

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072021\
 Data File : PQ053975.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2021 10:59
 Operator : AJ\MA
 Sample : PB137777BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 03:56:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070721CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 08 09:32:57 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...	5.209	4.218	371.4E6	187.2E6	15.566	15.148
2)	SA Decachlor...	11.383	9.551	491.0E6	369.8E6	29.619	31.401
Target Compounds							
3)	L1 AR-1016-1	6.534	5.477	58798186	32982133	78.881	80.144
4)	L1 AR-1016-2	6.559	5.497	92726579	56008616	81.035	86.687
5)	L1 AR-1016-3	6.624	5.690	59325900	25992228	85.345	80.816
6)	L1 AR-1016-4	6.733	5.740	46203763	21692175	81.957	84.419
7)	L1 AR-1016-5	7.044	5.970	43924770	26670310	81.372	82.064
8)	L2 AR-1221-1	5.456	0.000	5276943	0	21.760	N.D. #
9)	L2 AR-1221-2	5.561	4.574	12039544	5068358	72.620	59.194
10)	L2 AR-1221-3	5.648	4.664	32359893	16140717	59.097	53.188
11)	L3 AR-1232-1	5.648	4.664	32359893	16140717	72.571	66.007
12)	L3 AR-1232-2	6.237	5.497	49407826	56008616	201.980	202.578
13)	L3 AR-1232-3	6.559	5.690	92726579	25992228	195.148	196.552
14)	L3 AR-1232-4	6.733	5.785	46203763	25779401	201.316	229.243
15)	L3 AR-1232-5	6.825	5.970	40419827	26670310	241.042	218.675
16)	L4 AR-1242-1	6.534	5.477	58798186	32982133	111.910	115.671
17)	L4 AR-1242-2	6.559	5.497	92726579	56008616	116.731	127.152
18)	L4 AR-1242-3	6.624	5.690	59325900	25992228	122.921	115.602
19)	L4 AR-1242-4	6.733	5.785	46203763	25779401	117.938	120.112
20)	L4 AR-1242-5	7.515	6.349	5532896	22242949	13.395	76.781 #
21)	L5 AR-1248-1	6.534	5.477	58798186	32982133	138.133	141.222
22)	L5 AR-1248-2	6.825	5.740	40419827	21692175	66.334	63.947
23)	L5 AR-1248-3	7.044	5.785	43924770	25779401	64.114	73.478
24)	L5 AR-1248-4	7.473	5.970	6315098	26670310	8.133	63.821 #
25)	L5 AR-1248-5	7.515	6.394	5532896	2738585	7.178	6.307
26)	L6 AR-1254-1	7.442	6.349	33478188	22242949	55.519	42.044
27)	L6 AR-1254-2	7.668	6.507	34622625	21464462	37.557	45.803
28)	L6 AR-1254-3	8.054	6.945	18872967	40885881	19.012	55.009 #
29)	L6 AR-1254-4	8.347	7.168	11767029	4047503	16.257	7.983 #
30)	L6 AR-1254-5	8.775	7.594	112.4E6	79765399	149.628	117.470
31)	L7 AR-1260-1	8.217	7.064	81968127	57812280	92.373	88.863
32)	L7 AR-1260-2	8.481	7.261	92444271	80937592	84.951	89.467
33)	L7 AR-1260-3	8.775	7.416	112.4E6	65858386	89.887	87.359
34)	L7 AR-1260-4	9.090	7.898	71297321	48520682	77.987	74.580
35)	L7 AR-1260-5	9.434	8.145	136.3E6	127.4E6	73.822	71.219
36)	L8 AR-1262-1	8.846	7.594	57430608	79765399	43.135	142.366 #
37)	L8 AR-1262-2	9.434	8.145	136.3E6	127.4E6	55.154	54.770
38)	L8 AR-1262-3	9.766	8.432	23093176	28378912	22.109	30.429 #
39)	L8 AR-1262-4	9.845	8.495	47059231	85983663	76.794	54.343 #
40)	L8 AR-1262-5	10.576	8.998	33390130	25140799	38.963	35.182
41)	L9 AR-1268-1	9.766	8.432	23093176	28378912	7.146	8.935 #

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 Acq On : 20 Jul 2021 10:59
 Operator : AJ\MA
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 Misc :
 ALS Vial : 8 Sample Multiplier: 1

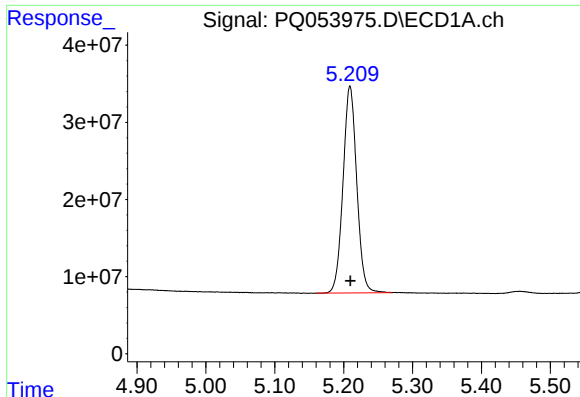
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 03:56:40 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070721CLP.M
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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	9.845	8.495	47059231	85983663	15.951	31.679 #
43) L9	AR-1268-3	10.110	8.704	3506012	3382698	1.421	1.440
44) L9	AR-1268-4	10.576	8.998	33390130	25140799	30.845	27.759
45) L9	AR-1268-5	11.021	9.294	12697916	10261094	1.547	1.566

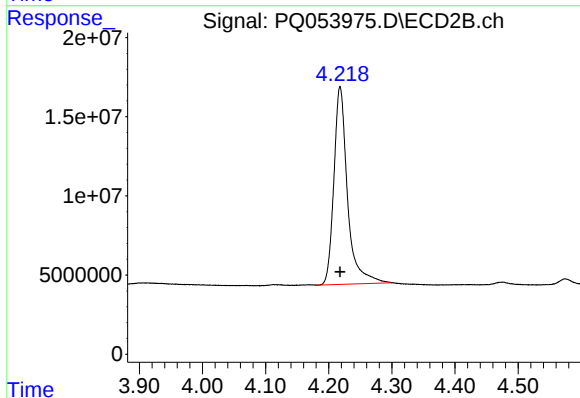
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

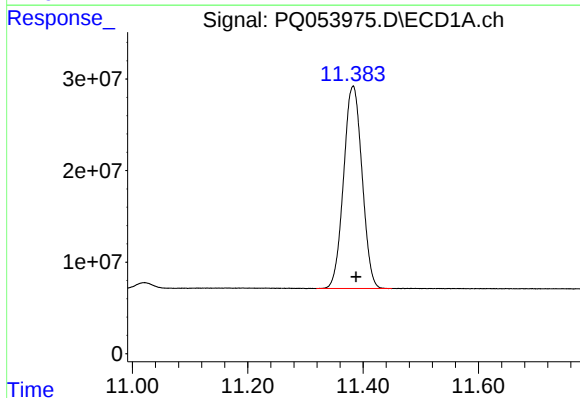
R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 371432110
Conc: 15.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



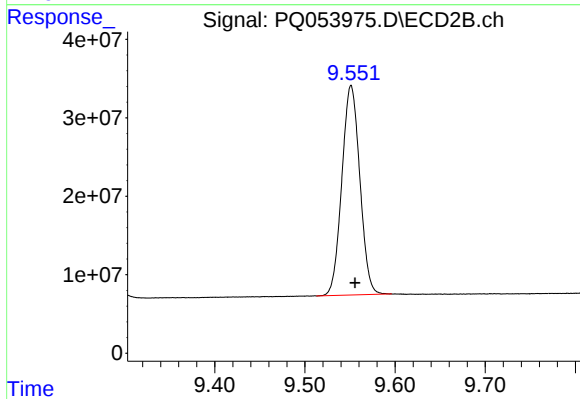
#1 Tetrachloro-m-xylene

R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 187174303
Conc: 15.15 ng/ml



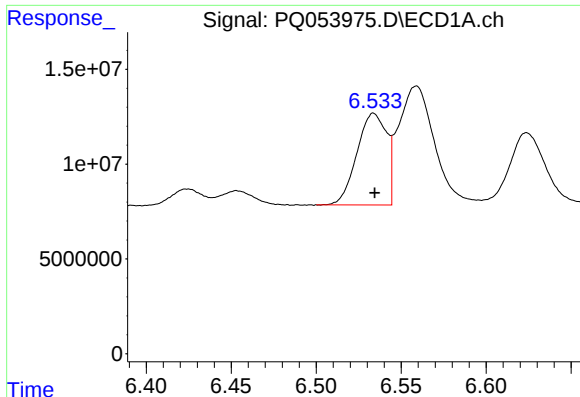
#2 Decachlorobiphenyl

R.T.: 11.383 min
Delta R.T.: -0.005 min
Response: 490968875
Conc: 29.62 ng/ml



#2 Decachlorobiphenyl

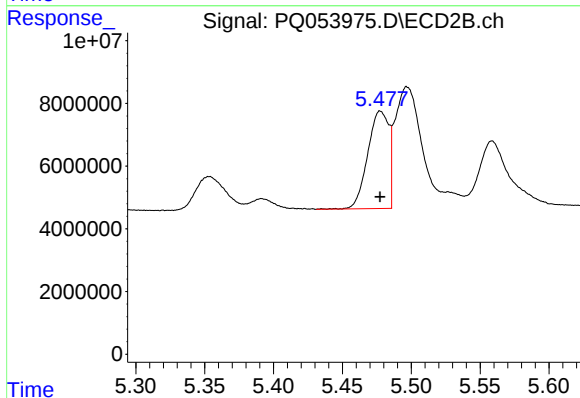
R.T.: 9.551 min
Delta R.T.: -0.004 min
Response: 369841880
Conc: 31.40 ng/ml



#3 AR-1016-1

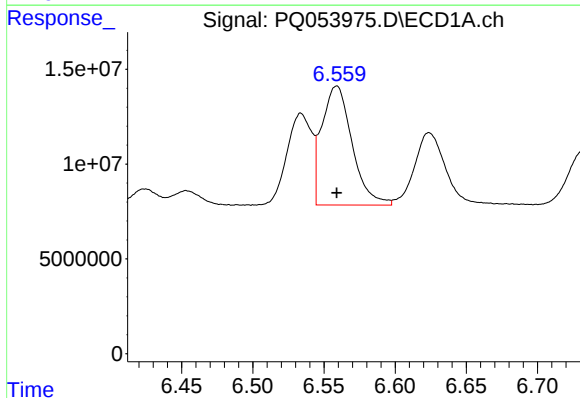
R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 58798186
Conc: 78.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



