

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121318\
 Data File : PQ035439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2018 10:12
 Operator : SM\SJ
 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: Dec 14 00:47:15 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 12 22:07:58 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...	4.445	3.745	212.4E6	116.4E6	54.296	52.079
2)	SA Decachlor...	10.164	8.734	143.2E6	81816337	48.593	46.290
Target Compounds							
3)	L1 AR-1016-1	5.613	4.827	69222074	40023925	541.019	519.089
4)	L1 AR-1016-2	5.634	4.844	104.5E6	59816109	544.628	528.602
5)	L1 AR-1016-3	5.697	5.021	61603875	28962694	538.262	495.942
6)	L1 AR-1016-4	5.797	5.061	51074689	24896450	536.342	529.478
7)	L1 AR-1016-5	6.089	5.274	50766476	33066404	557.655	538.647
8)	L2 AR-1221-1	4.651	3.956	5203928	3352521	152.331	164.314
9)	L2 AR-1221-2	4.744	4.044	8309563	4568598	326.161	309.092
10)	L2 AR-1221-3	4.819	4.119	33583738	19179692	403.552	394.801
11)	L3 AR-1232-1	4.819	4.119	33583738	19179692	461.835	435.591
12)	L3 AR-1232-2	5.347	4.844	47516716	59816109	1232.979	1219.186
13)	L3 AR-1232-3	5.634	5.021	104.5E6	28962694	1277.423	1133.503
14)	L3 AR-1232-4	5.797	5.103	51074689	30017577	1275.514	1315.618
15)	L3 AR-1232-5	5.884	5.274	44866770	33066404	1416.761	1323.857
16)	L4 AR-1242-1	5.613	4.827	69222074	40023925	717.481	676.389
17)	L4 AR-1242-2	5.634	4.844	104.5E6	59816109	719.946	694.653
18)	L4 AR-1242-3	5.697	5.021	61603875	28962694	712.052	643.110
19)	L4 AR-1242-4	5.797	5.103	51074689	30017577	738.287	677.879
20)	L4 AR-1242-5	6.531	5.623	14193495	36670687	180.917	664.450 #
21)	L5 AR-1248-1	5.613	4.827	69222074	40023925	1048.726	1014.425
22)	L5 AR-1248-2	5.884	5.061	44866770	24896450	473.353	458.718
23)	L5 AR-1248-3	6.089	5.103	50766476	30017577	485.850	537.924
24)	L5 AR-1248-4	6.492	5.274	17327801	33066404	140.707	477.665 #
25)	L5 AR-1248-5	6.531	5.664	14193495	8066707	121.319	114.450
26)	L6 AR-1254-1	6.465	5.623	52678630	36670687	346.039	274.917
27)	L6 AR-1254-2	6.680	5.769	48871621	28683941	206.549	248.240
28)	L6 AR-1254-3	7.052	6.183	26469713	48386538	103.093	250.632 #
29)	L6 AR-1254-4	7.336	6.400	17331493	6909322	95.588	57.413 #
30)	L6 AR-1254-5	7.755	6.814	148.9E6	94392291	759.143	579.583
31)	L7 AR-1260-1	7.211	6.299	100.3E6	65329334	544.012	519.363
32)	L7 AR-1260-2	7.467	6.487	119.0E6	78556271	547.889	520.195
33)	L7 AR-1260-3	7.827	6.640	73333349	74248753	547.419	531.356
34)	L7 AR-1260-4	8.055	7.109	89717430	47949731	544.367	516.389
35)	L7 AR-1260-5	8.377	7.351	161.8E6	116.1E6	542.492	517.189
36)	L8 AR-1262-1	7.827	6.848	73333349	54452946	334.740	354.816
37)	L8 AR-1262-2	8.377	7.351	161.8E6	116.1E6	429.375	434.892
38)	L8 AR-1262-3	8.706	7.630	93824351	20706227	390.301	199.515 #
39)	L8 AR-1262-4	8.758	7.697	51948014	78528501	287.533	423.919 #
40)	L8 AR-1262-5	9.432	8.194	31066275	19429529	272.791	261.757
41)	L9 AR-1268-1	8.706	7.630	93824351	20706227	194.458	62.095 #

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 Acq On : 13 Dec 2018 10:12
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

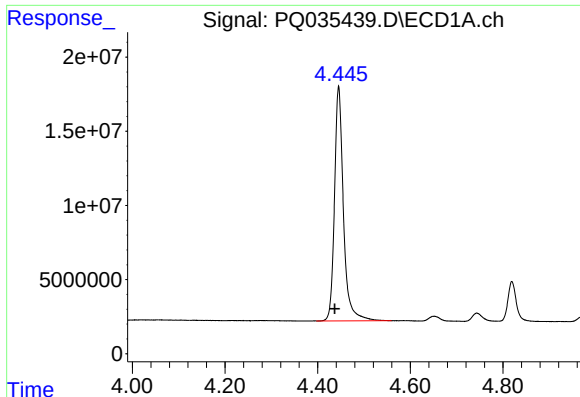
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 00:47:15 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.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	8.758	7.697	51948014	78528501	120.401	264.980 #
43) L9	AR-1268-3	9.002	7.897	4125252	2041339	10.916	8.352
44) L9	AR-1268-4	9.432	8.194	31066275	19429529	226.609	208.275
45) L9	AR-1268-5	9.838	8.485	9967603	5232631	8.610	7.164

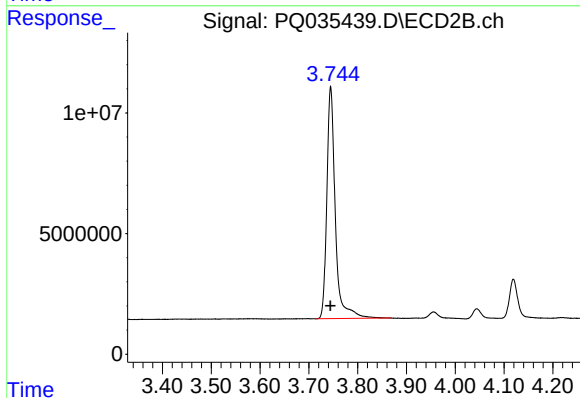
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

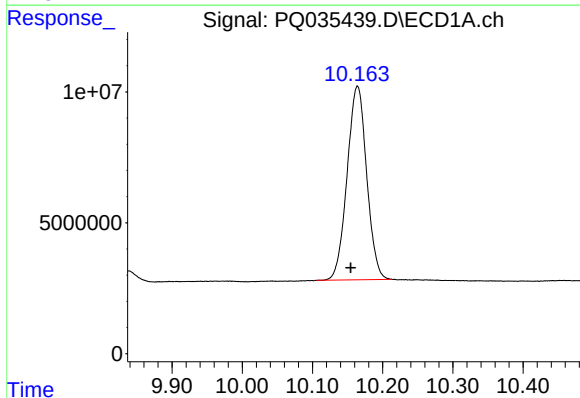
R.T.: 4.445 min
Delta R.T.: 0.008 min
Response: 212438959
Conc: 54.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



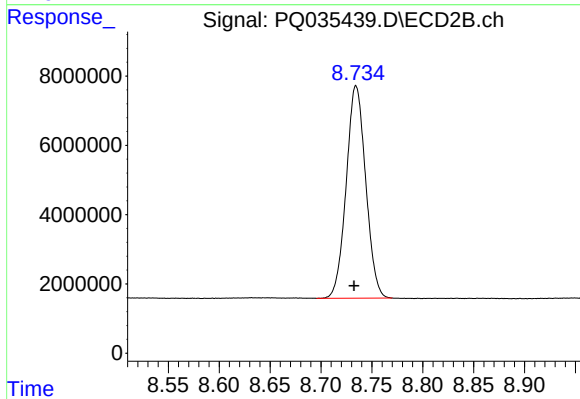
#1 Tetrachloro-m-xylene

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 116364796
Conc: 52.08 ng/ml



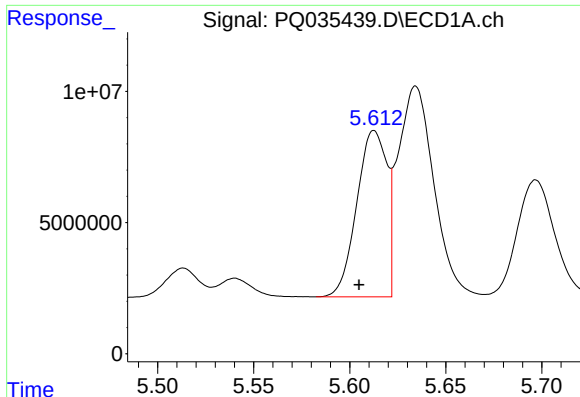
#2 Decachlorobiphenyl

R.T.: 10.164 min
Delta R.T.: 0.009 min
Response: 143230731
Conc: 48.59 ng/ml



#2 Decachlorobiphenyl

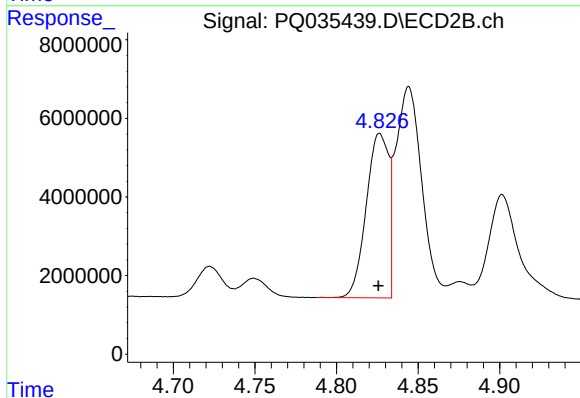
R.T.: 8.734 min
Delta R.T.: 0.002 min
Response: 81816337
Conc: 46.29 ng/ml



#3 AR-1016-1

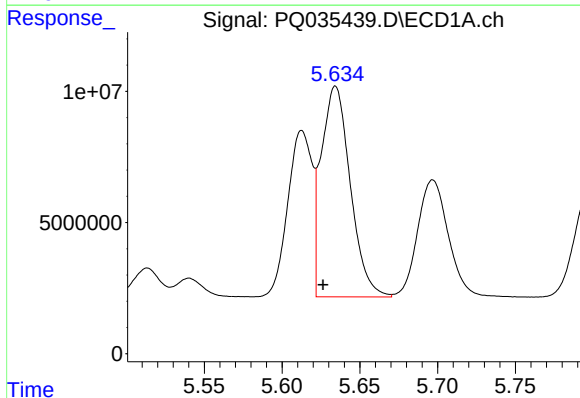
R.T.: 5.613 min
Delta R.T.: 0.008 min
Response: 69222074
Conc: 541.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



