

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ043021\
 Data File : PQ053314.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Apr 2021 14:46
 Operator : DD\AJ
 Sample : PB136091BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 04:28:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 07:47:07 2021
 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...	5.221	4.238	526.6E6	212.1E6	18.768	18.238
2)	SA Decachlor...	11.410	9.576	919.4E6	363.5E6	32.508	29.203
Target Compounds							
3)	L1 AR-1016-1	6.546	5.495	105.6E6	42830772	108.337	97.253
4)	L1 AR-1016-2	6.569	5.515	154.5E6	62149014	106.247	98.231
5)	L1 AR-1016-3	6.636	5.708	102.4E6	32221293	116.506	97.708
6)	L1 AR-1016-4	6.744	5.758	77916975	25085121	107.560	96.235
7)	L1 AR-1016-5	7.058	5.989	67035124	29477529	97.055	88.699
8)	L2 AR-1221-1	5.466	4.494	8767138	3884891	28.827	30.464
9)	L2 AR-1221-2	5.573	4.595	14572468	6911638	70.623	77.785
10)	L2 AR-1221-3	5.658	4.683	47063850	21848856	67.800	70.750
11)	L3 AR-1232-1	5.658	4.683	47063850	21848856	90.625	95.713
12)	L3 AR-1232-2	6.250	5.515	73197177	62149014	261.406	254.378
13)	L3 AR-1232-3	6.569	5.708	154.5E6	32221293	269.470	263.458
14)	L3 AR-1232-4	6.744	5.803	77916975	30199196	272.427	288.435
15)	L3 AR-1232-5	6.839	5.989	63047625	29477529	308.962	251.315
16)	L4 AR-1242-1	6.546	5.495	105.6E6	42830772	116.405	106.855
17)	L4 AR-1242-2	6.569	5.515	154.5E6	62149014	113.755	106.551
18)	L4 AR-1242-3	6.636	5.708	102.4E6	32221293	124.118	106.362
19)	L4 AR-1242-4	6.744	5.803	77916975	30199196	113.730	106.167
20)	L4 AR-1242-5	7.526	6.367	9762583	26007649	13.382	65.647 #
21)	L5 AR-1248-1	6.546	5.495	105.6E6	42830772	170.583	157.250
22)	L5 AR-1248-2	6.839	5.758	63047625	25085121	72.287	67.465
23)	L5 AR-1248-3	7.058	5.803	67035124	30199196	68.387	79.098
24)	L5 AR-1248-4	7.486	5.989	9512553	29477529	8.324	63.055 #
25)	L5 AR-1248-5	7.526	6.411	9762583	3425920	8.566	6.962
26)	L6 AR-1254-1	7.455	6.367	47870226	26007649	30.451	24.256
27)	L6 AR-1254-2	7.682	6.526	54123688	25347245	22.107	26.574
28)	L6 AR-1254-3	8.067	6.965	30410929	48292014	11.556	31.180 #
29)	L6 AR-1254-4	8.361	7.187	17498391	5797213	9.092	5.537 #
30)	L6 AR-1254-5	8.790	7.614	166.6E6	93398135	81.423	64.006
31)	L7 AR-1260-1	8.233	7.084	120.7E6	66831445	104.852	103.130
32)	L7 AR-1260-2	8.496	7.280	140.0E6	93229051	100.514	100.575
33)	L7 AR-1260-3	8.863	7.435	92253622	74889205	86.162	96.245
34)	L7 AR-1260-4	9.106	7.918	105.9E6	53720671	87.451	79.128
35)	L7 AR-1260-5	9.452	8.165	213.6E6	144.0E6	83.488	77.857
36)	L8 AR-1262-1	8.863	7.614	92253622	93398135	46.125	152.364 #
37)	L8 AR-1262-2	9.452	8.165	213.6E6	144.0E6	57.564	56.686
38)	L8 AR-1262-3	9.785	8.451	42974809	31784617	17.124	31.287 #
39)	L8 AR-1262-4	9.865	8.514	83410867	92658419	41.734	53.784 #
40)	L8 AR-1262-5	10.598	9.018	59066197	26821366	41.673	34.458
41)	L9 AR-1268-1	9.785	8.451	42974809	31784617	9.659	10.853

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 Acq On : 30 Apr 2021 14:46
 Operator : DD\AJ
 Sample : PB136091BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

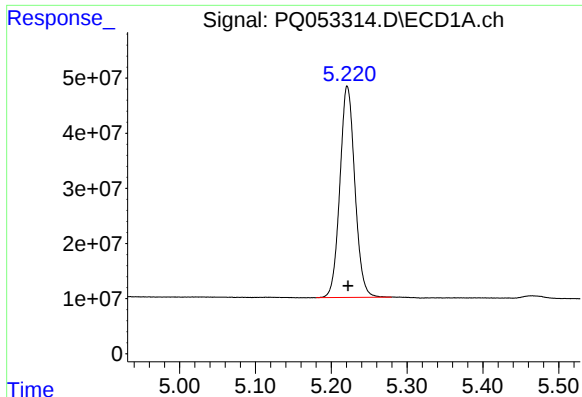
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 01 04:28:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 07:47:07 2021
 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	9.865	8.514	83410867	92658419	19.453	37.216 #
43) L9	AR-1268-3	10.129	8.726	13757024	2537080	3.618	1.170 #
44) L9	AR-1268-4	10.598	9.018	59066197	26821366	38.370	31.443
45) L9	AR-1268-5	11.045	9.317	111.6E6	9672237	8.668	1.560 #

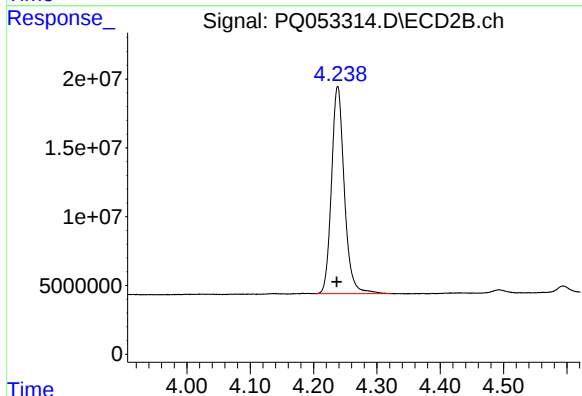
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

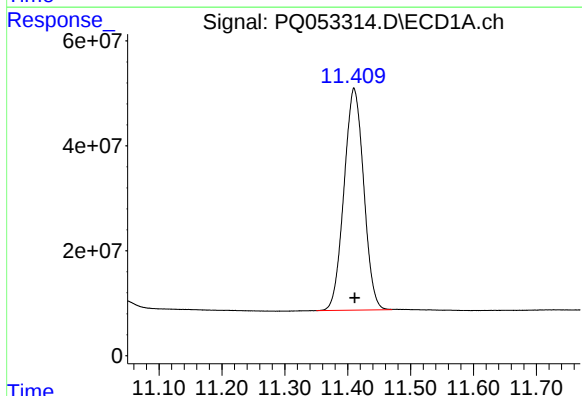
R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 526610913
Conc: 18.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



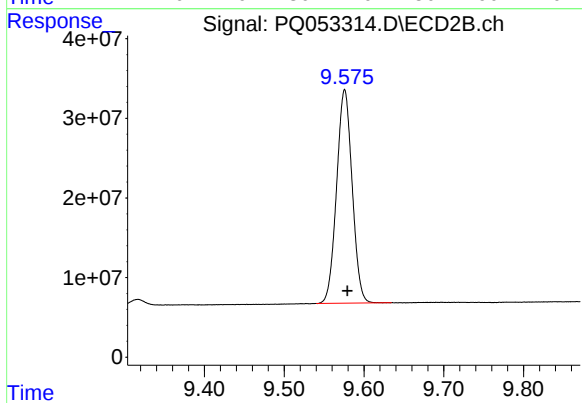
#1 Tetrachloro-m-xylene

R.T.: 4.238 min
Delta R.T.: 0.002 min
Response: 212081381
Conc: 18.24 ng/ml



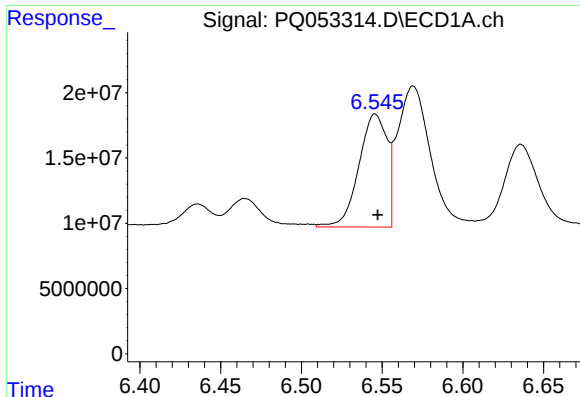
#2 Decachlorobiphenyl

R.T.: 11.410 min
Delta R.T.: -0.001 min
Response: 919380060
Conc: 32.51 ng/ml



#2 Decachlorobiphenyl

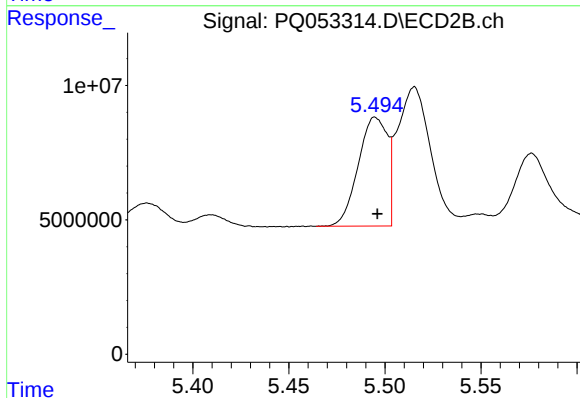
R.T.: 9.576 min
Delta R.T.: -0.003 min
Response: 363470708
Conc: 29.20 ng/ml



#3 AR-1016-1

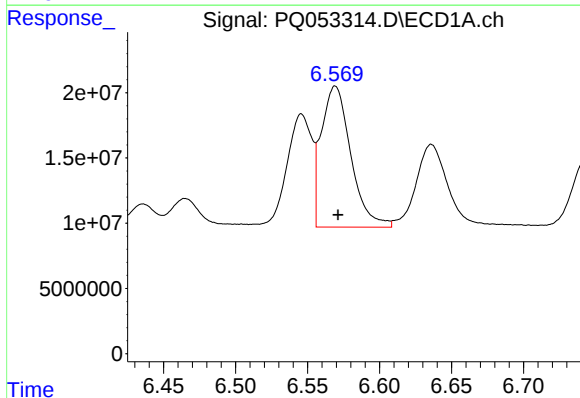
R.T.: 6.546 min
Delta R.T.: -0.001 min
Response: 105553056
Conc: 108.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



