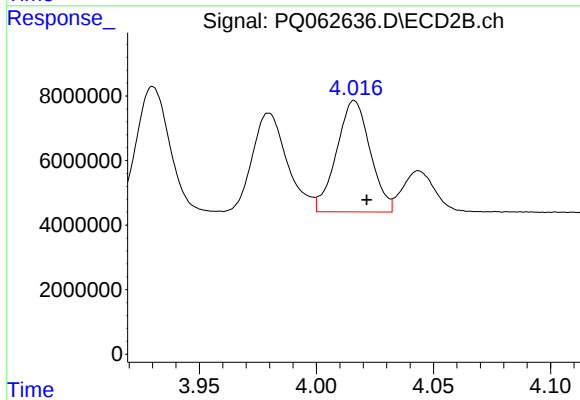
R.T.: 3.980 min
Delta R.T.: -0.005 min
Response: 31596815
Conc: 336.97 ng/ml



#23 AR-1248-3

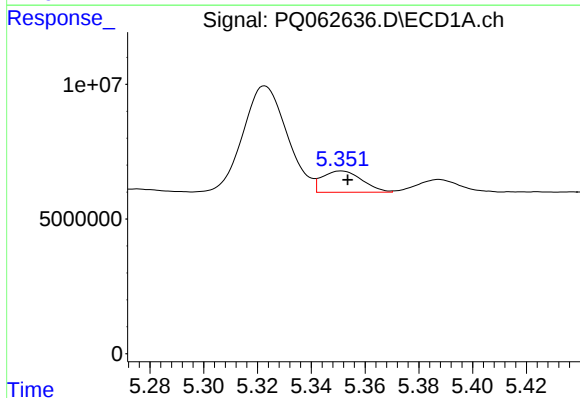
R.T.: 4.957 min
Delta R.T.: -0.003 min
Response: 58108836
Conc: 334.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



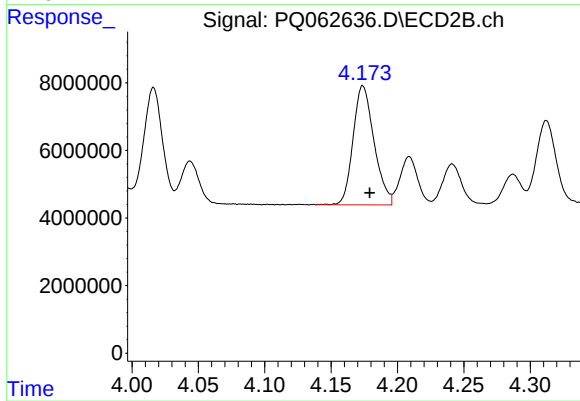
#23 AR-1248-3

R.T.: 4.016 min
Delta R.T.: -0.005 min
Response: 34460618
Conc: 380.60 ng/ml



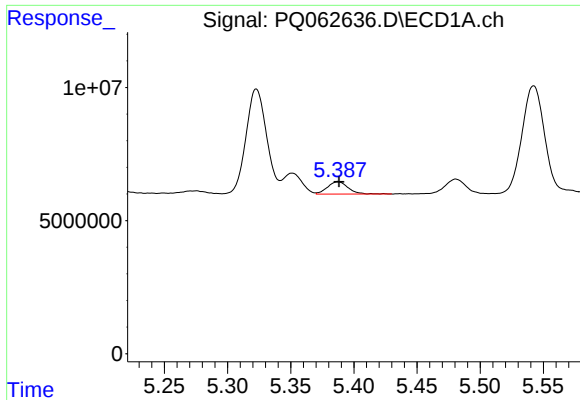
#24 AR-1248-4

R.T.: 5.351 min
Delta R.T.: -0.002 min
Response: 8126795
Conc: 42.34 ng/ml



#24 AR-1248-4

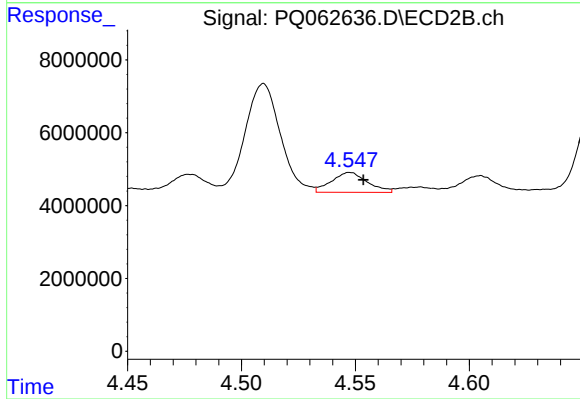
R.T.: 4.174 min
Delta R.T.: -0.005 min
Response: 38874978
Conc: 344.52 ng/ml



#25 AR-1248-5

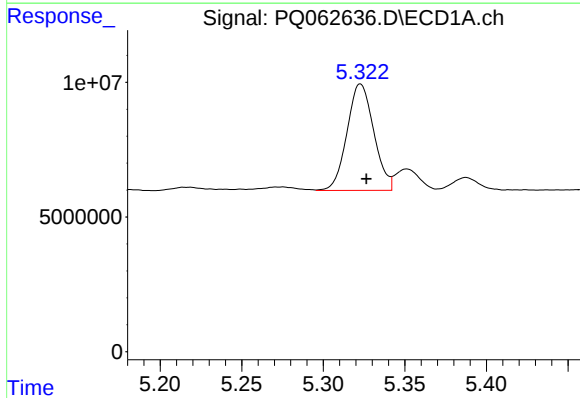
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 5256458
Conc: 29.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



