

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090518\
 Data File : PQ031677.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2018 16:05
 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: Sep 06 00:56:50 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...	4.613	3.888	64078725	44905816	43.913	39.411
2)	SA Decachlor...	10.474	8.972	100.5E6	90828598	46.852	43.341
Target Compounds							
3)	L1 AR-1016-1	5.325	4.571	17012561	14360411	435.639	447.610
4)	L1 AR-1016-2	5.522	4.987	17815831	22737313	444.167	453.426
5)	L1 AR-1016-3	5.790	5.007	25024842	33022545	407.326	458.230
6)	L1 AR-1016-4	5.875	5.064	22551367	21709325	417.930	488.192
7)	L1 AR-1016-5	6.270	5.441	18178138	19424760	399.912	484.343
8)	L2 AR-1221-1	4.817	4.102	2058396	1443508	117.593	104.343
9)	L2 AR-1221-2	4.910	4.192	2708542	2191475	207.226	201.230
10)	L2 AR-1221-3	4.988	4.269	11673835	8749670	271.786	252.109
11)	L3 AR-1232-1	5.813	4.766	36888029	15439185	1219.180	1223.985
12)	L3 AR-1232-2	5.975	4.880	18022158	4506241	1162.443	1256.805
13)	L3 AR-1232-3	6.147	5.267	4639049	17820787	1132.966	1445.634 #
14)	L3 AR-1232-4	6.480	5.591	5499017	21579084	1238.264	1429.548
15)	L3 AR-1232-5	7.343	6.173	2754356	543823	1035.950	209.237 #
16)	L4 AR-1242-1	5.355	4.591	10066905	8692511	550.583	621.435
17)	L4 AR-1242-2	6.109	5.186	14444855	17650634	469.307	615.096 #
18)	L4 AR-1242-3	6.311	5.300	7592646	5864017	470.951	610.277 #
19)	L4 AR-1242-4	6.355	5.665	5834696	5348092	429.598	608.053 #
20)	L4 AR-1242-5	6.411	6.038	21457256	2615914	547.176	114.362 #
21)	L5 AR-1248-1	6.062	5.224	14453817	14215154	254.820	301.079
22)	L5 AR-1248-2	6.647	5.795	21313009	21014798	358.812	225.460 #
23)	L5 AR-1248-3	6.672	5.836	7858230	5428829	98.638	84.932
24)	L5 AR-1248-4	6.713	6.038	6893324	2615914	90.570	45.453 #
25)	L5 AR-1248-5	6.863	6.362	19220500	36573368	375.704	791.902 #
26)	L6 AR-1254-1	6.863	5.940	19220500	15112629	132.505	151.393
27)	L6 AR-1254-2	7.148	6.259	3393253	3747729	37.738	42.740
28)	L6 AR-1254-3	7.234	6.576	10105976	2991491	61.663	25.890 #
29)	L6 AR-1254-4	7.519	6.902	6839237	5316696	55.929	64.029
30)	L6 AR-1254-5	7.782	6.994	26965718	65617348	284.166	394.664 #
31)	L7 AR-1260-1	7.397	6.478	52934684	45959670	481.777	455.036
32)	L7 AR-1260-2	7.652	6.663	63315468	57928507	477.888	448.391
33)	L7 AR-1260-3	7.938	6.821	73427694	54024505	465.307	449.273
34)	L7 AR-1260-4	8.245	7.293	52026377	44882609	444.895	434.040
35)	L7 AR-1260-5	8.578	7.532	110.3E6	112.6E6	464.482	442.236
36)	L8 AR-1262-1	7.291	6.362	26674049	36573368	463.102	728.827 #
37)	L8 AR-1262-2	8.071	7.085	21732177	23177451	406.496	425.875
38)	L8 AR-1262-3	8.331	7.391	24204990	23979384	395.686	386.668
39)	L8 AR-1262-4	8.980	7.817	39581097	23222606	309.180	221.730 #
40)	L8 AR-1262-5	9.688	8.389	29556440	26930896	306.567	284.640
41)	L9 AR-1268-1	8.012	7.030	43756678	46753408	824.314	868.266

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2018 16:05
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

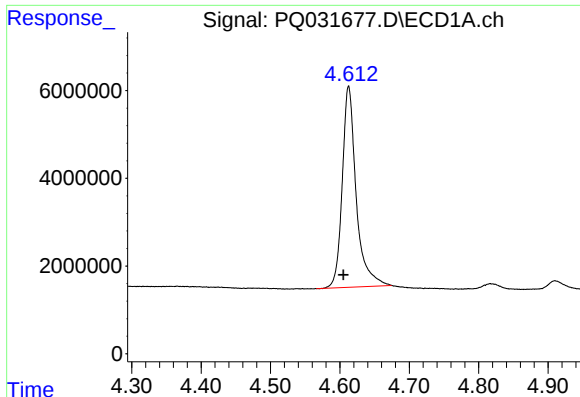
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 06 00:56:50 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	8.245	7.881	52026377	81227546	745.423	268.713 #
43) L9	AR-1268-3	8.923	8.090	68582625	2652821	210.446	10.604 #
44) L9	AR-1268-4	9.239	8.184	2781140	2087566	11.121	31.028 #
45) L9	AR-1268-5	10.121	8.699	8511600	7323647	9.953	8.697

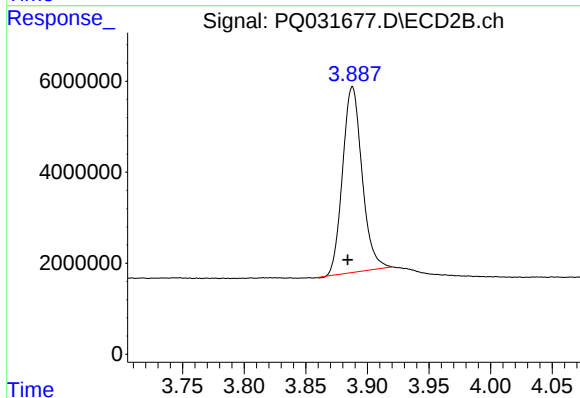
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

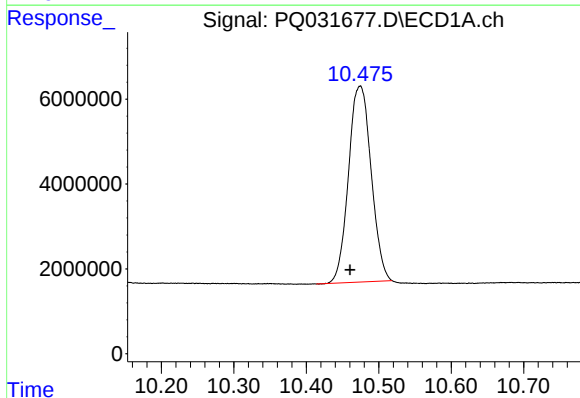
R.T.: 4.613 min
Delta R.T.: 0.008 min
Response: 64078725
Conc: 43.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



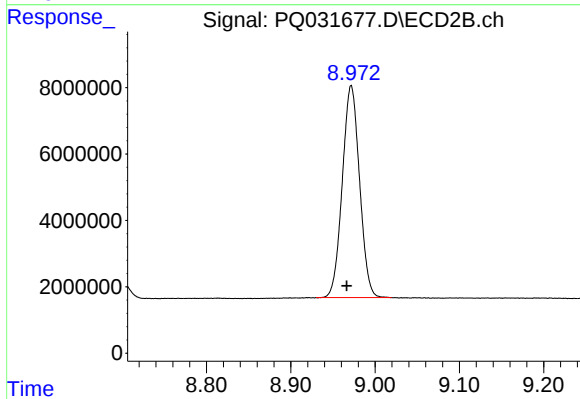
#1 Tetrachloro-m-xylene

R.T.: 3.888 min
Delta R.T.: 0.004 min
Response: 44905816
Conc: 39.41 ng/ml



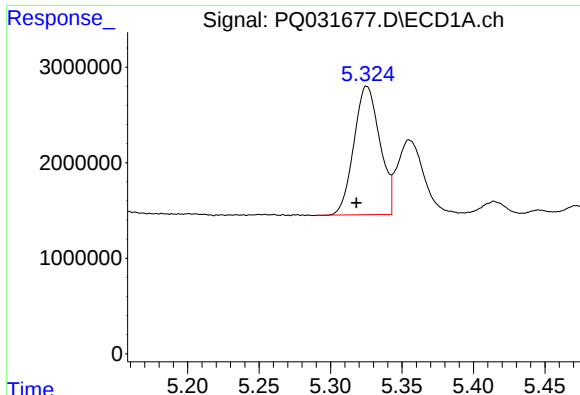
#2 Decachlorobiphenyl

R.T.: 10.474 min
Delta R.T.: 0.014 min
Response: 100461944
Conc: 46.85 ng/ml



#2 Decachlorobiphenyl

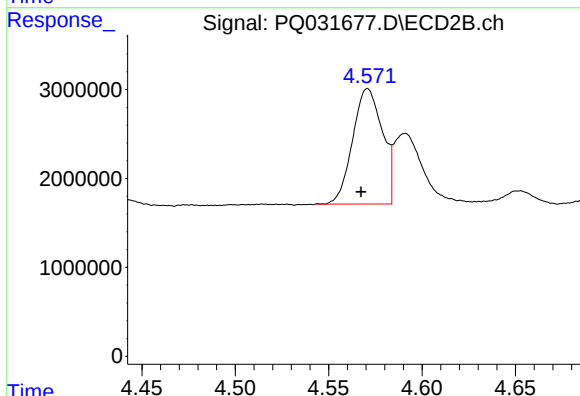
R.T.: 8.972 min
Delta R.T.: 0.005 min
Response: 90828598
Conc: 43.34 ng/ml



#3 AR-1016-1

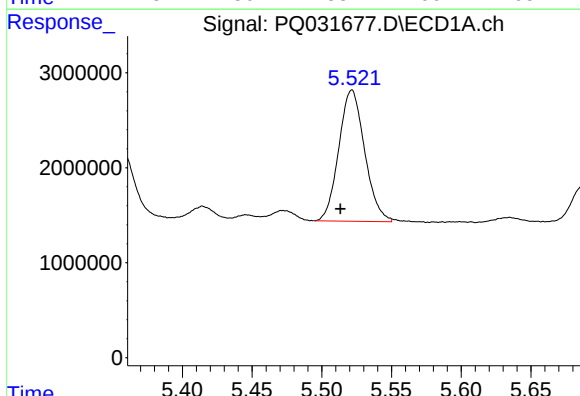
R.T.: 5.325 min
Delta R.T.: 0.007 min
Response: 17012561
Conc: 435.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



