

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072021\
 Data File : PQ053984.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2021 13:43
 Operator : AJ\MA
 Sample : M3036-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 04:03:27 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	4.217	595.0E6	323.9E6	24.937	26.215
2)	SA Decachlor...	11.385	9.552	715.6E6	581.7E6	43.170	49.389
Target Compounds							
3)	L1 AR-1016-1	6.534	5.475	15211615	9096687	20.407	22.104
4)	L1 AR-1016-2	6.560	5.497	44786890	21075936	39.140	32.620
5)	L1 AR-1016-3	6.626	5.690	11695839	15941541	16.825	49.566 #
6)	L1 AR-1016-4	6.730	5.739	20703092	338.5E6	36.723	1317.172 #
7)	L1 AR-1016-5	7.043	5.969	337.6E6	213.3E6	625.379	656.201
9)	L2 AR-1221-2	5.564	4.566	14844189	12360498	89.538	144.359 #
12)	L3 AR-1232-2	6.237	5.497	14173184	21075936	57.940	76.230 #
13)	L3 AR-1232-3	6.560	5.690	44786890	15941541	94.256	120.549 #
14)	L3 AR-1232-4	6.730	5.783	20703092	106.6E6	90.206	947.944 #
15)	L3 AR-1232-5	6.823	5.969	522.6E6	213.3E6	3116.624	1748.576 #
16)	L4 AR-1242-1	6.534	5.475	15211615	9096687	28.952	31.903
17)	L4 AR-1242-2	6.560	5.497	44786890	21075936	56.381	47.847
18)	L4 AR-1242-3	6.626	5.690	11695839	15941541	24.233	70.901 #
19)	L4 AR-1242-4	6.730	5.783	20703092	106.6E6	52.846	496.674 #
20)	L4 AR-1242-5	7.514	6.348	428.4E6	1050.4E6	1037.058	3625.798 #
21)	L5 AR-1248-1	6.534	5.475	15211615	9096687	35.736	38.950
22)	L5 AR-1248-2	6.823	5.739	522.6E6	338.5E6	857.679	997.746
23)	L5 AR-1248-3	7.043	5.783	337.6E6	106.6E6	492.739	303.837 #
24)	L5 AR-1248-4	7.471	5.969	474.5E6	213.3E6	611.126	510.328
25)	L5 AR-1248-5	7.514	6.391	428.4E6	153.7E6	555.734	353.896 #
26)	L6 AR-1254-1	7.440	6.348	1189.0E6	1050.4E6	1971.747	1985.441
27)	L6 AR-1254-2	7.668	6.507	2074.0E6	1163.4E6	2249.735	2482.644
28)	L6 AR-1254-3	8.052	6.927	2649.0E6	2078.6E6	2668.537	2796.625
29)	L6 AR-1254-4	8.348	7.166	2162.4E6	1636.3E6	2987.532	3227.302
30)	L6 AR-1254-5	8.776	7.596	2429.6E6	2380.0E6	3232.977	3504.952
31)	L7 AR-1260-1	8.218	7.065	977.0E6	981.8E6	1100.996	1509.056 #
32)	L7 AR-1260-2	8.481	7.260	1293.5E6	1097.0E6	1188.686	1212.573
33)	L7 AR-1260-3	8.776	7.414	2429.6E6	882.1E6	1942.173	1170.068 #
34)	L7 AR-1260-4	9.083	7.899	979.0E6	119.5E6	1070.828	183.707 #
35)	L7 AR-1260-5	9.434	8.145	460.7E6	359.3E6	249.515	200.840
36)	L8 AR-1262-1	8.840	7.596	293.2E6	2380.0E6	220.203	4247.776 #
37)	L8 AR-1262-2	9.434	8.145	460.7E6	359.3E6	186.418	154.453
38)	L8 AR-1262-3	9.792	8.432	301.7E6	28722785	288.836	30.798 #
39)	L8 AR-1262-4	9.846	8.494	85240966	316.2E6	139.101	199.851 #
40)	L8 AR-1262-5	10.579	8.999	42785549	43002754	49.926	60.178
41)	L9 AR-1268-1	9.792	8.432	301.7E6	28722785	93.359	9.044 #
42)	L9 AR-1268-2	9.846	8.494	85240966	316.2E6	28.893	116.501 #
43)	L9 AR-1268-3	10.109	8.707	4702108	34109300	1.906	14.520 #
44)	L9 AR-1268-4	10.579	8.999	42785549	43002754	39.524	47.482

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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2021 13:43
Operator : AJ\MA
Sample : M3036-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 04:03:27 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
45)	L9 AR-1268-5	11.023	9.295	18750440	12847994	2.284	1.961

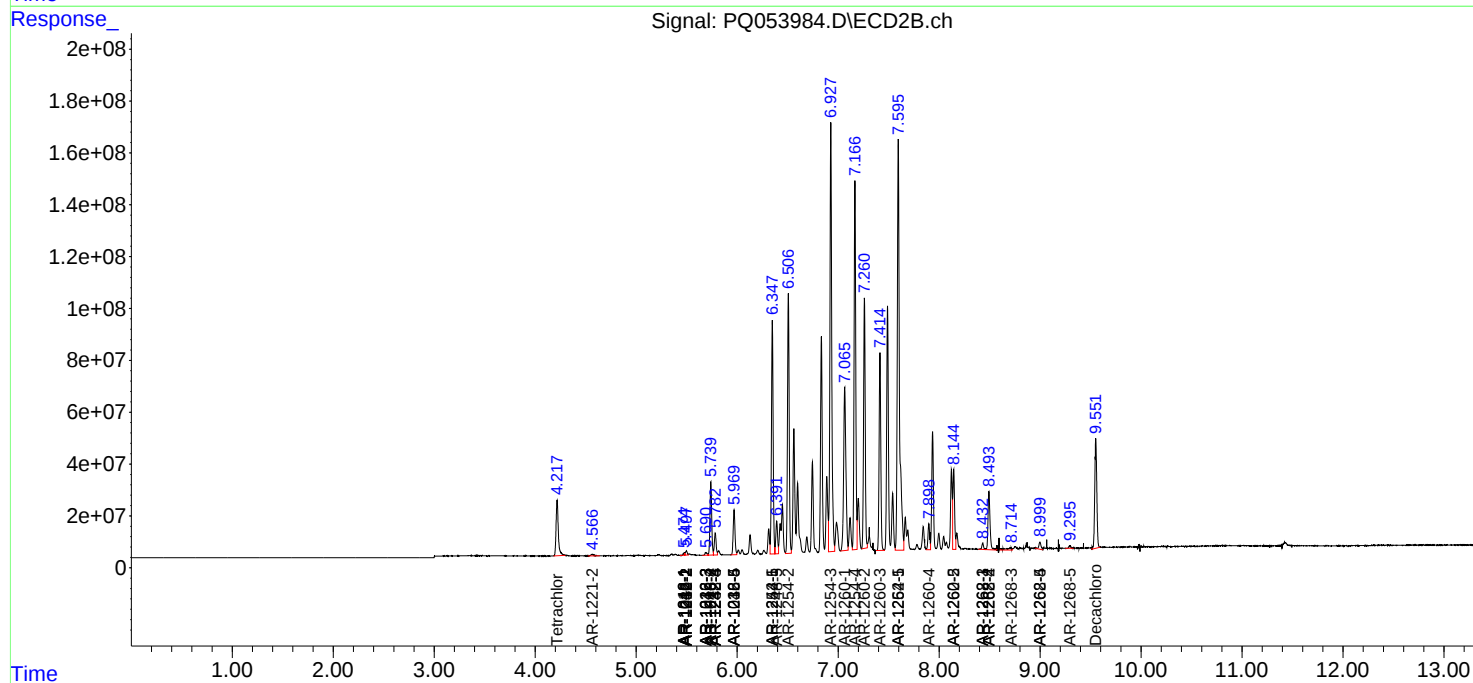
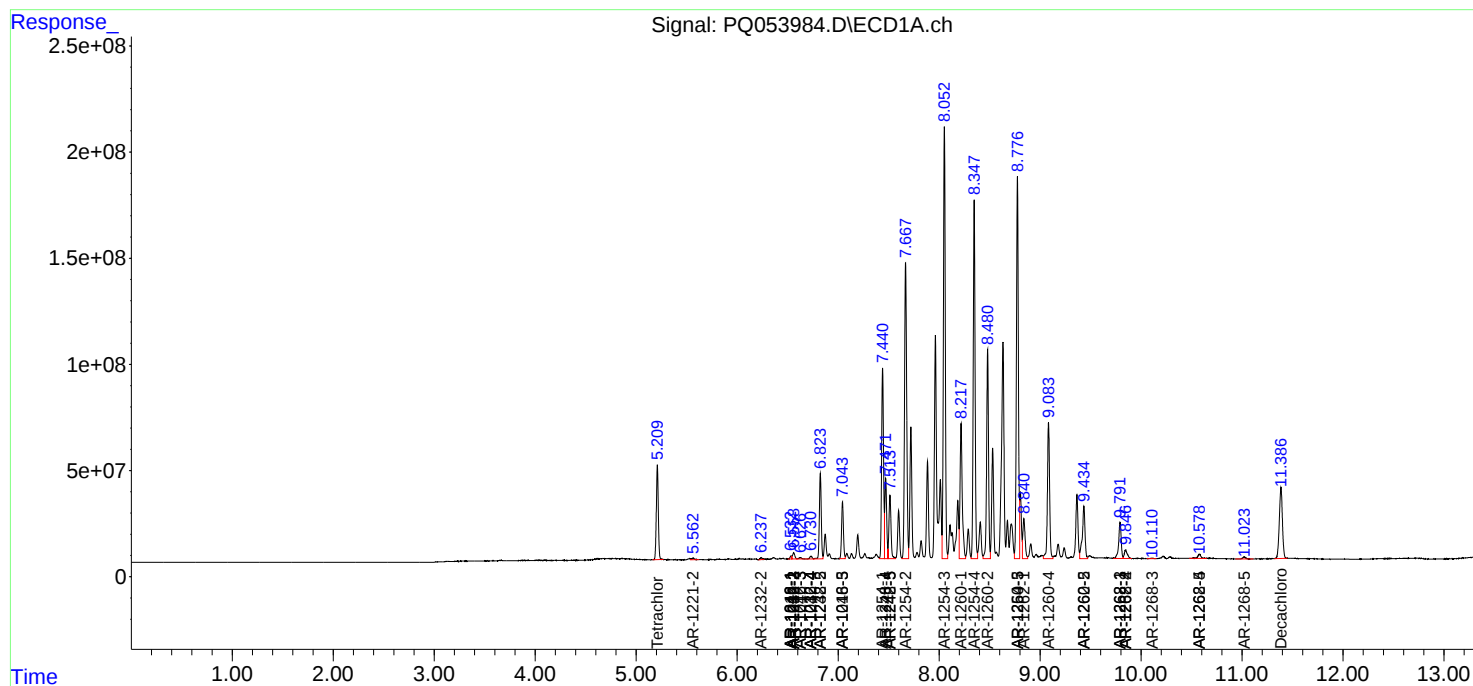
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

