

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ083118\
 Data File : PQ031521.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2018 10:50
 Operator : SM\SJ
 Sample : J4665-02MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 E0AA0MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 05:17:25 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082718CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 28 06:51:23 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.602	3.880	35271311	28332731	16.897	16.910
2)	SA Decachlor...	10.462	8.966	49287299	46012071	18.060	19.820
Target Compounds							
3)	L1 AR-1016-1	5.315	4.564	22192685	20719924	408.029	471.084
4)	L1 AR-1016-2	5.512	4.981	22457010	27212441	408.028	417.494
5)	L1 AR-1016-3	5.781	5.001	31984923	38784832	407.067	417.724
6)	L1 AR-1016-4	5.866	5.058	27905110	25062242	393.391	401.133
7)	L1 AR-1016-5	6.260	5.436	24314122	20930445	381.204	382.249
8)	L2 AR-1221-1	4.807	4.096	2280527	1983805	113.365	104.200
9)	L2 AR-1221-2	4.900	4.184	3146657	2123340	217.456	209.008
10)	L2 AR-1221-3	4.977	4.262	14307844	11195119	246.840	268.810
11)	L3 AR-1232-1	5.803	4.760	47237575	18838394	1052.197	1036.600
12)	L3 AR-1232-2	5.965	4.874	23054489	5220963	1037.628	1057.117
13)	L3 AR-1232-3	6.137	5.261	7845182	24451513	1121.894	1449.468 #
14)	L3 AR-1232-4	6.471	5.586	10739362	17526572	1615.118	801.040 #
15)	L3 AR-1232-5	7.334	6.167	9107592	4874209	1877.003	1656.065
16)	L4 AR-1242-1	5.346	4.585	12803203	11556491	534.706	619.581
17)	L4 AR-1242-2	6.099	5.179	21630480	21070700	518.177	542.354
18)	L4 AR-1242-3	6.302	5.294	11198492	22759331	528.690	1821.396 #
19)	L4 AR-1242-4	6.346	5.659	8928818	3836021	571.536	348.616 #
20)	L4 AR-1242-5	6.402	6.032	25323705	10221328	468.466	356.821
21)	L5 AR-1248-1	6.053	5.218	20480935	18636081	269.913	298.803
22)	L5 AR-1248-2	6.638	5.790	24861635	19024404	309.046	159.469 #
23)	L5 AR-1248-3	6.664	5.830	4014529	4796339	37.690	58.878 #
24)	L5 AR-1248-4	6.704	6.032	4550254	10221328	44.951	142.445 #
25)	L5 AR-1248-5	6.903	6.356	2299384	33773535	33.191	583.290 #
26)	L6 AR-1254-1	6.854	5.934	20937468	22632906	112.292	186.010 #
27)	L6 AR-1254-2	7.139	6.252	7715888	3331212	66.048	32.169 #
28)	L6 AR-1254-3	7.225	6.570	14634511	2840012	69.970	21.431 #
29)	L6 AR-1254-4	7.510	6.897	16362419	4533930	107.097	48.397 #
30)	L6 AR-1254-5	7.774	6.990	24359457	56709495	209.064	298.451 #
31)	L7 AR-1260-1	7.388	6.472	50190425	40668566	339.823	311.706
32)	L7 AR-1260-2	7.643	6.657	54300655	48250487	302.610	302.442
33)	L7 AR-1260-3	7.929	6.815	62442253	46754031	287.848	310.135
34)	L7 AR-1260-4	8.236	7.288	37830604	32294358	239.003	257.546
35)	L7 AR-1260-5	8.568	7.526	71589475	78219121	222.799	258.754
36)	L8 AR-1262-1	7.281	6.356	33967367	33773535	419.056	451.470
37)	L8 AR-1262-2	8.061	7.079	17004146	16705755	209.433	228.591
38)	L8 AR-1262-3	8.321	7.386	17975926	18082645	198.818	238.827
39)	L8 AR-1262-4	8.987	7.812	8529353	13592924	46.860	96.603 #
40)	L8 AR-1262-5	9.674	8.384	16724146	15465628	129.808	139.928
41)	L9 AR-1268-1	8.004	7.025	31976346	33903201	353.114	410.179

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ083118\
Data File : PQ031521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Aug 2018 10:50
Operator : SM\SJ
Sample : J4665-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

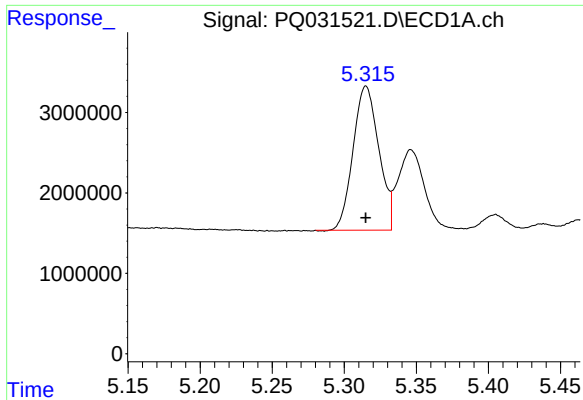
Instrument :
ECD_Q
ClientSampleId :
E0AA0MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 31 05:17:25 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082718CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 28 06:51:23 2018
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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	7.876	37830604	53027793	319.156	123.664 #
43)	L9 AR-1268-3	8.913	8.087	44955726	1242803	87.723	3.460 #
44)	L9 AR-1268-4	9.229	8.128	1440689	1117377	3.653	11.668 #
45)	L9 AR-1268-5	10.109	8.692	5588965	4374756	4.681	4.067

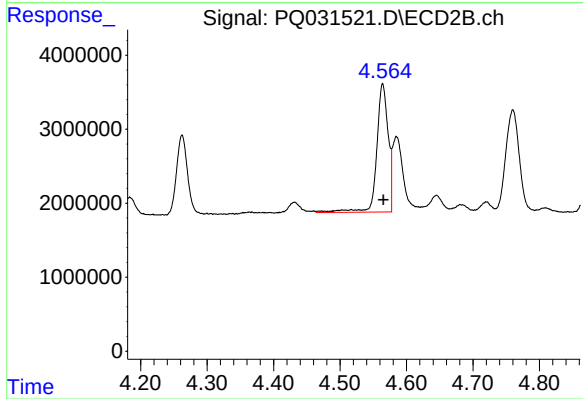
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

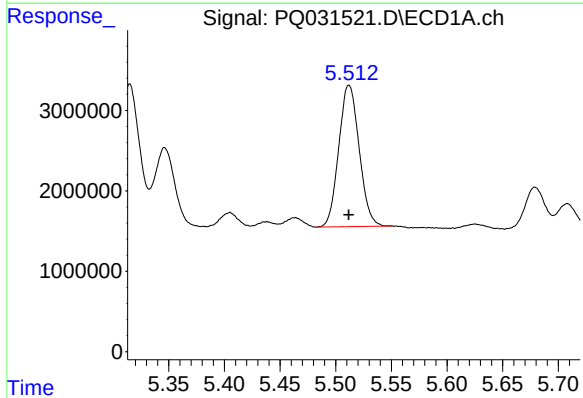
R.T.: 5.315 min
Delta R.T.: 0.000 min
Response: 22192685
Conc: 408.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



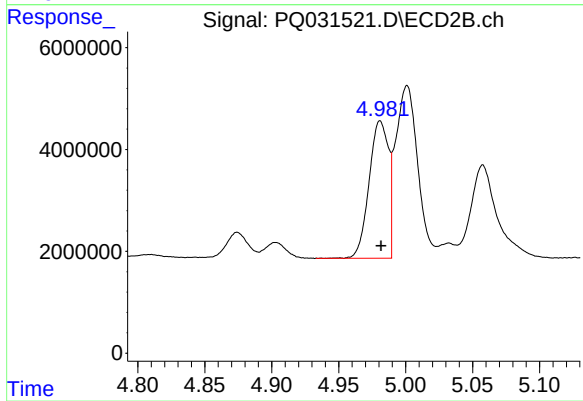
#3 AR-1016-1

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 20719924
Conc: 471.08 ng/ml



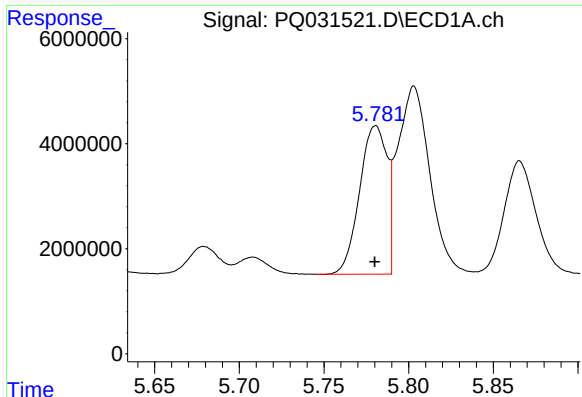
#4 AR-1016-2

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 22457010
Conc: 408.03 ng/ml



#4 AR-1016-2

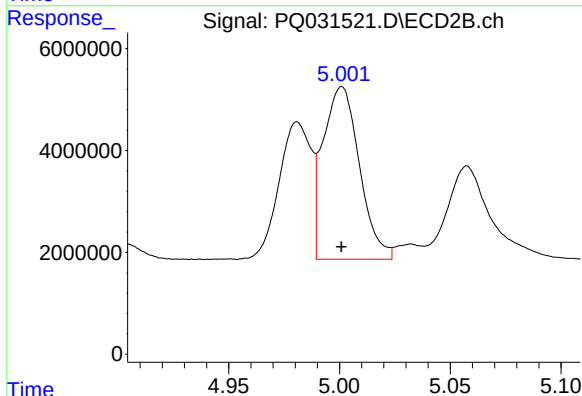
R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 27212441
Conc: 417.49 ng/ml



#5 AR-1016-3

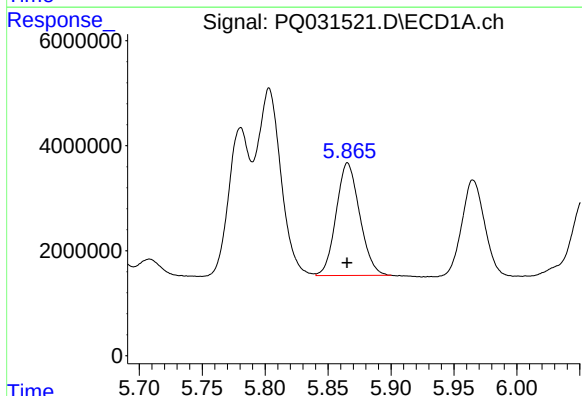
R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 31984923
Conc: 407.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