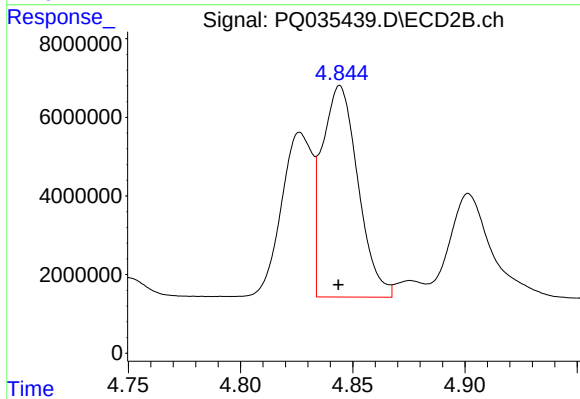
#3 AR-1016-1

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 40023925
Conc: 519.09 ng/ml



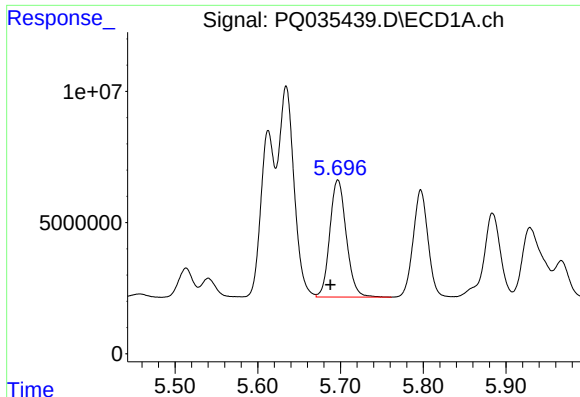
#4 AR-1016-2

R.T.: 5.634 min
Delta R.T.: 0.008 min
Response: 104454183
Conc: 544.63 ng/ml



#4 AR-1016-2

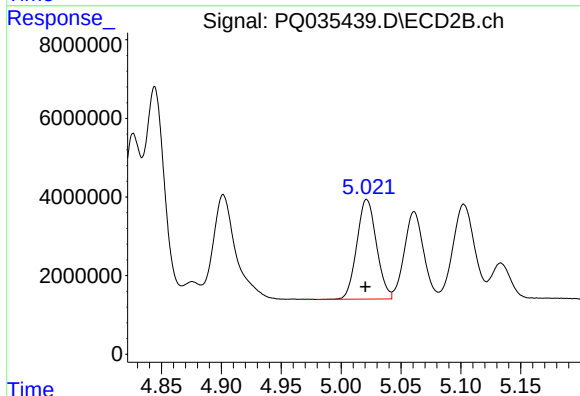
R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 59816109
Conc: 528.60 ng/ml



#5 AR-1016-3

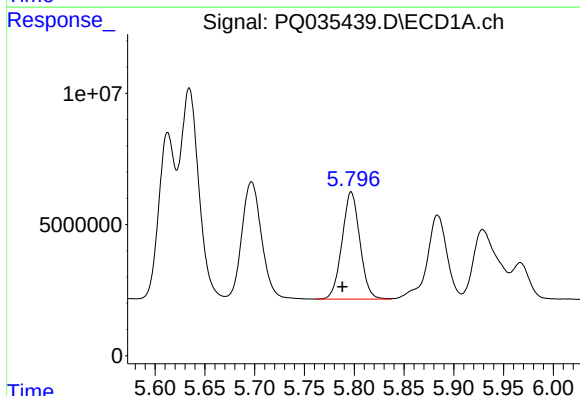
R.T.: 5.697 min
Delta R.T.: 0.009 min
Response: 61603875
Conc: 538.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



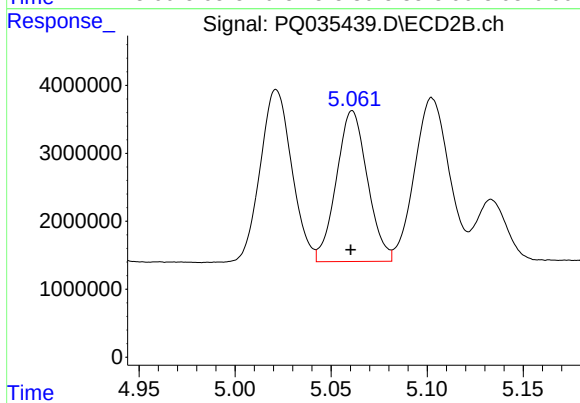
#5 AR-1016-3

R.T.: 5.021 min
Delta R.T.: 0.001 min
Response: 28962694
Conc: 495.94 ng/ml



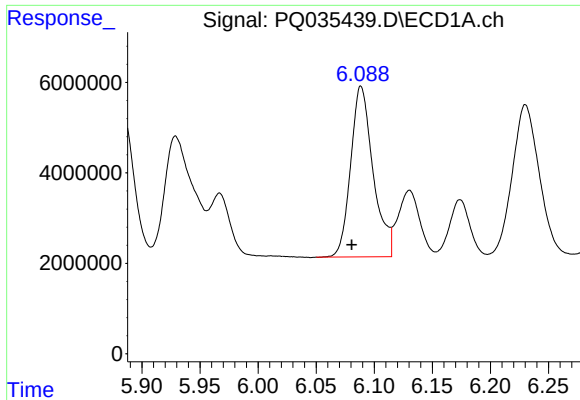
#6 AR-1016-4

R.T.: 5.797 min
Delta R.T.: 0.009 min
Response: 51074689
Conc: 536.34 ng/ml



#6 AR-1016-4

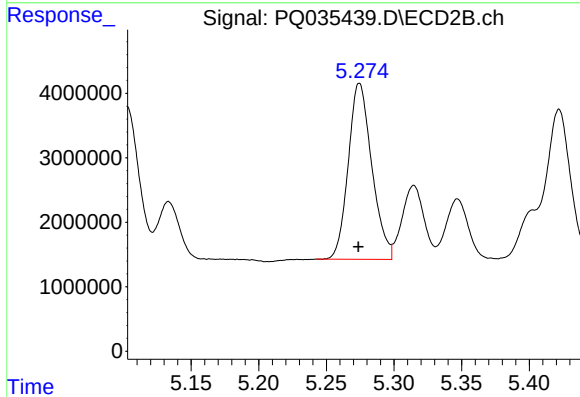
R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 24896450
Conc: 529.48 ng/ml



#7 AR-1016-5

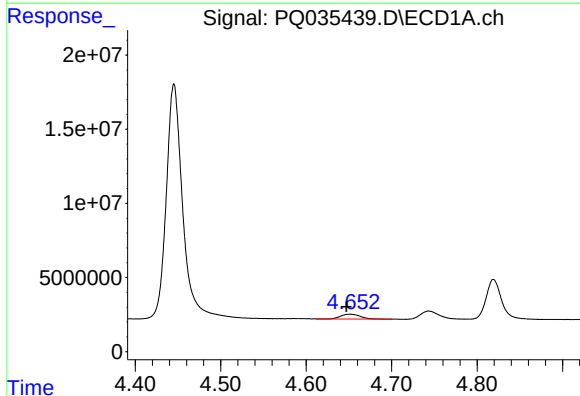
R.T.: 6.089 min
Delta R.T.: 0.008 min
Response: 50766476
Conc: 557.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



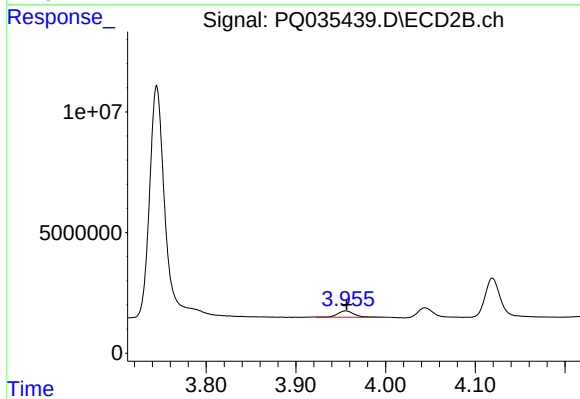
#7 AR-1016-5

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 33066404
Conc: 538.65 ng/ml



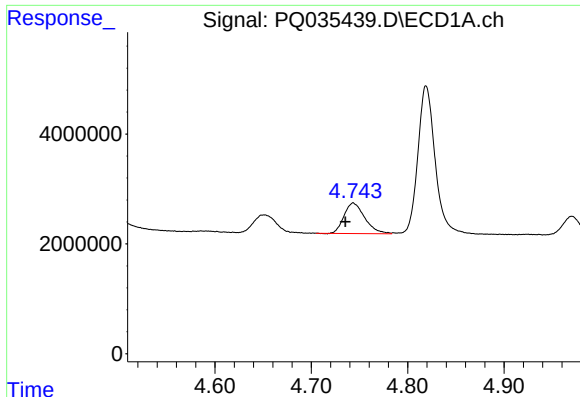
#8 AR-1221-1

R.T.: 4.651 min
Delta R.T.: 0.004 min
Response: 5203928
Conc: 152.33 ng/ml



#8 AR-1221-1

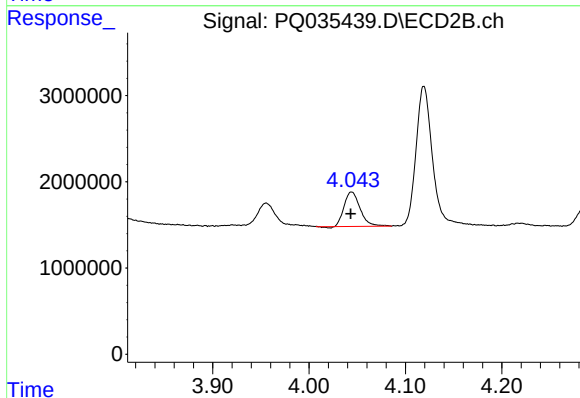
R.T.: 3.956 min
Delta R.T.: -0.001 min
Response: 3352521
Conc: 164.31 ng/ml



#9 AR-1221-2

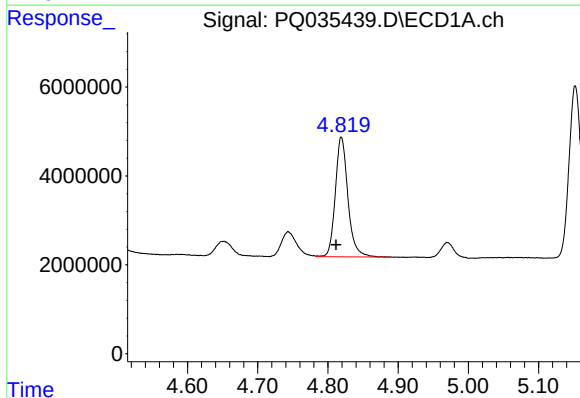
R.T.: 4.744 min
Delta R.T.: 0.008 min
Response: 8309563
Conc: 326.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



