

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092221\
 Data File : PQ054595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2021 12:48
 Operator : AJ\MA
 Sample : PB139257BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 13:46:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 2021
 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...	5.202	4.208	251.7E6	122.7E6	10.540	9.284
2)	SA Decachlor...	11.369	9.536	189.2E6	146.7E6	11.212	10.825
Target Compounds							
3)	L1 AR-1016-1	6.528	5.468	40352458	21931324	48.920	48.324
4)	L1 AR-1016-2	6.552	5.487	65138012	39545752	53.399	55.724
5)	L1 AR-1016-3	6.617	5.679	40576816	22127950	53.597	64.612
6)	L1 AR-1016-4	6.726	5.729	31446346	14996496	50.859	53.993
7)	L1 AR-1016-5	7.037	5.960	29679059	17184935	52.239	49.786
8)	L2 AR-1221-1	5.425f	0.000	7797423	0	30.268	N.D. #
9)	L2 AR-1221-2	5.571f	4.567	12678272	19774613	66.325	207.548 #
10)	L2 AR-1221-3	5.641	4.654	23497431	17920790	39.205	56.100 #
11)	L3 AR-1232-1	5.641	4.654	23497431	17920790	50.780	74.912 #
12)	L3 AR-1232-2	6.230	5.487	34670288	39545752	122.487	127.382
13)	L3 AR-1232-3	6.552	5.679	65138012	22127950	123.882	153.555
14)	L3 AR-1232-4	6.726	5.775	31446346	17486533	117.704	138.430
15)	L3 AR-1232-5	6.818	5.960	27091160	17184935	133.986	118.490
16)	L4 AR-1242-1	6.528	5.468	40352458	21931324	68.505	67.985
17)	L4 AR-1242-2	6.552	5.487	65138012	39545752	72.599	77.598
18)	L4 AR-1242-3	6.617	5.679	40576816	22127950	72.207	86.175
19)	L4 AR-1242-4	6.726	5.775	31446346	17486533	68.738	69.092
20)	L4 AR-1242-5	7.508	6.338	7415889	14323168	15.838	40.315 #
21)	L5 AR-1248-1	6.528	5.468	40352458	21931324	80.624	83.822
22)	L5 AR-1248-2	6.818	5.729	27091160	14996496	41.699	42.104
23)	L5 AR-1248-3	7.037	5.775	29679059	17486533	41.502	49.174
24)	L5 AR-1248-4	7.468	5.960	6106401	17184935	7.719	40.006 #
25)	L5 AR-1248-5	7.508	0.000	7415889	0	9.241	N.D. #
26)	L6 AR-1254-1	7.433	6.338	27634245	14323168	31.724	18.802 #
27)	L6 AR-1254-2	7.660	6.497	23833791	14674239	17.818	20.970
28)	L6 AR-1254-3	8.045	6.934	13181643	28174667	9.465	25.557 #
29)	L6 AR-1254-4	8.339	7.157	13303583	2779014	12.488	3.675 #
30)	L6 AR-1254-5	8.768	7.584	76326523	64595223	66.412	58.366
31)	L7 AR-1260-1	8.210	7.053	55056351	39720722	55.478	52.892
32)	L7 AR-1260-2	8.473	7.250	61994227	54407219	52.684	52.572
33)	L7 AR-1260-3	8.839	7.405	40972345	49456504	53.497	55.937
34)	L7 AR-1260-4	9.081	7.886	50120366	53494886	53.657	77.308 #
35)	L7 AR-1260-5	9.424	8.133	94575653	92951782	51.301	48.632
36)	L8 AR-1262-1	8.839	7.584	40972345	64595223	34.870	125.020 #
37)	L8 AR-1262-2	9.424	8.133	94575653	92951782	43.605	41.967
38)	L8 AR-1262-3	9.756	8.420	17343750	20490446	19.472	23.093
39)	L8 AR-1262-4	9.837f	8.484	34691142	62615605	61.496	41.172 #
40)	L8 AR-1262-5	10.566	8.985	26027905	20516401	33.867	29.873
41)	L9 AR-1268-1	9.756	8.420	17343750	20490446	6.916	7.549

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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Sep 2021 12:48
 Operator : AJ\MA
 Sample : PB139257BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

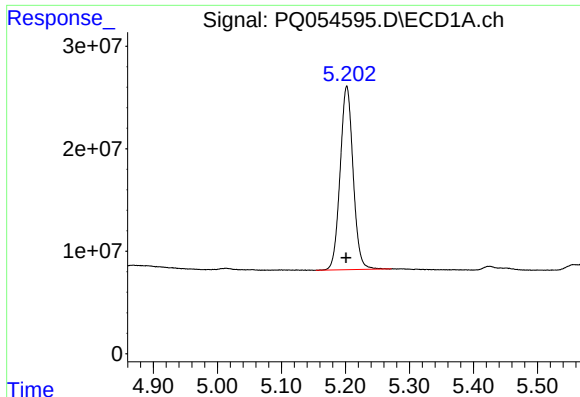
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 22 13:46:09 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 2021
 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
42) L9	AR-1268-2	9.837f	8.484	34691142	62615605	15.168	27.179 #
43) L9	AR-1268-3	0.000	8.690	0	2730966	N.D.	1.355 #
44) L9	AR-1268-4	10.566	8.985	26027905	20516401	30.501	26.391
45) L9	AR-1268-5	11.009	9.281	8772893	6691564	1.392	1.164

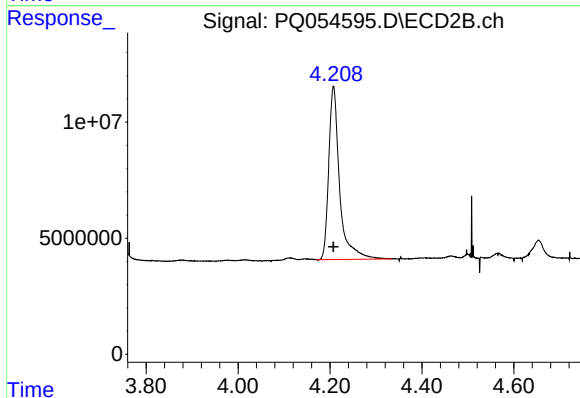
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

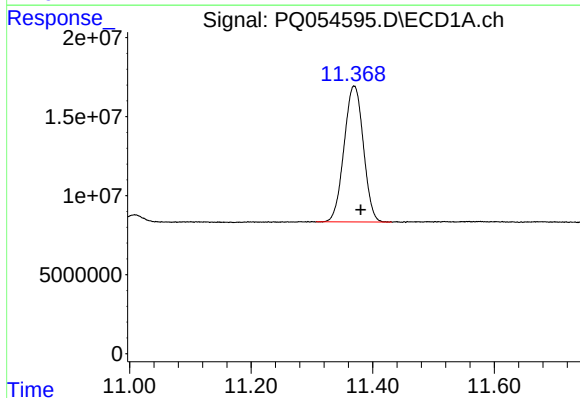
R.T.: 5.202 min
Delta R.T.: 0.001 min
Response: 251709997
Conc: 10.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



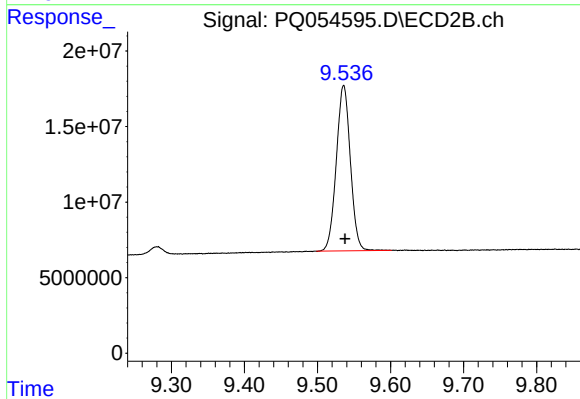
#1 Tetrachloro-m-xylene

R.T.: 4.208 min
Delta R.T.: 0.000 min
Response: 122734221
Conc: 9.28 ng/ml



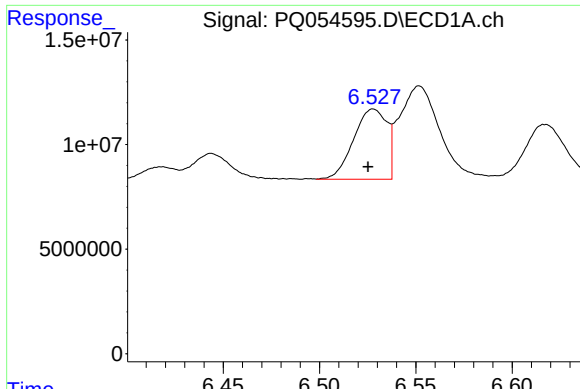
#2 Decachlorobiphenyl

R.T.: 11.369 min
Delta R.T.: -0.011 min
Response: 189245465
Conc: 11.21 ng/ml



#2 Decachlorobiphenyl

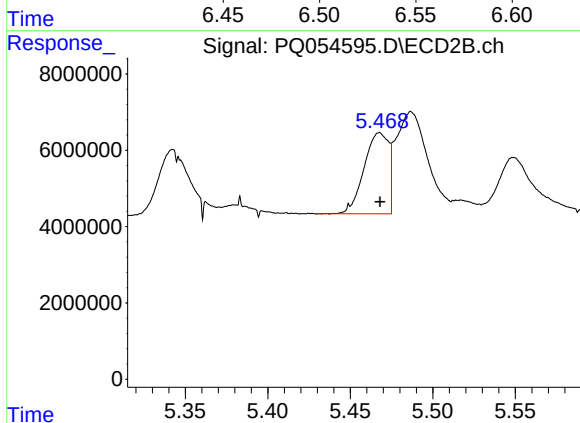
R.T.: 9.536 min
Delta R.T.: -0.002 min
Response: 146704705
Conc: 10.83 ng/ml



#3 AR-1016-1

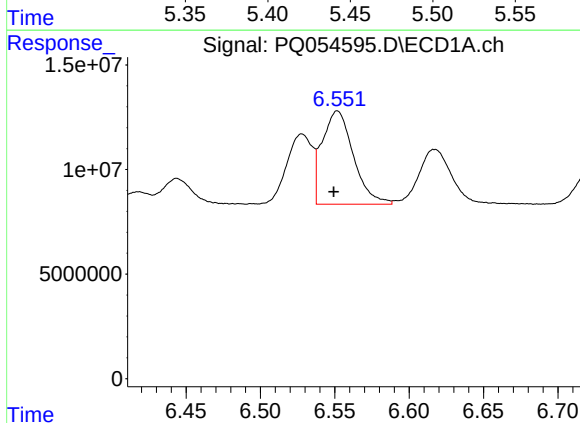
R.T.: 6.528 min
Delta R.T.: 0.003 min
Response: 40352458
Conc: 48.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



