

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072021\
 Data File : PQ054002.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2021 19:28
 Operator : AJ\MA
 Sample : PB137825BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 21 04:15:39 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	4.219	422.8E6	214.9E6	17.720	17.389
2)	SA Decachlor...	11.379	9.550	578.4E6	441.0E6	34.891	37.439
Target Compounds							
3)	L1 AR-1016-1	6.533	5.477	70841729	38908196	95.038	94.544
4)	L1 AR-1016-2	6.557	5.497	107.3E6	66689830	93.788	103.219
5)	L1 AR-1016-3	6.623	5.690	66406252	30537679	95.531	94.949
6)	L1 AR-1016-4	6.731	5.740	53274592	25374356	94.499	98.749
7)	L1 AR-1016-5	7.043	5.970	49983081	31655170	92.596	97.402
8)	L2 AR-1221-1	5.454	0.000	5984793	0	24.679	N.D. #
9)	L2 AR-1221-2	5.562	4.576	11797732	5213852	71.162	60.893
10)	L2 AR-1221-3	5.647	4.664	37218268	19056328	67.970	62.796
11)	L3 AR-1232-1	5.647	4.664	37218268	19056328	83.467	77.930
12)	L3 AR-1232-2	6.237	5.497	54515281	66689830	222.860	241.211
13)	L3 AR-1232-3	6.557	5.690	107.3E6	30537679	225.861	230.925
14)	L3 AR-1232-4	6.731	5.785	53274592	30719519	232.124	273.173
15)	L3 AR-1232-5	6.824	5.970	45585617	31655170	271.848	259.546
16)	L4 AR-1242-1	6.533	5.477	70841729	38908196	134.833	136.455
17)	L4 AR-1242-2	6.557	5.497	107.3E6	66689830	135.102	151.400
18)	L4 AR-1242-3	6.623	5.690	66406252	30537679	137.591	135.818
19)	L4 AR-1242-4	6.731	5.785	53274592	30719519	135.987	143.129
20)	L4 AR-1242-5	7.512	6.349	6985056	26399100	16.910	91.128 #
21)	L5 AR-1248-1	6.533	5.477	70841729	38908196	166.426	166.596
22)	L5 AR-1248-2	6.824	5.740	45585617	25374356	74.811	74.802
23)	L5 AR-1248-3	7.043	5.785	49983081	30719519	72.957	87.558
24)	L5 AR-1248-4	7.472	5.970	7584515	31655170	9.768	75.750 #
25)	L5 AR-1248-5	7.512	6.392	6985056	3651784	9.062	8.410
26)	L6 AR-1254-1	7.440	6.349	38082897	26399100	63.155	49.900
27)	L6 AR-1254-2	7.667	6.507	41197274	25627278	44.689	54.686
28)	L6 AR-1254-3	8.051	6.946	23448749	48916966	23.622	65.815 #
29)	L6 AR-1254-4	8.346	7.167	15180324	5468296	20.973	10.785 #
30)	L6 AR-1254-5	8.774	7.594	133.3E6	97191967	177.417	143.134
31)	L7 AR-1260-1	8.216	7.064	94975276	69748084	107.031	107.210
32)	L7 AR-1260-2	8.480	7.260	110.4E6	95790303	101.412	105.885
33)	L7 AR-1260-3	8.774	7.416	133.3E6	78714521	106.581	104.412
34)	L7 AR-1260-4	9.088	7.898	84903670	58192686	92.870	89.447
35)	L7 AR-1260-5	9.432	8.144	162.6E6	149.3E6	88.085	83.446
36)	L8 AR-1262-1	8.845	7.594	67996667	97191967	51.071	173.470 #
37)	L8 AR-1262-2	9.432	8.144	162.6E6	149.3E6	65.810	64.172
38)	L8 AR-1262-3	9.790	8.431	107.8E6	29918546	103.225	32.080 #
39)	L8 AR-1262-4	9.844	8.493	56646205	101.6E6	92.438	64.191 #
40)	L8 AR-1262-5	10.575	8.996	42070628	30830785	49.092	43.145
41)	L9 AR-1268-1	9.790	8.431	107.8E6	29918546	33.365	9.420 #

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Acq On : 20 Jul 2021 19:28
Operator : AJ\MA
Sample : PB137825BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

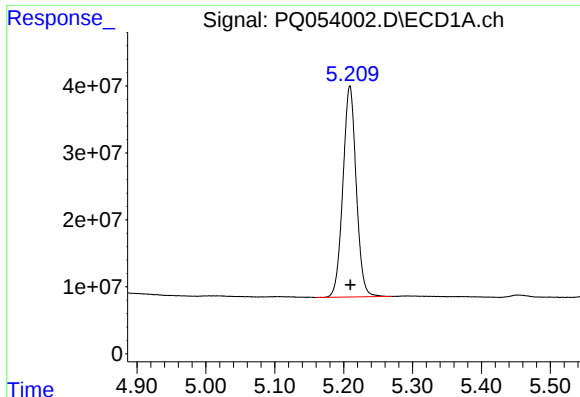
Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 21 04:15:39 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070721CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jul 08 09:32:57 2021
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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	9.844	8.493	56646205	101.6E6	19.201	37.419 #
43)	L9 AR-1268-3	10.107	8.703	3848149	5280889	1.560	2.248 #
44)	L9 AR-1268-4	10.575	8.996	42070628	30830785	38.864	34.042
45)	L9 AR-1268-5	11.018	9.293	15212945	14712994	1.853	2.246

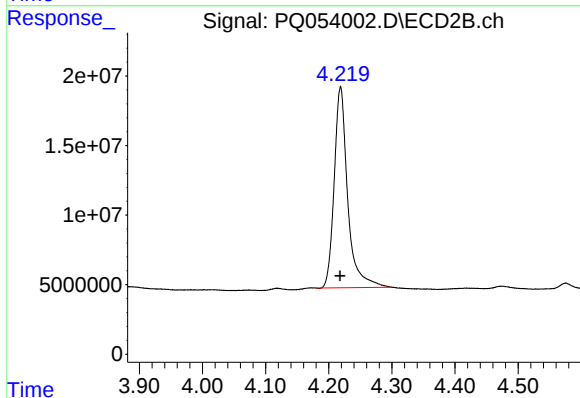
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