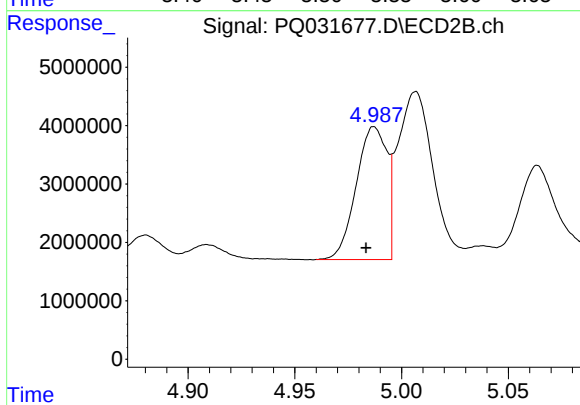
#3 AR-1016-1

R.T.: 4.571 min
Delta R.T.: 0.004 min
Response: 14360411
Conc: 447.61 ng/ml



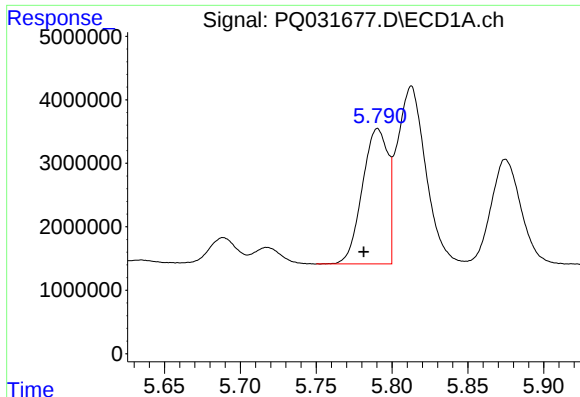
#4 AR-1016-2

R.T.: 5.522 min
Delta R.T.: 0.008 min
Response: 17815831
Conc: 444.17 ng/ml



#4 AR-1016-2

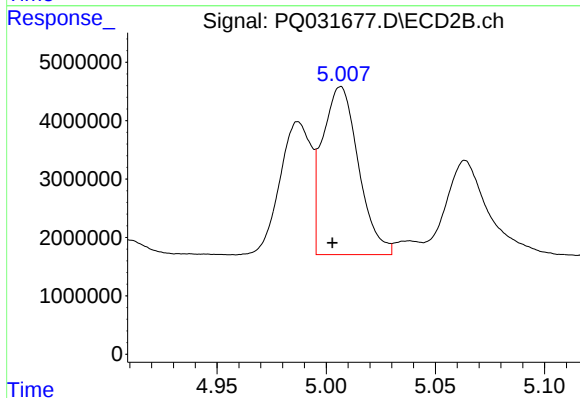
R.T.: 4.987 min
Delta R.T.: 0.004 min
Response: 22737313
Conc: 453.43 ng/ml



#5 AR-1016-3

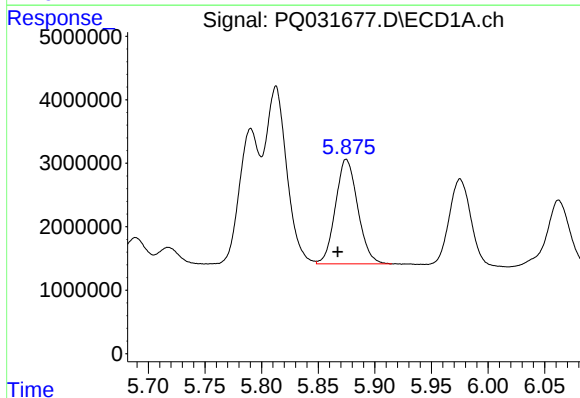
R.T.: 5.790 min
Delta R.T.: 0.009 min
Response: 25024842
Conc: 407.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



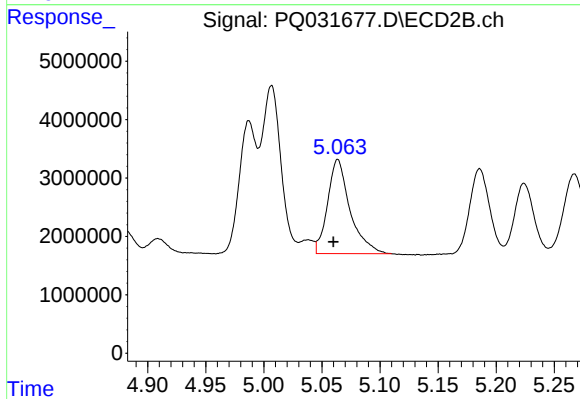
#5 AR-1016-3

R.T.: 5.007 min
Delta R.T.: 0.004 min
Response: 33022545
Conc: 458.23 ng/ml



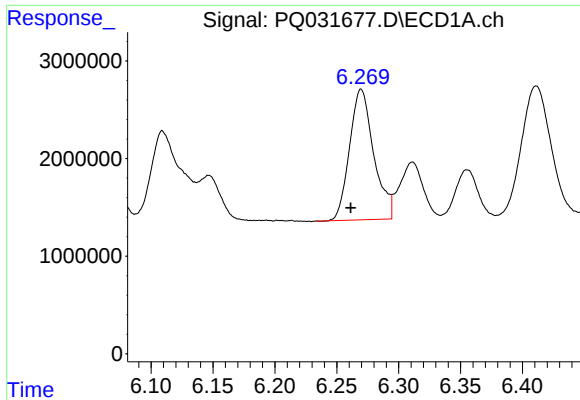
#6 AR-1016-4

R.T.: 5.875 min
Delta R.T.: 0.008 min
Response: 22551367
Conc: 417.93 ng/ml



#6 AR-1016-4

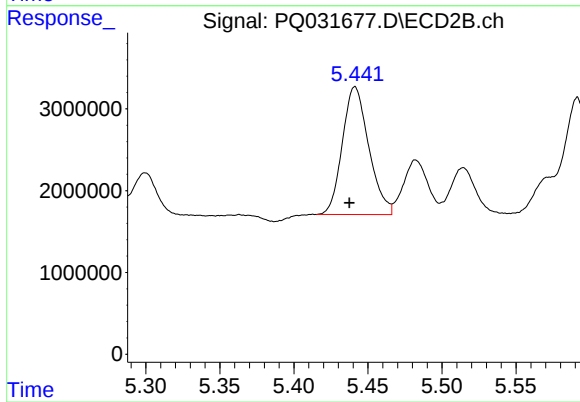
R.T.: 5.064 min
Delta R.T.: 0.004 min
Response: 21709325
Conc: 488.19 ng/ml



#7 AR-1016-5

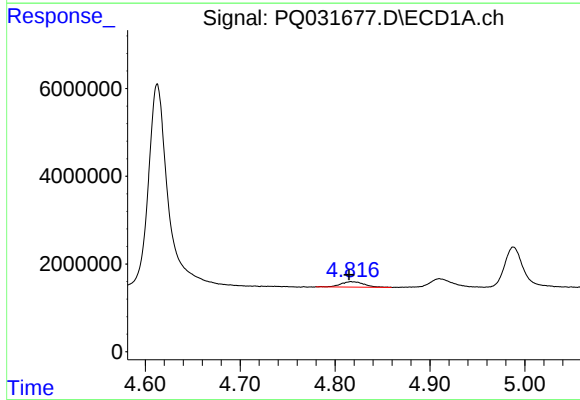
R.T.: 6.270 min
Delta R.T.: 0.008 min
Response: 18178138
Conc: 399.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



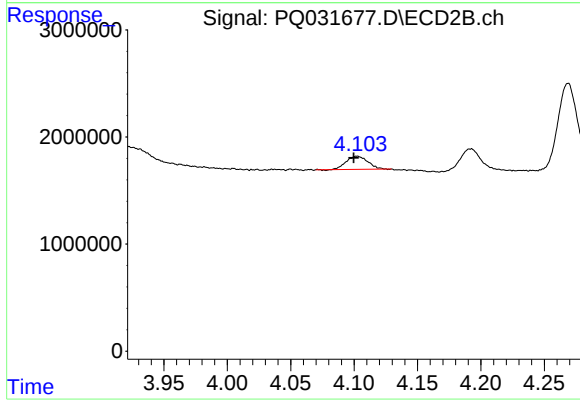
#7 AR-1016-5

R.T.: 5.441 min
Delta R.T.: 0.004 min
Response: 19424760
Conc: 484.34 ng/ml



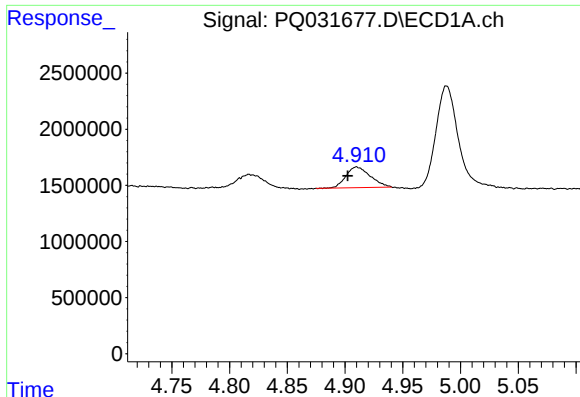
#8 AR-1221-1

R.T.: 4.817 min
Delta R.T.: 0.002 min
Response: 2058396
Conc: 117.59 ng/ml



#8 AR-1221-1

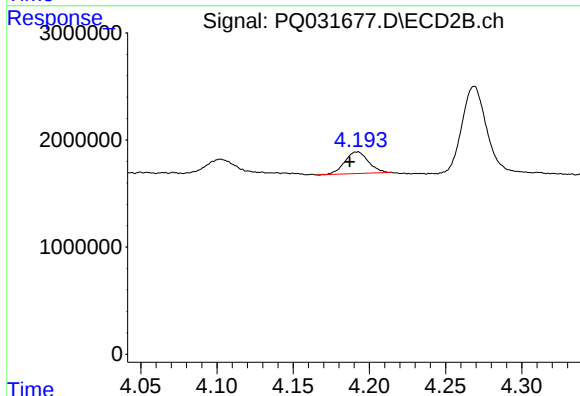
R.T.: 4.102 min
Delta R.T.: 0.003 min
Response: 1443508
Conc: 104.34 ng/ml



#9 AR-1221-2

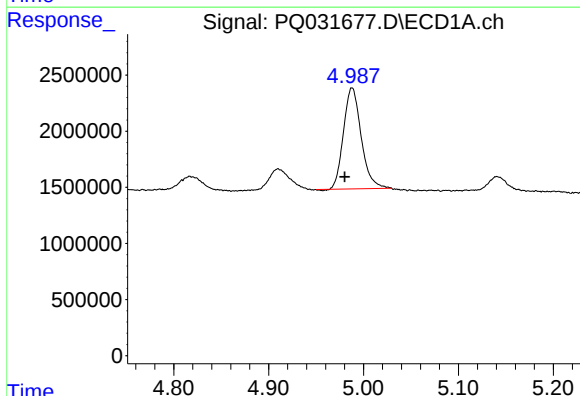
R.T.: 4.910 min
Delta R.T.: 0.008 min
Response: 2708542
Conc: 207.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