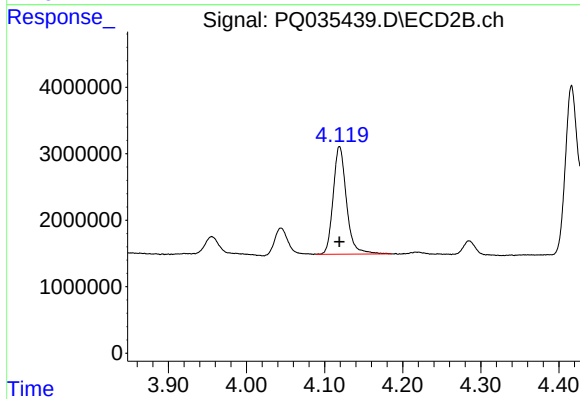
#9 AR-1221-2

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 4568598
Conc: 309.09 ng/ml



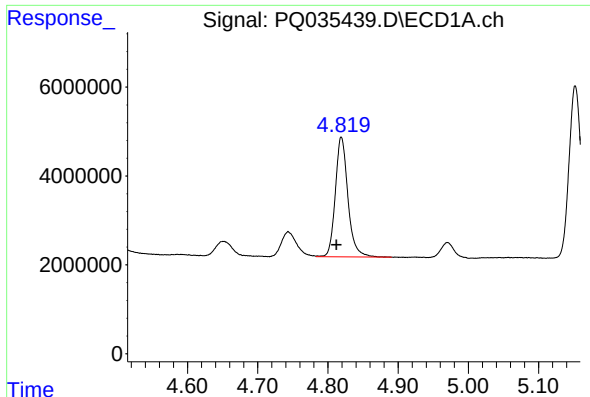
#10 AR-1221-3

R.T.: 4.819 min
Delta R.T.: 0.008 min
Response: 33583738
Conc: 403.55 ng/ml



#10 AR-1221-3

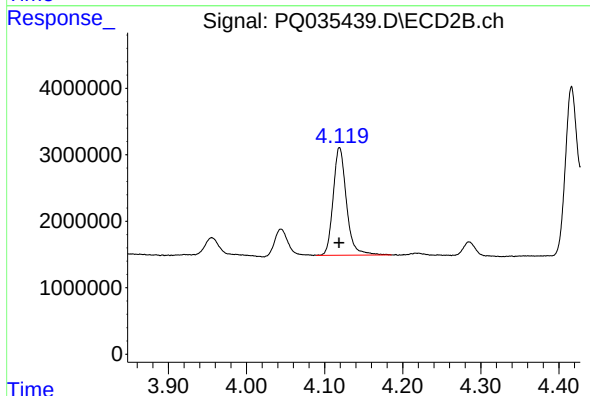
R.T.: 4.119 min
Delta R.T.: 0.000 min
Response: 19179692
Conc: 394.80 ng/ml



#11 AR-1232-1

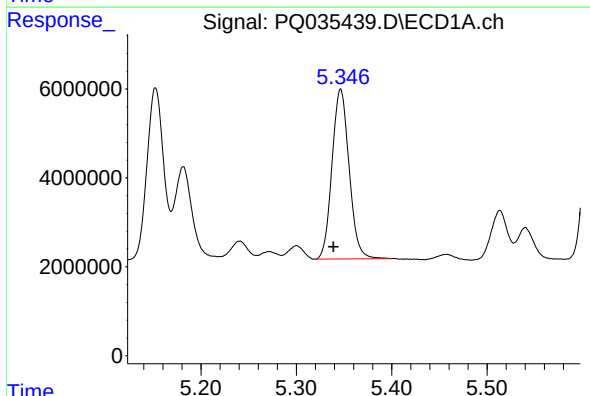
R.T.: 4.819 min
Delta R.T.: 0.007 min
Response: 33583738
Conc: 461.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



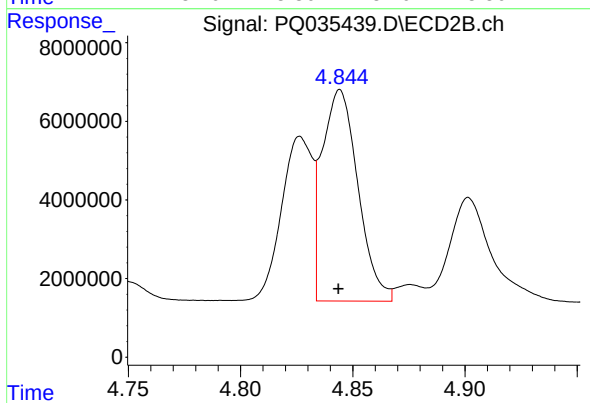
#11 AR-1232-1

R.T.: 4.119 min
Delta R.T.: 0.000 min
Response: 19179692
Conc: 435.59 ng/ml



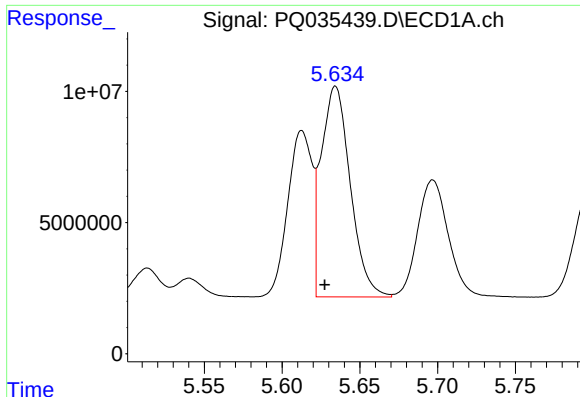
#12 AR-1232-2

R.T.: 5.347 min
Delta R.T.: 0.008 min
Response: 47516716
Conc: 1232.98 ng/ml



#12 AR-1232-2

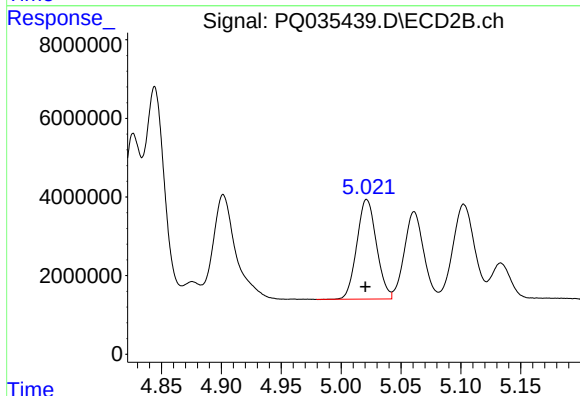
R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 59816109
Conc: 1219.19 ng/ml



#13 AR-1232-3

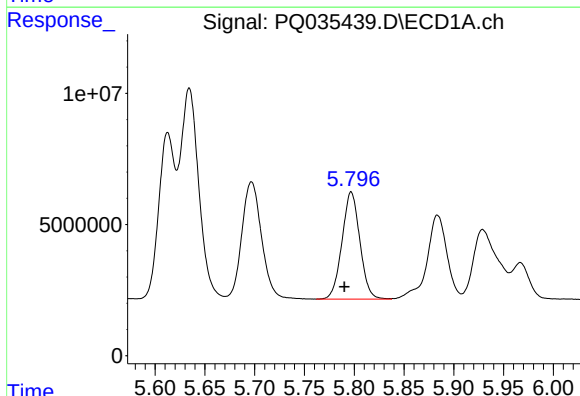
R.T.: 5.634 min
Delta R.T.: 0.007 min
Response: 104454183
Conc: 1277.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



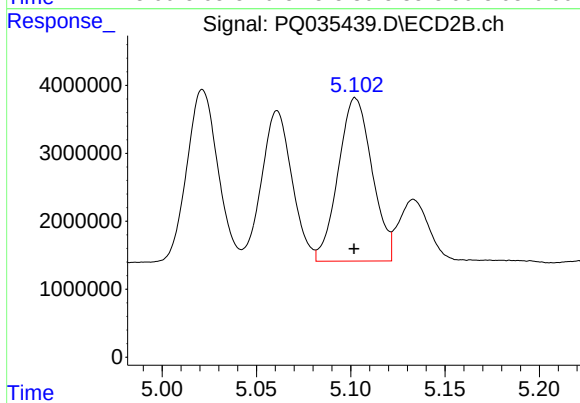
#13 AR-1232-3

R.T.: 5.021 min
Delta R.T.: 0.001 min
Response: 28962694
Conc: 1133.50 ng/ml



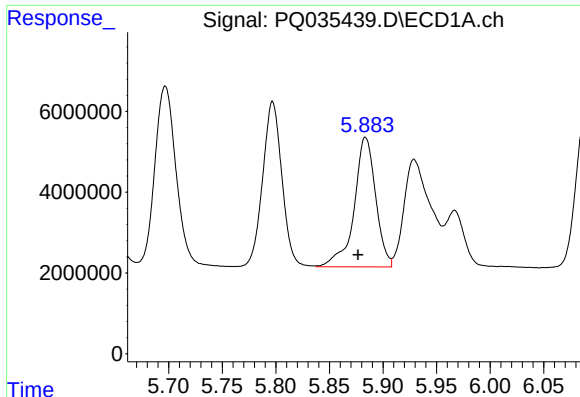
#14 AR-1232-4

R.T.: 5.797 min
Delta R.T.: 0.007 min
Response: 51074689
Conc: 1275.51 ng/ml



#14 AR-1232-4

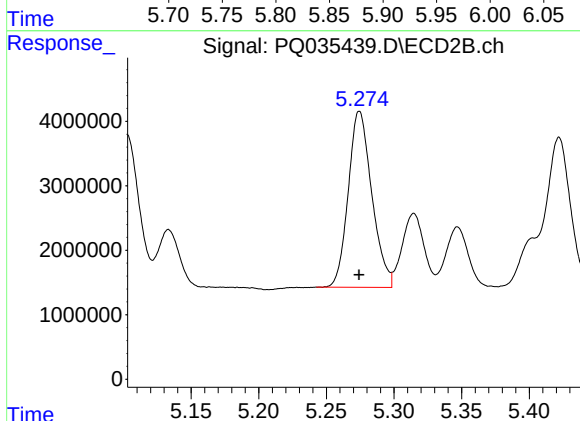
R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 30017577
Conc: 1315.62 ng/ml



#15 AR-1232-5

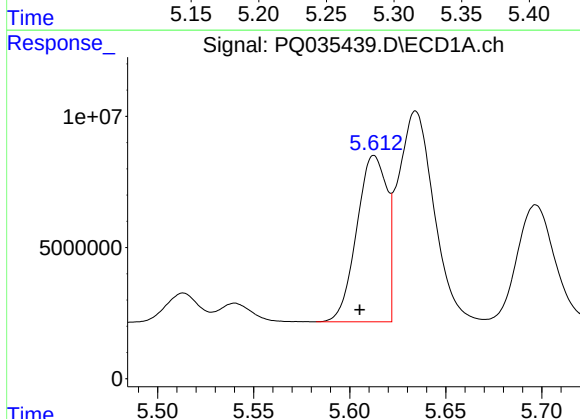
R.T.: 5.884 min
Delta R.T.: 0.007 min
Response: 44866770
Conc: 1416.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



