

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090418\
 Data File : PQ031655.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2018 19:20
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 03:43:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 04:27:04 2018
 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...	4.601	3.879	94558112	74479523	64.800	65.366
2)	SA Decachlor...	10.458	8.963	93511039	86309709	43.610	41.184
Target Compounds							
3)	L1 AR-1016-1	5.314	4.562	22839853	18711147	584.857	583.222
4)	L1 AR-1016-2	5.511	4.979	23257845	27538668	579.842	549.175
5)	L1 AR-1016-3	5.779	4.998	33817700	39366322	550.446	546.258
6)	L1 AR-1016-4	5.864	5.055	29792391	25358496	552.123	570.253
7)	L1 AR-1016-5	6.259	5.433	24758924	20964274	544.687	522.730
8)	L2 AR-1221-1	4.807	4.094	2730542	2265716	155.992	163.776
9)	L2 AR-1221-2	4.899	4.183	3970195	3324661	303.753	305.284
10)	L2 AR-1221-3	4.977	4.260	16219179	12986922	377.609	374.200
11)	L3 AR-1232-1	5.802	4.758	48090496	20057180	1589.431	1590.089
12)	L3 AR-1232-2	5.965	4.872	23994001	5455612	1547.631	1521.588
13)	L3 AR-1232-3	6.136	5.259	8206554	21279004	2004.235	1726.167
14)	L3 AR-1232-4	6.469	5.584	6291019	24315824	1416.606	1610.848
15)	L3 AR-1232-5	7.333	6.166	1877191	924967	706.037	355.884 #
16)	L4 AR-1242-1	5.345	4.583	13637802	10168408	745.883	726.949
17)	L4 AR-1242-2	6.098	5.178	21783440	21810235	707.735	760.051
18)	L4 AR-1242-3	6.300	5.291	10352211	7313812	642.119	761.160
19)	L4 AR-1242-4	6.345	5.657	7507154	5692191	552.738	647.176
20)	L4 AR-1242-5	6.400	6.030	26023978	1989338	663.631	86.969 #
21)	L5 AR-1248-1	6.052	5.216	20885090	17068519	368.203	361.514
22)	L5 AR-1248-2	6.637	5.787	23803603	23634452	400.742	253.565 #
23)	L5 AR-1248-3	6.662	5.827	8488315	5832915	106.547	91.254
24)	L5 AR-1248-4	6.703	6.030	7373267	1989338	96.875	34.566 #
25)	L5 AR-1248-5	6.853	6.354	20377271	39538428	398.315	856.103 #
26)	L6 AR-1254-1	6.853	5.932	20377271	17073174	140.480	171.033
27)	L6 AR-1254-2	7.138	6.250	3424483	3313465	38.085	37.787
28)	L6 AR-1254-3	7.224	6.568	9977539	2793789	60.880	24.179 #
29)	L6 AR-1254-4	7.509	6.894	6707156	5777869	54.849	69.583 #
30)	L6 AR-1254-5	7.772	6.986	27118025	68151843	285.771	409.908 #
31)	L7 AR-1260-1	7.386	6.469	50910372	48825535	463.353	483.410
32)	L7 AR-1260-2	7.642	6.656	62265889	60570407	469.966	468.841
33)	L7 AR-1260-3	7.928	6.813	73380902	55996215	465.011	465.670
34)	L7 AR-1260-4	8.236	7.285	52573128	45716612	449.571	442.105
35)	L7 AR-1260-5	8.566	7.525	107.5E6	113.3E6	452.562	445.099
36)	L8 AR-1262-1	7.279	6.354	27853348	39538428	483.576	787.914 #
37)	L8 AR-1262-2	8.061	7.077	23768679	24004388	444.589	441.069
38)	L8 AR-1262-3	8.320	7.383	24859071	24687671	406.378	398.089
39)	L8 AR-1262-4	8.968	7.809	39204362	22954164	306.237	219.167 #
40)	L8 AR-1262-5	9.673	8.381	28225048	26411920	292.757	279.154
41)	L9 AR-1268-1	8.002	7.023	44950984	48357184	846.813	898.050

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 Acq On : 04 Sep 2018 19:20
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

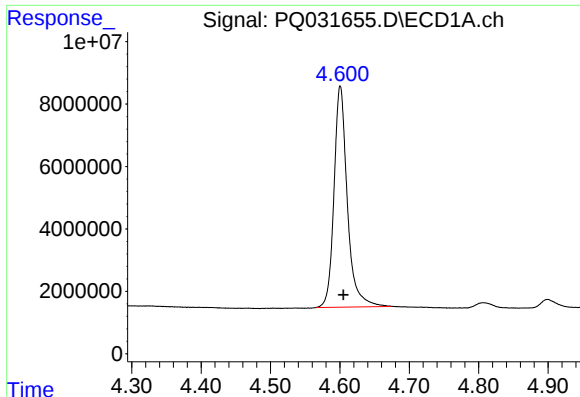
Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 03:43:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
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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	8.236	7.873	52573128	81623005	753.257	270.021 #
43) L9	AR-1268-3	8.909	8.083	68018549	2093824	208.715	8.370 #
44) L9	AR-1268-4	9.226	8.177	1999323	1832342	7.995	27.235 #
45) L9	AR-1268-5	10.108	8.690	7989306	6892428	9.343	8.185

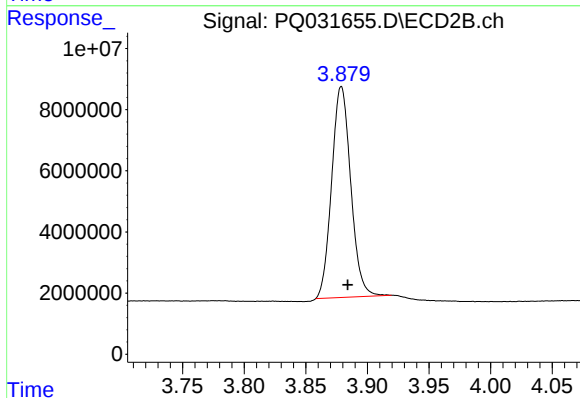
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

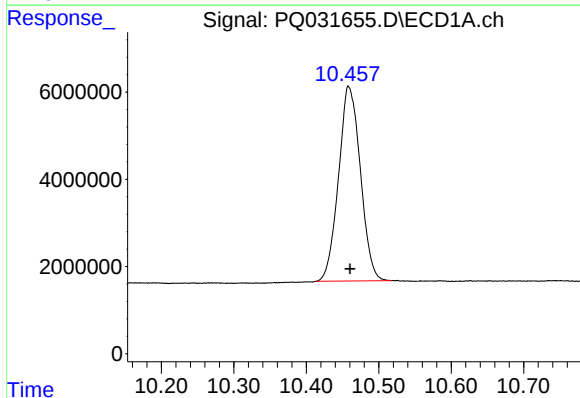
R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 94558112
Conc: 64.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



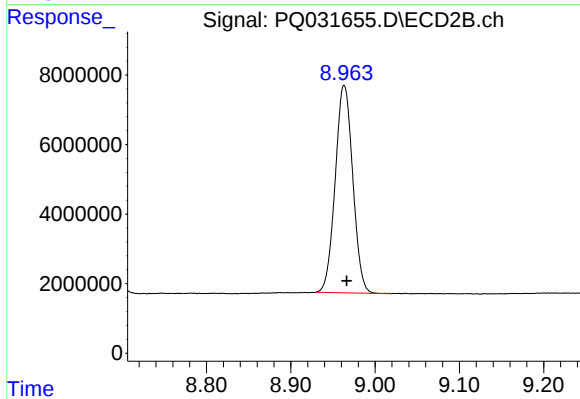
#1 Tetrachloro-m-xylene

R.T.: 3.879 min
Delta R.T.: -0.005 min
Response: 74479523
Conc: 65.37 ng/ml



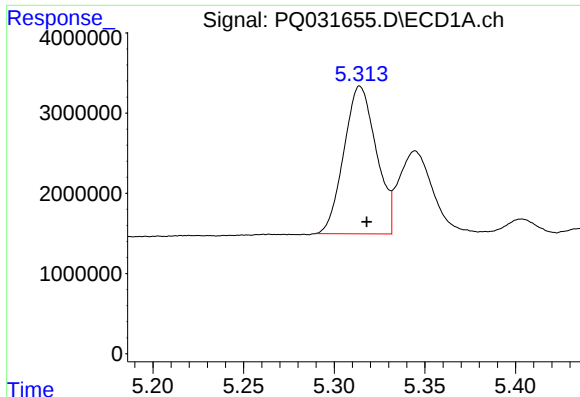
#2 Decachlorobiphenyl

R.T.: 10.458 min
Delta R.T.: -0.002 min
Response: 93511039
Conc: 43.61 ng/ml



#2 Decachlorobiphenyl

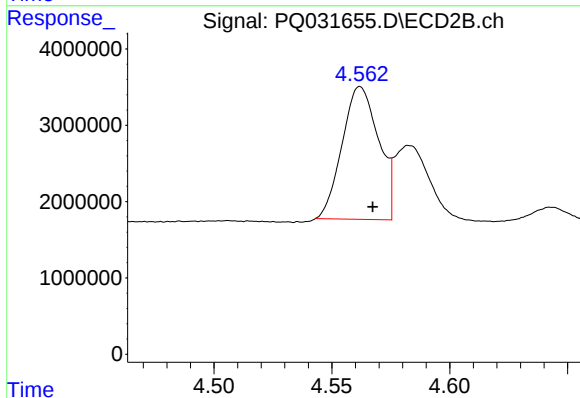
R.T.: 8.963 min
Delta R.T.: -0.003 min
Response: 86309709
Conc: 41.18 ng/ml



#3 AR-1016-1

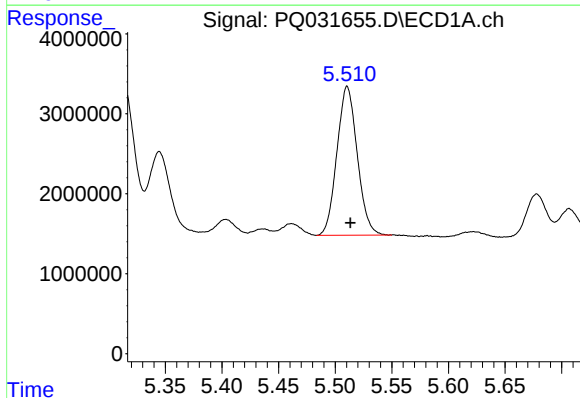
R.T.: 5.314 min
Delta R.T.: -0.004 min
Response: 22839853
Conc: 584.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