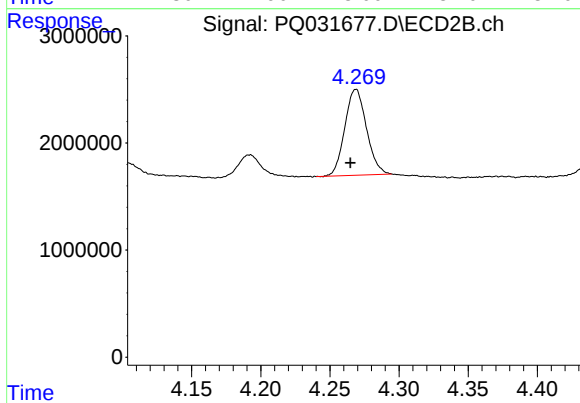
#9 AR-1221-2

R.T.: 4.192 min
Delta R.T.: 0.005 min
Response: 2191475
Conc: 201.23 ng/ml



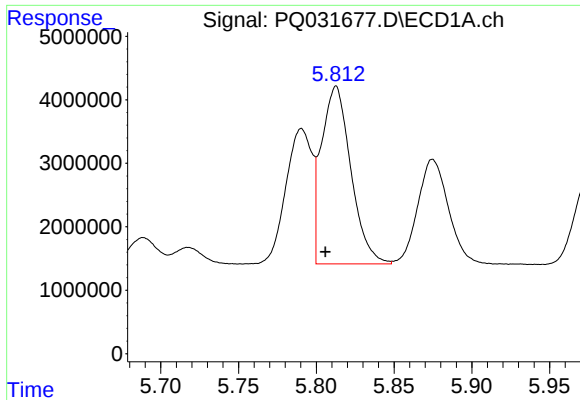
#10 AR-1221-3

R.T.: 4.988 min
Delta R.T.: 0.008 min
Response: 11673835
Conc: 271.79 ng/ml



#10 AR-1221-3

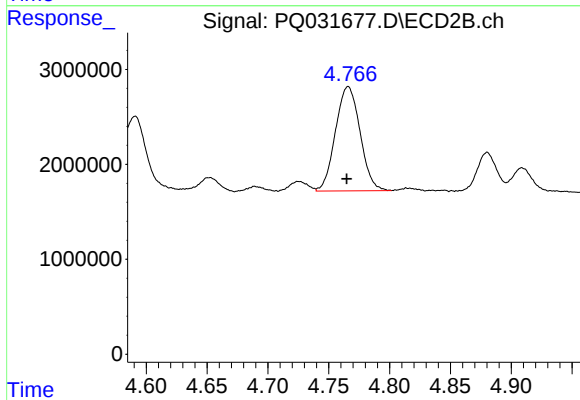
R.T.: 4.269 min
Delta R.T.: 0.004 min
Response: 8749670
Conc: 252.11 ng/ml



#11 AR-1232-1

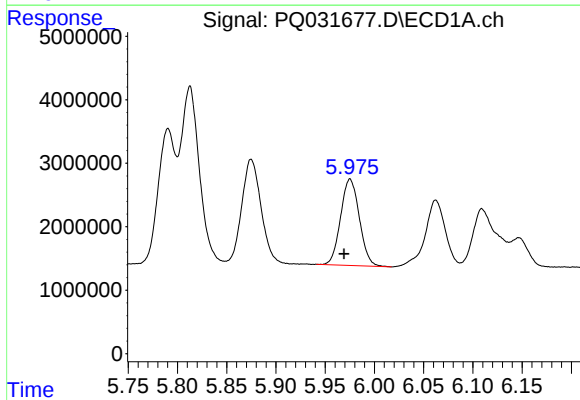
R.T.: 5.813 min
Delta R.T.: 0.007 min
Response: 36888029
Conc: 1219.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



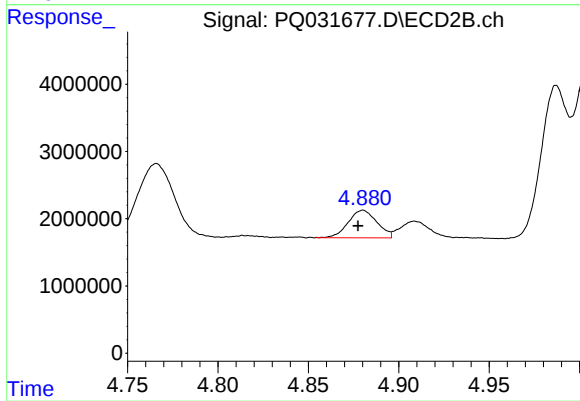
#11 AR-1232-1

R.T.: 4.766 min
Delta R.T.: 0.001 min
Response: 15439185
Conc: 1223.98 ng/ml



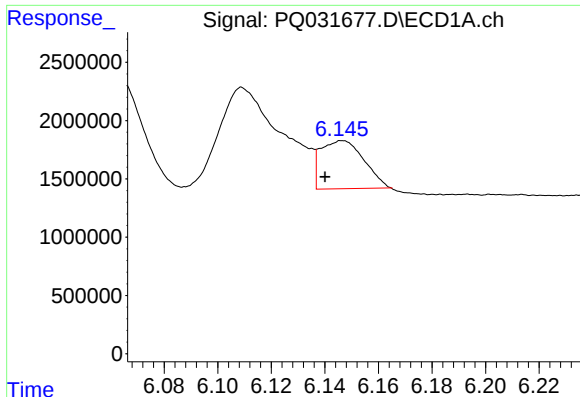
#12 AR-1232-2

R.T.: 5.975 min
Delta R.T.: 0.006 min
Response: 18022158
Conc: 1162.44 ng/ml



#12 AR-1232-2

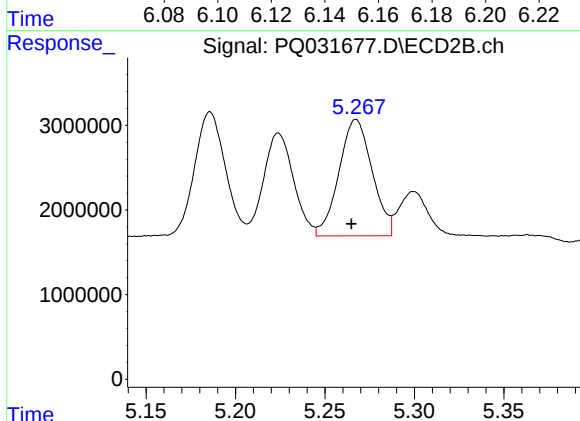
R.T.: 4.880 min
Delta R.T.: 0.003 min
Response: 4506241
Conc: 1256.81 ng/ml



#13 AR-1232-3

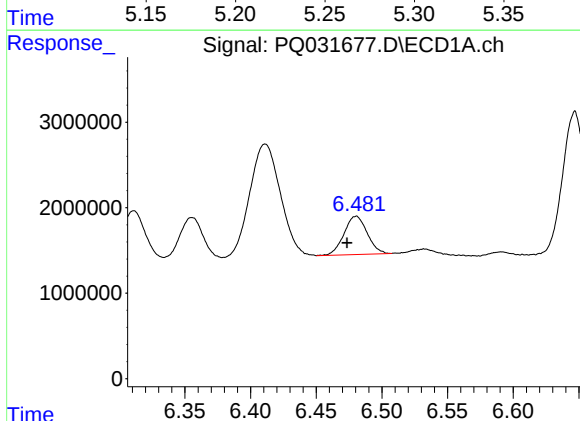
R.T.: 6.147 min
Delta R.T.: 0.007 min
Response: 4639049
Conc: 1132.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



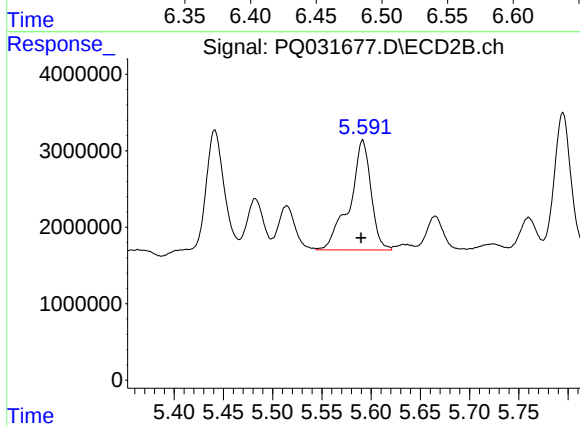
#13 AR-1232-3

R.T.: 5.267 min
Delta R.T.: 0.003 min
Response: 17820787
Conc: 1445.63 ng/ml



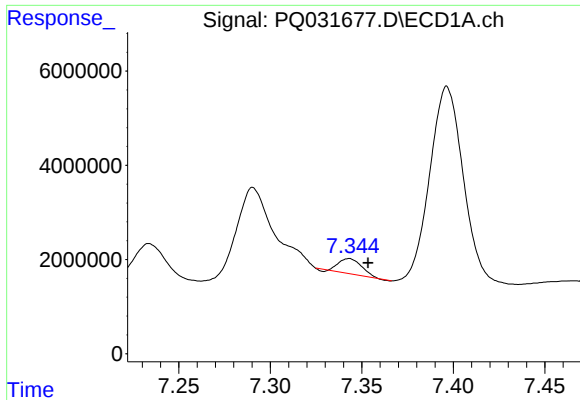
#14 AR-1232-4

R.T.: 6.480 min
Delta R.T.: 0.007 min
Response: 5499017
Conc: 1238.26 ng/ml



#14 AR-1232-4

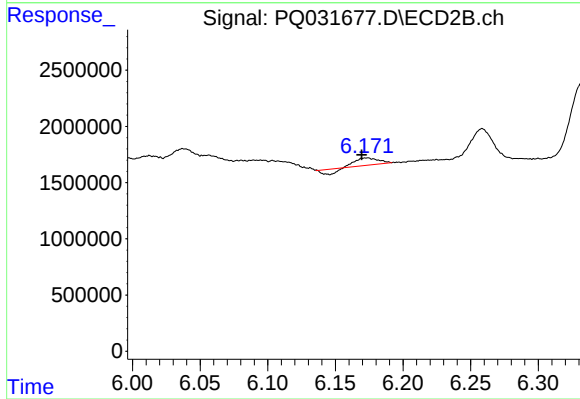
R.T.: 5.591 min
Delta R.T.: 0.002 min
Response: 21579084
Conc: 1429.55 ng/ml



#15 AR-1232-5

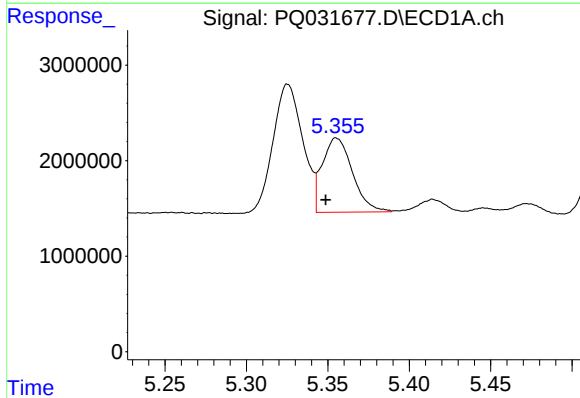
R.T.: 7.343 min
Delta R.T.: -0.010 min
Response: 2754356
Conc: 1035.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