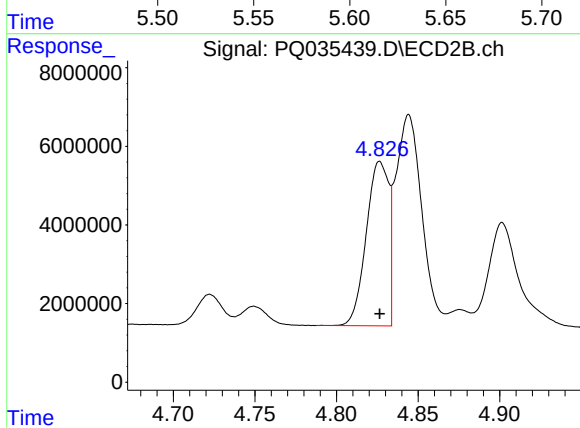
#15 AR-1232-5

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 33066404
Conc: 1323.86 ng/ml



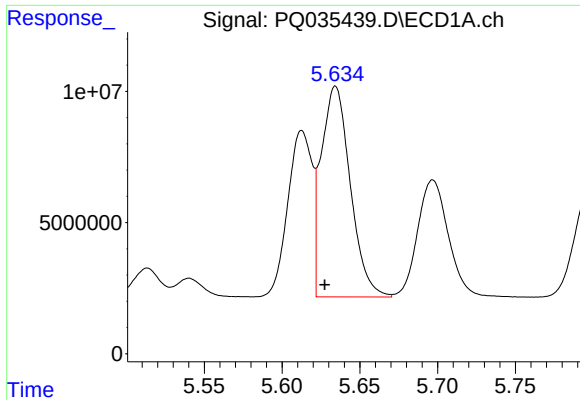
#16 AR-1242-1

R.T.: 5.613 min
Delta R.T.: 0.007 min
Response: 69222074
Conc: 717.48 ng/ml



#16 AR-1242-1

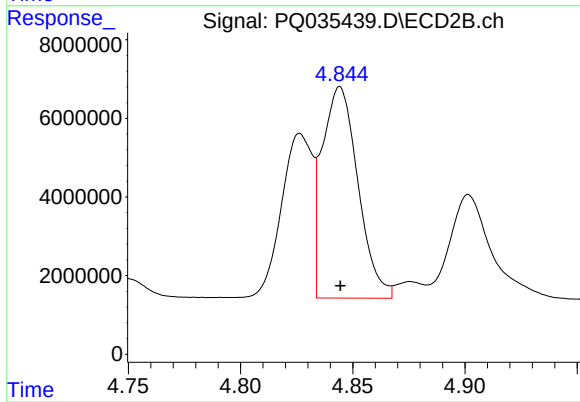
R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 40023925
Conc: 676.39 ng/ml



#17 AR-1242-2

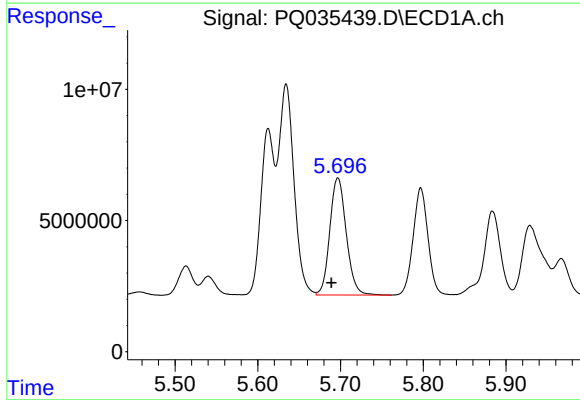
R.T.: 5.634 min
Delta R.T.: 0.007 min
Response: 104454183
Conc: 719.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



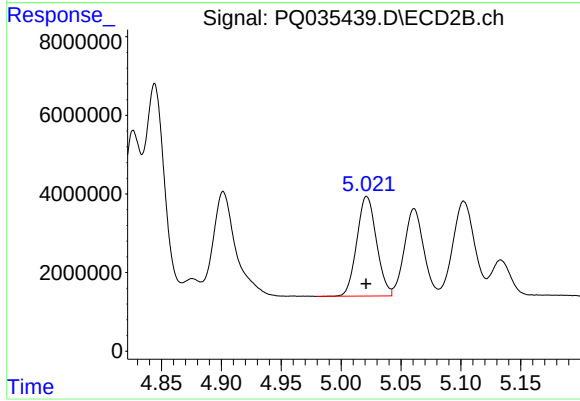
#17 AR-1242-2

R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 59816109
Conc: 694.65 ng/ml



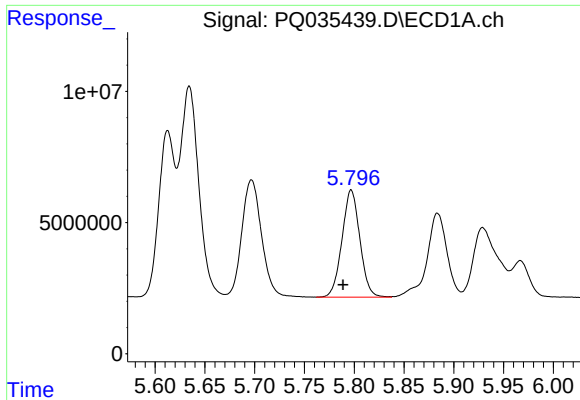
#18 AR-1242-3

R.T.: 5.697 min
Delta R.T.: 0.008 min
Response: 61603875
Conc: 712.05 ng/ml



#18 AR-1242-3

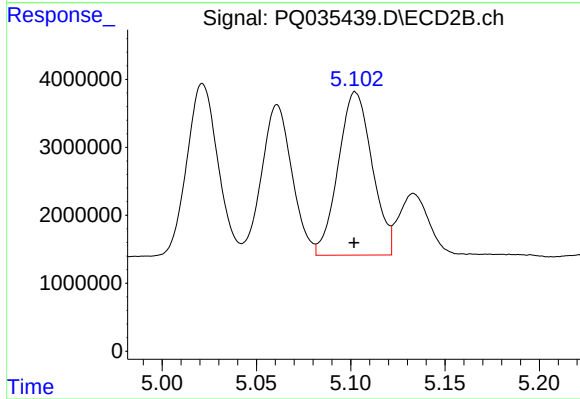
R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 28962694
Conc: 643.11 ng/ml



#19 AR-1242-4

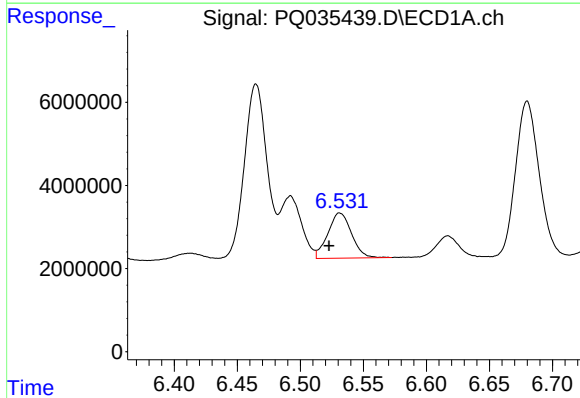
R.T.: 5.797 min
Delta R.T.: 0.008 min
Response: 51074689
Conc: 738.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



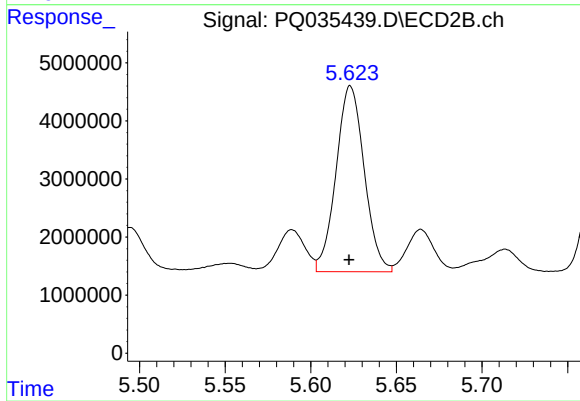
#19 AR-1242-4

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 30017577
Conc: 677.88 ng/ml



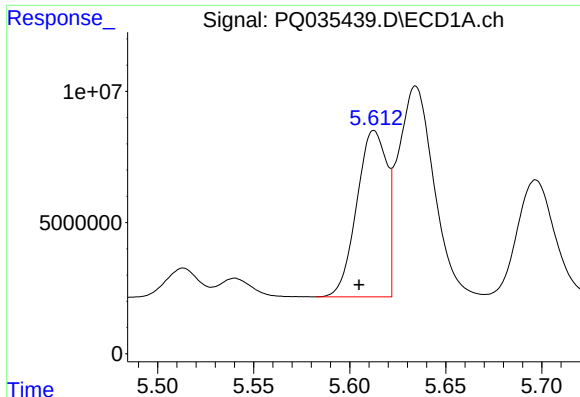
#20 AR-1242-5

R.T.: 6.531 min
Delta R.T.: 0.009 min
Response: 14193495
Conc: 180.92 ng/ml



#20 AR-1242-5

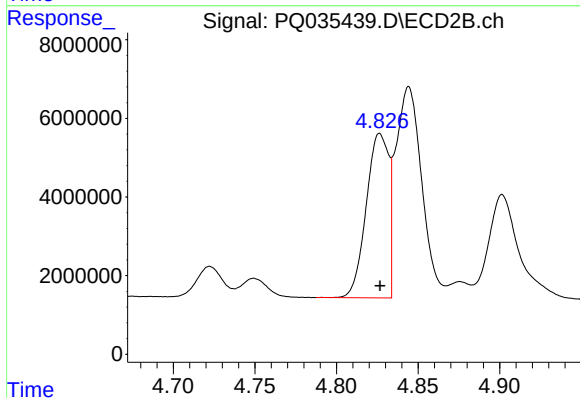
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 36670687
Conc: 664.45 ng/ml



#21 AR-1248-1

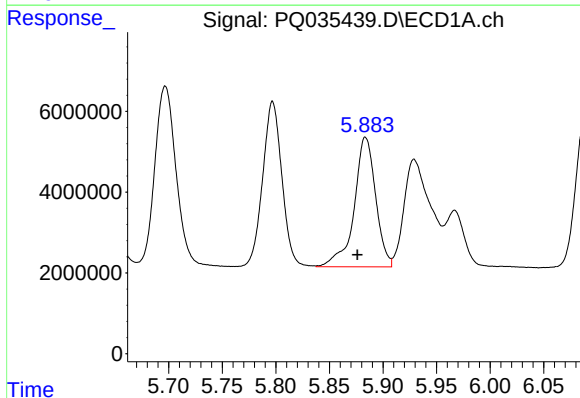
R.T.: 5.613 min
Delta R.T.: 0.008 min
Response: 69222074
Conc: 1048.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



