

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ083118\
 Data File : PQ031522.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2018 11:06
 Operator : SM\SJ
 Sample : J4665-03MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 E0AA0MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 05:17:55 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...	4.601	3.880	34604724	27416439	16.578	16.363
2)	SA Decachlor...	10.462	8.966	55550552	51538963	20.355	22.201
Target Compounds							
3)	L1 AR-1016-1	5.315	4.564	22152592	19419953	407.291	441.529
4)	L1 AR-1016-2	5.511	4.981	22547153	27347038	409.666	419.559
5)	L1 AR-1016-3	5.780	5.001	31571970	38847752	401.812	418.401
6)	L1 AR-1016-4	5.866	5.058	28396371	26283511	400.317	420.680
7)	L1 AR-1016-5	6.260	5.436	25327800	21658854	397.097	395.551
8)	L2 AR-1221-1	4.807	4.095	2172520	1856013	107.996	97.488
9)	L2 AR-1221-2	4.900	4.184	3211801	2020559	221.958	198.891
10)	L2 AR-1221-3	4.977	4.262	14055757	10737648	242.491	257.825
11)	L3 AR-1232-1	5.802	4.760	47564248	18676371	1059.474	1027.685
12)	L3 AR-1232-2	5.965	4.874	23520425	5149921	1058.599	1042.733
13)	L3 AR-1232-3	6.137	5.261	8243471	19991983	1178.851	1185.110
14)	L3 AR-1232-4	6.471	5.586	11863903	18503515	1784.240	845.690 #
15)	L3 AR-1232-5	7.334	6.168	9748475	5028785	2009.084	1708.584
16)	L4 AR-1242-1	5.346	4.585	13084445	10885997	546.452	583.634
17)	L4 AR-1242-2	6.099	5.180	22135489	20467667	530.275	526.832
18)	L4 AR-1242-3	6.301	5.294	11888701	6782116	561.275	542.763
19)	L4 AR-1242-4	6.345	5.660	10069016	3793271	644.521	344.731 #
20)	L4 AR-1242-5	6.401	6.033	27923661	12983910	516.563	453.262
21)	L5 AR-1248-1	6.053	5.218	21059571	16195493	277.538	259.672
22)	L5 AR-1248-2	6.638	5.790	31552333	20108901	392.215	168.559 #
23)	L5 AR-1248-3	6.638	5.830	31552333	5094048	296.223	62.533 #
24)	L5 AR-1248-4	6.704	6.033	4948636	12983910	48.887	180.945 #
25)	L5 AR-1248-5	6.902	6.356	1046567	38899976	15.107	671.827 #
26)	L6 AR-1254-1	6.854	5.935	21391376	23647478	114.726	194.349 #
27)	L6 AR-1254-2	7.139	6.253	5691600	3789379	48.720	36.594
28)	L6 AR-1254-3	7.225	6.570	14963988	3176121	71.546	23.968 #
29)	L6 AR-1254-4	7.510	6.897	14675901	5219610	96.058	55.716 #
30)	L6 AR-1254-5	7.774	6.989	28903280	65164481	248.061	342.947 #
31)	L7 AR-1260-1	7.387	6.473	56107979	47023405	379.889	360.413
32)	L7 AR-1260-2	7.643	6.658	64017066	55101556	356.758	345.385
33)	L7 AR-1260-3	7.929	6.815	81547269	53297817	375.918	353.542
34)	L7 AR-1260-4	8.236	7.288	44746665	38605743	282.697	307.879
35)	L7 AR-1260-5	8.568	7.526	85559951	91902283	266.277	304.019
36)	L8 AR-1262-1	7.282	6.356	36404921	38899976	449.128	519.998
37)	L8 AR-1262-2	8.061	7.080	20269752	19432483	249.654	265.902
38)	L8 AR-1262-3	8.322	7.387	21051994	21508323	232.840	284.071
39)	L8 AR-1262-4	8.968	7.812	28454680	15898305	156.328	112.987 #
40)	L8 AR-1262-5	9.674	8.384	18613363	17736700	144.471	160.476
41)	L9 AR-1268-1	8.002	7.025	37706561	39220751	416.393	474.513

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ083118\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Aug 2018 11:06
Operator : SM\SJ
Sample : J4665-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

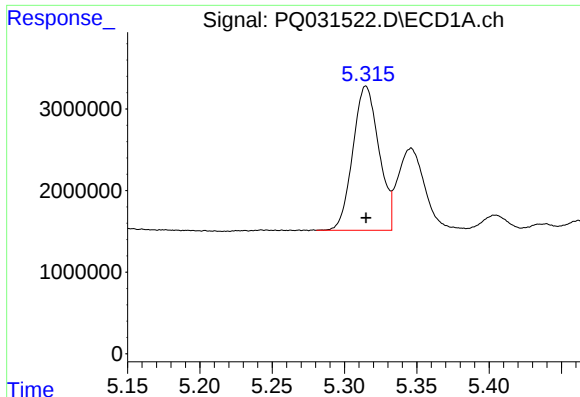
Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 31 05:17:55 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	7.877	44746665	61836625	377.503	144.206 #
43)	L9 AR-1268-3	8.912	8.085	53335902	1321705	104.076	3.680 #
44)	L9 AR-1268-4	9.228	8.130	1814701	1002115	4.601	10.464 #
45)	L9 AR-1268-5	10.109	8.693	6884339	5504993	5.765	5.118

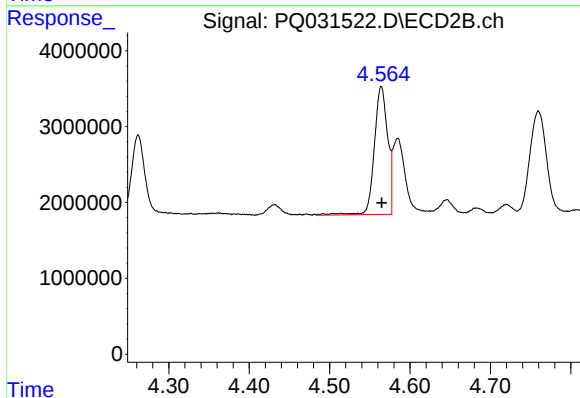
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

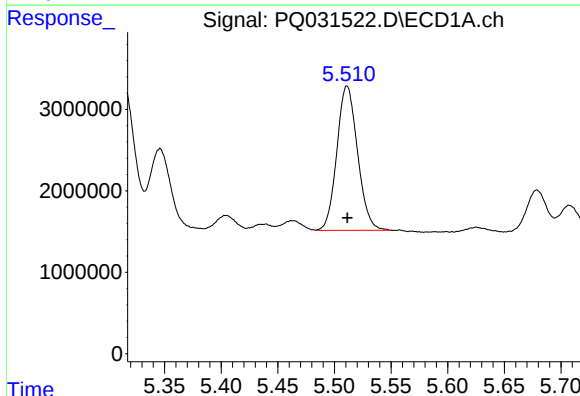
R.T.: 5.315 min
Delta R.T.: 0.000 min
Response: 22152592
Conc: 407.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



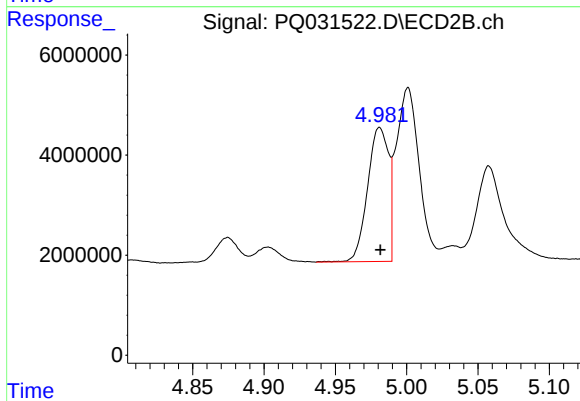
#3 AR-1016-1

R.T.: 4.564 min
Delta R.T.: 0.000 min
Response: 19419953
Conc: 441.53 ng/ml



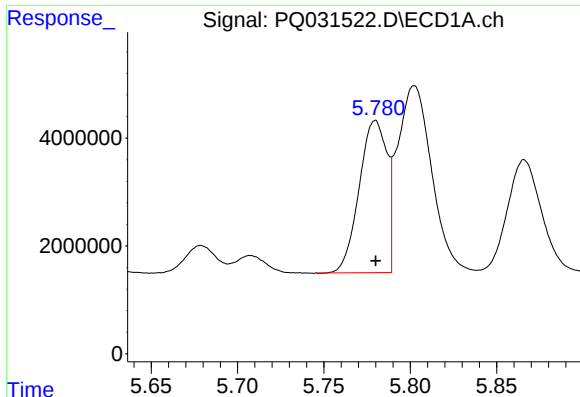
#4 AR-1016-2

R.T.: 5.511 min
Delta R.T.: 0.000 min
Response: 22547153
Conc: 409.67 ng/ml



#4 AR-1016-2

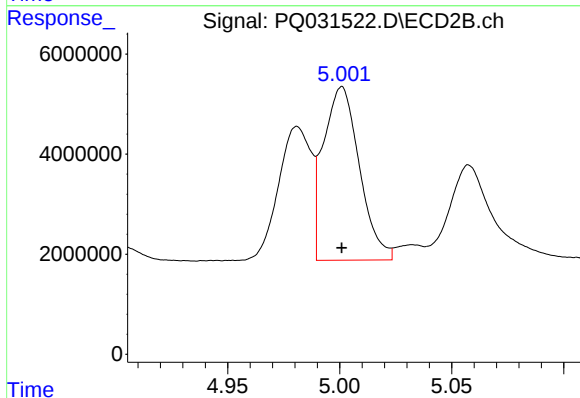
R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 27347038
Conc: 419.56 ng/ml



#5 AR-1016-3

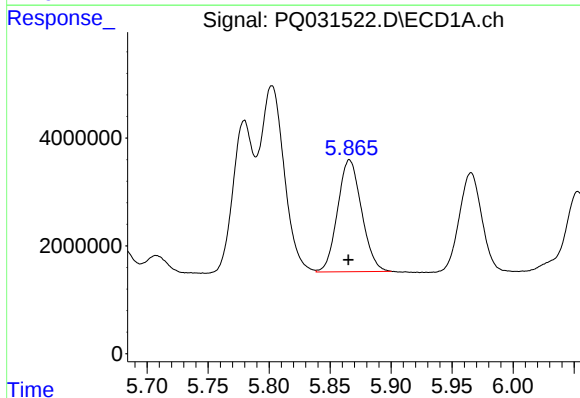
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 31571970
Conc: 401.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