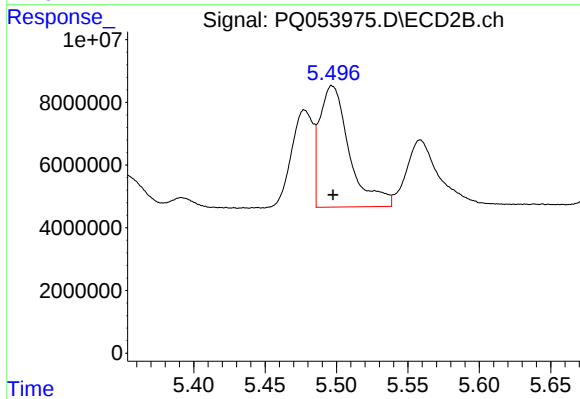
#3 AR-1016-1

R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 32982133
Conc: 80.14 ng/ml



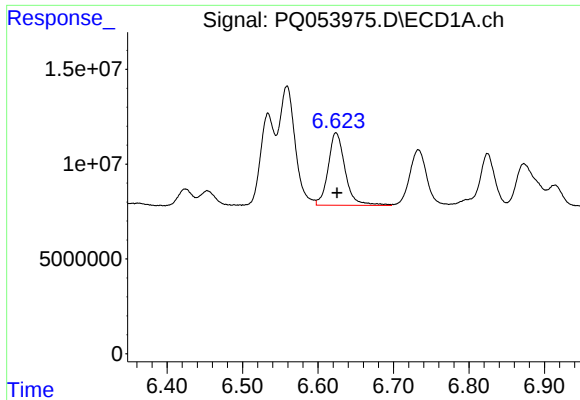
#4 AR-1016-2

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 92726579
Conc: 81.03 ng/ml



#4 AR-1016-2

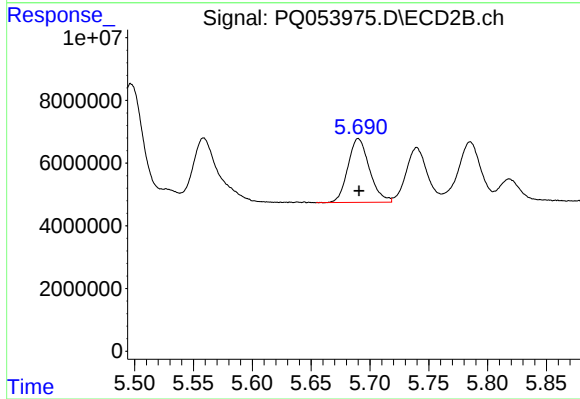
R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 56008616
Conc: 86.69 ng/ml



#5 AR-1016-3

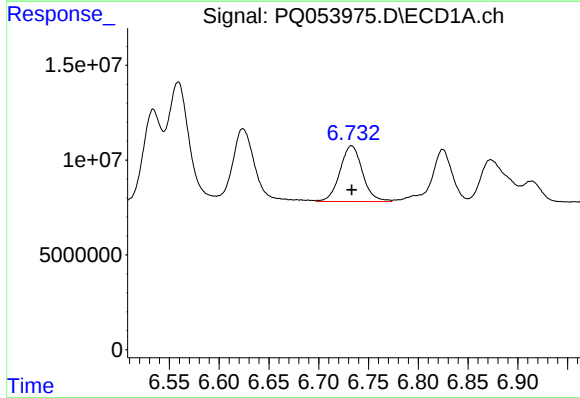
R.T.: 6.624 min
Delta R.T.: -0.001 min
Response: 59325900
Conc: 85.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



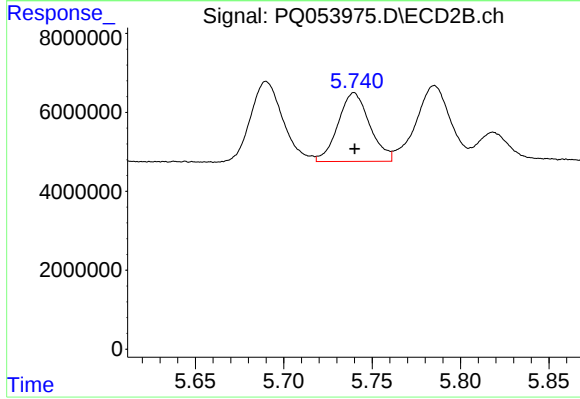
#5 AR-1016-3

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 25992228
Conc: 80.82 ng/ml



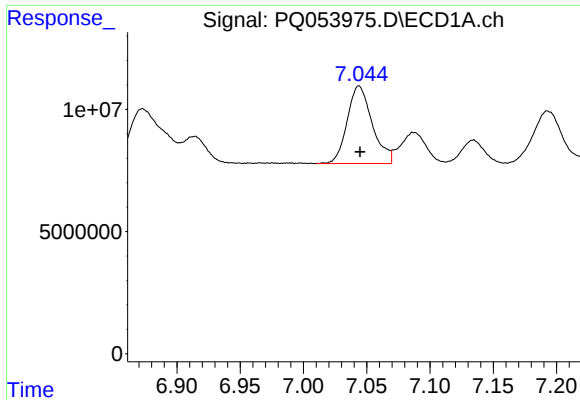
#6 AR-1016-4

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 46203763
Conc: 81.96 ng/ml



#6 AR-1016-4

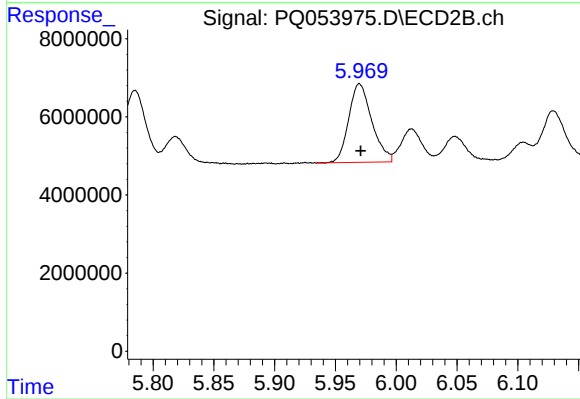
R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 21692175
Conc: 84.42 ng/ml



#7 AR-1016-5

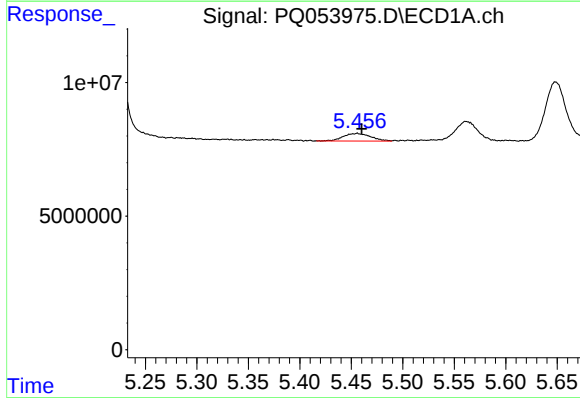
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 43924770
Conc: 81.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



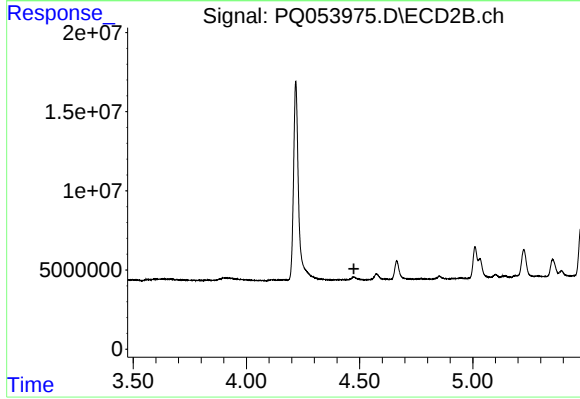
#7 AR-1016-5

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 26670310
Conc: 82.06 ng/ml



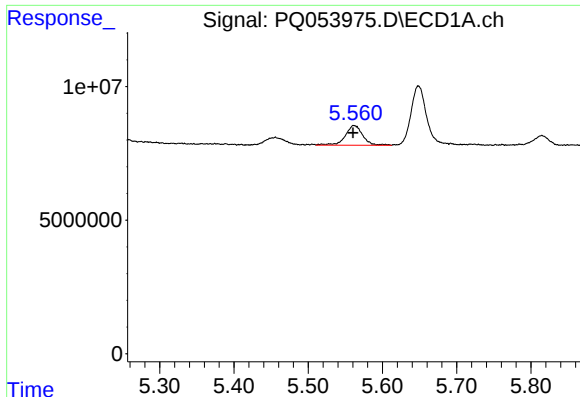
#8 AR-1221-1

R.T.: 5.456 min
Delta R.T.: -0.004 min
Response: 5276943
Conc: 21.76 ng/ml



#8 AR-1221-1

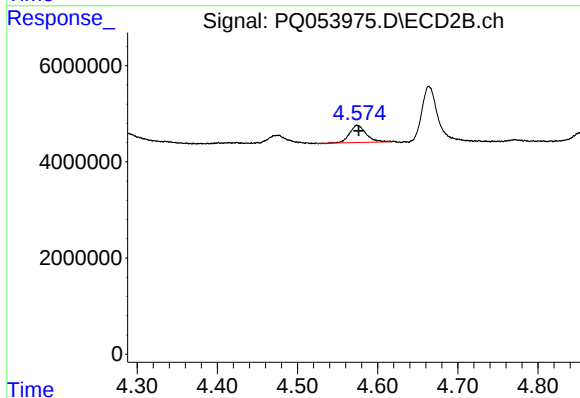
R.T.: 0.000 min
Exp R.T.: 4.475 min
Response: 0
Conc: N.D.