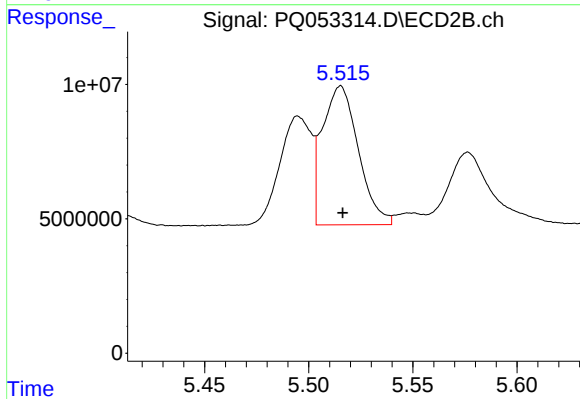
#3 AR-1016-1

R.T.: 5.495 min
Delta R.T.: -0.001 min
Response: 42830772
Conc: 97.25 ng/ml



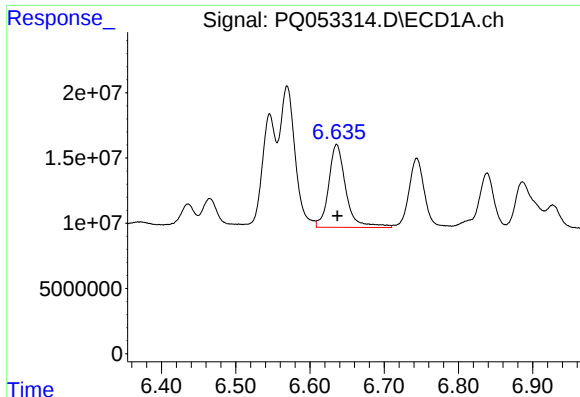
#4 AR-1016-2

R.T.: 6.569 min
Delta R.T.: -0.002 min
Response: 154493807
Conc: 106.25 ng/ml



#4 AR-1016-2

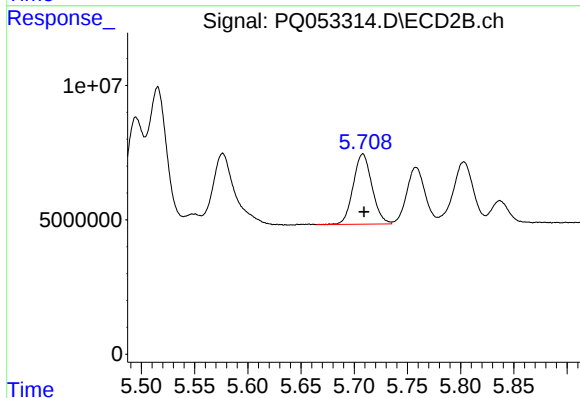
R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 62149014
Conc: 98.23 ng/ml



#5 AR-1016-3

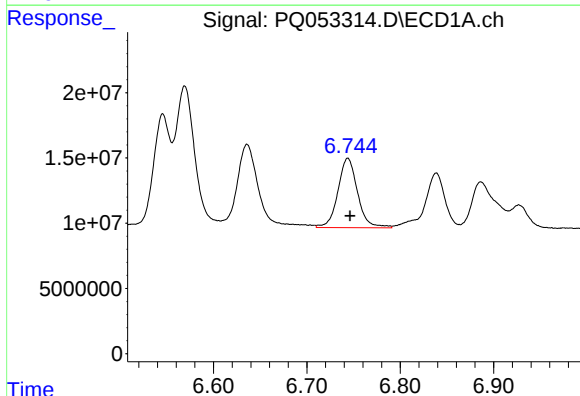
R.T.: 6.636 min
Delta R.T.: -0.001 min
Response: 102427957
Conc: 116.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



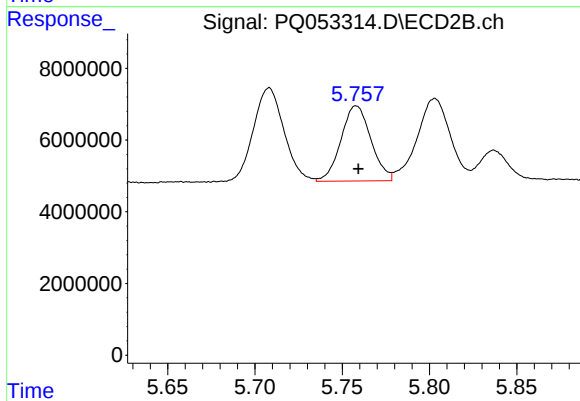
#5 AR-1016-3

R.T.: 5.708 min
Delta R.T.: -0.001 min
Response: 32221293
Conc: 97.71 ng/ml



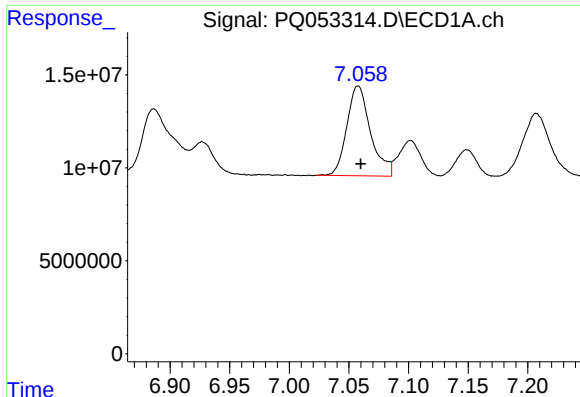
#6 AR-1016-4

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 77916975
Conc: 107.56 ng/ml



#6 AR-1016-4

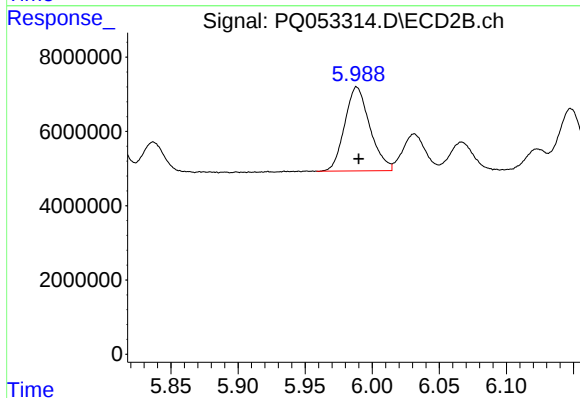
R.T.: 5.758 min
Delta R.T.: -0.001 min
Response: 25085121
Conc: 96.24 ng/ml



#7 AR-1016-5

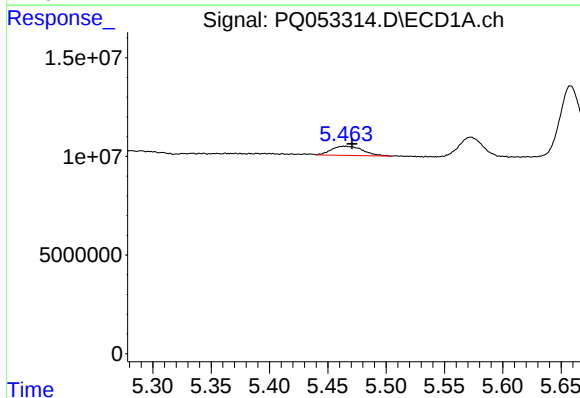
R.T.: 7.058 min
Delta R.T.: -0.002 min
Response: 67035124
Conc: 97.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



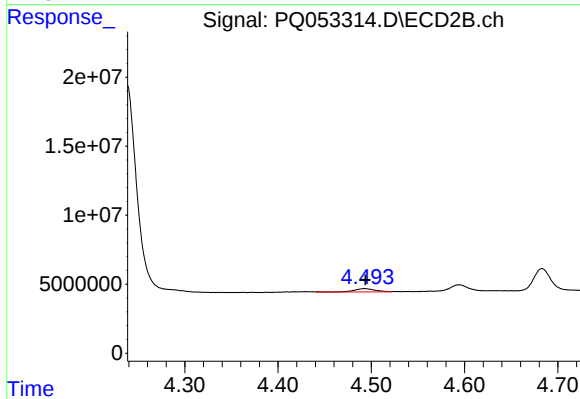
#7 AR-1016-5

R.T.: 5.989 min
Delta R.T.: -0.001 min
Response: 29477529
Conc: 88.70 ng/ml



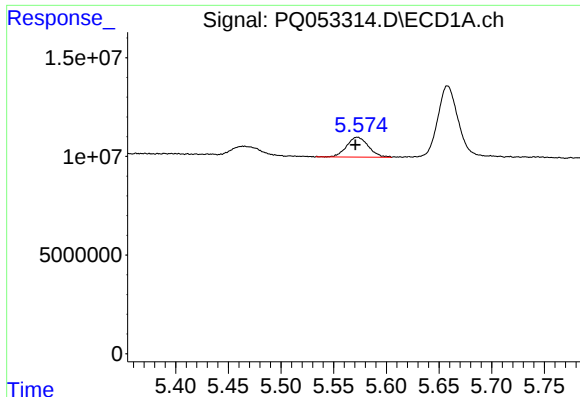
#8 AR-1221-1

R.T.: 5.466 min
Delta R.T.: -0.005 min
Response: 8767138
Conc: 28.83 ng/ml



#8 AR-1221-1

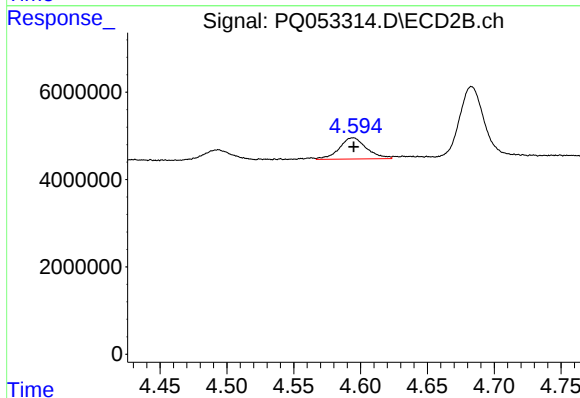
R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 3884891
Conc: 30.46 ng/ml



#9 AR-1221-2

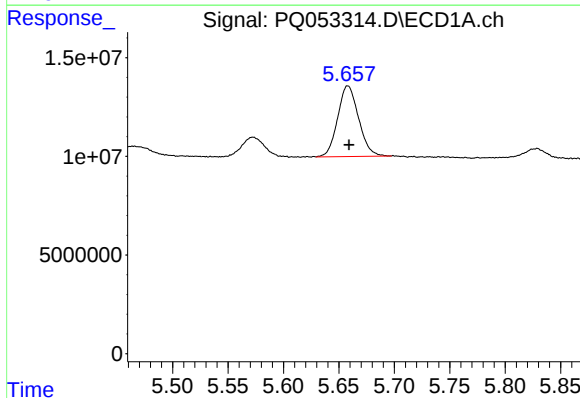
R.T.: 5.573 min
Delta R.T.: 0.002 min
Response: 14572468
Conc: 70.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