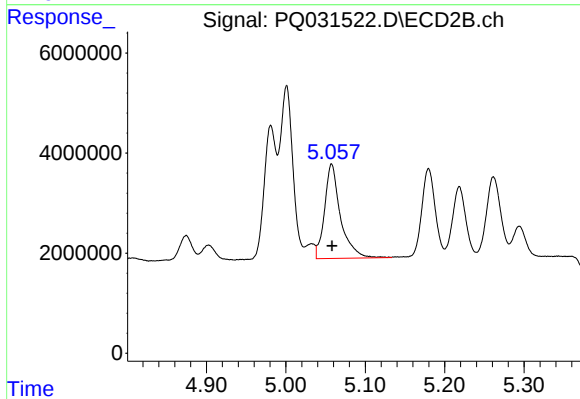
#5 AR-1016-3

R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 38847752
Conc: 418.40 ng/ml



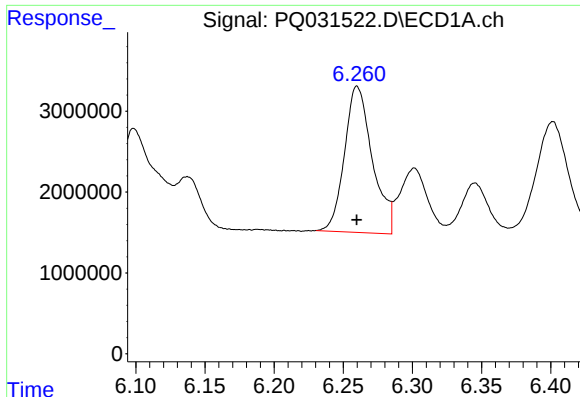
#6 AR-1016-4

R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 28396371
Conc: 400.32 ng/ml



#6 AR-1016-4

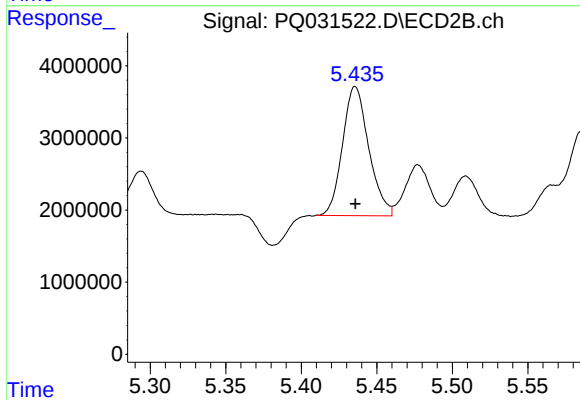
R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 26283511
Conc: 420.68 ng/ml



#7 AR-1016-5

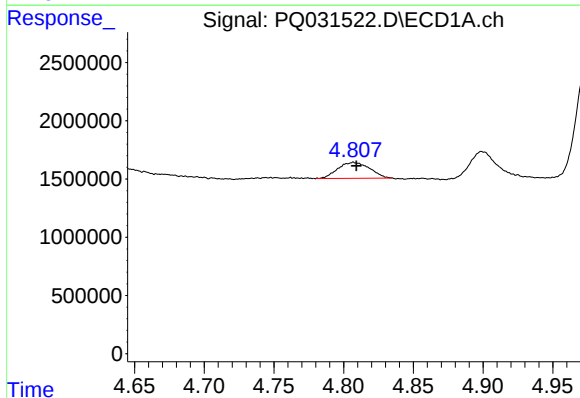
R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 25327800
Conc: 397.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



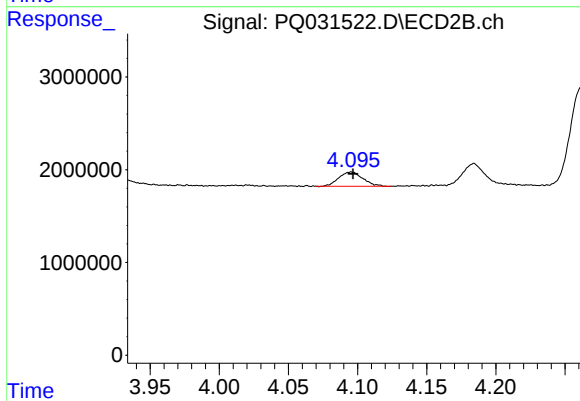
#7 AR-1016-5

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 21658854
Conc: 395.55 ng/ml



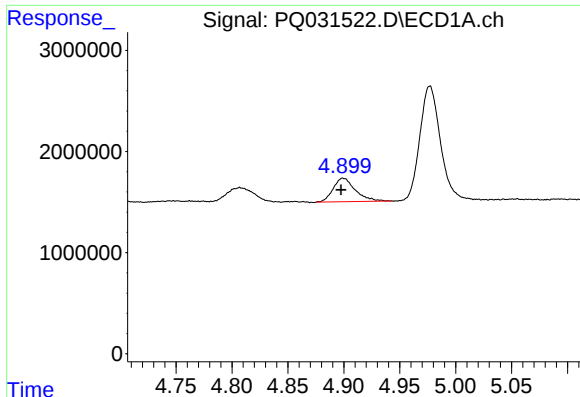
#8 AR-1221-1

R.T.: 4.807 min
Delta R.T.: -0.002 min
Response: 2172520
Conc: 108.00 ng/ml



#8 AR-1221-1

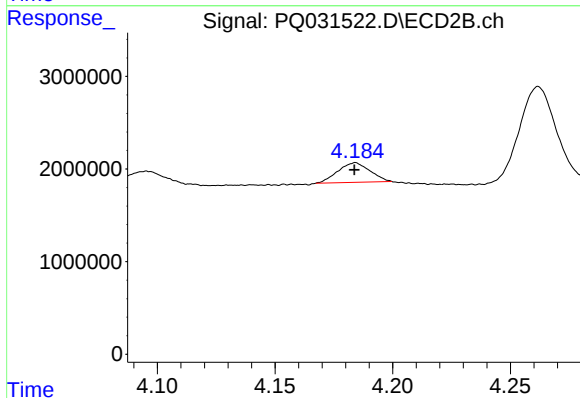
R.T.: 4.095 min
Delta R.T.: -0.001 min
Response: 1856013
Conc: 97.49 ng/ml



#9 AR-1221-2

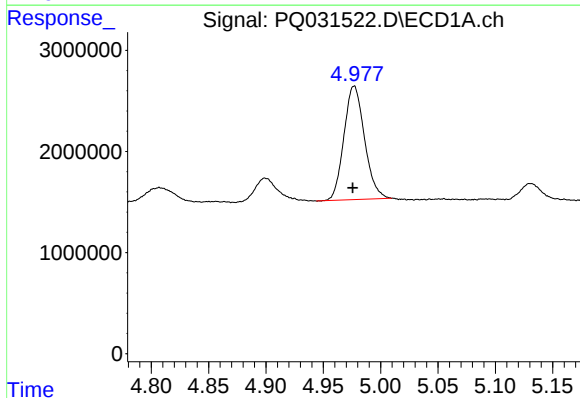
R.T.: 4.900 min
Delta R.T.: 0.002 min
Response: 3211801
Conc: 221.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



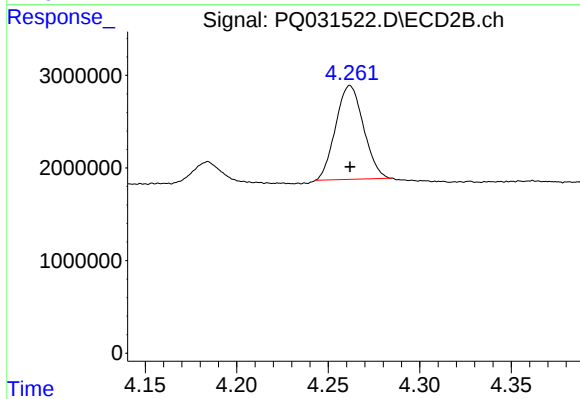
#9 AR-1221-2

R.T.: 4.184 min
Delta R.T.: 0.000 min
Response: 2020559
Conc: 198.89 ng/ml



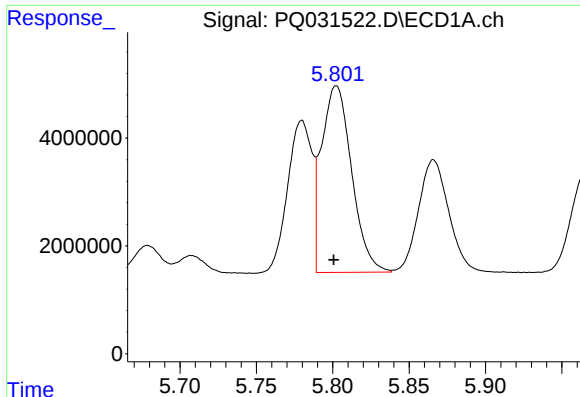
#10 AR-1221-3

R.T.: 4.977 min
Delta R.T.: 0.001 min
Response: 14055757
Conc: 242.49 ng/ml



#10 AR-1221-3

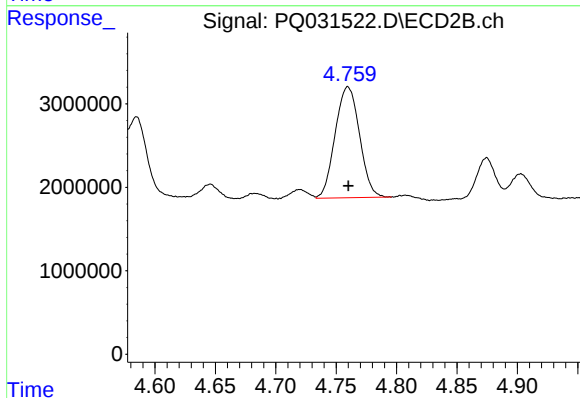
R.T.: 4.262 min
Delta R.T.: 0.000 min
Response: 10737648
Conc: 257.83 ng/ml