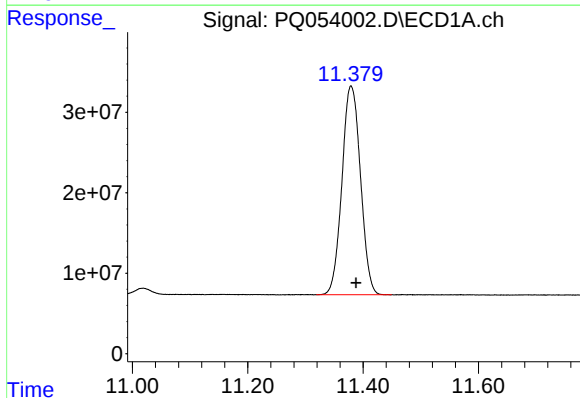
R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 422846029
Conc: 17.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



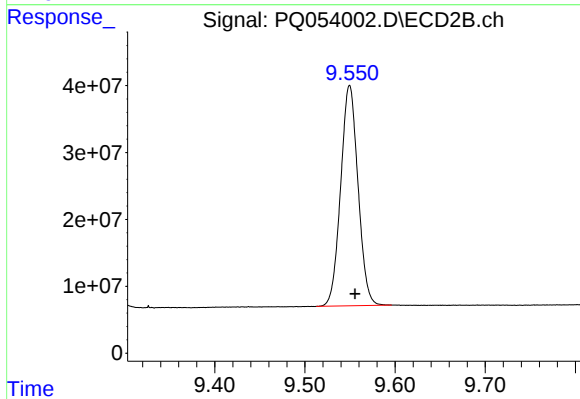
#1 Tetrachloro-m-xylene

R.T.: 4.219 min
Delta R.T.: 0.001 min
Response: 214856957
Conc: 17.39 ng/ml



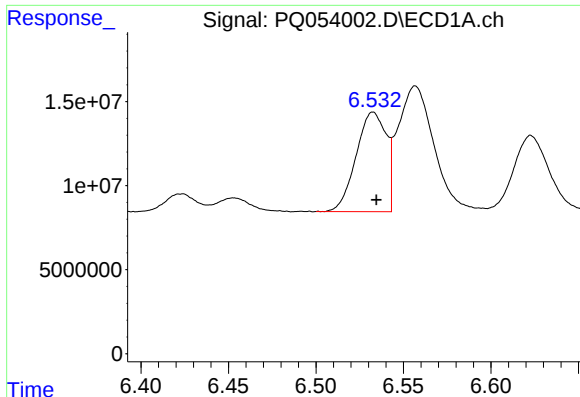
#2 Decachlorobiphenyl

R.T.: 11.379 min
Delta R.T.: -0.009 min
Response: 578357607
Conc: 34.89 ng/ml



#2 Decachlorobiphenyl

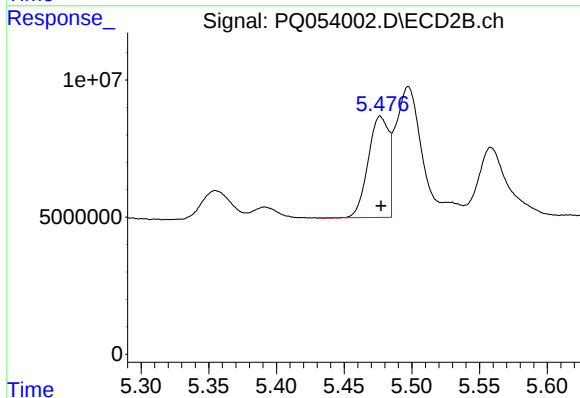
R.T.: 9.550 min
Delta R.T.: -0.006 min
Response: 440963039
Conc: 37.44 ng/ml



#3 AR-1016-1

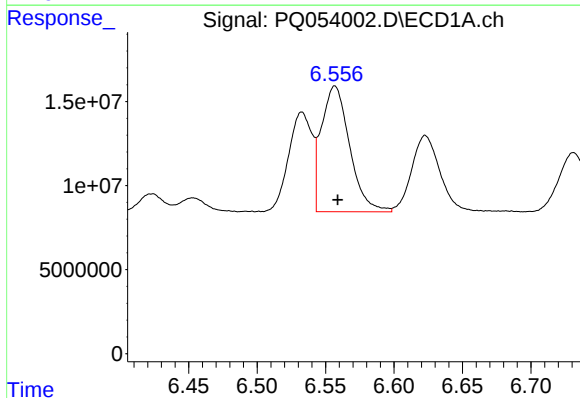
R.T.: 6.533 min
Delta R.T.: -0.002 min
Response: 70841729
Conc: 95.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



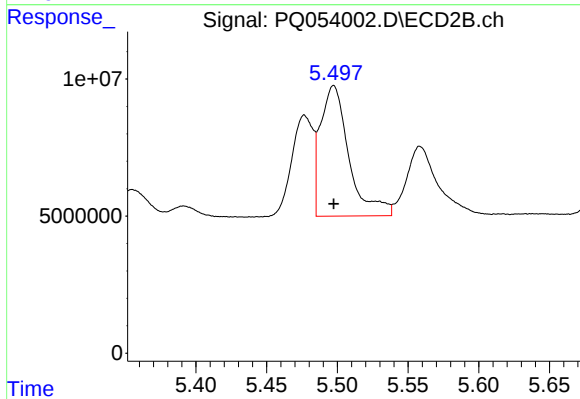
#3 AR-1016-1

R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 38908196
Conc: 94.54 ng/ml



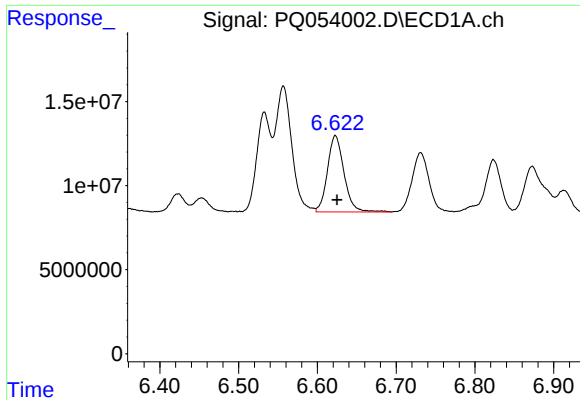
#4 AR-1016-2

R.T.: 6.557 min
Delta R.T.: -0.002 min
Response: 107320091
Conc: 93.79 ng/ml



#4 AR-1016-2

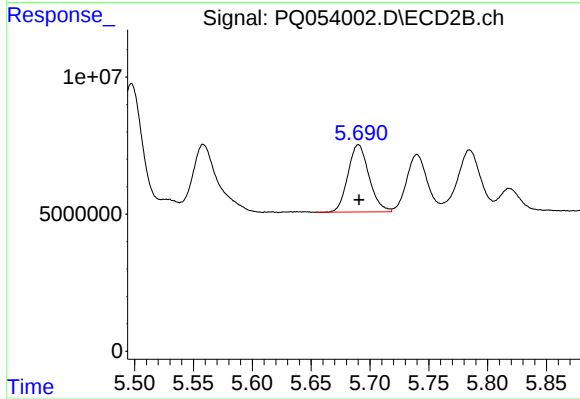
R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 66689830
Conc: 103.22 ng/ml