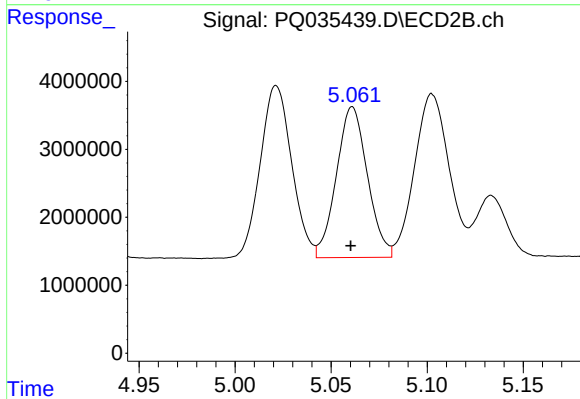
#21 AR-1248-1

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 40023925
Conc: 1014.42 ng/ml



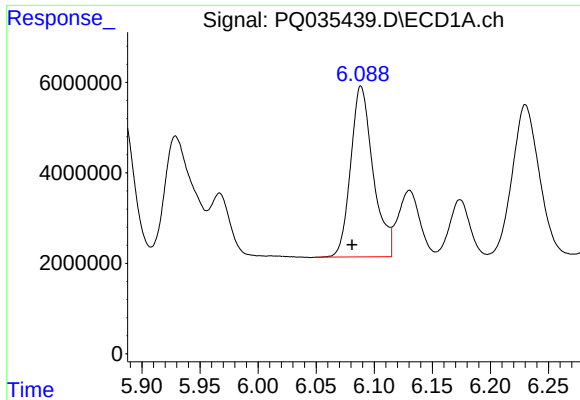
#22 AR-1248-2

R.T.: 5.884 min
Delta R.T.: 0.008 min
Response: 44866770
Conc: 473.35 ng/ml



#22 AR-1248-2

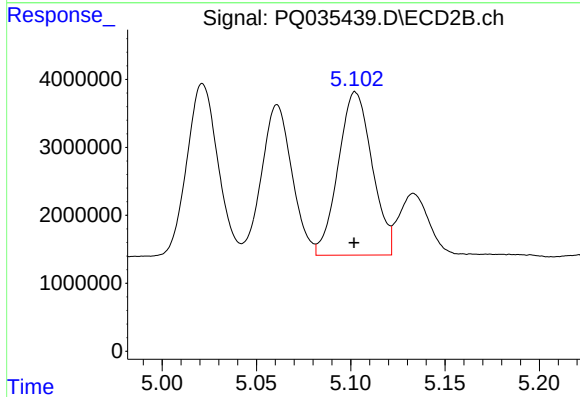
R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 24896450
Conc: 458.72 ng/ml



#23 AR-1248-3

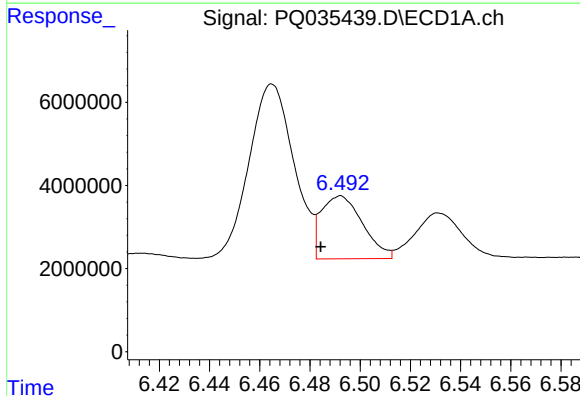
R.T.: 6.089 min
Delta R.T.: 0.008 min
Response: 50766476
Conc: 485.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



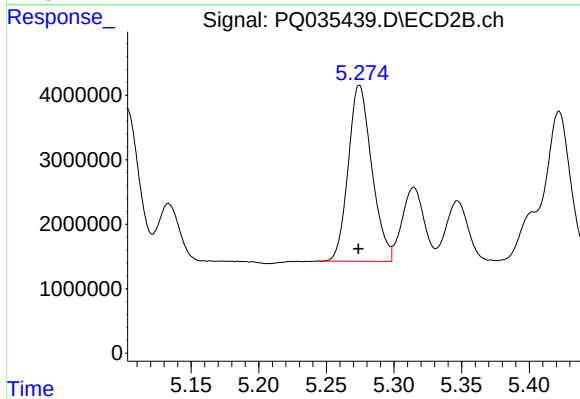
#23 AR-1248-3

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 30017577
Conc: 537.92 ng/ml



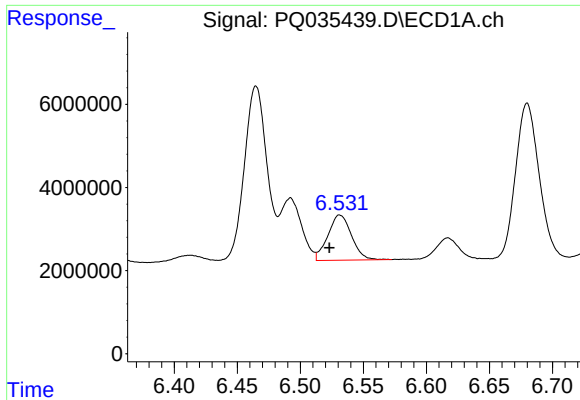
#24 AR-1248-4

R.T.: 6.492 min
Delta R.T.: 0.008 min
Response: 17327801
Conc: 140.71 ng/ml



#24 AR-1248-4

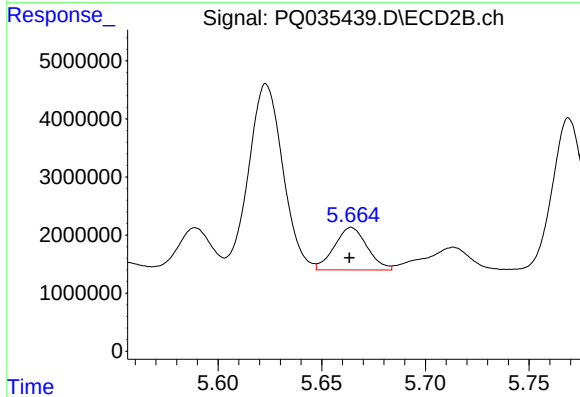
R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 33066404
Conc: 477.67 ng/ml



#25 AR-1248-5

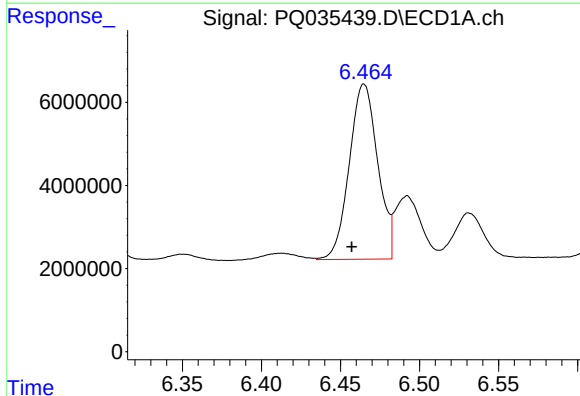
R.T.: 6.531 min
Delta R.T.: 0.008 min
Response: 14193495
Conc: 121.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



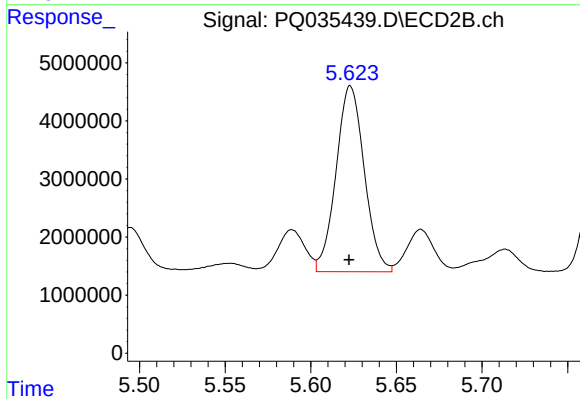
#25 AR-1248-5

R.T.: 5.664 min
Delta R.T.: 0.000 min
Response: 8066707
Conc: 114.45 ng/ml



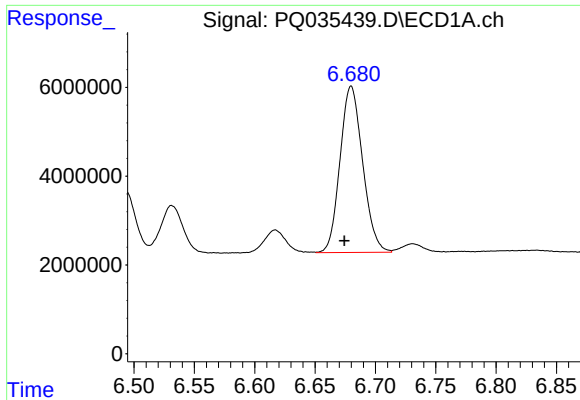
#26 AR-1254-1

R.T.: 6.465 min
Delta R.T.: 0.008 min
Response: 52678630
Conc: 346.04 ng/ml



#26 AR-1254-1

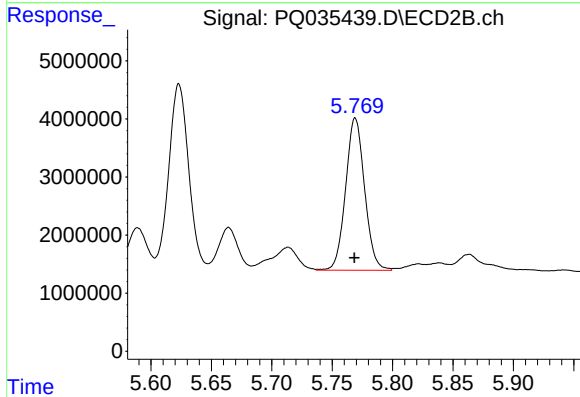
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 36670687
Conc: 274.92 ng/ml



#27 AR-1254-2

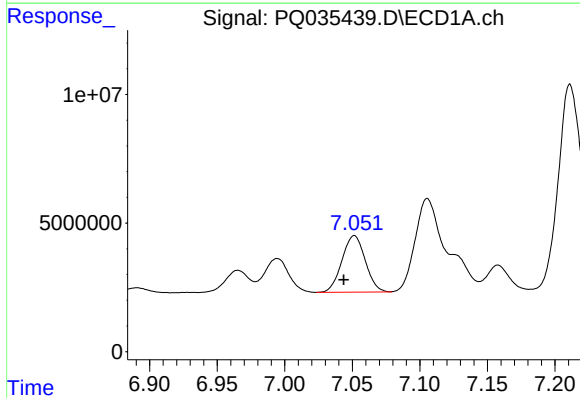
R.T.: 6.680 min
Delta R.T.: 0.006 min
Response: 48871621
Conc: 206.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