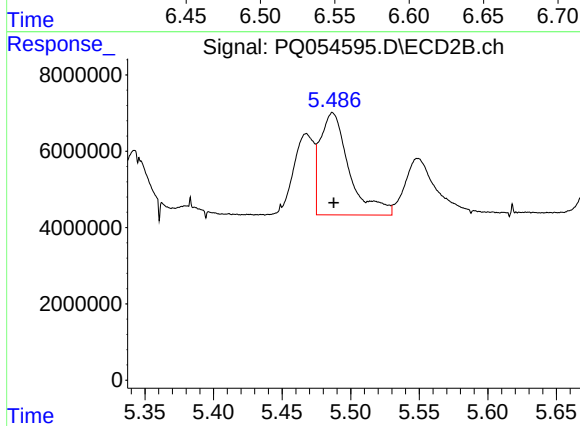
#3 AR-1016-1

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 21931324
Conc: 48.32 ng/ml



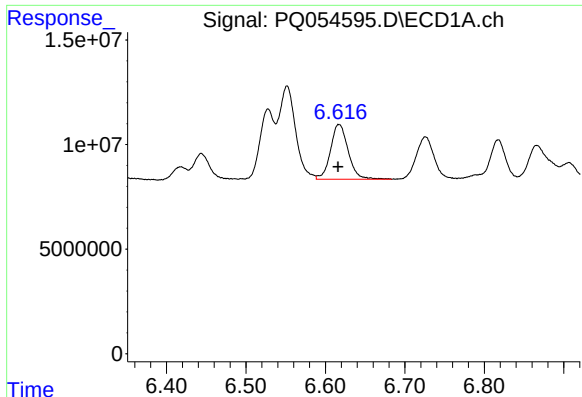
#4 AR-1016-2

R.T.: 6.552 min
Delta R.T.: 0.002 min
Response: 65138012
Conc: 53.40 ng/ml



#4 AR-1016-2

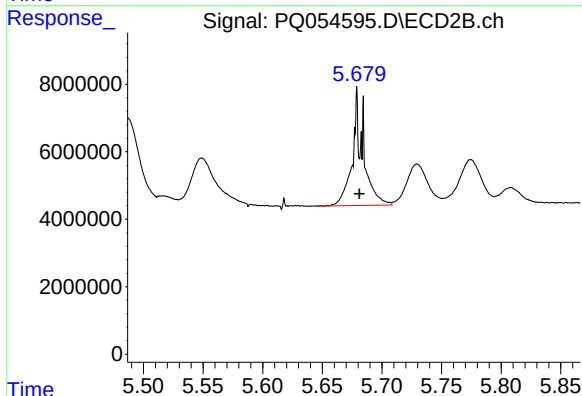
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 39545752
Conc: 55.72 ng/ml



#5 AR-1016-3

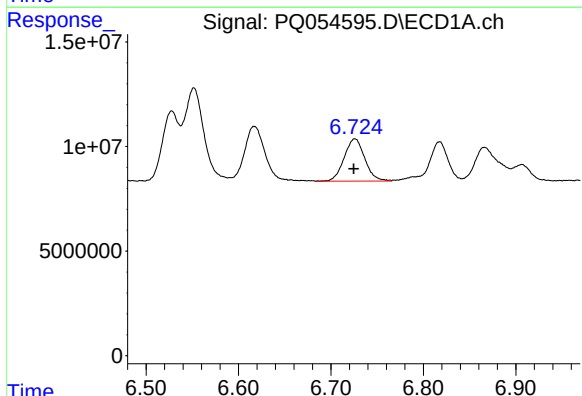
R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 40576816
Conc: 53.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



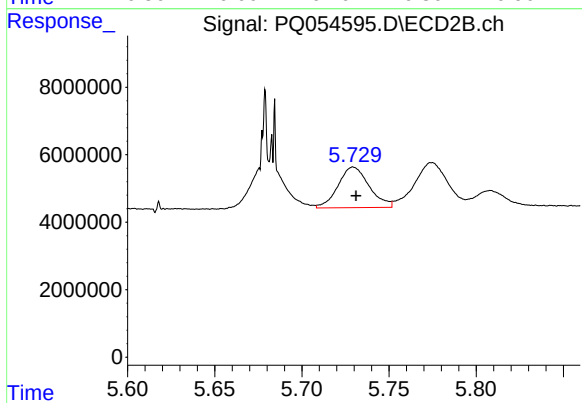
#5 AR-1016-3

R.T.: 5.679 min
Delta R.T.: -0.002 min
Response: 22127950
Conc: 64.61 ng/ml



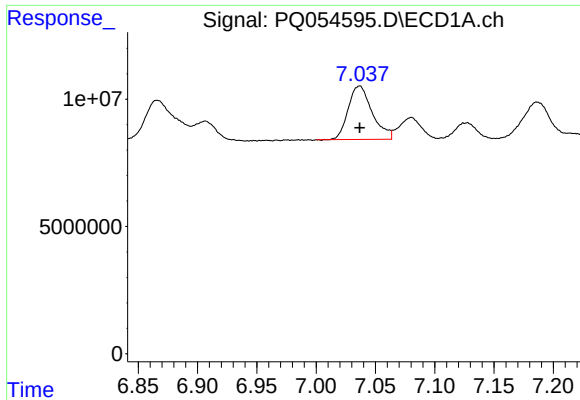
#6 AR-1016-4

R.T.: 6.726 min
Delta R.T.: 0.001 min
Response: 31446346
Conc: 50.86 ng/ml



#6 AR-1016-4

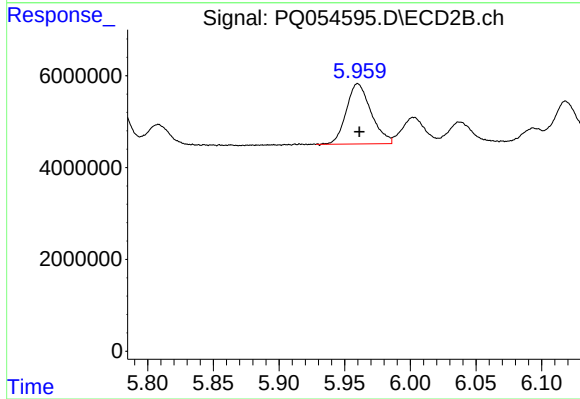
R.T.: 5.729 min
Delta R.T.: -0.002 min
Response: 14996496
Conc: 53.99 ng/ml



#7 AR-1016-5

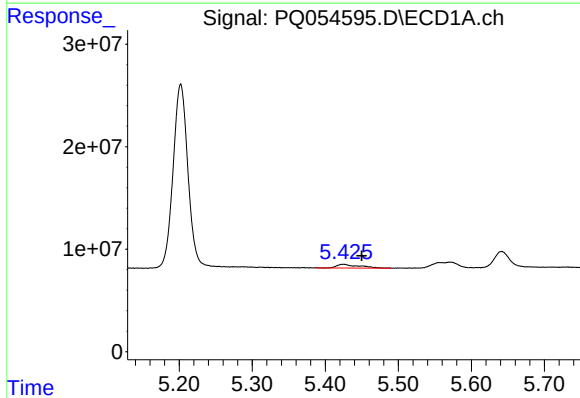
R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 29679059
Conc: 52.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



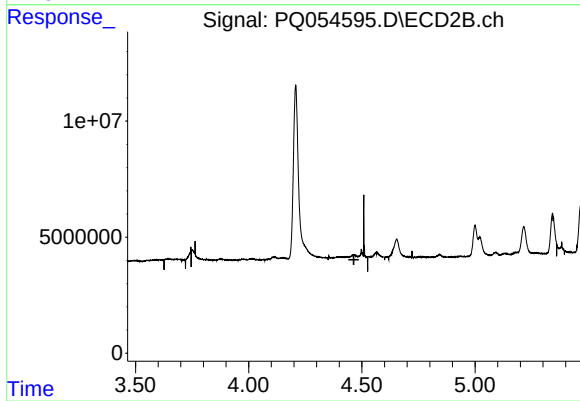
#7 AR-1016-5

R.T.: 5.960 min
Delta R.T.: -0.001 min
Response: 17184935
Conc: 49.79 ng/ml



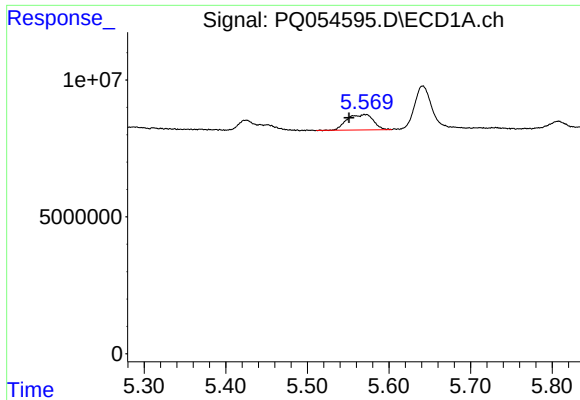
#8 AR-1221-1

R.T.: 5.425 min
Delta R.T.: -0.025 min
Response: 7797423
Conc: 30.27 ng/ml



#8 AR-1221-1

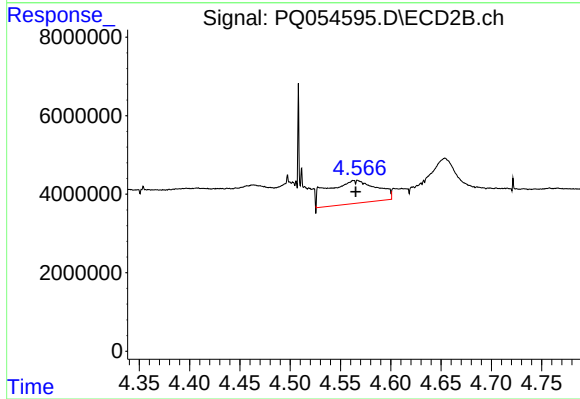
R.T.: 0.000 min
Exp R.T.: 4.465 min
Response: 0
Conc: N.D.