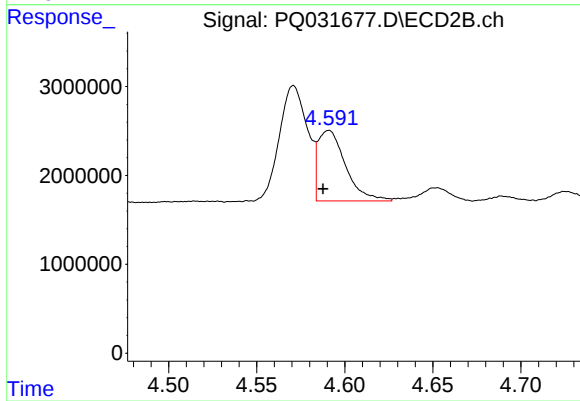
#15 AR-1232-5

R.T.: 6.173 min
Delta R.T.: 0.004 min
Response: 543823
Conc: 209.24 ng/ml



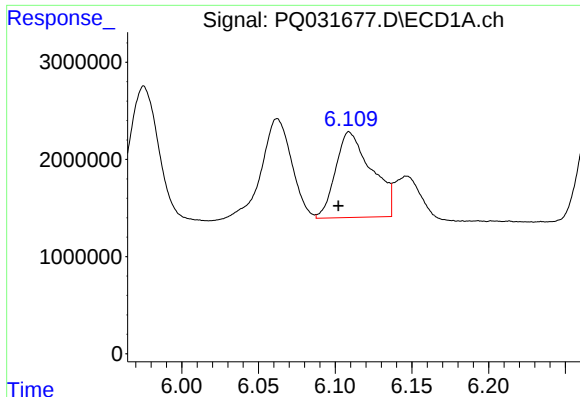
#16 AR-1242-1

R.T.: 5.355 min
Delta R.T.: 0.007 min
Response: 10066905
Conc: 550.58 ng/ml



#16 AR-1242-1

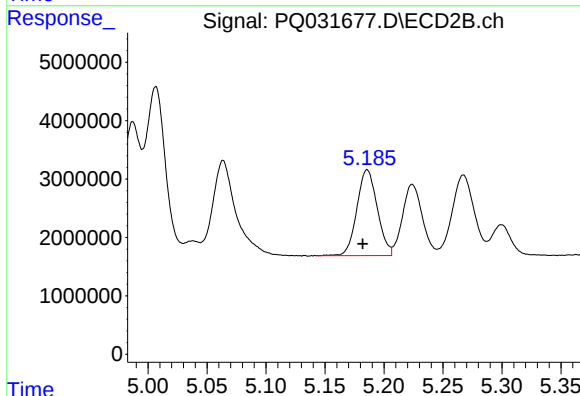
R.T.: 4.591 min
Delta R.T.: 0.003 min
Response: 8692511
Conc: 621.44 ng/ml



#17 AR-1242-2

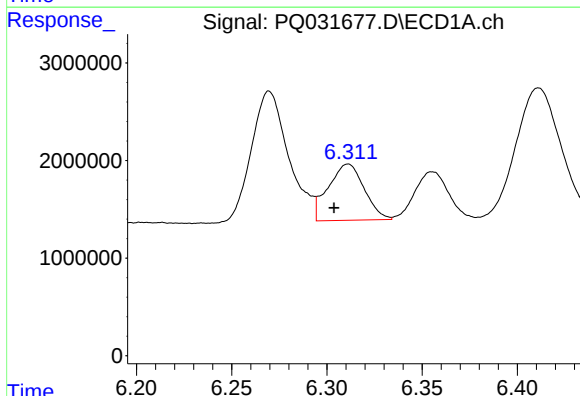
R.T.: 6.109 min
Delta R.T.: 0.007 min
Response: 14444855
Conc: 469.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



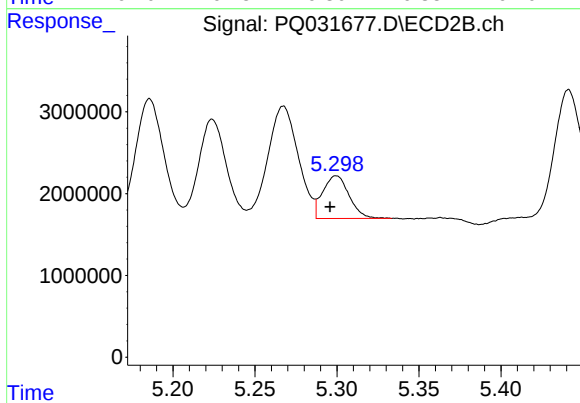
#17 AR-1242-2

R.T.: 5.186 min
Delta R.T.: 0.004 min
Response: 17650634
Conc: 615.10 ng/ml



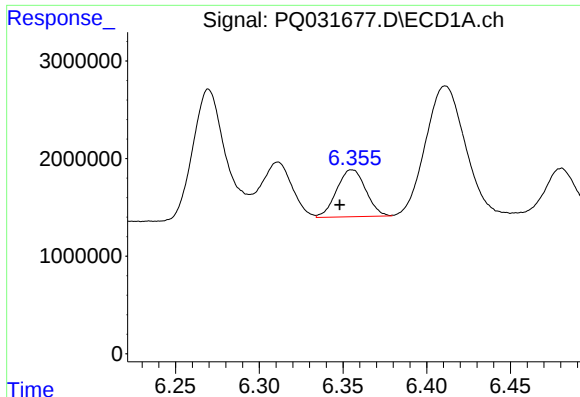
#18 AR-1242-3

R.T.: 6.311 min
Delta R.T.: 0.007 min
Response: 7592646
Conc: 470.95 ng/ml



#18 AR-1242-3

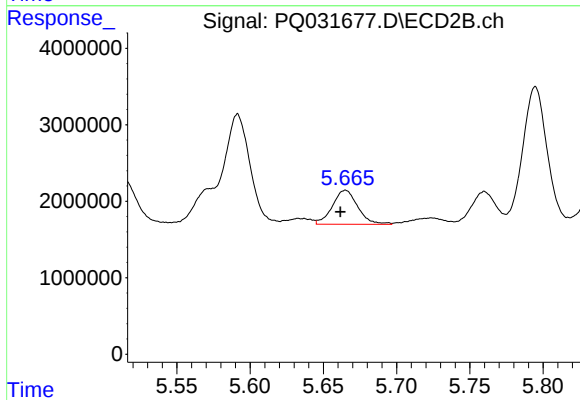
R.T.: 5.300 min
Delta R.T.: 0.004 min
Response: 5864017
Conc: 610.28 ng/ml



#19 AR-1242-4

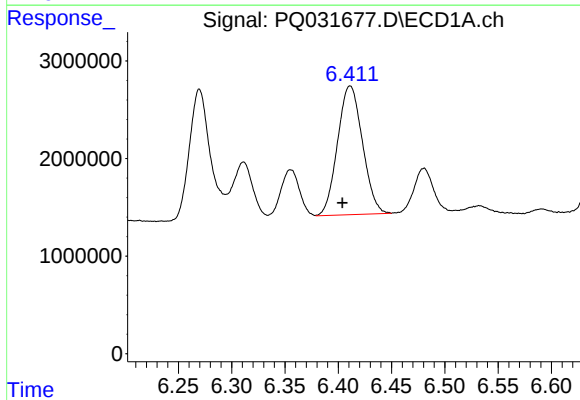
R.T.: 6.355 min
Delta R.T.: 0.007 min
Response: 5834696
Conc: 429.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



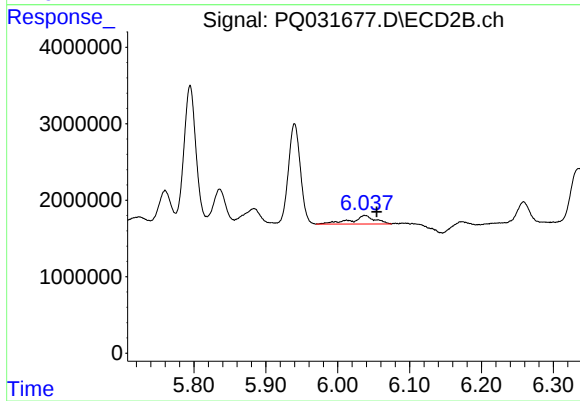
#19 AR-1242-4

R.T.: 5.665 min
Delta R.T.: 0.004 min
Response: 5348092
Conc: 608.05 ng/ml



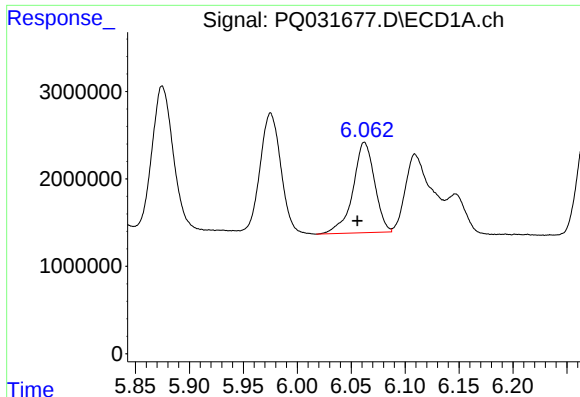
#20 AR-1242-5

R.T.: 6.411 min
Delta R.T.: 0.007 min
Response: 21457256
Conc: 547.18 ng/ml



#20 AR-1242-5

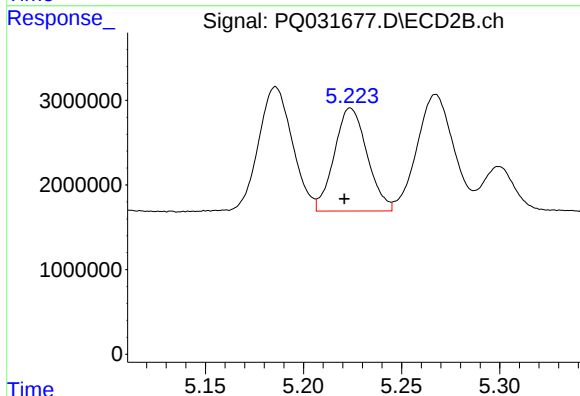
R.T.: 6.038 min
Delta R.T.: -0.017 min
Response: 2615914
Conc: 114.36 ng/ml



#21 AR-1248-1

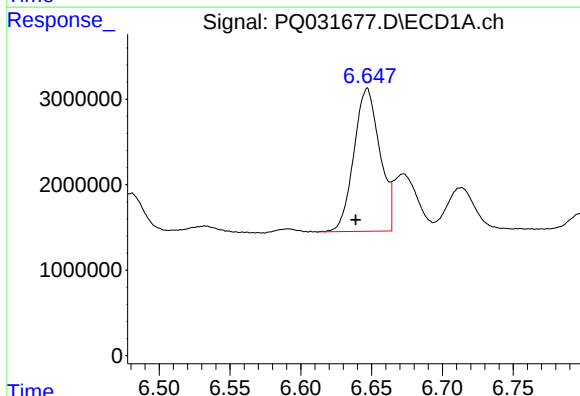
R.T.: 6.062 min
Delta R.T.: 0.006 min
Response: 14453817
Conc: 254.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