#11 AR-1232-1

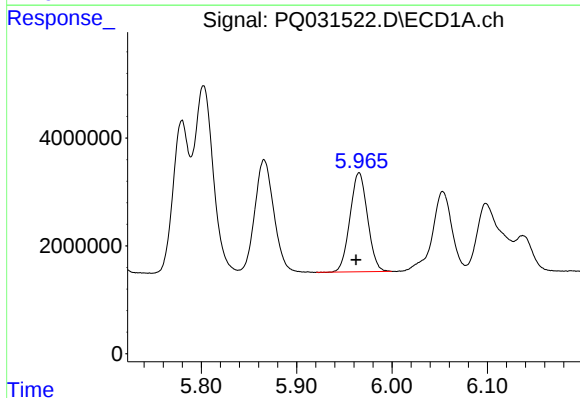
R.T.: 5.802 min
Delta R.T.: 0.002 min
Response: 47564248
Conc: 1059.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



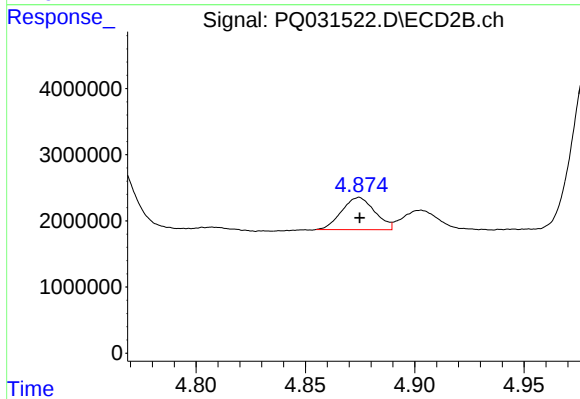
#11 AR-1232-1

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 18676371
Conc: 1027.68 ng/ml



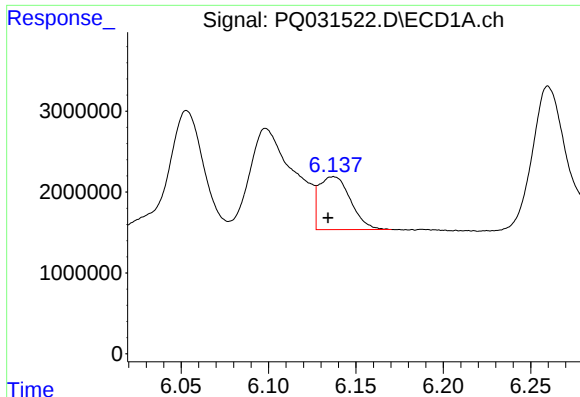
#12 AR-1232-2

R.T.: 5.965 min
Delta R.T.: 0.003 min
Response: 23520425
Conc: 1058.60 ng/ml



#12 AR-1232-2

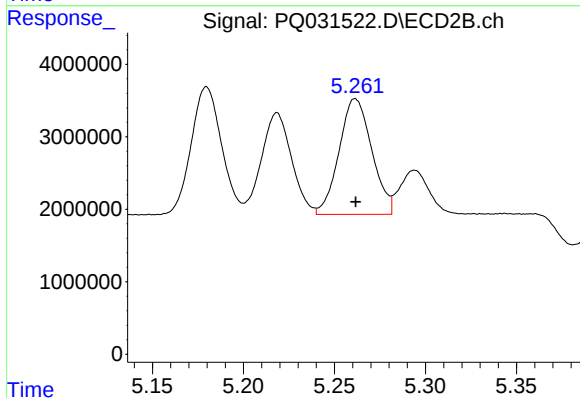
R.T.: 4.874 min
Delta R.T.: 0.000 min
Response: 5149921
Conc: 1042.73 ng/ml



#13 AR-1232-3

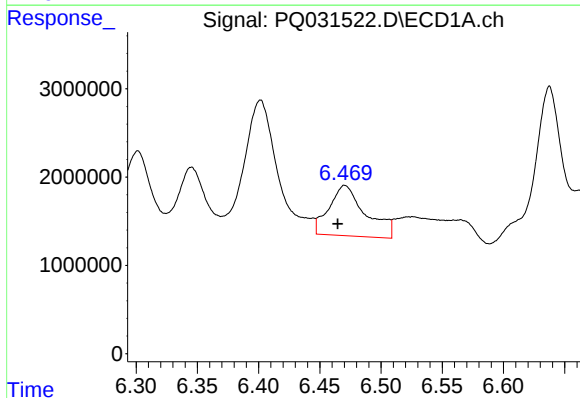
R.T.: 6.137 min
Delta R.T.: 0.003 min
Response: 8243471
Conc: 1178.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



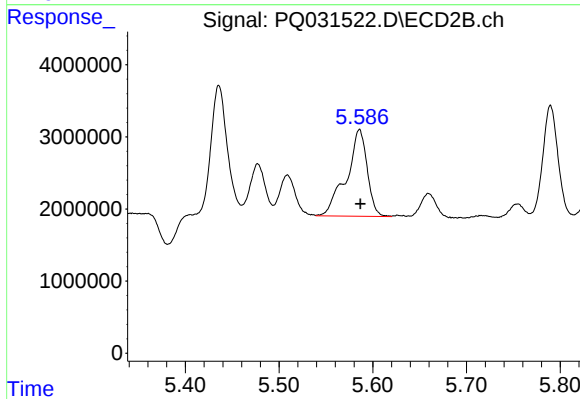
#13 AR-1232-3

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 19991983
Conc: 1185.11 ng/ml



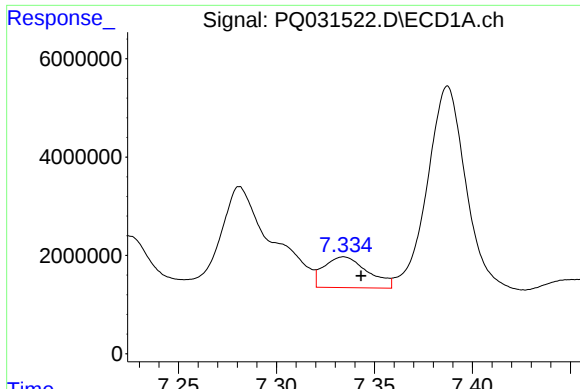
#14 AR-1232-4

R.T.: 6.471 min
Delta R.T.: 0.006 min
Response: 11863903
Conc: 1784.24 ng/ml



#14 AR-1232-4

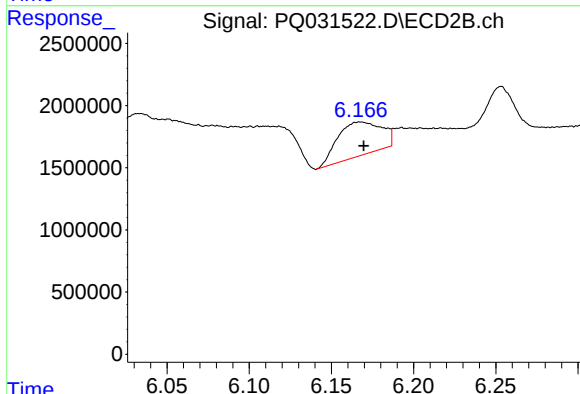
R.T.: 5.586 min
Delta R.T.: -0.001 min
Response: 18503515
Conc: 845.69 ng/ml



#15 AR-1232-5

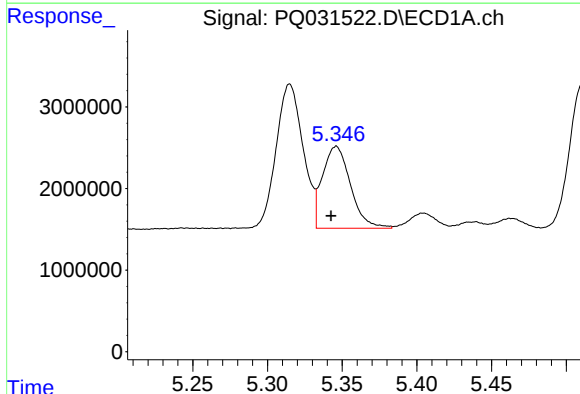
R.T.: 7.334 min
Delta R.T.: -0.009 min
Response: 9748475
Conc: 2009.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



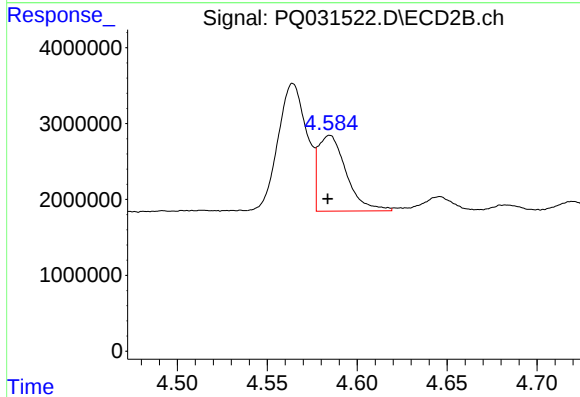
#15 AR-1232-5

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 5028785
Conc: 1708.58 ng/ml



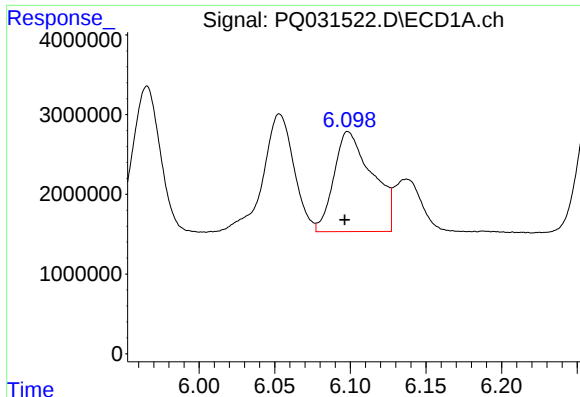
#16 AR-1242-1

R.T.: 5.346 min
Delta R.T.: 0.003 min
Response: 13084445
Conc: 546.45 ng/ml



#16 AR-1242-1

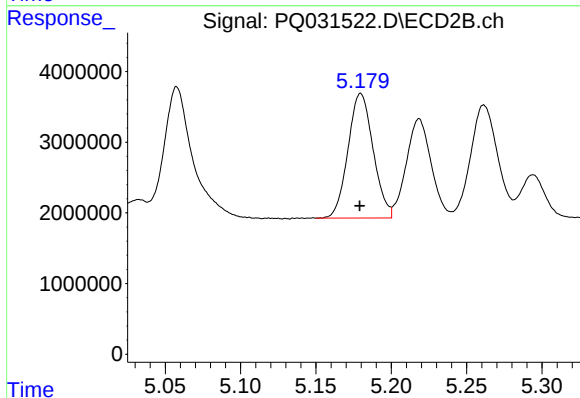
R.T.: 4.585 min
Delta R.T.: 0.001 min
Response: 10885997
Conc: 583.63 ng/ml