#9 AR-1221-2

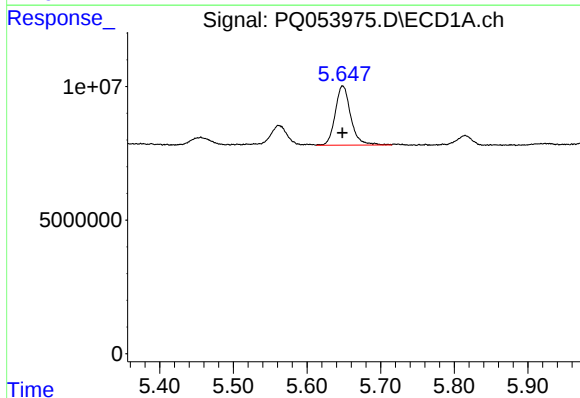
R.T.: 5.561 min
Delta R.T.: 0.000 min
Response: 12039544
Conc: 72.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



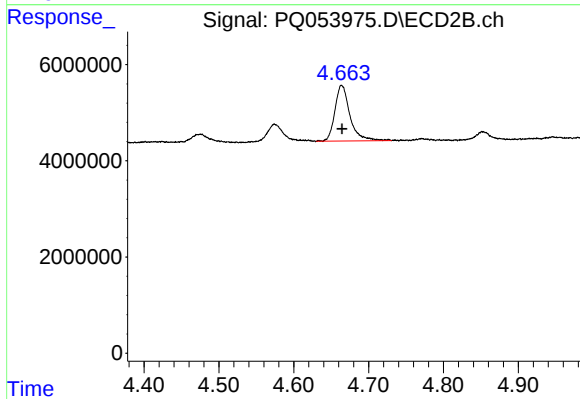
#9 AR-1221-2

R.T.: 4.574 min
Delta R.T.: -0.002 min
Response: 5068358
Conc: 59.19 ng/ml



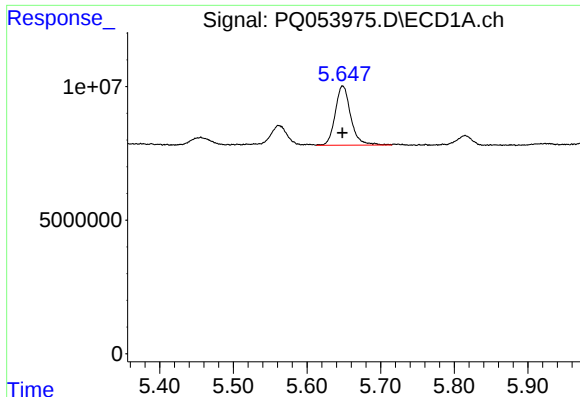
#10 AR-1221-3

R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 32359893
Conc: 59.10 ng/ml



#10 AR-1221-3

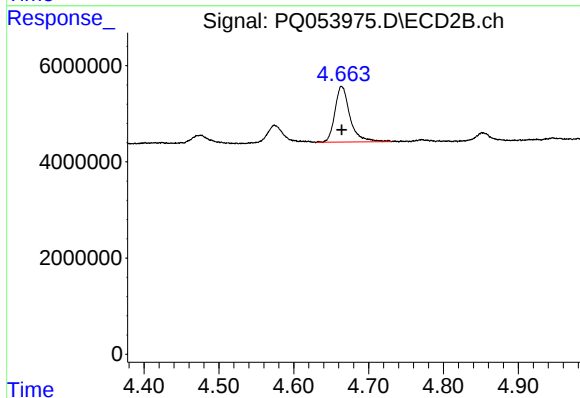
R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 16140717
Conc: 53.19 ng/ml



#11 AR-1232-1

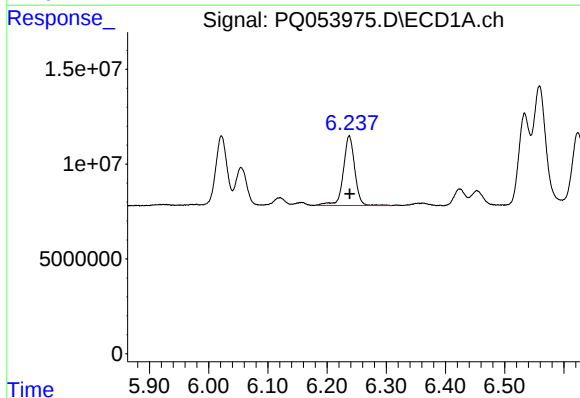
R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 32359893
Conc: 72.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



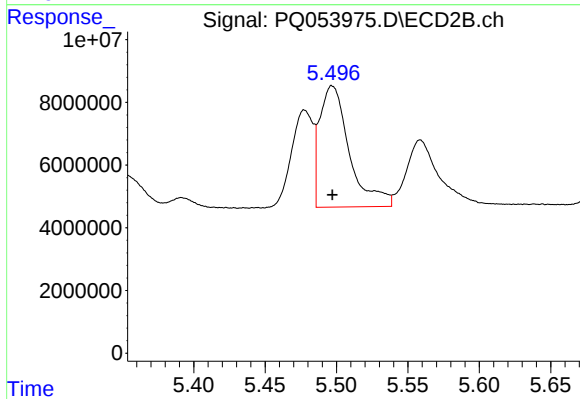
#11 AR-1232-1

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 16140717
Conc: 66.01 ng/ml



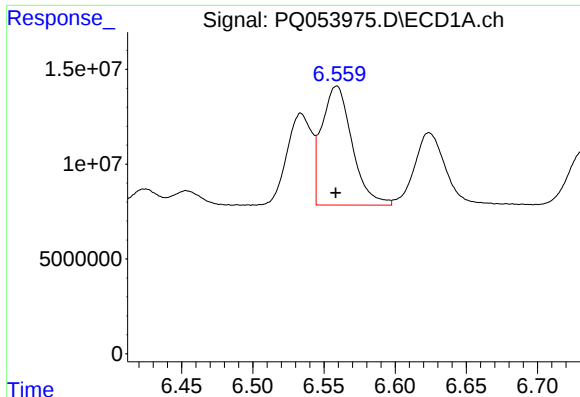
#12 AR-1232-2

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 49407826
Conc: 201.98 ng/ml



#12 AR-1232-2

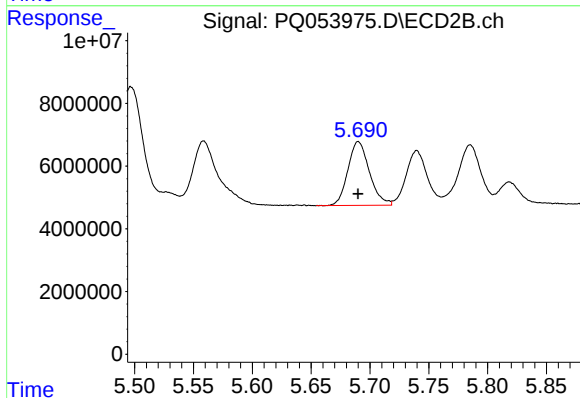
R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 56008616
Conc: 202.58 ng/ml



#13 AR-1232-3

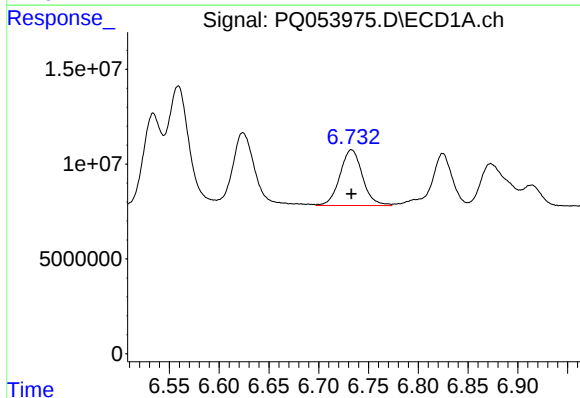
R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 92726579
Conc: 195.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



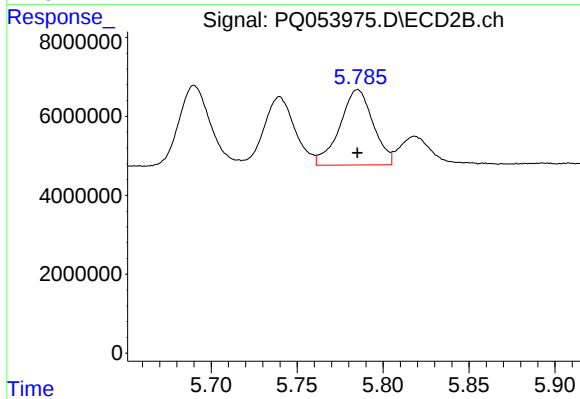
#13 AR-1232-3

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 25992228
Conc: 196.55 ng/ml



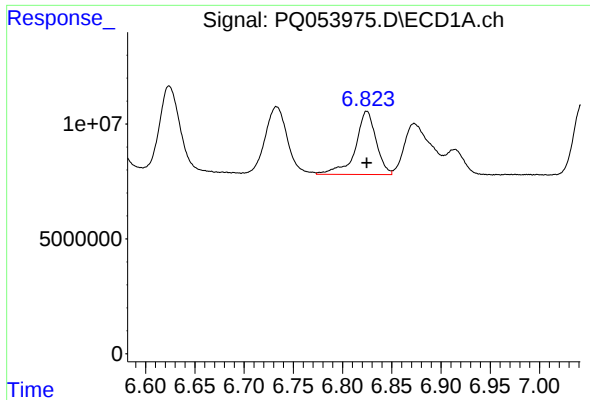
#14 AR-1232-4

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 46203763
Conc: 201.32 ng/ml



#14 AR-1232-4

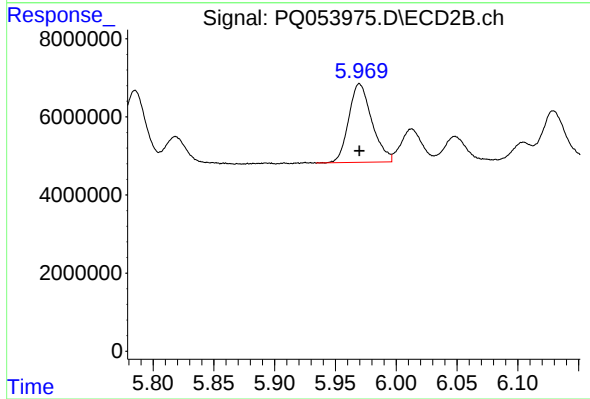
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 25779401
Conc: 229.24 ng/ml



#15 AR-1232-5

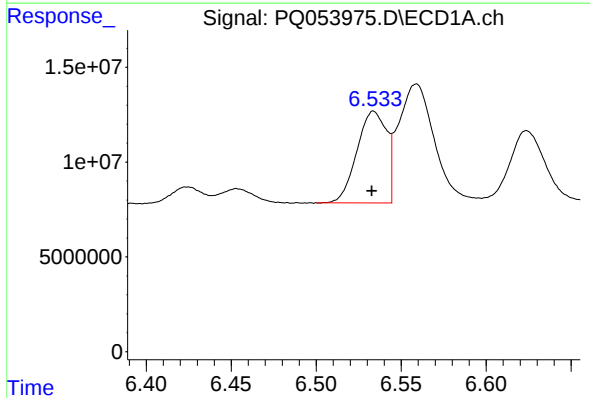
R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 40419827
Conc: 241.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