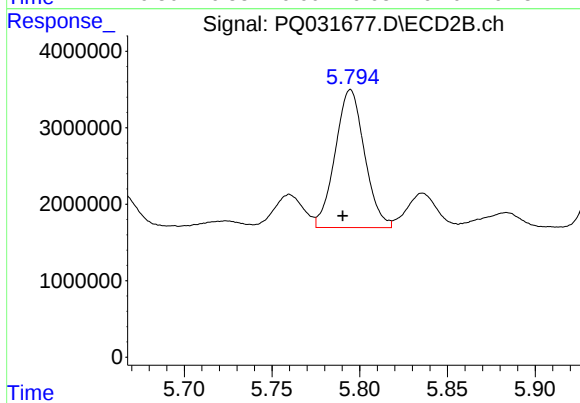
#21 AR-1248-1

R.T.: 5.224 min
Delta R.T.: 0.003 min
Response: 14215154
Conc: 301.08 ng/ml



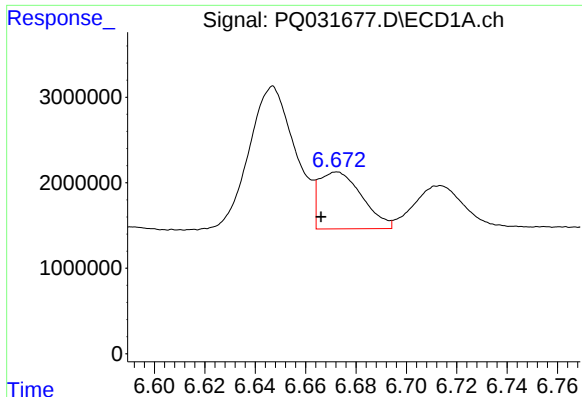
#22 AR-1248-2

R.T.: 6.647 min
Delta R.T.: 0.008 min
Response: 21313009
Conc: 358.81 ng/ml



#22 AR-1248-2

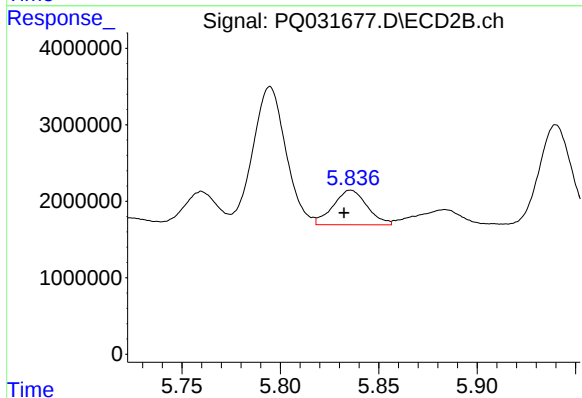
R.T.: 5.795 min
Delta R.T.: 0.004 min
Response: 21014798
Conc: 225.46 ng/ml



#23 AR-1248-3

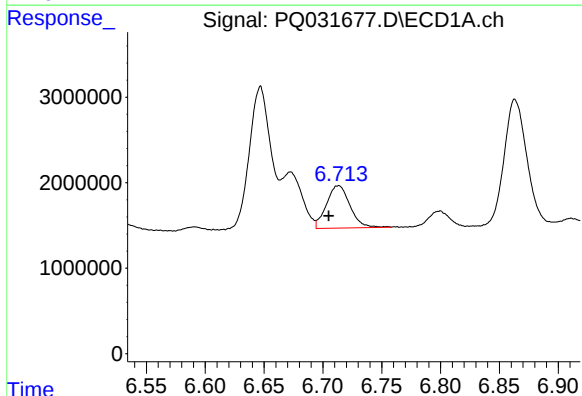
R.T.: 6.672 min
Delta R.T.: 0.006 min
Response: 7858230
Conc: 98.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



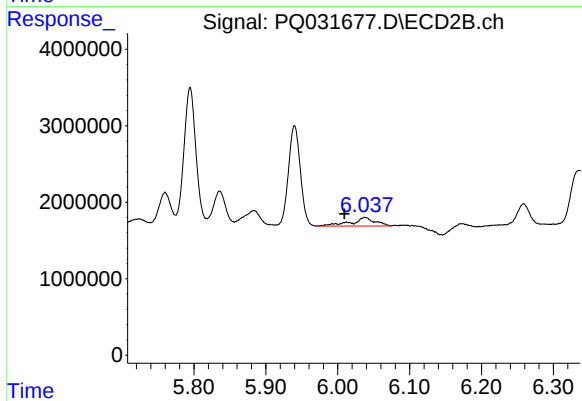
#23 AR-1248-3

R.T.: 5.836 min
Delta R.T.: 0.003 min
Response: 5428829
Conc: 84.93 ng/ml



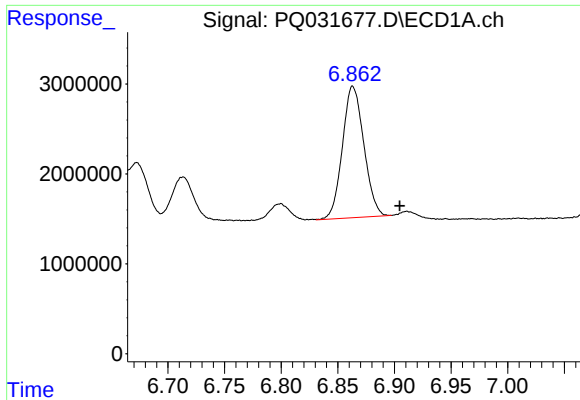
#24 AR-1248-4

R.T.: 6.713 min
Delta R.T.: 0.008 min
Response: 6893324
Conc: 90.57 ng/ml



#24 AR-1248-4

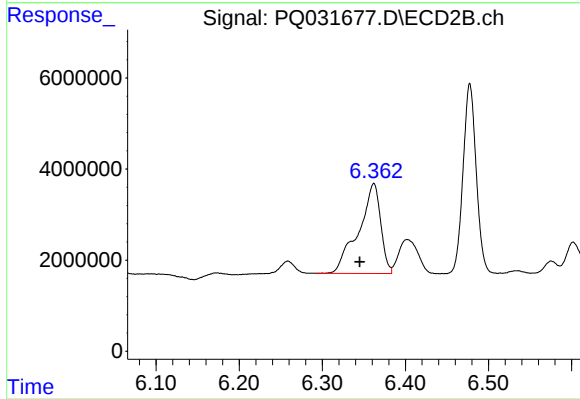
R.T.: 6.038 min
Delta R.T.: 0.029 min
Response: 2615914
Conc: 45.45 ng/ml



#25 AR-1248-5

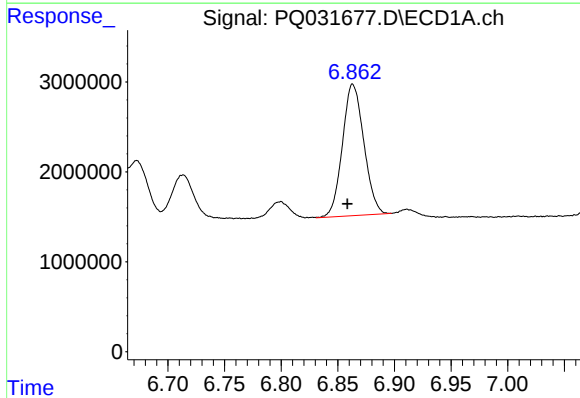
R.T.: 6.863 min
Delta R.T.: -0.042 min
Response: 19220500
Conc: 375.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



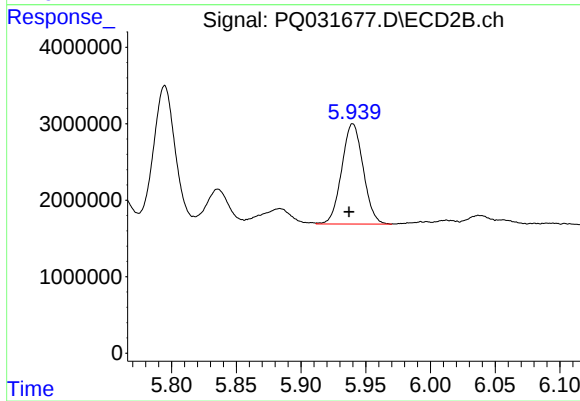
#25 AR-1248-5

R.T.: 6.362 min
Delta R.T.: 0.017 min
Response: 36573368
Conc: 791.90 ng/ml



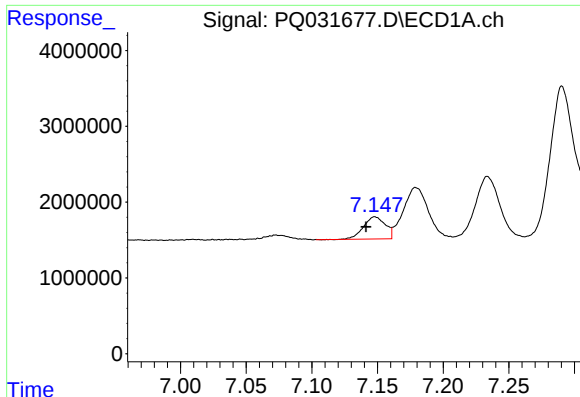
#26 AR-1254-1

R.T.: 6.863 min
Delta R.T.: 0.005 min
Response: 19220500
Conc: 132.51 ng/ml



#26 AR-1254-1

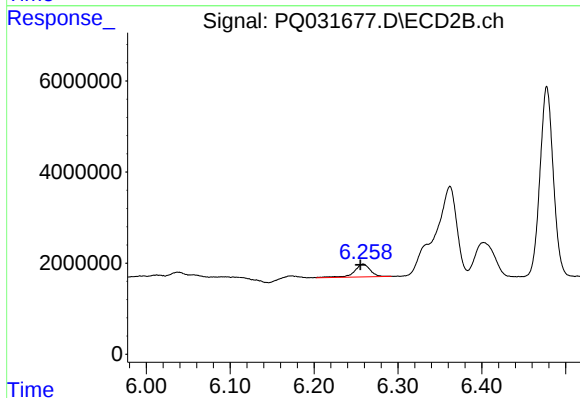
R.T.: 5.940 min
Delta R.T.: 0.003 min
Response: 15112629
Conc: 151.39 ng/ml



#27 AR-1254-2

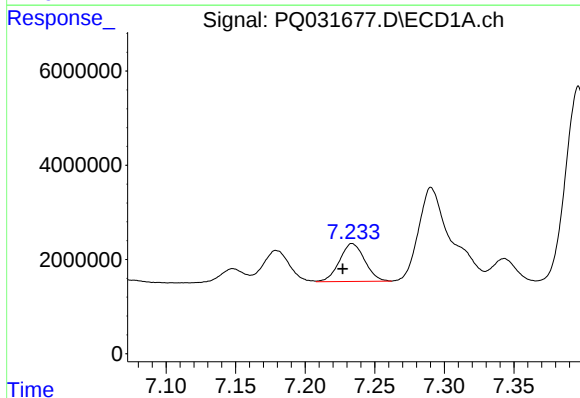
R.T.: 7.148 min
Delta R.T.: 0.007 min
Response: 3393253
Conc: 37.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