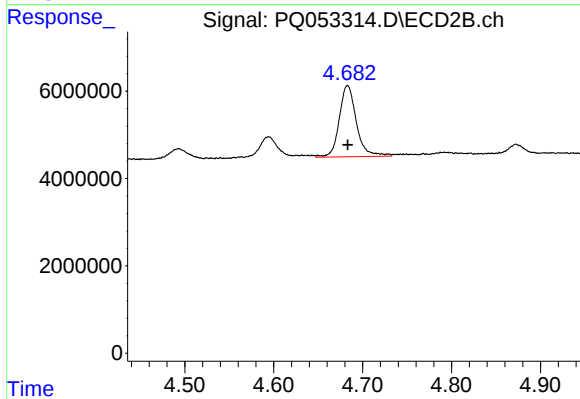
#9 AR-1221-2

R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 6911638
Conc: 77.79 ng/ml



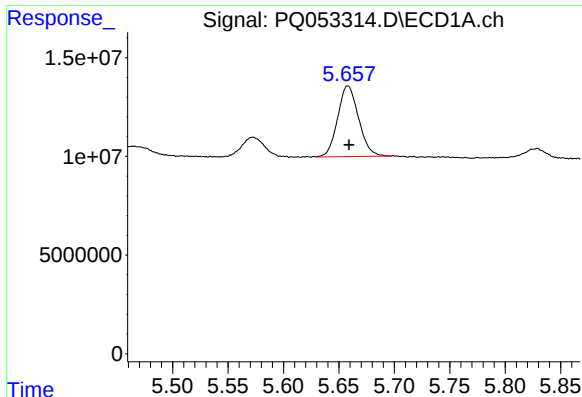
#10 AR-1221-3

R.T.: 5.658 min
Delta R.T.: -0.001 min
Response: 47063850
Conc: 67.80 ng/ml



#10 AR-1221-3

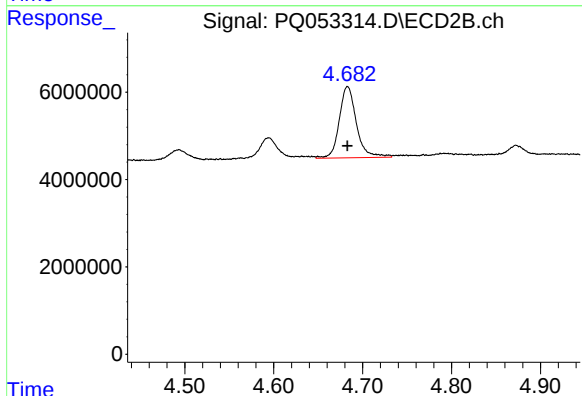
R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 21848856
Conc: 70.75 ng/ml



#11 AR-1232-1

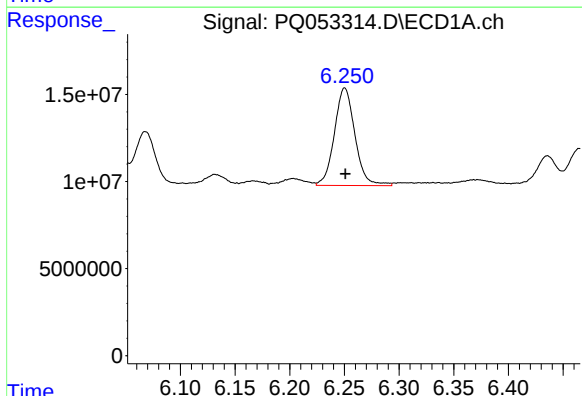
R.T.: 5.658 min
Delta R.T.: -0.001 min
Response: 47063850
Conc: 90.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



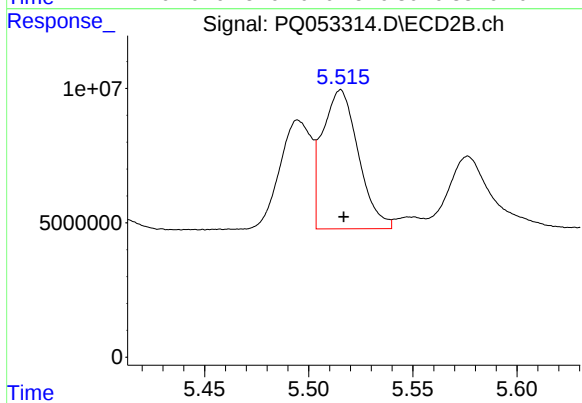
#11 AR-1232-1

R.T.: 4.683 min
Delta R.T.: 0.000 min
Response: 21848856
Conc: 95.71 ng/ml



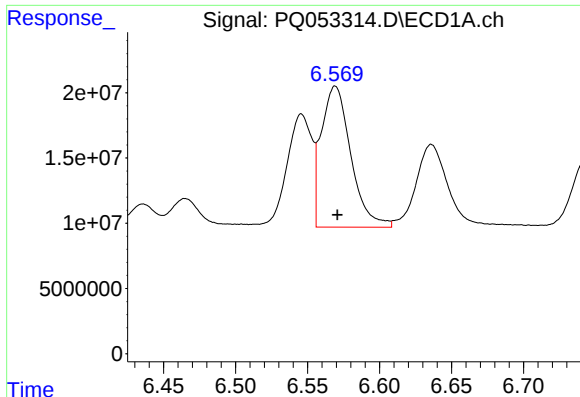
#12 AR-1232-2

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 73197177
Conc: 261.41 ng/ml



#12 AR-1232-2

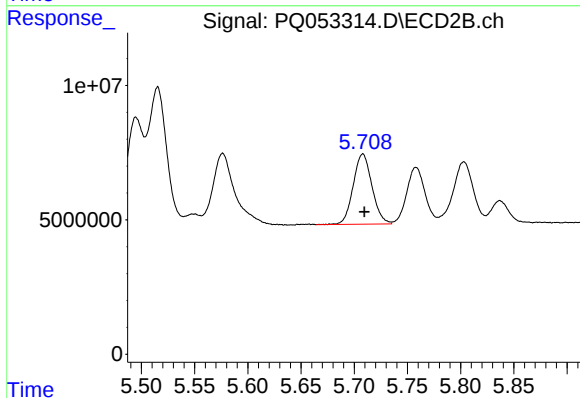
R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 62149014
Conc: 254.38 ng/ml



#13 AR-1232-3

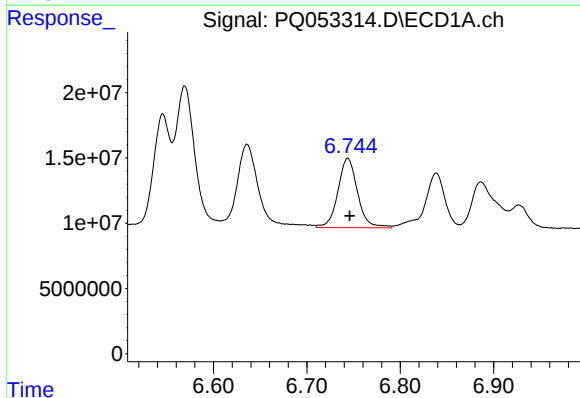
R.T.: 6.569 min
Delta R.T.: -0.001 min
Response: 154493807
Conc: 269.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



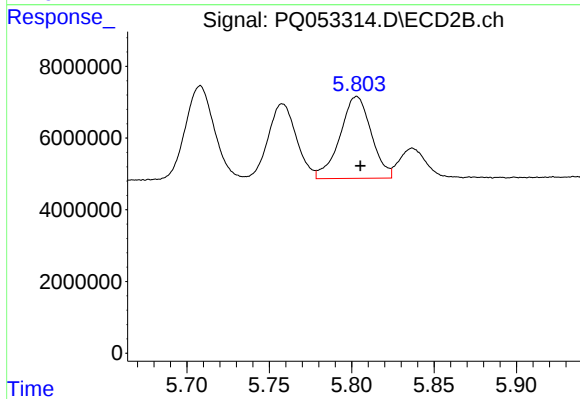
#13 AR-1232-3

R.T.: 5.708 min
Delta R.T.: -0.001 min
Response: 32221293
Conc: 263.46 ng/ml



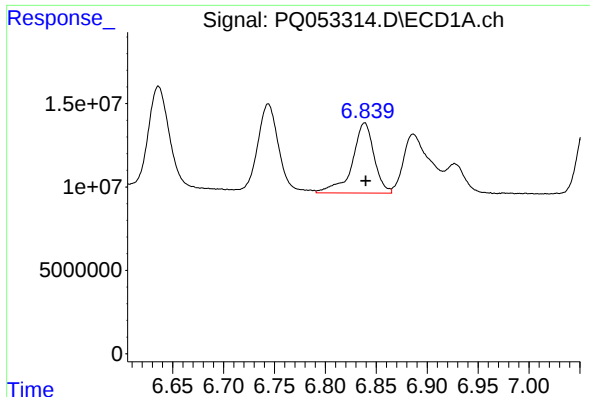
#14 AR-1232-4

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 77916975
Conc: 272.43 ng/ml



#14 AR-1232-4

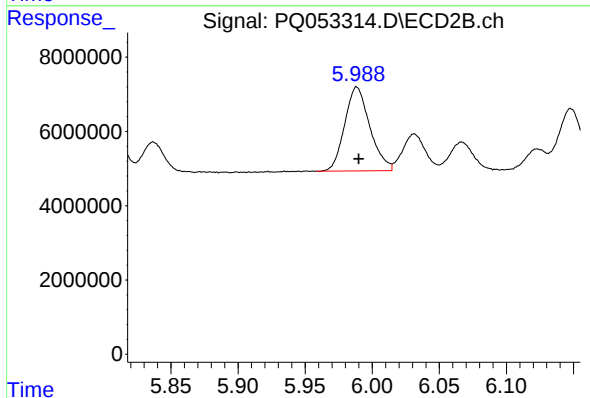
R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 30199196
Conc: 288.44 ng/ml



#15 AR-1232-5

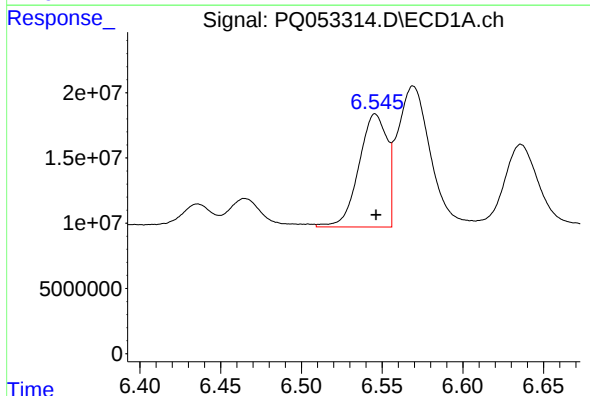
R.T.: 6.839 min
Delta R.T.: -0.001 min
Response: 63047625
Conc: 308.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