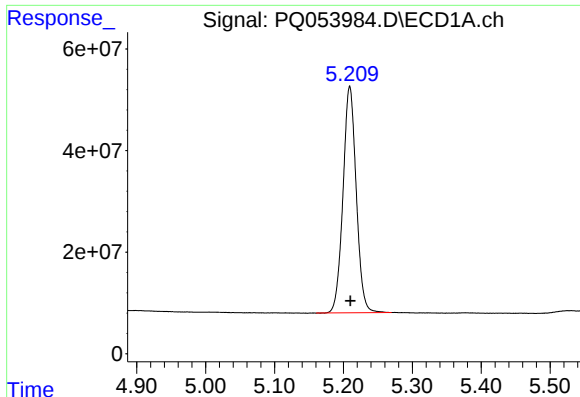
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072021\
Data File : PQ053984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2021 13:43
Operator : AJ\MA
Sample : M3036-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

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ECD_Q
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Quant Time: Jul 21 04:03:27 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070721CLP.M
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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

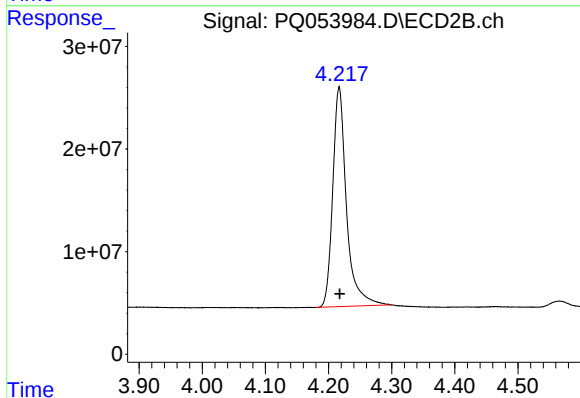




#1 Tetrachloro-m-xylene

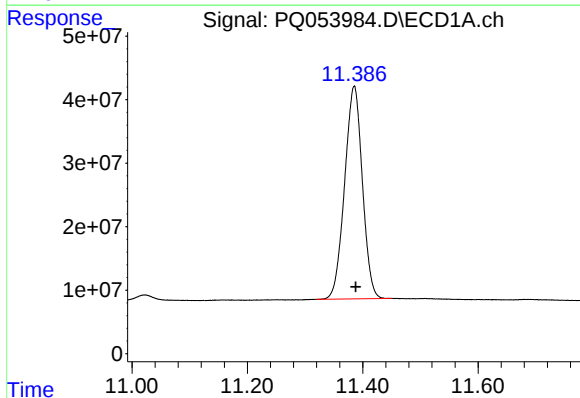
R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 595047381
Conc: 24.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



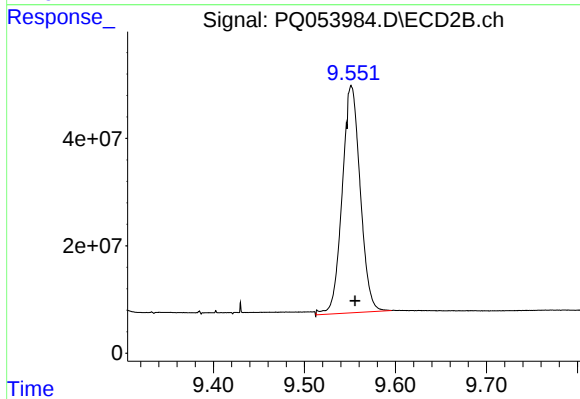
#1 Tetrachloro-m-xylene

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 323915946
Conc: 26.21 ng/ml



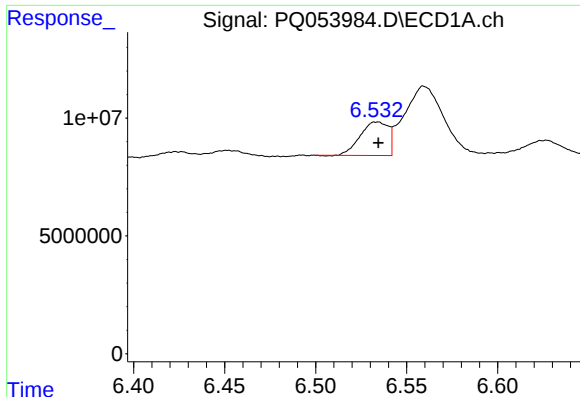
#2 Decachlorobiphenyl

R.T.: 11.385 min
Delta R.T.: -0.002 min
Response: 715602302
Conc: 43.17 ng/ml



#2 Decachlorobiphenyl

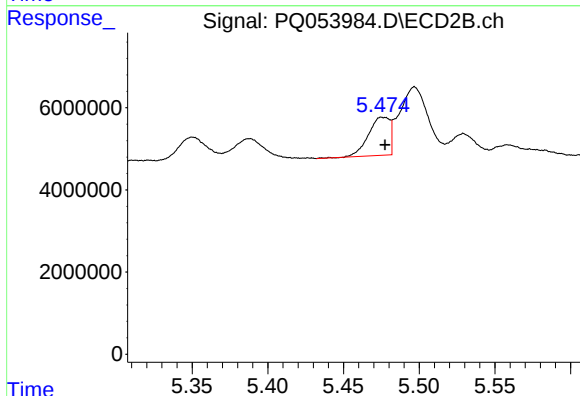
R.T.: 9.552 min
Delta R.T.: -0.004 min
Response: 581714855
Conc: 49.39 ng/ml



#3 AR-1016-1

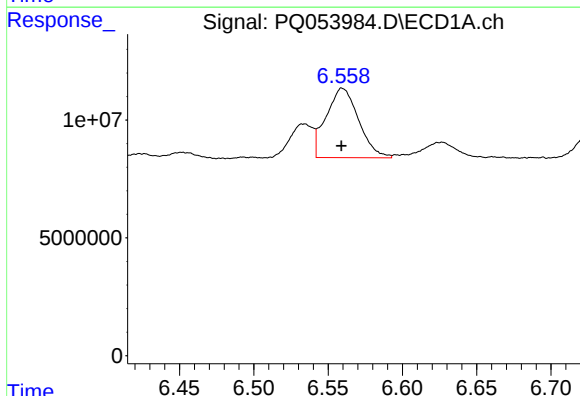
R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 15211615
Conc: 20.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



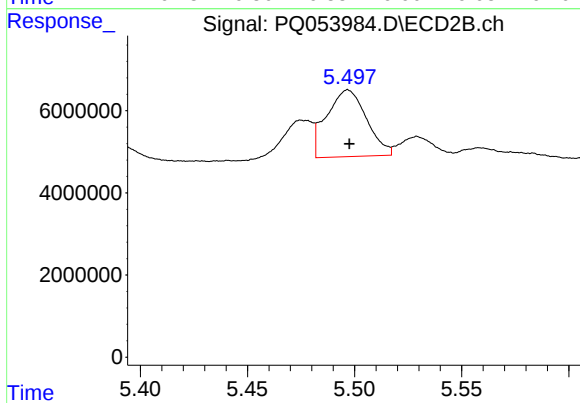
#3 AR-1016-1

R.T.: 5.475 min
Delta R.T.: -0.002 min
Response: 9096687
Conc: 22.10 ng/ml



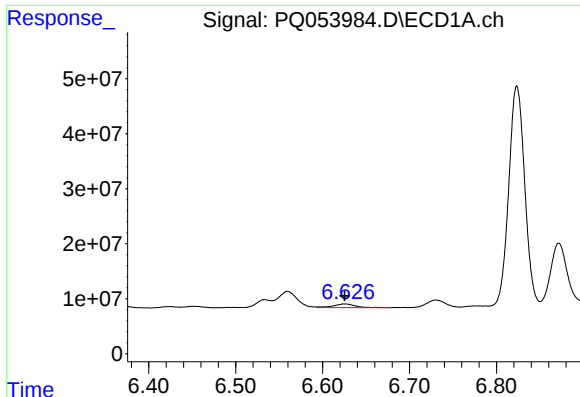
#4 AR-1016-2

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 44786890
Conc: 39.14 ng/ml



#4 AR-1016-2

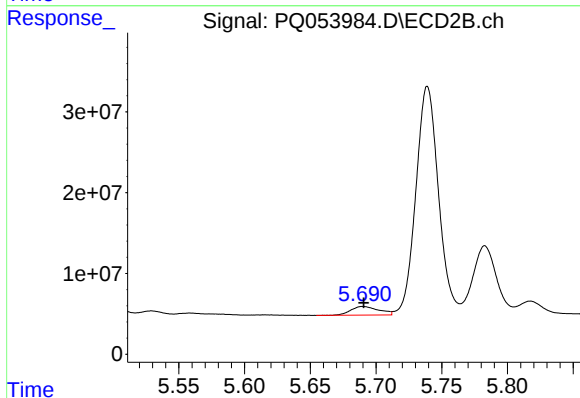
R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 21075936
Conc: 32.62 ng/ml



#5 AR-1016-3

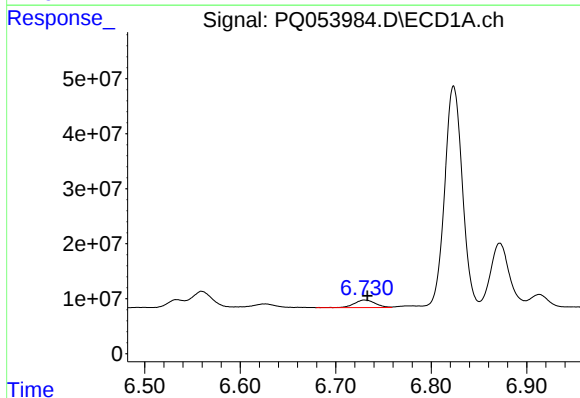
R.T.: 6.626 min
Delta R.T.: 0.001 min
Response: 11695839
Conc: 16.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