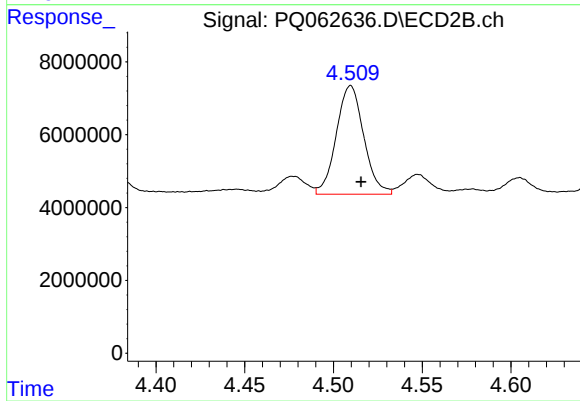
#25 AR-1248-5

R.T.: 4.548 min
Delta R.T.: -0.006 min
Response: 5991855
Conc: 53.48 ng/ml



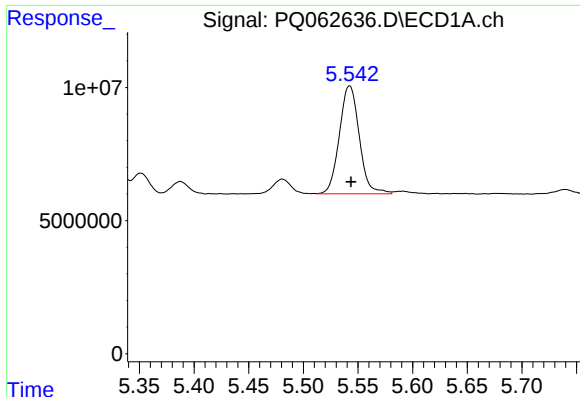
#26 AR-1254-1

R.T.: 5.323 min
Delta R.T.: -0.004 min
Response: 45086094
Conc: 242.63 ng/ml



#26 AR-1254-1

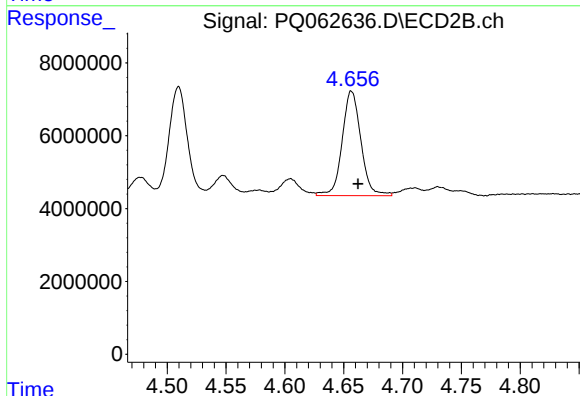
R.T.: 4.510 min
Delta R.T.: -0.006 min
Response: 32120242
Conc: 198.93 ng/ml



#27 AR-1254-2

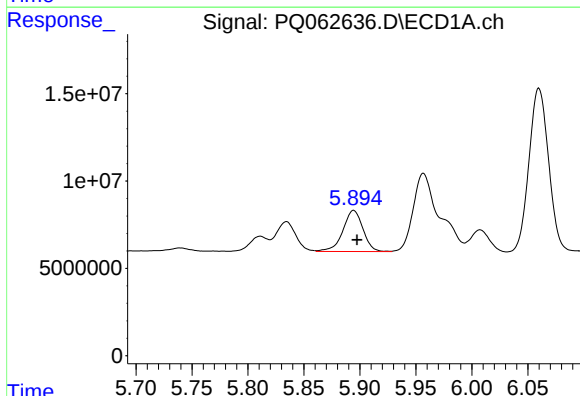
R.T.: 5.542 min
Delta R.T.: -0.001 min
Response: 51470207
Conc: 177.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