#9 AR-1221-2

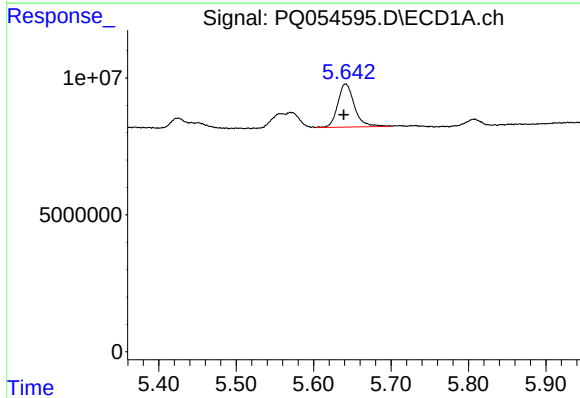
R.T.: 5.571 min
Delta R.T.: 0.020 min
Response: 12678272
Conc: 66.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



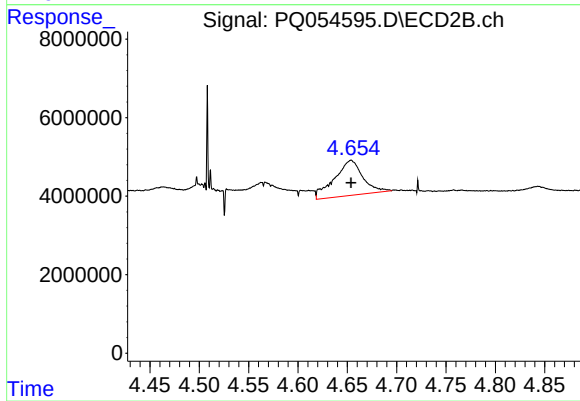
#9 AR-1221-2

R.T.: 4.567 min
Delta R.T.: 0.002 min
Response: 19774613
Conc: 207.55 ng/ml



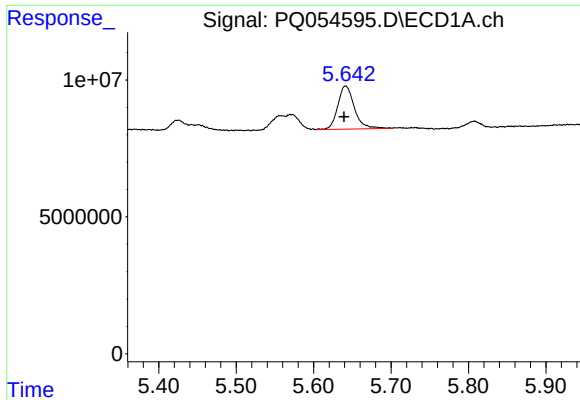
#10 AR-1221-3

R.T.: 5.641 min
Delta R.T.: 0.002 min
Response: 23497431
Conc: 39.21 ng/ml



#10 AR-1221-3

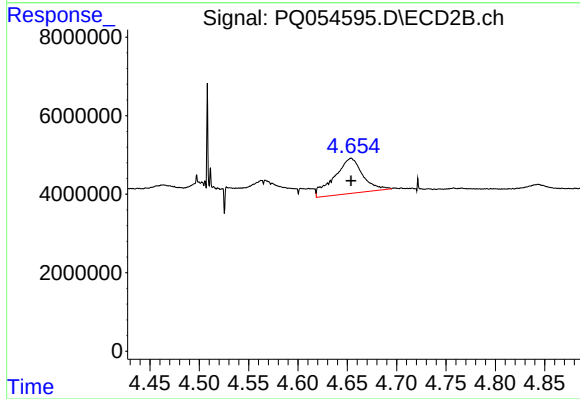
R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 17920790
Conc: 56.10 ng/ml



#11 AR-1232-1

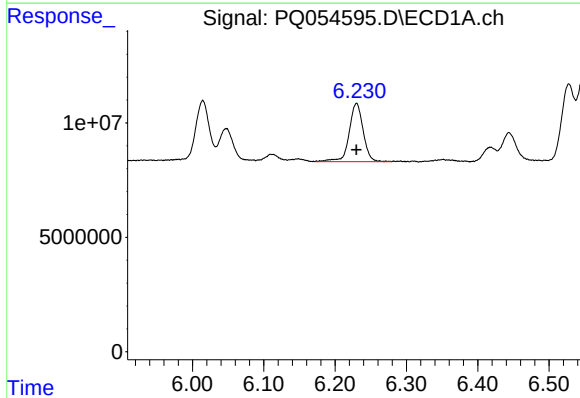
R.T.: 5.641 min
Delta R.T.: 0.002 min
Response: 23497431
Conc: 50.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



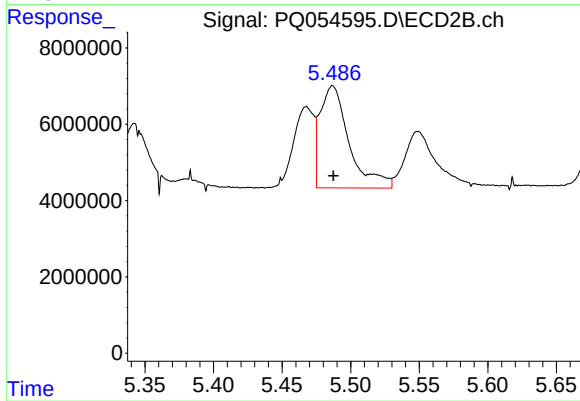
#11 AR-1232-1

R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 17920790
Conc: 74.91 ng/ml



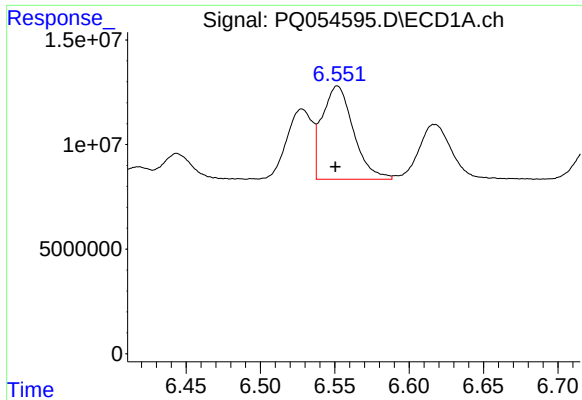
#12 AR-1232-2

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 34670288
Conc: 122.49 ng/ml



#12 AR-1232-2

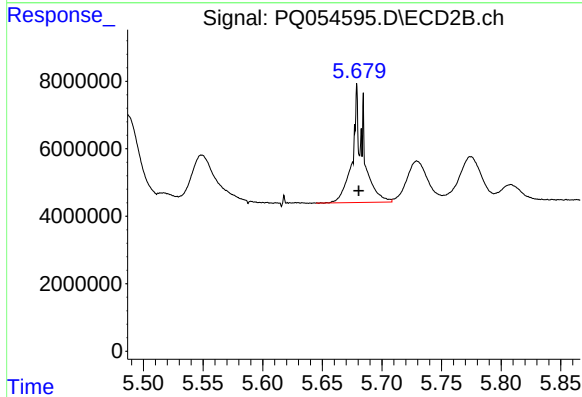
R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 39545752
Conc: 127.38 ng/ml



#13 AR-1232-3

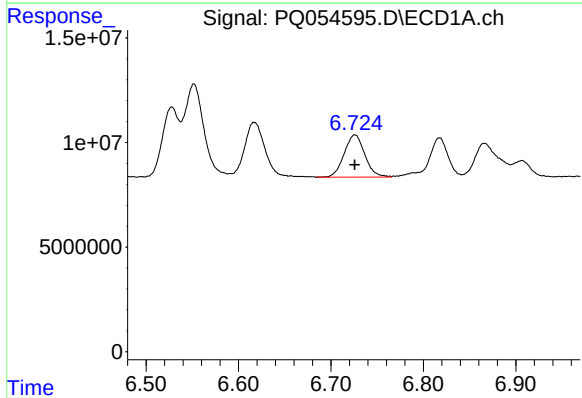
R.T.: 6.552 min
Delta R.T.: 0.001 min
Response: 65138012
Conc: 123.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



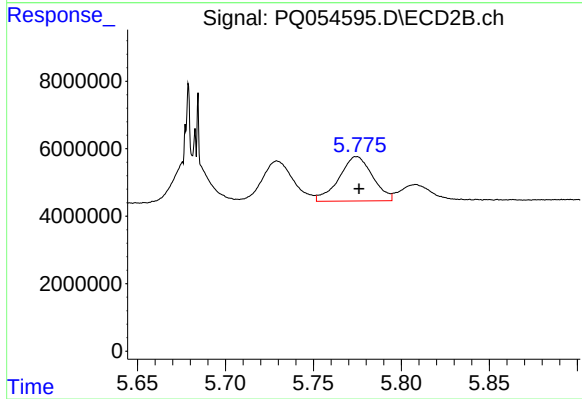
#13 AR-1232-3

R.T.: 5.679 min
Delta R.T.: -0.001 min
Response: 22127950
Conc: 153.56 ng/ml



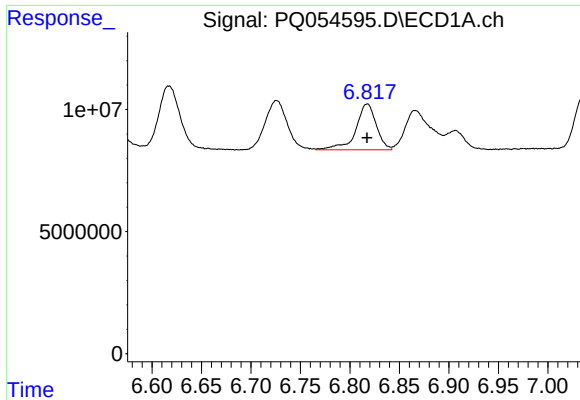
#14 AR-1232-4

R.T.: 6.726 min
Delta R.T.: 0.000 min
Response: 31446346
Conc: 117.70 ng/ml



#14 AR-1232-4

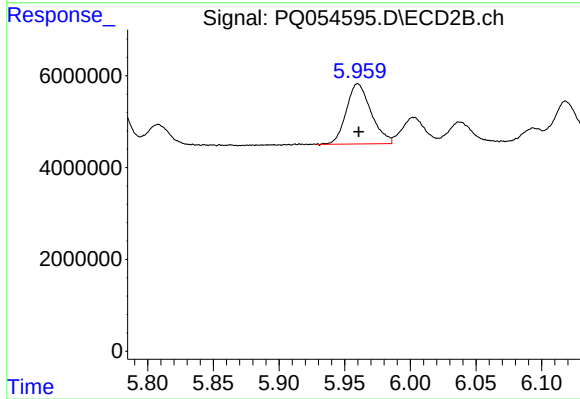
R.T.: 5.775 min
Delta R.T.: -0.001 min
Response: 17486533
Conc: 138.43 ng/ml



#15 AR-1232-5

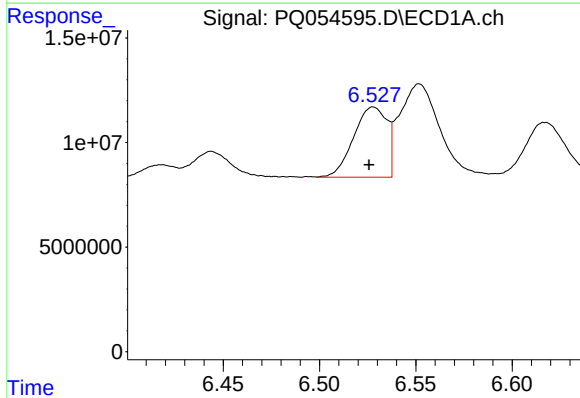
R.T.: 6.818 min
Delta R.T.: 0.000 min
Response: 27091160
Conc: 133.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