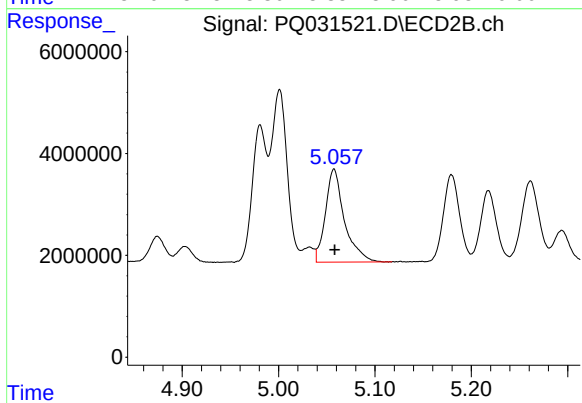
#5 AR-1016-3

R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 38784832
Conc: 417.72 ng/ml



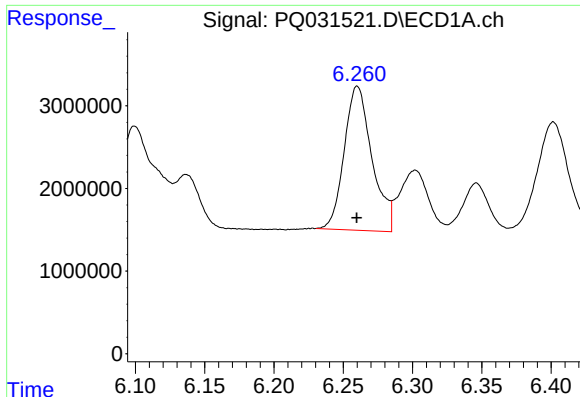
#6 AR-1016-4

R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 27905110
Conc: 393.39 ng/ml



#6 AR-1016-4

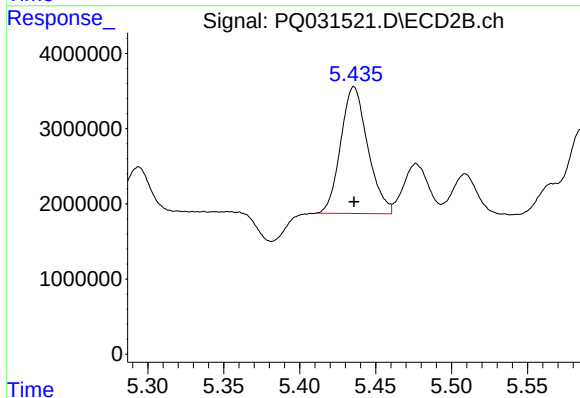
R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 25062242
Conc: 401.13 ng/ml



#7 AR-1016-5

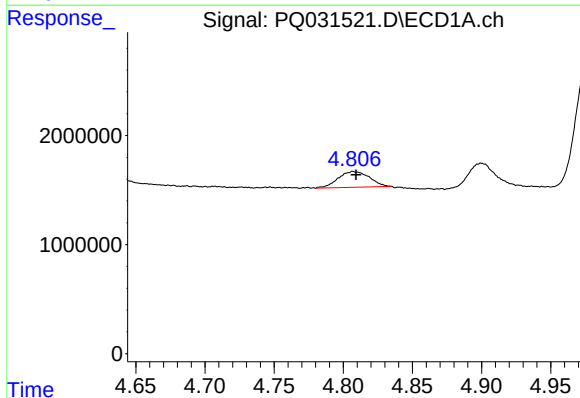
R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 24314122
Conc: 381.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



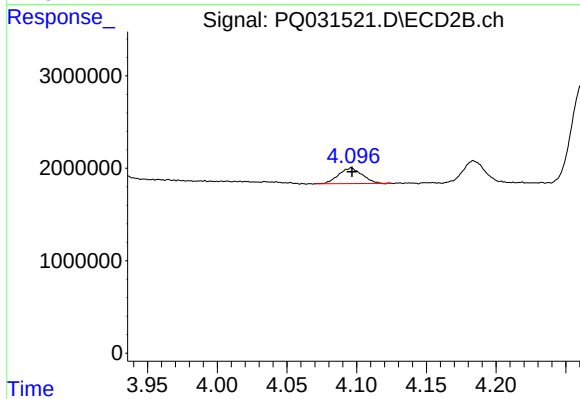
#7 AR-1016-5

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 20930445
Conc: 382.25 ng/ml



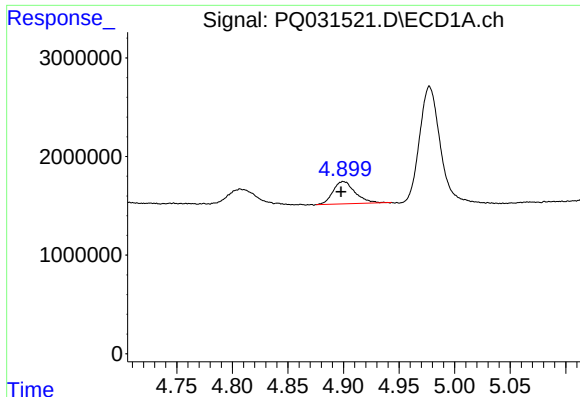
#8 AR-1221-1

R.T.: 4.807 min
Delta R.T.: -0.002 min
Response: 2280527
Conc: 113.37 ng/ml



#8 AR-1221-1

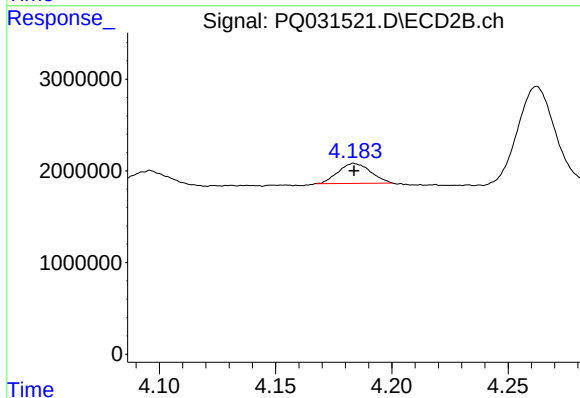
R.T.: 4.096 min
Delta R.T.: 0.000 min
Response: 1983805
Conc: 104.20 ng/ml



#9 AR-1221-2

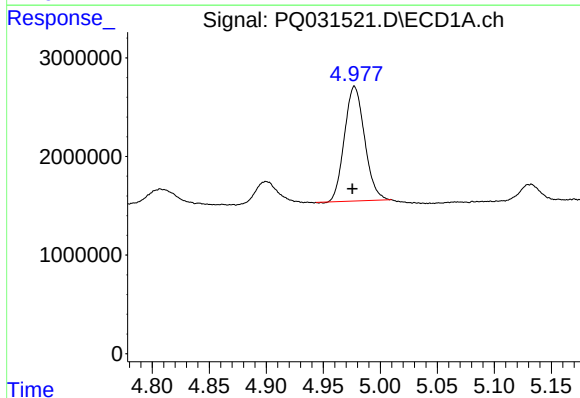
R.T.: 4.900 min
Delta R.T.: 0.002 min
Response: 3146657
Conc: 217.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



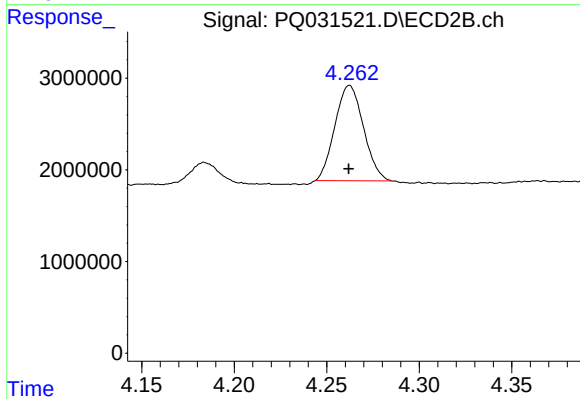
#9 AR-1221-2

R.T.: 4.184 min
Delta R.T.: 0.000 min
Response: 2123340
Conc: 209.01 ng/ml



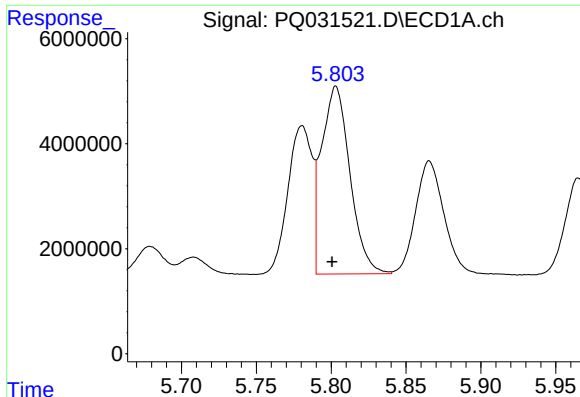
#10 AR-1221-3

R.T.: 4.977 min
Delta R.T.: 0.002 min
Response: 14307844
Conc: 246.84 ng/ml



#10 AR-1221-3

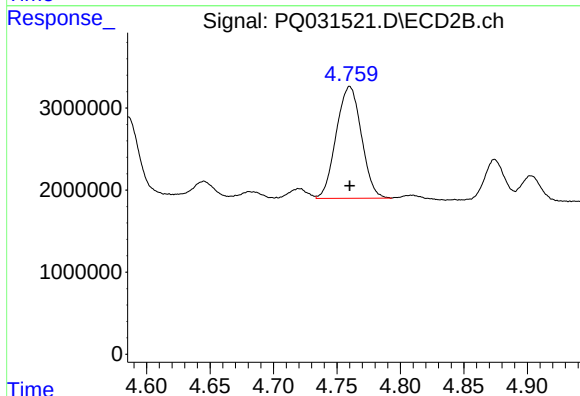
R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 11195119
Conc: 268.81 ng/ml