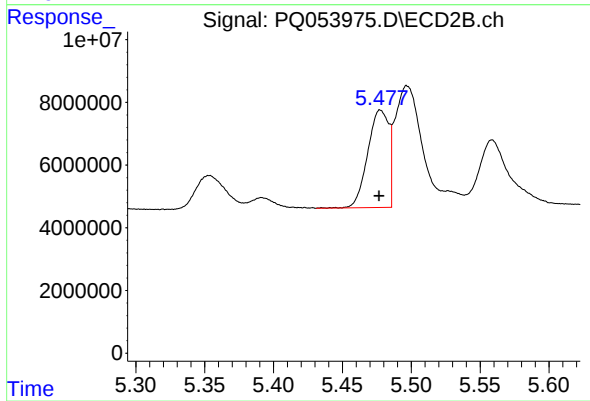
#15 AR-1232-5

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 26670310
Conc: 218.67 ng/ml



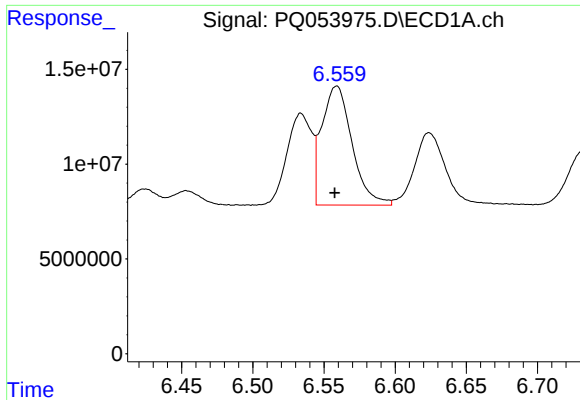
#16 AR-1242-1

R.T.: 6.534 min
Delta R.T.: 0.001 min
Response: 58798186
Conc: 111.91 ng/ml



#16 AR-1242-1

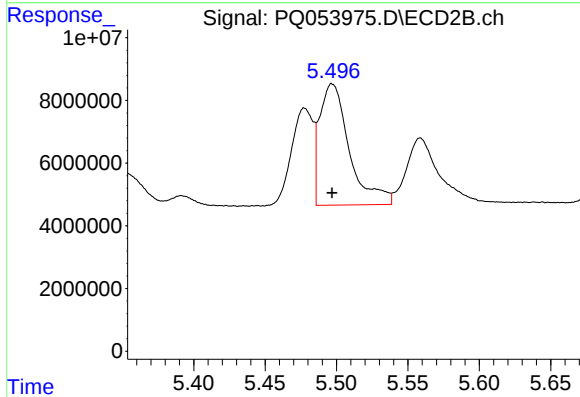
R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 32982133
Conc: 115.67 ng/ml



#17 AR-1242-2

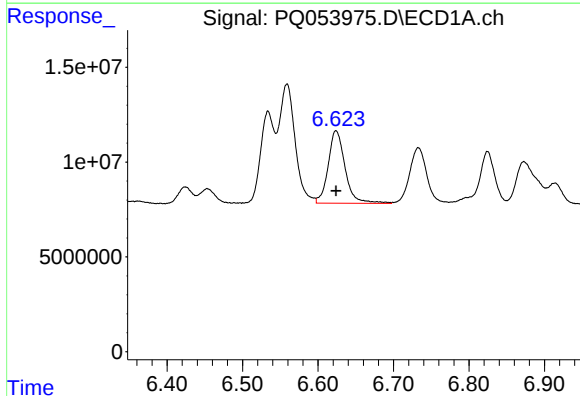
R.T.: 6.559 min
Delta R.T.: 0.001 min
Response: 92726579
Conc: 116.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



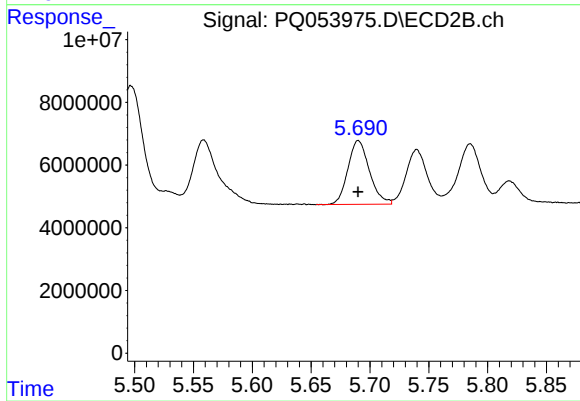
#17 AR-1242-2

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 56008616
Conc: 127.15 ng/ml



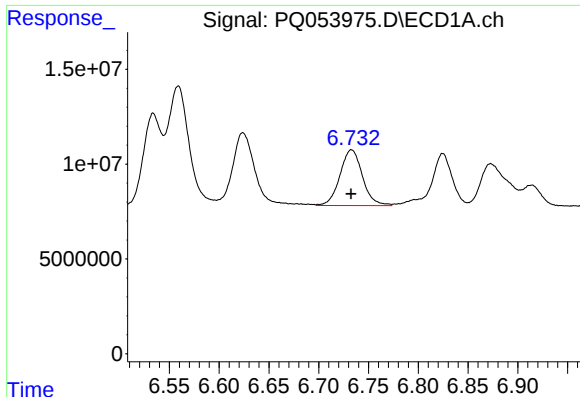
#18 AR-1242-3

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 59325900
Conc: 122.92 ng/ml



#18 AR-1242-3

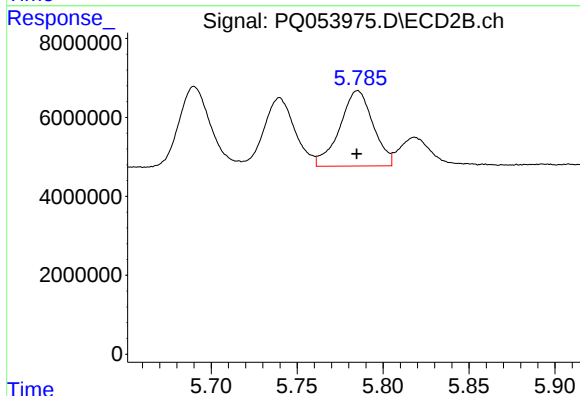
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 25992228
Conc: 115.60 ng/ml



#19 AR-1242-4

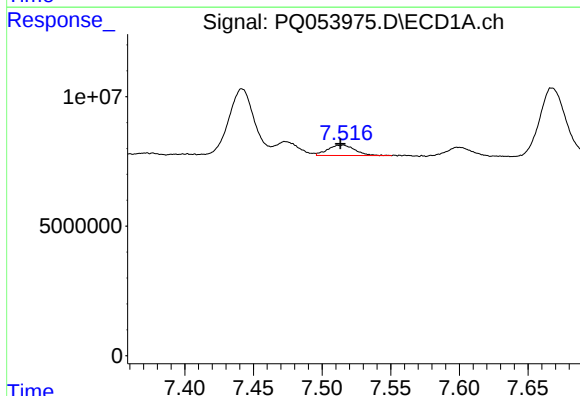
R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 46203763
Conc: 117.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



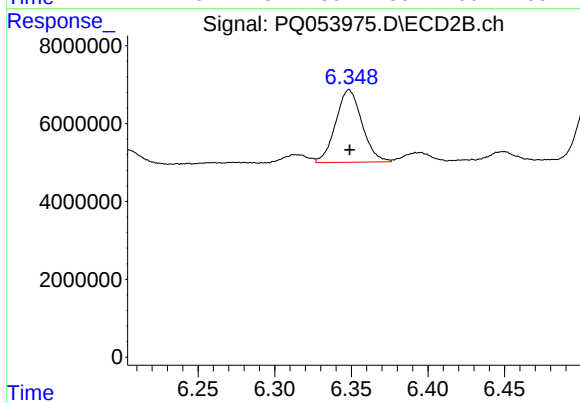
#19 AR-1242-4

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 25779401
Conc: 120.11 ng/ml



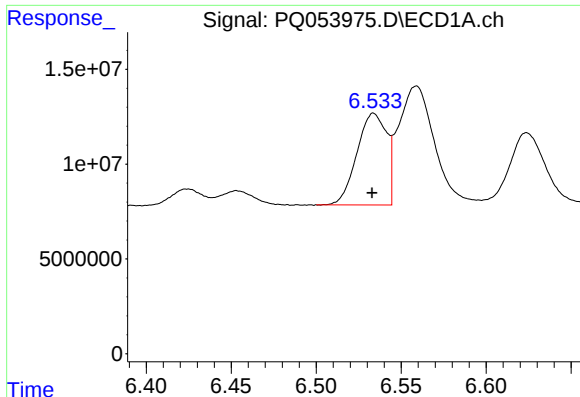
#20 AR-1242-5

R.T.: 7.515 min
Delta R.T.: 0.002 min
Response: 5532896
Conc: 13.39 ng/ml



#20 AR-1242-5

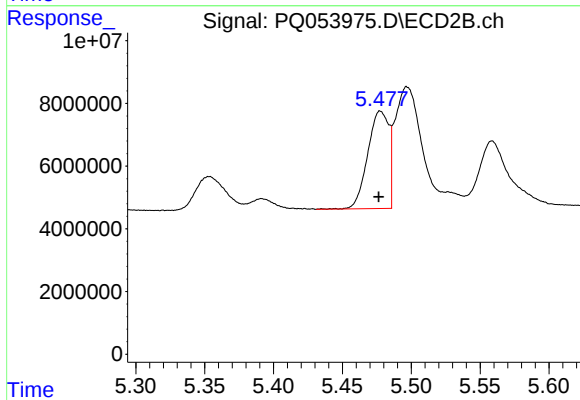
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 22242949
Conc: 76.78 ng/ml



#21 AR-1248-1

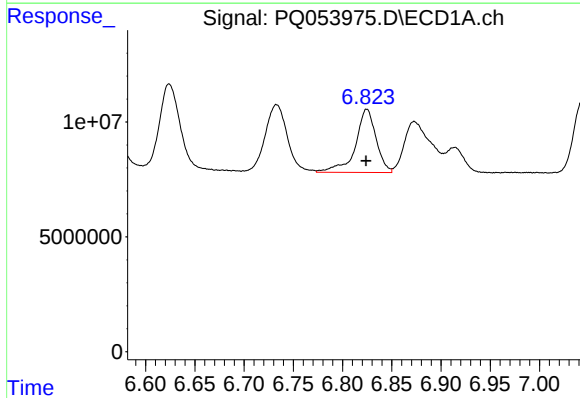
R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 58798186
Conc: 138.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