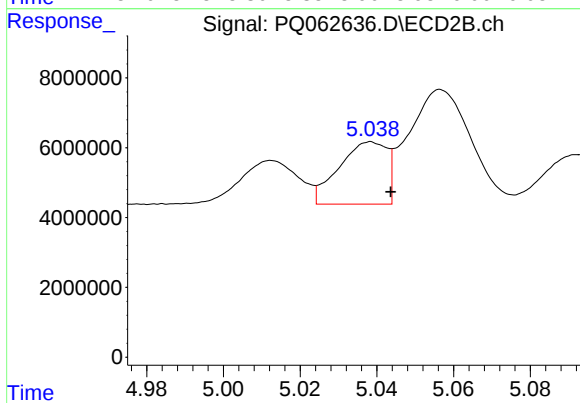
#27 AR-1254-2

R.T.: 4.657 min
Delta R.T.: -0.006 min
Response: 31823234
Conc: 216.15 ng/ml



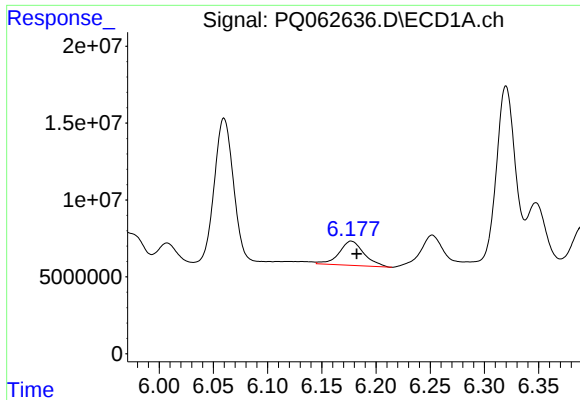
#28 AR-1254-3

R.T.: 5.894 min
Delta R.T.: -0.003 min
Response: 29476165
Conc: 95.97 ng/ml



#28 AR-1254-3

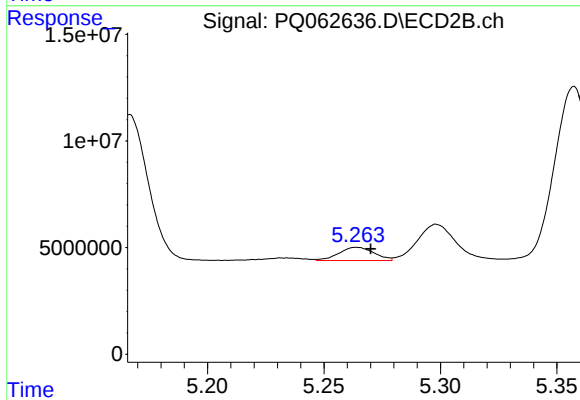
R.T.: 5.039 min
Delta R.T.: -0.005 min
Response: 15476532
Conc: 66.22 ng/ml



#29 AR-1254-4

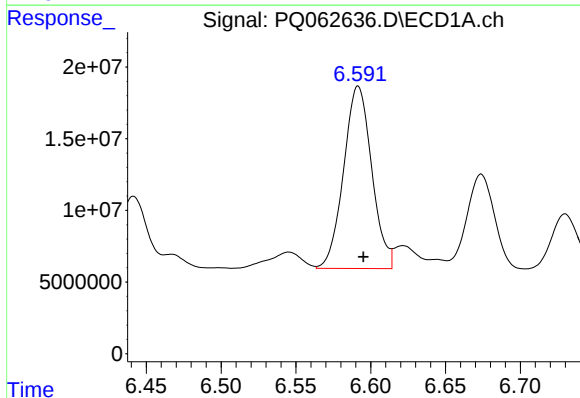
R.T.: 6.177 min
Delta R.T.: -0.005 min
Response: 25314336
Conc: 109.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



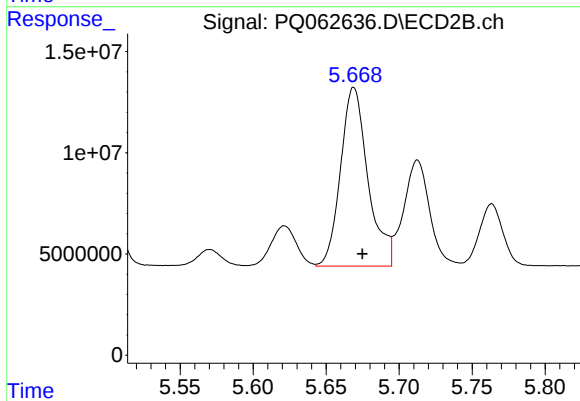
#29 AR-1254-4

R.T.: 5.264 min
Delta R.T.: -0.006 min
Response: 6524469
Conc: 42.81 ng/ml



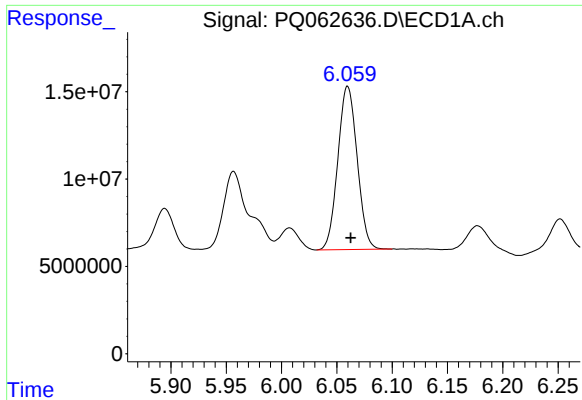
#30 AR-1254-5

R.T.: 6.592 min
Delta R.T.: -0.003 min
Response: 166534175
Conc: 648.32 ng/ml



#30 AR-1254-5

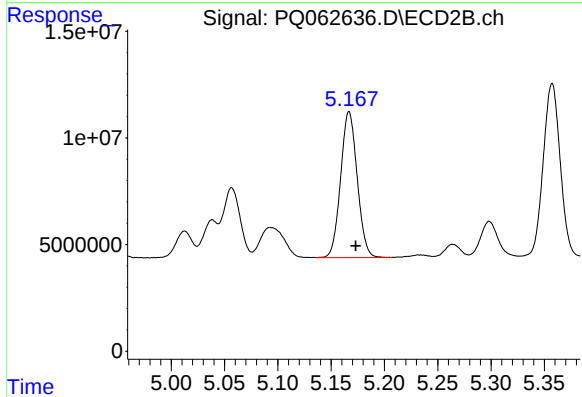
R.T.: 5.669 min
Delta R.T.: -0.006 min
Response: 115494045
Conc: 500.42 ng/ml