#11 AR-1232-1

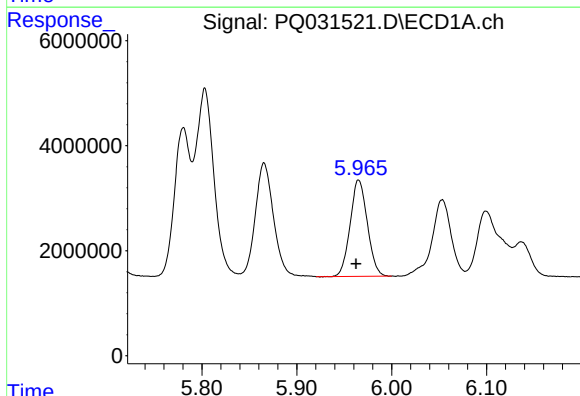
R.T.: 5.803 min
Delta R.T.: 0.003 min
Response: 47237575
Conc: 1052.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



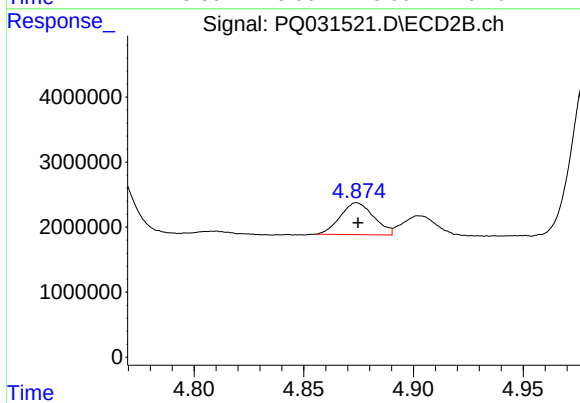
#11 AR-1232-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 18838394
Conc: 1036.60 ng/ml



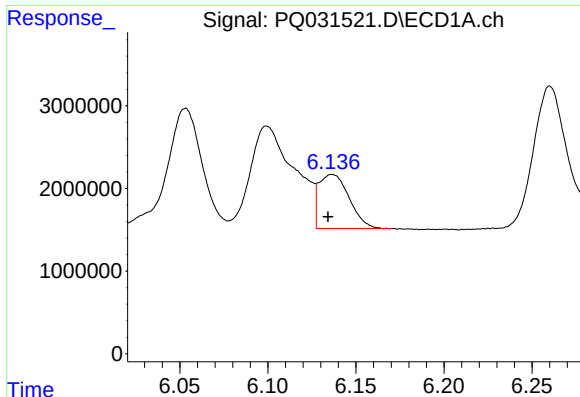
#12 AR-1232-2

R.T.: 5.965 min
Delta R.T.: 0.003 min
Response: 23054489
Conc: 1037.63 ng/ml



#12 AR-1232-2

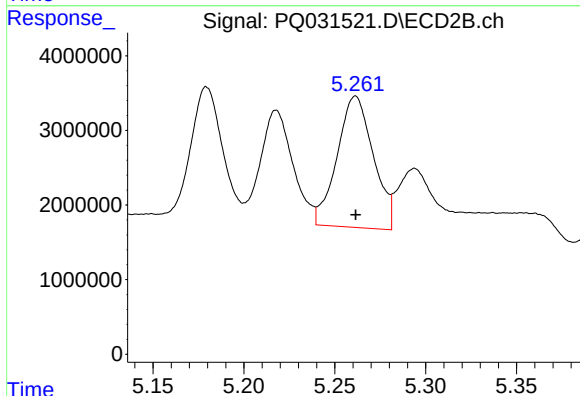
R.T.: 4.874 min
Delta R.T.: 0.000 min
Response: 5220963
Conc: 1057.12 ng/ml



#13 AR-1232-3

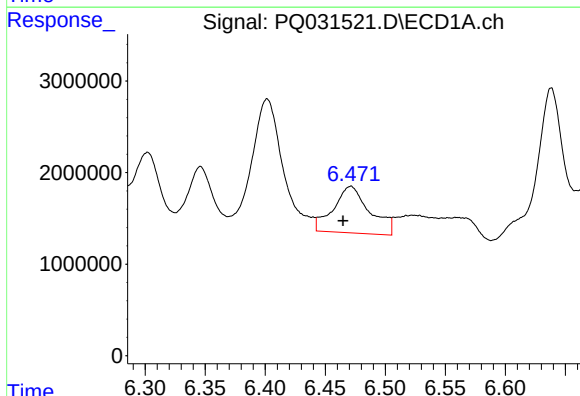
R.T.: 6.137 min
Delta R.T.: 0.002 min
Response: 7845182
Conc: 1121.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



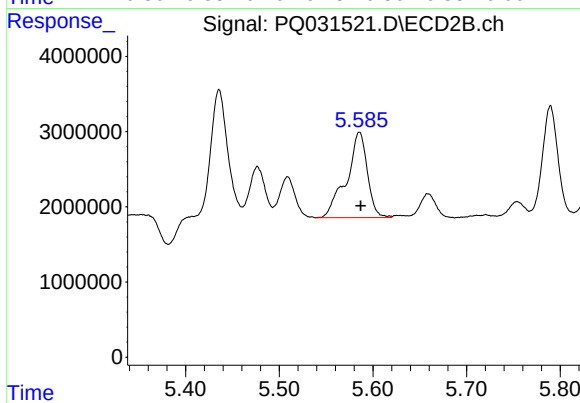
#13 AR-1232-3

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 24451513
Conc: 1449.47 ng/ml



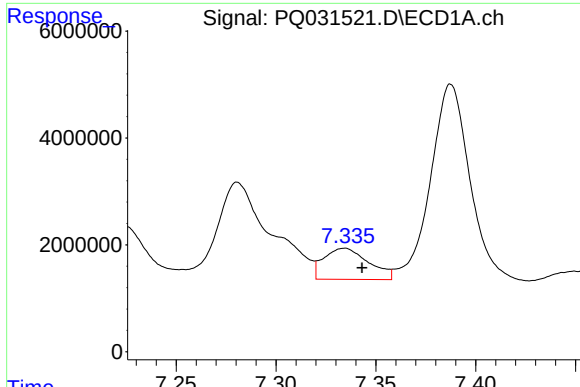
#14 AR-1232-4

R.T.: 6.471 min
Delta R.T.: 0.007 min
Response: 10739362
Conc: 1615.12 ng/ml



#14 AR-1232-4

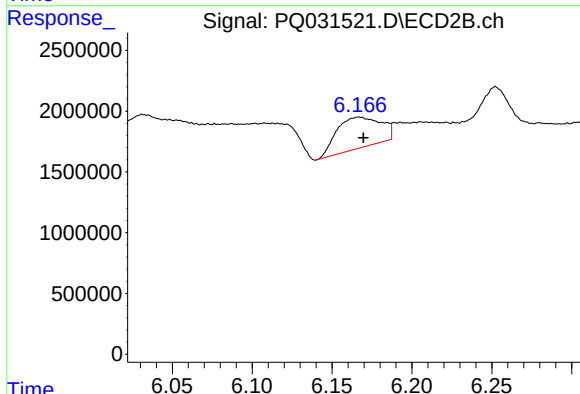
R.T.: 5.586 min
Delta R.T.: -0.001 min
Response: 17526572
Conc: 801.04 ng/ml



#15 AR-1232-5

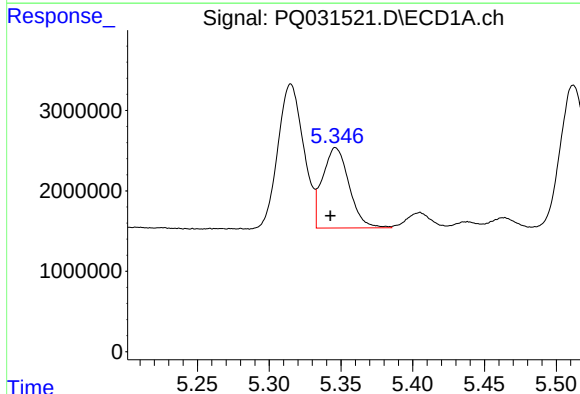
R.T.: 7.334 min
Delta R.T.: -0.009 min
Response: 9107592
Conc: 1877.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



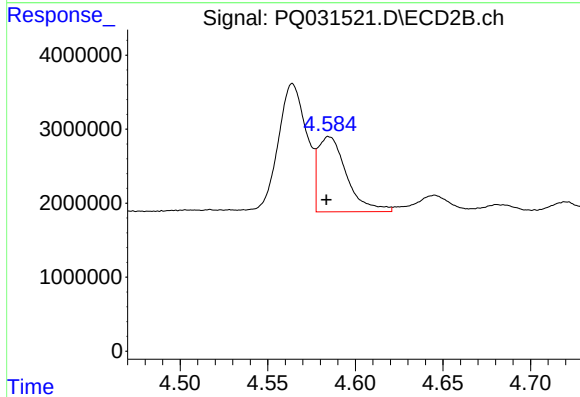
#15 AR-1232-5

R.T.: 6.167 min
Delta R.T.: -0.003 min
Response: 4874209
Conc: 1656.07 ng/ml



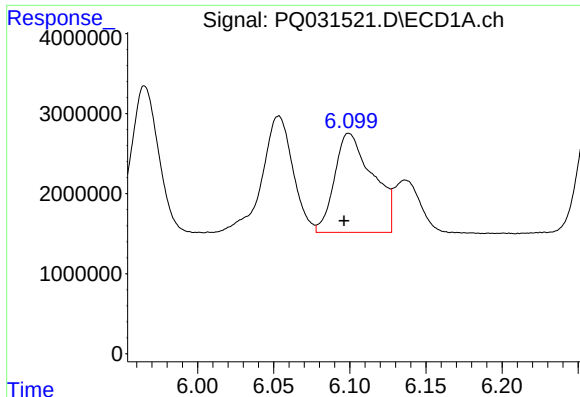
#16 AR-1242-1

R.T.: 5.346 min
Delta R.T.: 0.004 min
Response: 12803203
Conc: 534.71 ng/ml



#16 AR-1242-1

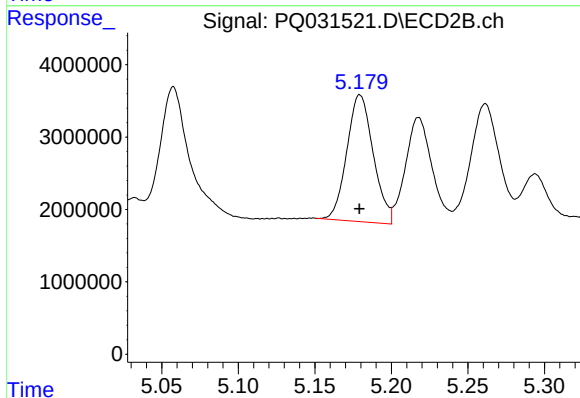
R.T.: 4.585 min
Delta R.T.: 0.002 min
Response: 11556491
Conc: 619.58 ng/ml