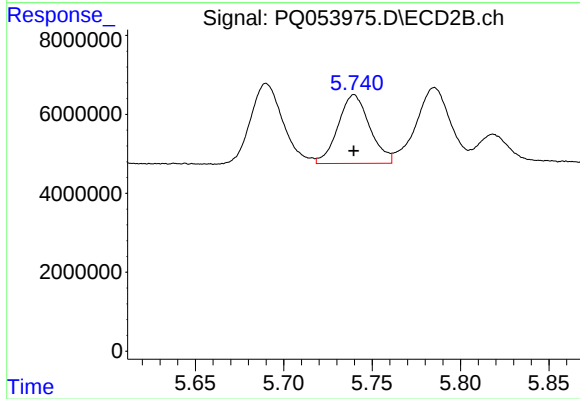
#21 AR-1248-1

R.T.: 5.477 min
Delta R.T.: 0.001 min
Response: 32982133
Conc: 141.22 ng/ml



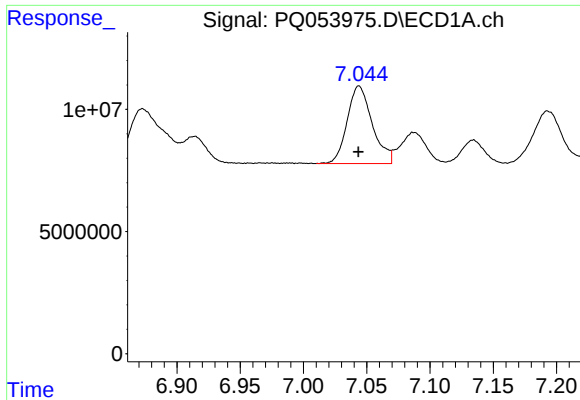
#22 AR-1248-2

R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 40419827
Conc: 66.33 ng/ml



#22 AR-1248-2

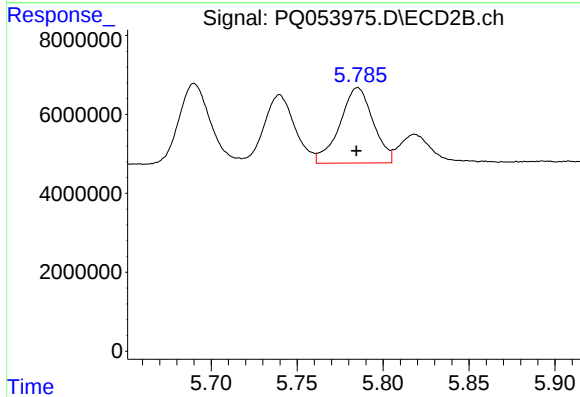
R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 21692175
Conc: 63.95 ng/ml



#23 AR-1248-3

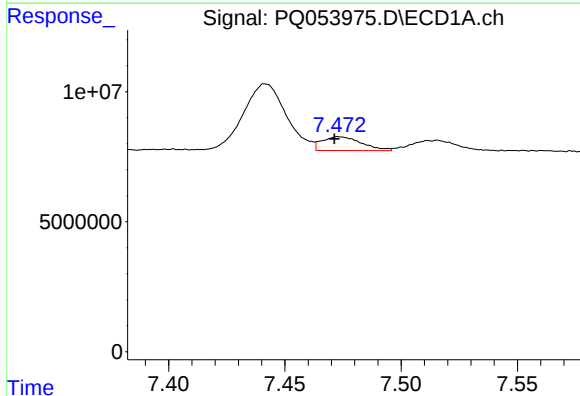
R.T.: 7.044 min
Delta R.T.: 0.000 min
Response: 43924770
Conc: 64.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



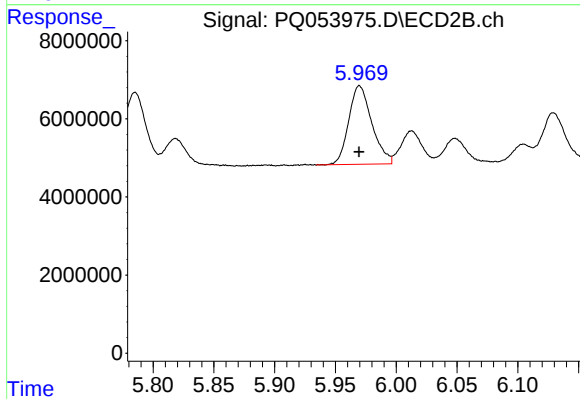
#23 AR-1248-3

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 25779401
Conc: 73.48 ng/ml



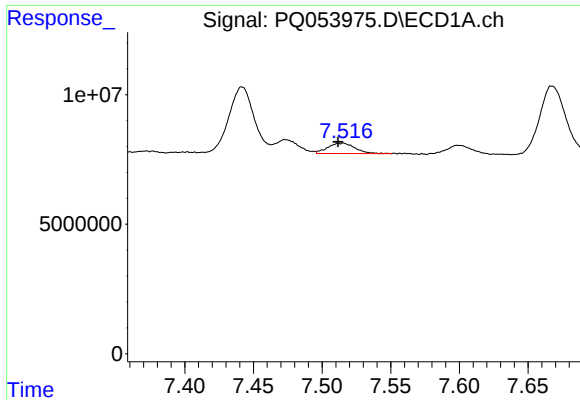
#24 AR-1248-4

R.T.: 7.473 min
Delta R.T.: 0.002 min
Response: 6315098
Conc: 8.13 ng/ml



#24 AR-1248-4

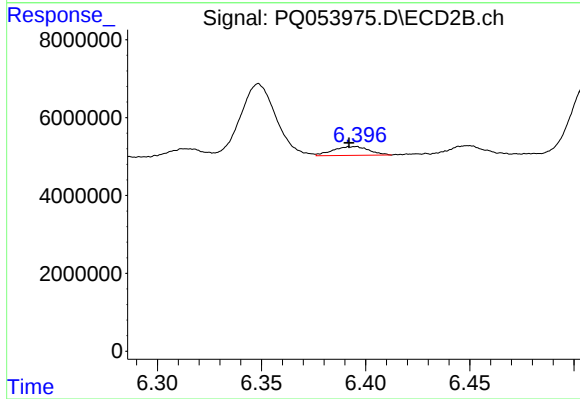
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 26670310
Conc: 63.82 ng/ml



#25 AR-1248-5

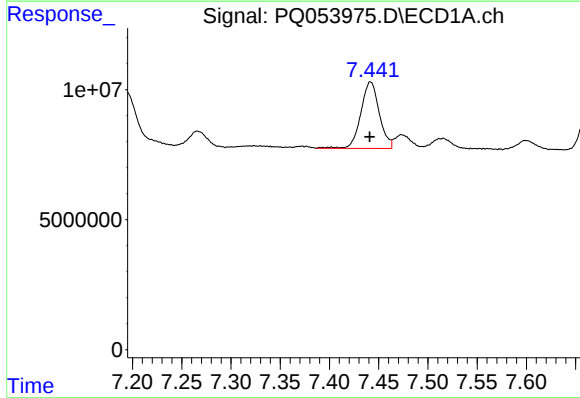
R.T.: 7.515 min
Delta R.T.: 0.004 min
Response: 5532896
Conc: 7.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



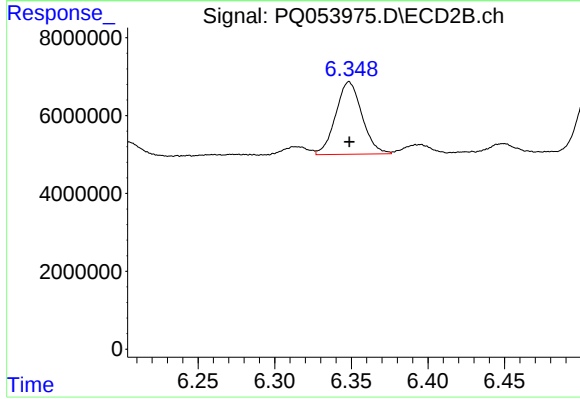
#25 AR-1248-5

R.T.: 6.394 min
Delta R.T.: 0.002 min
Response: 2738585
Conc: 6.31 ng/ml



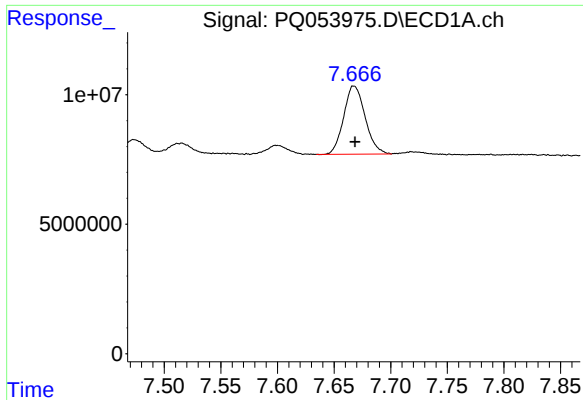
#26 AR-1254-1

R.T.: 7.442 min
Delta R.T.: 0.000 min
Response: 33478188
Conc: 55.52 ng/ml



#26 AR-1254-1

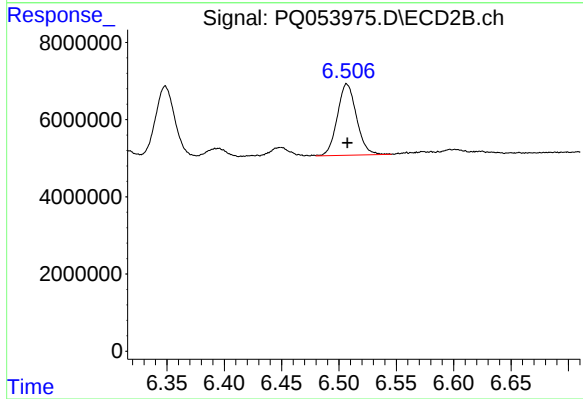
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 22242949
Conc: 42.04 ng/ml



#27 AR-1254-2

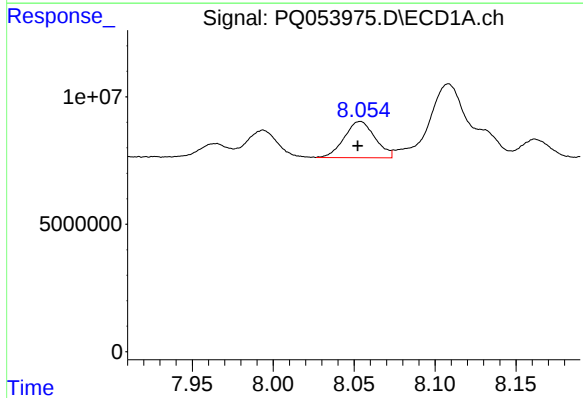
R.T.: 7.668 min
Delta R.T.: 0.000 min
Response: 34622625
Conc: 37.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