#31 AR-1260-1

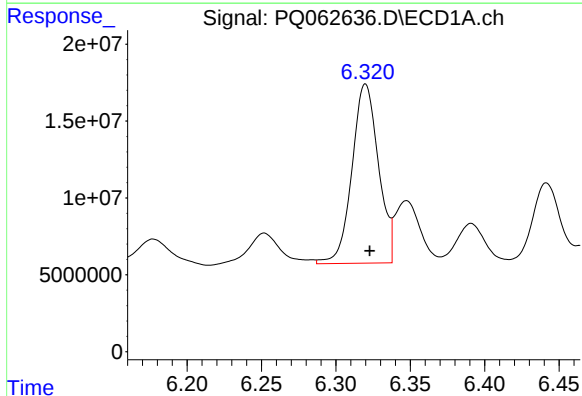
R.T.: 6.060 min
Delta R.T.: -0.003 min
Response: 113670818
Conc: 481.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



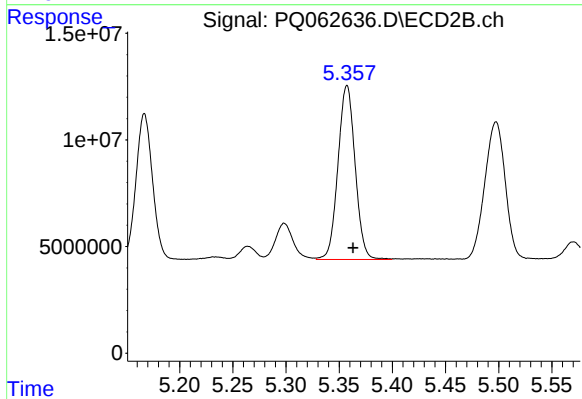
#31 AR-1260-1

R.T.: 5.167 min
Delta R.T.: -0.006 min
Response: 74129611
Conc: 445.08 ng/ml



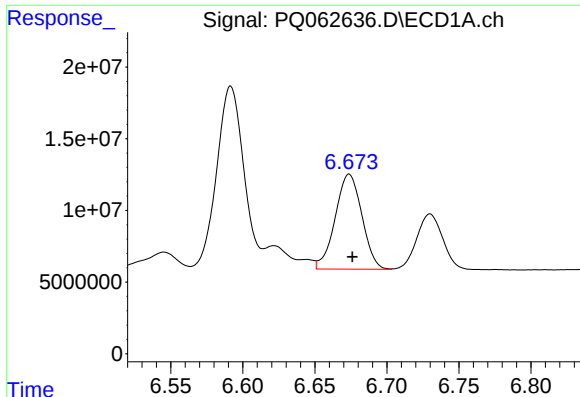
#32 AR-1260-2

R.T.: 6.320 min
Delta R.T.: -0.003 min
Response: 144378037
Conc: 499.90 ng/ml



#32 AR-1260-2

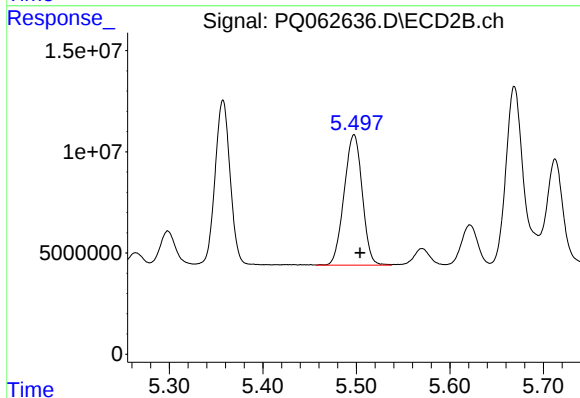
R.T.: 5.357 min
Delta R.T.: -0.006 min
Response: 91644127
Conc: 440.71 ng/ml



#33 AR-1260-3

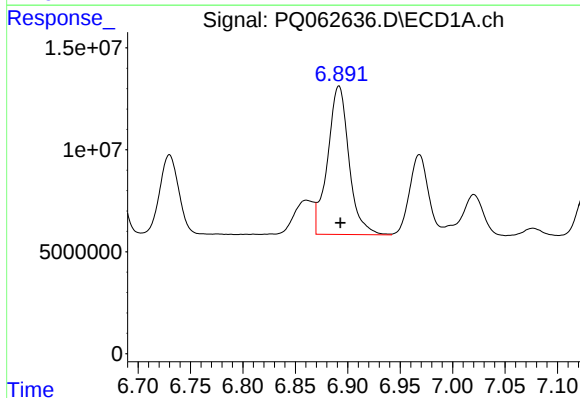
R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 85588121
Conc: 484.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