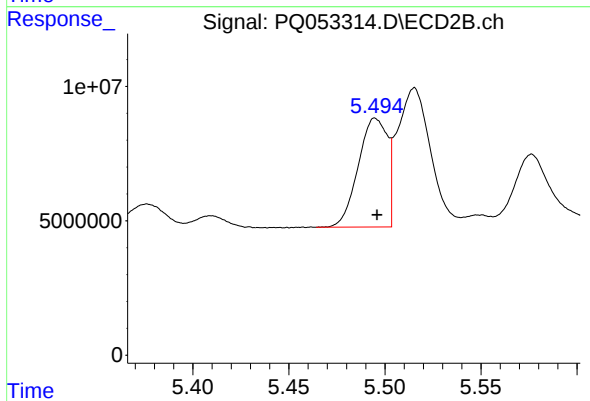
#15 AR-1232-5

R.T.: 5.989 min
Delta R.T.: -0.001 min
Response: 29477529
Conc: 251.31 ng/ml



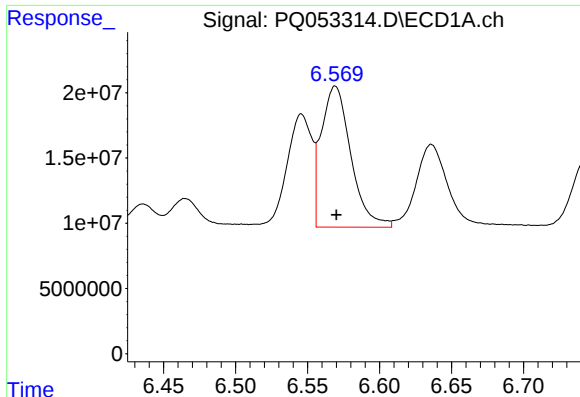
#16 AR-1242-1

R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 105553056
Conc: 116.40 ng/ml



#16 AR-1242-1

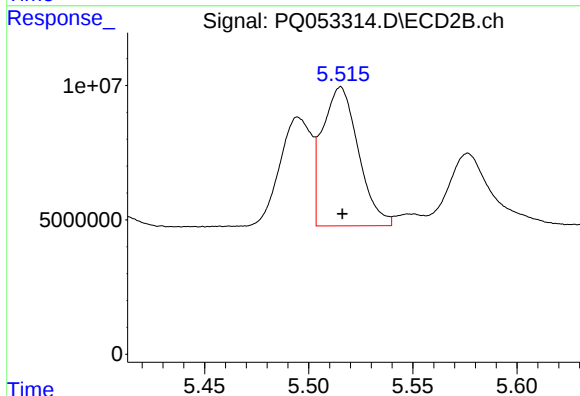
R.T.: 5.495 min
Delta R.T.: -0.001 min
Response: 42830772
Conc: 106.85 ng/ml



#17 AR-1242-2

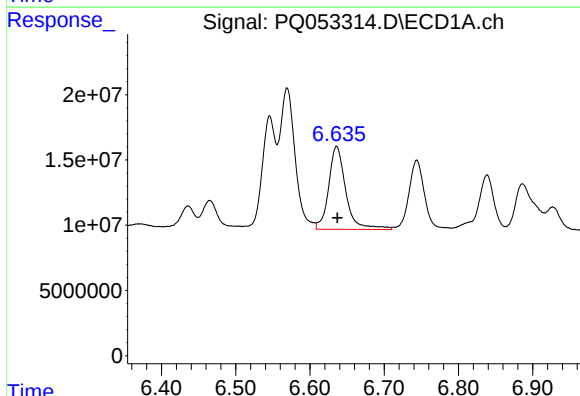
R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 154493807
Conc: 113.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



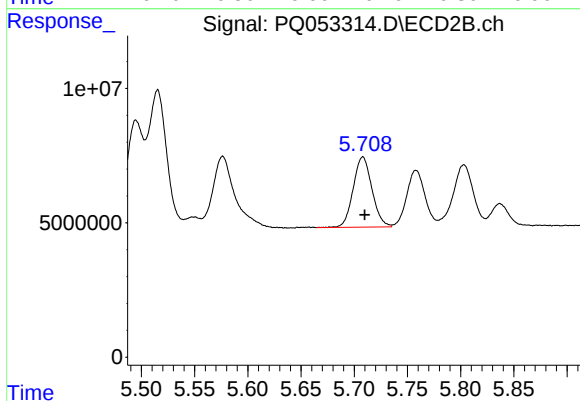
#17 AR-1242-2

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 62149014
Conc: 106.55 ng/ml



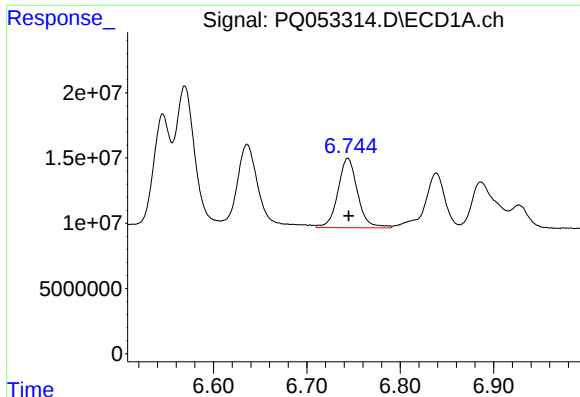
#18 AR-1242-3

R.T.: 6.636 min
Delta R.T.: 0.000 min
Response: 102427957
Conc: 124.12 ng/ml



#18 AR-1242-3

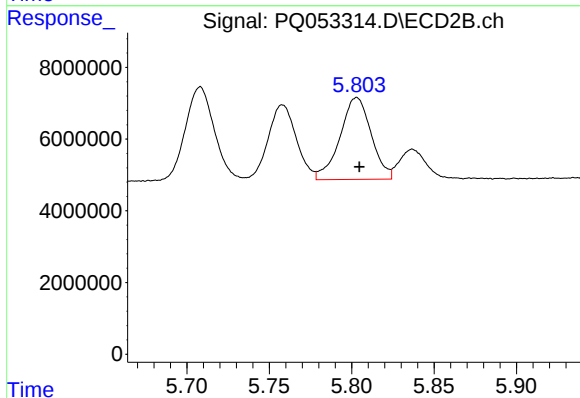
R.T.: 5.708 min
Delta R.T.: -0.001 min
Response: 32221293
Conc: 106.36 ng/ml



#19 AR-1242-4

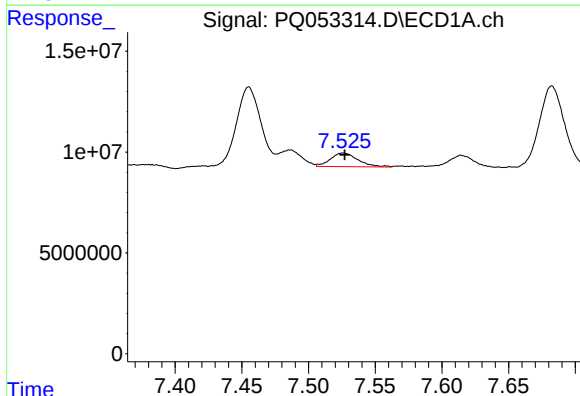
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 77916975
Conc: 113.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



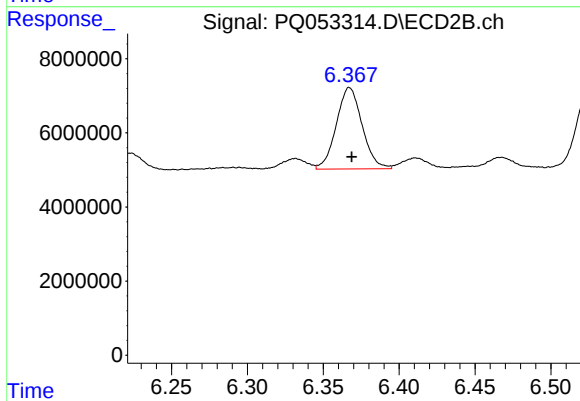
#19 AR-1242-4

R.T.: 5.803 min
Delta R.T.: -0.001 min
Response: 30199196
Conc: 106.17 ng/ml



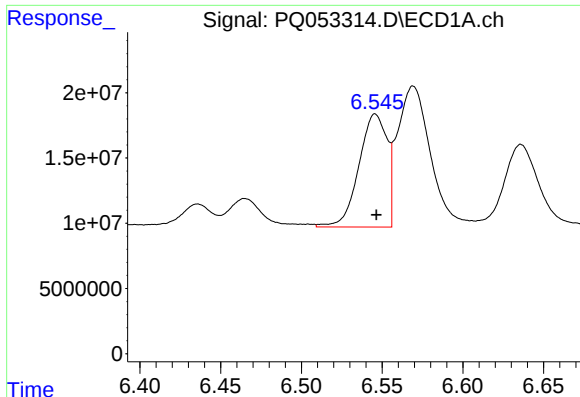
#20 AR-1242-5

R.T.: 7.526 min
Delta R.T.: -0.001 min
Response: 9762583
Conc: 13.38 ng/ml



#20 AR-1242-5

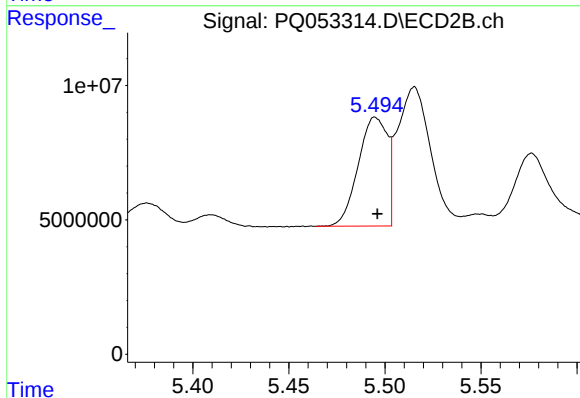
R.T.: 6.367 min
Delta R.T.: -0.001 min
Response: 26007649
Conc: 65.65 ng/ml



#21 AR-1248-1

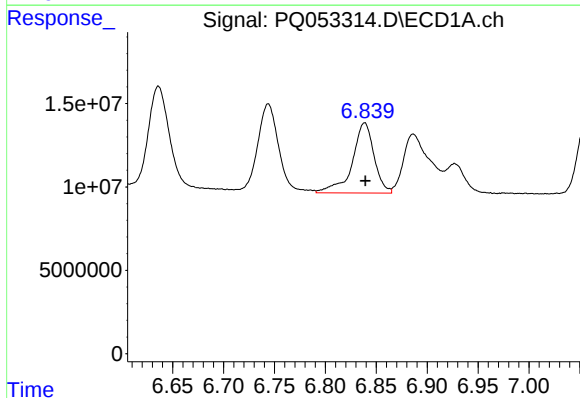
R.T.: 6.546 min
Delta R.T.: 0.000 min
Response: 105553056
Conc: 170.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