#5 AR-1016-3

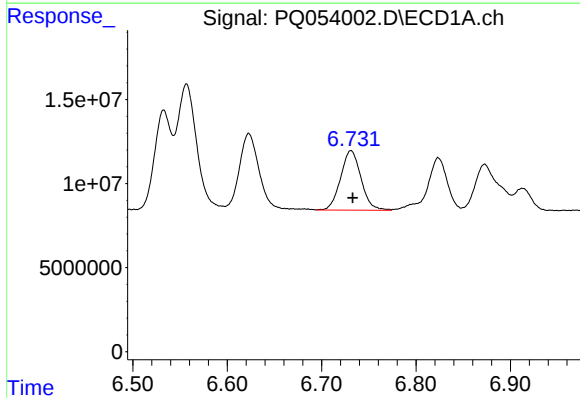
R.T.: 6.623 min
Delta R.T.: -0.002 min
Response: 66406252
Conc: 95.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



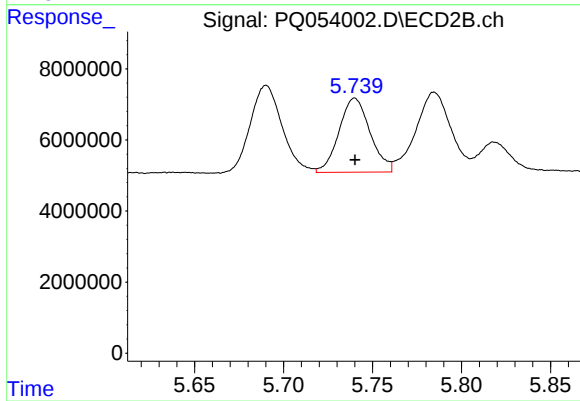
#5 AR-1016-3

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 30537679
Conc: 94.95 ng/ml



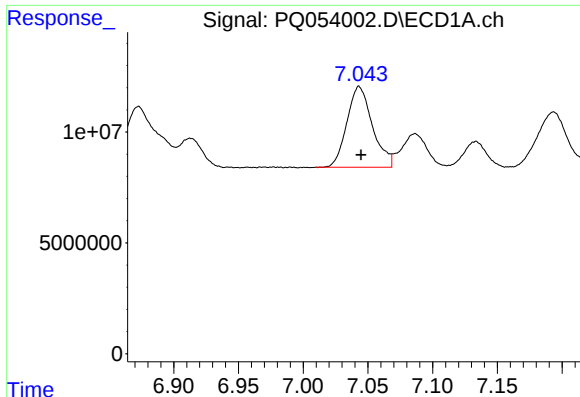
#6 AR-1016-4

R.T.: 6.731 min
Delta R.T.: -0.002 min
Response: 53274592
Conc: 94.50 ng/ml



#6 AR-1016-4

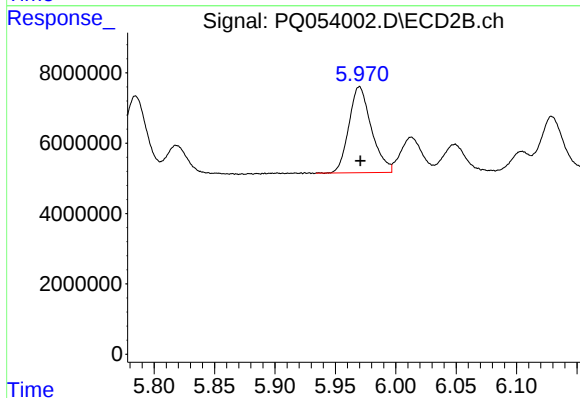
R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 25374356
Conc: 98.75 ng/ml



#7 AR-1016-5

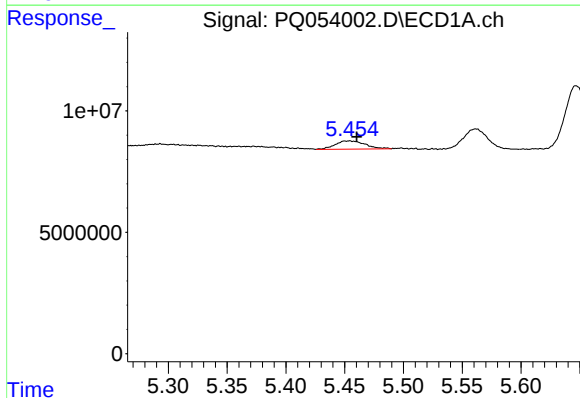
R.T.: 7.043 min
Delta R.T.: -0.002 min
Response: 49983081
Conc: 92.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