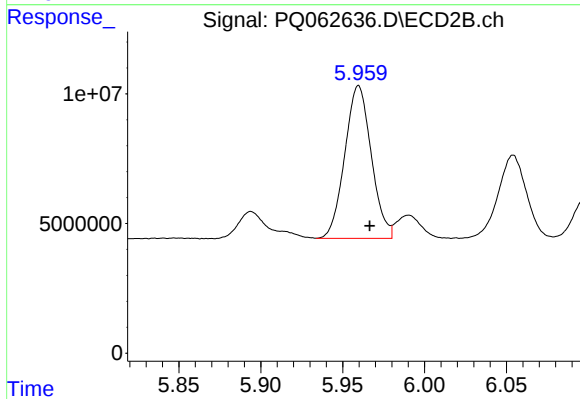
#33 AR-1260-3

R.T.: 5.498 min
Delta R.T.: -0.006 min
Response: 86860880
Conc: 446.45 ng/ml



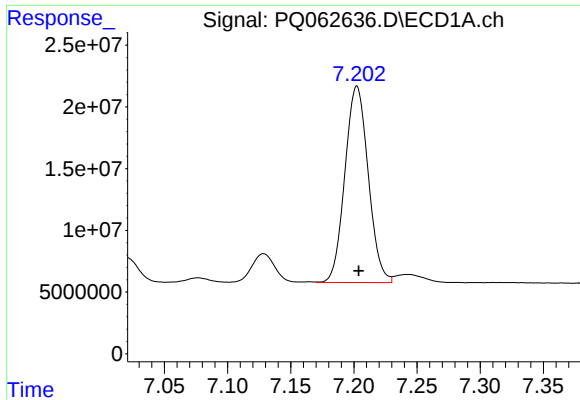
#34 AR-1260-4

R.T.: 6.892 min
Delta R.T.: -0.001 min
Response: 103145295
Conc: 489.65 ng/ml



#34 AR-1260-4

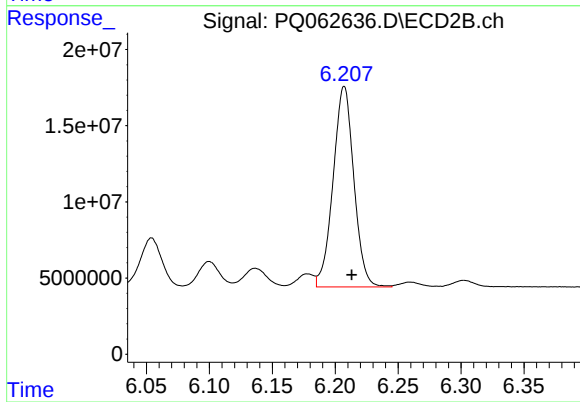
R.T.: 5.960 min
Delta R.T.: -0.007 min
Response: 66287612
Conc: 454.46 ng/ml



#35 AR-1260-5

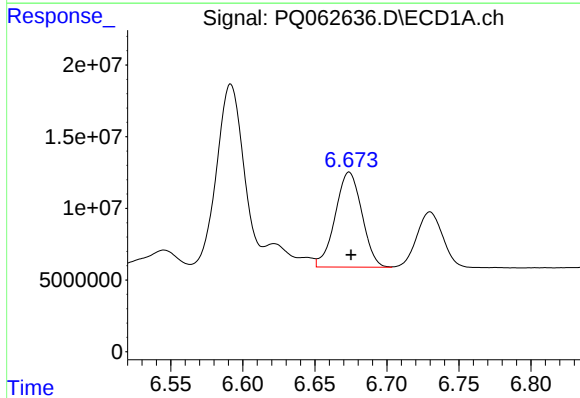
R.T.: 7.202 min
Delta R.T.: -0.002 min
Response: 204641246
Conc: 498.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



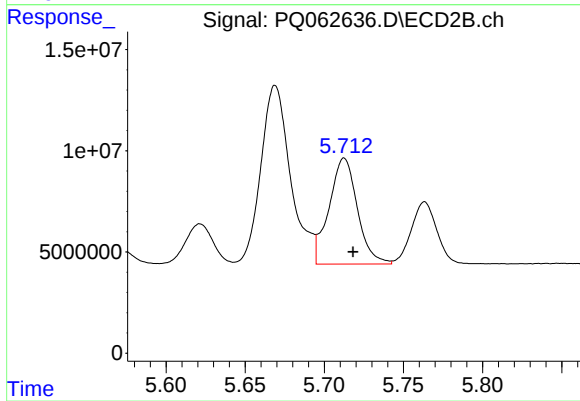
#35 AR-1260-5

R.T.: 6.207 min
Delta R.T.: -0.006 min
Response: 151446389
Conc: 456.08 ng/ml



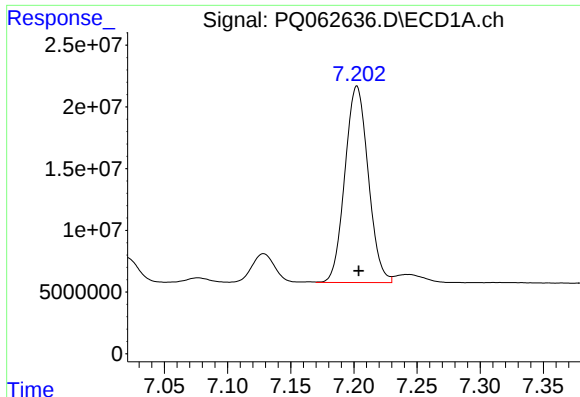
#36 AR-1262-1

R.T.: 6.674 min
Delta R.T.: -0.001 min
Response: 85588121
Conc: 280.67 ng/ml



#36 AR-1262-1

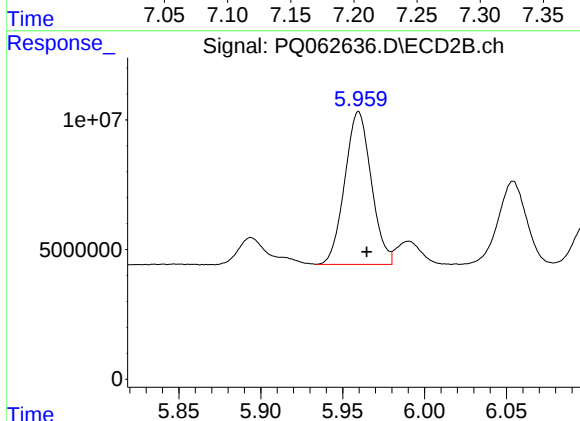
R.T.: 5.713 min
Delta R.T.: -0.006 min
Response: 65363836
Conc: 281.17 ng/ml