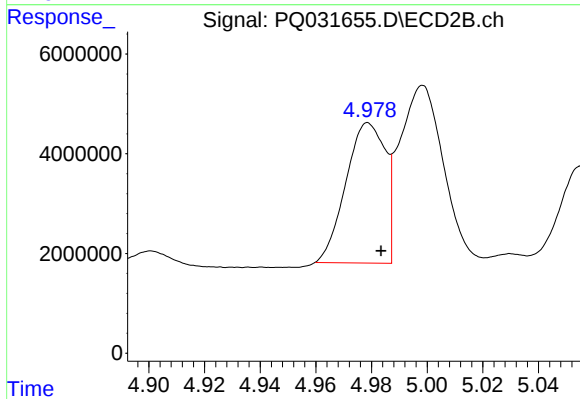
#3 AR-1016-1

R.T.: 4.562 min
Delta R.T.: -0.005 min
Response: 18711147
Conc: 583.22 ng/ml



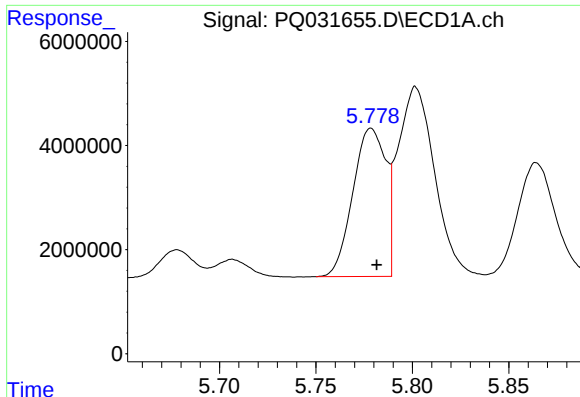
#4 AR-1016-2

R.T.: 5.511 min
Delta R.T.: -0.003 min
Response: 23257845
Conc: 579.84 ng/ml



#4 AR-1016-2

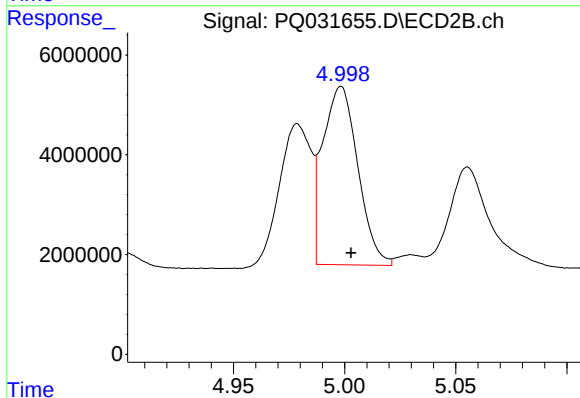
R.T.: 4.979 min
Delta R.T.: -0.005 min
Response: 27538668
Conc: 549.17 ng/ml



#5 AR-1016-3

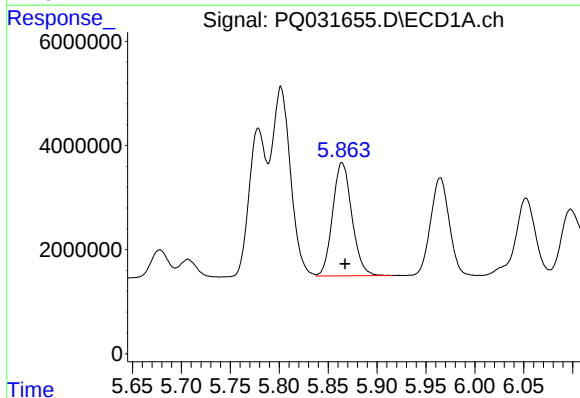
R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 33817700
Conc: 550.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



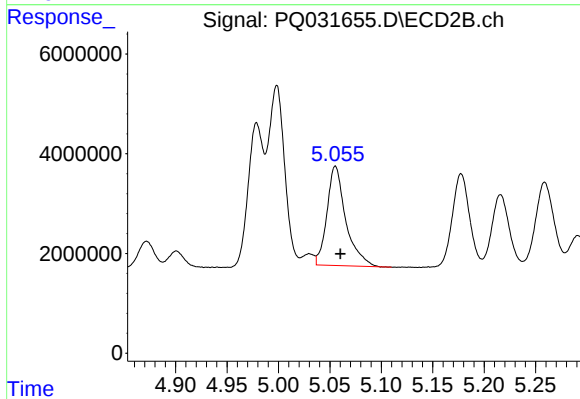
#5 AR-1016-3

R.T.: 4.998 min
Delta R.T.: -0.004 min
Response: 39366322
Conc: 546.26 ng/ml



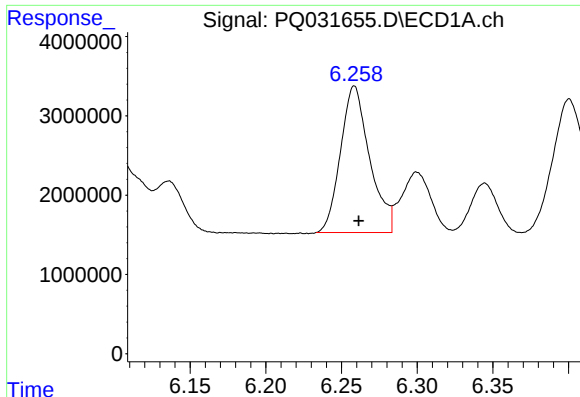
#6 AR-1016-4

R.T.: 5.864 min
Delta R.T.: -0.003 min
Response: 29792391
Conc: 552.12 ng/ml



#6 AR-1016-4

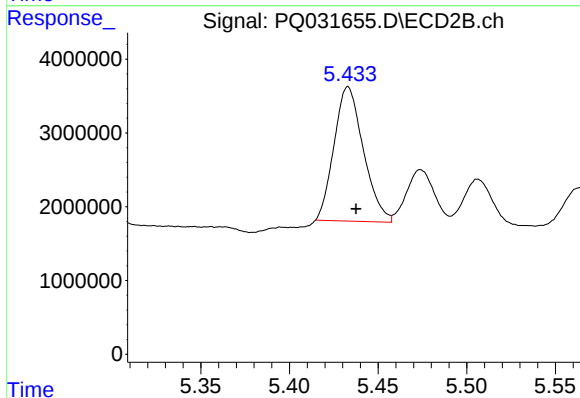
R.T.: 5.055 min
Delta R.T.: -0.005 min
Response: 25358496
Conc: 570.25 ng/ml



#7 AR-1016-5

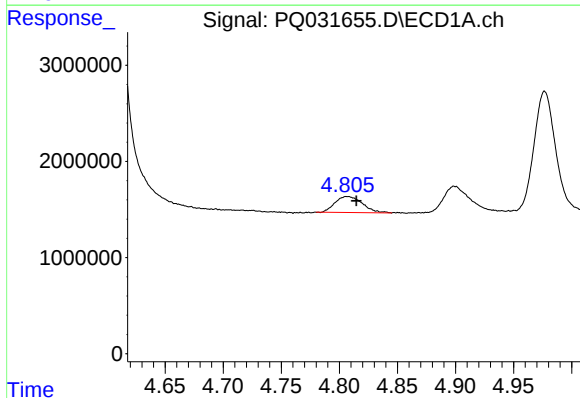
R.T.: 6.259 min
Delta R.T.: -0.003 min
Response: 24758924
Conc: 544.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



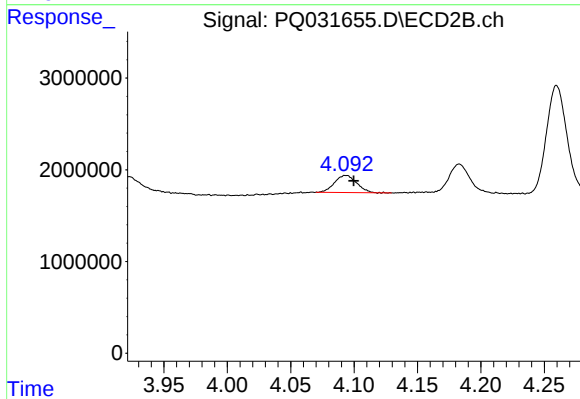
#7 AR-1016-5

R.T.: 5.433 min
Delta R.T.: -0.004 min
Response: 20964274
Conc: 522.73 ng/ml



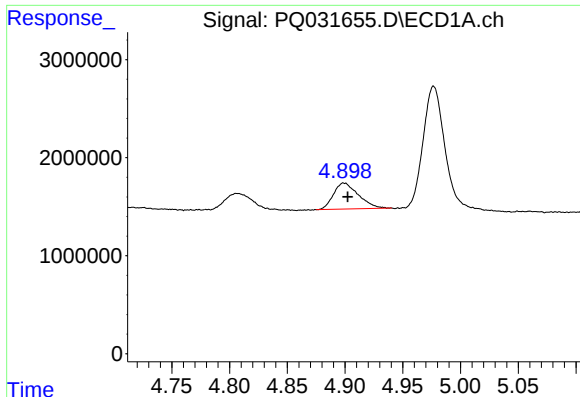
#8 AR-1221-1

R.T.: 4.807 min
Delta R.T.: -0.008 min
Response: 2730542
Conc: 155.99 ng/ml



#8 AR-1221-1

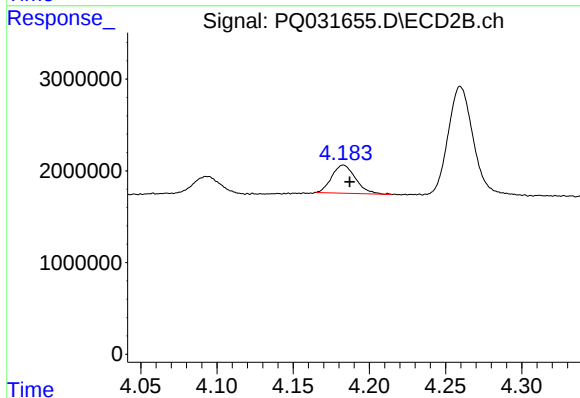
R.T.: 4.094 min
Delta R.T.: -0.006 min
Response: 2265716
Conc: 163.78 ng/ml



#9 AR-1221-2

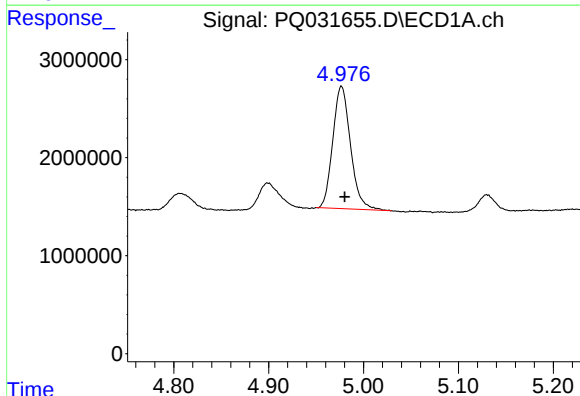
R.T.: 4.899 min
Delta R.T.: -0.003 min
Response: 3970195
Conc: 303.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