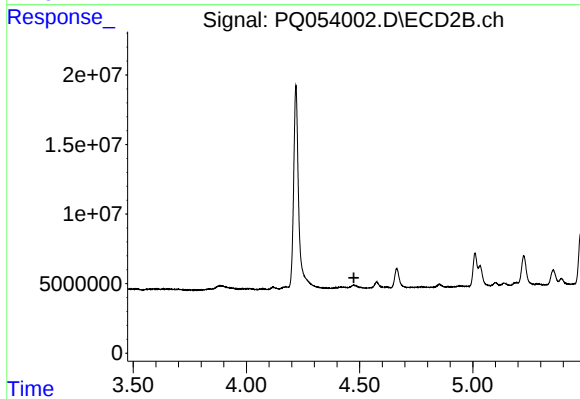
#7 AR-1016-5

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 31655170
Conc: 97.40 ng/ml



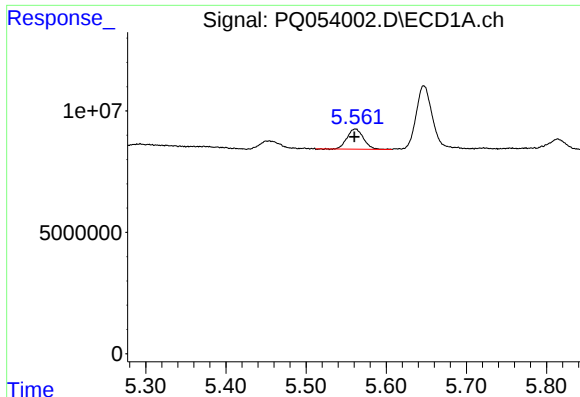
#8 AR-1221-1

R.T.: 5.454 min
Delta R.T.: -0.006 min
Response: 5984793
Conc: 24.68 ng/ml



#8 AR-1221-1

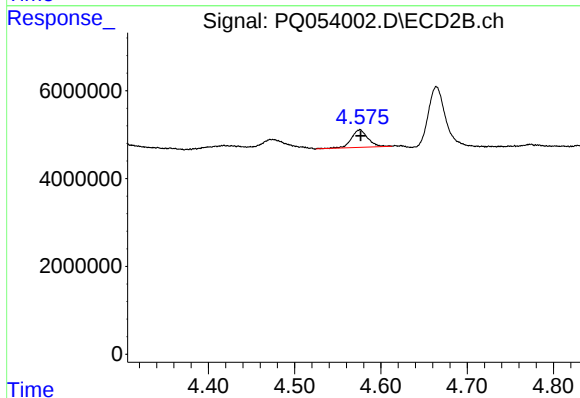
R.T.: 0.000 min
Exp R.T.: 4.475 min
Response: 0
Conc: N.D.



#9 AR-1221-2

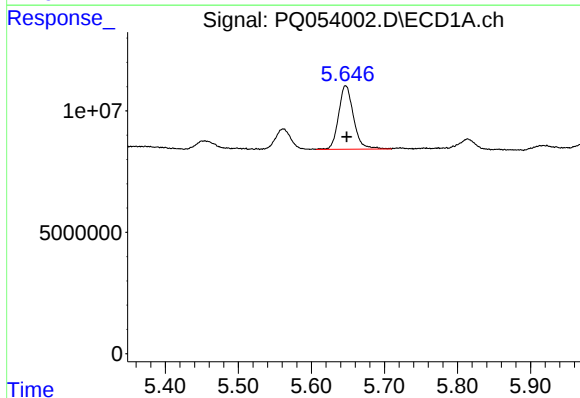
R.T.: 5.562 min
Delta R.T.: 0.001 min
Response: 11797732
Conc: 71.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



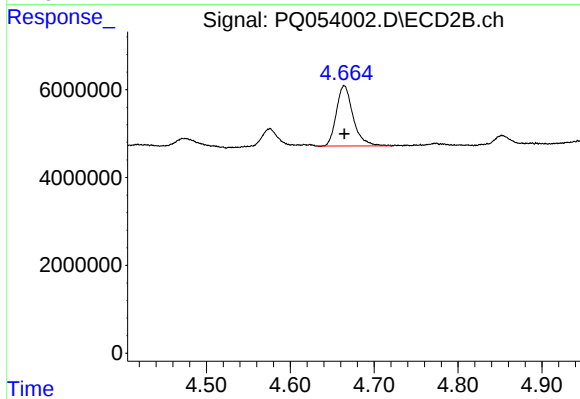
#9 AR-1221-2

R.T.: 4.576 min
Delta R.T.: 0.000 min
Response: 5213852
Conc: 60.89 ng/ml



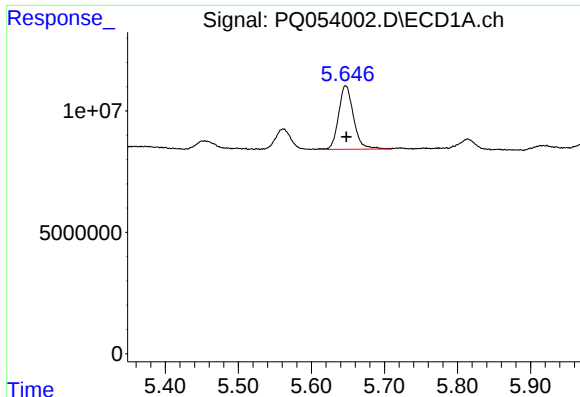
#10 AR-1221-3

R.T.: 5.647 min
Delta R.T.: -0.001 min
Response: 37218268
Conc: 67.97 ng/ml



#10 AR-1221-3

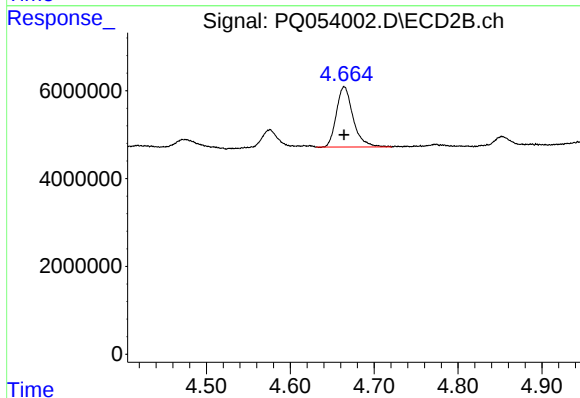
R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 19056328
Conc: 62.80 ng/ml



#11 AR-1232-1

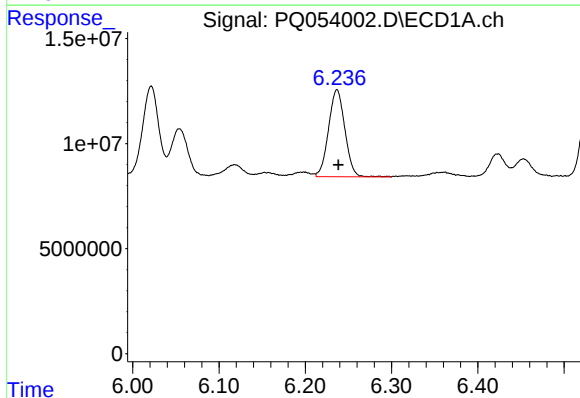
R.T.: 5.647 min
Delta R.T.: -0.001 min
Response: 37218268
Conc: 83.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