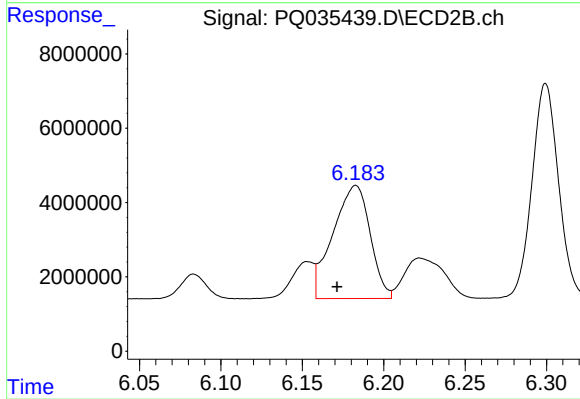
#27 AR-1254-2

R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 28683941
Conc: 248.24 ng/ml



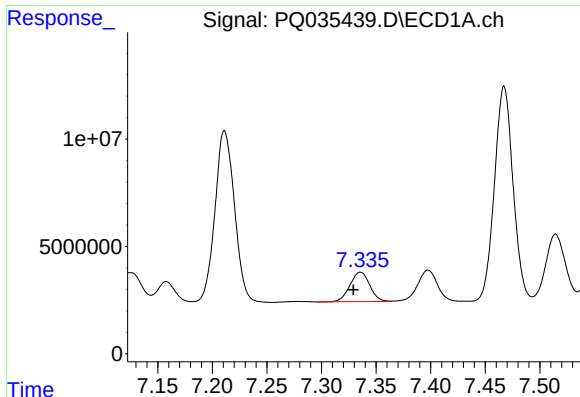
#28 AR-1254-3

R.T.: 7.052 min
Delta R.T.: 0.008 min
Response: 26469713
Conc: 103.09 ng/ml



#28 AR-1254-3

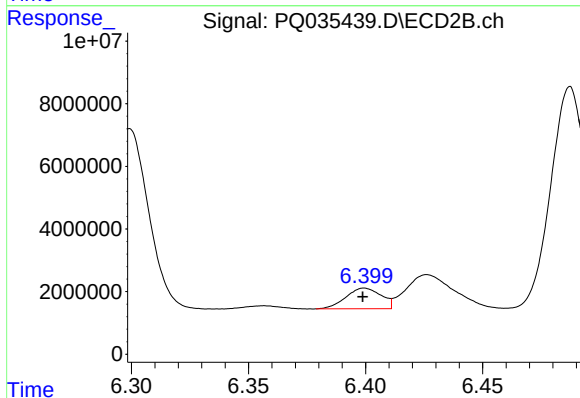
R.T.: 6.183 min
Delta R.T.: 0.012 min
Response: 48386538
Conc: 250.63 ng/ml



#29 AR-1254-4

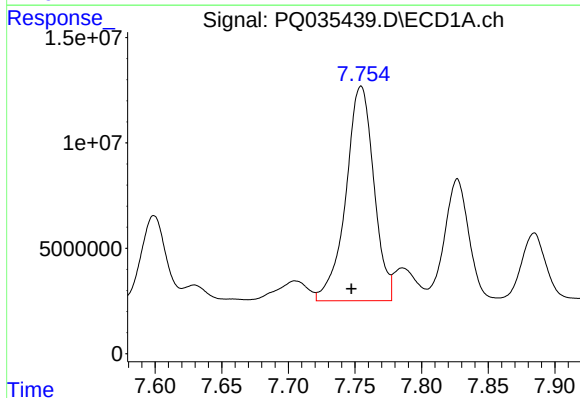
R.T.: 7.336 min
Delta R.T.: 0.007 min
Response: 17331493
Conc: 95.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



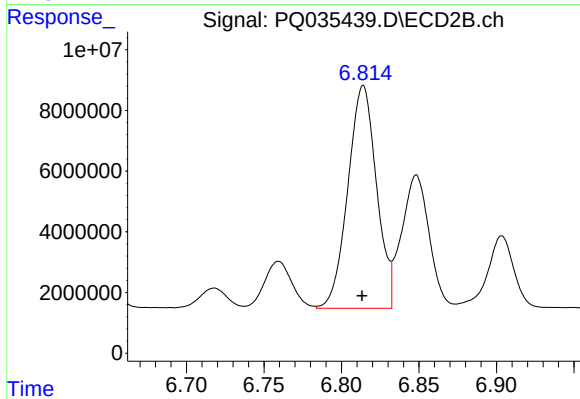
#29 AR-1254-4

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 6909322
Conc: 57.41 ng/ml



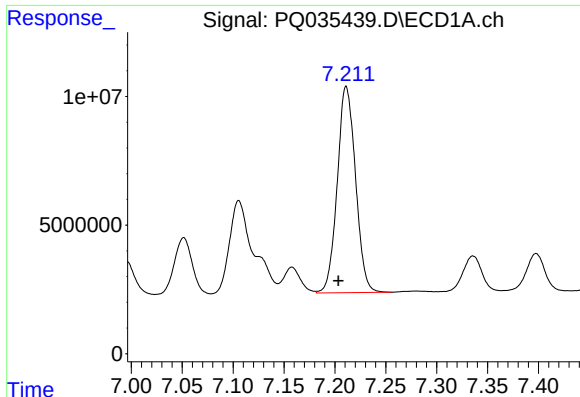
#30 AR-1254-5

R.T.: 7.755 min
Delta R.T.: 0.007 min
Response: 148906679
Conc: 759.14 ng/ml



#30 AR-1254-5

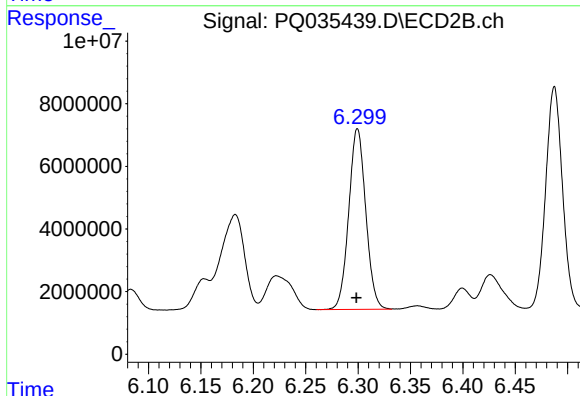
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 94392291
Conc: 579.58 ng/ml



#31 AR-1260-1

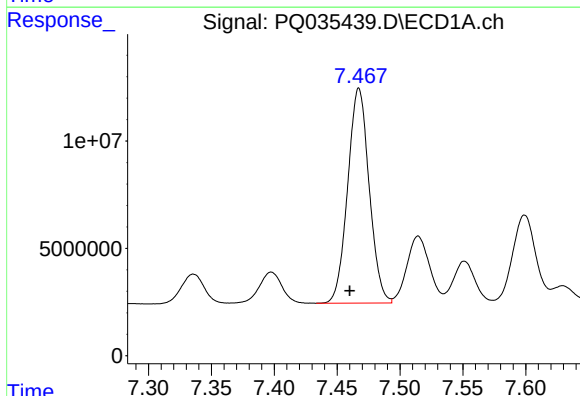
R.T.: 7.211 min
Delta R.T.: 0.008 min
Response: 100316969
Conc: 544.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



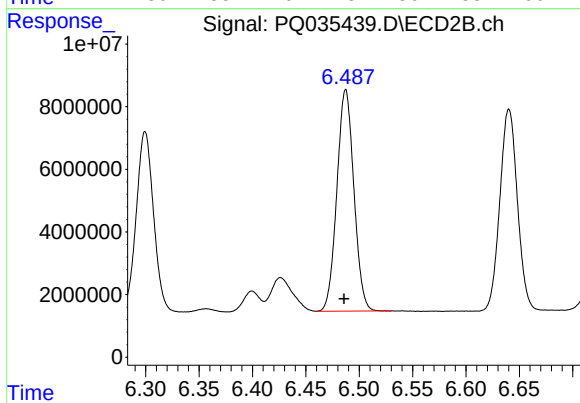
#31 AR-1260-1

R.T.: 6.299 min
Delta R.T.: 0.001 min
Response: 65329334
Conc: 519.36 ng/ml



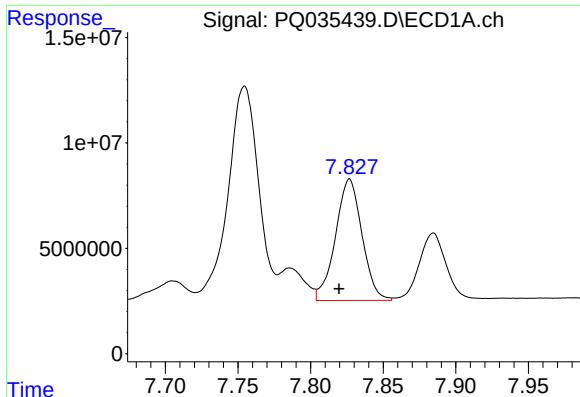
#32 AR-1260-2

R.T.: 7.467 min
Delta R.T.: 0.007 min
Response: 119047592
Conc: 547.89 ng/ml



#32 AR-1260-2

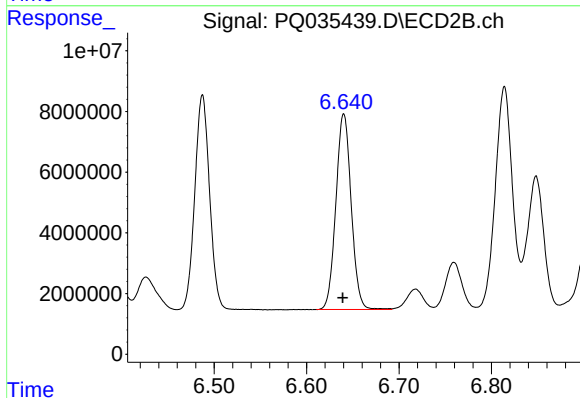
R.T.: 6.487 min
Delta R.T.: 0.002 min
Response: 78556271
Conc: 520.20 ng/ml



#33 AR-1260-3

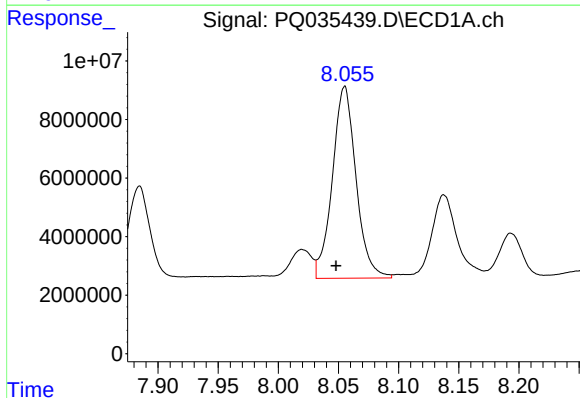
R.T.: 7.827 min
Delta R.T.: 0.007 min
Response: 73333349
Conc: 547.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