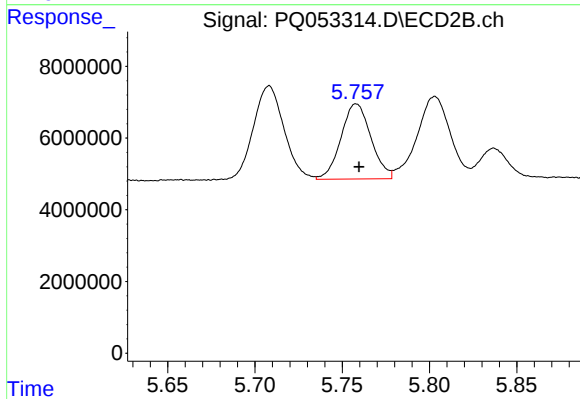
#21 AR-1248-1

R.T.: 5.495 min
Delta R.T.: -0.001 min
Response: 42830772
Conc: 157.25 ng/ml



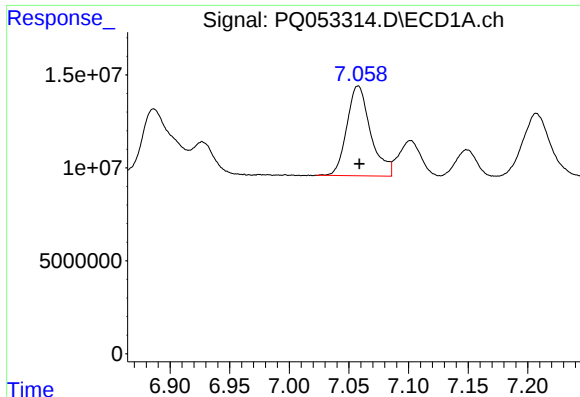
#22 AR-1248-2

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 63047625
Conc: 72.29 ng/ml



#22 AR-1248-2

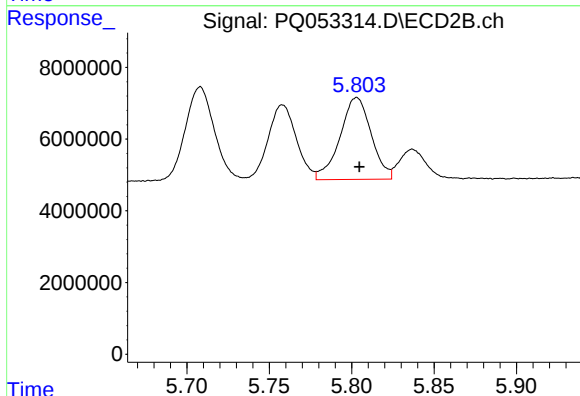
R.T.: 5.758 min
Delta R.T.: -0.002 min
Response: 25085121
Conc: 67.46 ng/ml



#23 AR-1248-3

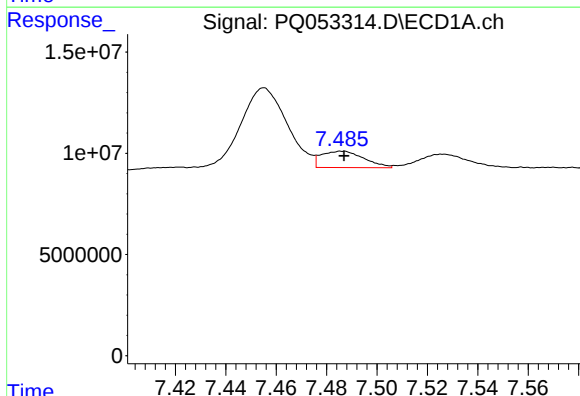
R.T.: 7.058 min
Delta R.T.: -0.001 min
Response: 67035124
Conc: 68.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



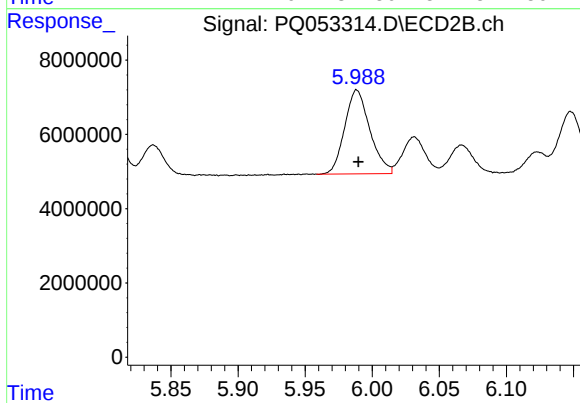
#23 AR-1248-3

R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 30199196
Conc: 79.10 ng/ml



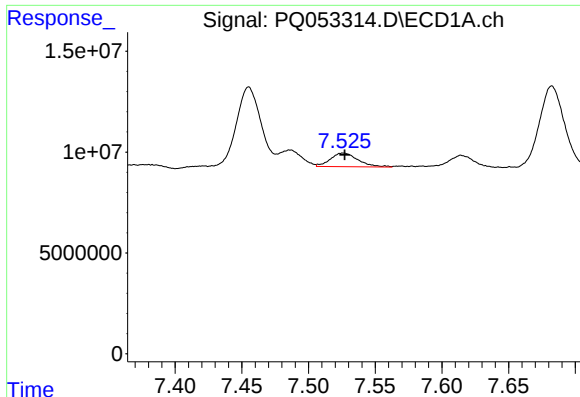
#24 AR-1248-4

R.T.: 7.486 min
Delta R.T.: 0.000 min
Response: 9512553
Conc: 8.32 ng/ml



#24 AR-1248-4

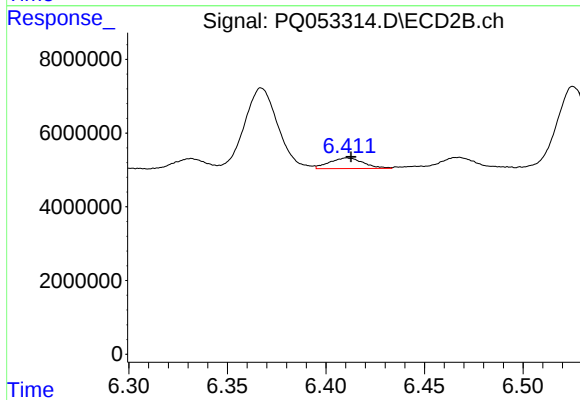
R.T.: 5.989 min
Delta R.T.: -0.001 min
Response: 29477529
Conc: 63.05 ng/ml



#25 AR-1248-5

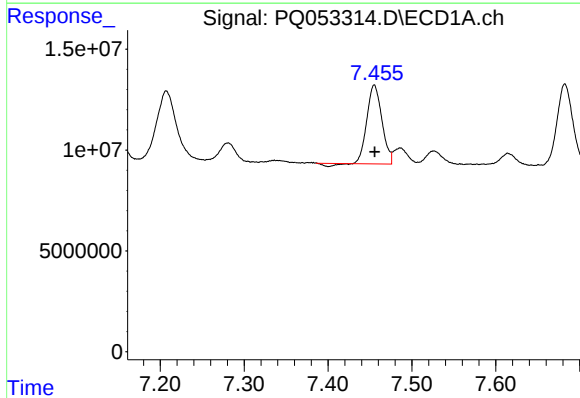
R.T.: 7.526 min
Delta R.T.: 0.000 min
Response: 9762583
Conc: 8.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



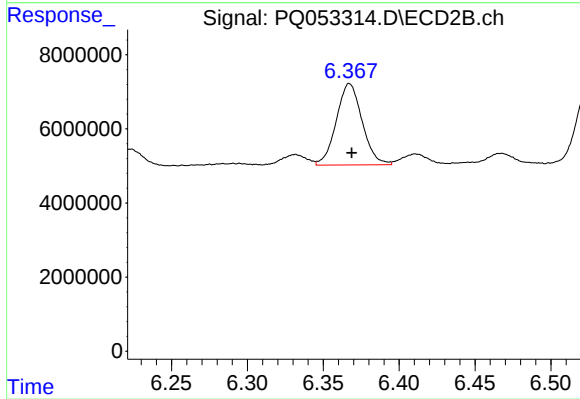
#25 AR-1248-5

R.T.: 6.411 min
Delta R.T.: -0.002 min
Response: 3425920
Conc: 6.96 ng/ml



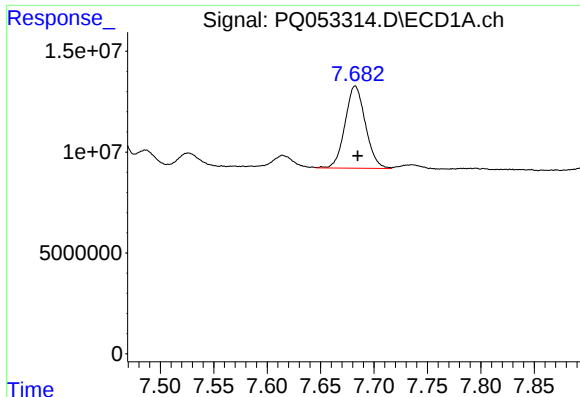
#26 AR-1254-1

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 47870226
Conc: 30.45 ng/ml



#26 AR-1254-1

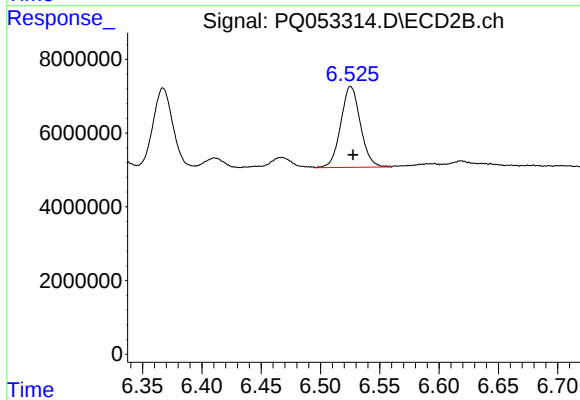
R.T.: 6.367 min
Delta R.T.: -0.001 min
Response: 26007649
Conc: 24.26 ng/ml



#27 AR-1254-2

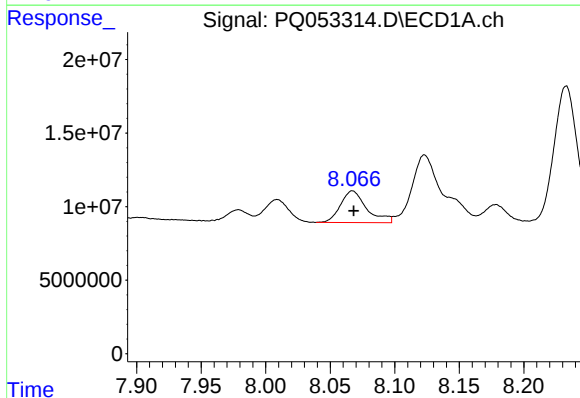
R.T.: 7.682 min
Delta R.T.: -0.003 min
Response: 54123688
Conc: 22.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