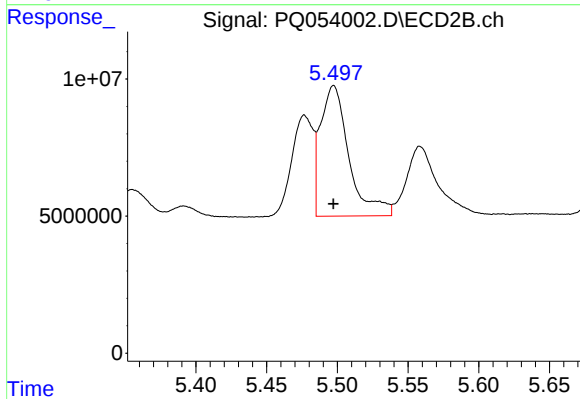
#11 AR-1232-1

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 19056328
Conc: 77.93 ng/ml



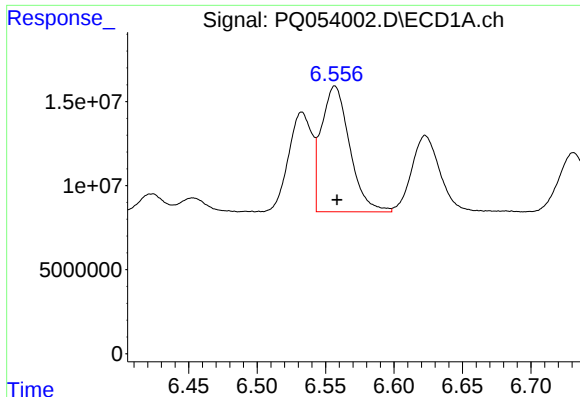
#12 AR-1232-2

R.T.: 6.237 min
Delta R.T.: -0.002 min
Response: 54515281
Conc: 222.86 ng/ml



#12 AR-1232-2

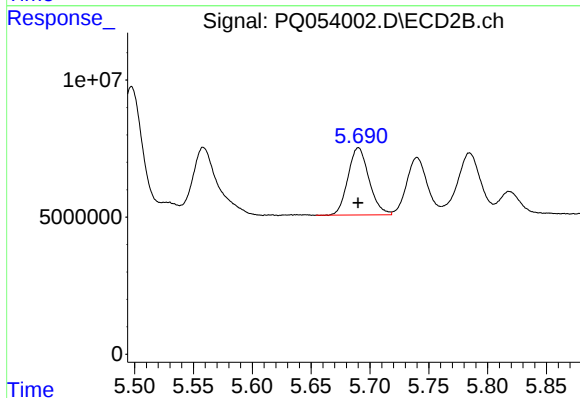
R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 66689830
Conc: 241.21 ng/ml



#13 AR-1232-3

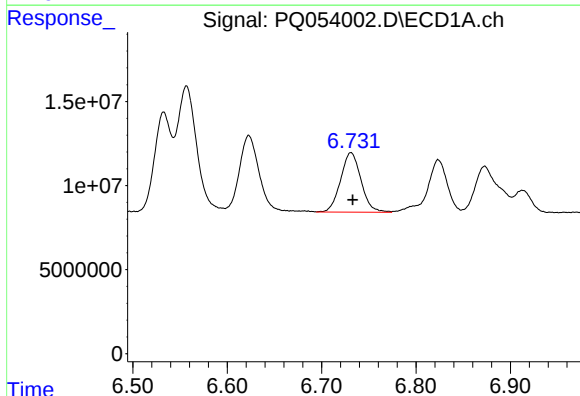
R.T.: 6.557 min
Delta R.T.: -0.001 min
Response: 107320091
Conc: 225.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



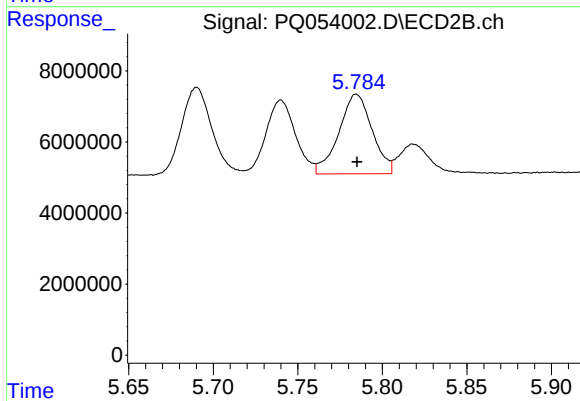
#13 AR-1232-3

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 30537679
Conc: 230.92 ng/ml



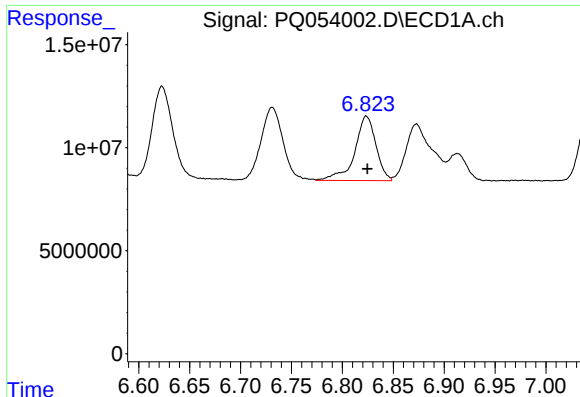
#14 AR-1232-4

R.T.: 6.731 min
Delta R.T.: -0.002 min
Response: 53274592
Conc: 232.12 ng/ml



#14 AR-1232-4

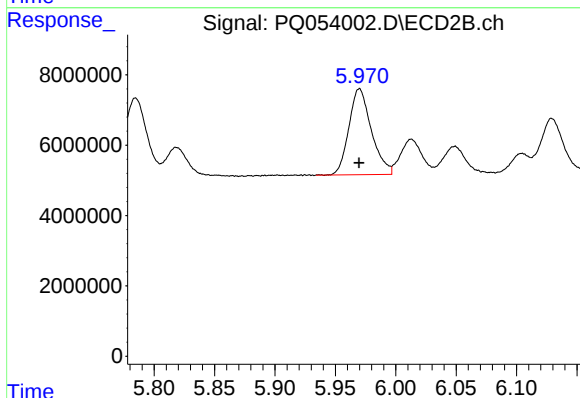
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 30719519
Conc: 273.17 ng/ml



#15 AR-1232-5

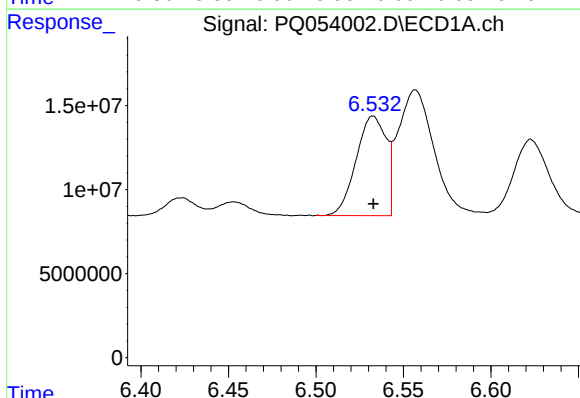
R.T.: 6.824 min
Delta R.T.: -0.001 min
Response: 45585617
Conc: 271.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