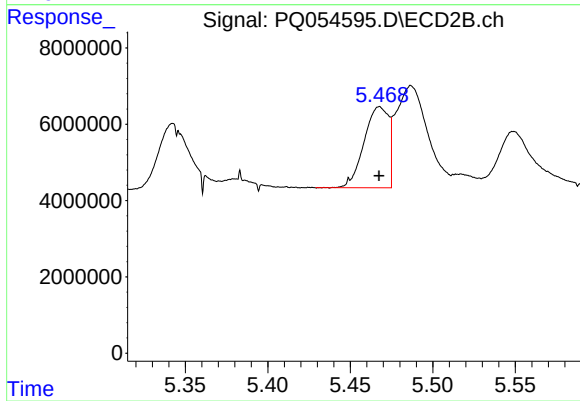
#15 AR-1232-5

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 17184935
Conc: 118.49 ng/ml



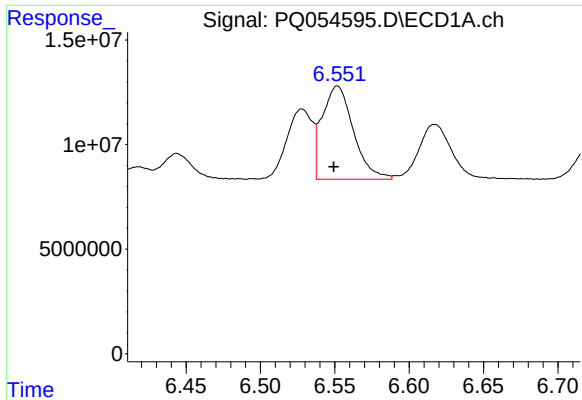
#16 AR-1242-1

R.T.: 6.528 min
Delta R.T.: 0.002 min
Response: 40352458
Conc: 68.50 ng/ml



#16 AR-1242-1

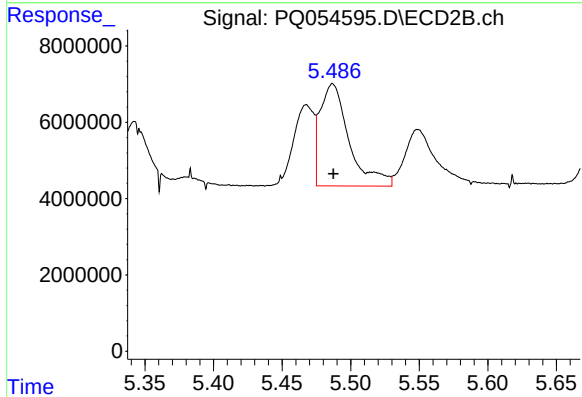
R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 21931324
Conc: 67.99 ng/ml



#17 AR-1242-2

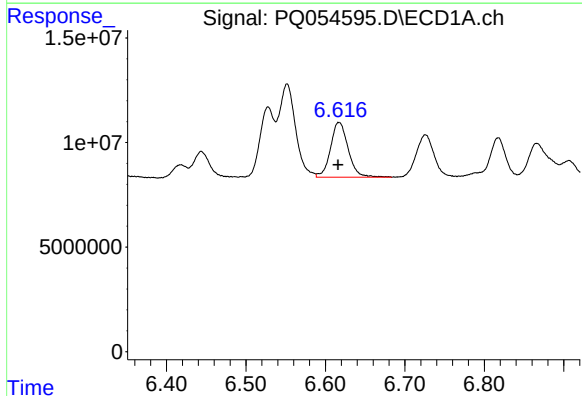
R.T.: 6.552 min
Delta R.T.: 0.002 min
Response: 65138012
Conc: 72.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



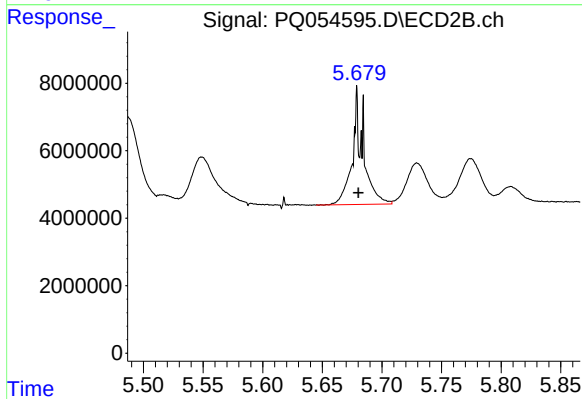
#17 AR-1242-2

R.T.: 5.487 min
Delta R.T.: 0.000 min
Response: 39545752
Conc: 77.60 ng/ml



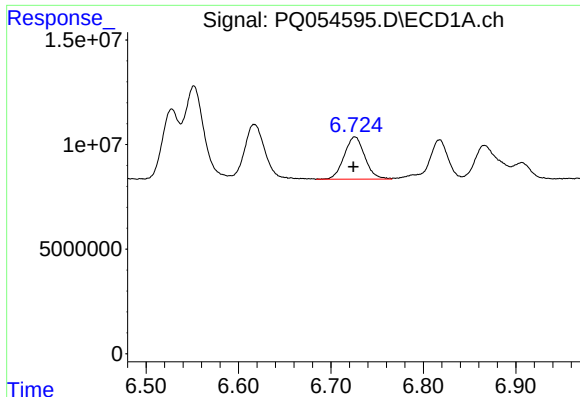
#18 AR-1242-3

R.T.: 6.617 min
Delta R.T.: 0.001 min
Response: 40576816
Conc: 72.21 ng/ml



#18 AR-1242-3

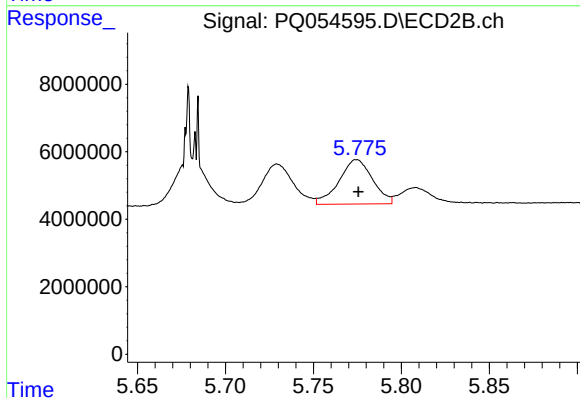
R.T.: 5.679 min
Delta R.T.: -0.001 min
Response: 22127950
Conc: 86.17 ng/ml



#19 AR-1242-4

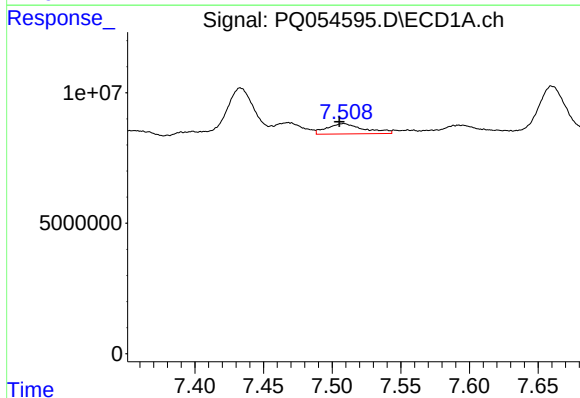
R.T.: 6.726 min
Delta R.T.: 0.002 min
Response: 31446346
Conc: 68.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



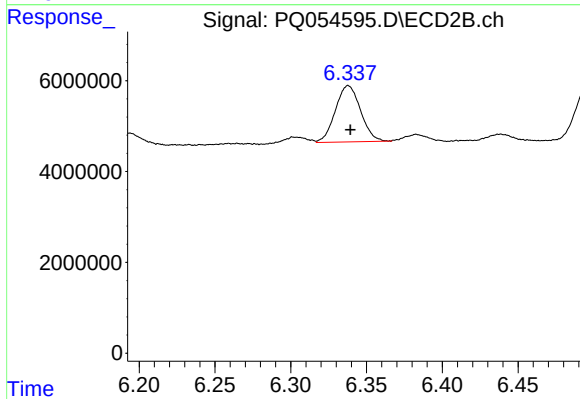
#19 AR-1242-4

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 17486533
Conc: 69.09 ng/ml



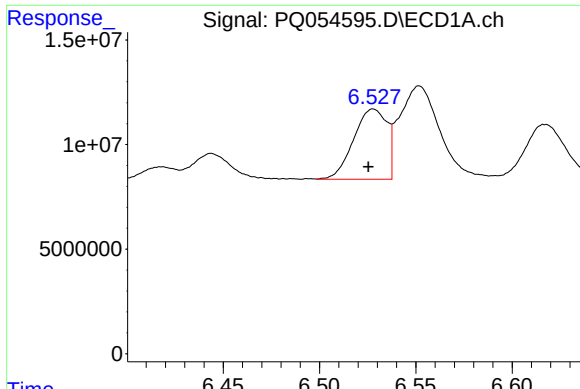
#20 AR-1242-5

R.T.: 7.508 min
Delta R.T.: 0.003 min
Response: 7415889
Conc: 15.84 ng/ml



#20 AR-1242-5

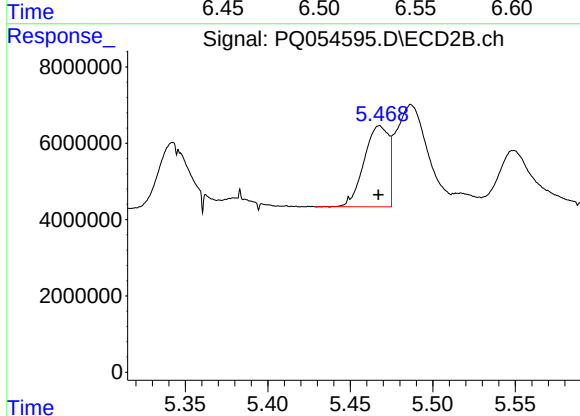
R.T.: 6.338 min
Delta R.T.: -0.001 min
Response: 14323168
Conc: 40.32 ng/ml



#21 AR-1248-1

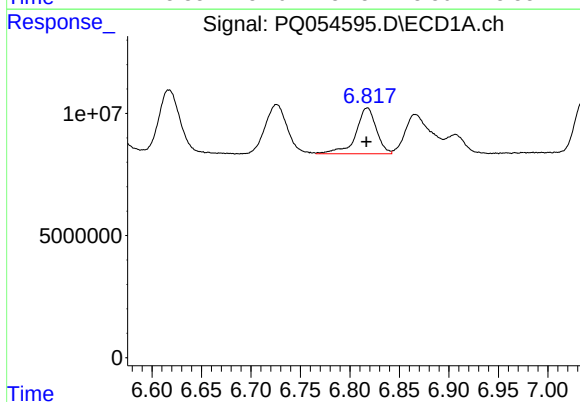
R.T.: 6.528 min
Delta R.T.: 0.003 min
Response: 40352458
Conc: 80.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