#17 AR-1242-2

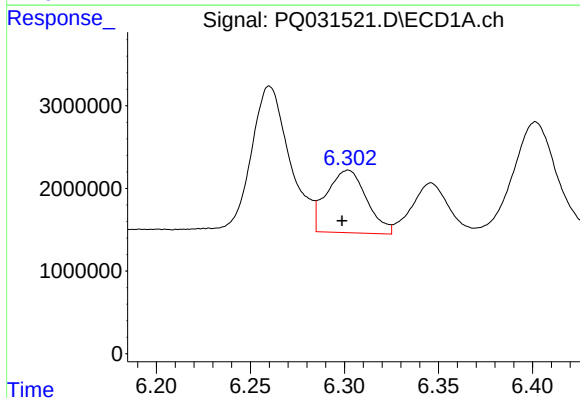
R.T.: 6.099 min
Delta R.T.: 0.003 min
Response: 21630480
Conc: 518.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



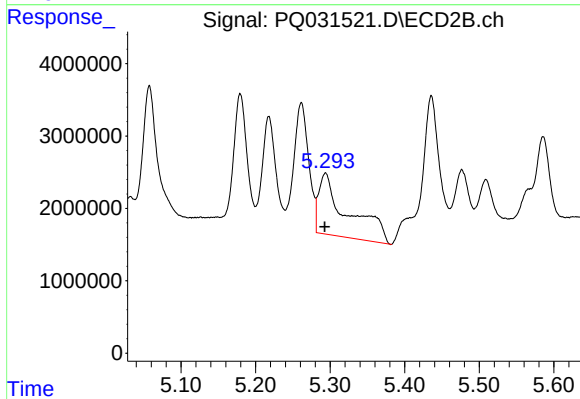
#17 AR-1242-2

R.T.: 5.179 min
Delta R.T.: 0.000 min
Response: 21070700
Conc: 542.35 ng/ml



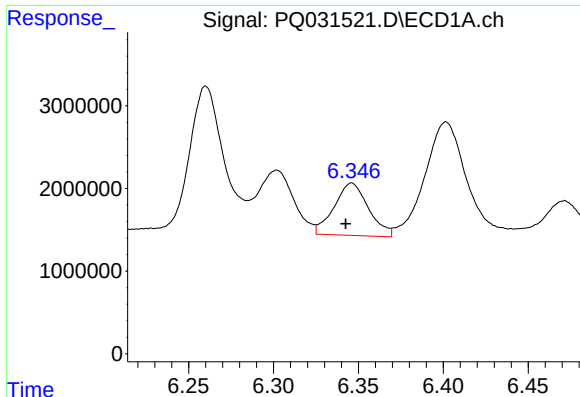
#18 AR-1242-3

R.T.: 6.302 min
Delta R.T.: 0.003 min
Response: 11198492
Conc: 528.69 ng/ml



#18 AR-1242-3

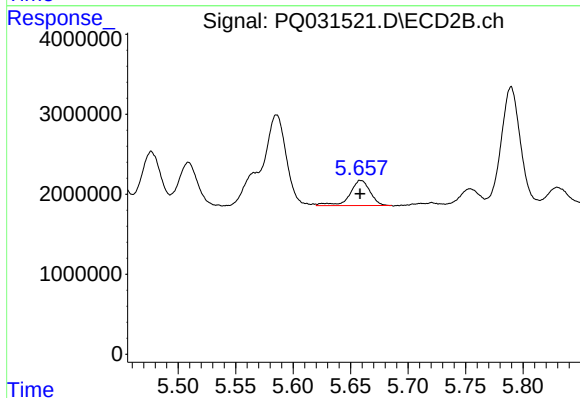
R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 22759331
Conc: 1821.40 ng/ml



#19 AR-1242-4

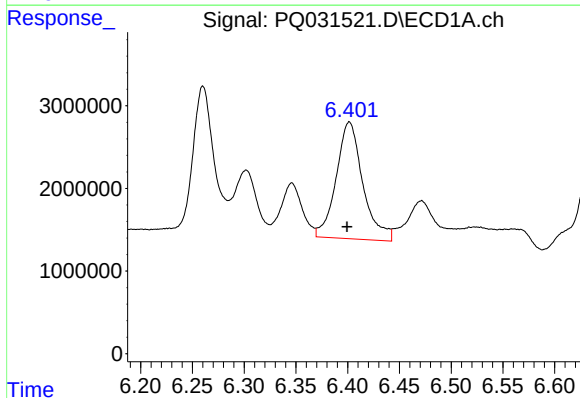
R.T.: 6.346 min
Delta R.T.: 0.003 min
Response: 8928818
Conc: 571.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



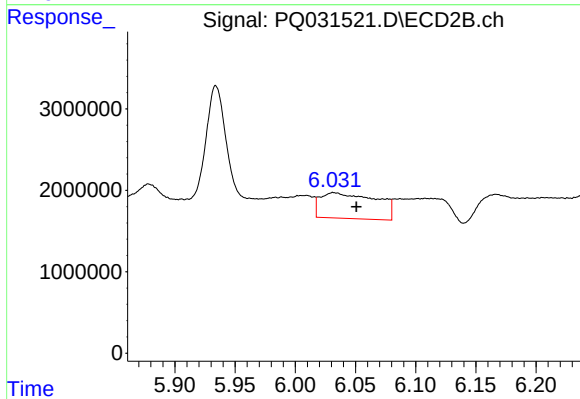
#19 AR-1242-4

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 3836021
Conc: 348.62 ng/ml



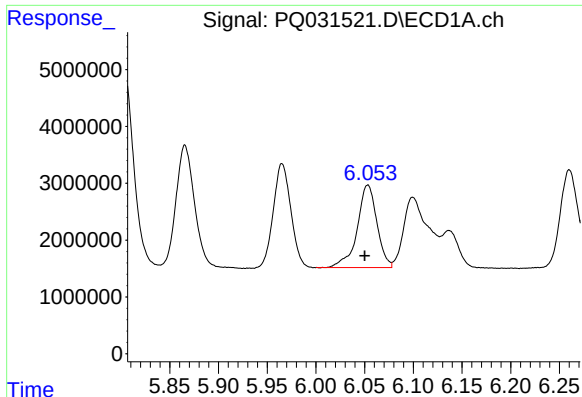
#20 AR-1242-5

R.T.: 6.402 min
Delta R.T.: 0.002 min
Response: 25323705
Conc: 468.47 ng/ml



#20 AR-1242-5

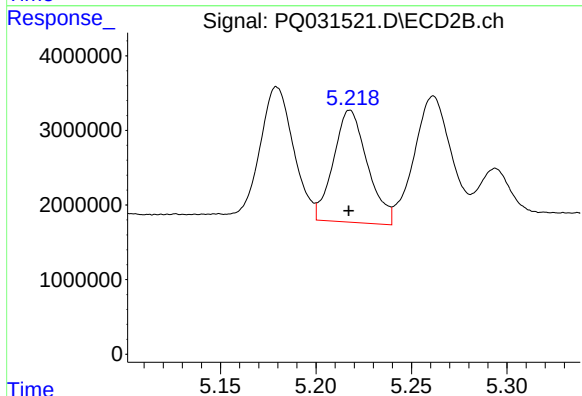
R.T.: 6.032 min
Delta R.T.: -0.019 min
Response: 10221328
Conc: 356.82 ng/ml



#21 AR-1248-1

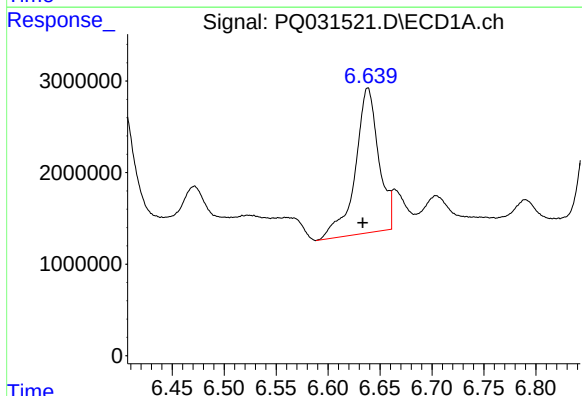
R.T.: 6.053 min
Delta R.T.: 0.003 min
Response: 20480935
Conc: 269.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



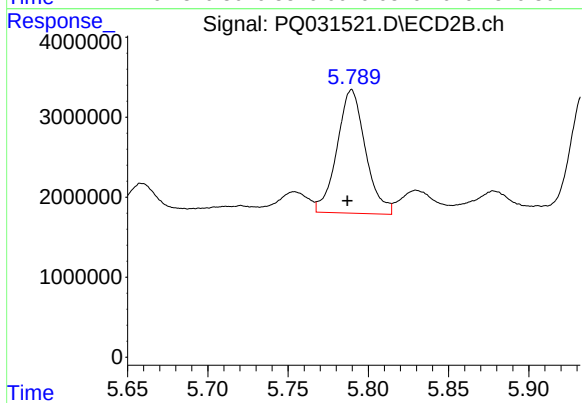
#21 AR-1248-1

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 18636081
Conc: 298.80 ng/ml