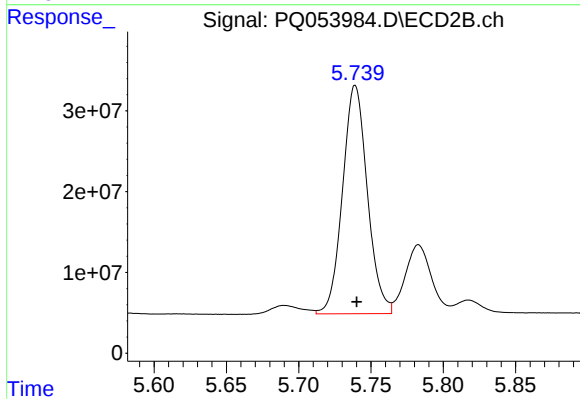
#5 AR-1016-3

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 15941541
Conc: 49.57 ng/ml



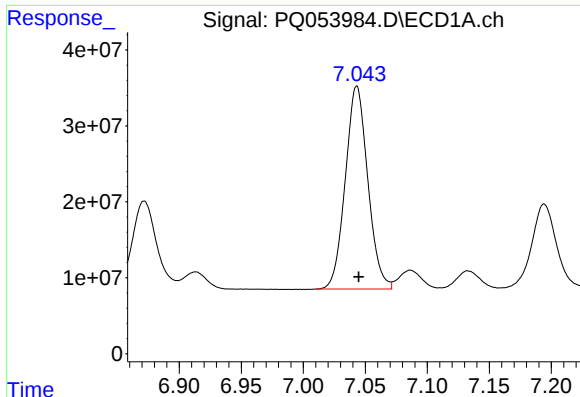
#6 AR-1016-4

R.T.: 6.730 min
Delta R.T.: -0.003 min
Response: 20703092
Conc: 36.72 ng/ml



#6 AR-1016-4

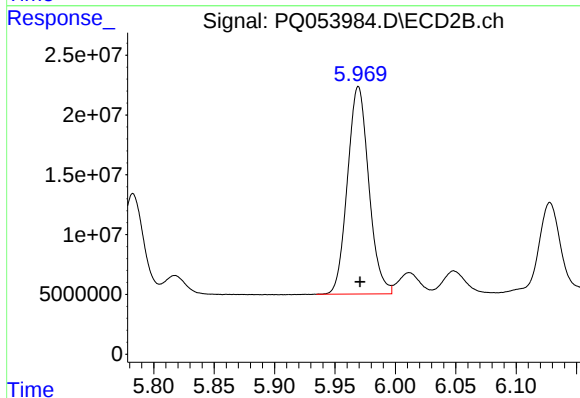
R.T.: 5.739 min
Delta R.T.: -0.001 min
Response: 338457798
Conc: 1317.17 ng/ml



#7 AR-1016-5

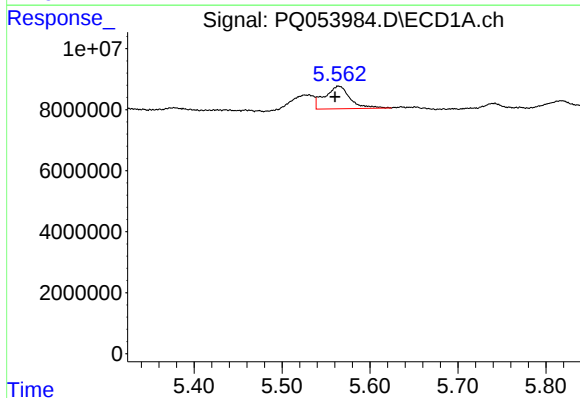
R.T.: 7.043 min
Delta R.T.: -0.002 min
Response: 337578982
Conc: 625.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



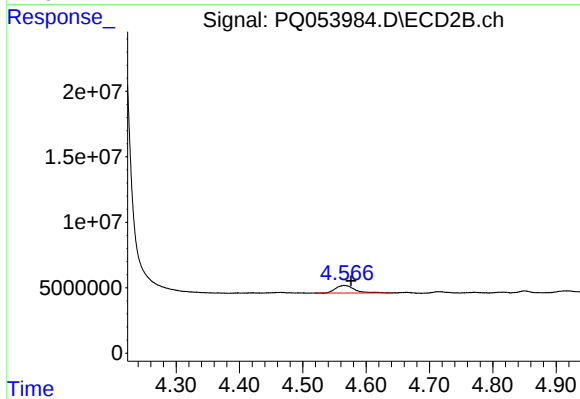
#7 AR-1016-5

R.T.: 5.969 min
Delta R.T.: -0.001 min
Response: 213262458
Conc: 656.20 ng/ml



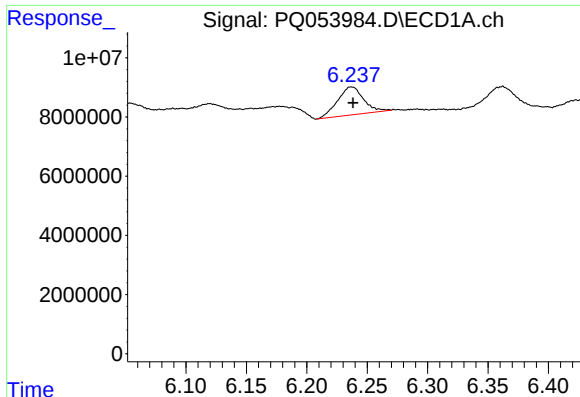
#9 AR-1221-2

R.T.: 5.564 min
Delta R.T.: 0.004 min
Response: 14844189
Conc: 89.54 ng/ml



#9 AR-1221-2

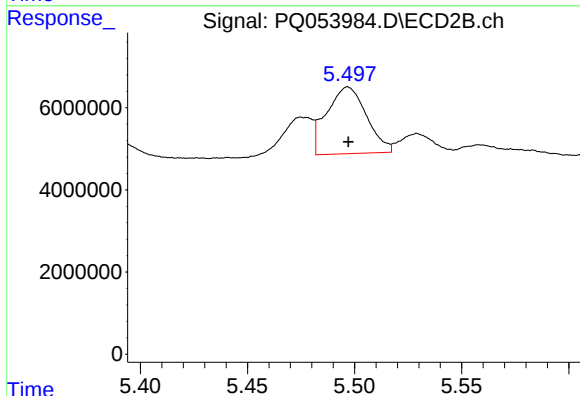
R.T.: 4.566 min
Delta R.T.: -0.011 min
Response: 12360498
Conc: 144.36 ng/ml



#12 AR-1232-2

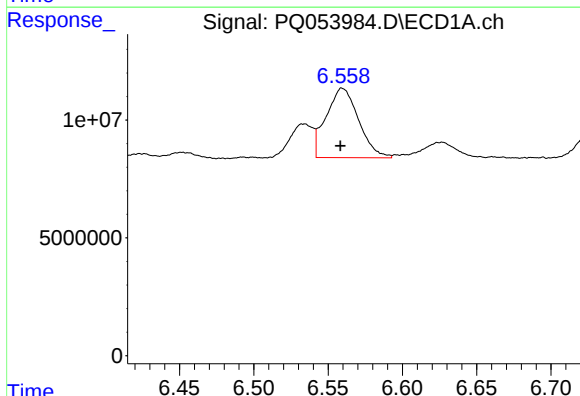
R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 14173184
Conc: 57.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



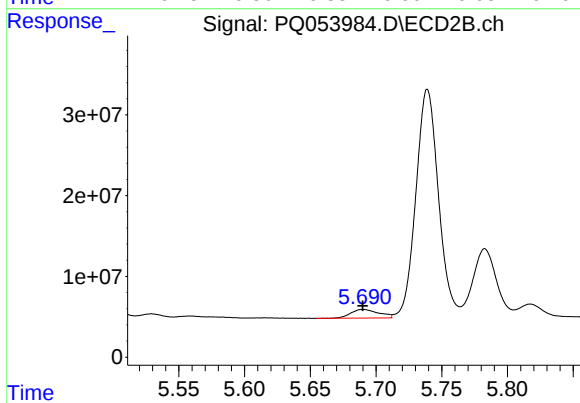
#12 AR-1232-2

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 21075936
Conc: 76.23 ng/ml



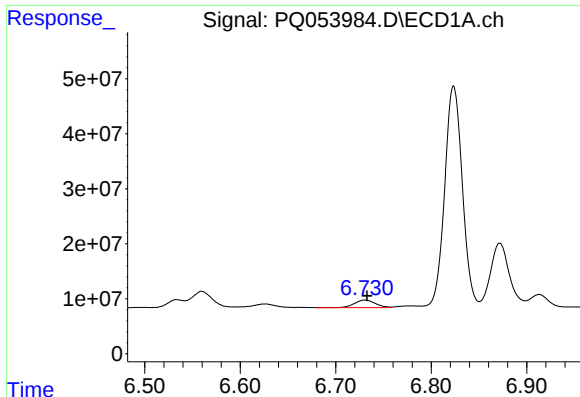
#13 AR-1232-3

R.T.: 6.560 min
Delta R.T.: 0.001 min
Response: 44786890
Conc: 94.26 ng/ml



#13 AR-1232-3

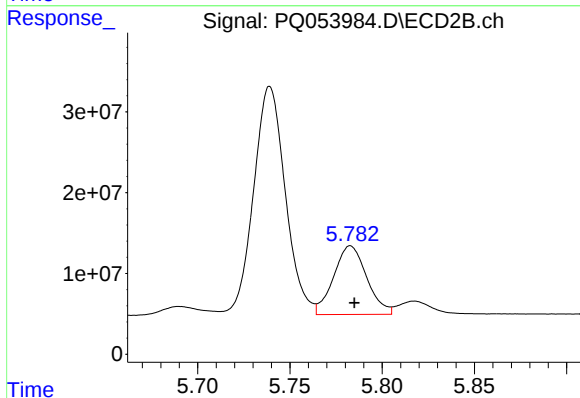
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 15941541
Conc: 120.55 ng/ml



#14 AR-1232-4

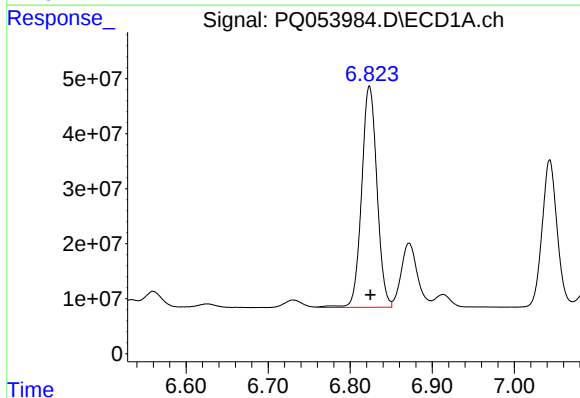
R.T.: 6.730 min
Delta R.T.: -0.003 min
Response: 20703092
Conc: 90.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



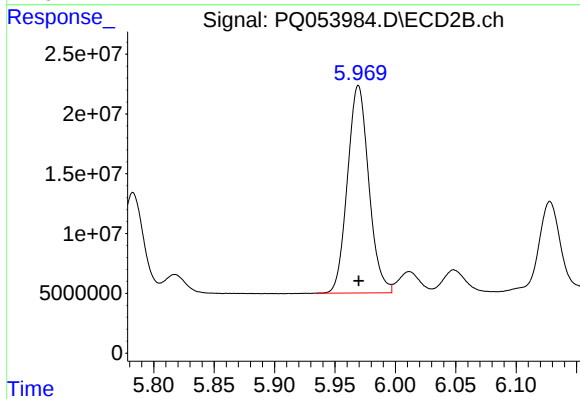
#14 AR-1232-4

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 106600571
Conc: 947.94 ng/ml