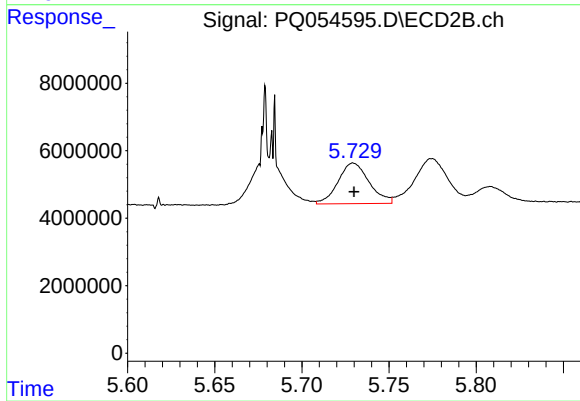
#21 AR-1248-1

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 21931324
Conc: 83.82 ng/ml



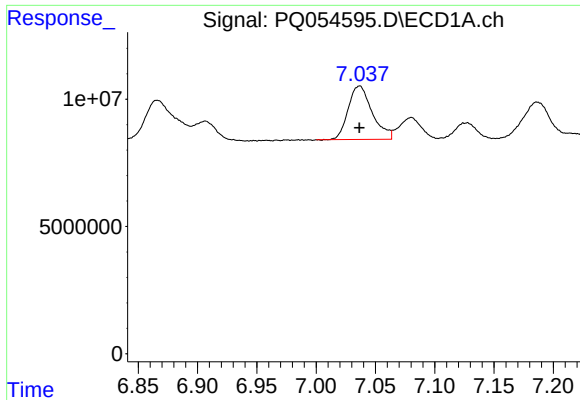
#22 AR-1248-2

R.T.: 6.818 min
Delta R.T.: 0.000 min
Response: 27091160
Conc: 41.70 ng/ml



#22 AR-1248-2

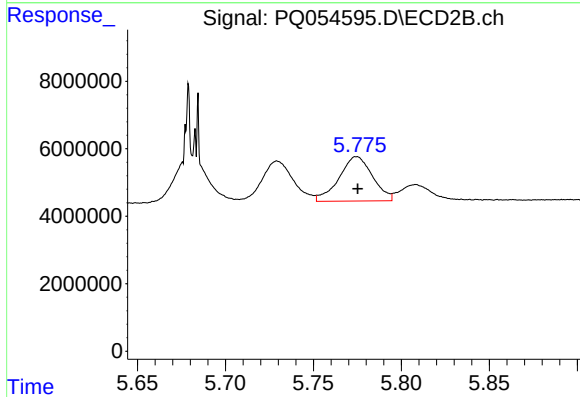
R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 14996496
Conc: 42.10 ng/ml



#23 AR-1248-3

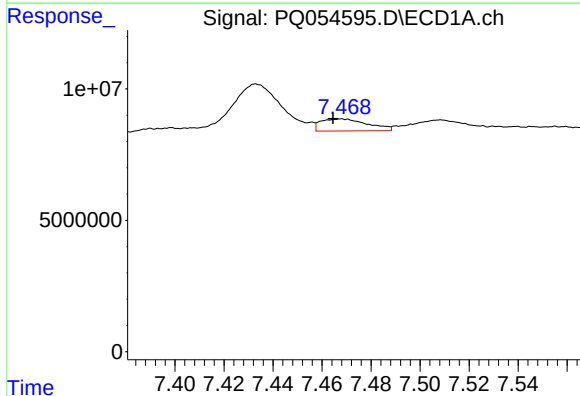
R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 29679059
Conc: 41.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



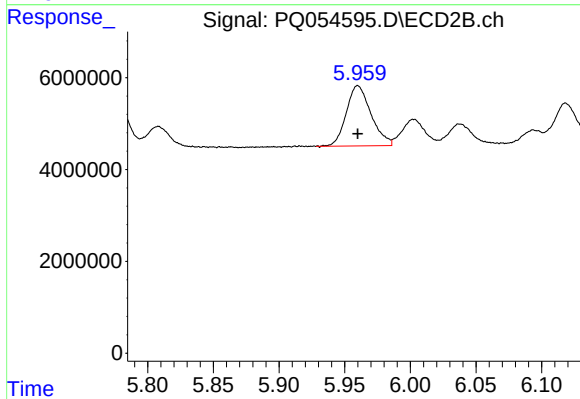
#23 AR-1248-3

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 17486533
Conc: 49.17 ng/ml



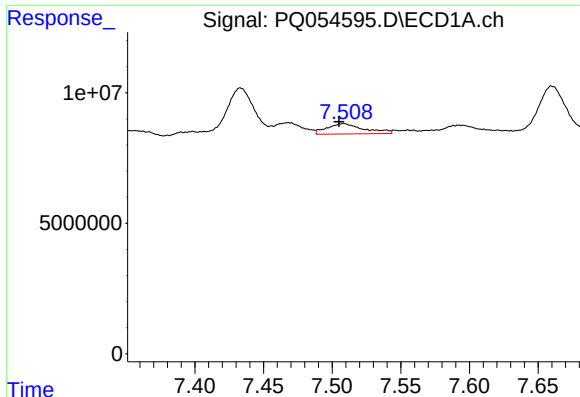
#24 AR-1248-4

R.T.: 7.468 min
Delta R.T.: 0.004 min
Response: 6106401
Conc: 7.72 ng/ml



#24 AR-1248-4

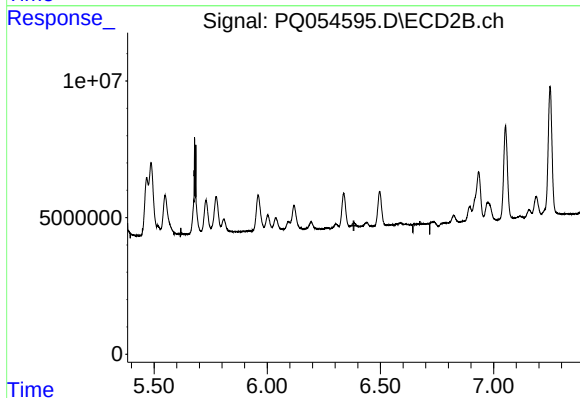
R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 17184935
Conc: 40.01 ng/ml



#25 AR-1248-5

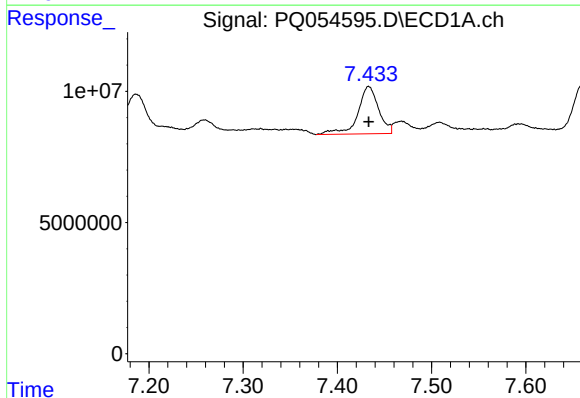
R.T.: 7.508 min
Delta R.T.: 0.003 min
Response: 7415889
Conc: 9.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



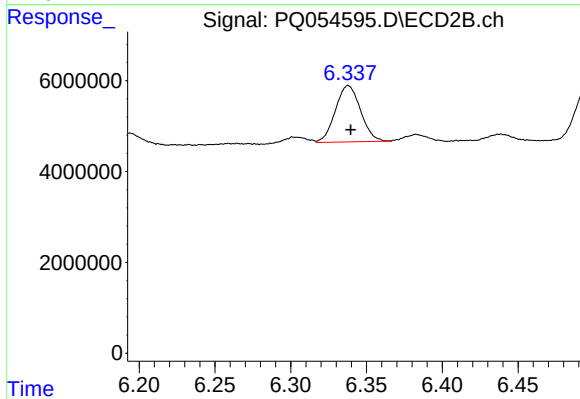
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.383 min
Response: 0
Conc: N.D.



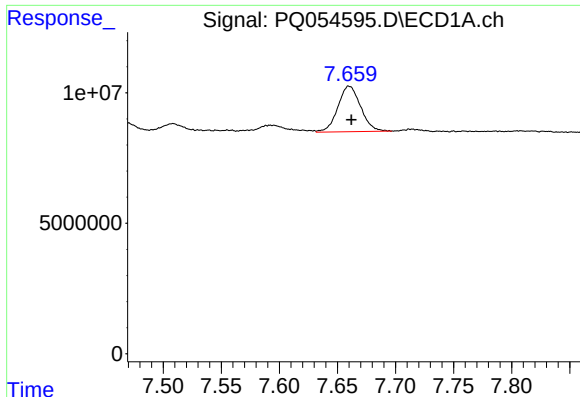
#26 AR-1254-1

R.T.: 7.433 min
Delta R.T.: 0.000 min
Response: 27634245
Conc: 31.72 ng/ml



#26 AR-1254-1

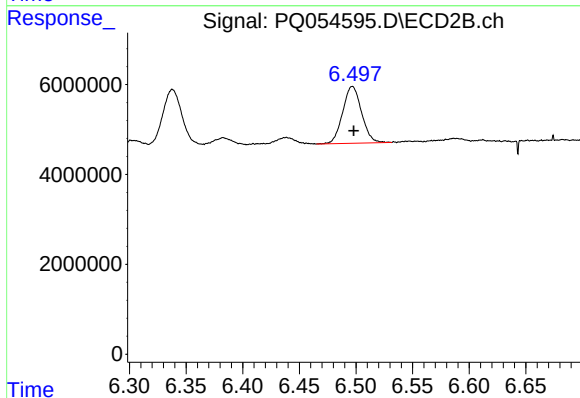
R.T.: 6.338 min
Delta R.T.: -0.002 min
Response: 14323168
Conc: 18.80 ng/ml



#27 AR-1254-2

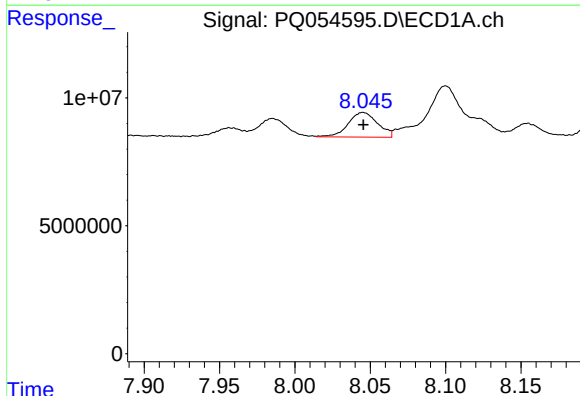
R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 23833791
Conc: 17.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