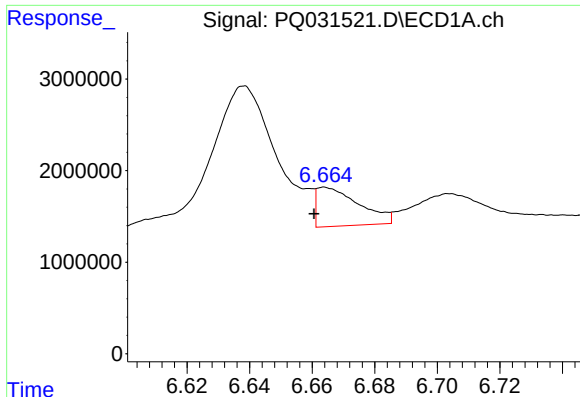
#22 AR-1248-2

R.T.: 6.638 min
Delta R.T.: 0.005 min
Response: 24861635
Conc: 309.05 ng/ml



#22 AR-1248-2

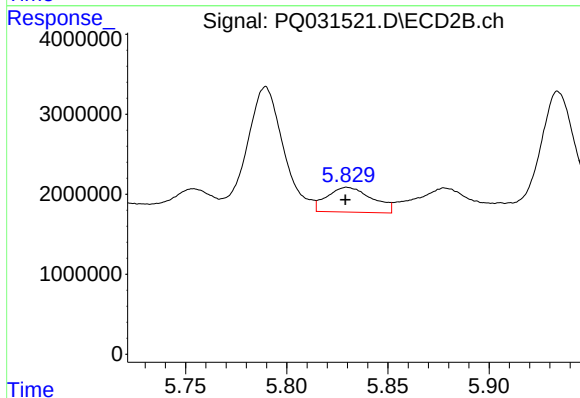
R.T.: 5.790 min
Delta R.T.: 0.003 min
Response: 19024404
Conc: 159.47 ng/ml



#23 AR-1248-3

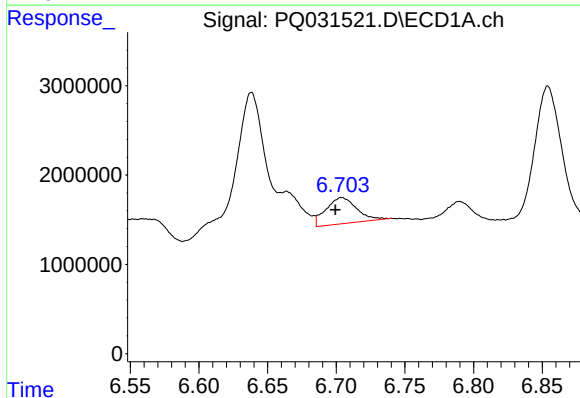
R.T.: 6.664 min
Delta R.T.: 0.003 min
Response: 4014529
Conc: 37.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



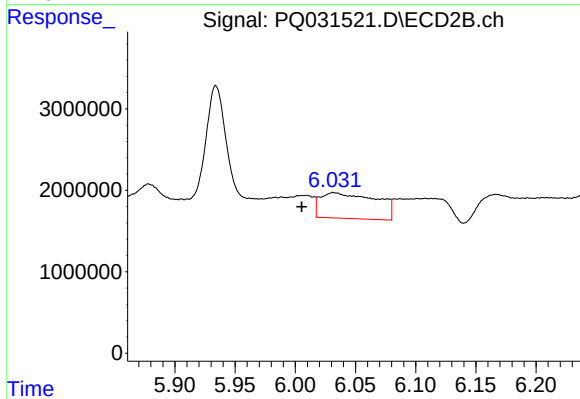
#23 AR-1248-3

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 4796339
Conc: 58.88 ng/ml



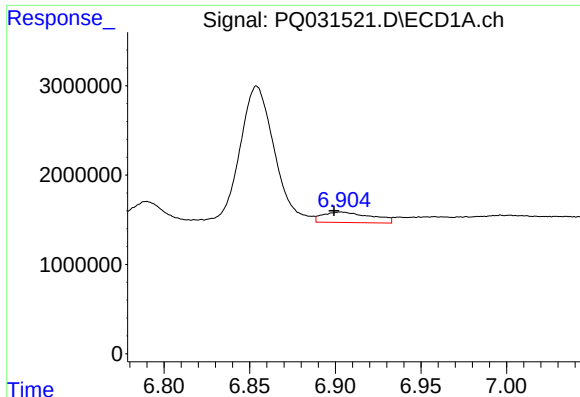
#24 AR-1248-4

R.T.: 6.704 min
Delta R.T.: 0.005 min
Response: 4550254
Conc: 44.95 ng/ml



#24 AR-1248-4

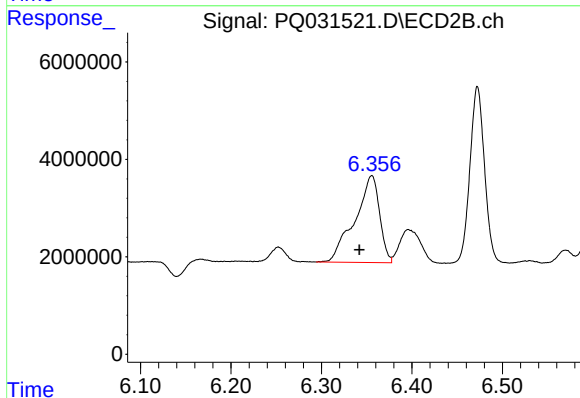
R.T.: 6.032 min
Delta R.T.: 0.026 min
Response: 10221328
Conc: 142.45 ng/ml



#25 AR-1248-5

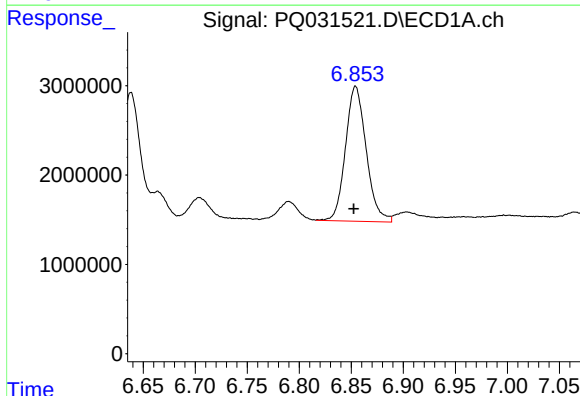
R.T.: 6.903 min
Delta R.T.: 0.004 min
Response: 2299384
Conc: 33.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



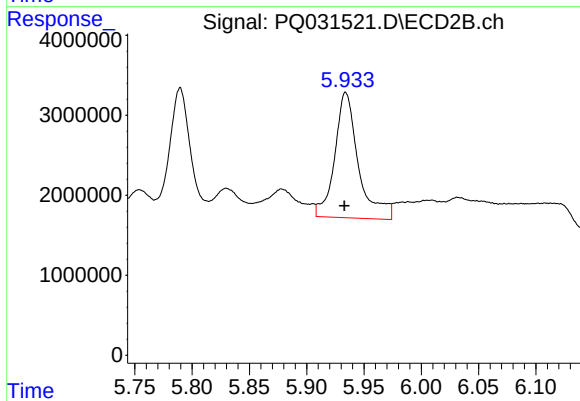
#25 AR-1248-5

R.T.: 6.356 min
Delta R.T.: 0.014 min
Response: 33773535
Conc: 583.29 ng/ml



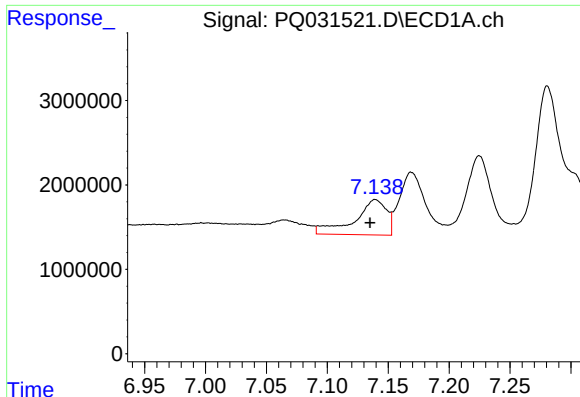
#26 AR-1254-1

R.T.: 6.854 min
Delta R.T.: 0.002 min
Response: 20937468
Conc: 112.29 ng/ml



#26 AR-1254-1

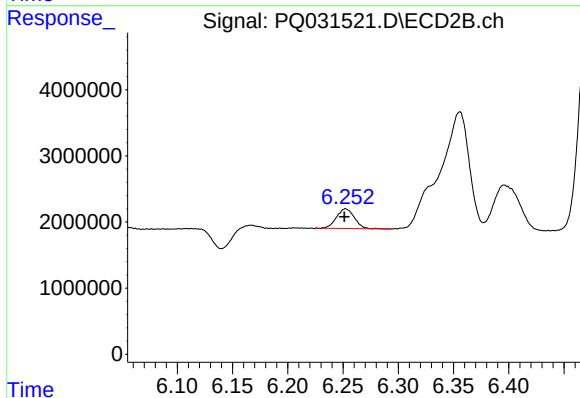
R.T.: 5.934 min
Delta R.T.: 0.001 min
Response: 22632906
Conc: 186.01 ng/ml



#27 AR-1254-2

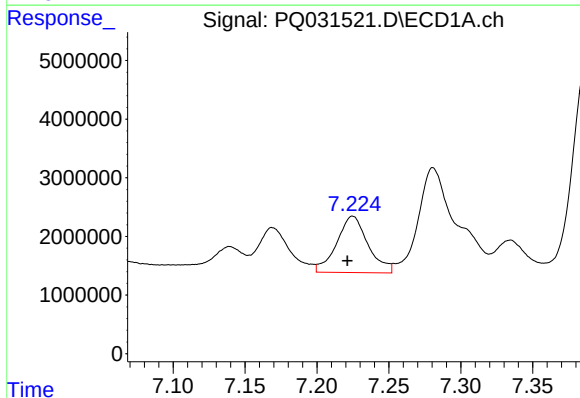
R.T.: 7.139 min
Delta R.T.: 0.004 min
Response: 7715888
Conc: 66.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