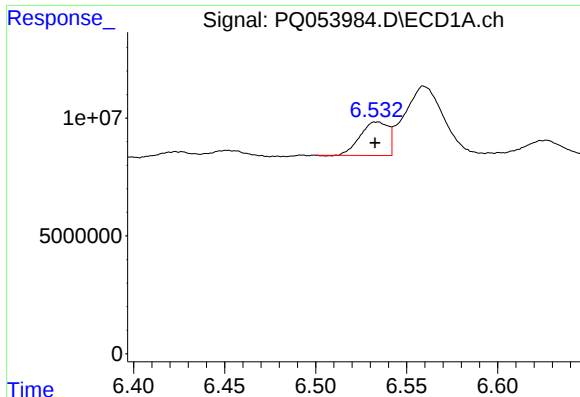
#15 AR-1232-5

R.T.: 6.823 min
Delta R.T.: -0.001 min
Response: 522619269
Conc: 3116.62 ng/ml



#15 AR-1232-5

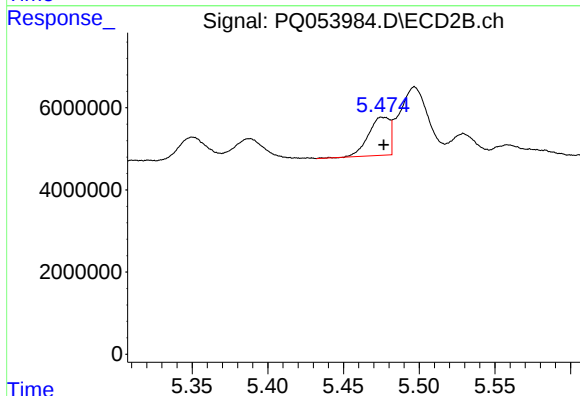
R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 213262458
Conc: 1748.58 ng/ml



#16 AR-1242-1

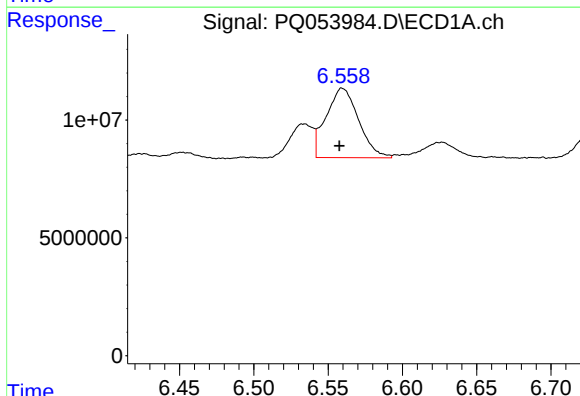
R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 15211615
Conc: 28.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



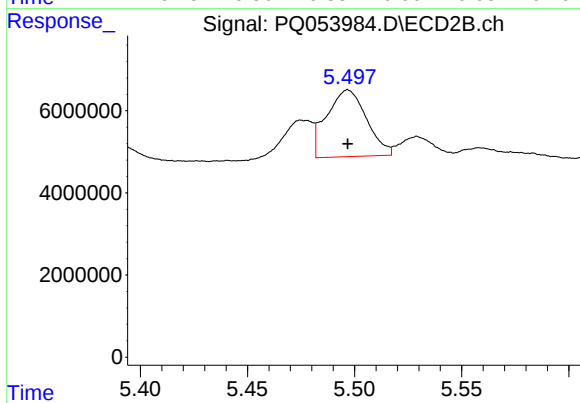
#16 AR-1242-1

R.T.: 5.475 min
Delta R.T.: -0.001 min
Response: 9096687
Conc: 31.90 ng/ml



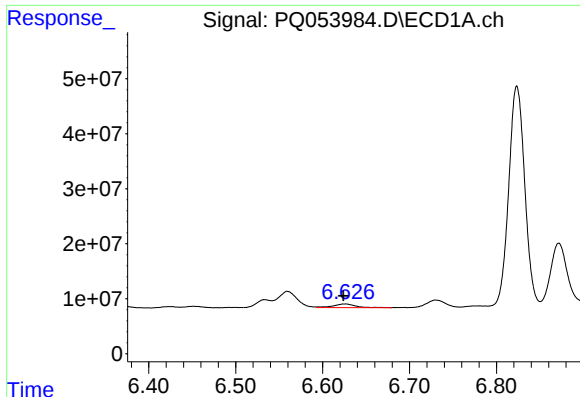
#17 AR-1242-2

R.T.: 6.560 min
Delta R.T.: 0.002 min
Response: 44786890
Conc: 56.38 ng/ml



#17 AR-1242-2

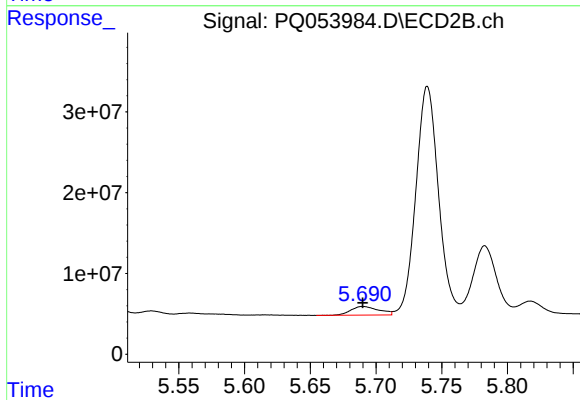
R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 21075936
Conc: 47.85 ng/ml



#18 AR-1242-3

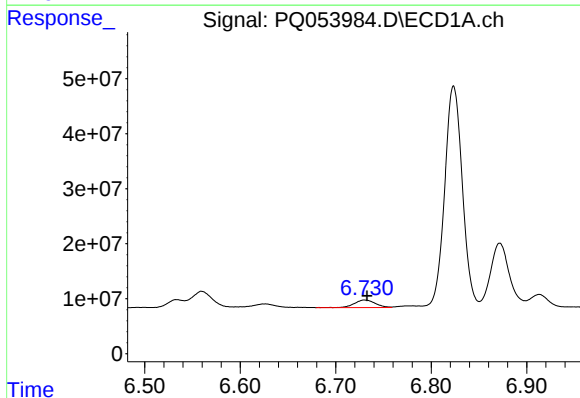
R.T.: 6.626 min
Delta R.T.: 0.003 min
Response: 11695839
Conc: 24.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



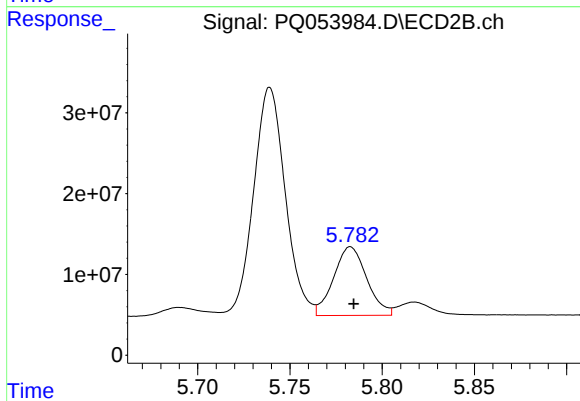
#18 AR-1242-3

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 15941541
Conc: 70.90 ng/ml



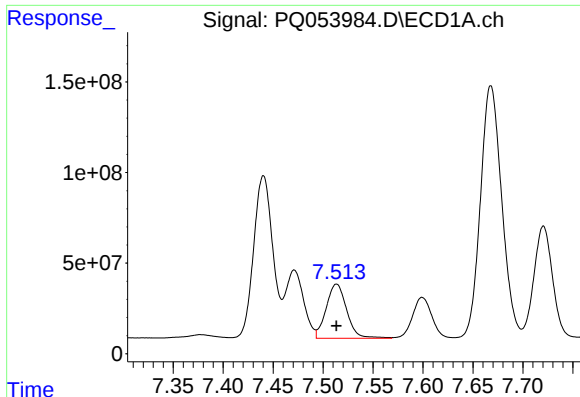
#19 AR-1242-4

R.T.: 6.730 min
Delta R.T.: -0.002 min
Response: 20703092
Conc: 52.85 ng/ml



#19 AR-1242-4

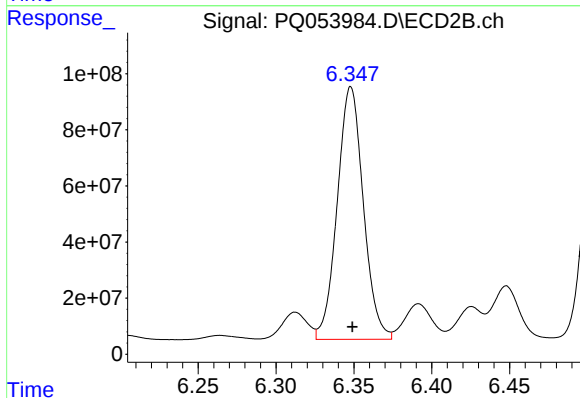
R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 106600571
Conc: 496.67 ng/ml



#20 AR-1242-5

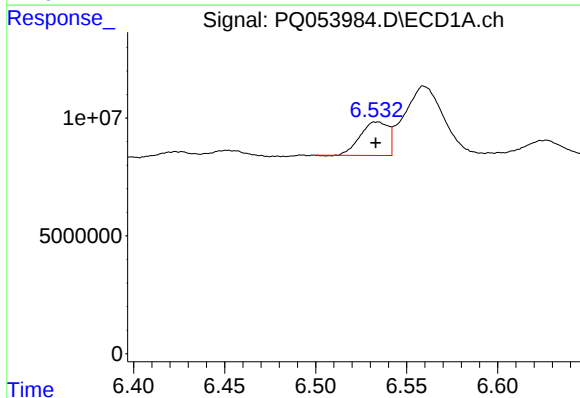
R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 428377485
Conc: 1037.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



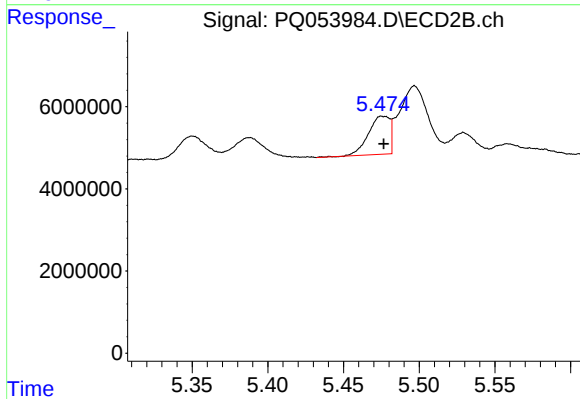
#20 AR-1242-5

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 1050369902
Conc: 3625.80 ng/ml