#37 AR-1262-2

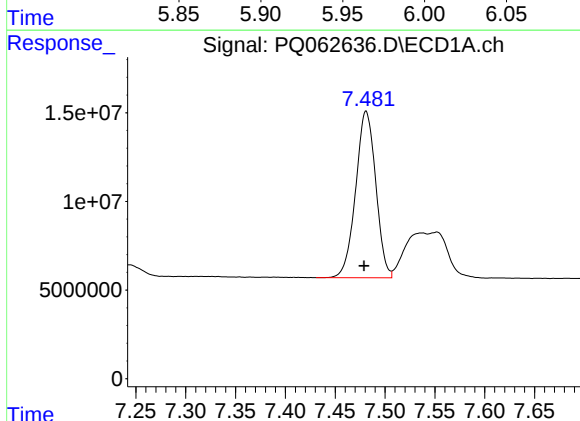
R.T.: 7.202 min
Delta R.T.: -0.002 min
Response: 204641246
Conc: 388.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



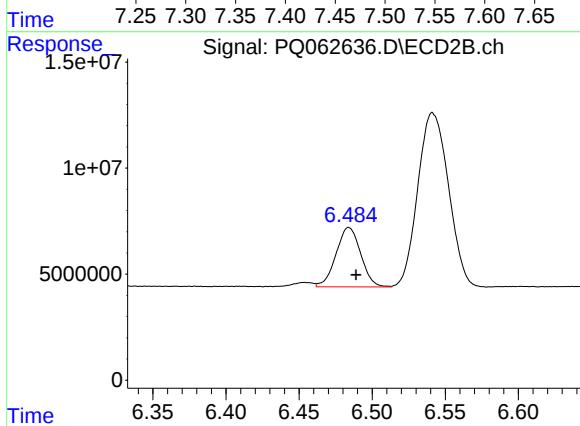
#37 AR-1262-2

R.T.: 5.960 min
Delta R.T.: -0.005 min
Response: 66287612
Conc: 306.59 ng/ml



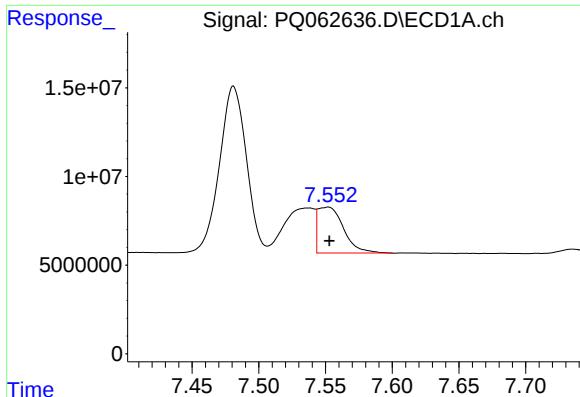
#38 AR-1262-3

R.T.: 7.481 min
Delta R.T.: 0.002 min
Response: 131823880
Conc: 374.18 ng/ml



#38 AR-1262-3

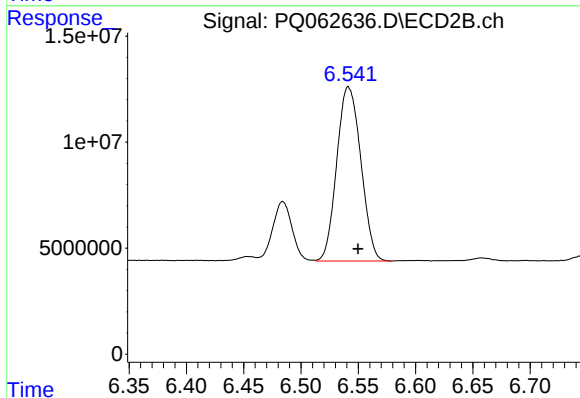
R.T.: 6.484 min
Delta R.T.: -0.005 min
Response: 32990718
Conc: 189.25 ng/ml



#39 AR-1262-4

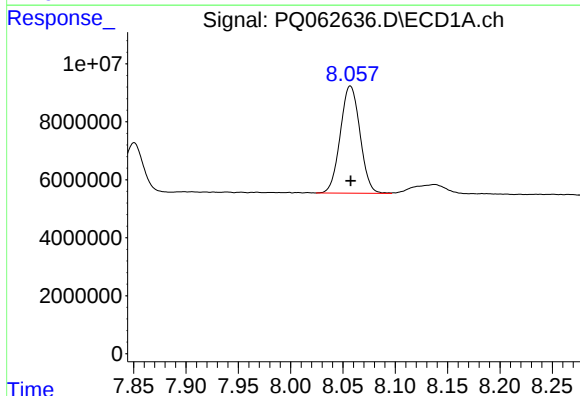
R.T.: 7.552 min
Delta R.T.: 0.000 min
Response: 34734775
Conc: 130.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