#17 AR-1242-2

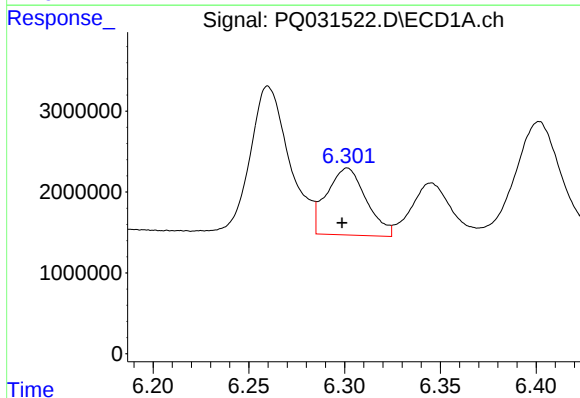
R.T.: 6.099 min
Delta R.T.: 0.003 min
Response: 22135489
Conc: 530.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



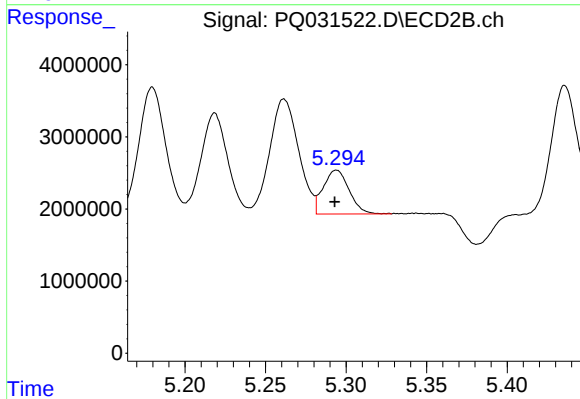
#17 AR-1242-2

R.T.: 5.180 min
Delta R.T.: 0.000 min
Response: 20467667
Conc: 526.83 ng/ml



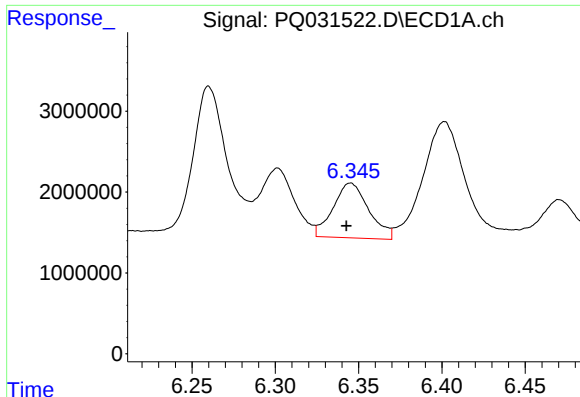
#18 AR-1242-3

R.T.: 6.301 min
Delta R.T.: 0.002 min
Response: 11888701
Conc: 561.27 ng/ml



#18 AR-1242-3

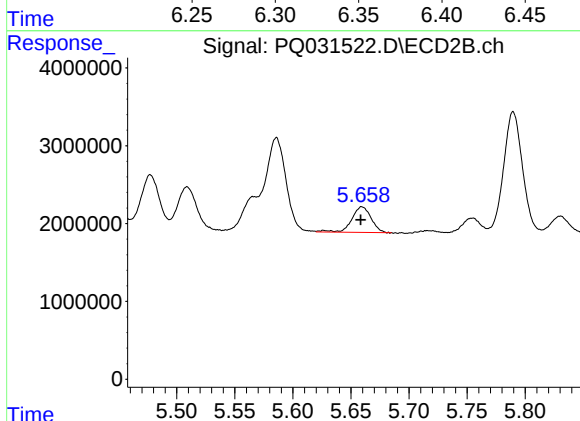
R.T.: 5.294 min
Delta R.T.: 0.001 min
Response: 6782116
Conc: 542.76 ng/ml



#19 AR-1242-4

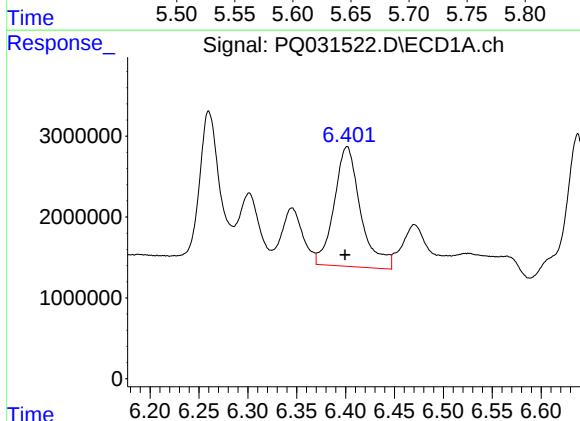
R.T.: 6.345 min
Delta R.T.: 0.003 min
Response: 10069016
Conc: 644.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



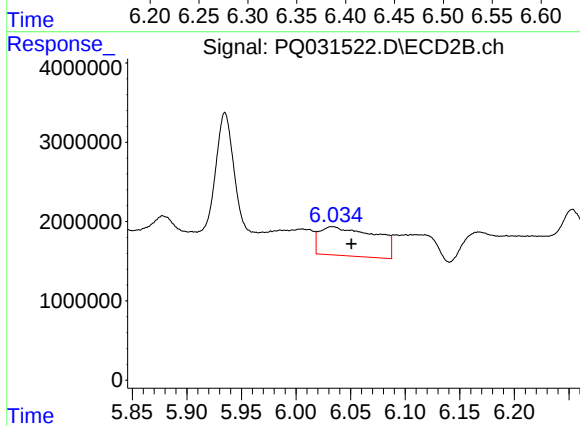
#19 AR-1242-4

R.T.: 5.660 min
Delta R.T.: 0.001 min
Response: 3793271
Conc: 344.73 ng/ml



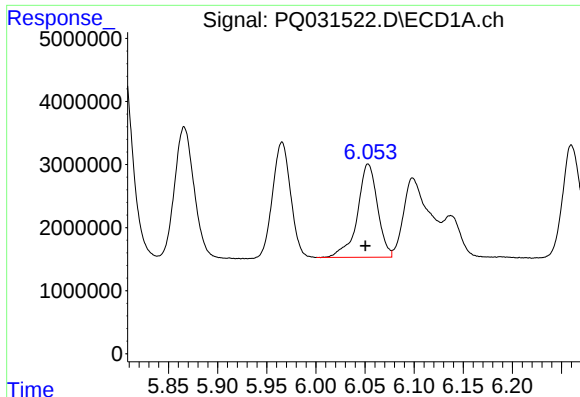
#20 AR-1242-5

R.T.: 6.401 min
Delta R.T.: 0.002 min
Response: 27923661
Conc: 516.56 ng/ml



#20 AR-1242-5

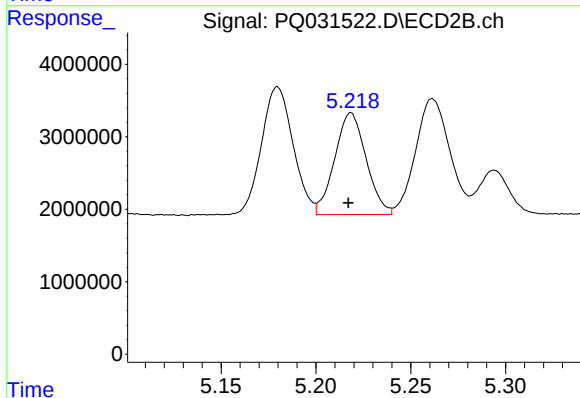
R.T.: 6.033 min
Delta R.T.: -0.018 min
Response: 12983910
Conc: 453.26 ng/ml



#21 AR-1248-1

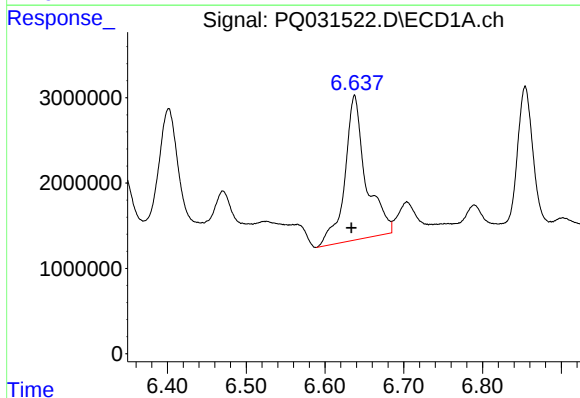
R.T.: 6.053 min
Delta R.T.: 0.003 min
Response: 21059571
Conc: 277.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



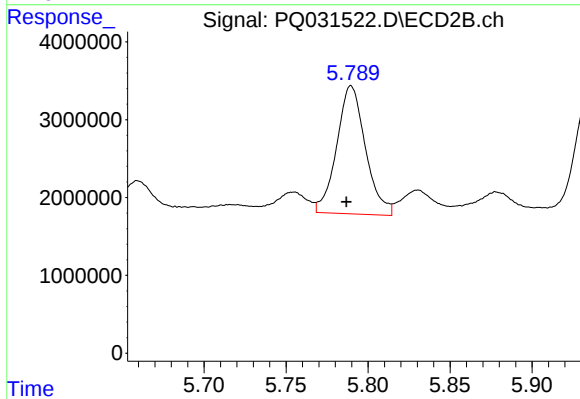
#21 AR-1248-1

R.T.: 5.218 min
Delta R.T.: 0.001 min
Response: 16195493
Conc: 259.67 ng/ml



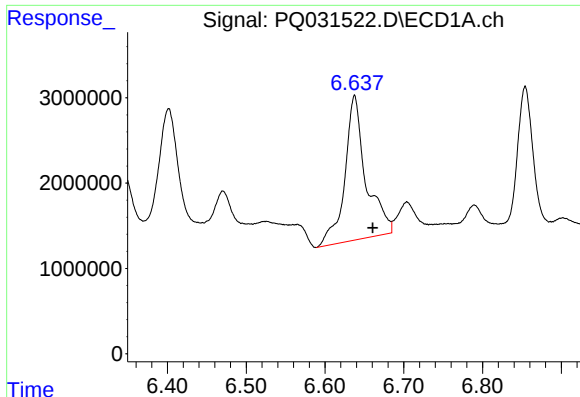
#22 AR-1248-2

R.T.: 6.638 min
Delta R.T.: 0.004 min
Response: 31552333
Conc: 392.22 ng/ml



#22 AR-1248-2

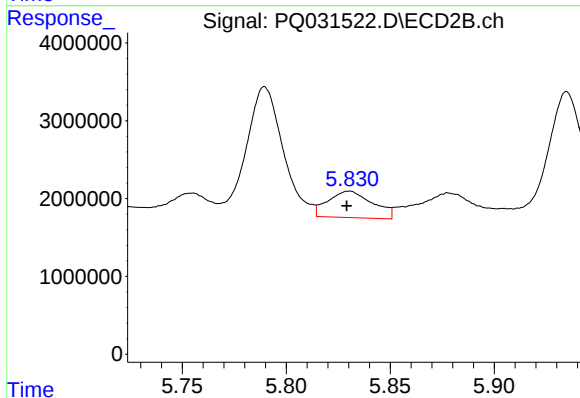
R.T.: 5.790 min
Delta R.T.: 0.003 min
Response: 20108901
Conc: 168.56 ng/ml