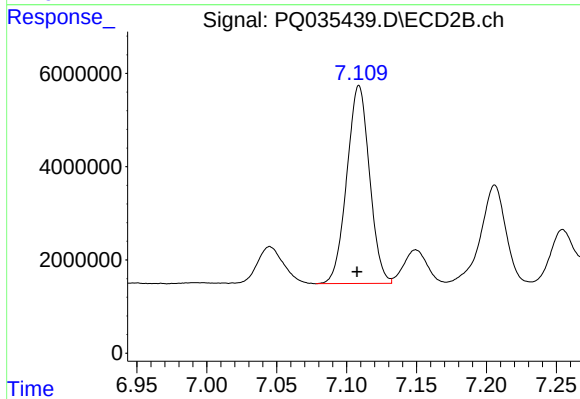
#33 AR-1260-3

R.T.: 6.640 min
Delta R.T.: 0.001 min
Response: 74248753
Conc: 531.36 ng/ml



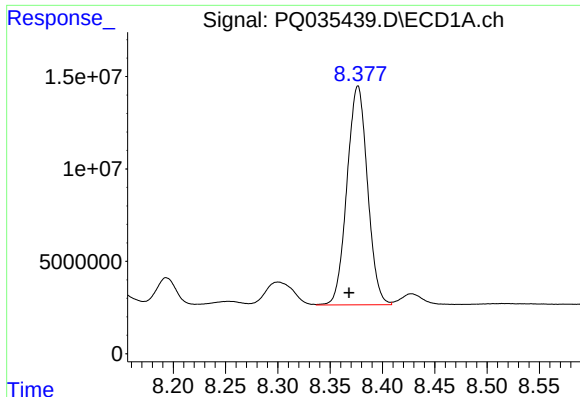
#34 AR-1260-4

R.T.: 8.055 min
Delta R.T.: 0.007 min
Response: 89717430
Conc: 544.37 ng/ml



#34 AR-1260-4

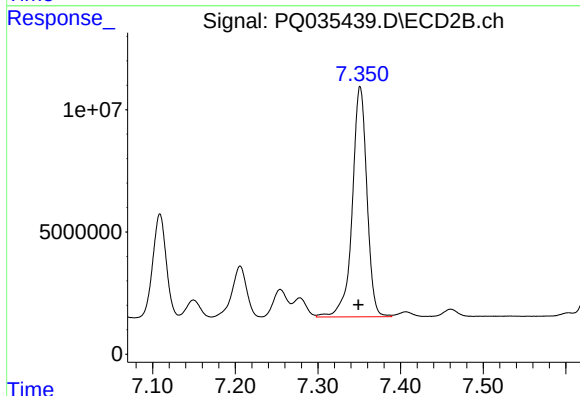
R.T.: 7.109 min
Delta R.T.: 0.001 min
Response: 47949731
Conc: 516.39 ng/ml



#35 AR-1260-5

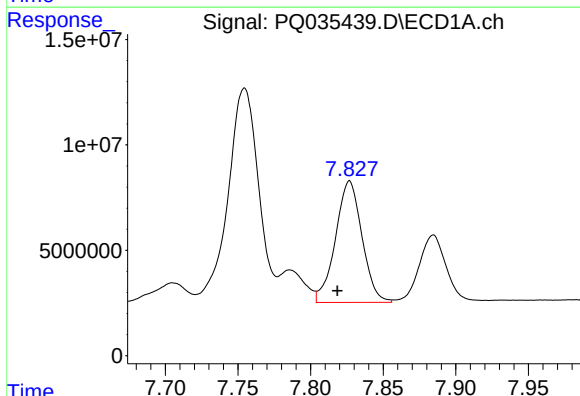
R.T.: 8.377 min
Delta R.T.: 0.008 min
Response: 161753205
Conc: 542.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



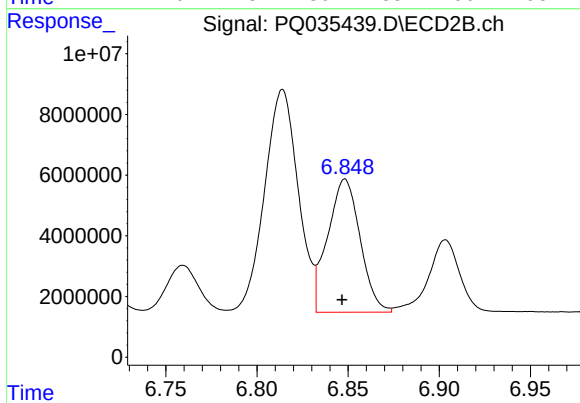
#35 AR-1260-5

R.T.: 7.351 min
Delta R.T.: 0.002 min
Response: 116056003
Conc: 517.19 ng/ml



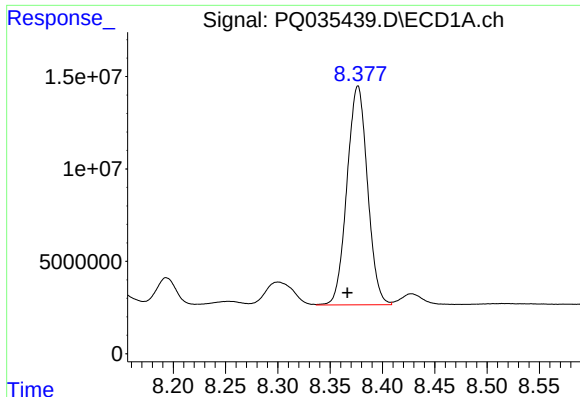
#36 AR-1262-1

R.T.: 7.827 min
Delta R.T.: 0.008 min
Response: 73333349
Conc: 334.74 ng/ml



#36 AR-1262-1

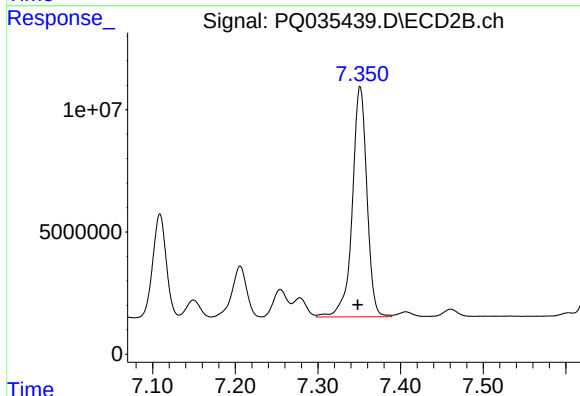
R.T.: 6.848 min
Delta R.T.: 0.002 min
Response: 54452946
Conc: 354.82 ng/ml



#37 AR-1262-2

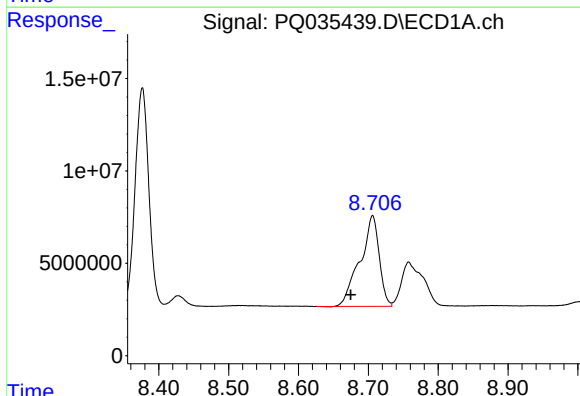
R.T.: 8.377 min
Delta R.T.: 0.010 min
Response: 161753205
Conc: 429.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



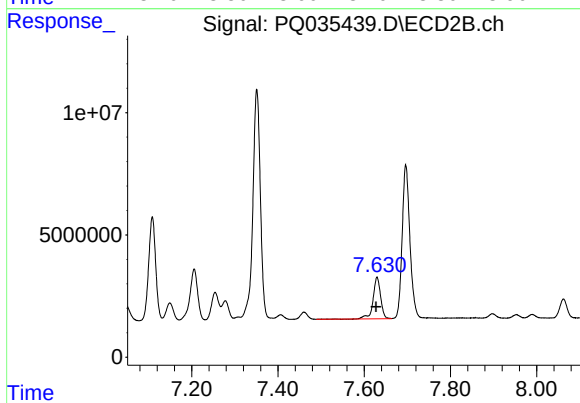
#37 AR-1262-2

R.T.: 7.351 min
Delta R.T.: 0.003 min
Response: 116056003
Conc: 434.89 ng/ml



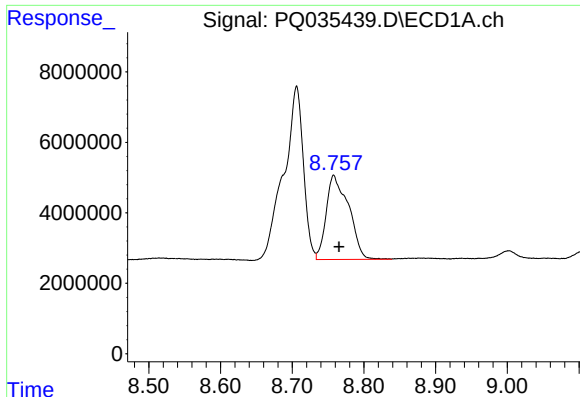
#38 AR-1262-3

R.T.: 8.706 min
Delta R.T.: 0.031 min
Response: 93824351
Conc: 390.30 ng/ml



#38 AR-1262-3

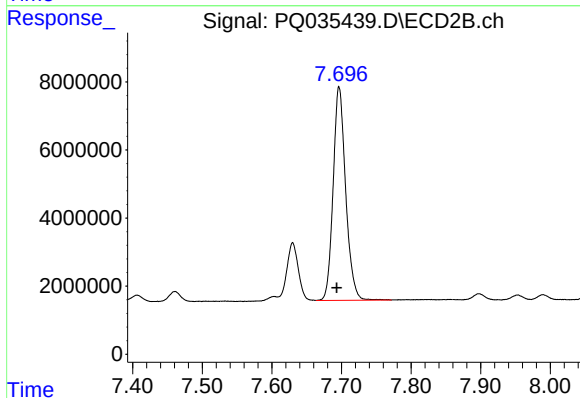
R.T.: 7.630 min
Delta R.T.: 0.003 min
Response: 20706227
Conc: 199.52 ng/ml



#39 AR-1262-4

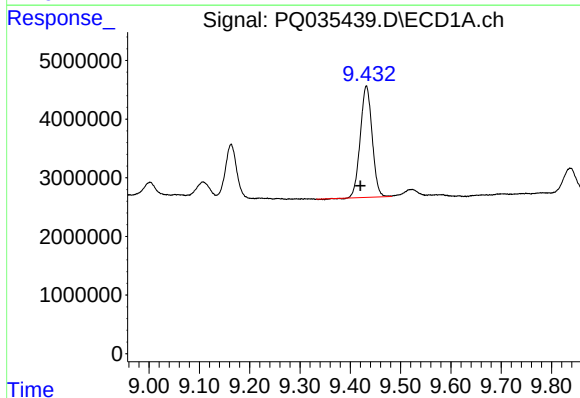
R.T.: 8.758 min
Delta R.T.: -0.007 min
Response: 51948014
Conc: 287.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