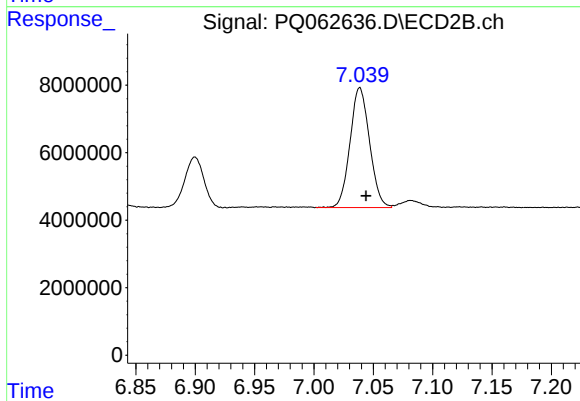
#39 AR-1262-4

R.T.: 6.541 min
Delta R.T.: -0.009 min
Response: 120137591
Conc: 372.76 ng/ml



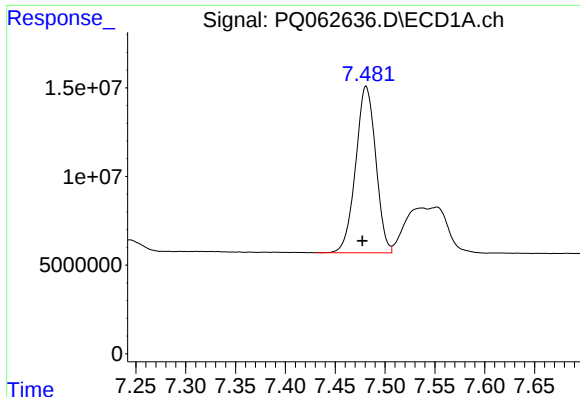
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 48413419
Conc: 272.74 ng/ml



#40 AR-1262-5

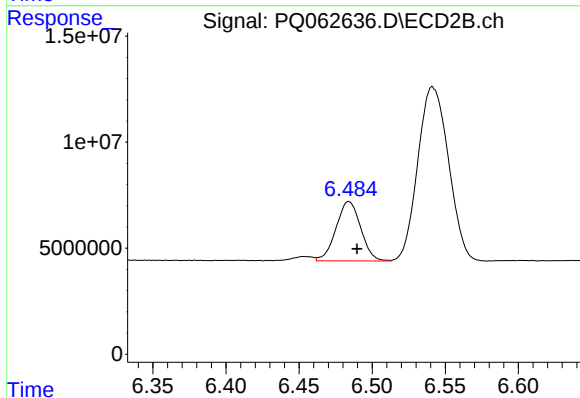
R.T.: 7.039 min
Delta R.T.: -0.005 min
Response: 40671799
Conc: 262.20 ng/ml



#41 AR-1268-1

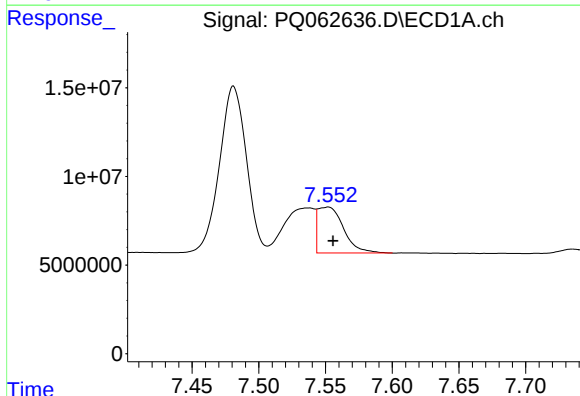
R.T.: 7.481 min
Delta R.T.: 0.004 min
Response: 131823880
Conc: 232.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