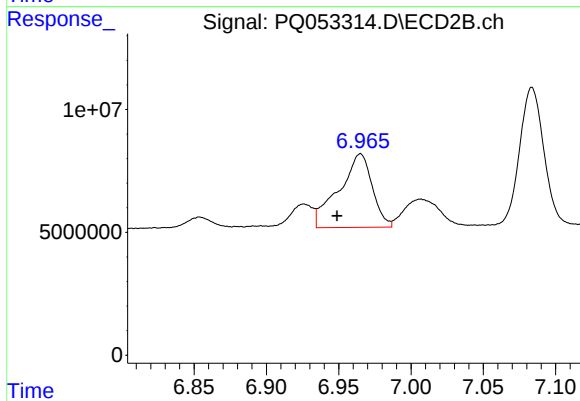
#27 AR-1254-2

R.T.: 6.526 min
Delta R.T.: -0.002 min
Response: 25347245
Conc: 26.57 ng/ml



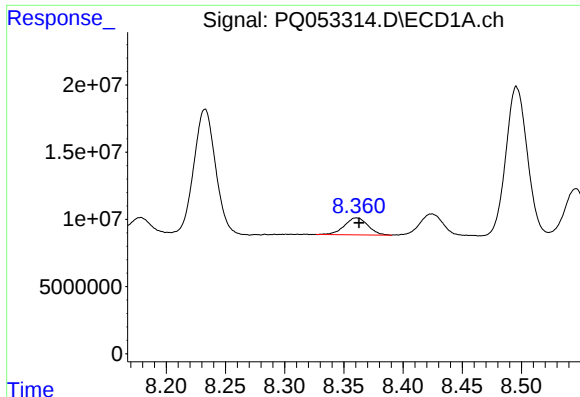
#28 AR-1254-3

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 30410929
Conc: 11.56 ng/ml



#28 AR-1254-3

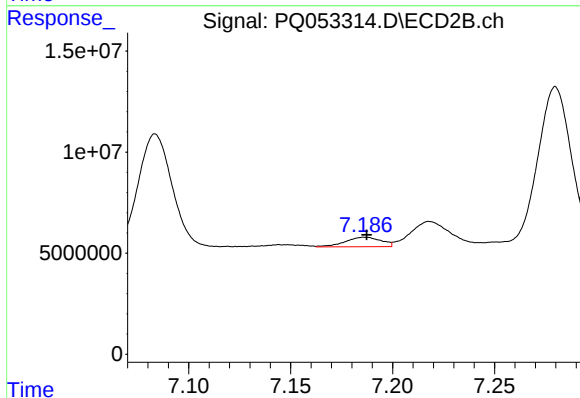
R.T.: 6.965 min
Delta R.T.: 0.016 min
Response: 48292014
Conc: 31.18 ng/ml



#29 AR-1254-4

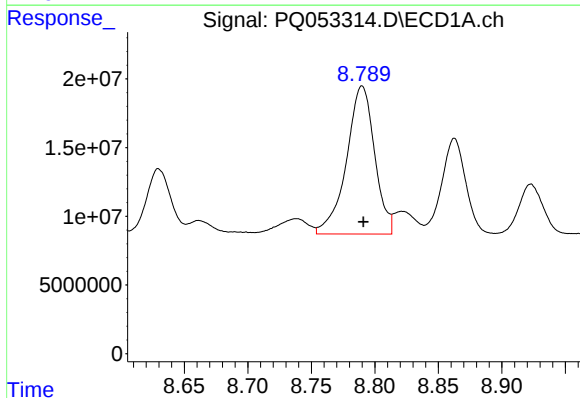
R.T.: 8.361 min
Delta R.T.: -0.002 min
Response: 17498391
Conc: 9.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



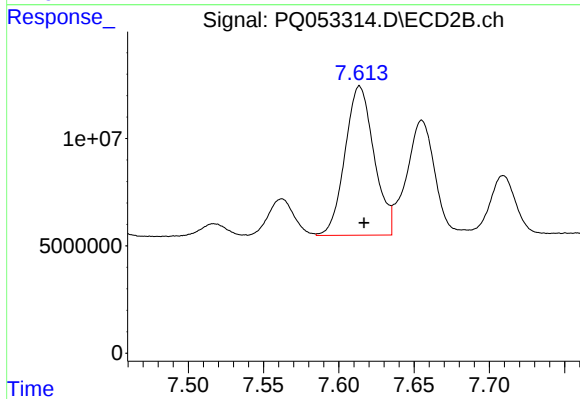
#29 AR-1254-4

R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 5797213
Conc: 5.54 ng/ml



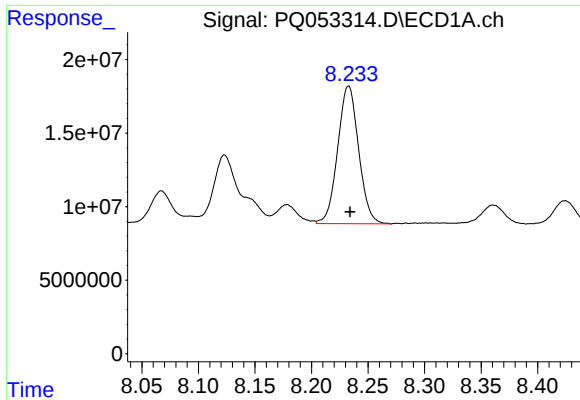
#30 AR-1254-5

R.T.: 8.790 min
Delta R.T.: 0.000 min
Response: 166562917
Conc: 81.42 ng/ml



#30 AR-1254-5

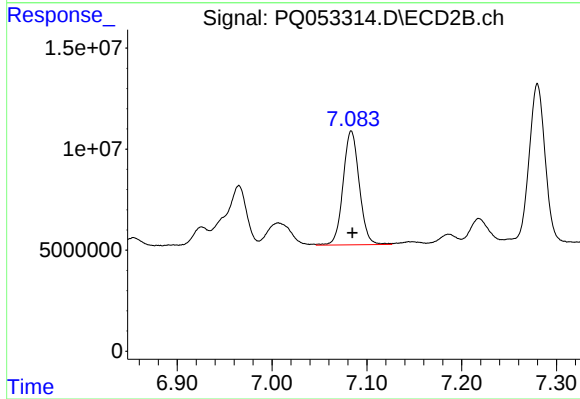
R.T.: 7.614 min
Delta R.T.: -0.003 min
Response: 93398135
Conc: 64.01 ng/ml



#31 AR-1260-1

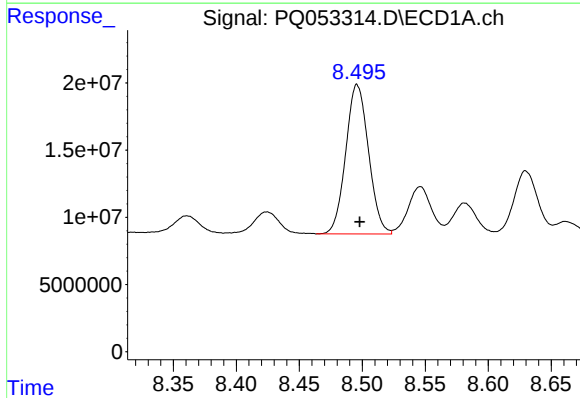
R.T.: 8.233 min
Delta R.T.: -0.001 min
Response: 120715812
Conc: 104.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



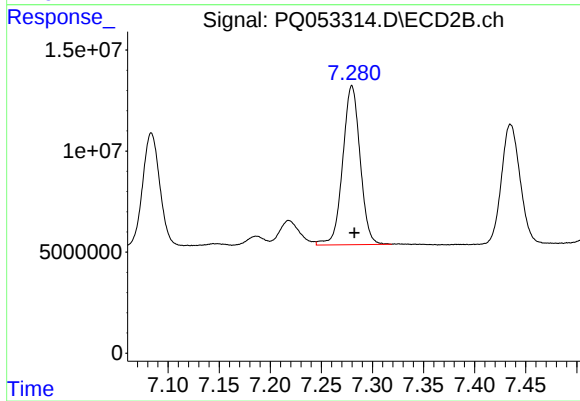
#31 AR-1260-1

R.T.: 7.084 min
Delta R.T.: 0.000 min
Response: 66831445
Conc: 103.13 ng/ml



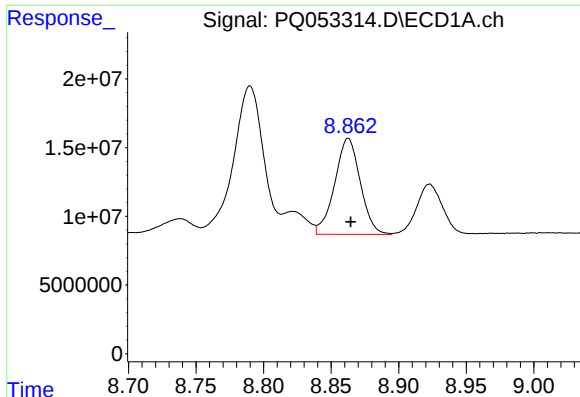
#32 AR-1260-2

R.T.: 8.496 min
Delta R.T.: -0.002 min
Response: 140044925
Conc: 100.51 ng/ml



#32 AR-1260-2

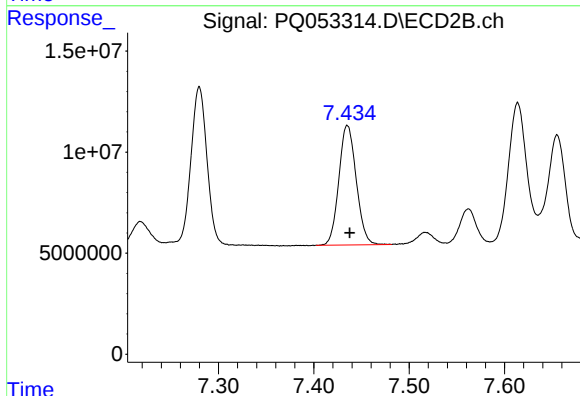
R.T.: 7.280 min
Delta R.T.: -0.002 min
Response: 93229051
Conc: 100.58 ng/ml



#33 AR-1260-3

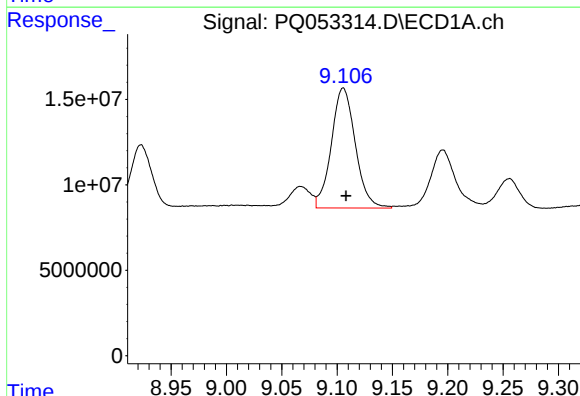
R.T.: 8.863 min
Delta R.T.: -0.002 min
Response: 92253622
Conc: 86.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