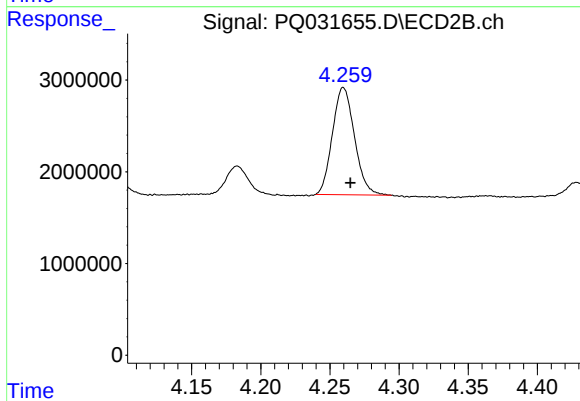
#9 AR-1221-2

R.T.: 4.183 min
Delta R.T.: -0.004 min
Response: 3324661
Conc: 305.28 ng/ml



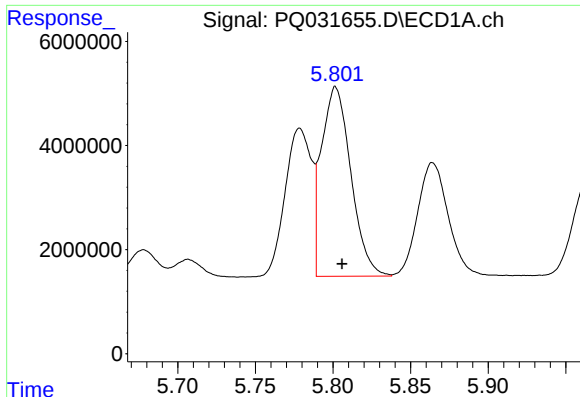
#10 AR-1221-3

R.T.: 4.977 min
Delta R.T.: -0.003 min
Response: 16219179
Conc: 377.61 ng/ml



#10 AR-1221-3

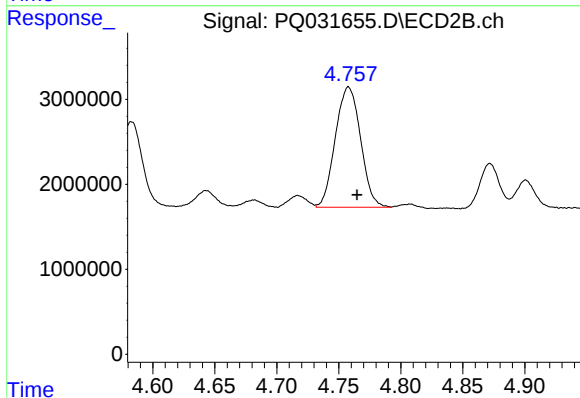
R.T.: 4.260 min
Delta R.T.: -0.005 min
Response: 12986922
Conc: 374.20 ng/ml



#11 AR-1232-1

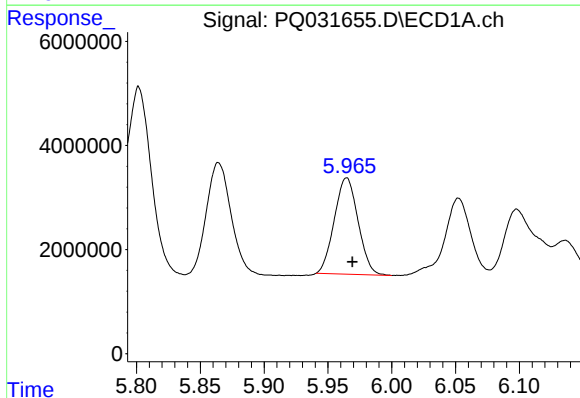
R.T.: 5.802 min
Delta R.T.: -0.004 min
Response: 48090496
Conc: 1589.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



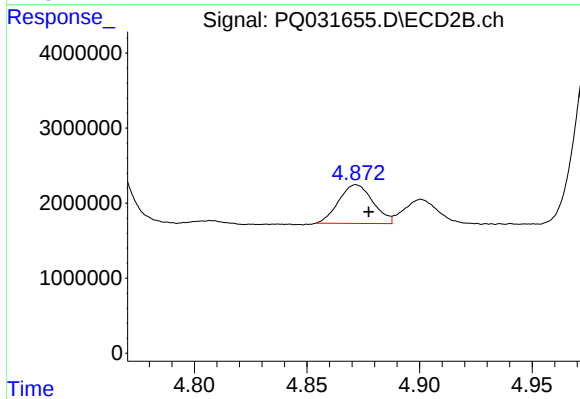
#11 AR-1232-1

R.T.: 4.758 min
Delta R.T.: -0.007 min
Response: 20057180
Conc: 1590.09 ng/ml



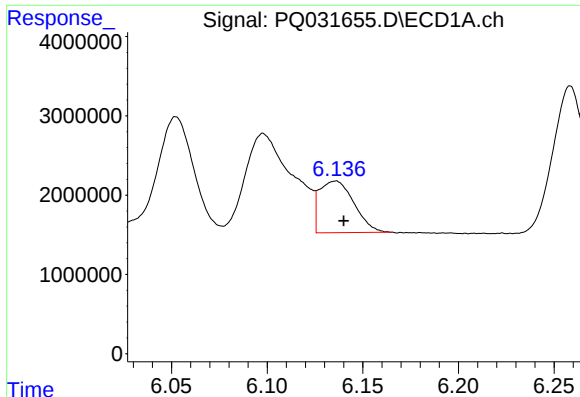
#12 AR-1232-2

R.T.: 5.965 min
Delta R.T.: -0.004 min
Response: 23994001
Conc: 1547.63 ng/ml



#12 AR-1232-2

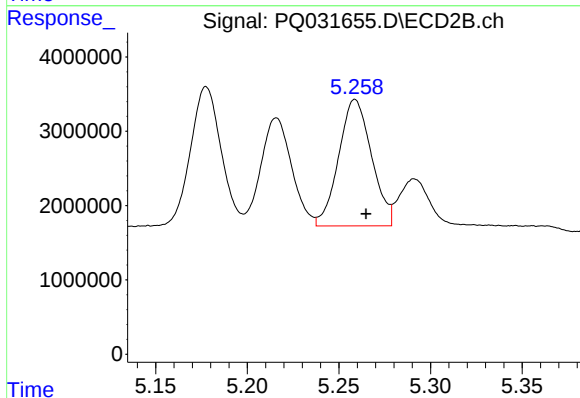
R.T.: 4.872 min
Delta R.T.: -0.006 min
Response: 5455612
Conc: 1521.59 ng/ml



#13 AR-1232-3

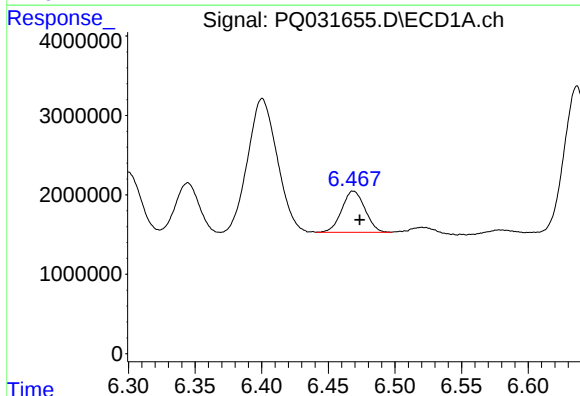
R.T.: 6.136 min
Delta R.T.: -0.004 min
Response: 8206554
Conc: 2004.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



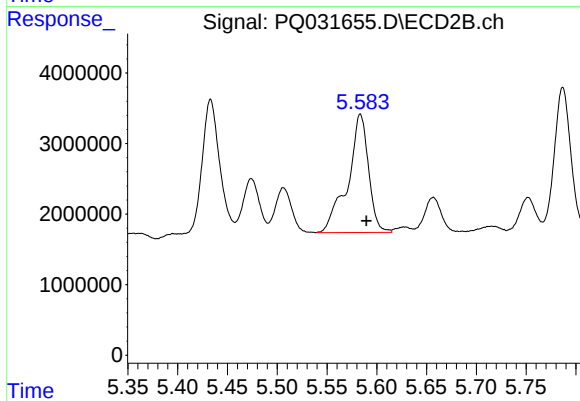
#13 AR-1232-3

R.T.: 5.259 min
Delta R.T.: -0.006 min
Response: 21279004
Conc: 1726.17 ng/ml



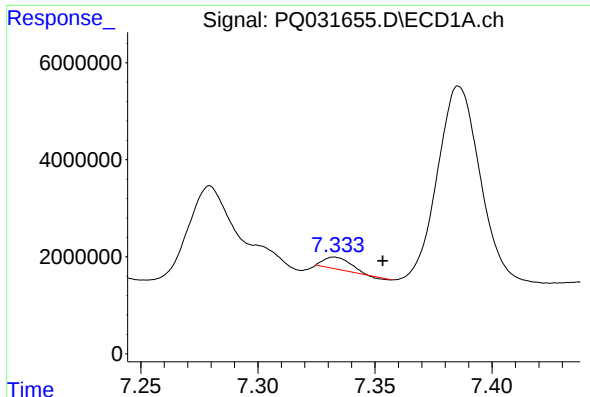
#14 AR-1232-4

R.T.: 6.469 min
Delta R.T.: -0.005 min
Response: 6291019
Conc: 1416.61 ng/ml



#14 AR-1232-4

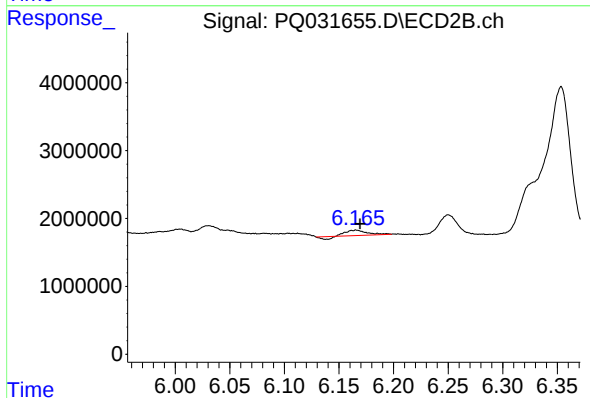
R.T.: 5.584 min
Delta R.T.: -0.006 min
Response: 24315824
Conc: 1610.85 ng/ml



#15 AR-1232-5

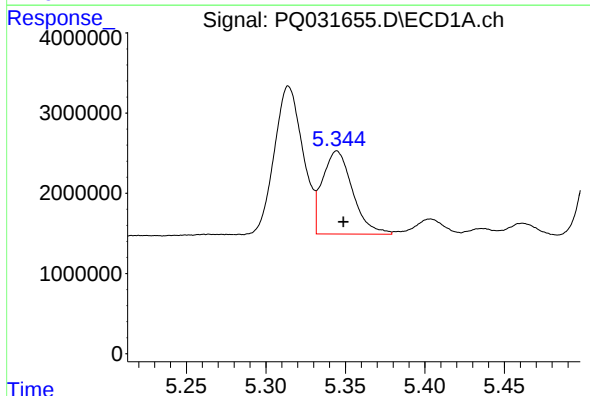
R.T.: 7.333 min
Delta R.T.: -0.021 min
Response: 1877191
Conc: 706.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