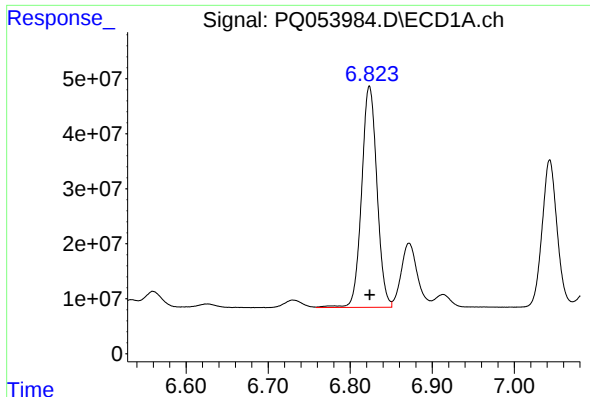
#21 AR-1248-1

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 15211615
Conc: 35.74 ng/ml



#21 AR-1248-1

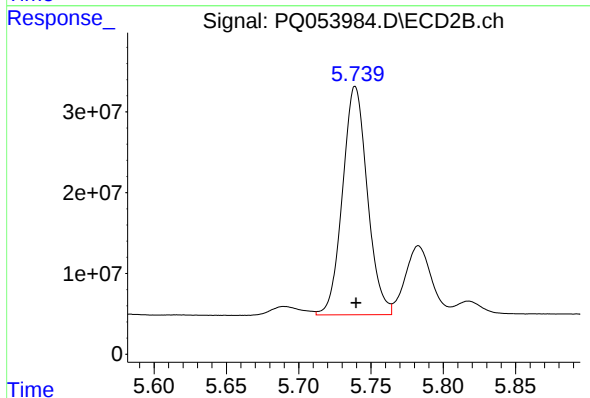
R.T.: 5.475 min
Delta R.T.: -0.001 min
Response: 9096687
Conc: 38.95 ng/ml



#22 AR-1248-2

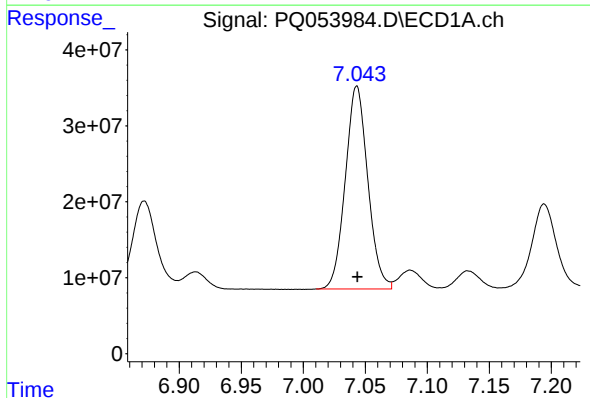
R.T.: 6.823 min
Delta R.T.: 0.000 min
Response: 522619269
Conc: 857.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



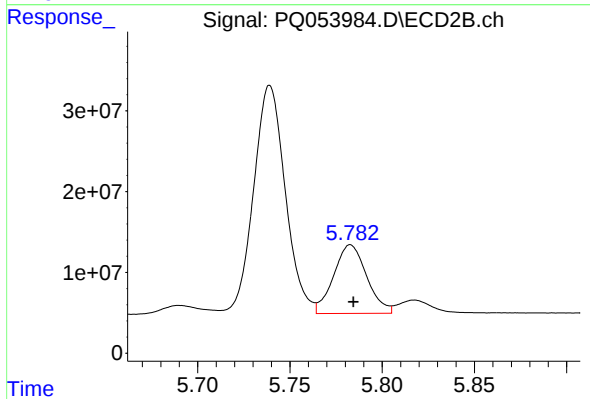
#22 AR-1248-2

R.T.: 5.739 min
Delta R.T.: 0.000 min
Response: 338457798
Conc: 997.75 ng/ml



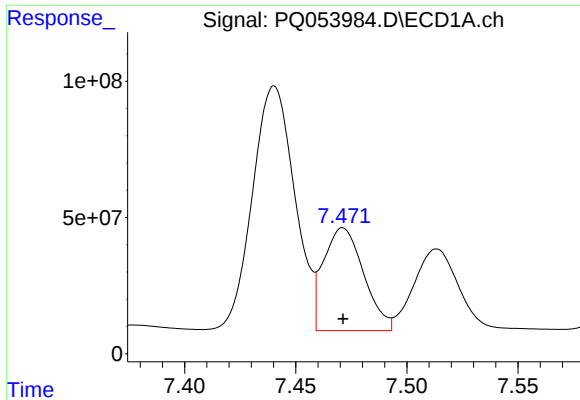
#23 AR-1248-3

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 337578982
Conc: 492.74 ng/ml



#23 AR-1248-3

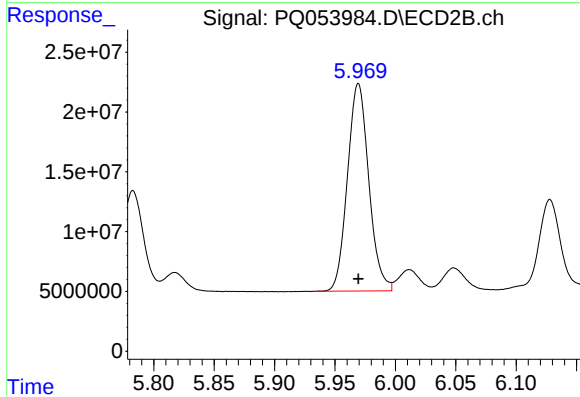
R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 106600571
Conc: 303.84 ng/ml



#24 AR-1248-4

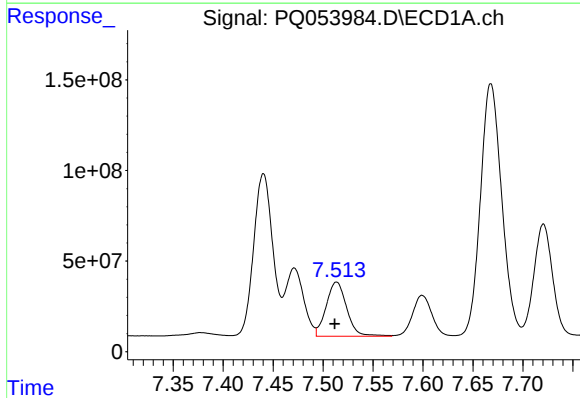
R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 474515123
Conc: 611.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



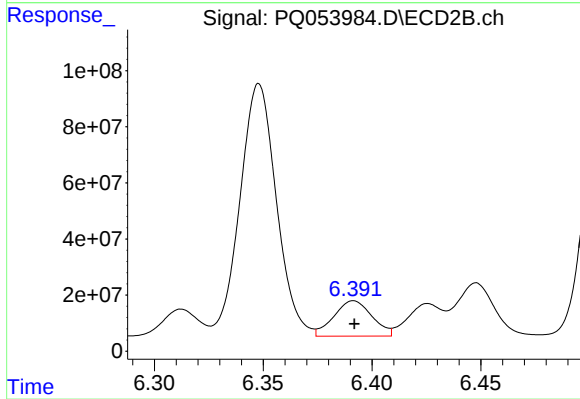
#24 AR-1248-4

R.T.: 5.969 min
Delta R.T.: 0.000 min
Response: 213262458
Conc: 510.33 ng/ml



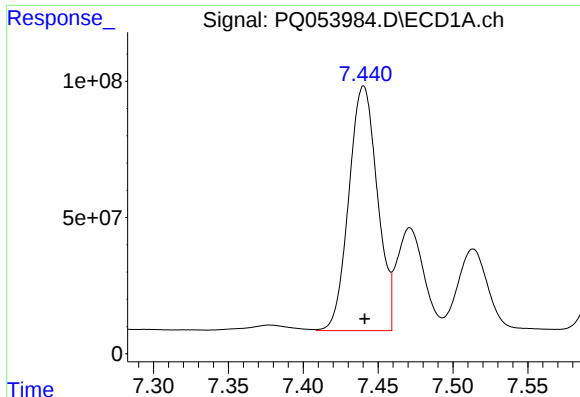
#25 AR-1248-5

R.T.: 7.514 min
Delta R.T.: 0.002 min
Response: 428377485
Conc: 555.73 ng/ml



#25 AR-1248-5

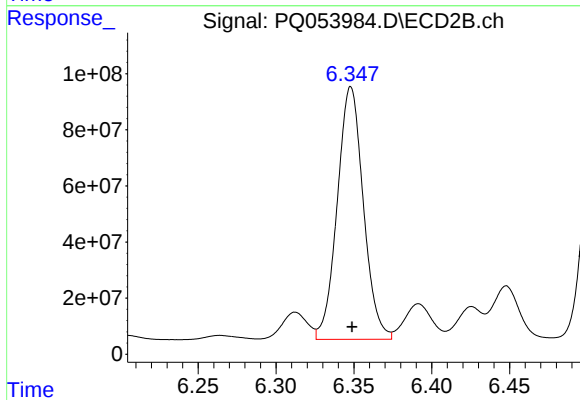
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 153666022
Conc: 353.90 ng/ml



#26 AR-1254-1

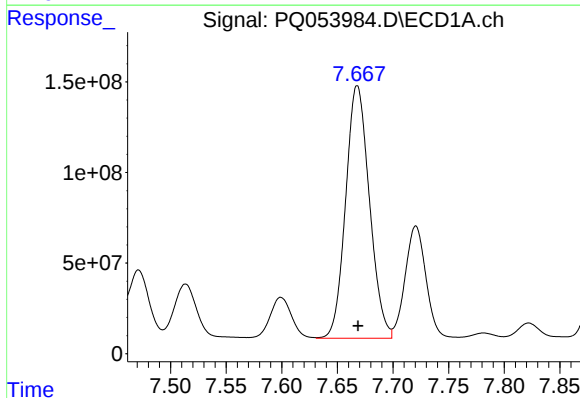
R.T.: 7.440 min
Delta R.T.: 0.000 min
Response: 1188979842
Conc: 1971.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



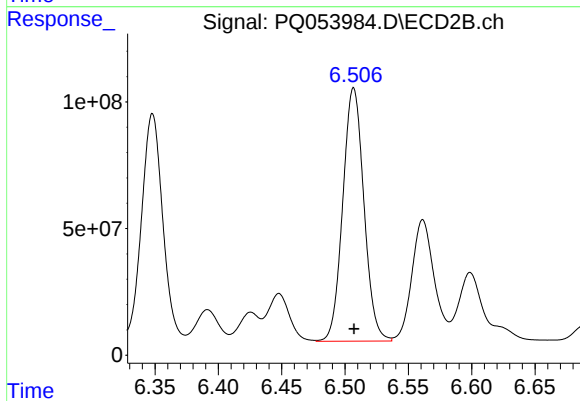
#26 AR-1254-1

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 1050369902
Conc: 1985.44 ng/ml