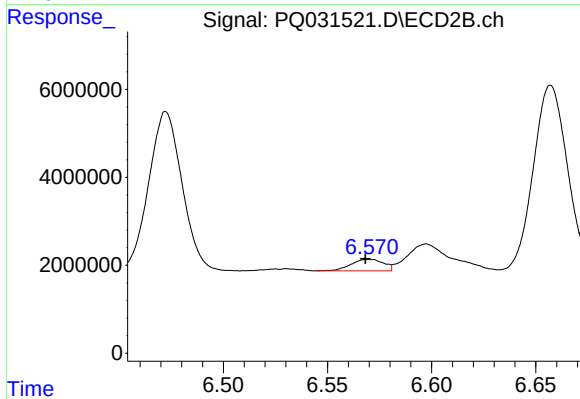
#27 AR-1254-2

R.T.: 6.252 min
Delta R.T.: 0.001 min
Response: 3331212
Conc: 32.17 ng/ml



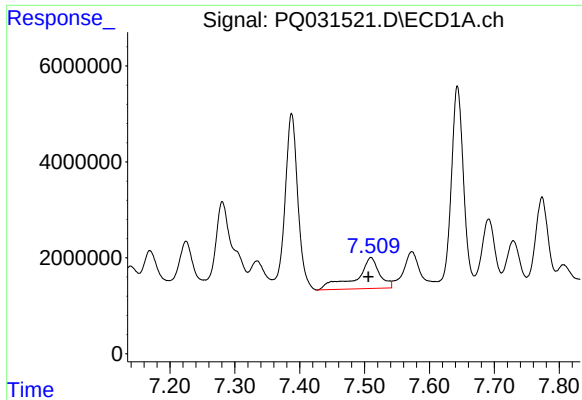
#28 AR-1254-3

R.T.: 7.225 min
Delta R.T.: 0.004 min
Response: 14634511
Conc: 69.97 ng/ml



#28 AR-1254-3

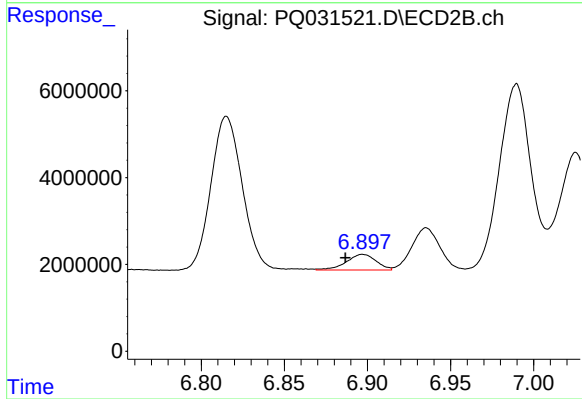
R.T.: 6.570 min
Delta R.T.: 0.002 min
Response: 2840012
Conc: 21.43 ng/ml



#29 AR-1254-4

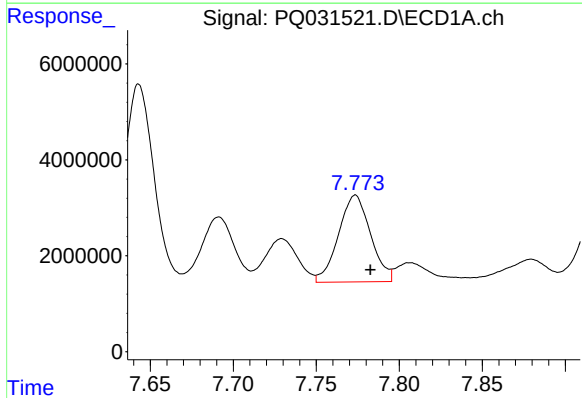
R.T.: 7.510 min
Delta R.T.: 0.004 min
Response: 16362419
Conc: 107.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



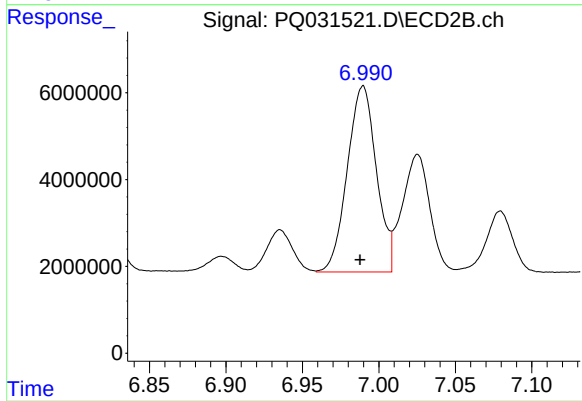
#29 AR-1254-4

R.T.: 6.897 min
Delta R.T.: 0.010 min
Response: 4533930
Conc: 48.40 ng/ml



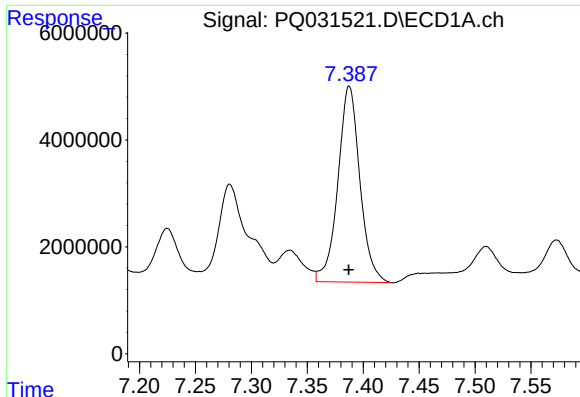
#30 AR-1254-5

R.T.: 7.774 min
Delta R.T.: -0.009 min
Response: 24359457
Conc: 209.06 ng/ml



#30 AR-1254-5

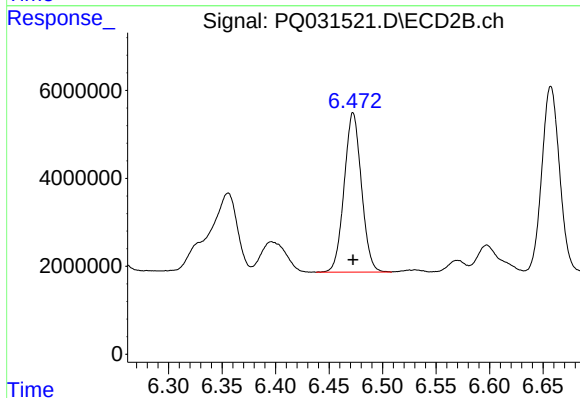
R.T.: 6.990 min
Delta R.T.: 0.002 min
Response: 56709495
Conc: 298.45 ng/ml



#31 AR-1260-1

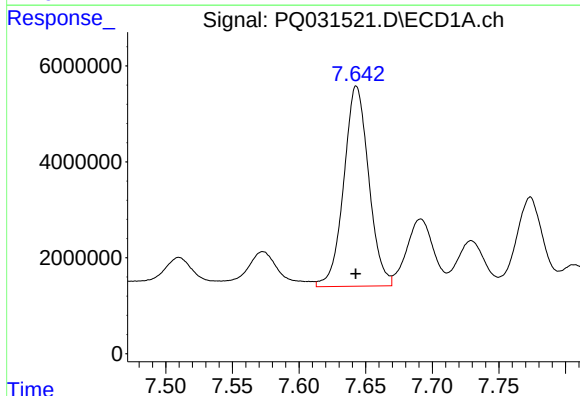
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 50190425
Conc: 339.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



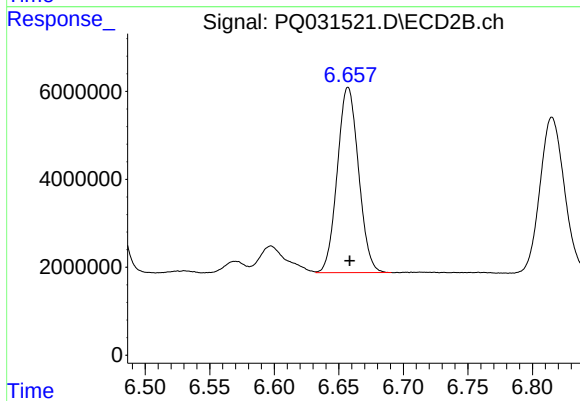
#31 AR-1260-1

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 40668566
Conc: 311.71 ng/ml



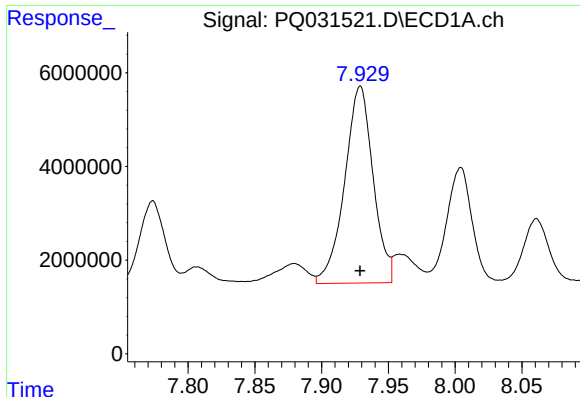
#32 AR-1260-2

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 54300655
Conc: 302.61 ng/ml



#32 AR-1260-2

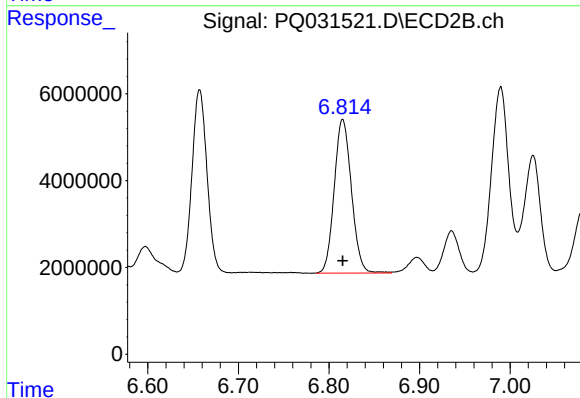
R.T.: 6.657 min
Delta R.T.: -0.001 min
Response: 48250487
Conc: 302.44 ng/ml



#33 AR-1260-3

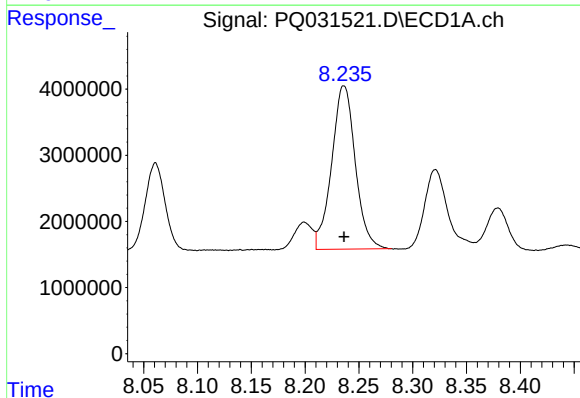
R.T.: 7.929 min
Delta R.T.: 0.000 min
Response: 62442253
Conc: 287.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



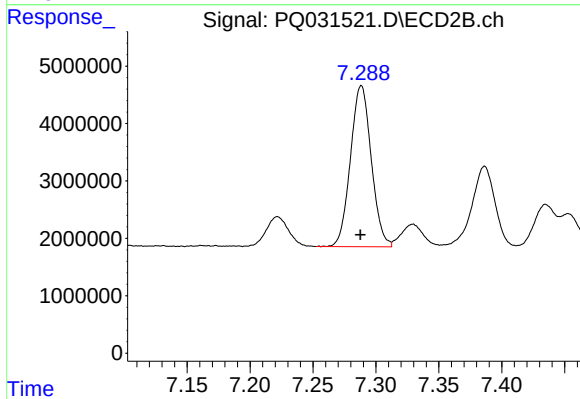
#33 AR-1260-3

R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 46754031
Conc: 310.14 ng/ml