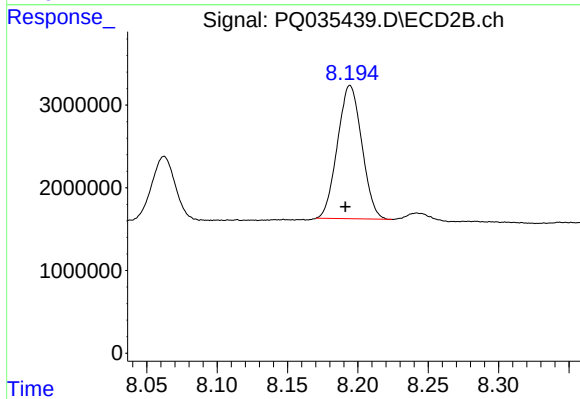
#39 AR-1262-4

R.T.: 7.697 min
Delta R.T.: 0.003 min
Response: 78528501
Conc: 423.92 ng/ml



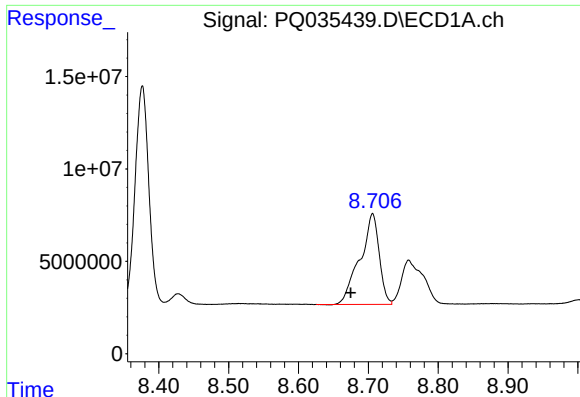
#40 AR-1262-5

R.T.: 9.432 min
Delta R.T.: 0.012 min
Response: 31066275
Conc: 272.79 ng/ml



#40 AR-1262-5

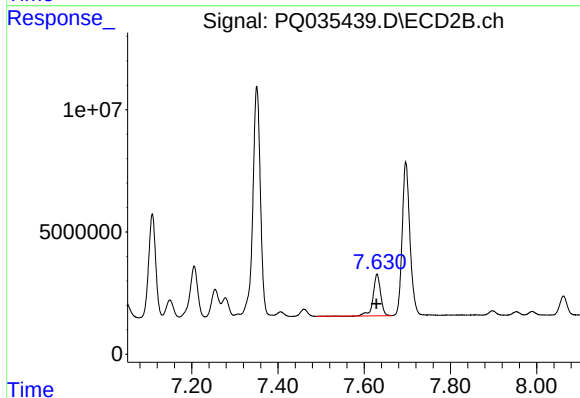
R.T.: 8.194 min
Delta R.T.: 0.003 min
Response: 19429529
Conc: 261.76 ng/ml



#41 AR-1268-1

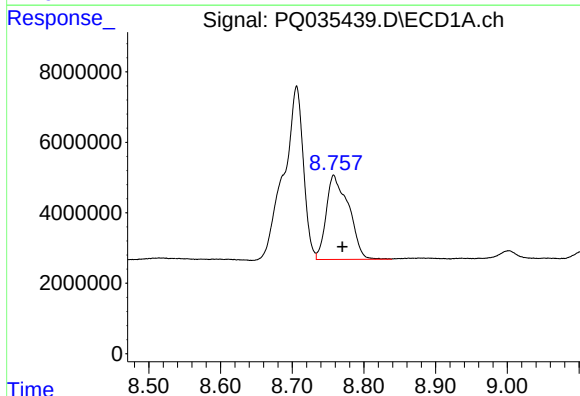
R.T.: 8.706 min
Delta R.T.: 0.031 min
Response: 93824351
Conc: 194.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



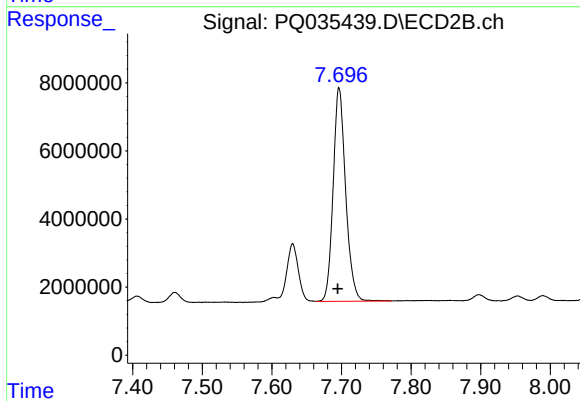
#41 AR-1268-1

R.T.: 7.630 min
Delta R.T.: 0.001 min
Response: 20706227
Conc: 62.09 ng/ml



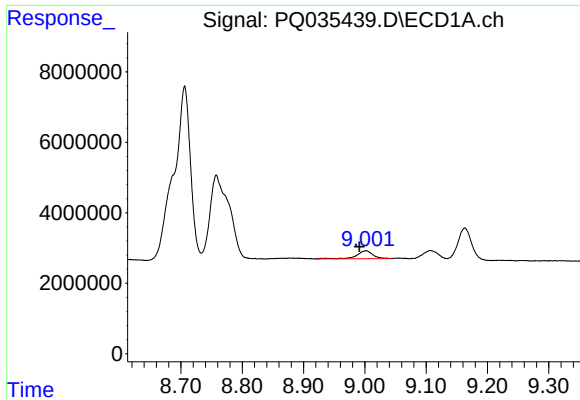
#42 AR-1268-2

R.T.: 8.758 min
Delta R.T.: -0.012 min
Response: 51948014
Conc: 120.40 ng/ml



#42 AR-1268-2

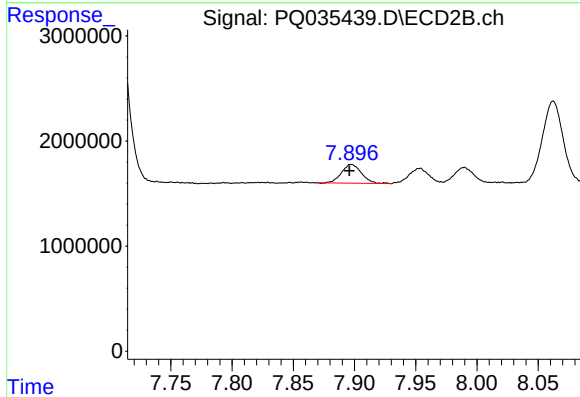
R.T.: 7.697 min
Delta R.T.: 0.002 min
Response: 78528501
Conc: 264.98 ng/ml



#43 AR-1268-3

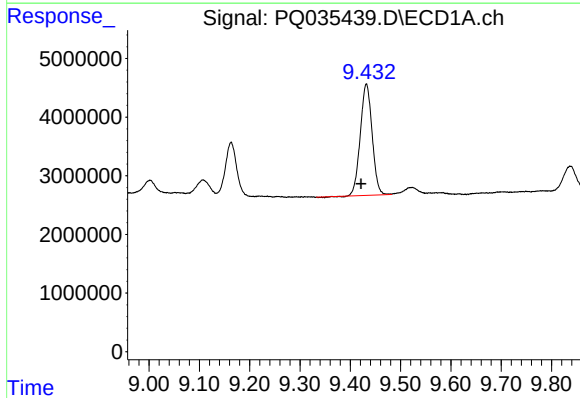
R.T.: 9.002 min
Delta R.T.: 0.011 min
Response: 4125252
Conc: 10.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



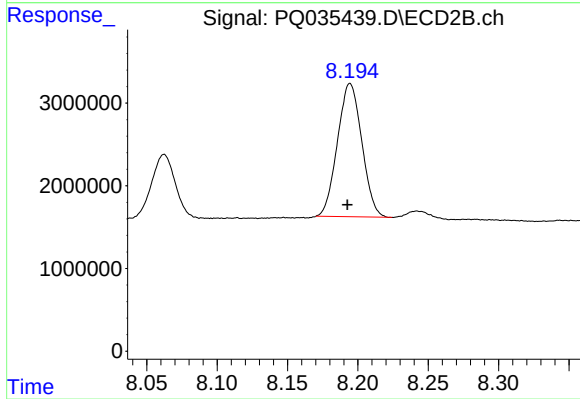
#43 AR-1268-3

R.T.: 7.897 min
Delta R.T.: 0.002 min
Response: 2041339
Conc: 8.35 ng/ml



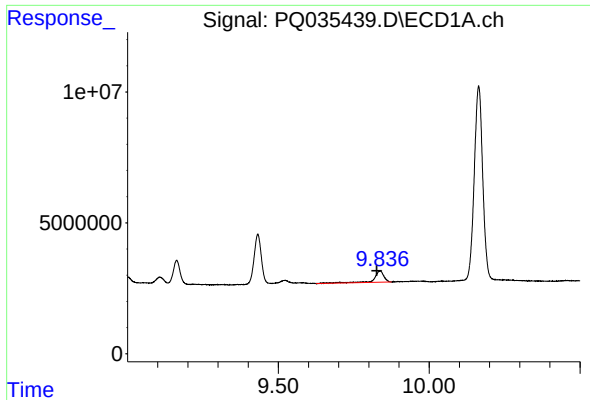
#44 AR-1268-4

R.T.: 9.432 min
Delta R.T.: 0.011 min
Response: 31066275
Conc: 226.61 ng/ml



#44 AR-1268-4

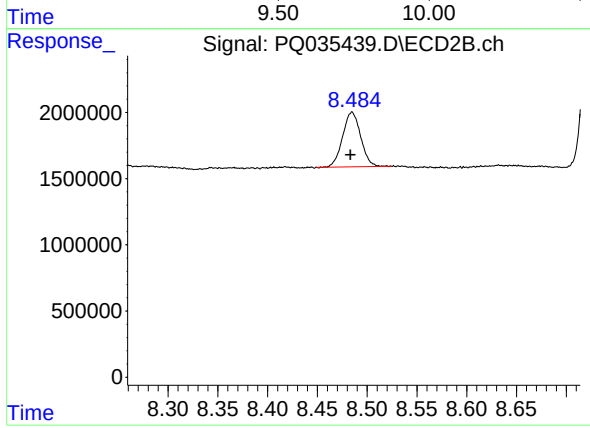
R.T.: 8.194 min
Delta R.T.: 0.002 min
Response: 19429529
Conc: 208.27 ng/ml



#45 AR-1268-5

R.T.: 9.838 min
Delta R.T.: 0.012 min
Response: 9967603
Conc: 8.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.485 min
Delta R.T.: 0.001 min
Response: 5232631
Conc: 7.16 ng/ml