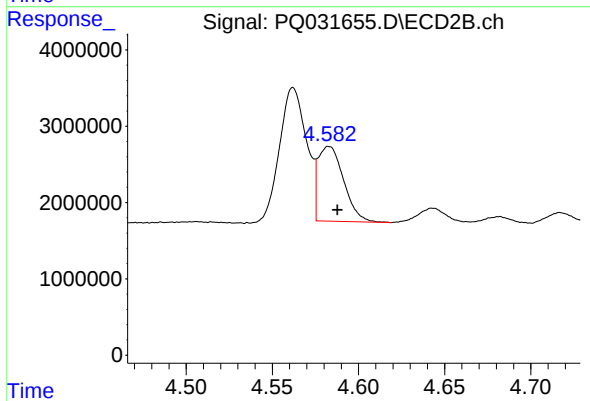
#15 AR-1232-5

R.T.: 6.166 min
Delta R.T.: -0.004 min
Response: 924967
Conc: 355.88 ng/ml



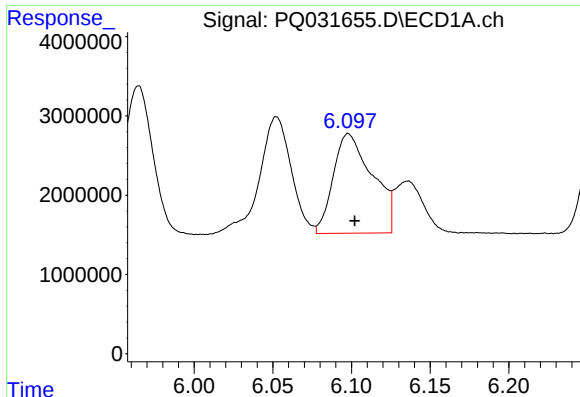
#16 AR-1242-1

R.T.: 5.345 min
Delta R.T.: -0.004 min
Response: 13637802
Conc: 745.88 ng/ml



#16 AR-1242-1

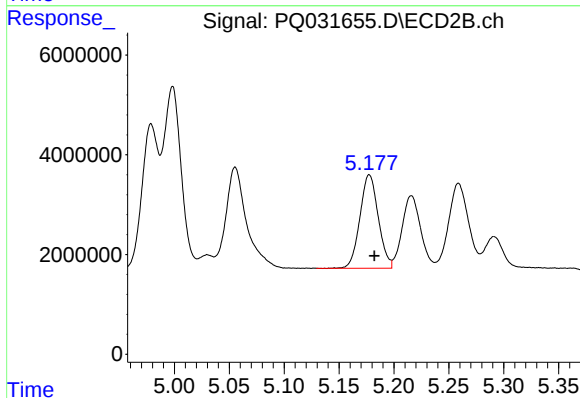
R.T.: 4.583 min
Delta R.T.: -0.005 min
Response: 10168408
Conc: 726.95 ng/ml



#17 AR-1242-2

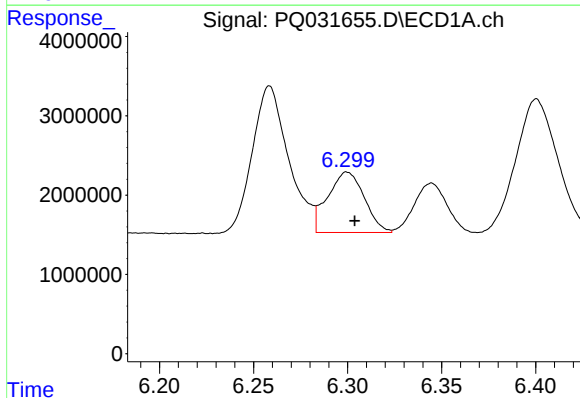
R.T.: 6.098 min
Delta R.T.: -0.004 min
Response: 21783440
Conc: 707.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



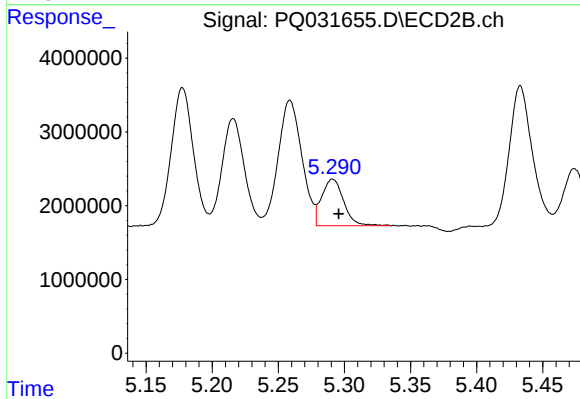
#17 AR-1242-2

R.T.: 5.178 min
Delta R.T.: -0.005 min
Response: 21810235
Conc: 760.05 ng/ml



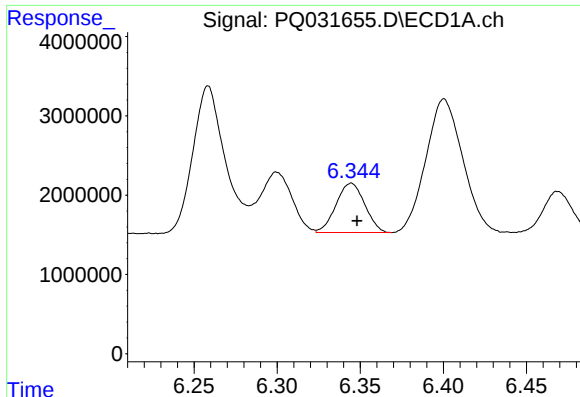
#18 AR-1242-3

R.T.: 6.300 min
Delta R.T.: -0.004 min
Response: 10352211
Conc: 642.12 ng/ml



#18 AR-1242-3

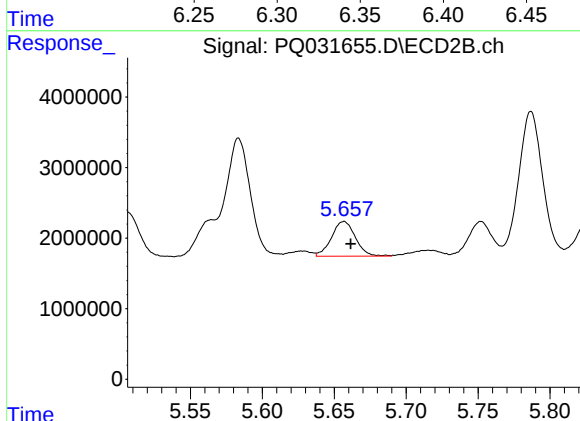
R.T.: 5.291 min
Delta R.T.: -0.005 min
Response: 7313812
Conc: 761.16 ng/ml



#19 AR-1242-4

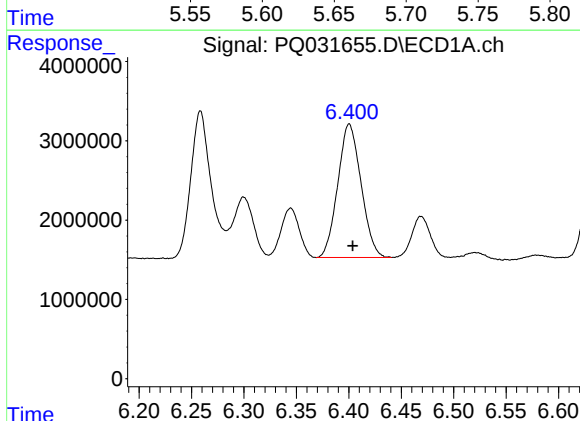
R.T.: 6.345 min
Delta R.T.: -0.003 min
Response: 7507154
Conc: 552.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



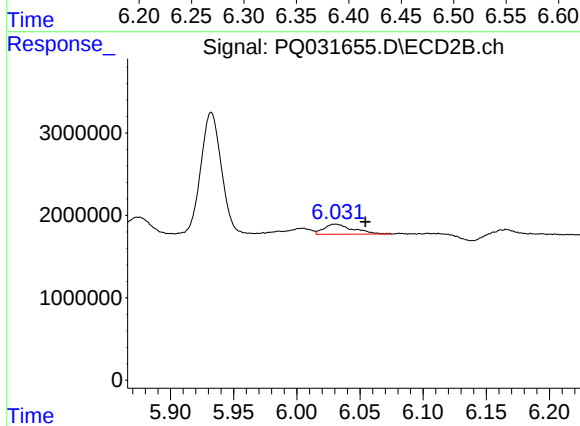
#19 AR-1242-4

R.T.: 5.657 min
Delta R.T.: -0.005 min
Response: 5692191
Conc: 647.18 ng/ml



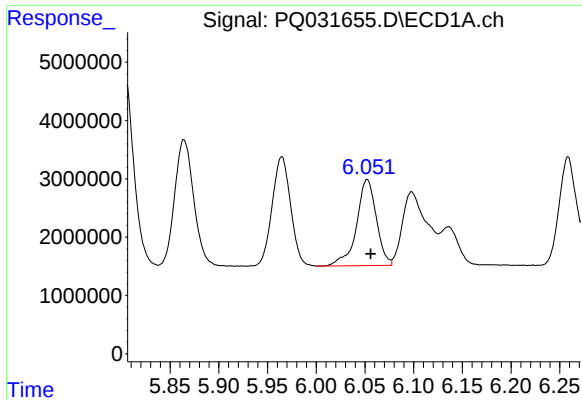
#20 AR-1242-5

R.T.: 6.400 min
Delta R.T.: -0.003 min
Response: 26023978
Conc: 663.63 ng/ml



#20 AR-1242-5

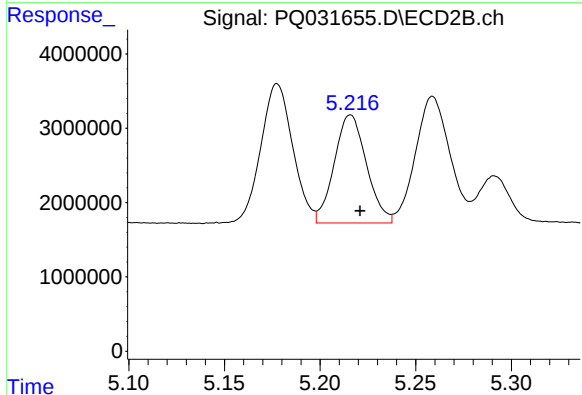
R.T.: 6.030 min
Delta R.T.: -0.024 min
Response: 1989338
Conc: 86.97 ng/ml



#21 AR-1248-1

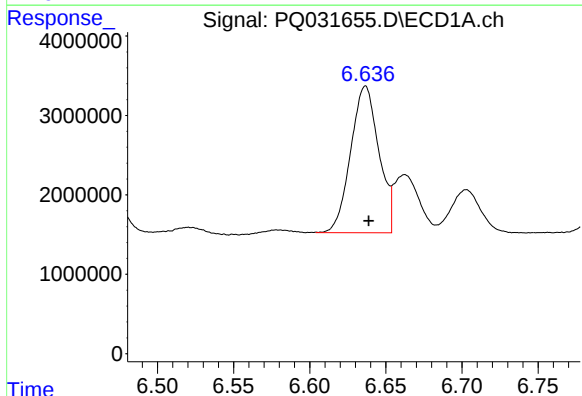
R.T.: 6.052 min
Delta R.T.: -0.004 min
Response: 20885090
Conc: 368.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