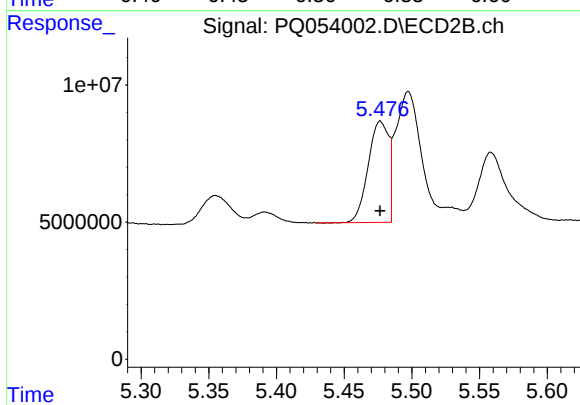
#15 AR-1232-5

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 31655170
Conc: 259.55 ng/ml



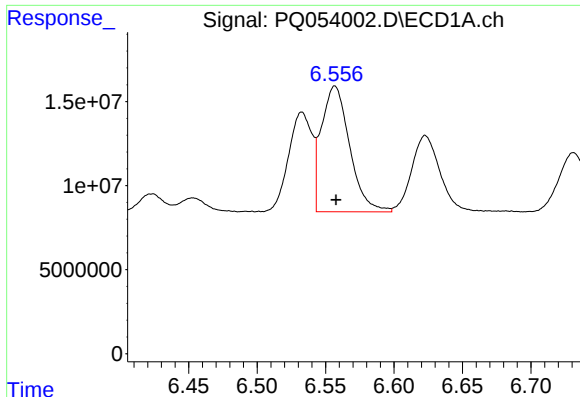
#16 AR-1242-1

R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 70841729
Conc: 134.83 ng/ml



#16 AR-1242-1

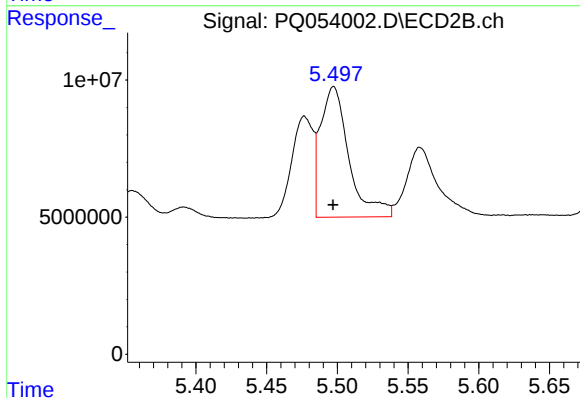
R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 38908196
Conc: 136.45 ng/ml



#17 AR-1242-2

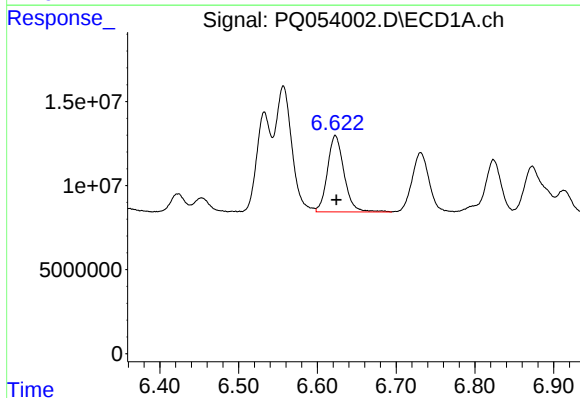
R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 107320091
Conc: 135.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



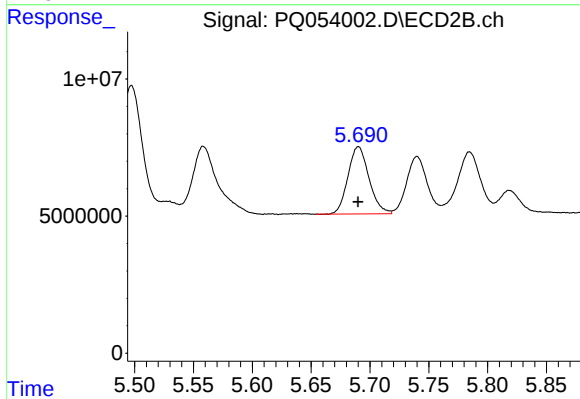
#17 AR-1242-2

R.T.: 5.497 min
Delta R.T.: 0.000 min
Response: 66689830
Conc: 151.40 ng/ml



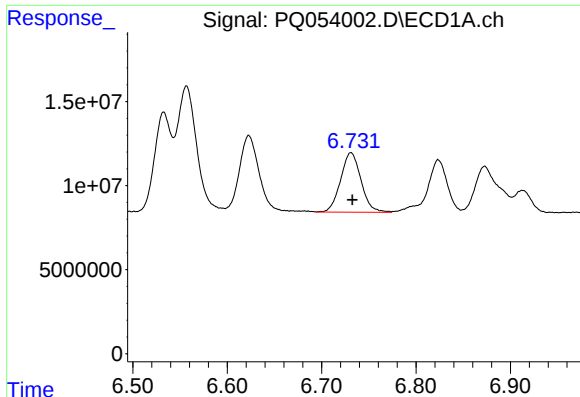
#18 AR-1242-3

R.T.: 6.623 min
Delta R.T.: -0.001 min
Response: 66406252
Conc: 137.59 ng/ml



#18 AR-1242-3

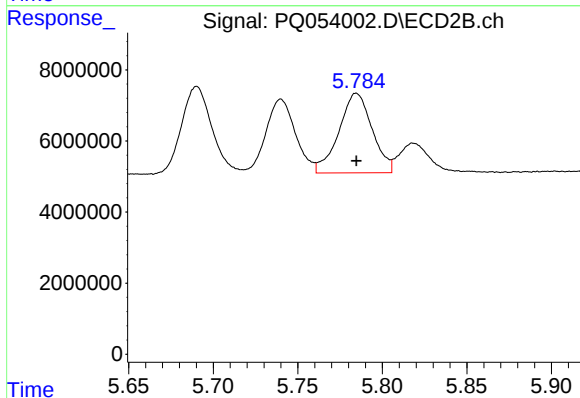
R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 30537679
Conc: 135.82 ng/ml



#19 AR-1242-4

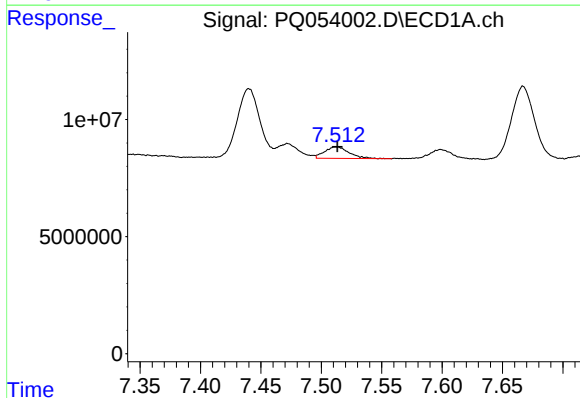
R.T.: 6.731 min
Delta R.T.: -0.002 min
Response: 53274592
Conc: 135.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