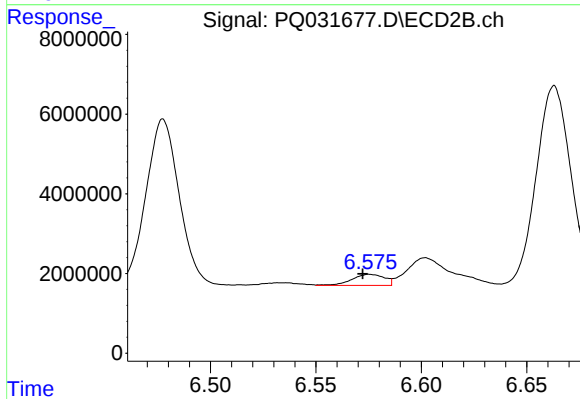
#27 AR-1254-2

R.T.: 6.259 min
Delta R.T.: 0.003 min
Response: 3747729
Conc: 42.74 ng/ml



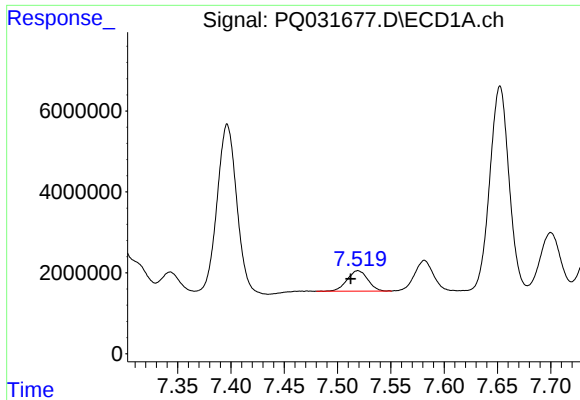
#28 AR-1254-3

R.T.: 7.234 min
Delta R.T.: 0.007 min
Response: 10105976
Conc: 61.66 ng/ml



#28 AR-1254-3

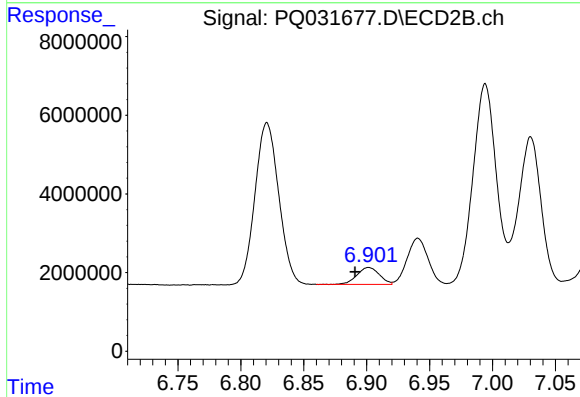
R.T.: 6.576 min
Delta R.T.: 0.003 min
Response: 2991491
Conc: 25.89 ng/ml



#29 AR-1254-4

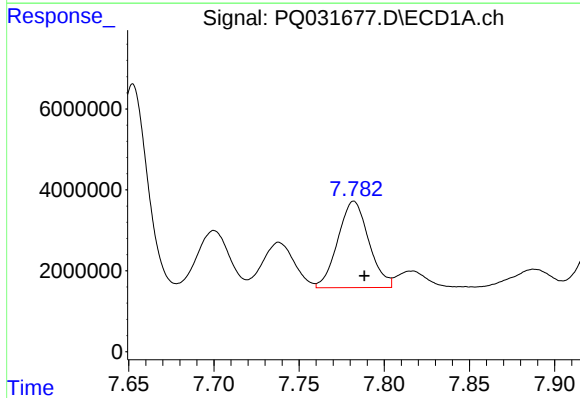
R.T.: 7.519 min
Delta R.T.: 0.007 min
Response: 6839237
Conc: 55.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



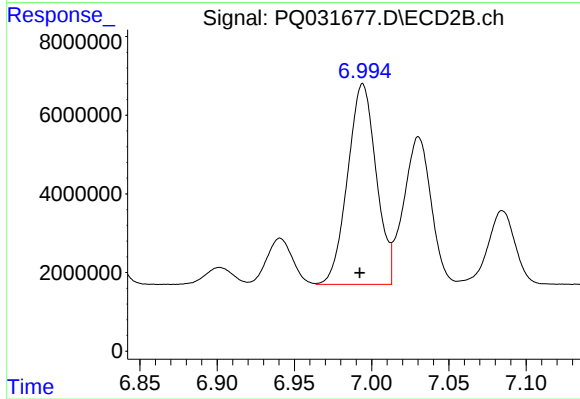
#29 AR-1254-4

R.T.: 6.902 min
Delta R.T.: 0.011 min
Response: 5316696
Conc: 64.03 ng/ml



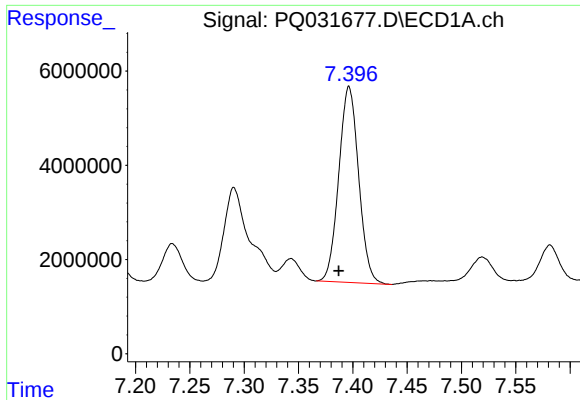
#30 AR-1254-5

R.T.: 7.782 min
Delta R.T.: -0.006 min
Response: 26965718
Conc: 284.17 ng/ml



#30 AR-1254-5

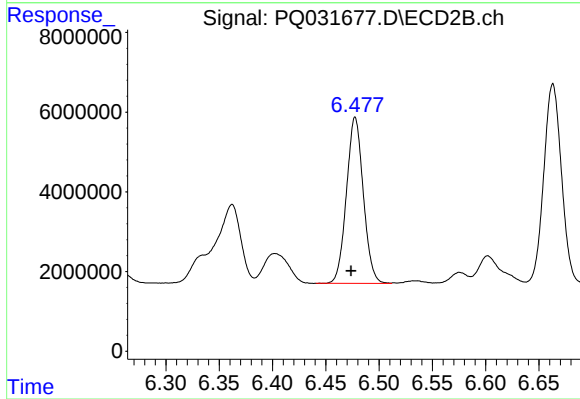
R.T.: 6.994 min
Delta R.T.: 0.002 min
Response: 65617348
Conc: 394.66 ng/ml



#31 AR-1260-1

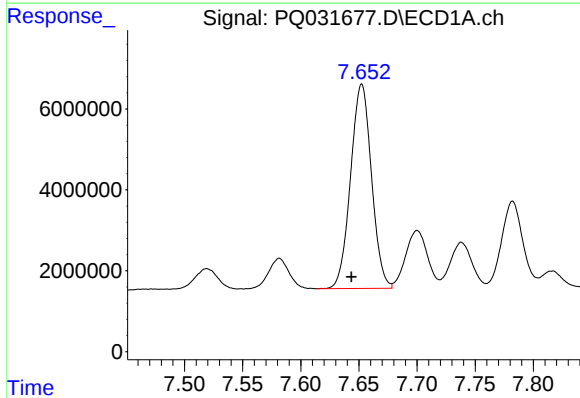
R.T.: 7.397 min
Delta R.T.: 0.009 min
Response: 52934684
Conc: 481.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



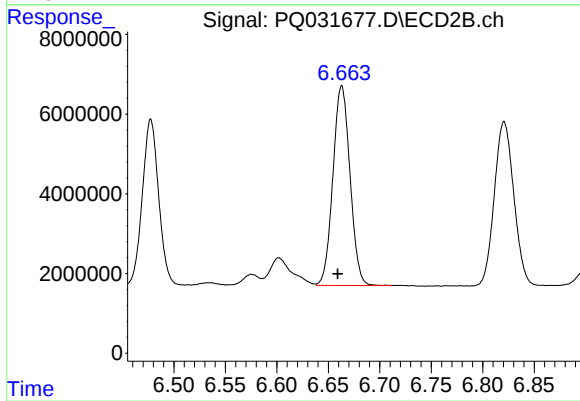
#31 AR-1260-1

R.T.: 6.478 min
Delta R.T.: 0.004 min
Response: 45959670
Conc: 455.04 ng/ml



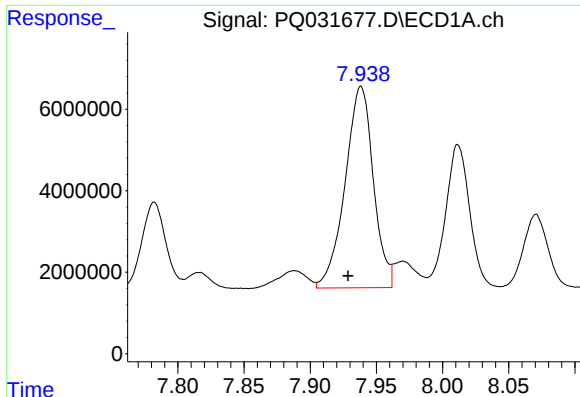
#32 AR-1260-2

R.T.: 7.652 min
Delta R.T.: 0.009 min
Response: 63315468
Conc: 477.89 ng/ml



#32 AR-1260-2

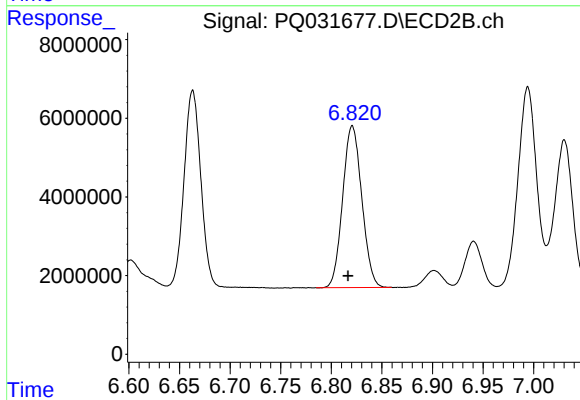
R.T.: 6.663 min
Delta R.T.: 0.004 min
Response: 57928507
Conc: 448.39 ng/ml