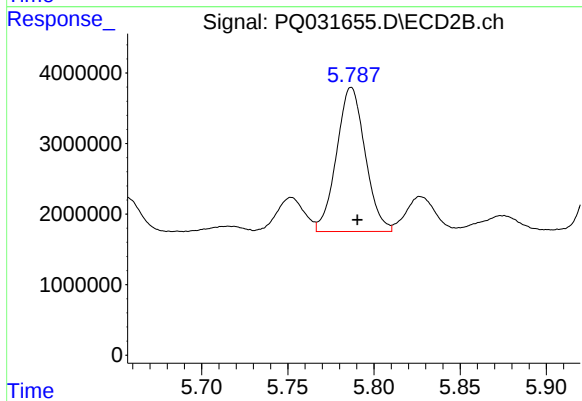
#21 AR-1248-1

R.T.: 5.216 min
Delta R.T.: -0.005 min
Response: 17068519
Conc: 361.51 ng/ml



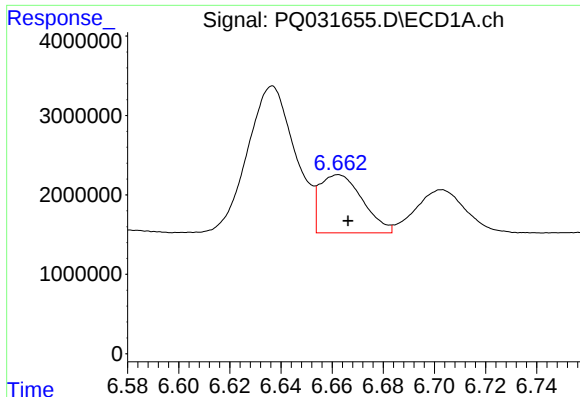
#22 AR-1248-2

R.T.: 6.637 min
Delta R.T.: -0.002 min
Response: 23803603
Conc: 400.74 ng/ml



#22 AR-1248-2

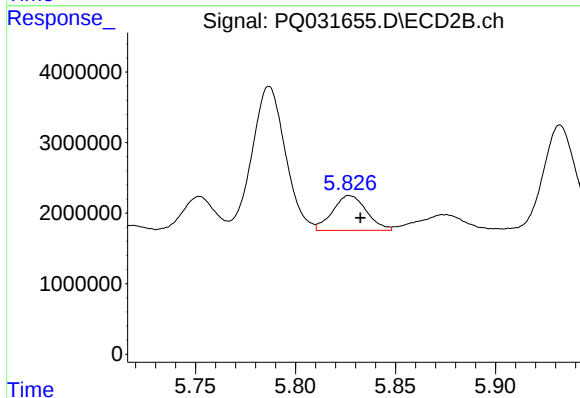
R.T.: 5.787 min
Delta R.T.: -0.004 min
Response: 23634452
Conc: 253.57 ng/ml



#23 AR-1248-3

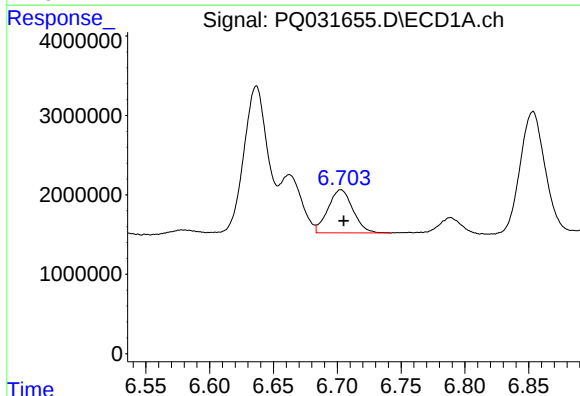
R.T.: 6.662 min
Delta R.T.: -0.004 min
Response: 8488315
Conc: 106.55 ng/ml

Instrument :
ECD_L
ClientSampleId :



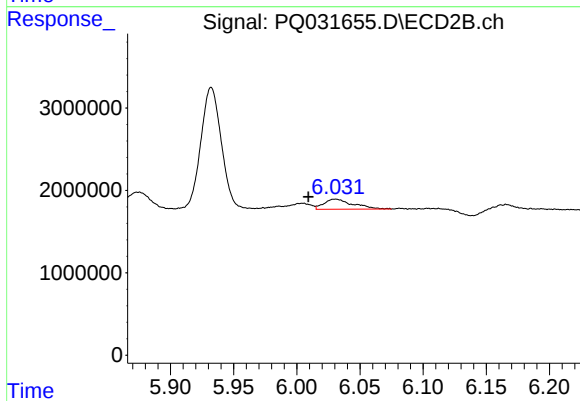
#23 AR-1248-3

R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 5832915
Conc: 91.25 ng/ml



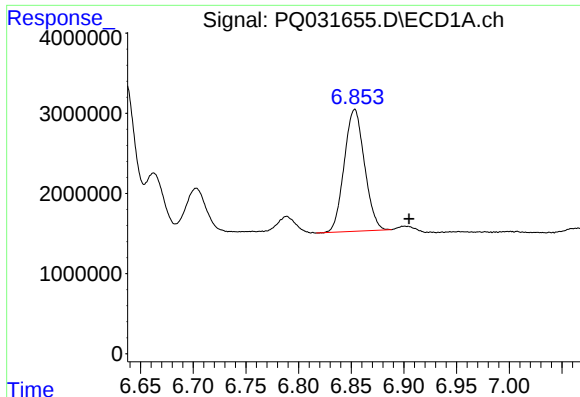
#24 AR-1248-4

R.T.: 6.703 min
Delta R.T.: -0.002 min
Response: 7373267
Conc: 96.88 ng/ml



#24 AR-1248-4

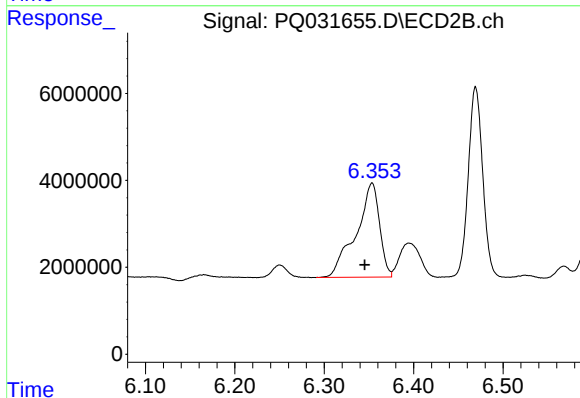
R.T.: 6.030 min
Delta R.T.: 0.021 min
Response: 1989338
Conc: 34.57 ng/ml



#25 AR-1248-5

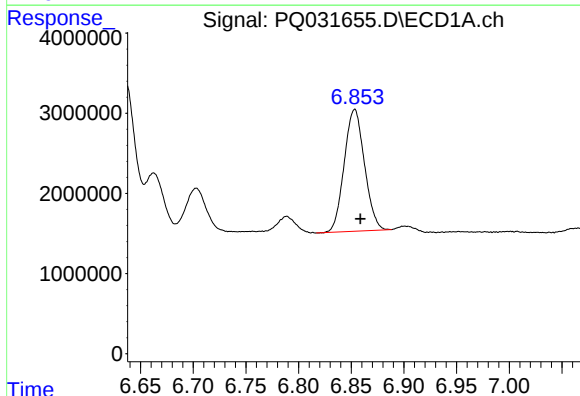
R.T.: 6.853 min
Delta R.T.: -0.051 min
Response: 20377271
Conc: 398.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



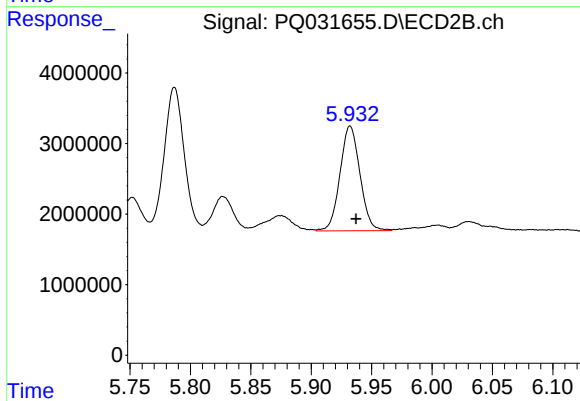
#25 AR-1248-5

R.T.: 6.354 min
Delta R.T.: 0.008 min
Response: 39538428
Conc: 856.10 ng/ml



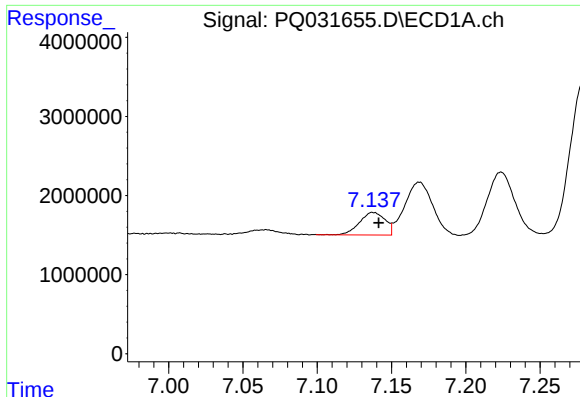
#26 AR-1254-1

R.T.: 6.853 min
Delta R.T.: -0.005 min
Response: 20377271
Conc: 140.48 ng/ml



#26 AR-1254-1

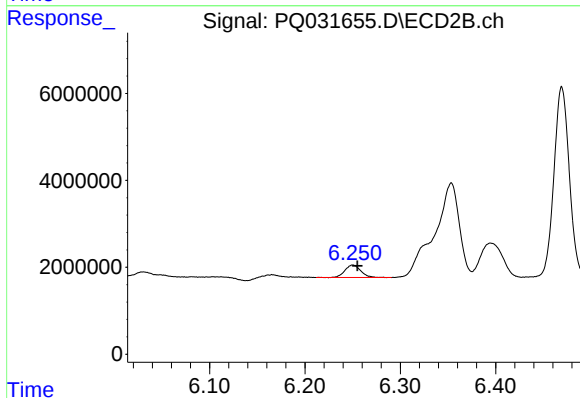
R.T.: 5.932 min
Delta R.T.: -0.005 min
Response: 17073174
Conc: 171.03 ng/ml



#27 AR-1254-2

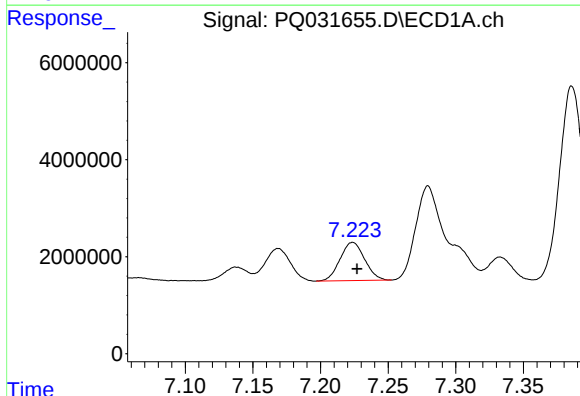
R.T.: 7.138 min
Delta R.T.: -0.004 min
Response: 3424483
Conc: 38.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