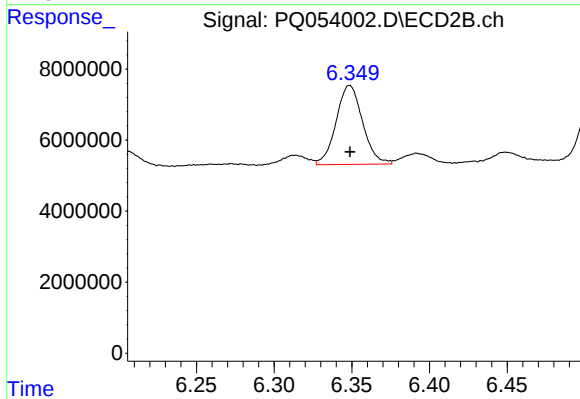
#19 AR-1242-4

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 30719519
Conc: 143.13 ng/ml



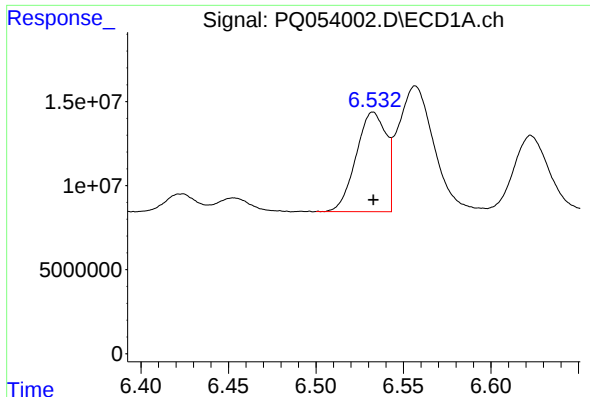
#20 AR-1242-5

R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 6985056
Conc: 16.91 ng/ml



#20 AR-1242-5

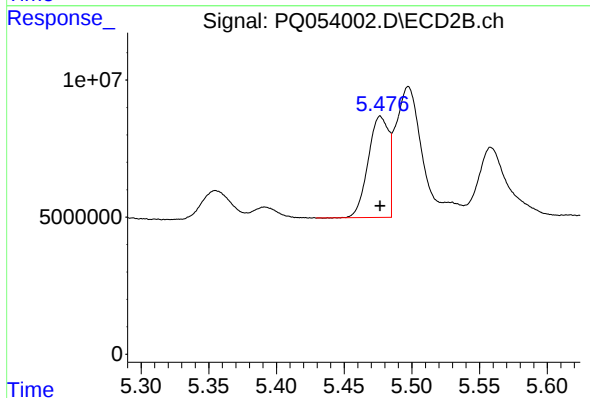
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 26399100
Conc: 91.13 ng/ml



#21 AR-1248-1

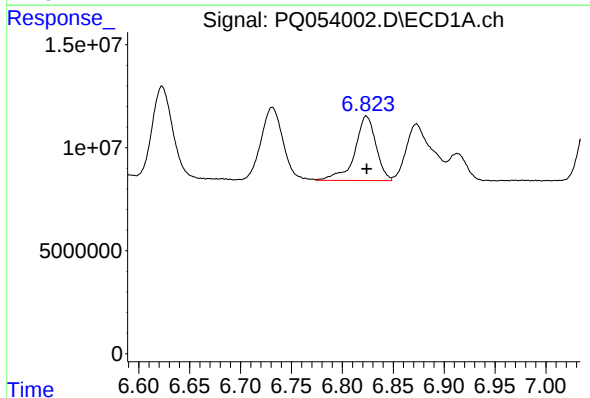
R.T.: 6.533 min
Delta R.T.: 0.000 min
Response: 70841729
Conc: 166.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



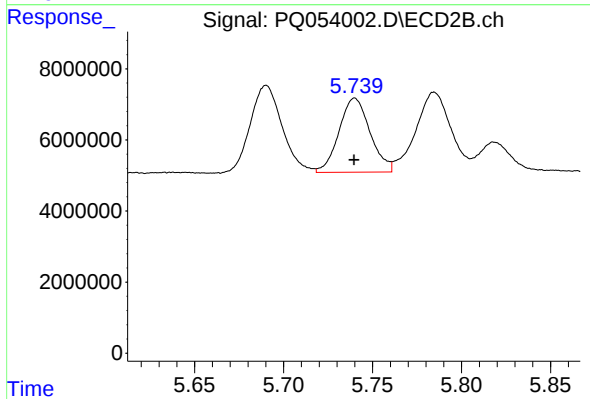
#21 AR-1248-1

R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 38908196
Conc: 166.60 ng/ml



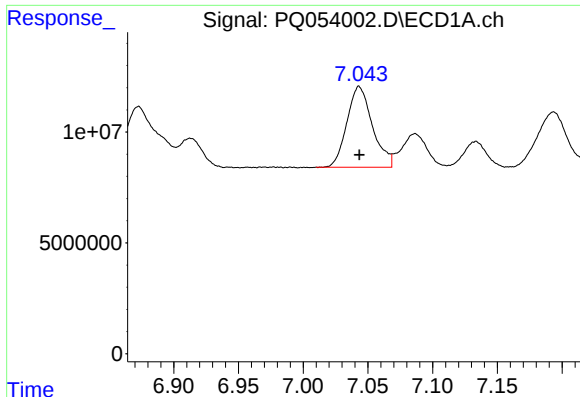
#22 AR-1248-2

R.T.: 6.824 min
Delta R.T.: 0.000 min
Response: 45585617
Conc: 74.81 ng/ml



#22 AR-1248-2

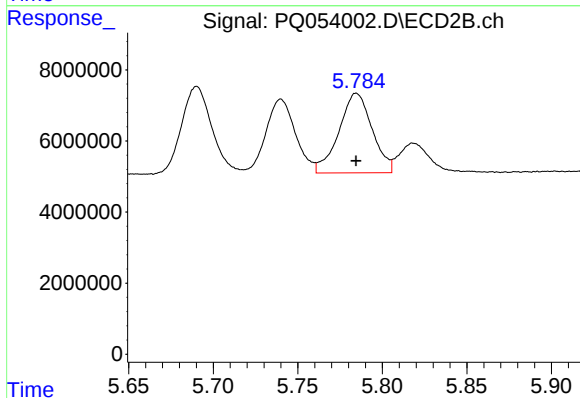
R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 25374356
Conc: 74.80 ng/ml