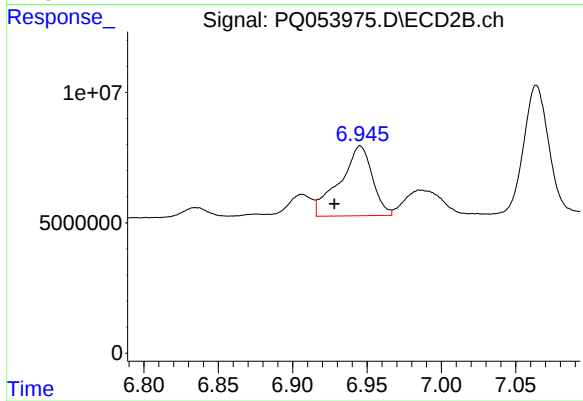
#27 AR-1254-2

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 21464462
Conc: 45.80 ng/ml



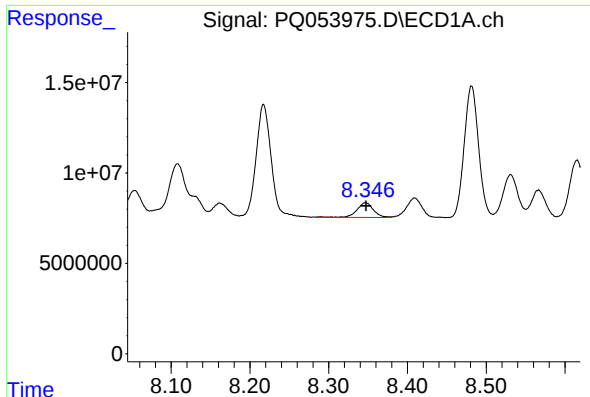
#28 AR-1254-3

R.T.: 8.054 min
Delta R.T.: 0.001 min
Response: 18872967
Conc: 19.01 ng/ml



#28 AR-1254-3

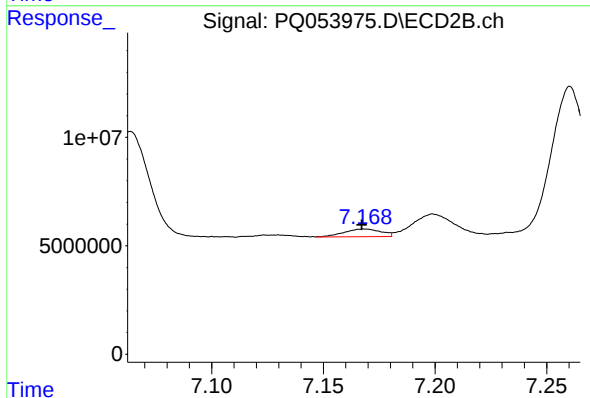
R.T.: 6.945 min
Delta R.T.: 0.017 min
Response: 40885881
Conc: 55.01 ng/ml



#29 AR-1254-4

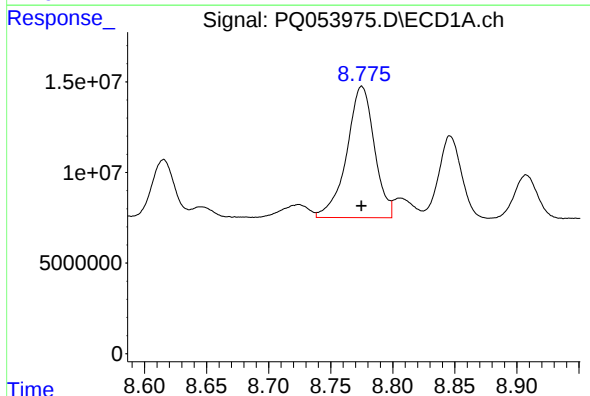
R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 11767029
Conc: 16.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



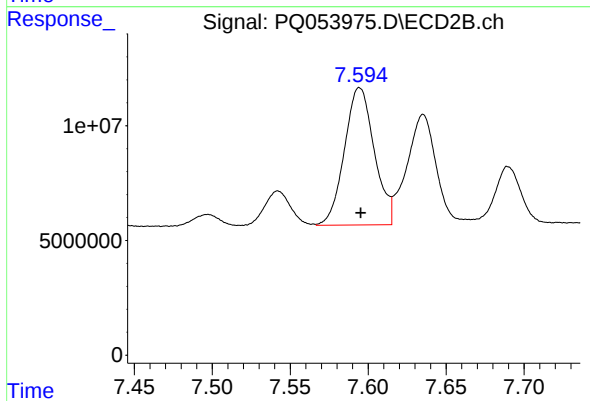
#29 AR-1254-4

R.T.: 7.168 min
Delta R.T.: 0.001 min
Response: 4047503
Conc: 7.98 ng/ml



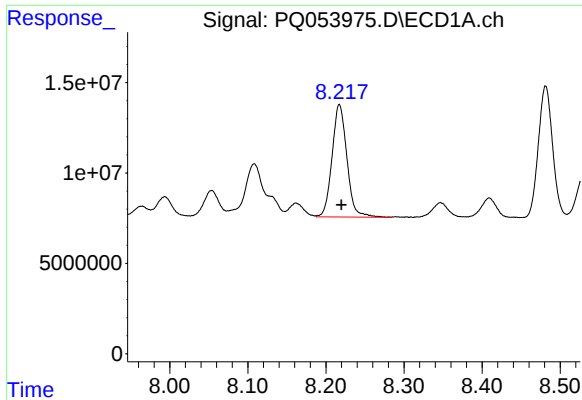
#30 AR-1254-5

R.T.: 8.775 min
Delta R.T.: 0.000 min
Response: 112444297
Conc: 149.63 ng/ml



#30 AR-1254-5

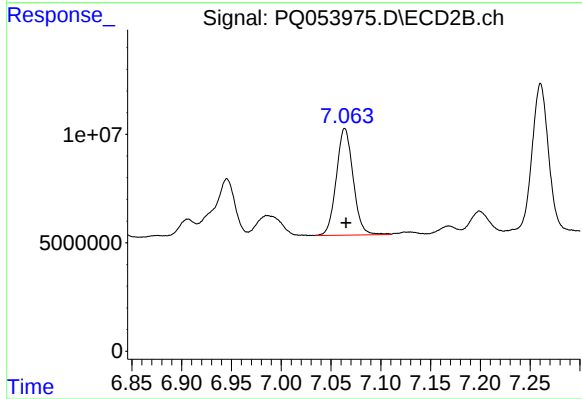
R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 79765399
Conc: 117.47 ng/ml



#31 AR-1260-1

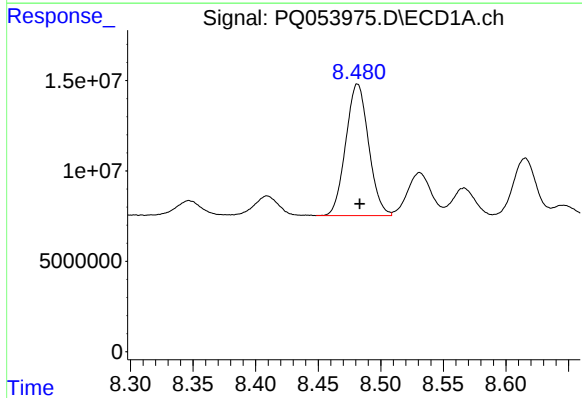
R.T.: 8.217 min
Delta R.T.: -0.002 min
Response: 81968127
Conc: 92.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



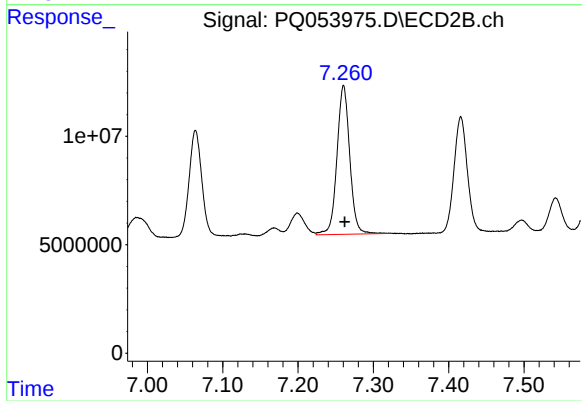
#31 AR-1260-1

R.T.: 7.064 min
Delta R.T.: -0.001 min
Response: 57812280
Conc: 88.86 ng/ml



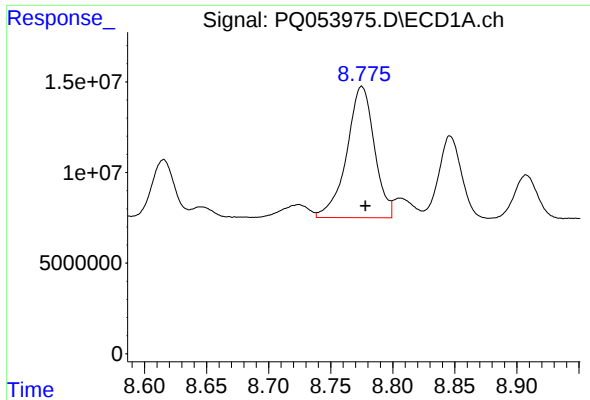
#32 AR-1260-2

R.T.: 8.481 min
Delta R.T.: -0.002 min
Response: 92444271
Conc: 84.95 ng/ml



#32 AR-1260-2

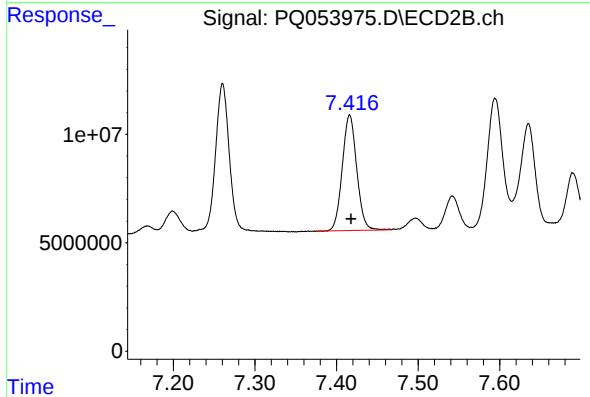
R.T.: 7.261 min
Delta R.T.: -0.001 min
Response: 80937592
Conc: 89.47 ng/ml



#33 AR-1260-3

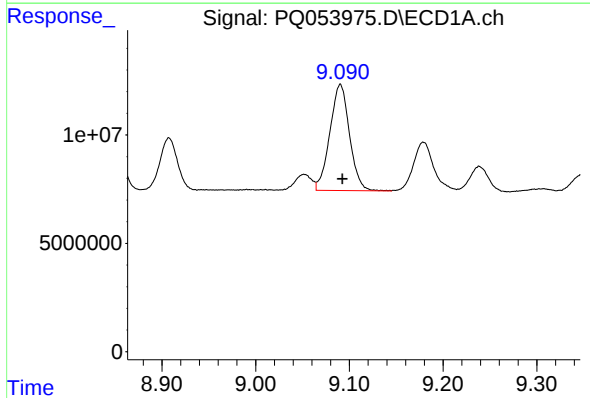
R.T.: 8.775 min
Delta R.T.: -0.003 min
Response: 112444297
Conc: 89.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