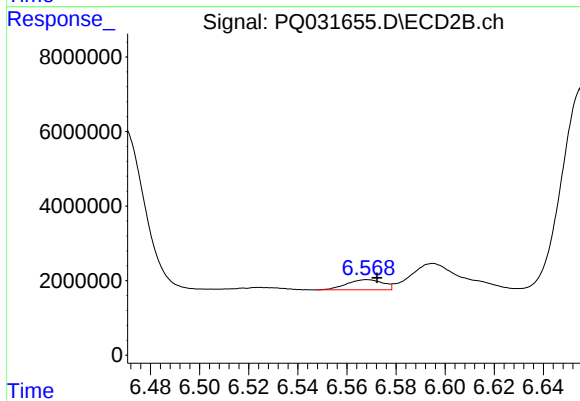
#27 AR-1254-2

R.T.: 6.250 min
Delta R.T.: -0.005 min
Response: 3313465
Conc: 37.79 ng/ml



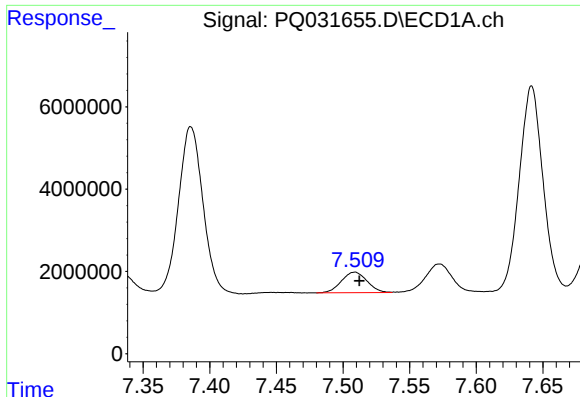
#28 AR-1254-3

R.T.: 7.224 min
Delta R.T.: -0.003 min
Response: 9977539
Conc: 60.88 ng/ml



#28 AR-1254-3

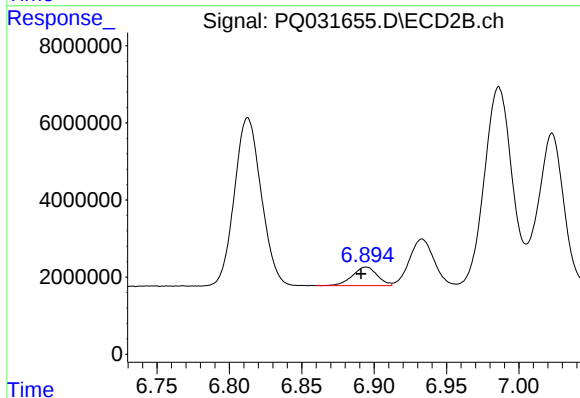
R.T.: 6.568 min
Delta R.T.: -0.004 min
Response: 2793789
Conc: 24.18 ng/ml



#29 AR-1254-4

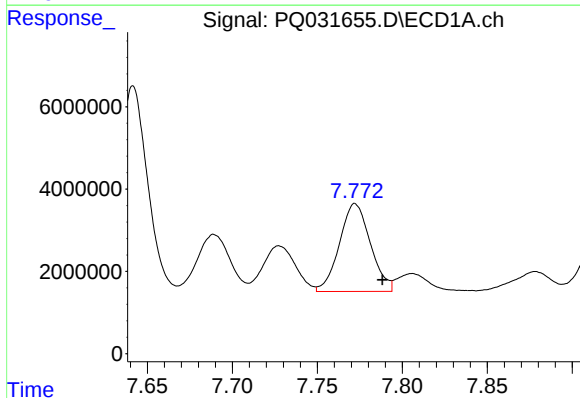
R.T.: 7.509 min
Delta R.T.: -0.003 min
Response: 6707156
Conc: 54.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



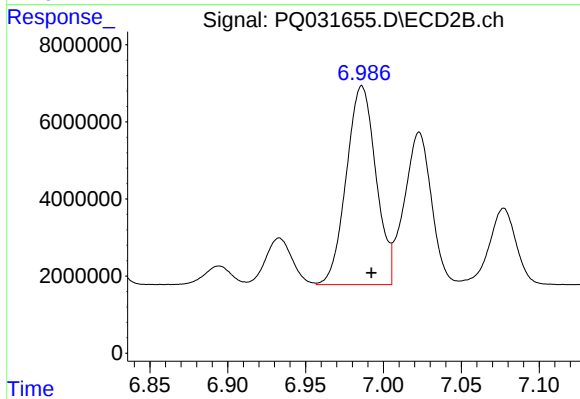
#29 AR-1254-4

R.T.: 6.894 min
Delta R.T.: 0.004 min
Response: 5777869
Conc: 69.58 ng/ml



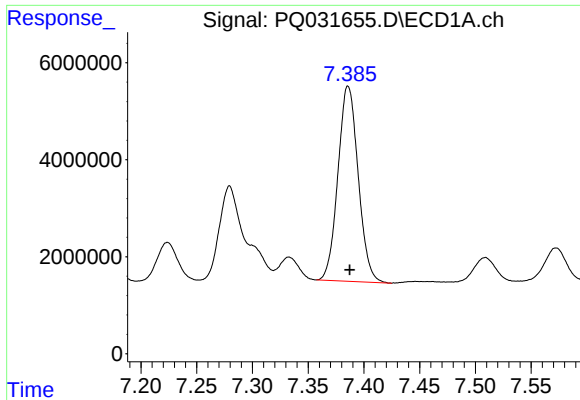
#30 AR-1254-5

R.T.: 7.772 min
Delta R.T.: -0.016 min
Response: 27118025
Conc: 285.77 ng/ml



#30 AR-1254-5

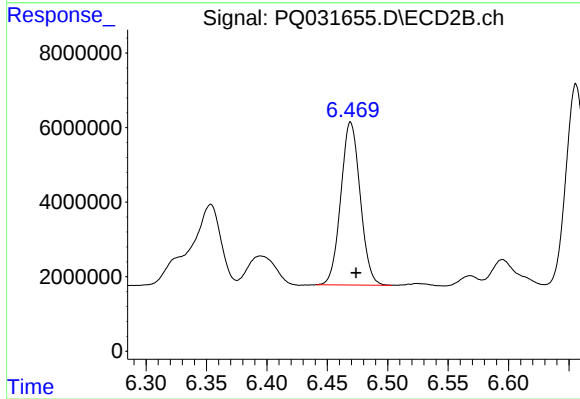
R.T.: 6.986 min
Delta R.T.: -0.006 min
Response: 68151843
Conc: 409.91 ng/ml



#31 AR-1260-1

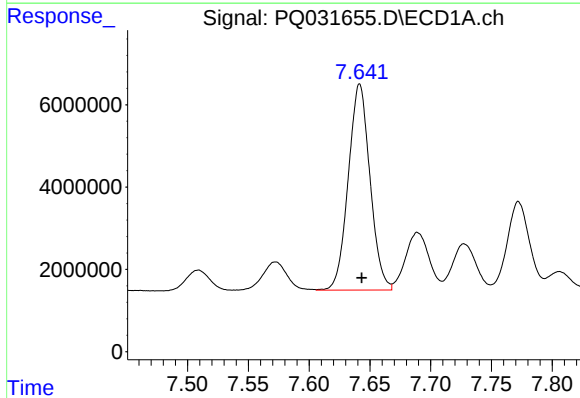
R.T.: 7.386 min
Delta R.T.: -0.001 min
Response: 50910372
Conc: 463.35 ng/ml

Instrument :
ECD_L
ClientSampleId :



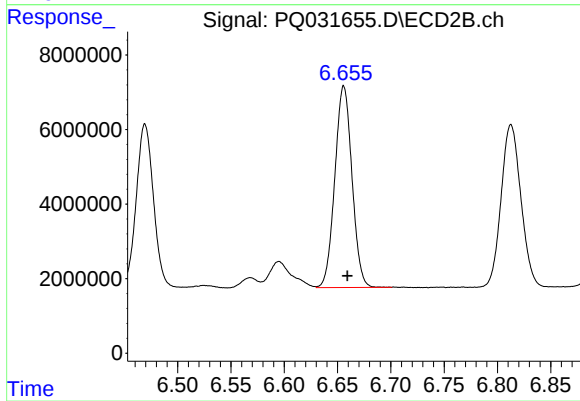
#31 AR-1260-1

R.T.: 6.469 min
Delta R.T.: -0.004 min
Response: 48825535
Conc: 483.41 ng/ml



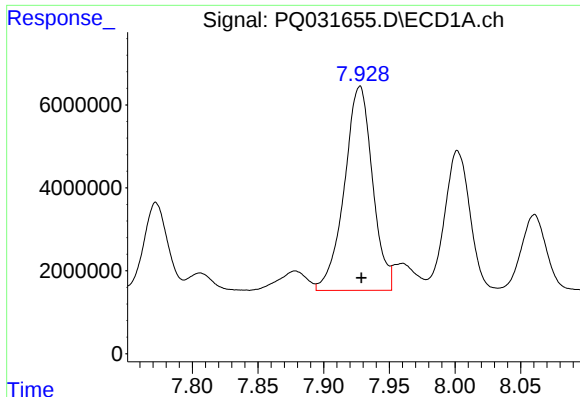
#32 AR-1260-2

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 62265889
Conc: 469.97 ng/ml



#32 AR-1260-2

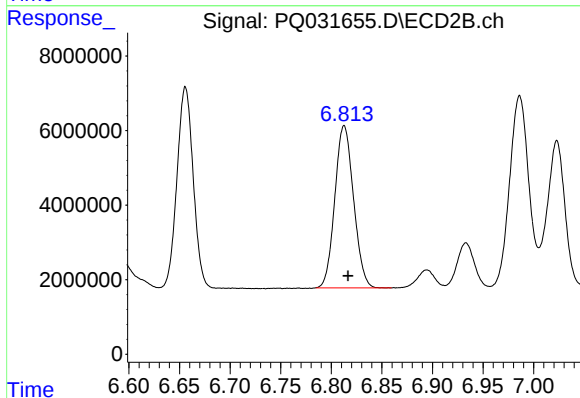
R.T.: 6.656 min
Delta R.T.: -0.003 min
Response: 60570407
Conc: 468.84 ng/ml



#33 AR-1260-3

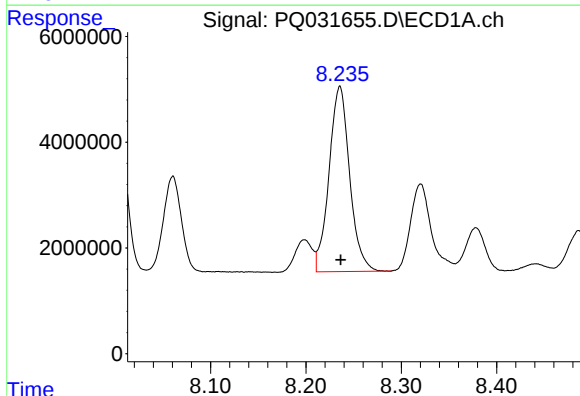
R.T.: 7.928 min
Delta R.T.: -0.001 min
Response: 73380902
Conc: 465.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