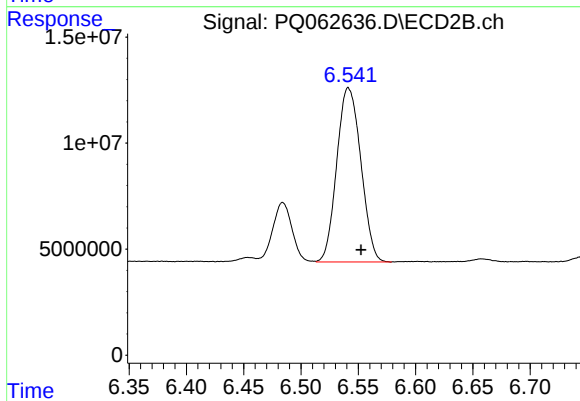
#41 AR-1268-1

R.T.: 6.484 min
Delta R.T.: -0.005 min
Response: 32990718
Conc: 70.11 ng/ml



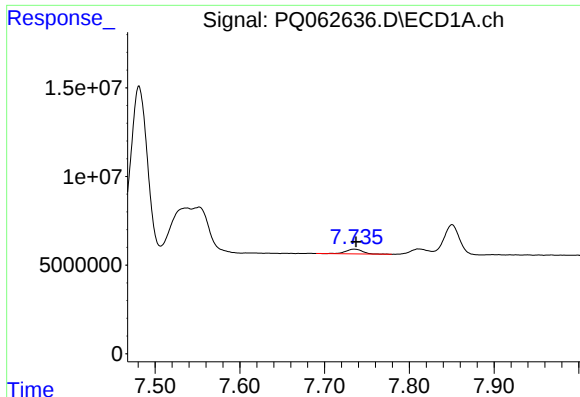
#42 AR-1268-2

R.T.: 7.552 min
Delta R.T.: -0.004 min
Response: 34734775
Conc: 68.12 ng/ml



#42 AR-1268-2

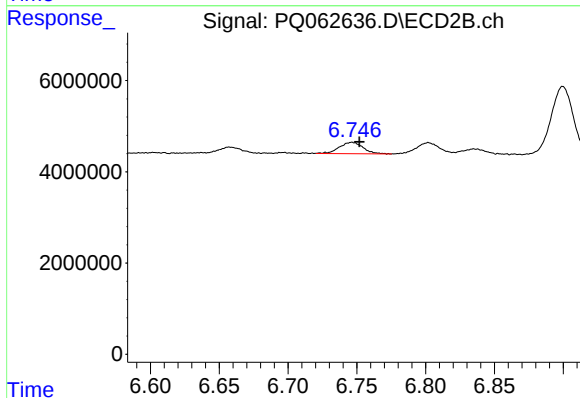
R.T.: 6.541 min
Delta R.T.: -0.011 min
Response: 120137591
Conc: 283.54 ng/ml



#43 AR-1268-3

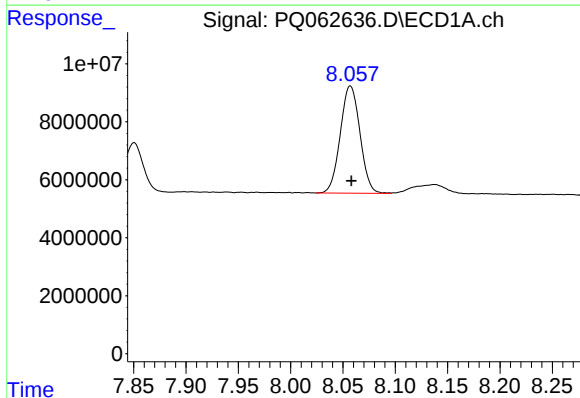
R.T.: 7.735 min
Delta R.T.: -0.002 min
Response: 3800666
Conc: 8.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



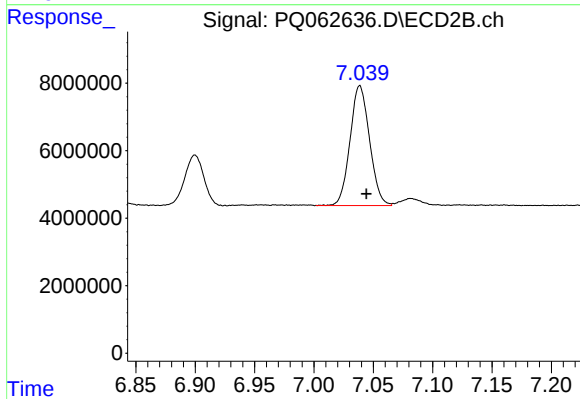
#43 AR-1268-3

R.T.: 6.747 min
Delta R.T.: -0.005 min
Response: 3010495
Conc: 8.17 ng/ml



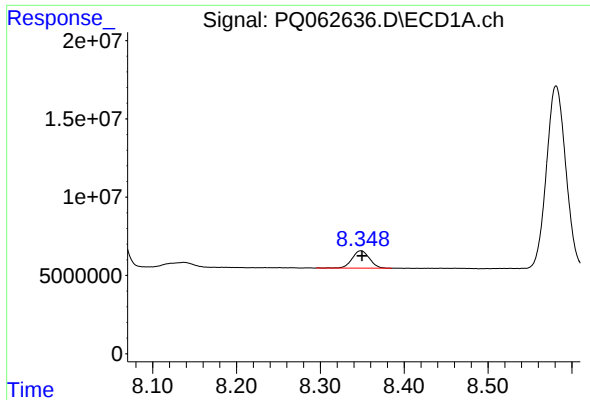
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 48413419
Conc: 264.58 ng/ml



#44 AR-1268-4

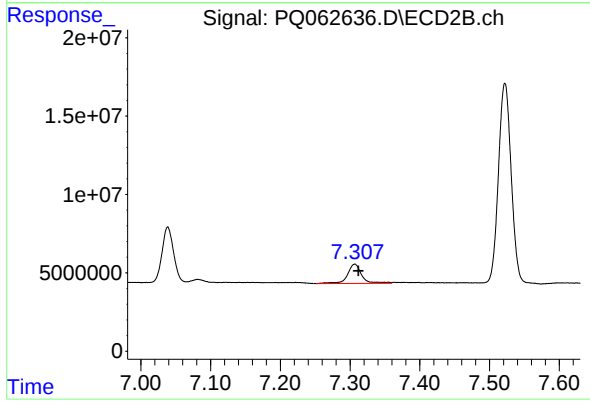
R.T.: 7.039 min
Delta R.T.: -0.006 min
Response: 40671799
Conc: 254.30 ng/ml



#45 AR-1268-5

R.T.: 8.348 min
Delta R.T.: -0.001 min
Response: 15995222
Conc: 12.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 7.307 min
Delta R.T.: -0.005 min
Response: 17385547
Conc: 14.90 ng/ml