#23 AR-1248-3

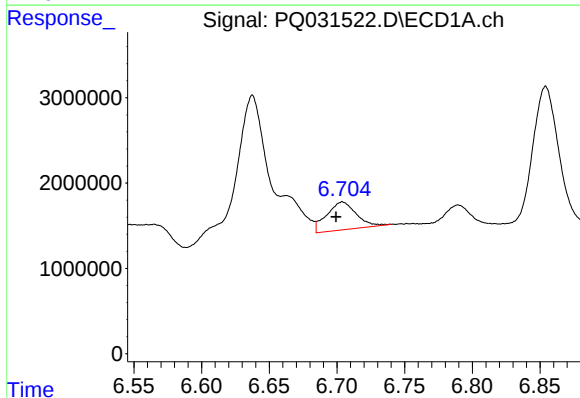
R.T.: 6.638 min
Delta R.T.: -0.023 min
Response: 31552333
Conc: 296.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



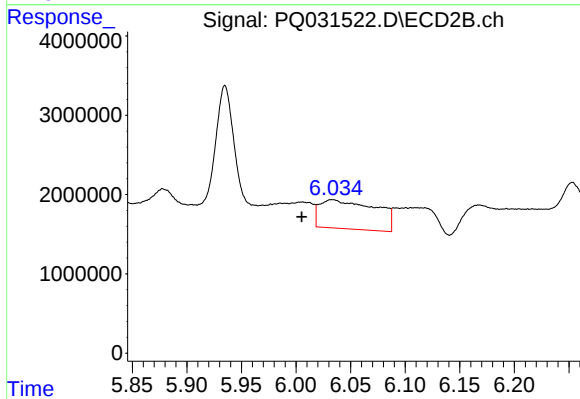
#23 AR-1248-3

R.T.: 5.830 min
Delta R.T.: 0.001 min
Response: 5094048
Conc: 62.53 ng/ml



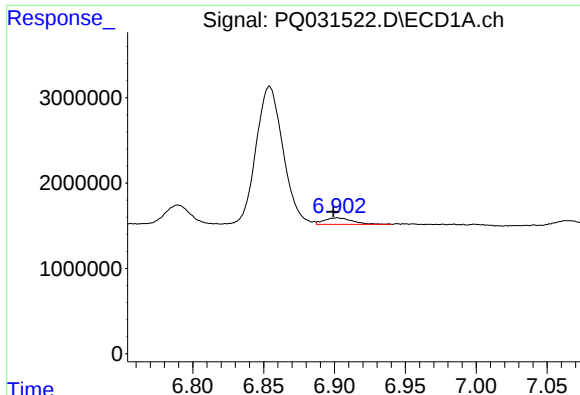
#24 AR-1248-4

R.T.: 6.704 min
Delta R.T.: 0.005 min
Response: 4948636
Conc: 48.89 ng/ml



#24 AR-1248-4

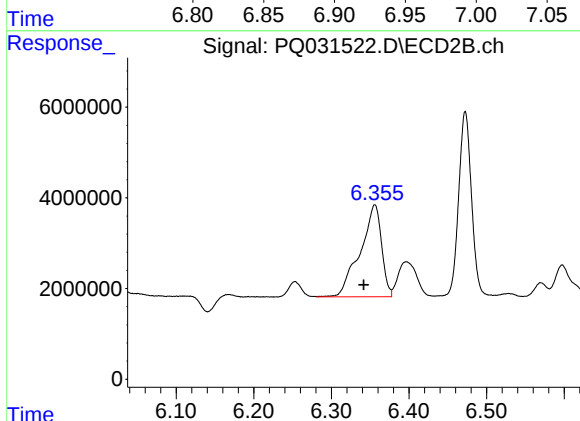
R.T.: 6.033 min
Delta R.T.: 0.028 min
Response: 12983910
Conc: 180.94 ng/ml



#25 AR-1248-5

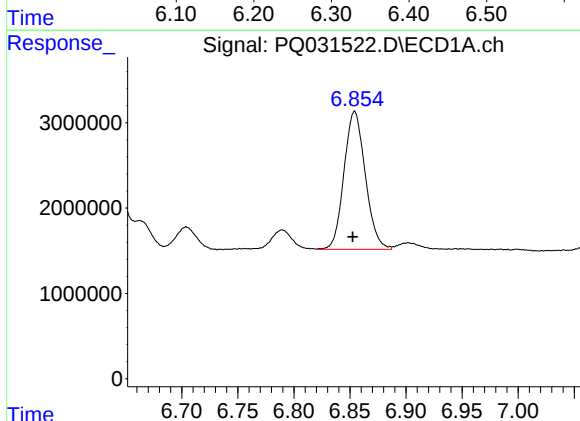
R.T.: 6.902 min
Delta R.T.: 0.003 min
Response: 1046567
Conc: 15.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



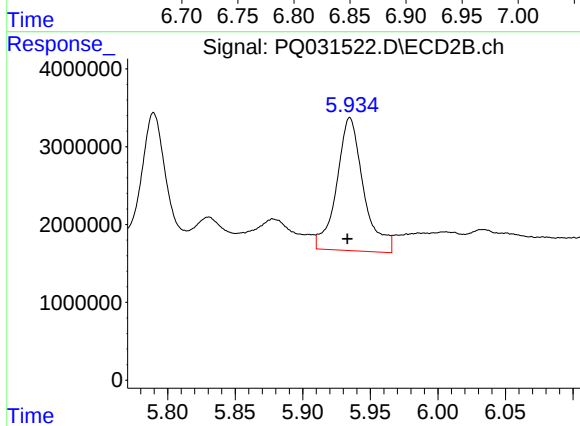
#25 AR-1248-5

R.T.: 6.356 min
Delta R.T.: 0.014 min
Response: 38899976
Conc: 671.83 ng/ml



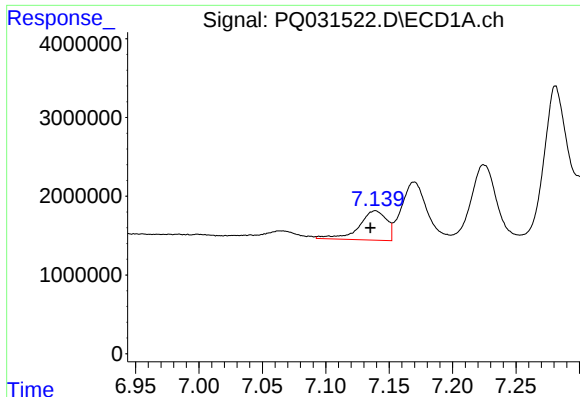
#26 AR-1254-1

R.T.: 6.854 min
Delta R.T.: 0.002 min
Response: 21391376
Conc: 114.73 ng/ml



#26 AR-1254-1

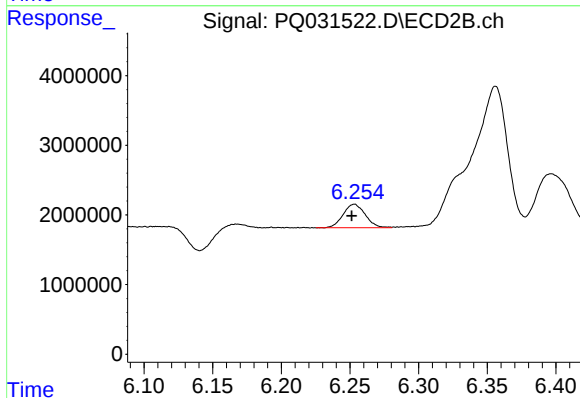
R.T.: 5.935 min
Delta R.T.: 0.002 min
Response: 23647478
Conc: 194.35 ng/ml



#27 AR-1254-2

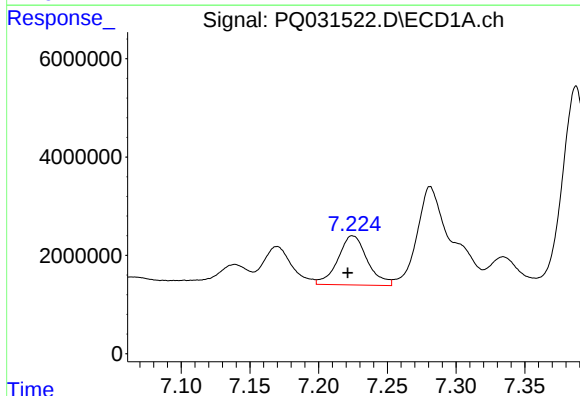
R.T.: 7.139 min
Delta R.T.: 0.004 min
Response: 5691600
Conc: 48.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