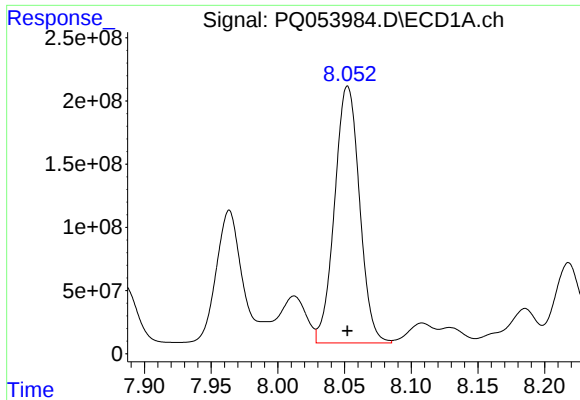
#27 AR-1254-2

R.T.: 7.668 min
Delta R.T.: 0.000 min
Response: 2073970448
Conc: 2249.74 ng/ml



#27 AR-1254-2

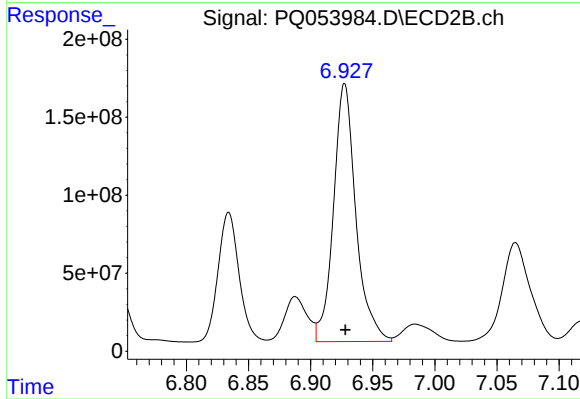
R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 1163429477
Conc: 2482.64 ng/ml



#28 AR-1254-3

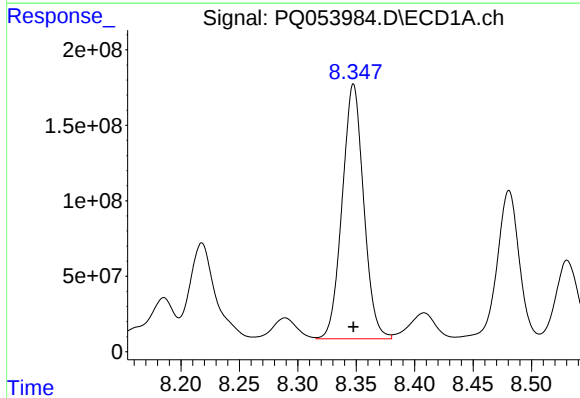
R.T.: 8.052 min
Delta R.T.: 0.000 min
Response: 2649015733
Conc: 2668.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



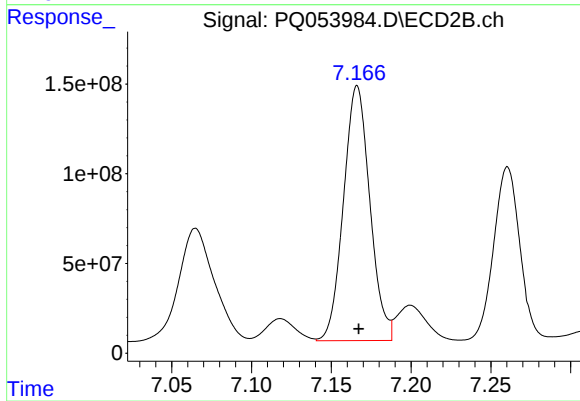
#28 AR-1254-3

R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 2078595254
Conc: 2796.62 ng/ml



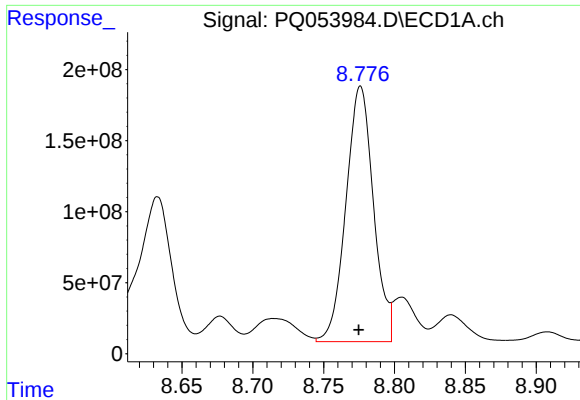
#29 AR-1254-4

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 2162366413
Conc: 2987.53 ng/ml



#29 AR-1254-4

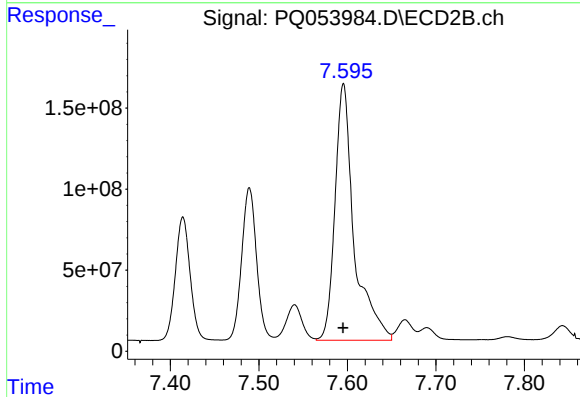
R.T.: 7.166 min
Delta R.T.: 0.000 min
Response: 1636294634
Conc: 3227.30 ng/ml



#30 AR-1254-5

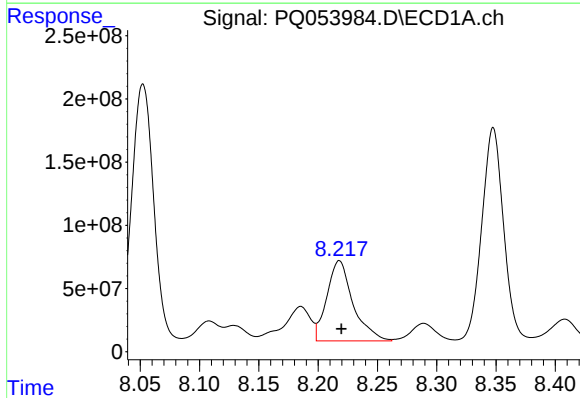
R.T.: 8.776 min
Delta R.T.: 0.001 min
Response: 2429564169
Conc: 3232.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



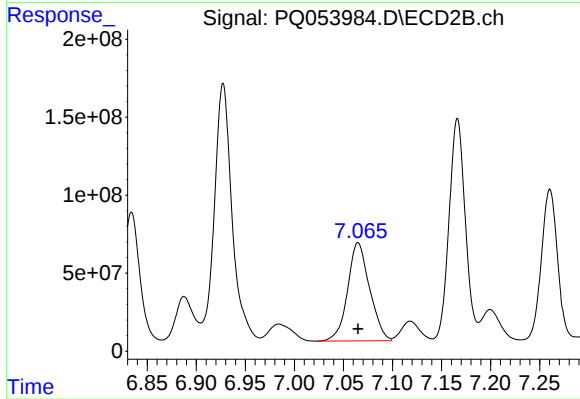
#30 AR-1254-5

R.T.: 7.596 min
Delta R.T.: 0.000 min
Response: 2379952911
Conc: 3504.95 ng/ml



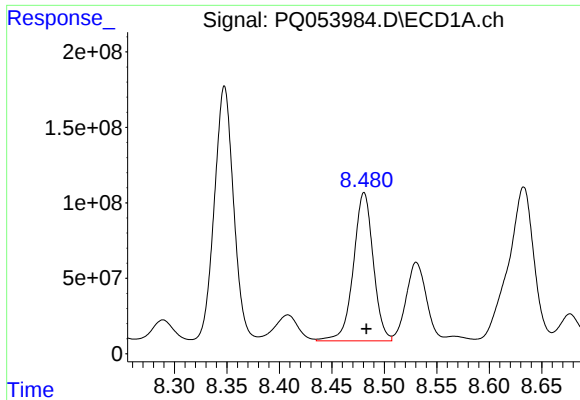
#31 AR-1260-1

R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 976983054
Conc: 1101.00 ng/ml



#31 AR-1260-1

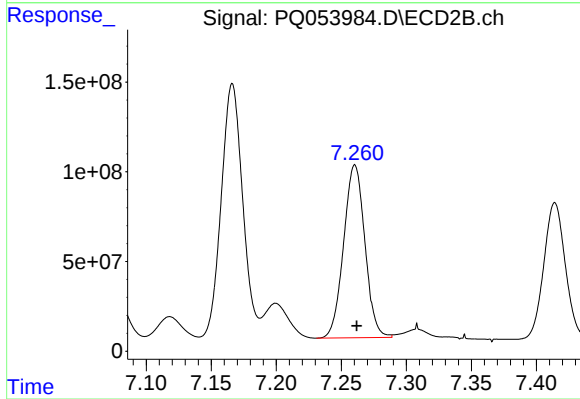
R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 981756078
Conc: 1509.06 ng/ml



#32 AR-1260-2

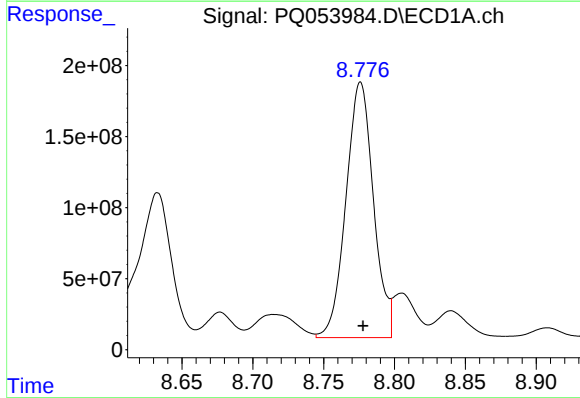
R.T.: 8.481 min
Delta R.T.: -0.002 min
Response: 1293531650
Conc: 1188.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



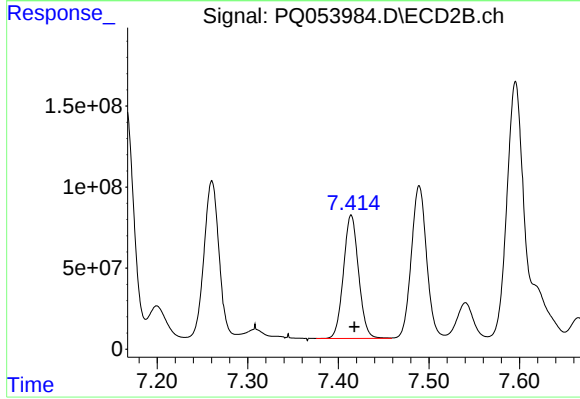
#32 AR-1260-2

R.T.: 7.260 min
Delta R.T.: -0.001 min
Response: 1096967539
Conc: 1212.57 ng/ml



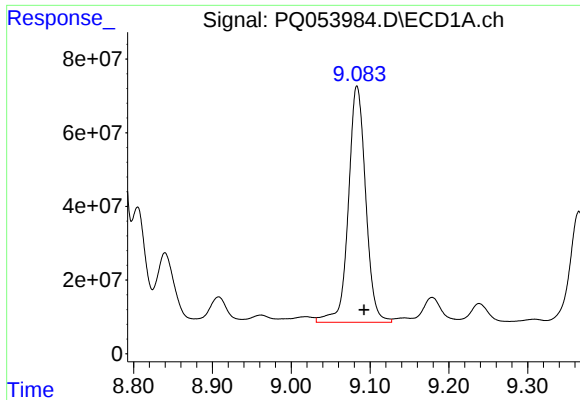
#33 AR-1260-3

R.T.: 8.776 min
Delta R.T.: -0.002 min
Response: 2429564169
Conc: 1942.17 ng/ml



#33 AR-1260-3

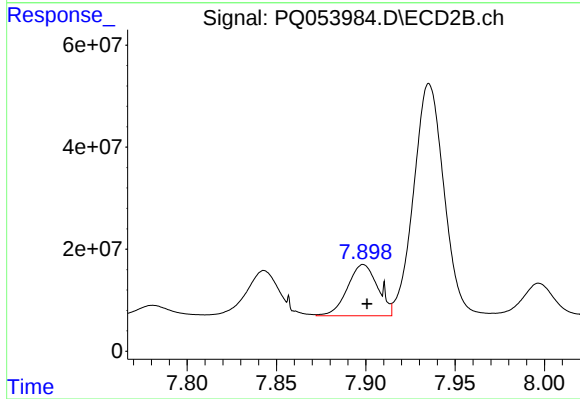
R.T.: 7.414 min
Delta R.T.: -0.004 min
Response: 882095441
Conc: 1170.07 ng/ml