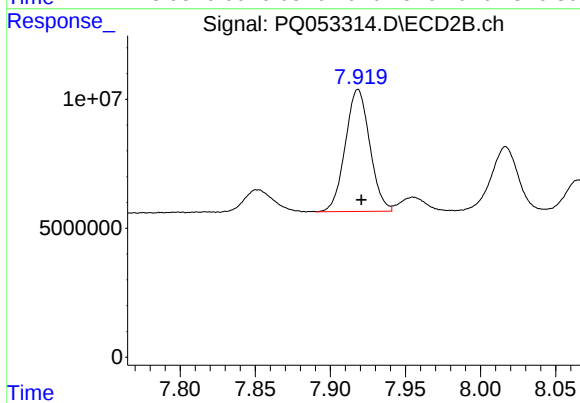
#33 AR-1260-3

R.T.: 7.435 min
Delta R.T.: -0.003 min
Response: 74889205
Conc: 96.25 ng/ml



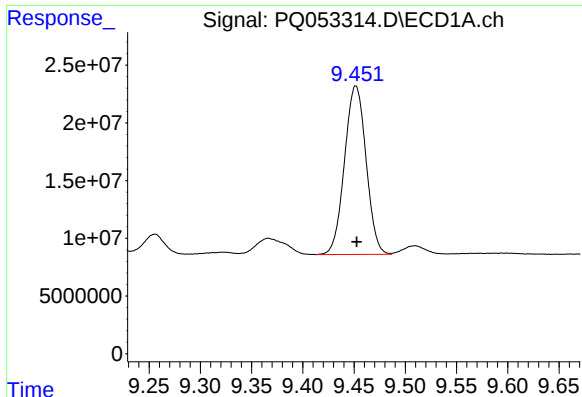
#34 AR-1260-4

R.T.: 9.106 min
Delta R.T.: -0.003 min
Response: 105893242
Conc: 87.45 ng/ml



#34 AR-1260-4

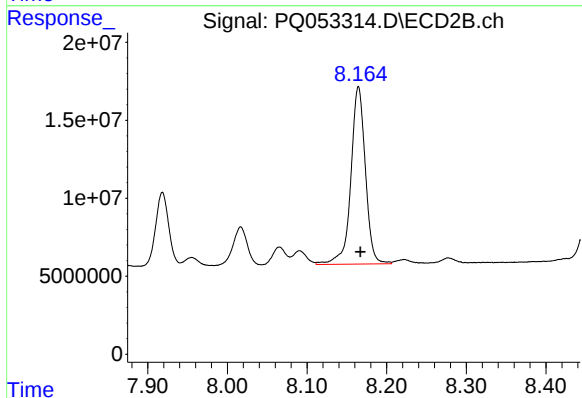
R.T.: 7.918 min
Delta R.T.: -0.002 min
Response: 53720671
Conc: 79.13 ng/ml



#35 AR-1260-5

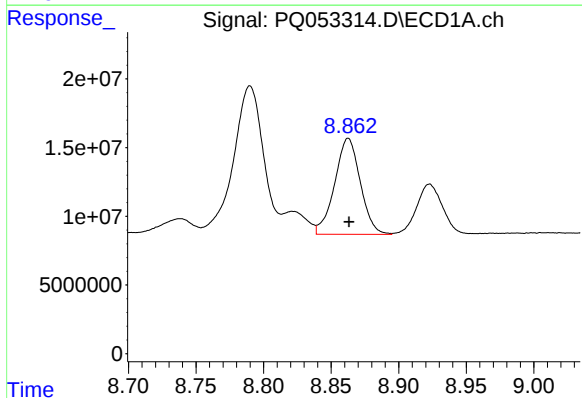
R.T.: 9.452 min
Delta R.T.: 0.000 min
Response: 213622582
Conc: 83.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



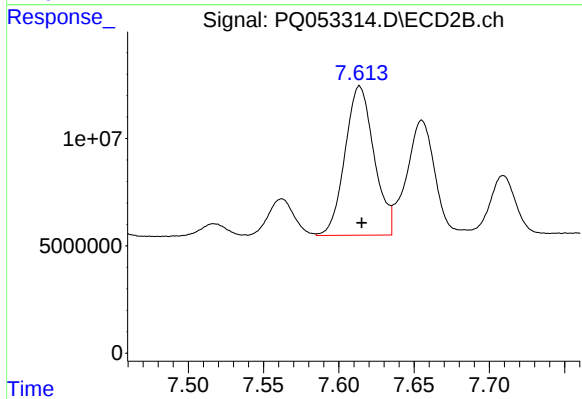
#35 AR-1260-5

R.T.: 8.165 min
Delta R.T.: -0.002 min
Response: 144041936
Conc: 77.86 ng/ml



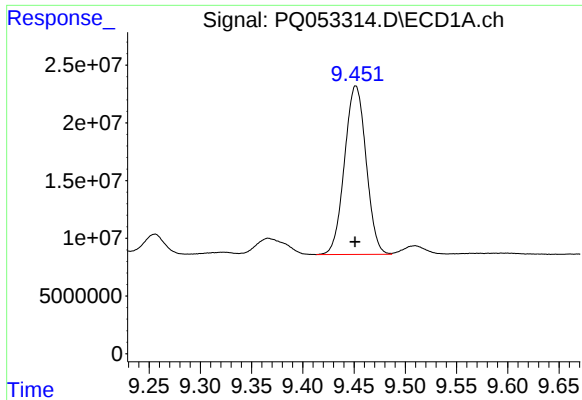
#36 AR-1262-1

R.T.: 8.863 min
Delta R.T.: 0.000 min
Response: 92253622
Conc: 46.12 ng/ml



#36 AR-1262-1

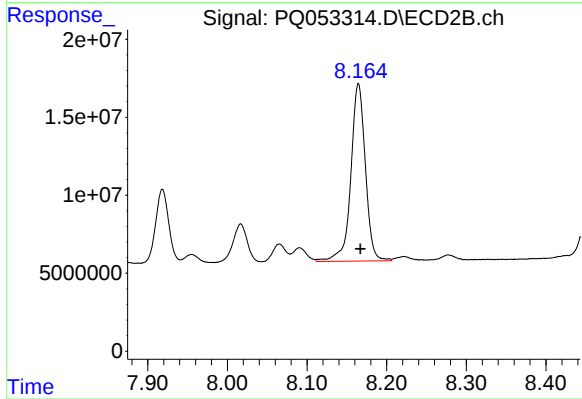
R.T.: 7.614 min
Delta R.T.: -0.001 min
Response: 93398135
Conc: 152.36 ng/ml



#37 AR-1262-2

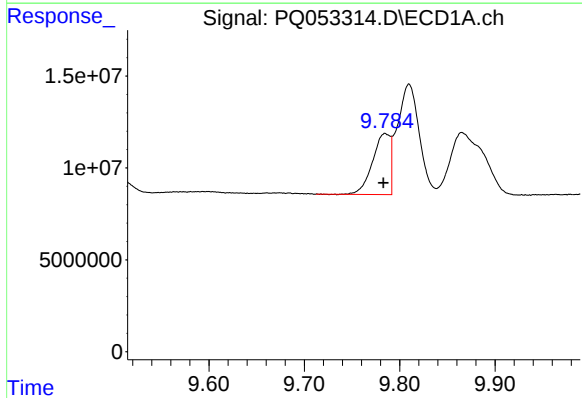
R.T.: 9.452 min
Delta R.T.: 0.000 min
Response: 213622582
Conc: 57.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



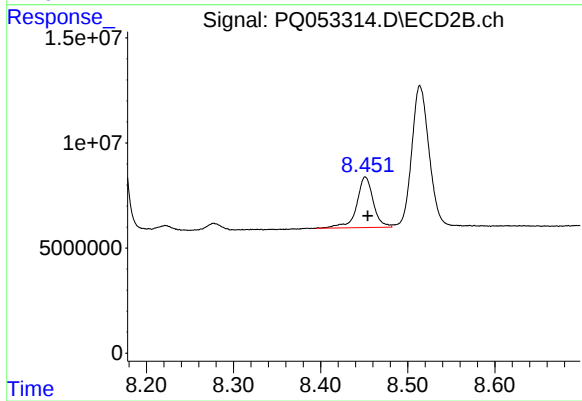
#37 AR-1262-2

R.T.: 8.165 min
Delta R.T.: -0.002 min
Response: 144041936
Conc: 56.69 ng/ml



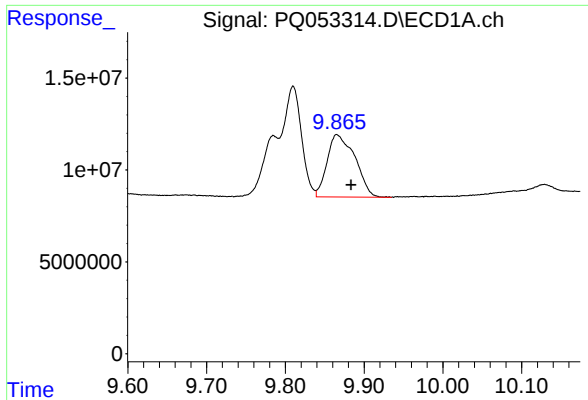
#38 AR-1262-3

R.T.: 9.785 min
Delta R.T.: 0.002 min
Response: 42974809
Conc: 17.12 ng/ml



#38 AR-1262-3

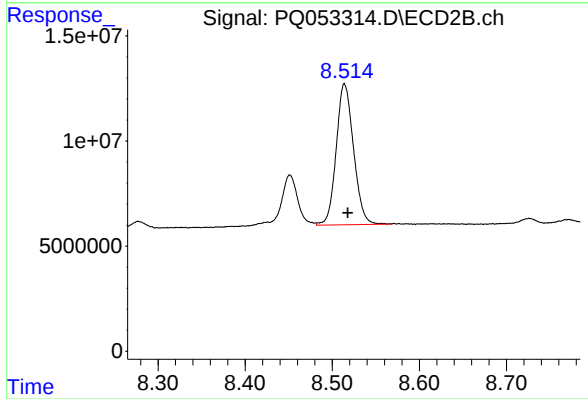
R.T.: 8.451 min
Delta R.T.: -0.003 min
Response: 31784617
Conc: 31.29 ng/ml



#39 AR-1262-4

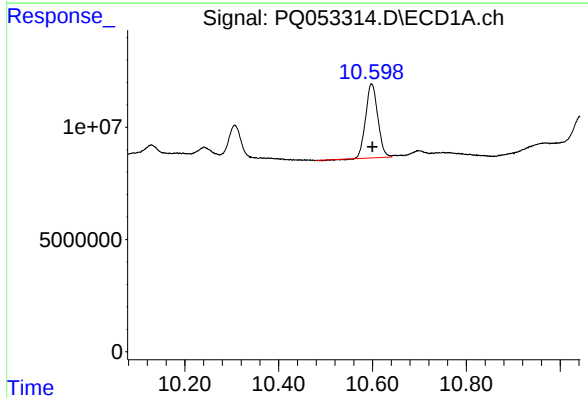
R.T.: 9.865 min
Delta R.T.: -0.018 min
Response: 83410867
Conc: 41.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