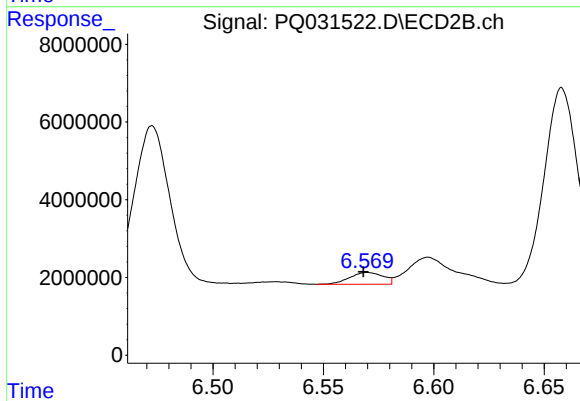
#27 AR-1254-2

R.T.: 6.253 min
Delta R.T.: 0.002 min
Response: 3789379
Conc: 36.59 ng/ml



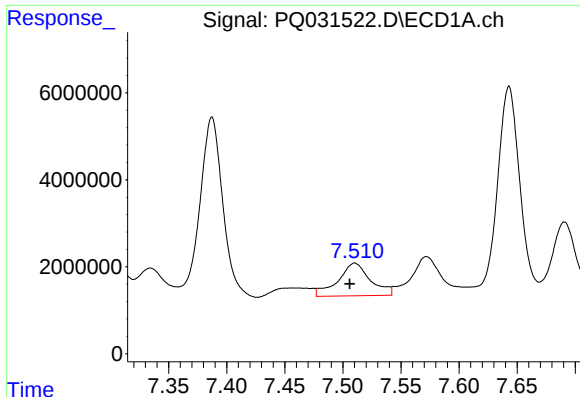
#28 AR-1254-3

R.T.: 7.225 min
Delta R.T.: 0.004 min
Response: 14963988
Conc: 71.55 ng/ml



#28 AR-1254-3

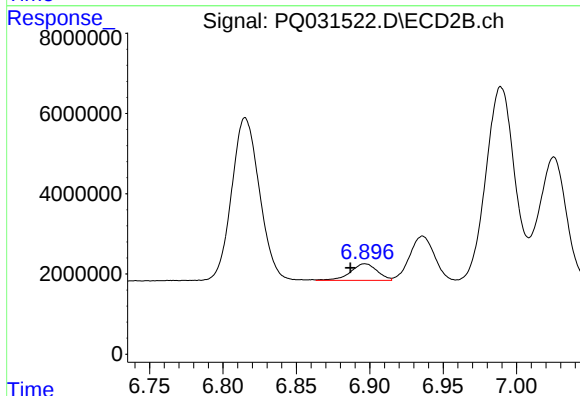
R.T.: 6.570 min
Delta R.T.: 0.002 min
Response: 3176121
Conc: 23.97 ng/ml



#29 AR-1254-4

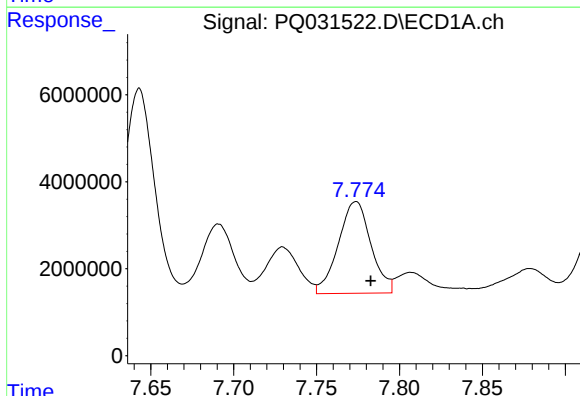
R.T.: 7.510 min
Delta R.T.: 0.004 min
Response: 14675901
Conc: 96.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



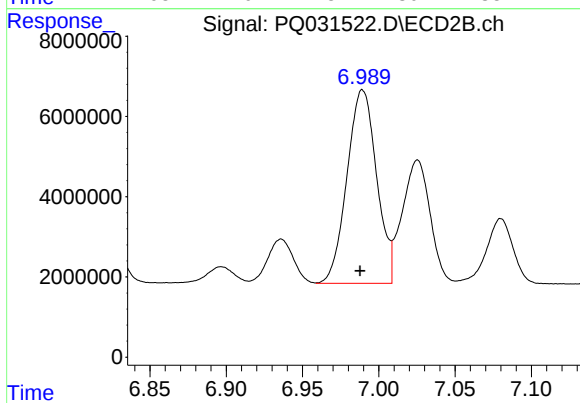
#29 AR-1254-4

R.T.: 6.897 min
Delta R.T.: 0.010 min
Response: 5219610
Conc: 55.72 ng/ml



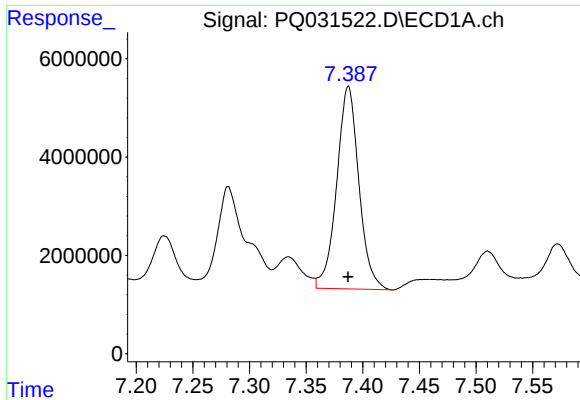
#30 AR-1254-5

R.T.: 7.774 min
Delta R.T.: -0.009 min
Response: 28903280
Conc: 248.06 ng/ml



#30 AR-1254-5

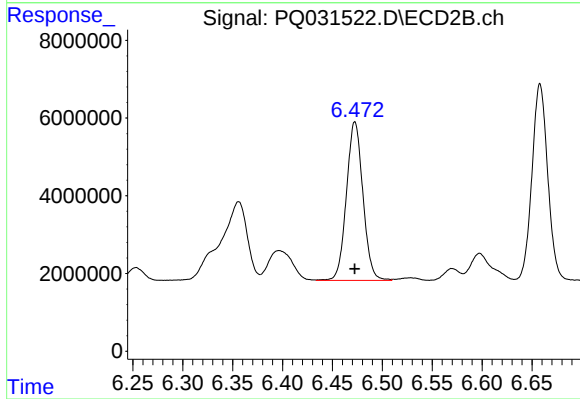
R.T.: 6.989 min
Delta R.T.: 0.002 min
Response: 65164481
Conc: 342.95 ng/ml



#31 AR-1260-1

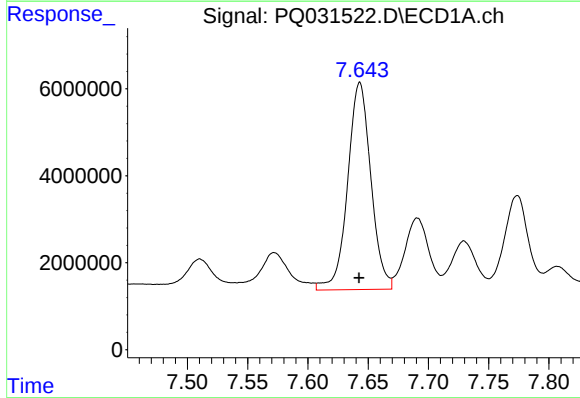
R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 56107979
Conc: 379.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



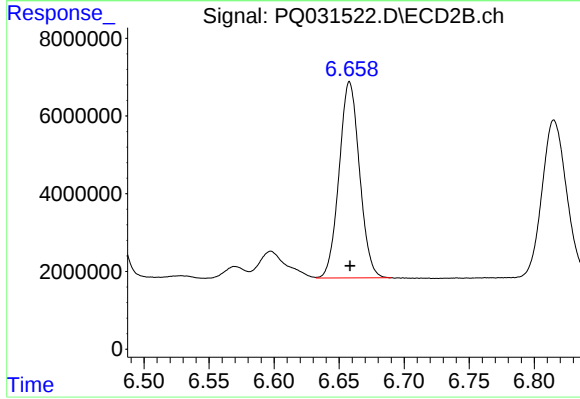
#31 AR-1260-1

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 47023405
Conc: 360.41 ng/ml



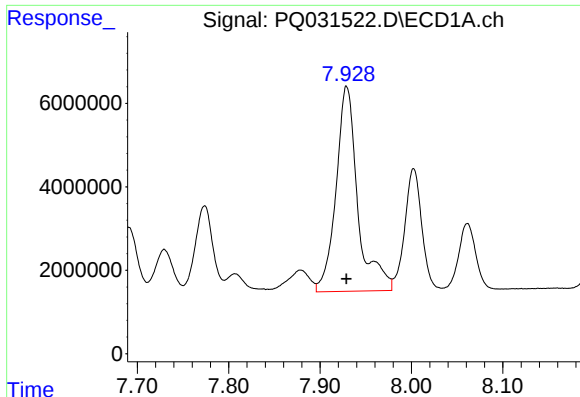
#32 AR-1260-2

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 64017066
Conc: 356.76 ng/ml



#32 AR-1260-2

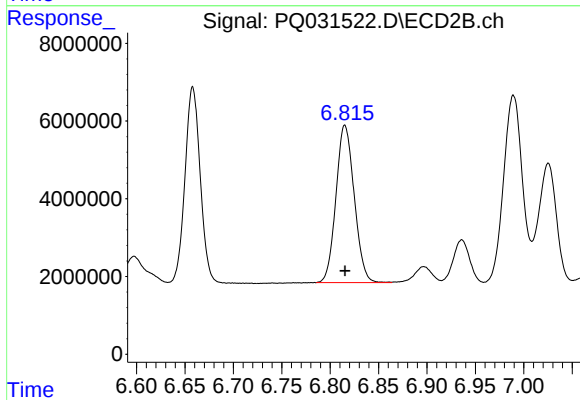
R.T.: 6.658 min
Delta R.T.: 0.000 min
Response: 55101556
Conc: 345.39 ng/ml



#33 AR-1260-3

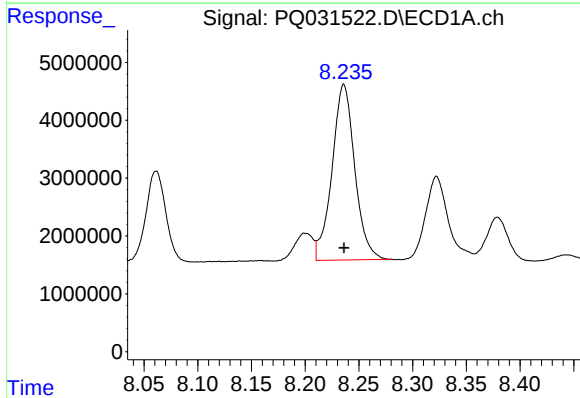
R.T.: 7.929 min
Delta R.T.: 0.000 min
Response: 81547269
Conc: 375.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