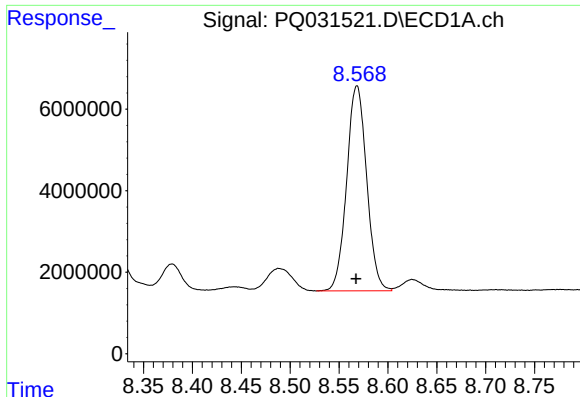
#34 AR-1260-4

R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 37830604
Conc: 239.00 ng/ml



#34 AR-1260-4

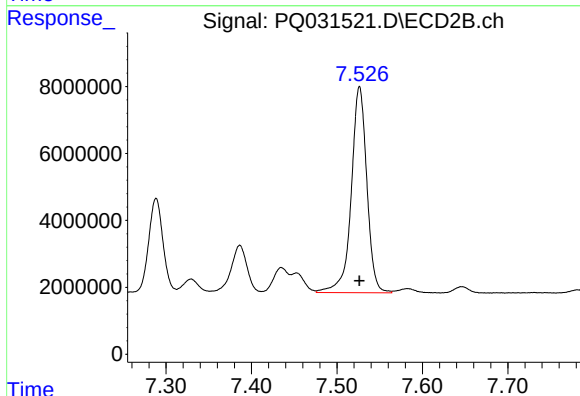
R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 32294358
Conc: 257.55 ng/ml



#35 AR-1260-5

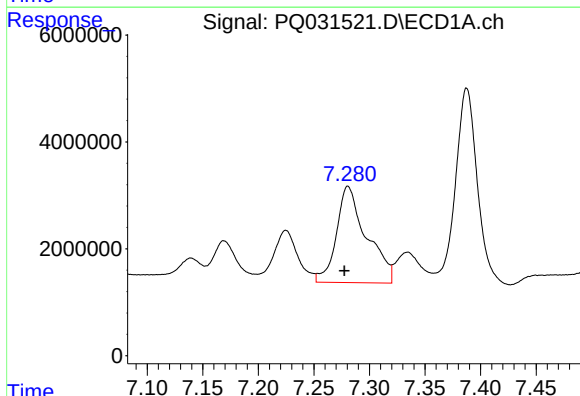
R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 71589475
Conc: 222.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



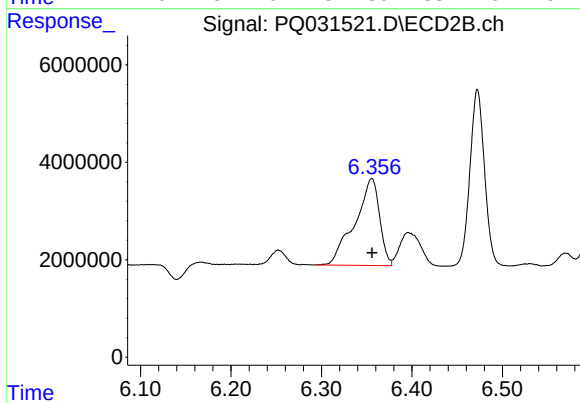
#35 AR-1260-5

R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 78219121
Conc: 258.75 ng/ml



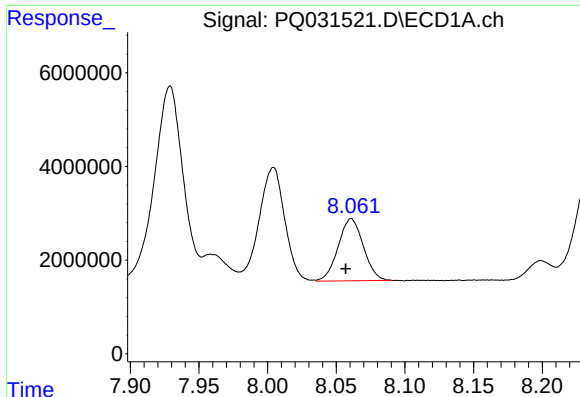
#36 AR-1262-1

R.T.: 7.281 min
Delta R.T.: 0.003 min
Response: 33967367
Conc: 419.06 ng/ml



#36 AR-1262-1

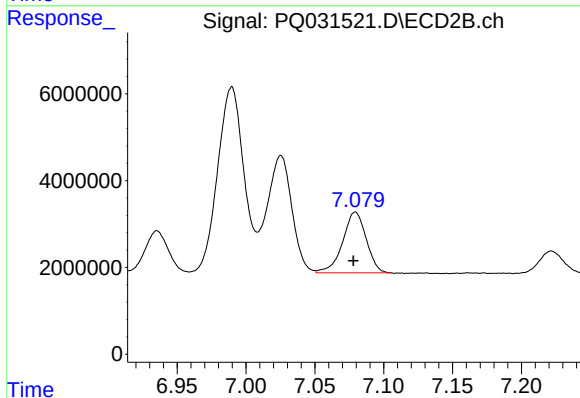
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 33773535
Conc: 451.47 ng/ml



#37 AR-1262-2

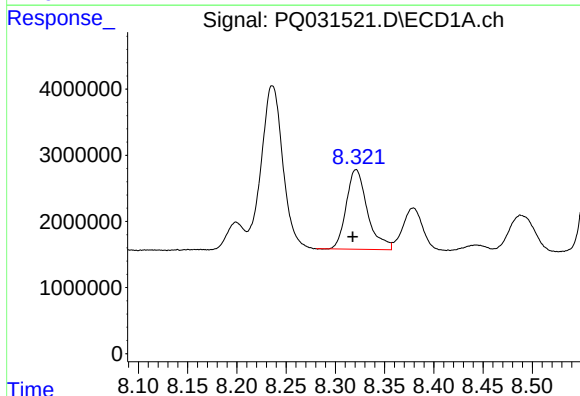
R.T.: 8.061 min
Delta R.T.: 0.004 min
Response: 17004146
Conc: 209.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



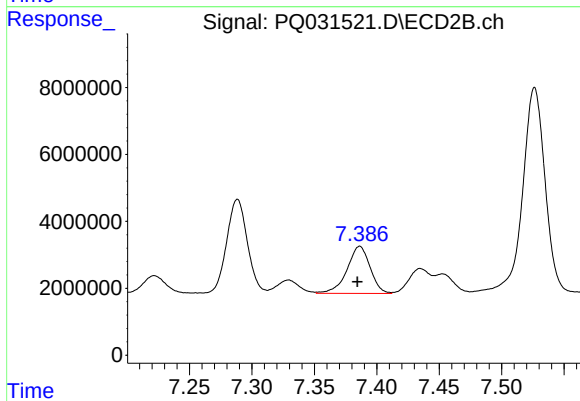
#37 AR-1262-2

R.T.: 7.079 min
Delta R.T.: 0.001 min
Response: 16705755
Conc: 228.59 ng/ml



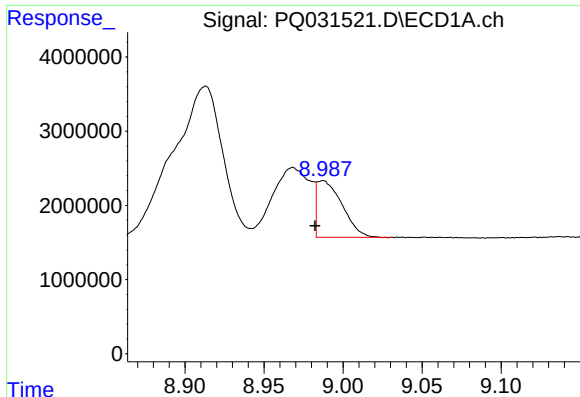
#38 AR-1262-3

R.T.: 8.321 min
Delta R.T.: 0.003 min
Response: 17975926
Conc: 198.82 ng/ml



#38 AR-1262-3

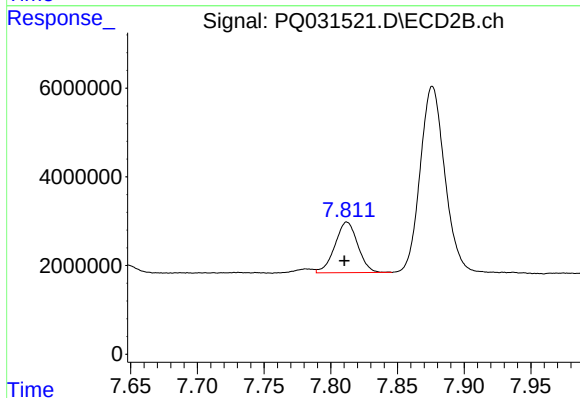
R.T.: 7.386 min
Delta R.T.: 0.002 min
Response: 18082645
Conc: 238.83 ng/ml



#39 AR-1262-4

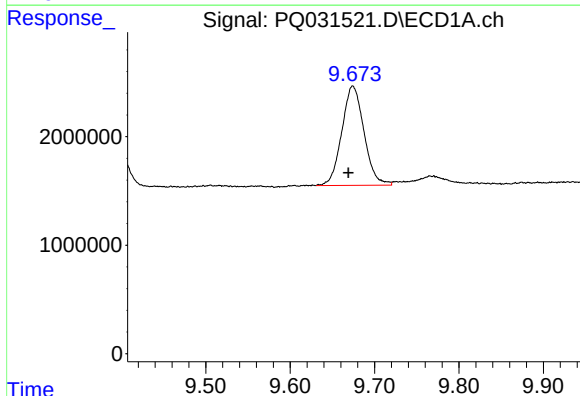
R.T.: 8.987 min
Delta R.T.: 0.005 min
Response: 8529353
Conc: 46.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