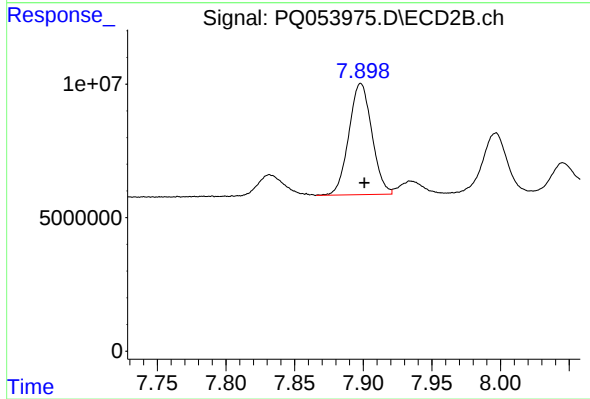
#33 AR-1260-3

R.T.: 7.416 min
Delta R.T.: -0.002 min
Response: 65858386
Conc: 87.36 ng/ml



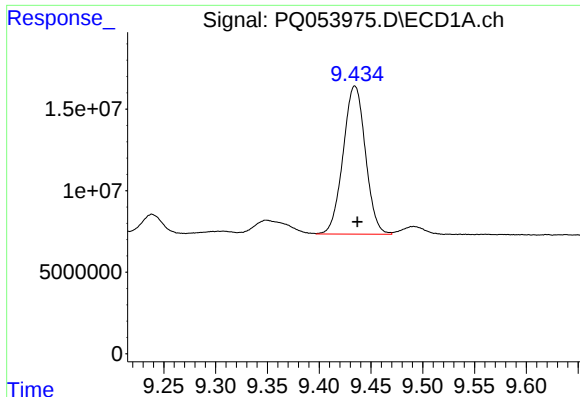
#34 AR-1260-4

R.T.: 9.090 min
Delta R.T.: -0.002 min
Response: 71297321
Conc: 77.99 ng/ml



#34 AR-1260-4

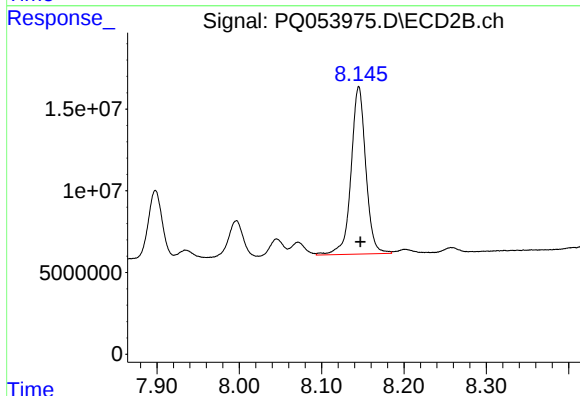
R.T.: 7.898 min
Delta R.T.: -0.003 min
Response: 48520682
Conc: 74.58 ng/ml



#35 AR-1260-5

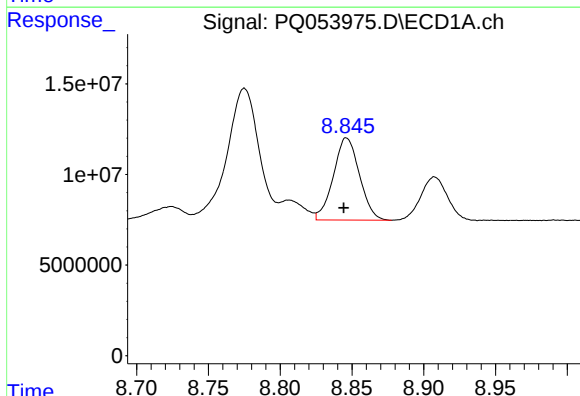
R.T.: 9.434 min
Delta R.T.: -0.003 min
Response: 136293325
Conc: 73.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



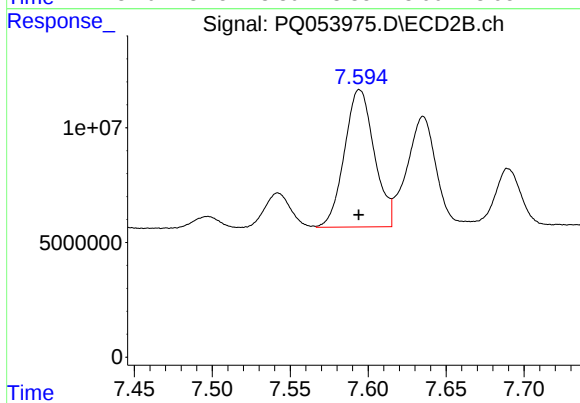
#35 AR-1260-5

R.T.: 8.145 min
Delta R.T.: -0.002 min
Response: 127408790
Conc: 71.22 ng/ml



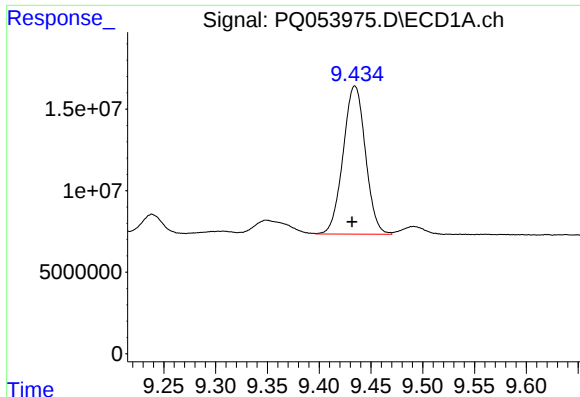
#36 AR-1262-1

R.T.: 8.846 min
Delta R.T.: 0.002 min
Response: 57430608
Conc: 43.14 ng/ml



#36 AR-1262-1

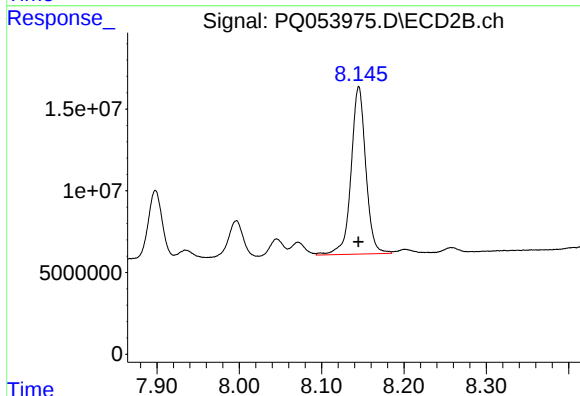
R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 79765399
Conc: 142.37 ng/ml



#37 AR-1262-2

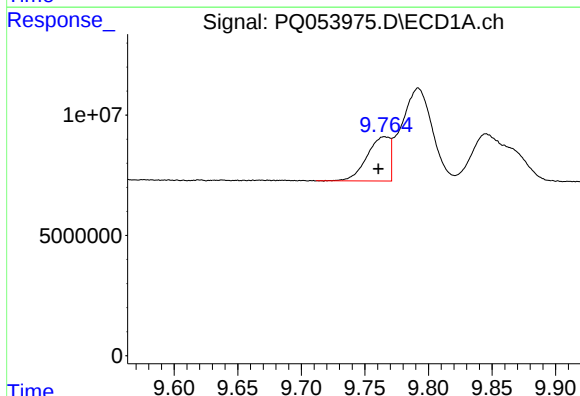
R.T.: 9.434 min
Delta R.T.: 0.003 min
Response: 136293325
Conc: 55.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



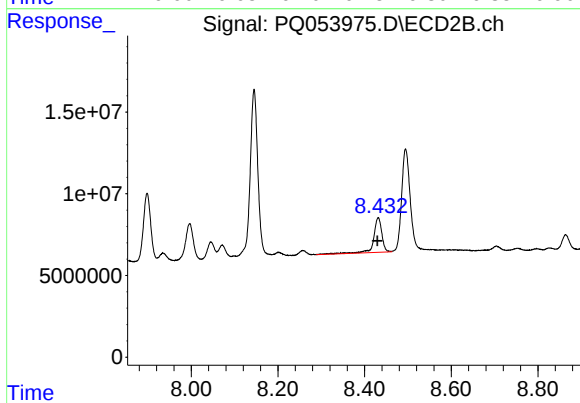
#37 AR-1262-2

R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 127408790
Conc: 54.77 ng/ml



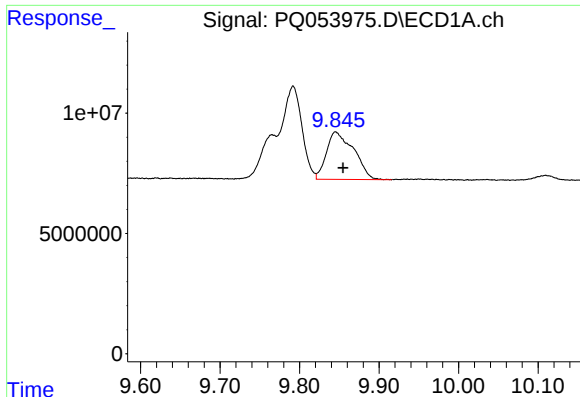
#38 AR-1262-3

R.T.: 9.766 min
Delta R.T.: 0.005 min
Response: 23093176
Conc: 22.11 ng/ml



#38 AR-1262-3

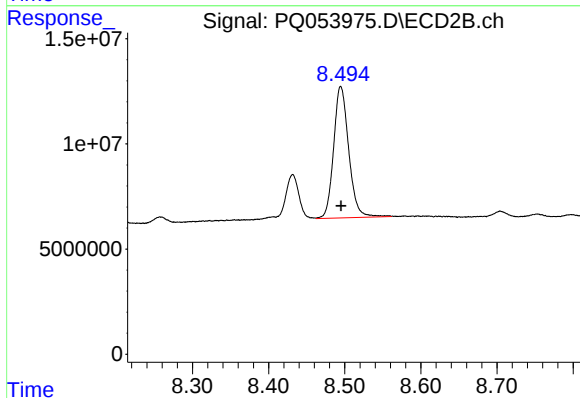
R.T.: 8.432 min
Delta R.T.: 0.002 min
Response: 28378912
Conc: 30.43 ng/ml



#39 AR-1262-4

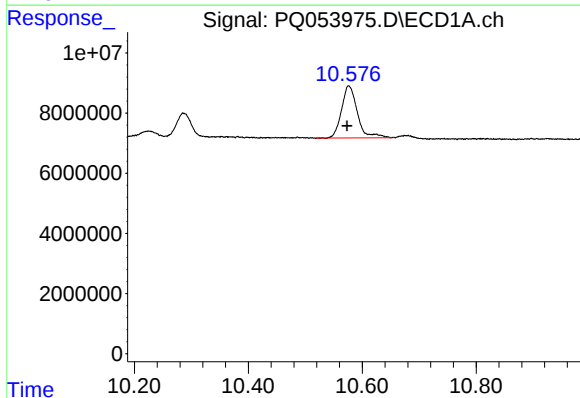
R.T.: 9.845 min
Delta R.T.: -0.010 min
Response: 47059231
Conc: 76.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