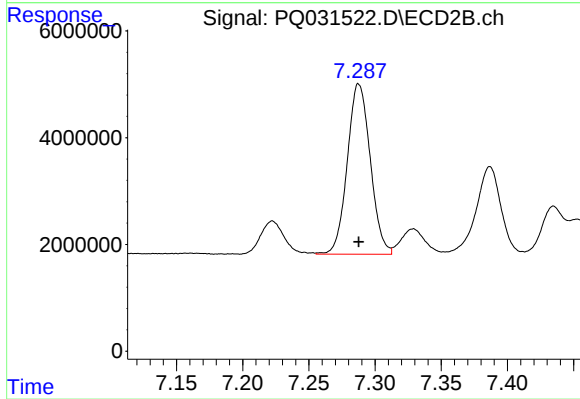
#33 AR-1260-3

R.T.: 6.815 min
Delta R.T.: 0.000 min
Response: 53297817
Conc: 353.54 ng/ml



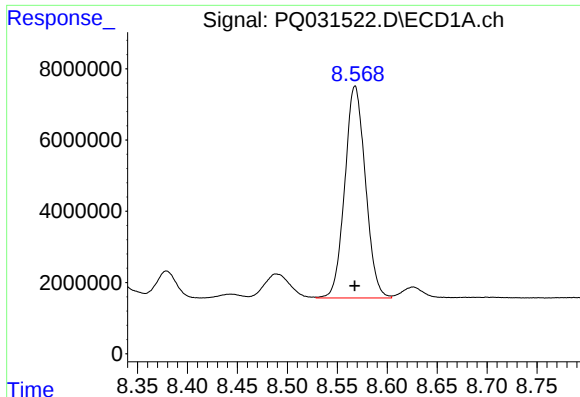
#34 AR-1260-4

R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 44746665
Conc: 282.70 ng/ml



#34 AR-1260-4

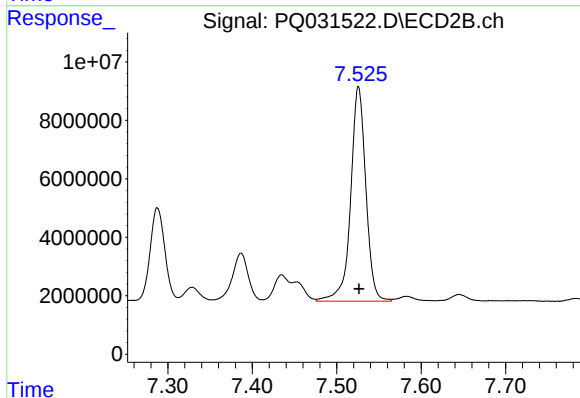
R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 38605743
Conc: 307.88 ng/ml



#35 AR-1260-5

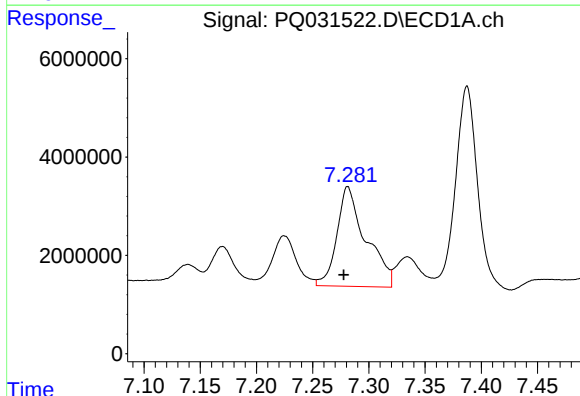
R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 85559951
Conc: 266.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



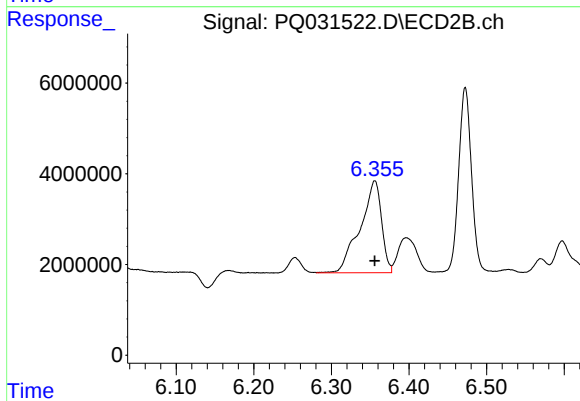
#35 AR-1260-5

R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 91902283
Conc: 304.02 ng/ml



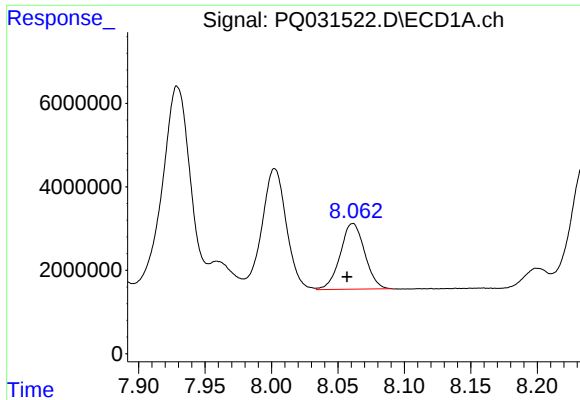
#36 AR-1262-1

R.T.: 7.282 min
Delta R.T.: 0.004 min
Response: 36404921
Conc: 449.13 ng/ml



#36 AR-1262-1

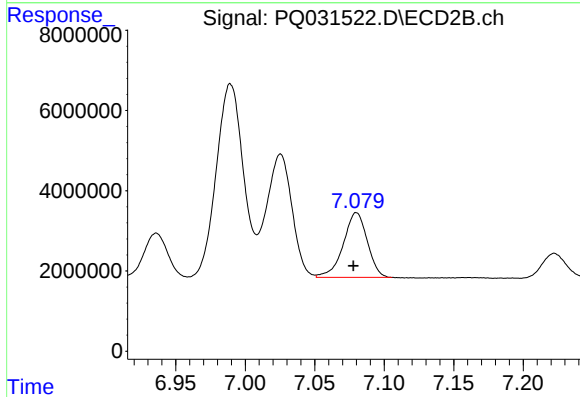
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 38899976
Conc: 520.00 ng/ml



#37 AR-1262-2

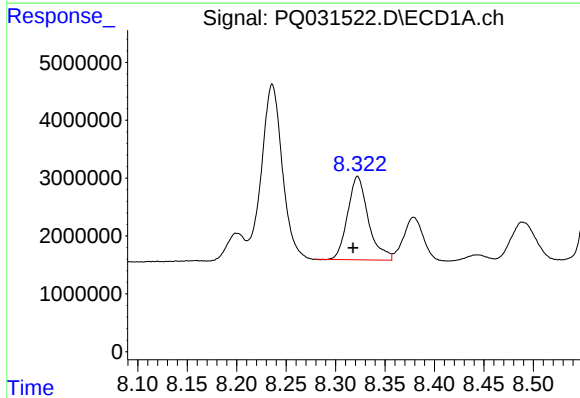
R.T.: 8.061 min
Delta R.T.: 0.004 min
Response: 20269752
Conc: 249.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



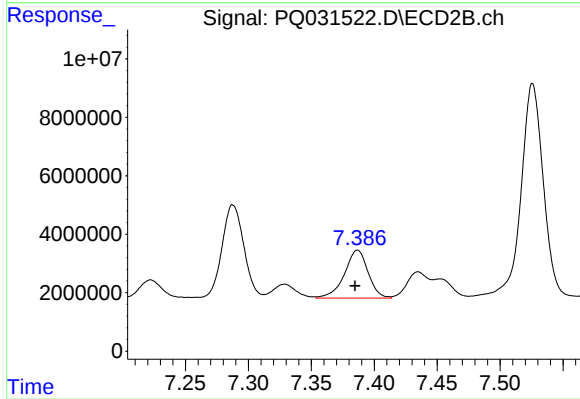
#37 AR-1262-2

R.T.: 7.080 min
Delta R.T.: 0.002 min
Response: 19432483
Conc: 265.90 ng/ml



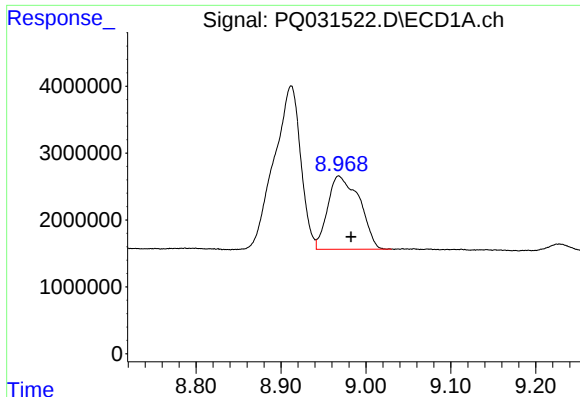
#38 AR-1262-3

R.T.: 8.322 min
Delta R.T.: 0.005 min
Response: 21051994
Conc: 232.84 ng/ml



#38 AR-1262-3

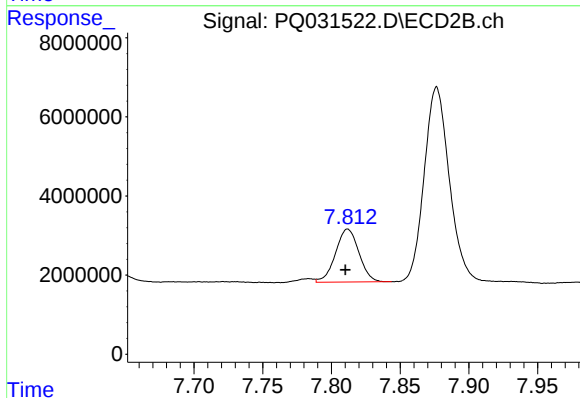
R.T.: 7.387 min
Delta R.T.: 0.002 min
Response: 21508323
Conc: 284.07 ng/ml



#39 AR-1262-4

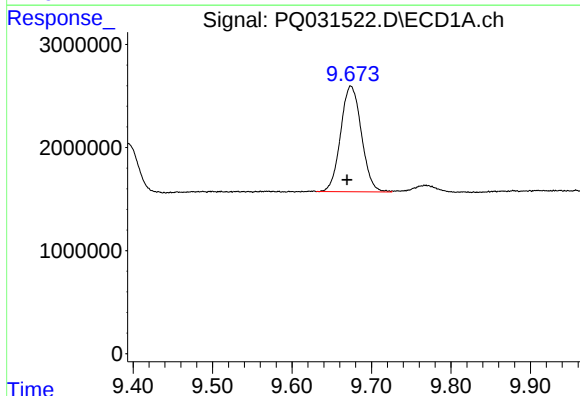
R.T.: 8.968 min
Delta R.T.: -0.014 min
Response: 28454680
Conc: 156.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