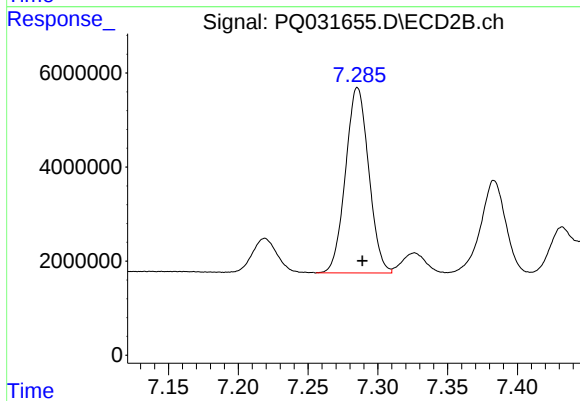
#33 AR-1260-3

R.T.: 6.813 min
Delta R.T.: -0.004 min
Response: 55996215
Conc: 465.67 ng/ml



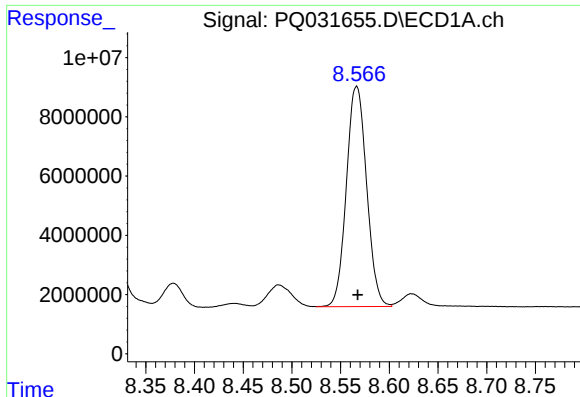
#34 AR-1260-4

R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 52573128
Conc: 449.57 ng/ml



#34 AR-1260-4

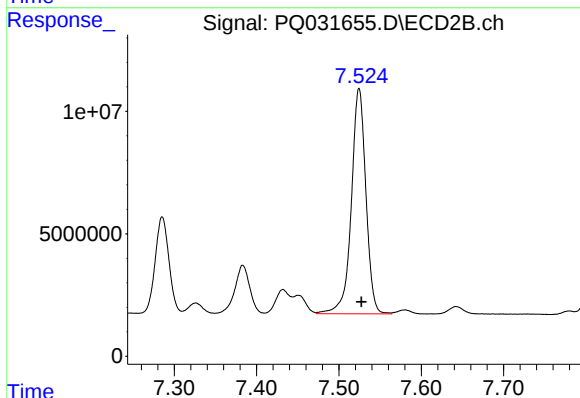
R.T.: 7.285 min
Delta R.T.: -0.003 min
Response: 45716612
Conc: 442.10 ng/ml



#35 AR-1260-5

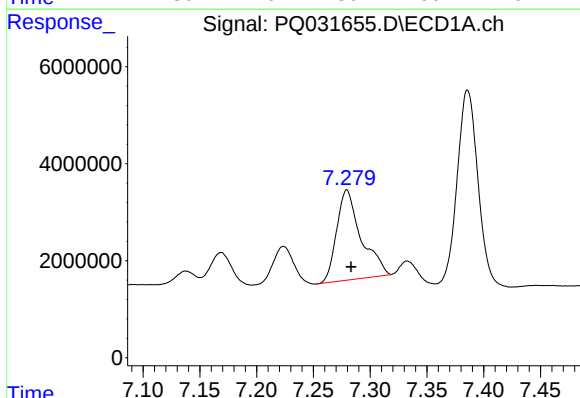
R.T.: 8.566 min
Delta R.T.: -0.001 min
Response: 107495614
Conc: 452.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



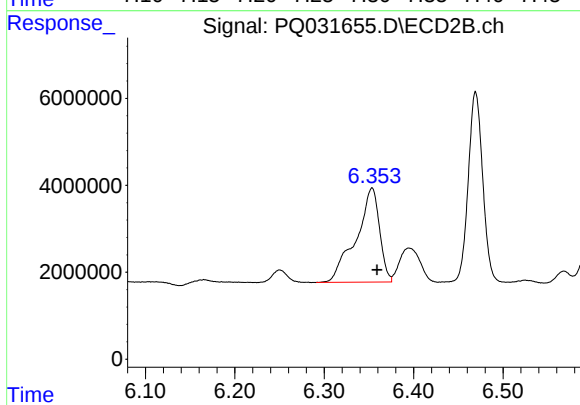
#35 AR-1260-5

R.T.: 7.525 min
Delta R.T.: -0.003 min
Response: 113338901
Conc: 445.10 ng/ml



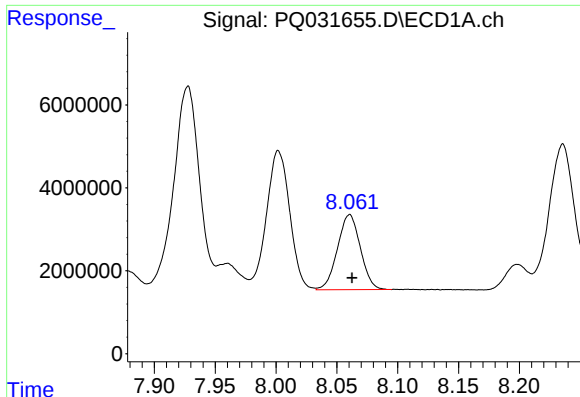
#36 AR-1262-1

R.T.: 7.279 min
Delta R.T.: -0.004 min
Response: 27853348
Conc: 483.58 ng/ml



#36 AR-1262-1

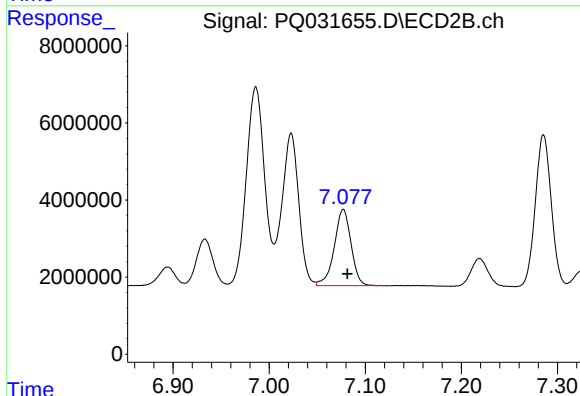
R.T.: 6.354 min
Delta R.T.: -0.005 min
Response: 39538428
Conc: 787.91 ng/ml



#37 AR-1262-2

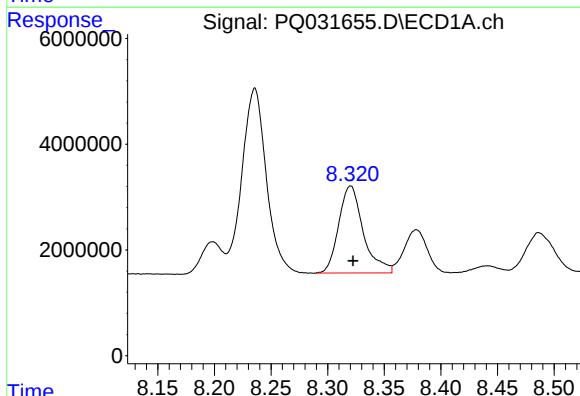
R.T.: 8.061 min
Delta R.T.: -0.002 min
Response: 23768679
Conc: 444.59 ng/ml

Instrument :
ECD_L
ClientSampleId :



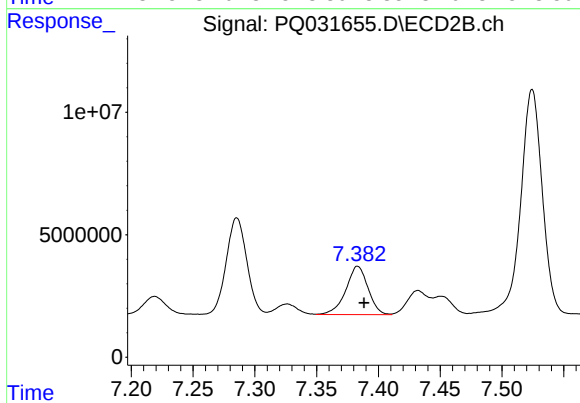
#37 AR-1262-2

R.T.: 7.077 min
Delta R.T.: -0.004 min
Response: 24004388
Conc: 441.07 ng/ml



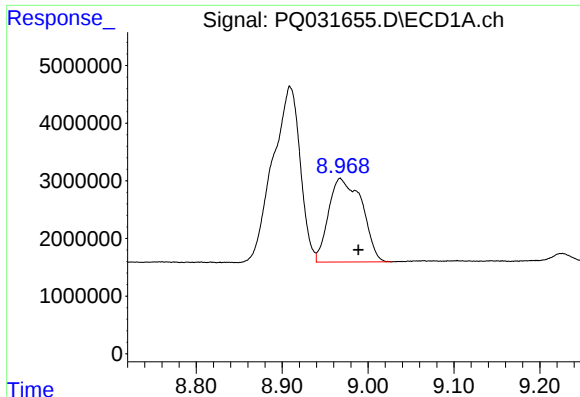
#38 AR-1262-3

R.T.: 8.320 min
Delta R.T.: -0.002 min
Response: 24859071
Conc: 406.38 ng/ml



#38 AR-1262-3

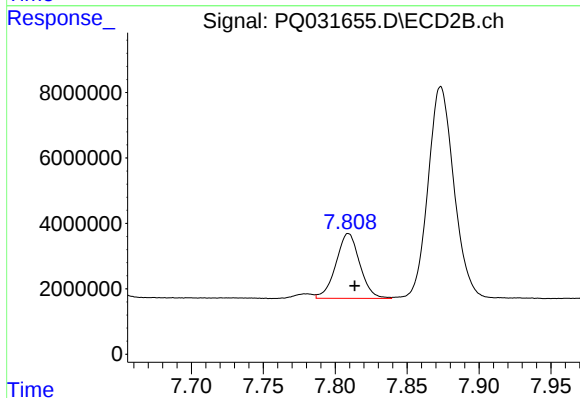
R.T.: 7.383 min
Delta R.T.: -0.005 min
Response: 24687671
Conc: 398.09 ng/ml



#39 AR-1262-4

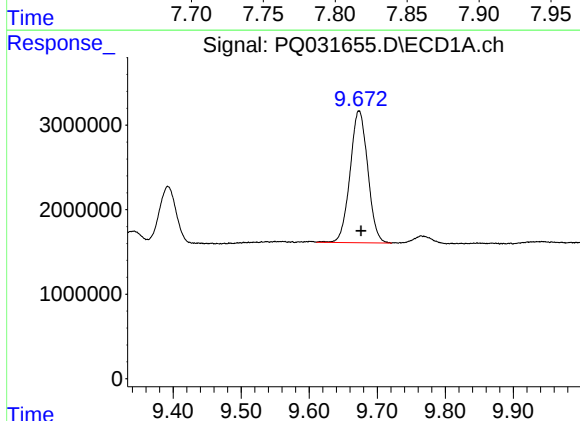
R.T.: 8.968 min
Delta R.T.: -0.021 min
Response: 39204362
Conc: 306.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