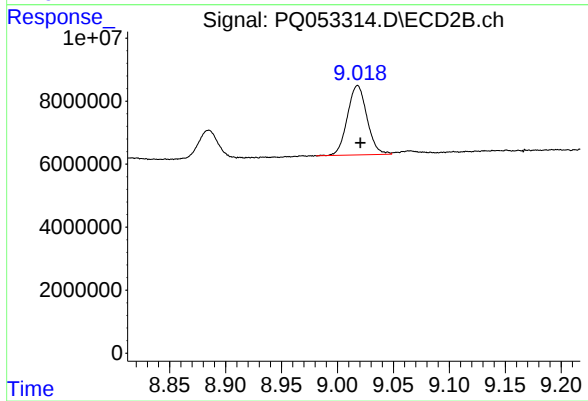
#39 AR-1262-4

R.T.: 8.514 min
Delta R.T.: -0.004 min
Response: 92658419
Conc: 53.78 ng/ml



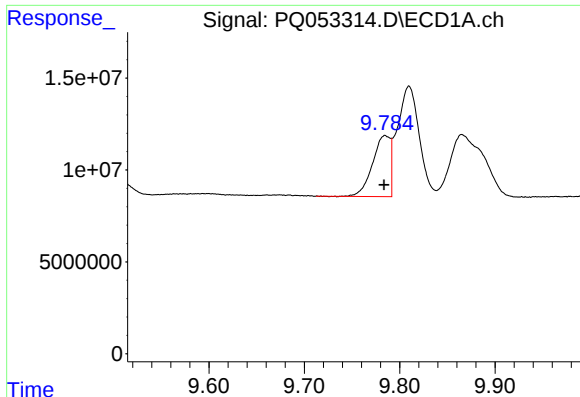
#40 AR-1262-5

R.T.: 10.598 min
Delta R.T.: -0.002 min
Response: 59066197
Conc: 41.67 ng/ml



#40 AR-1262-5

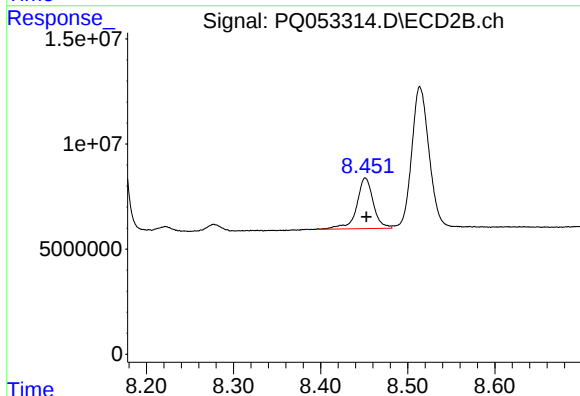
R.T.: 9.018 min
Delta R.T.: -0.003 min
Response: 26821366
Conc: 34.46 ng/ml



#41 AR-1268-1

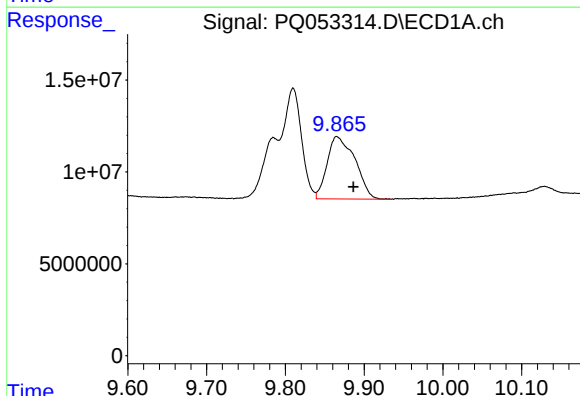
R.T.: 9.785 min
Delta R.T.: 0.001 min
Response: 42974809
Conc: 9.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



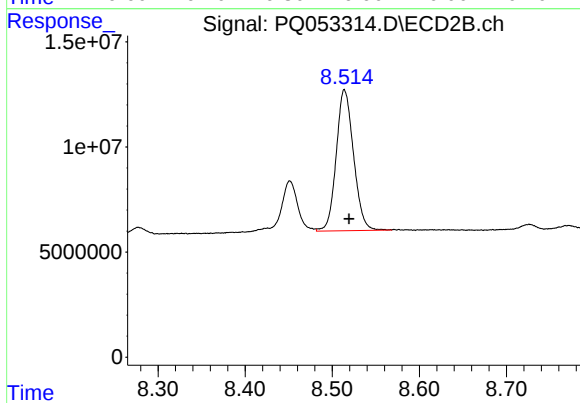
#41 AR-1268-1

R.T.: 8.451 min
Delta R.T.: -0.001 min
Response: 31784617
Conc: 10.85 ng/ml



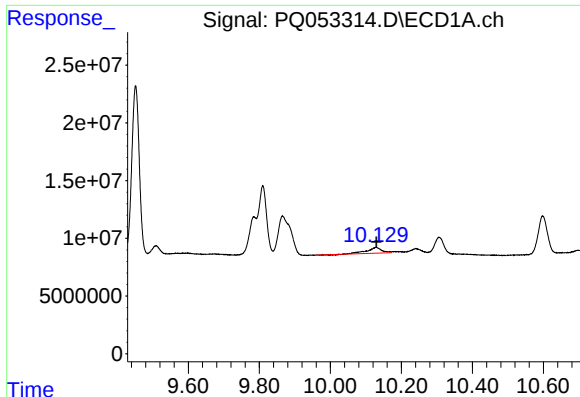
#42 AR-1268-2

R.T.: 9.865 min
Delta R.T.: -0.021 min
Response: 83410867
Conc: 19.45 ng/ml



#42 AR-1268-2

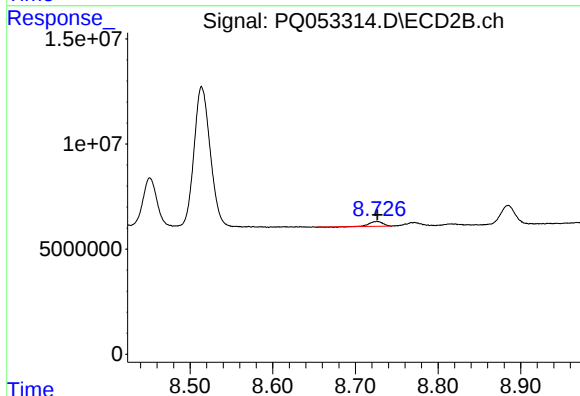
R.T.: 8.514 min
Delta R.T.: -0.005 min
Response: 92658419
Conc: 37.22 ng/ml



#43 AR-1268-3

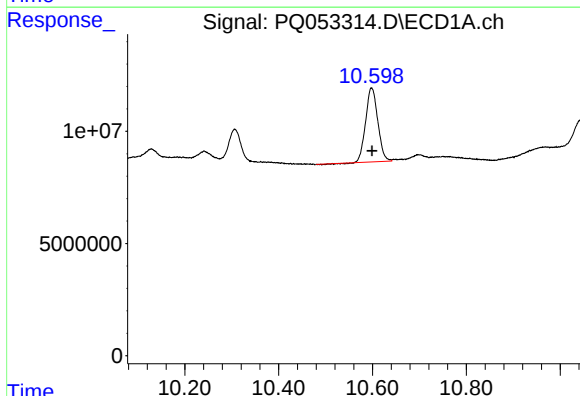
R.T.: 10.129 min
Delta R.T.: 0.000 min
Response: 13757024
Conc: 3.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



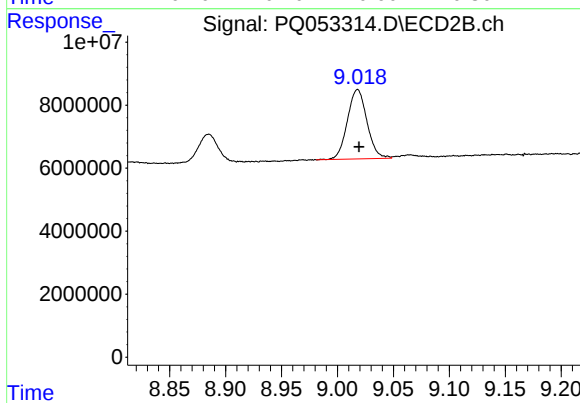
#43 AR-1268-3

R.T.: 8.726 min
Delta R.T.: 0.000 min
Response: 2537080
Conc: 1.17 ng/ml



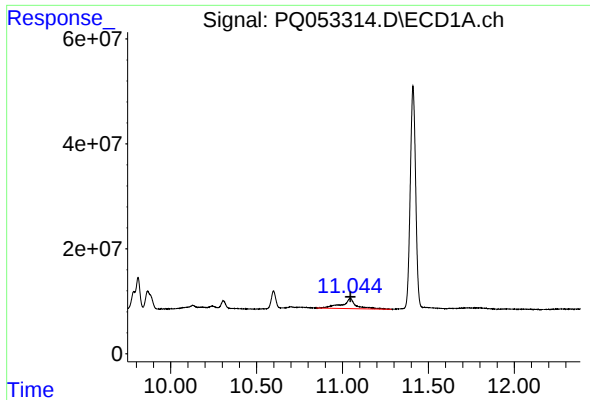
#44 AR-1268-4

R.T.: 10.598 min
Delta R.T.: -0.001 min
Response: 59066197
Conc: 38.37 ng/ml



#44 AR-1268-4

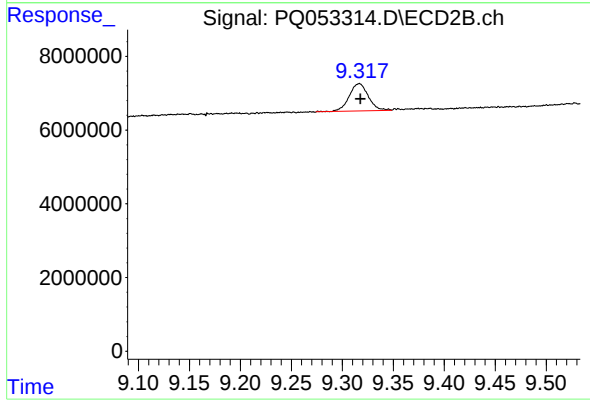
R.T.: 9.018 min
Delta R.T.: -0.001 min
Response: 26821366
Conc: 31.44 ng/ml



#45 AR-1268-5

R.T.: 11.045 min
Delta R.T.: -0.002 min
Response: 111649931
Conc: 8.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.317 min
Delta R.T.: -0.001 min
Response: 9672237
Conc: 1.56 ng/ml