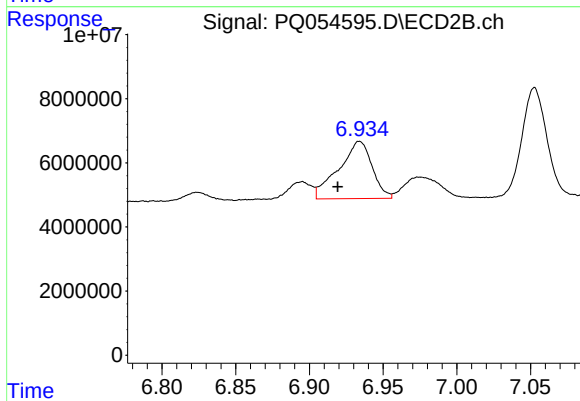
#27 AR-1254-2

R.T.: 6.497 min
Delta R.T.: -0.001 min
Response: 14674239
Conc: 20.97 ng/ml



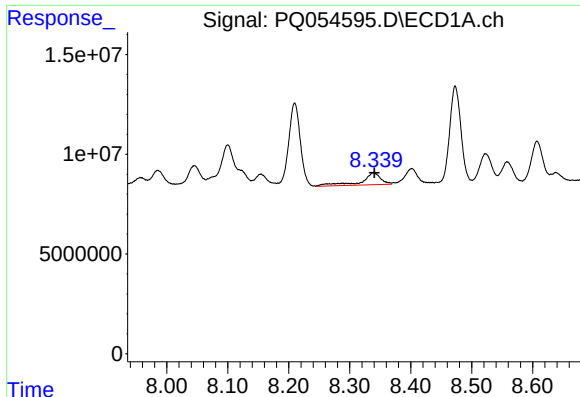
#28 AR-1254-3

R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 13181643
Conc: 9.46 ng/ml



#28 AR-1254-3

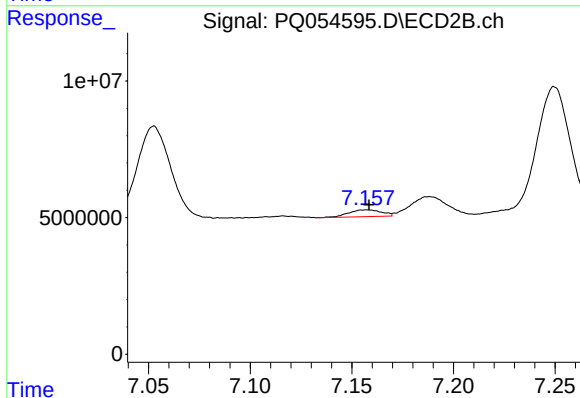
R.T.: 6.934 min
Delta R.T.: 0.015 min
Response: 28174667
Conc: 25.56 ng/ml



#29 AR-1254-4

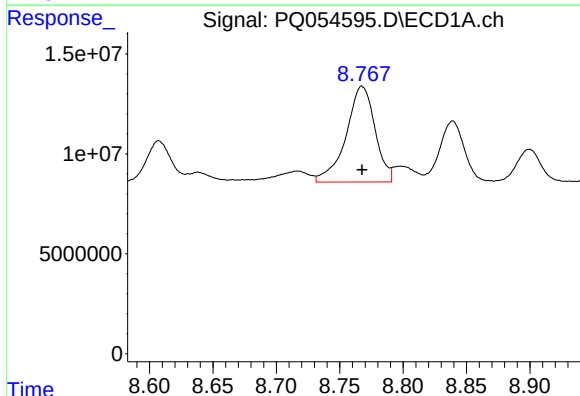
R.T.: 8.339 min
Delta R.T.: -0.002 min
Response: 13303583
Conc: 12.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



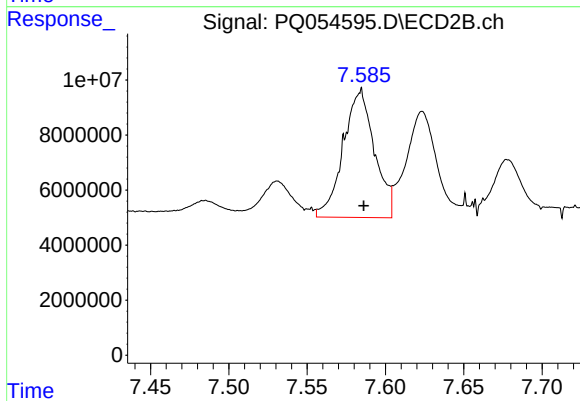
#29 AR-1254-4

R.T.: 7.157 min
Delta R.T.: -0.001 min
Response: 2779014
Conc: 3.68 ng/ml



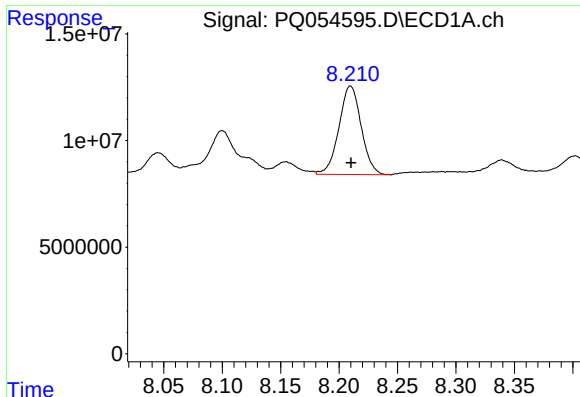
#30 AR-1254-5

R.T.: 8.768 min
Delta R.T.: 0.000 min
Response: 76326523
Conc: 66.41 ng/ml



#30 AR-1254-5

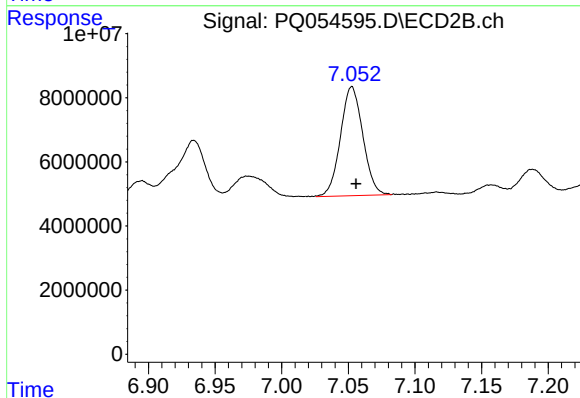
R.T.: 7.584 min
Delta R.T.: -0.002 min
Response: 64595223
Conc: 58.37 ng/ml



#31 AR-1260-1

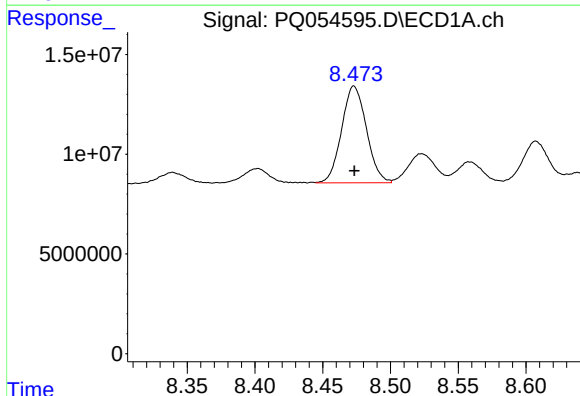
R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 55056351
Conc: 55.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



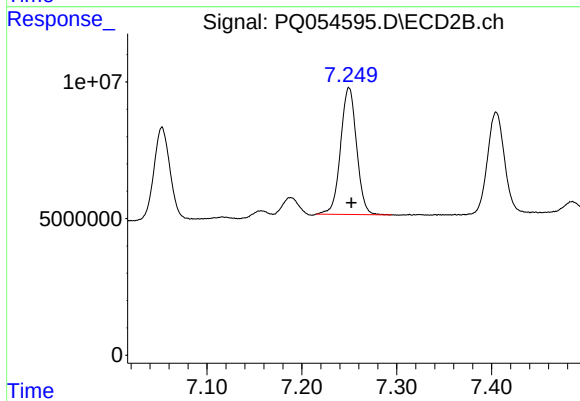
#31 AR-1260-1

R.T.: 7.053 min
Delta R.T.: -0.003 min
Response: 39720722
Conc: 52.89 ng/ml



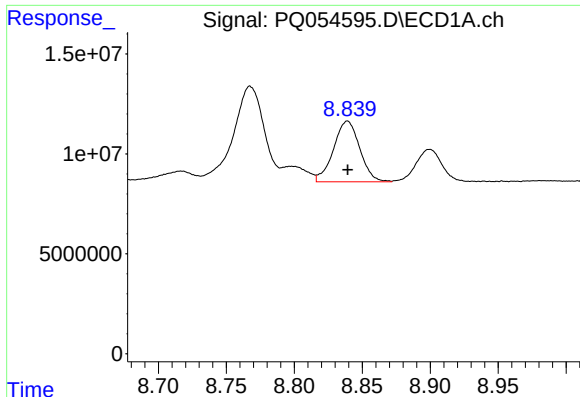
#32 AR-1260-2

R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 61994227
Conc: 52.68 ng/ml



#32 AR-1260-2

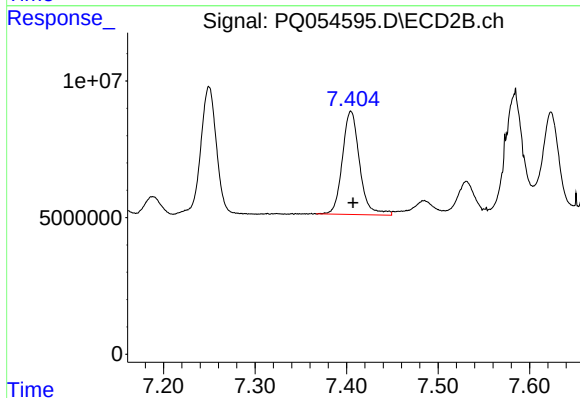
R.T.: 7.250 min
Delta R.T.: -0.003 min
Response: 54407219
Conc: 52.57 ng/ml



#33 AR-1260-3

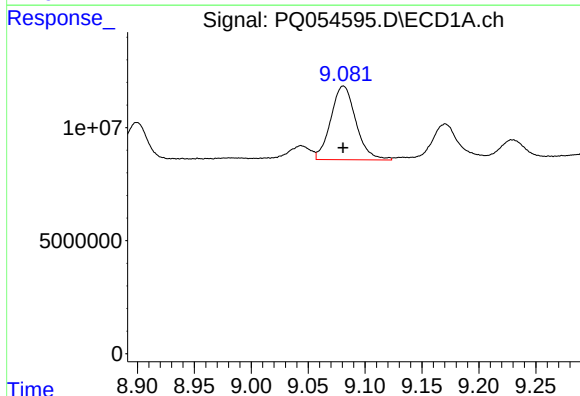
R.T.: 8.839 min
Delta R.T.: 0.000 min
Response: 40972345
Conc: 53.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