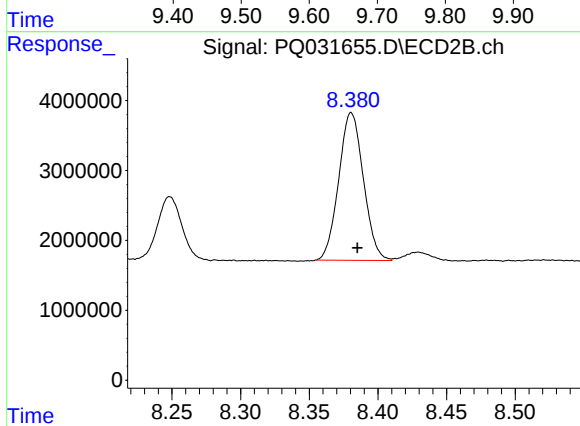
#39 AR-1262-4

R.T.: 7.809 min
Delta R.T.: -0.005 min
Response: 22954164
Conc: 219.17 ng/ml



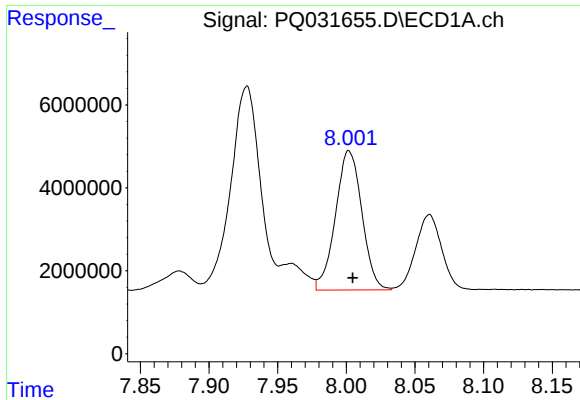
#40 AR-1262-5

R.T.: 9.673 min
Delta R.T.: -0.003 min
Response: 28225048
Conc: 292.76 ng/ml



#40 AR-1262-5

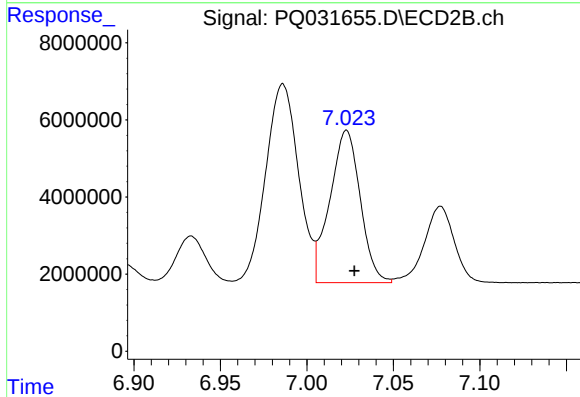
R.T.: 8.381 min
Delta R.T.: -0.004 min
Response: 26411920
Conc: 279.15 ng/ml



#41 AR-1268-1

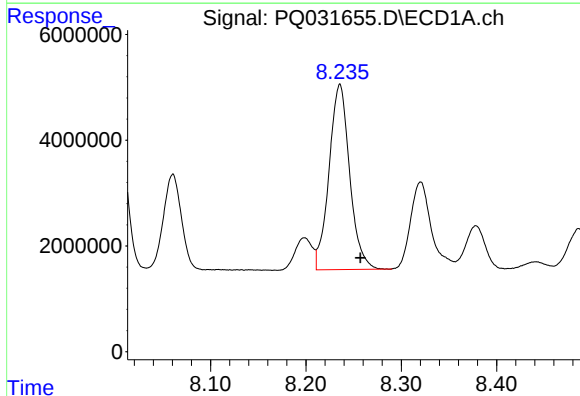
R.T.: 8.002 min
Delta R.T.: -0.003 min
Response: 44950984
Conc: 846.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



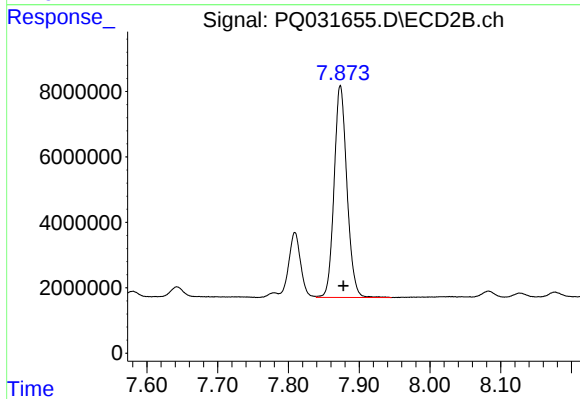
#41 AR-1268-1

R.T.: 7.023 min
Delta R.T.: -0.005 min
Response: 48357184
Conc: 898.05 ng/ml



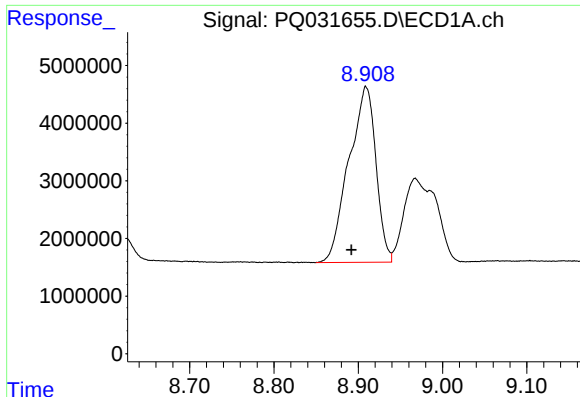
#42 AR-1268-2

R.T.: 8.236 min
Delta R.T.: -0.021 min
Response: 52573128
Conc: 753.26 ng/ml



#42 AR-1268-2

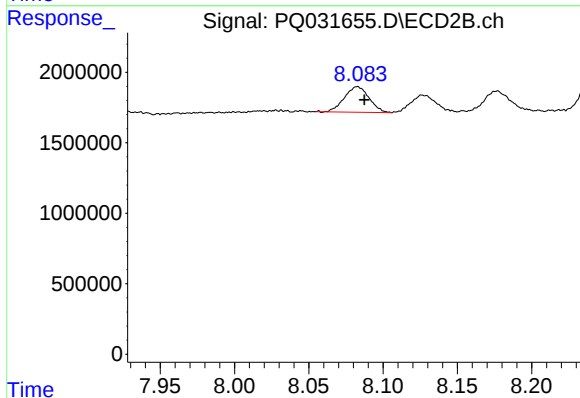
R.T.: 7.873 min
Delta R.T.: -0.004 min
Response: 81623005
Conc: 270.02 ng/ml



#43 AR-1268-3

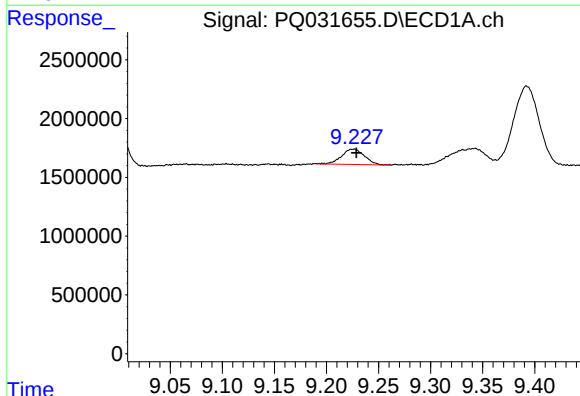
R.T.: 8.909 min
Delta R.T.: 0.017 min
Response: 68018549
Conc: 208.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



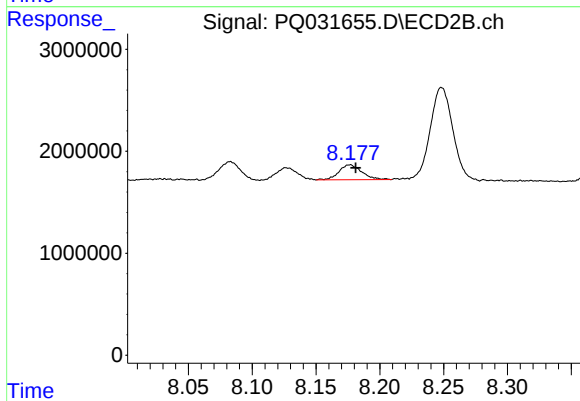
#43 AR-1268-3

R.T.: 8.083 min
Delta R.T.: -0.005 min
Response: 2093824
Conc: 8.37 ng/ml



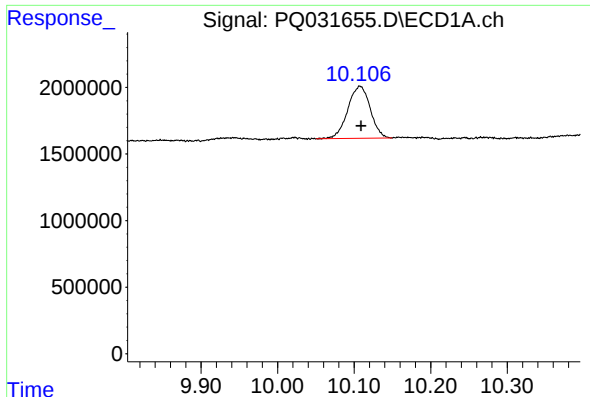
#44 AR-1268-4

R.T.: 9.226 min
Delta R.T.: -0.003 min
Response: 1999323
Conc: 7.99 ng/ml



#44 AR-1268-4

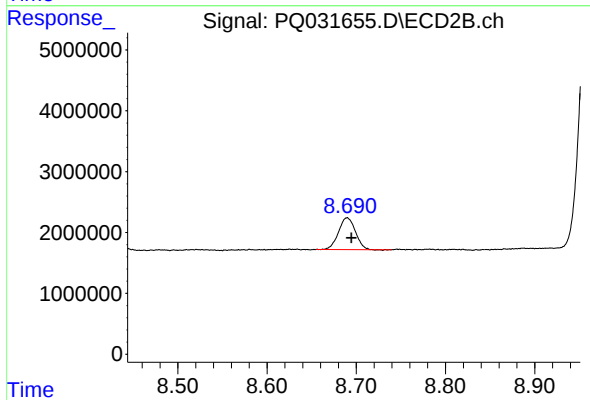
R.T.: 8.177 min
Delta R.T.: -0.005 min
Response: 1832342
Conc: 27.23 ng/ml



#45 AR-1268-5

R.T.: 10.108 min
Delta R.T.: -0.001 min
Response: 7989306
Conc: 9.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



#45 AR-1268-5

R.T.: 8.690 min
Delta R.T.: -0.005 min
Response: 6892428
Conc: 8.19 ng/ml