#33 AR-1260-3

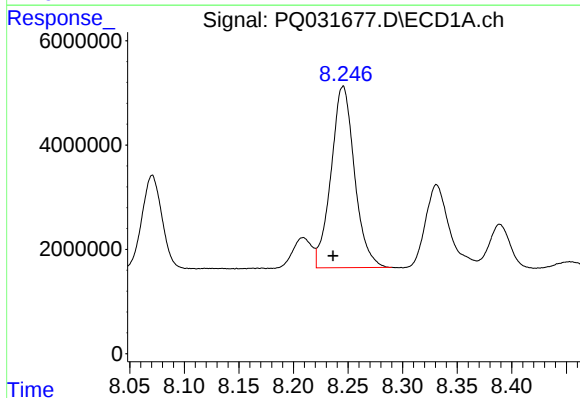
R.T.: 7.938 min
Delta R.T.: 0.010 min
Response: 73427694
Conc: 465.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



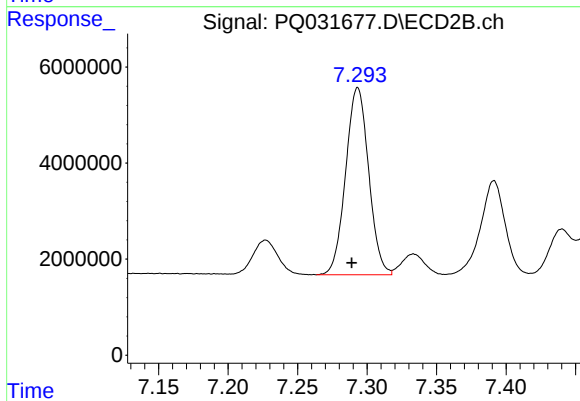
#33 AR-1260-3

R.T.: 6.821 min
Delta R.T.: 0.004 min
Response: 54024505
Conc: 449.27 ng/ml



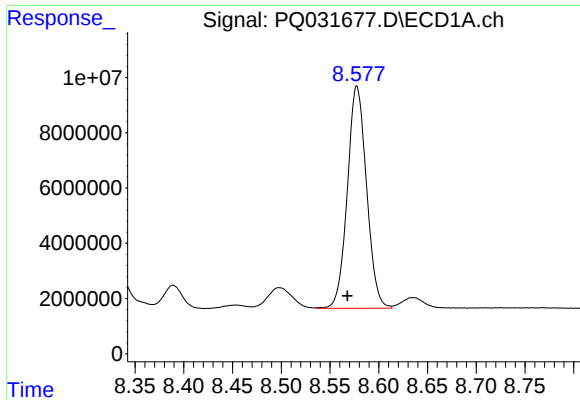
#34 AR-1260-4

R.T.: 8.245 min
Delta R.T.: 0.009 min
Response: 52026377
Conc: 444.90 ng/ml



#34 AR-1260-4

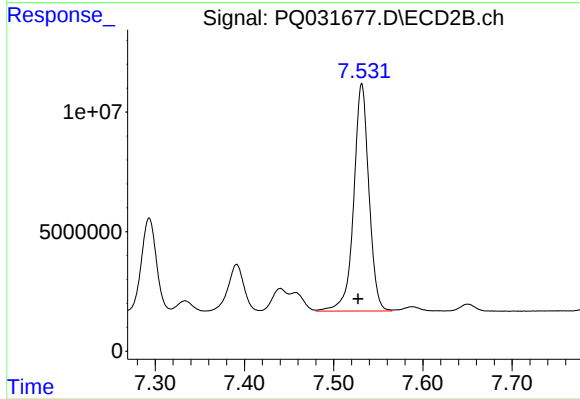
R.T.: 7.293 min
Delta R.T.: 0.004 min
Response: 44882609
Conc: 434.04 ng/ml



#35 AR-1260-5

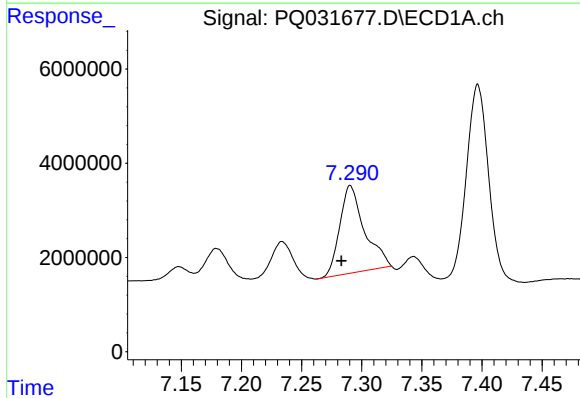
R.T.: 8.578 min
Delta R.T.: 0.010 min
Response: 110326858
Conc: 464.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



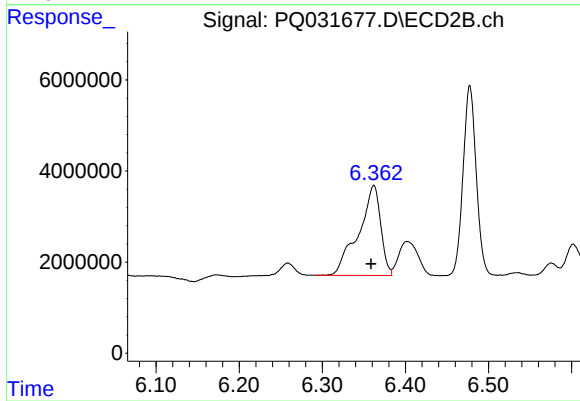
#35 AR-1260-5

R.T.: 7.532 min
Delta R.T.: 0.004 min
Response: 112609766
Conc: 442.24 ng/ml



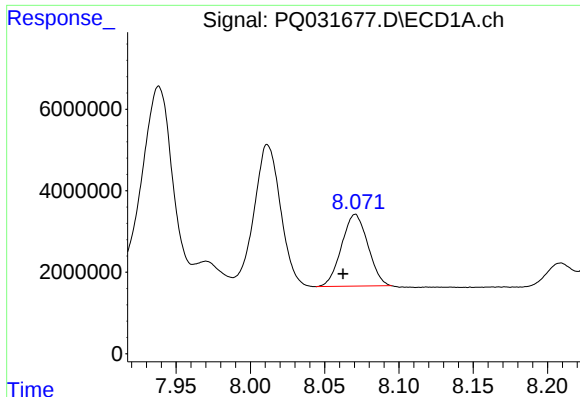
#36 AR-1262-1

R.T.: 7.291 min
Delta R.T.: 0.007 min
Response: 26674049
Conc: 463.10 ng/ml



#36 AR-1262-1

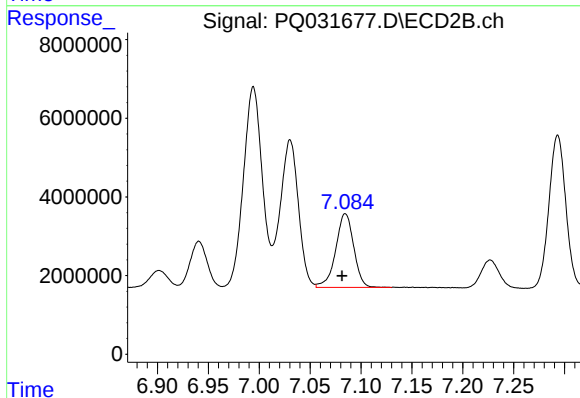
R.T.: 6.362 min
Delta R.T.: 0.003 min
Response: 36573368
Conc: 728.83 ng/ml



#37 AR-1262-2

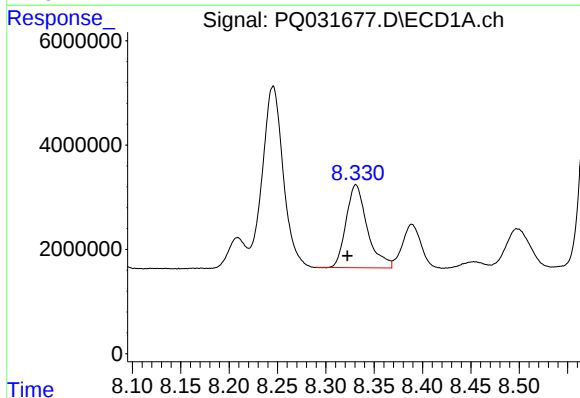
R.T.: 8.071 min
Delta R.T.: 0.008 min
Response: 21732177
Conc: 406.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



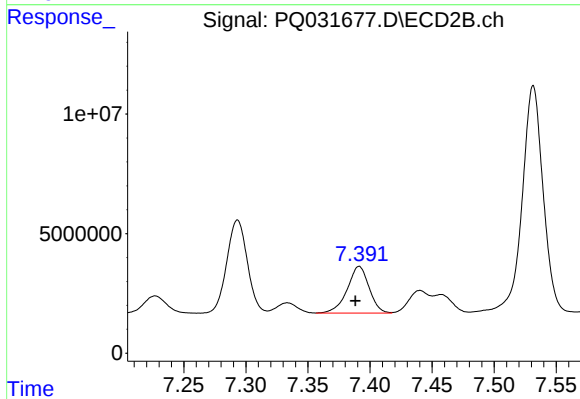
#37 AR-1262-2

R.T.: 7.085 min
Delta R.T.: 0.003 min
Response: 23177451
Conc: 425.87 ng/ml



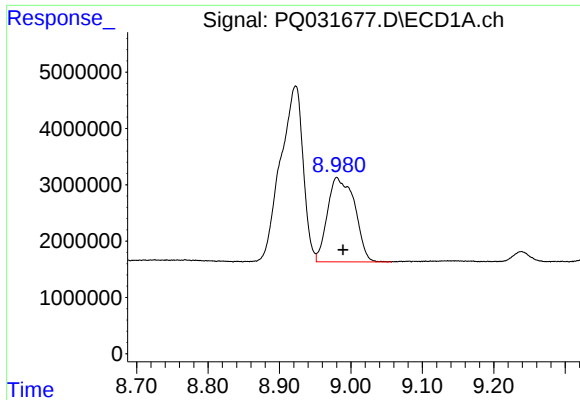
#38 AR-1262-3

R.T.: 8.331 min
Delta R.T.: 0.009 min
Response: 24204990
Conc: 395.69 ng/ml



#38 AR-1262-3

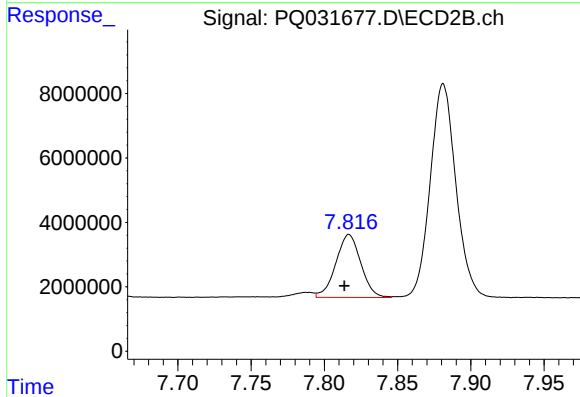
R.T.: 7.391 min
Delta R.T.: 0.003 min
Response: 23979384
Conc: 386.67 ng/ml