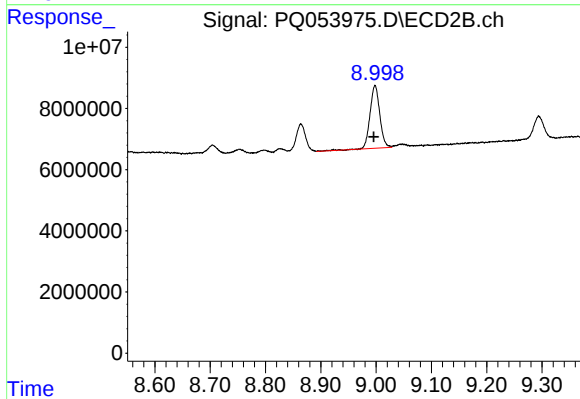
#39 AR-1262-4

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 85983663
Conc: 54.34 ng/ml



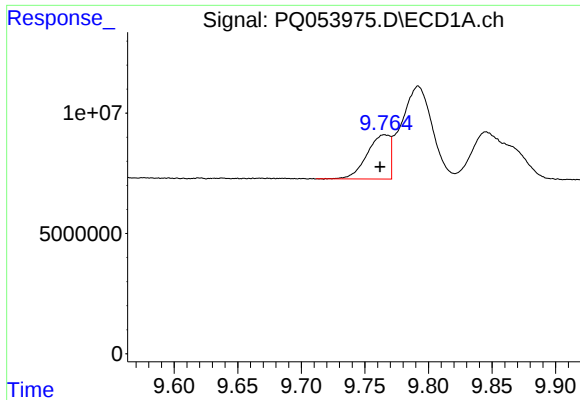
#40 AR-1262-5

R.T.: 10.576 min
Delta R.T.: 0.003 min
Response: 33390130
Conc: 38.96 ng/ml



#40 AR-1262-5

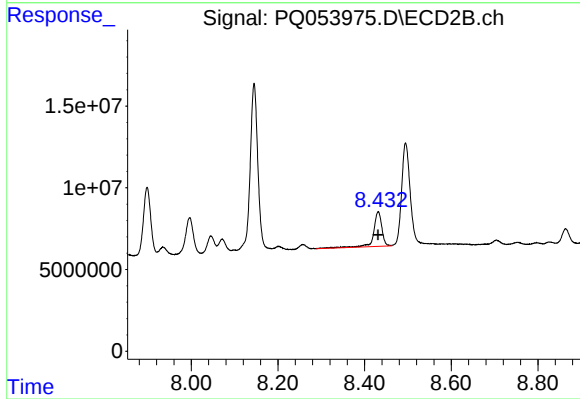
R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 25140799
Conc: 35.18 ng/ml



#41 AR-1268-1

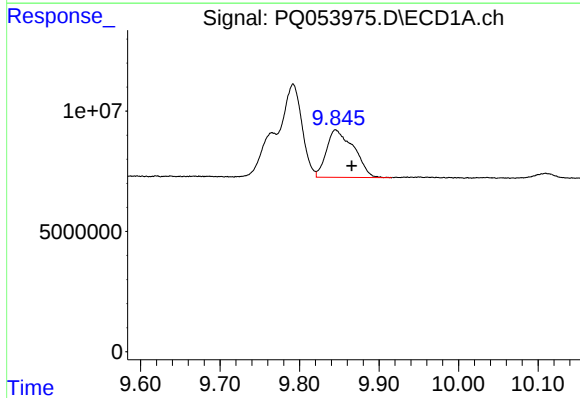
R.T.: 9.766 min
Delta R.T.: 0.004 min
Response: 23093176
Conc: 7.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



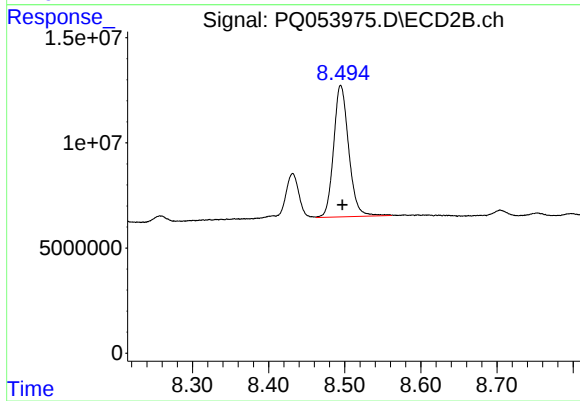
#41 AR-1268-1

R.T.: 8.432 min
Delta R.T.: 0.000 min
Response: 28378912
Conc: 8.94 ng/ml



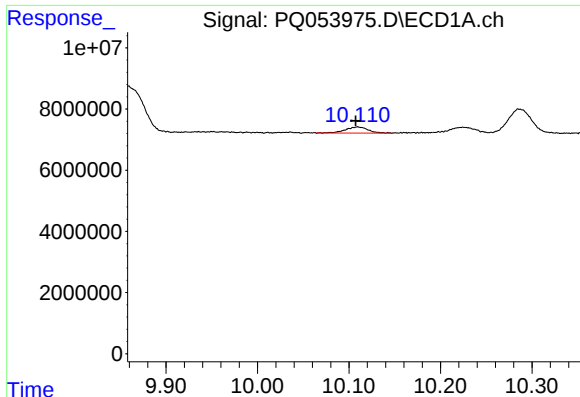
#42 AR-1268-2

R.T.: 9.845 min
Delta R.T.: -0.020 min
Response: 47059231
Conc: 15.95 ng/ml



#42 AR-1268-2

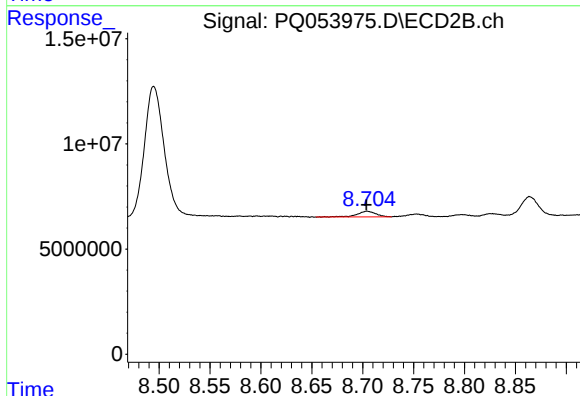
R.T.: 8.495 min
Delta R.T.: -0.002 min
Response: 85983663
Conc: 31.68 ng/ml



#43 AR-1268-3

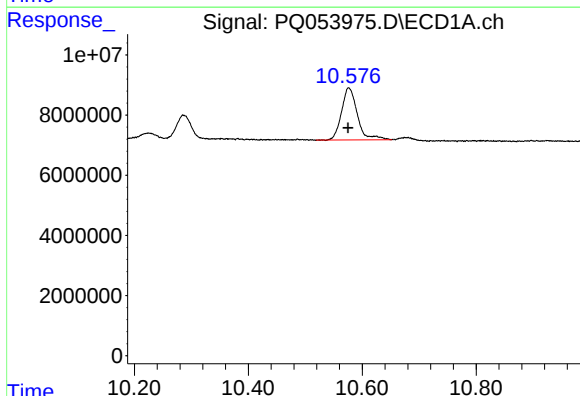
R.T.: 10.110 min
Delta R.T.: 0.002 min
Response: 3506012
Conc: 1.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



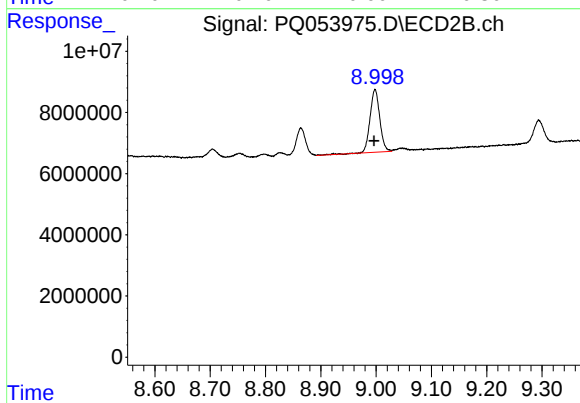
#43 AR-1268-3

R.T.: 8.704 min
Delta R.T.: 0.000 min
Response: 3382698
Conc: 1.44 ng/ml



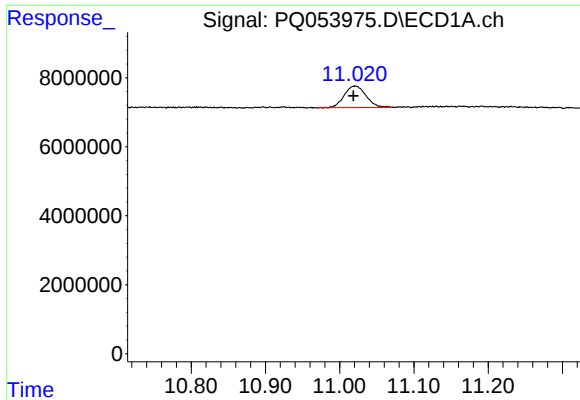
#44 AR-1268-4

R.T.: 10.576 min
Delta R.T.: 0.000 min
Response: 33390130
Conc: 30.85 ng/ml



#44 AR-1268-4

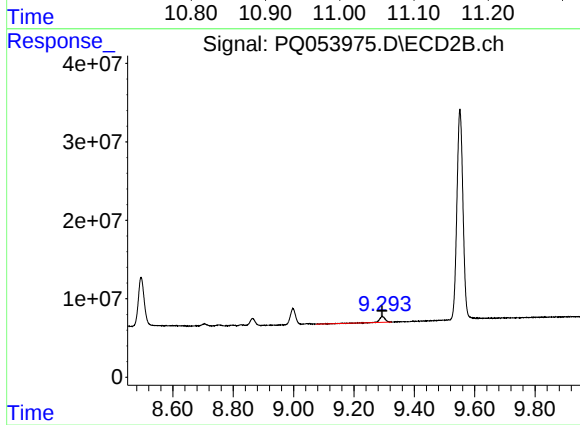
R.T.: 8.998 min
Delta R.T.: 0.002 min
Response: 25140799
Conc: 27.76 ng/ml



#45 AR-1268-5

R.T.: 11.021 min
Delta R.T.: 0.002 min
Response: 12697916
Conc: 1.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.294 min
Delta R.T.: 0.001 min
Response: 10261094
Conc: 1.57 ng/ml