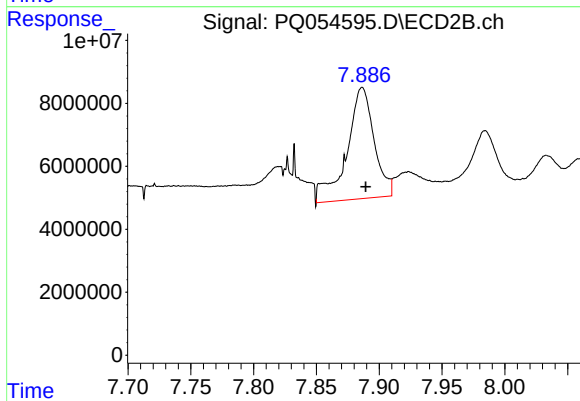
#33 AR-1260-3

R.T.: 7.405 min
Delta R.T.: -0.002 min
Response: 49456504
Conc: 55.94 ng/ml



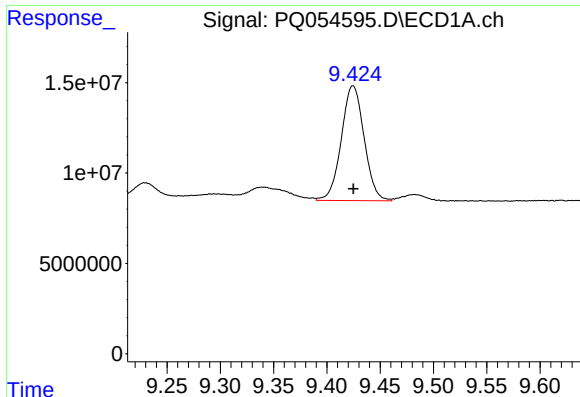
#34 AR-1260-4

R.T.: 9.081 min
Delta R.T.: 0.000 min
Response: 50120366
Conc: 53.66 ng/ml



#34 AR-1260-4

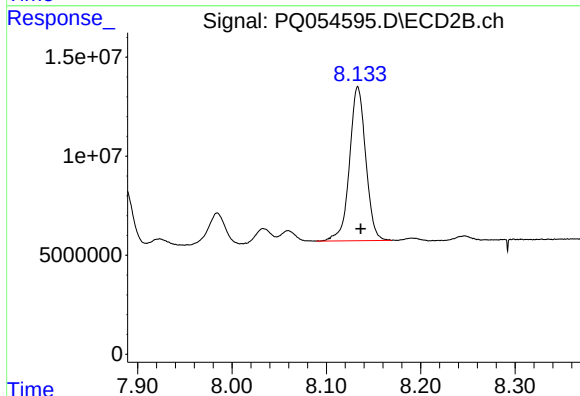
R.T.: 7.886 min
Delta R.T.: -0.003 min
Response: 53494886
Conc: 77.31 ng/ml



#35 AR-1260-5

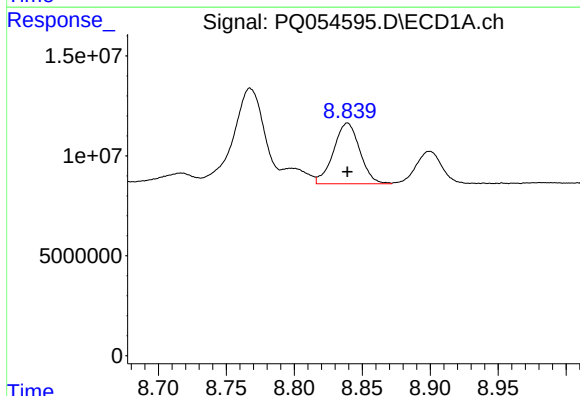
R.T.: 9.424 min
Delta R.T.: 0.000 min
Response: 94575653
Conc: 51.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



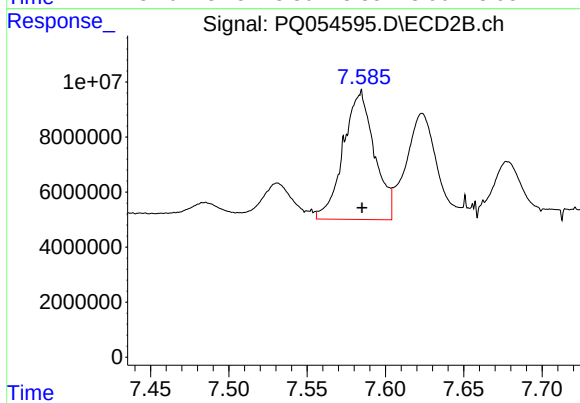
#35 AR-1260-5

R.T.: 8.133 min
Delta R.T.: -0.003 min
Response: 92951782
Conc: 48.63 ng/ml



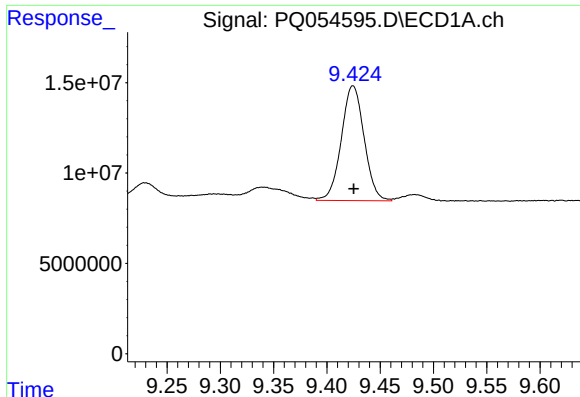
#36 AR-1262-1

R.T.: 8.839 min
Delta R.T.: 0.000 min
Response: 40972345
Conc: 34.87 ng/ml



#36 AR-1262-1

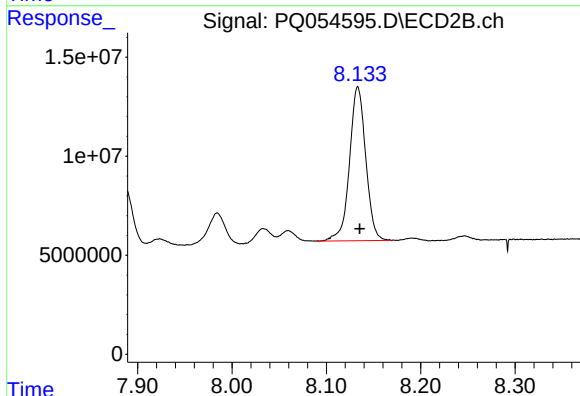
R.T.: 7.584 min
Delta R.T.: -0.001 min
Response: 64595223
Conc: 125.02 ng/ml



#37 AR-1262-2

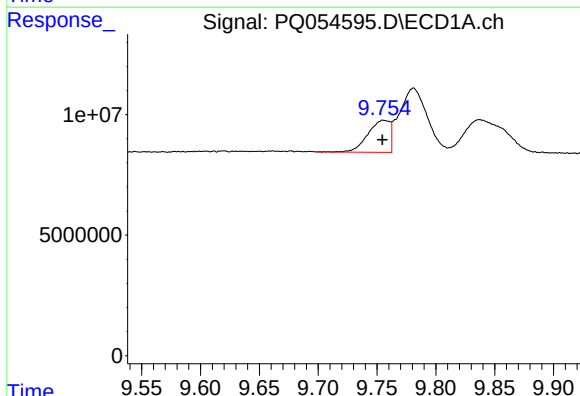
R.T.: 9.424 min
Delta R.T.: 0.000 min
Response: 94575653
Conc: 43.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



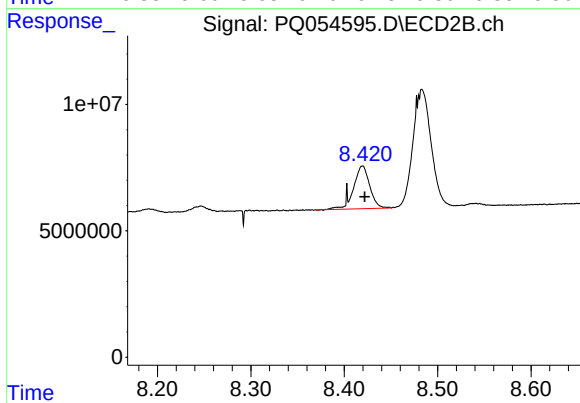
#37 AR-1262-2

R.T.: 8.133 min
Delta R.T.: -0.002 min
Response: 92951782
Conc: 41.97 ng/ml



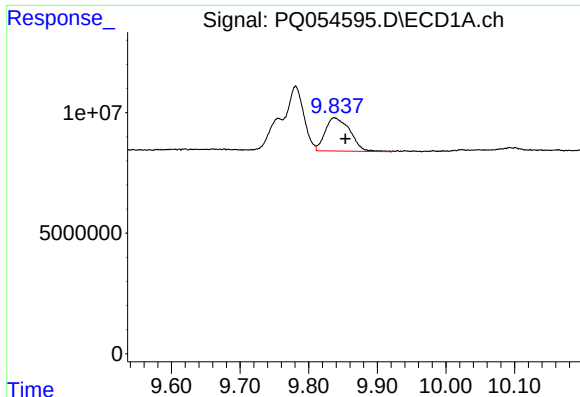
#38 AR-1262-3

R.T.: 9.756 min
Delta R.T.: 0.000 min
Response: 17343750
Conc: 19.47 ng/ml



#38 AR-1262-3

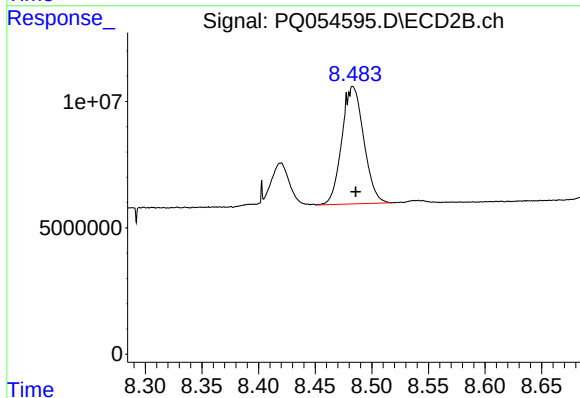
R.T.: 8.420 min
Delta R.T.: -0.002 min
Response: 20490446
Conc: 23.09 ng/ml



#39 AR-1262-4

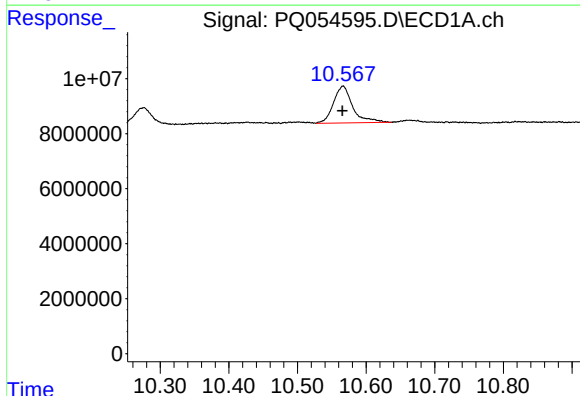
R.T.: 9.837 min
Delta R.T.: -0.016 min
Response: 34691142
Conc: 61.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