#39 AR-1262-4

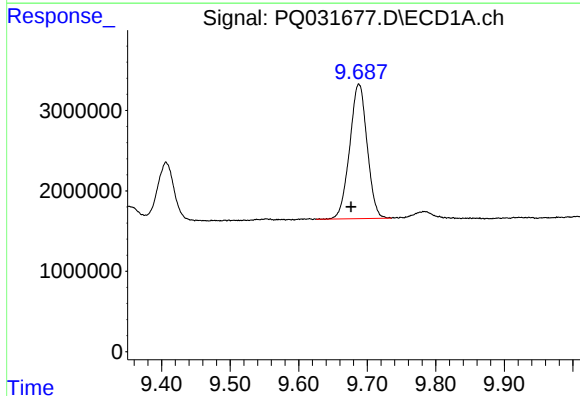
R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 39581097
Conc: 309.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



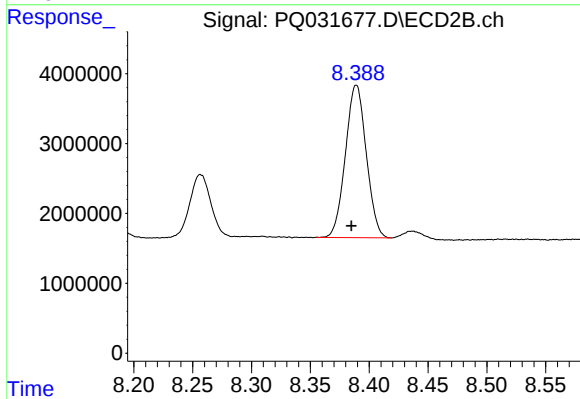
#39 AR-1262-4

R.T.: 7.817 min
Delta R.T.: 0.003 min
Response: 23222606
Conc: 221.73 ng/ml



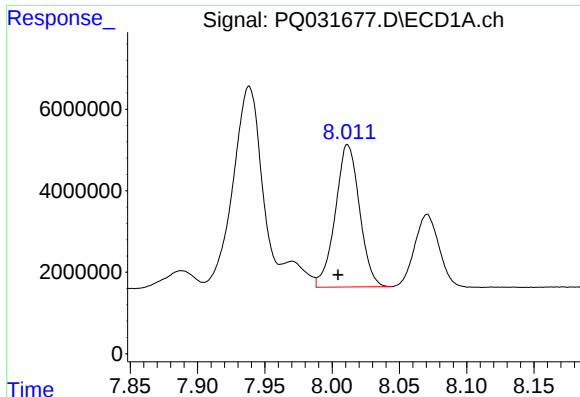
#40 AR-1262-5

R.T.: 9.688 min
Delta R.T.: 0.012 min
Response: 29556440
Conc: 306.57 ng/ml



#40 AR-1262-5

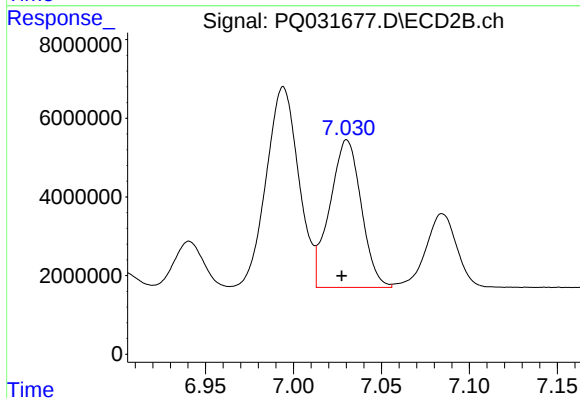
R.T.: 8.389 min
Delta R.T.: 0.004 min
Response: 26930896
Conc: 284.64 ng/ml



#41 AR-1268-1

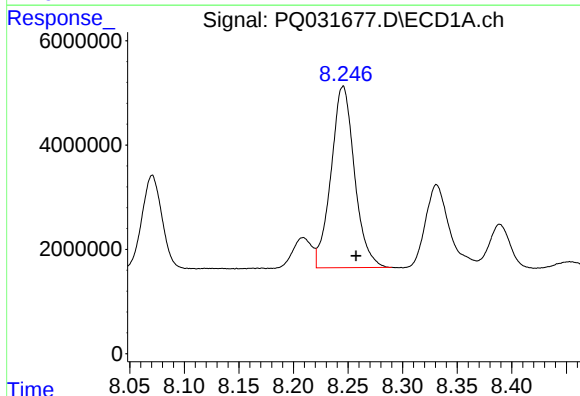
R.T.: 8.012 min
Delta R.T.: 0.007 min
Response: 43756678
Conc: 824.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



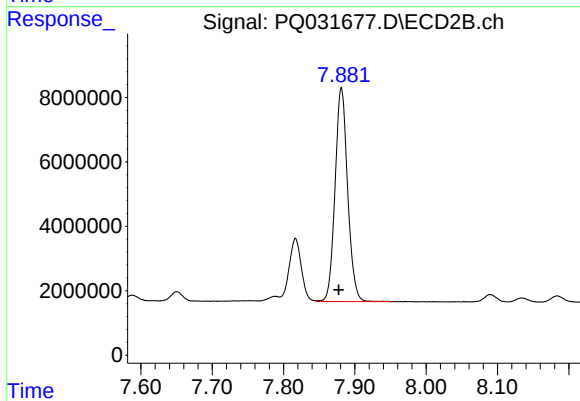
#41 AR-1268-1

R.T.: 7.030 min
Delta R.T.: 0.003 min
Response: 46753408
Conc: 868.27 ng/ml



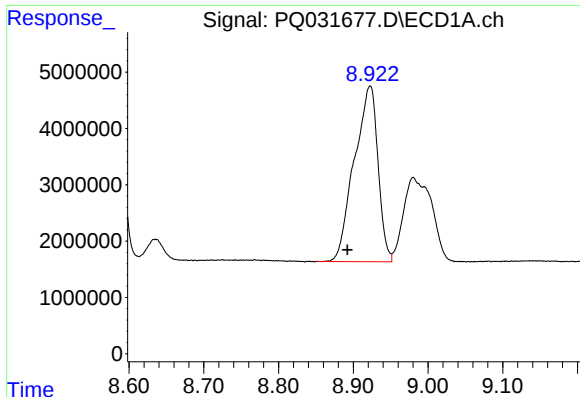
#42 AR-1268-2

R.T.: 8.245 min
Delta R.T.: -0.012 min
Response: 52026377
Conc: 745.42 ng/ml



#42 AR-1268-2

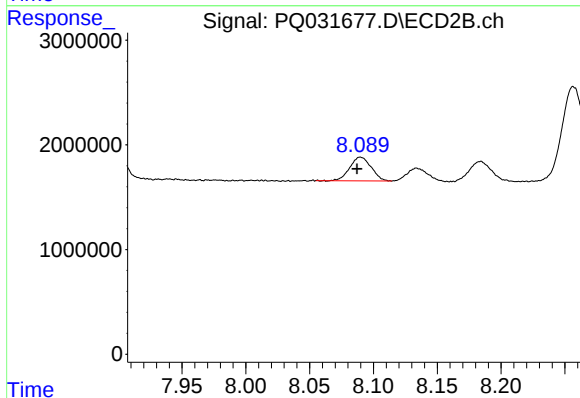
R.T.: 7.881 min
Delta R.T.: 0.004 min
Response: 81227546
Conc: 268.71 ng/ml



#43 AR-1268-3

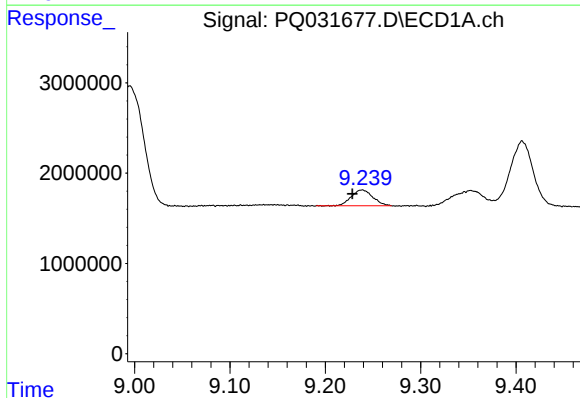
R.T.: 8.923 min
Delta R.T.: 0.031 min
Response: 68582625
Conc: 210.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



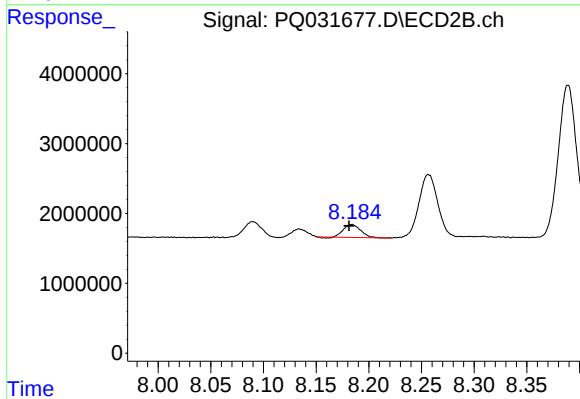
#43 AR-1268-3

R.T.: 8.090 min
Delta R.T.: 0.003 min
Response: 2652821
Conc: 10.60 ng/ml



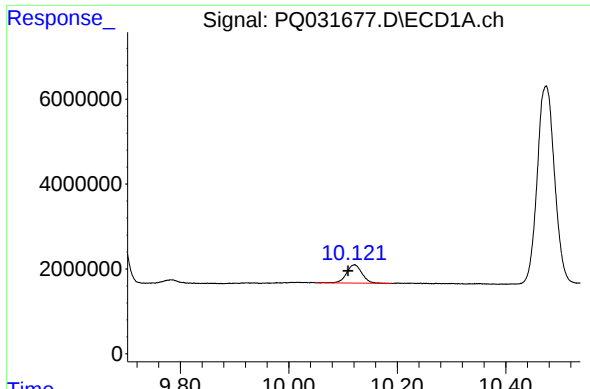
#44 AR-1268-4

R.T.: 9.239 min
Delta R.T.: 0.010 min
Response: 2781140
Conc: 11.12 ng/ml



#44 AR-1268-4

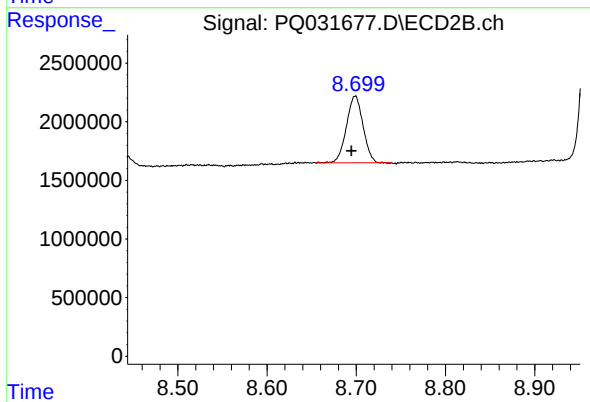
R.T.: 8.184 min
Delta R.T.: 0.003 min
Response: 2087566
Conc: 31.03 ng/ml



#45 AR-1268-5

R.T.: 10.121 min
Delta R.T.: 0.012 min
Response: 8511600
Conc: 9.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.699 min
Delta R.T.: 0.004 min
Response: 7323647
Conc: 8.70 ng/ml