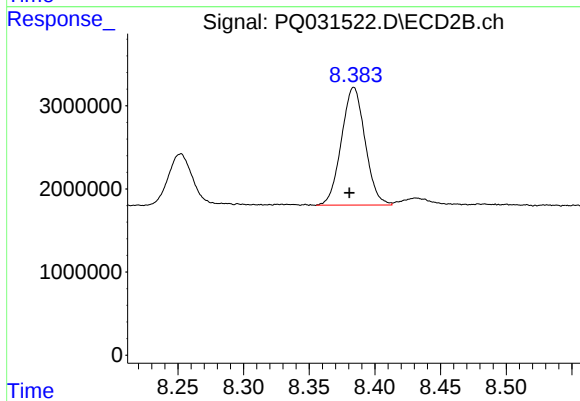
#39 AR-1262-4

R.T.: 7.812 min
Delta R.T.: 0.002 min
Response: 15898305
Conc: 112.99 ng/ml



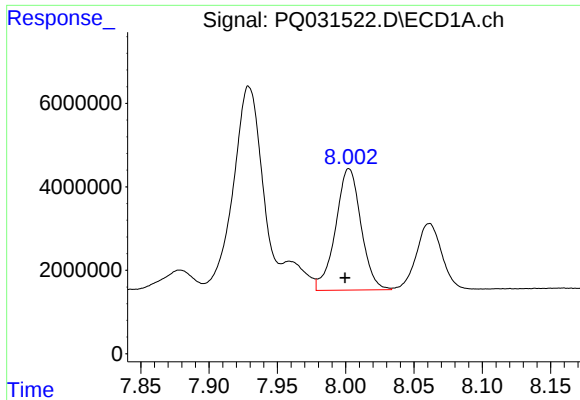
#40 AR-1262-5

R.T.: 9.674 min
Delta R.T.: 0.005 min
Response: 18613363
Conc: 144.47 ng/ml



#40 AR-1262-5

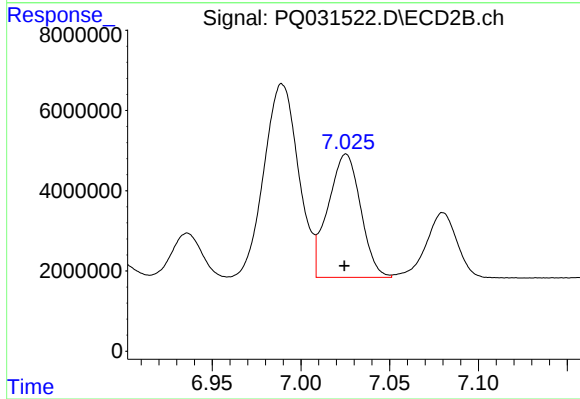
R.T.: 8.384 min
Delta R.T.: 0.003 min
Response: 17736700
Conc: 160.48 ng/ml



#41 AR-1268-1

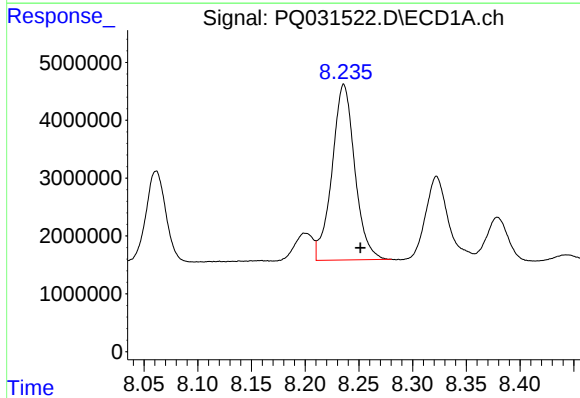
R.T.: 8.002 min
Delta R.T.: 0.003 min
Response: 37706561
Conc: 416.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



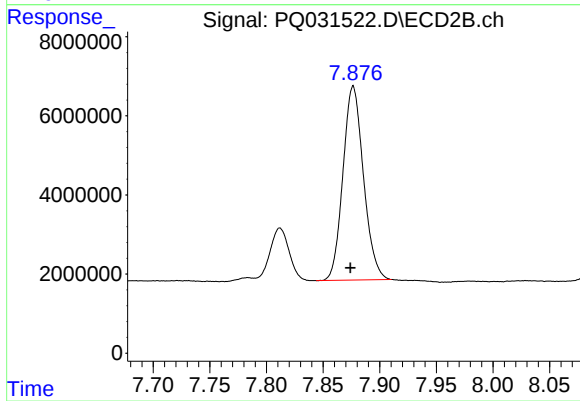
#41 AR-1268-1

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 39220751
Conc: 474.51 ng/ml



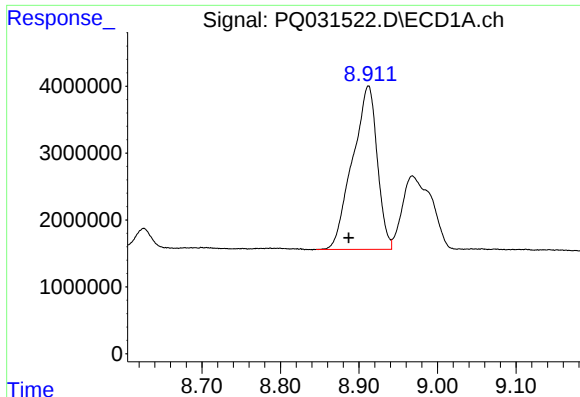
#42 AR-1268-2

R.T.: 8.236 min
Delta R.T.: -0.015 min
Response: 44746665
Conc: 377.50 ng/ml



#42 AR-1268-2

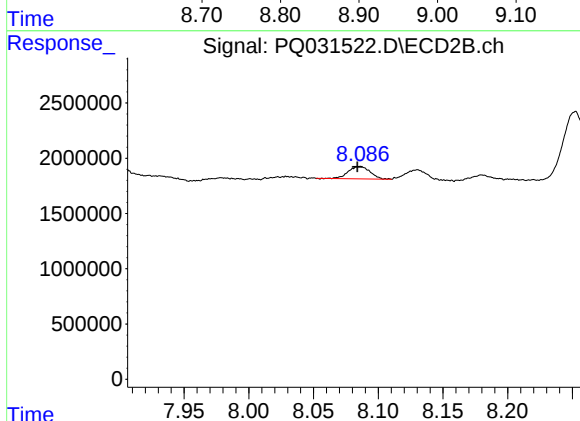
R.T.: 7.877 min
Delta R.T.: 0.002 min
Response: 61836625
Conc: 144.21 ng/ml



#43 AR-1268-3

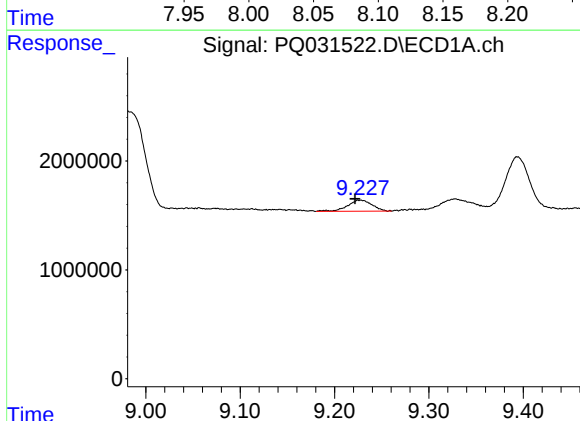
R.T.: 8.912 min
Delta R.T.: 0.025 min
Response: 53335902
Conc: 104.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



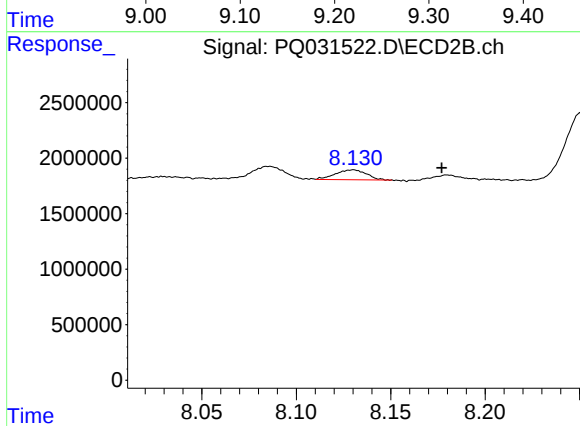
#43 AR-1268-3

R.T.: 8.085 min
Delta R.T.: 0.002 min
Response: 1321705
Conc: 3.68 ng/ml



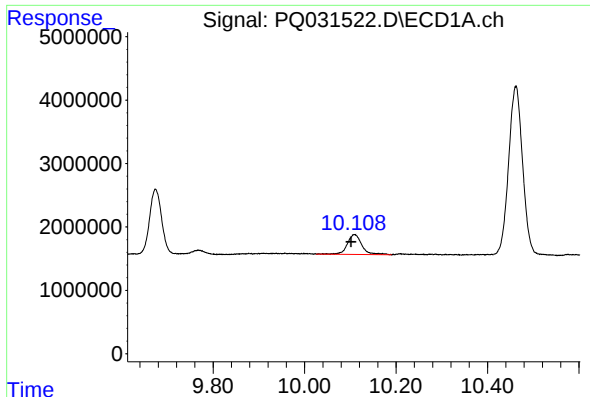
#44 AR-1268-4

R.T.: 9.228 min
Delta R.T.: 0.006 min
Response: 1814701
Conc: 4.60 ng/ml



#44 AR-1268-4

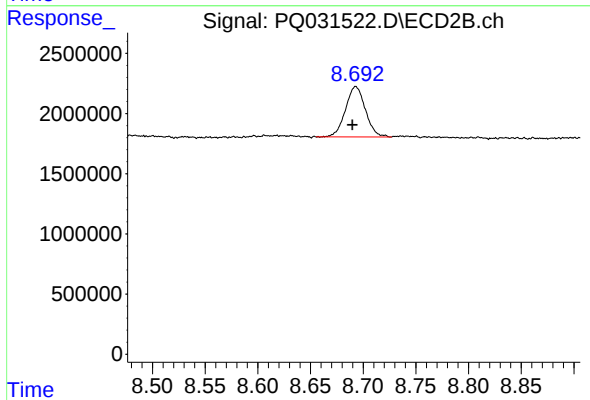
R.T.: 8.130 min
Delta R.T.: -0.047 min
Response: 1002115
Conc: 10.46 ng/ml



#45 AR-1268-5

R.T.: 10.109 min
Delta R.T.: 0.007 min
Response: 6884339
Conc: 5.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
E0AA0MSD



#45 AR-1268-5

R.T.: 8.693 min
Delta R.T.: 0.003 min
Response: 5504993
Conc: 5.12 ng/ml