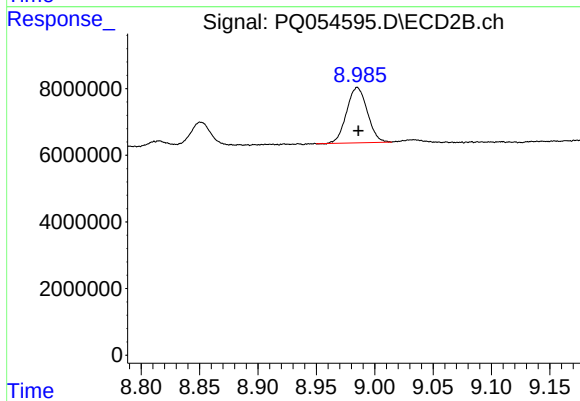
#39 AR-1262-4

R.T.: 8.484 min
Delta R.T.: -0.002 min
Response: 62615605
Conc: 41.17 ng/ml



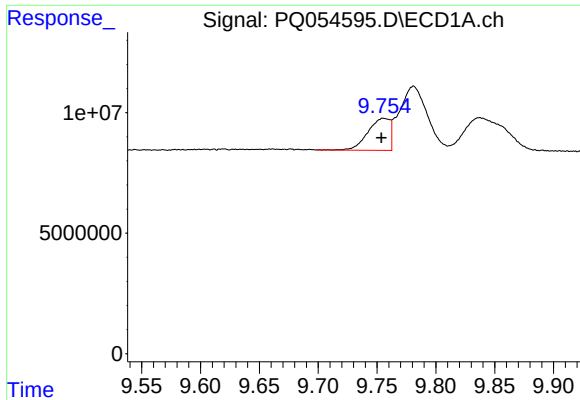
#40 AR-1262-5

R.T.: 10.566 min
Delta R.T.: 0.000 min
Response: 26027905
Conc: 33.87 ng/ml



#40 AR-1262-5

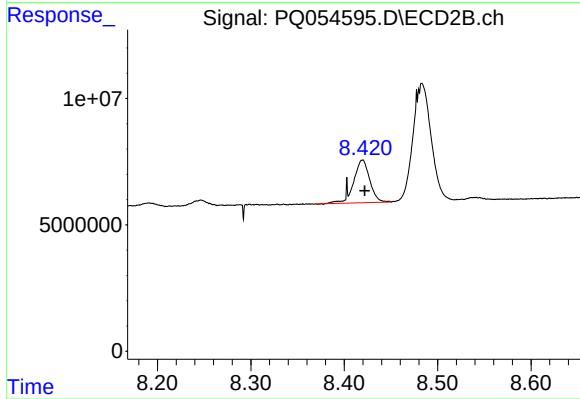
R.T.: 8.985 min
Delta R.T.: -0.001 min
Response: 20516401
Conc: 29.87 ng/ml



#41 AR-1268-1

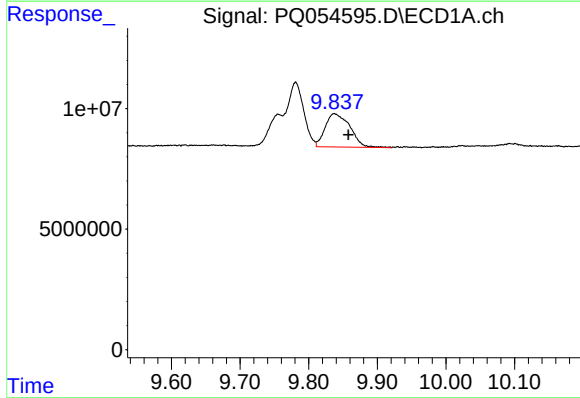
R.T.: 9.756 min
Delta R.T.: 0.002 min
Response: 17343750
Conc: 6.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



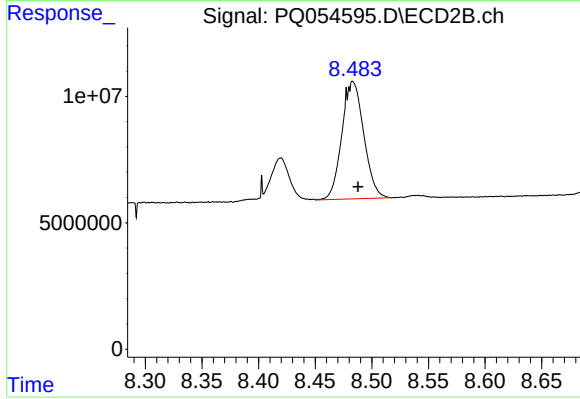
#41 AR-1268-1

R.T.: 8.420 min
Delta R.T.: -0.002 min
Response: 20490446
Conc: 7.55 ng/ml



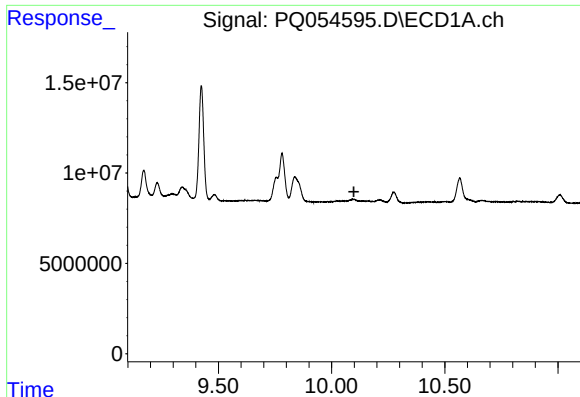
#42 AR-1268-2

R.T.: 9.837 min
Delta R.T.: -0.021 min
Response: 34691142
Conc: 15.17 ng/ml



#42 AR-1268-2

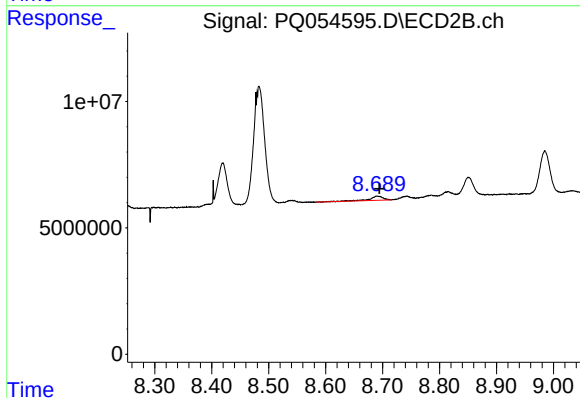
R.T.: 8.484 min
Delta R.T.: -0.004 min
Response: 62615605
Conc: 27.18 ng/ml



#43 AR-1268-3

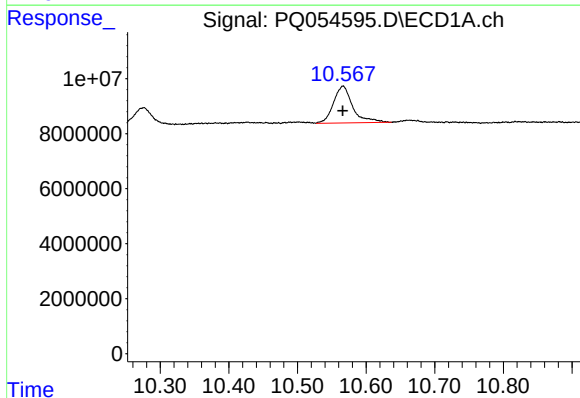
R.T.: 0.000 min
Exp R.T.: 10.099 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



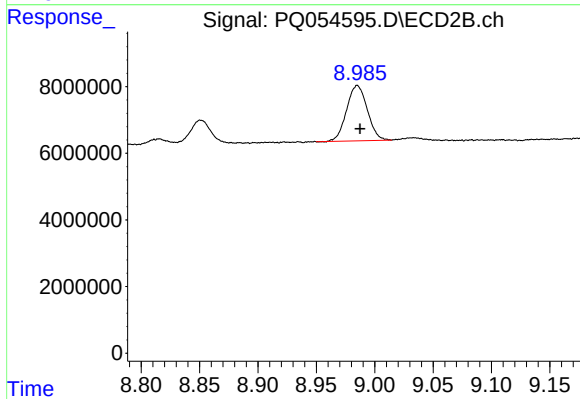
#43 AR-1268-3

R.T.: 8.690 min
Delta R.T.: -0.004 min
Response: 2730966
Conc: 1.36 ng/ml



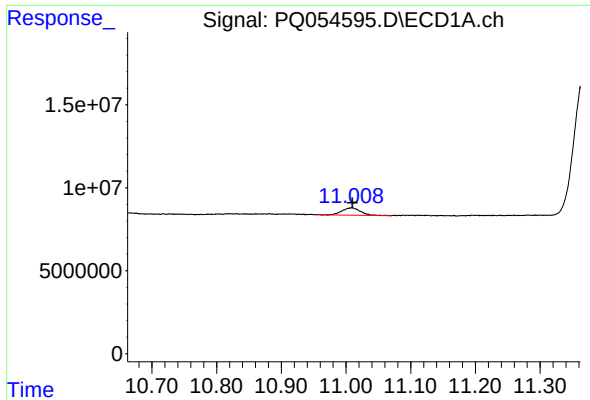
#44 AR-1268-4

R.T.: 10.566 min
Delta R.T.: 0.000 min
Response: 26027905
Conc: 30.50 ng/ml



#44 AR-1268-4

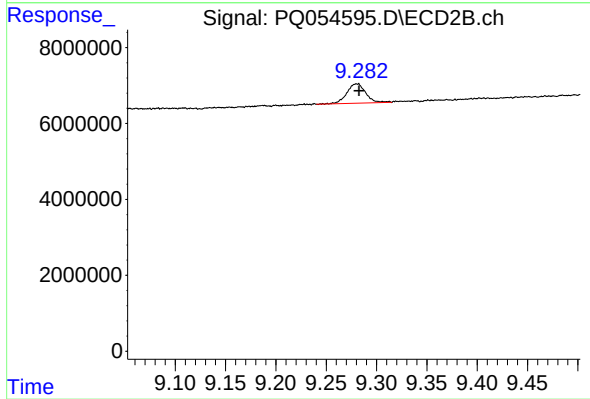
R.T.: 8.985 min
Delta R.T.: -0.002 min
Response: 20516401
Conc: 26.39 ng/ml



#45 AR-1268-5

R.T.: 11.009 min
Delta R.T.: -0.001 min
Response: 8772893
Conc: 1.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.281 min
Delta R.T.: -0.002 min
Response: 6691564
Conc: 1.16 ng/ml