#34 AR-1260-4

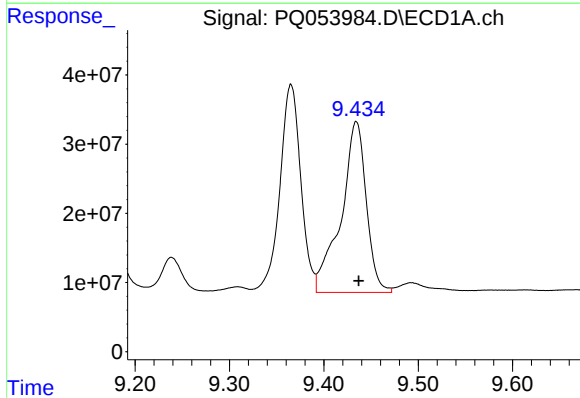
R.T.: 9.083 min
Delta R.T.: -0.009 min
Response: 978973218
Conc: 1070.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



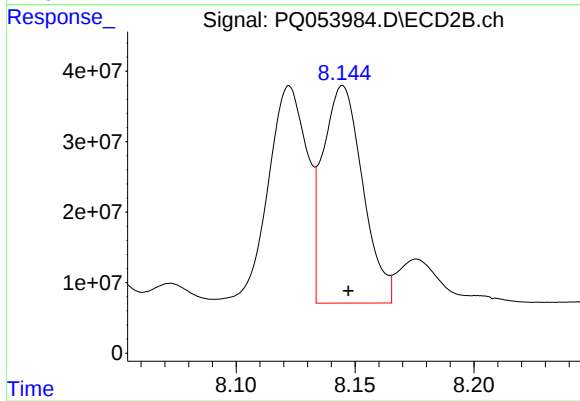
#34 AR-1260-4

R.T.: 7.899 min
Delta R.T.: -0.002 min
Response: 119517054
Conc: 183.71 ng/ml



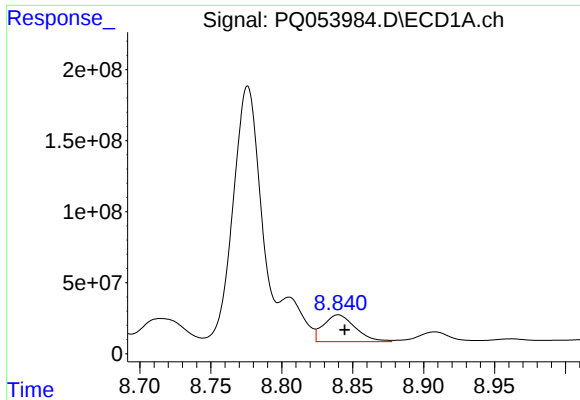
#35 AR-1260-5

R.T.: 9.434 min
Delta R.T.: -0.003 min
Response: 460665543
Conc: 249.52 ng/ml



#35 AR-1260-5

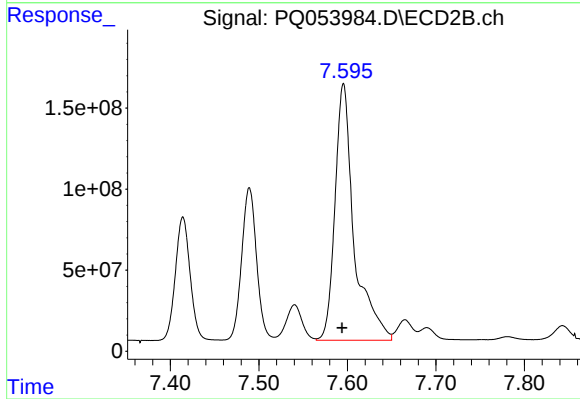
R.T.: 8.145 min
Delta R.T.: -0.002 min
Response: 359298516
Conc: 200.84 ng/ml



#36 AR-1262-1

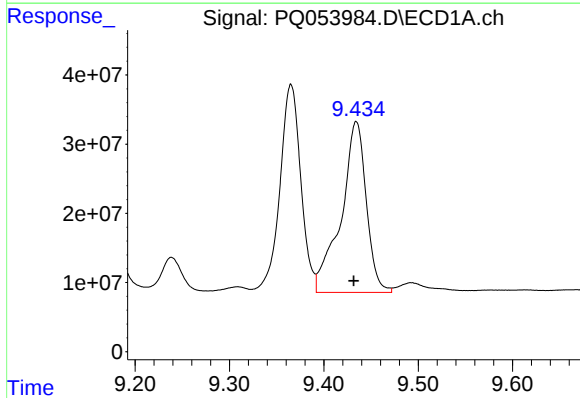
R.T.: 8.840 min
Delta R.T.: -0.004 min
Response: 293180681
Conc: 220.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



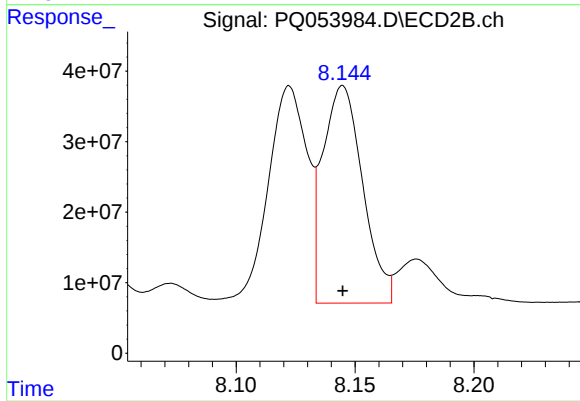
#36 AR-1262-1

R.T.: 7.596 min
Delta R.T.: 0.002 min
Response: 2379952911
Conc: 4247.78 ng/ml



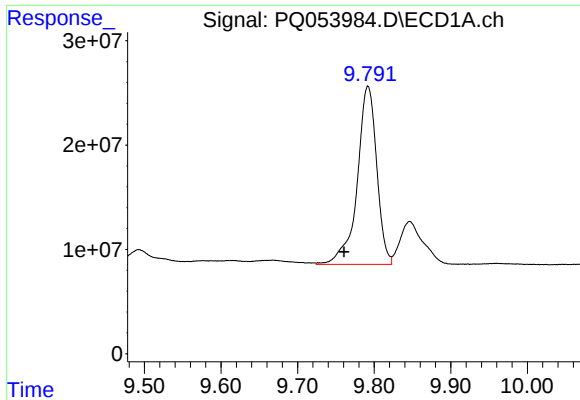
#37 AR-1262-2

R.T.: 9.434 min
Delta R.T.: 0.003 min
Response: 460665543
Conc: 186.42 ng/ml



#37 AR-1262-2

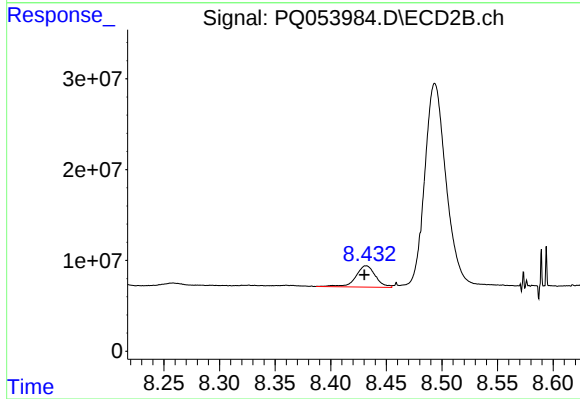
R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 359298516
Conc: 154.45 ng/ml



#38 AR-1262-3

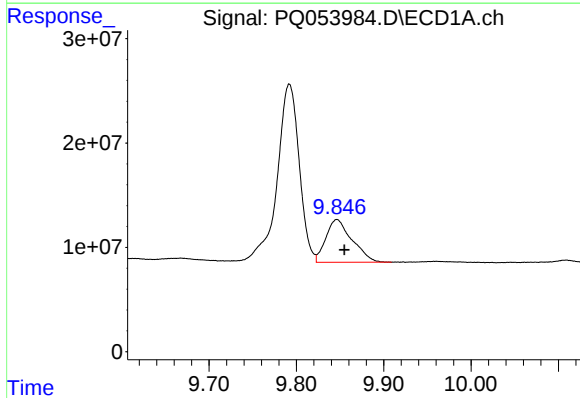
R.T.: 9.792 min
Delta R.T.: 0.031 min
Response: 301695834
Conc: 288.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



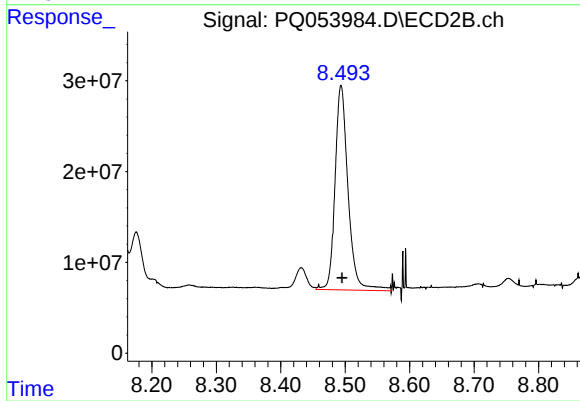
#38 AR-1262-3

R.T.: 8.432 min
Delta R.T.: 0.002 min
Response: 28722785
Conc: 30.80 ng/ml



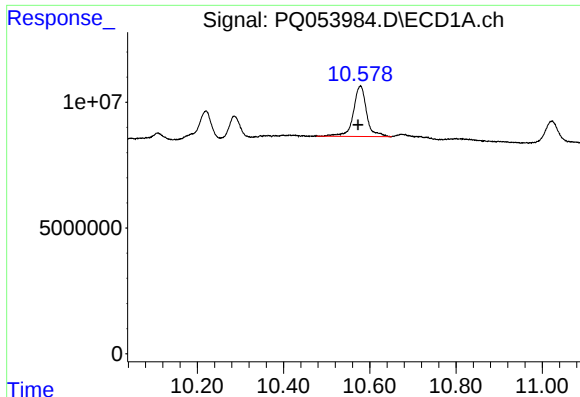
#39 AR-1262-4

R.T.: 9.846 min
Delta R.T.: -0.008 min
Response: 85240966
Conc: 139.10 ng/ml



#39 AR-1262-4

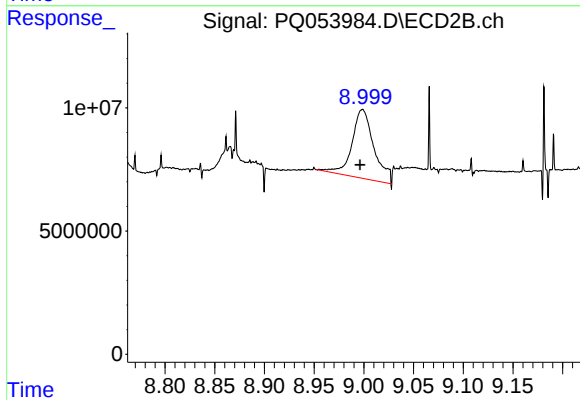
R.T.: 8.494 min
Delta R.T.: -0.002 min
Response: 316213213
Conc: 199.85 ng/ml