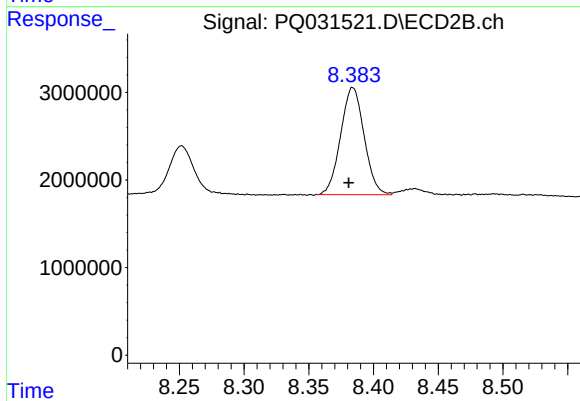
#39 AR-1262-4

R.T.: 7.812 min
Delta R.T.: 0.002 min
Response: 13592924
Conc: 96.60 ng/ml



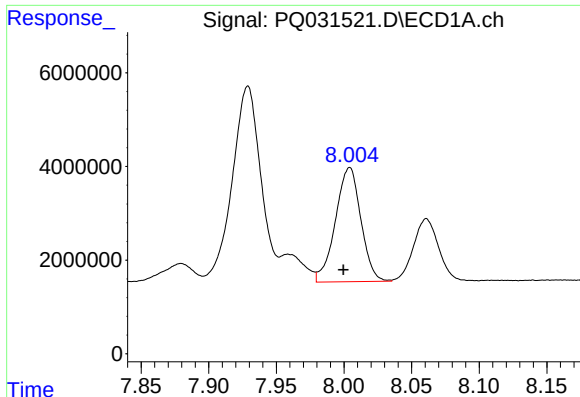
#40 AR-1262-5

R.T.: 9.674 min
Delta R.T.: 0.005 min
Response: 16724146
Conc: 129.81 ng/ml



#40 AR-1262-5

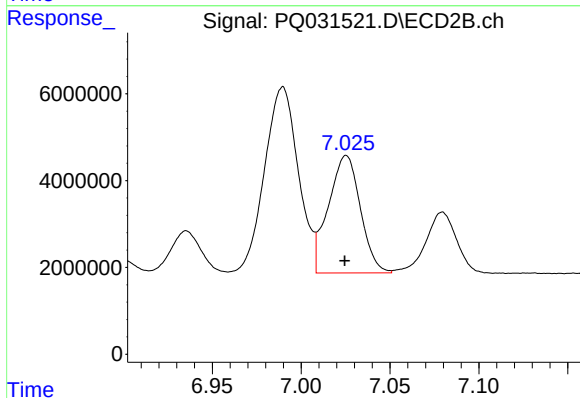
R.T.: 8.384 min
Delta R.T.: 0.003 min
Response: 15465628
Conc: 139.93 ng/ml



#41 AR-1268-1

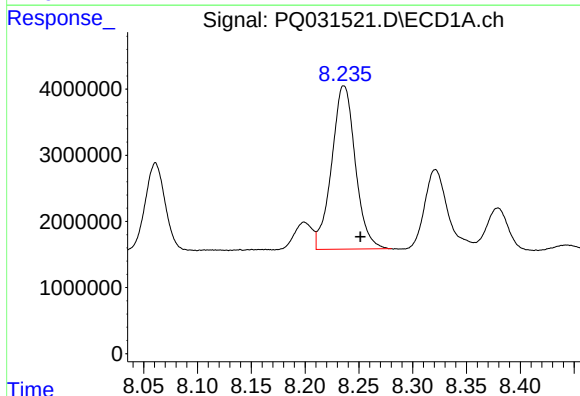
R.T.: 8.004 min
Delta R.T.: 0.005 min
Response: 31976346
Conc: 353.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



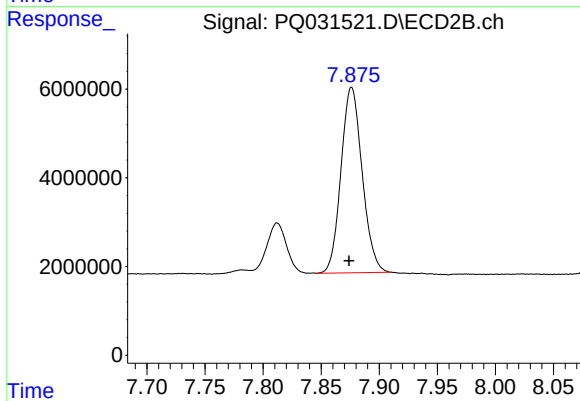
#41 AR-1268-1

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 33903201
Conc: 410.18 ng/ml



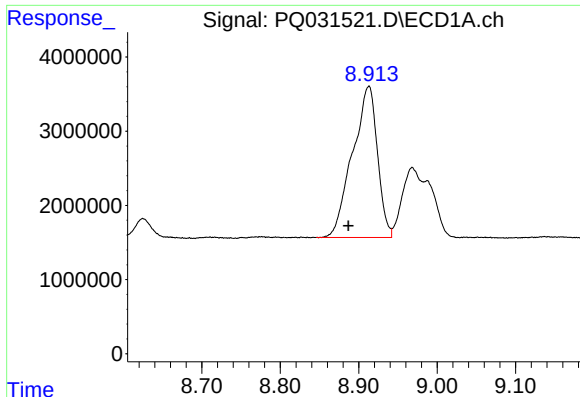
#42 AR-1268-2

R.T.: 8.236 min
Delta R.T.: -0.015 min
Response: 37830604
Conc: 319.16 ng/ml



#42 AR-1268-2

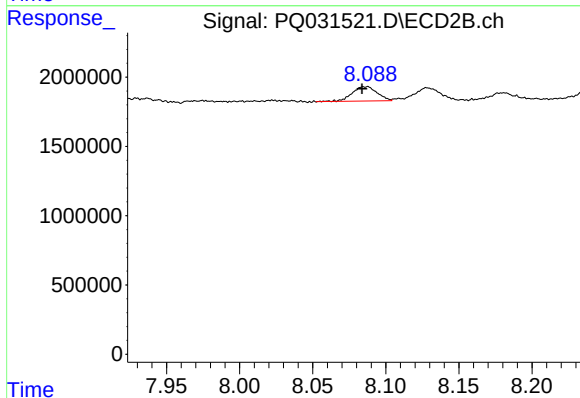
R.T.: 7.876 min
Delta R.T.: 0.002 min
Response: 53027793
Conc: 123.66 ng/ml



#43 AR-1268-3

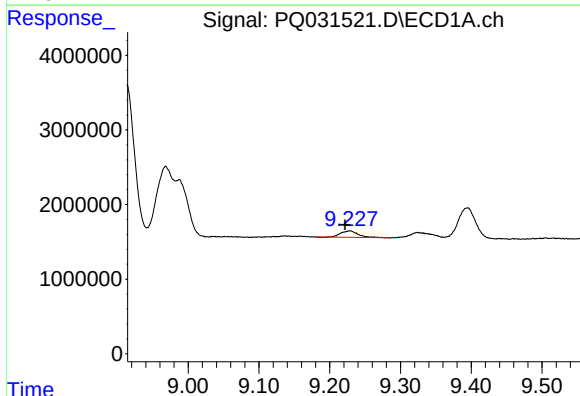
R.T.: 8.913 min
Delta R.T.: 0.026 min
Response: 44955726
Conc: 87.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



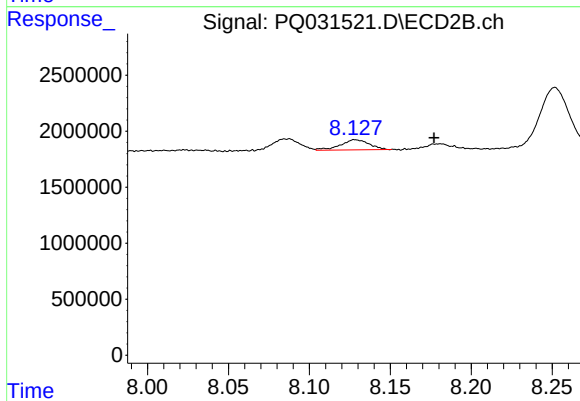
#43 AR-1268-3

R.T.: 8.087 min
Delta R.T.: 0.003 min
Response: 1242803
Conc: 3.46 ng/ml



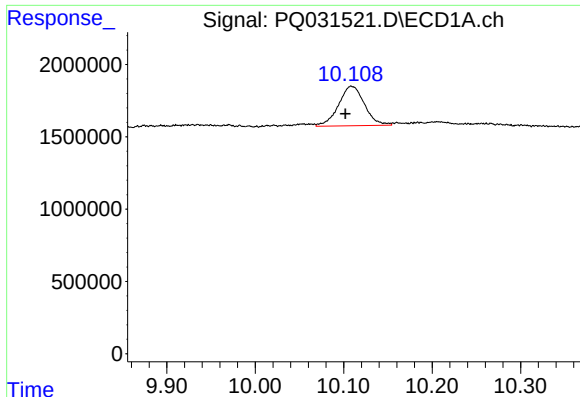
#44 AR-1268-4

R.T.: 9.229 min
Delta R.T.: 0.007 min
Response: 1440689
Conc: 3.65 ng/ml



#44 AR-1268-4

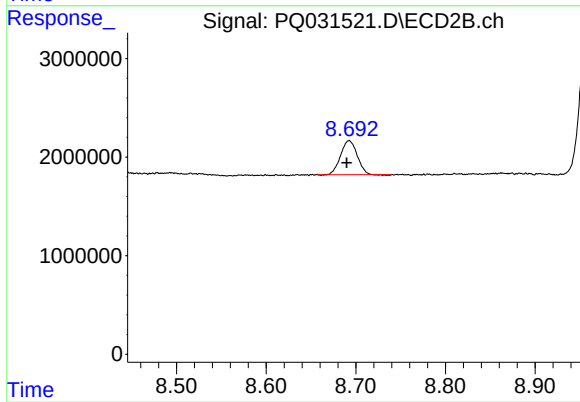
R.T.: 8.128 min
Delta R.T.: -0.049 min
Response: 1117377
Conc: 11.67 ng/ml



#45 AR-1268-5

R.T.: 10.109 min
Delta R.T.: 0.007 min
Response: 5588965
Conc: 4.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MS



#45 AR-1268-5

R.T.: 8.692 min
Delta R.T.: 0.003 min
Response: 4374756
Conc: 4.07 ng/ml