#40 AR-1262-5

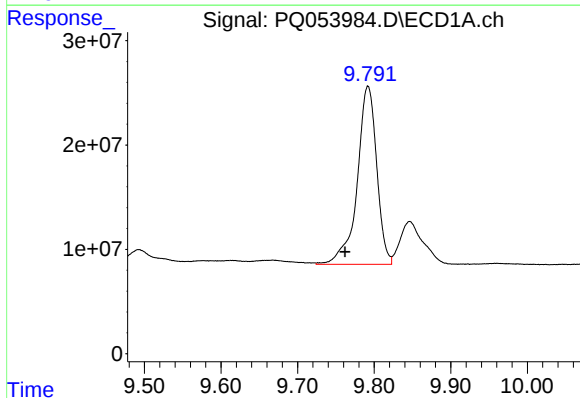
R.T.: 10.579 min
Delta R.T.: 0.005 min
Response: 42785549
Conc: 49.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



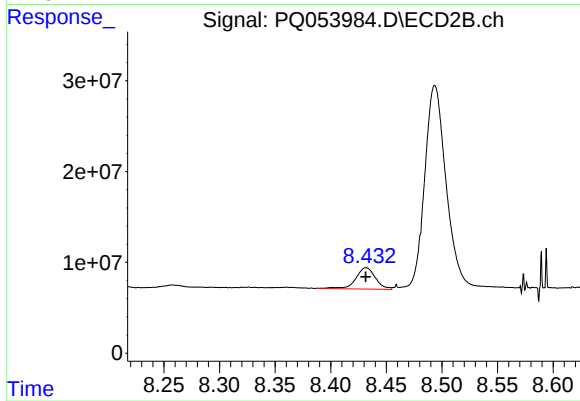
#40 AR-1262-5

R.T.: 8.999 min
Delta R.T.: 0.002 min
Response: 43002754
Conc: 60.18 ng/ml



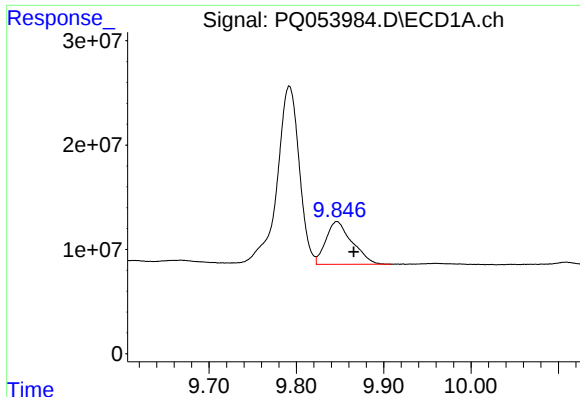
#41 AR-1268-1

R.T.: 9.792 min
Delta R.T.: 0.030 min
Response: 301695834
Conc: 93.36 ng/ml



#41 AR-1268-1

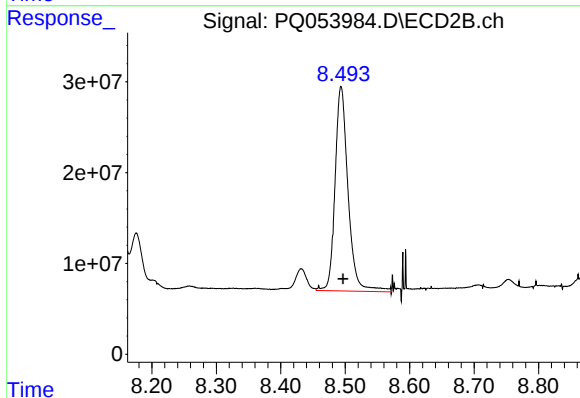
R.T.: 8.432 min
Delta R.T.: 0.000 min
Response: 28722785
Conc: 9.04 ng/ml



#42 AR-1268-2

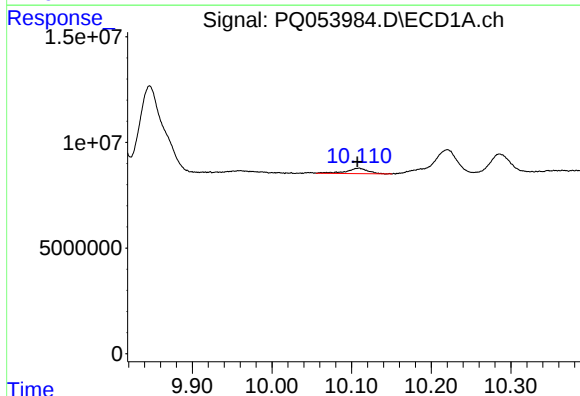
R.T.: 9.846 min
Delta R.T.: -0.019 min
Response: 85240966
Conc: 28.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



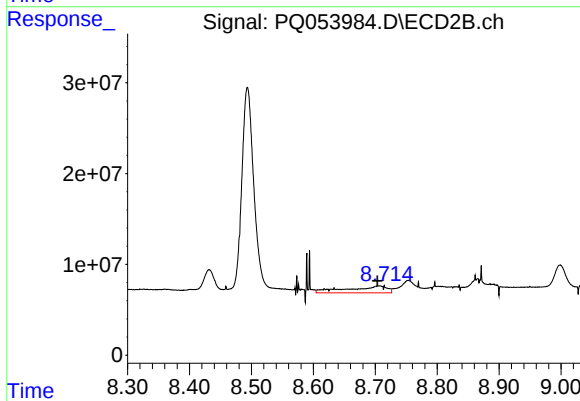
#42 AR-1268-2

R.T.: 8.494 min
Delta R.T.: -0.003 min
Response: 316213213
Conc: 116.50 ng/ml



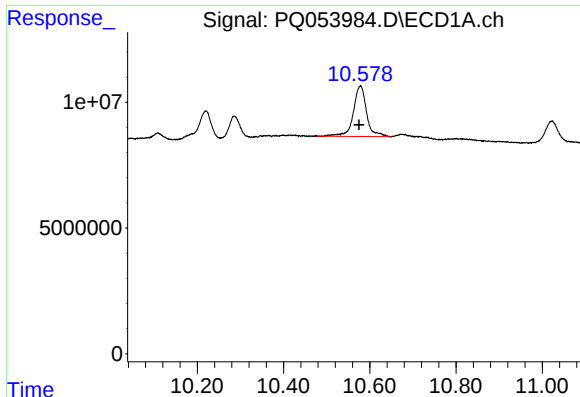
#43 AR-1268-3

R.T.: 10.109 min
Delta R.T.: 0.002 min
Response: 4702108
Conc: 1.91 ng/ml



#43 AR-1268-3

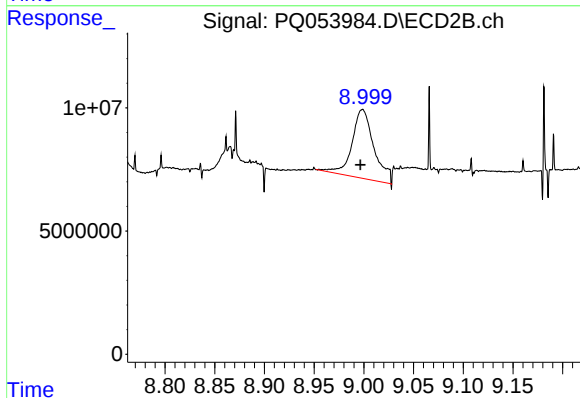
R.T.: 8.707 min
Delta R.T.: 0.003 min
Response: 34109300
Conc: 14.52 ng/ml



#44 AR-1268-4

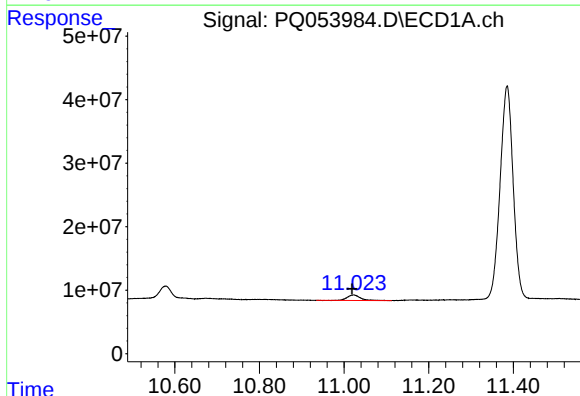
R.T.: 10.579 min
Delta R.T.: 0.003 min
Response: 42785549
Conc: 39.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



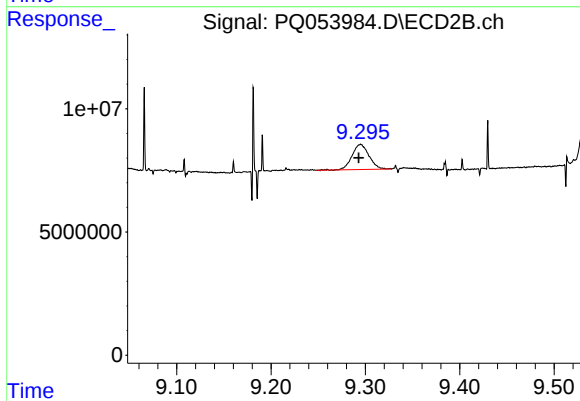
#44 AR-1268-4

R.T.: 8.999 min
Delta R.T.: 0.002 min
Response: 43002754
Conc: 47.48 ng/ml



#45 AR-1268-5

R.T.: 11.023 min
Delta R.T.: 0.004 min
Response: 18750440
Conc: 2.28 ng/ml



#45 AR-1268-5

R.T.: 9.295 min
Delta R.T.: 0.002 min
Response: 12847994
Conc: 1.96 ng/ml