#23 AR-1248-3

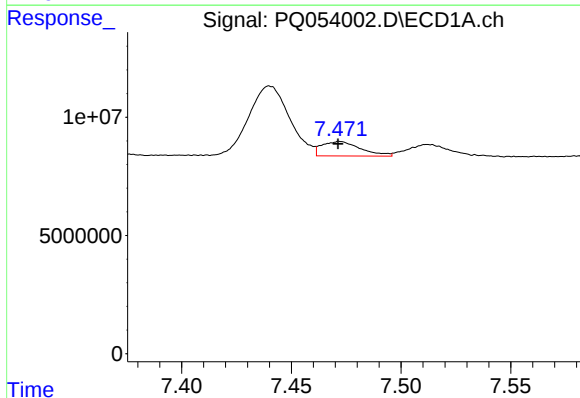
R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 49983081
Conc: 72.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



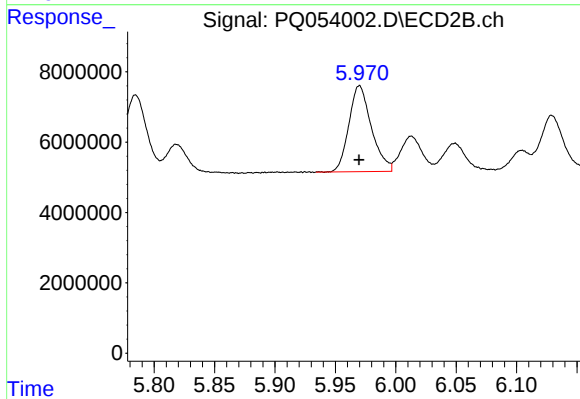
#23 AR-1248-3

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 30719519
Conc: 87.56 ng/ml



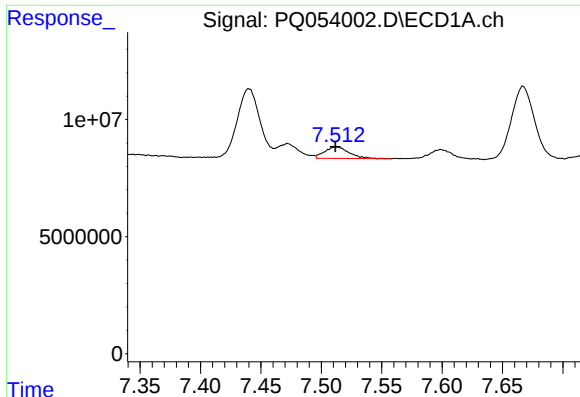
#24 AR-1248-4

R.T.: 7.472 min
Delta R.T.: 0.000 min
Response: 7584515
Conc: 9.77 ng/ml



#24 AR-1248-4

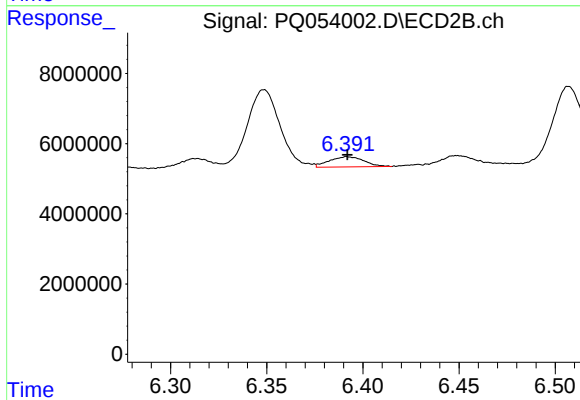
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 31655170
Conc: 75.75 ng/ml



#25 AR-1248-5

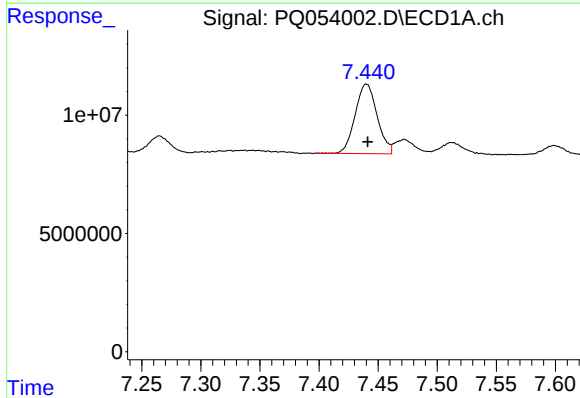
R.T.: 7.512 min
Delta R.T.: 0.000 min
Response: 6985056
Conc: 9.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



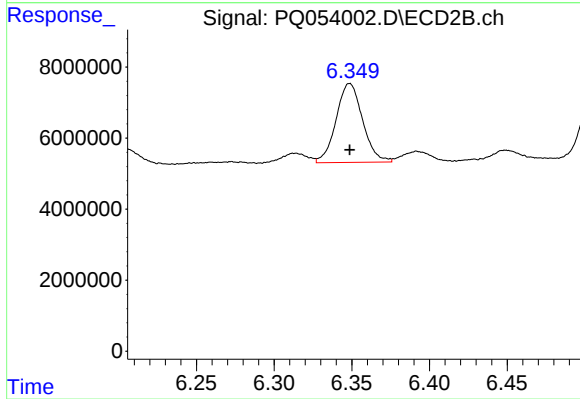
#25 AR-1248-5

R.T.: 6.392 min
Delta R.T.: 0.000 min
Response: 3651784
Conc: 8.41 ng/ml



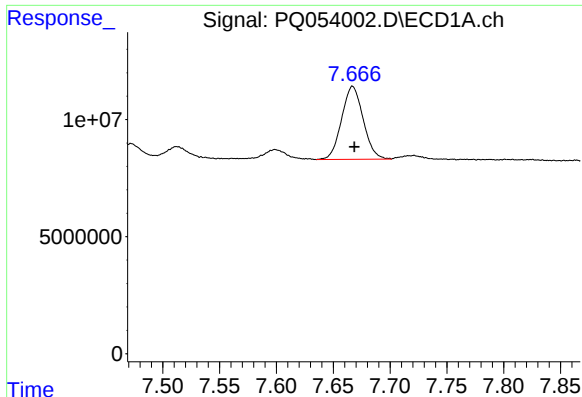
#26 AR-1254-1

R.T.: 7.440 min
Delta R.T.: 0.000 min
Response: 38082897
Conc: 63.15 ng/ml



#26 AR-1254-1

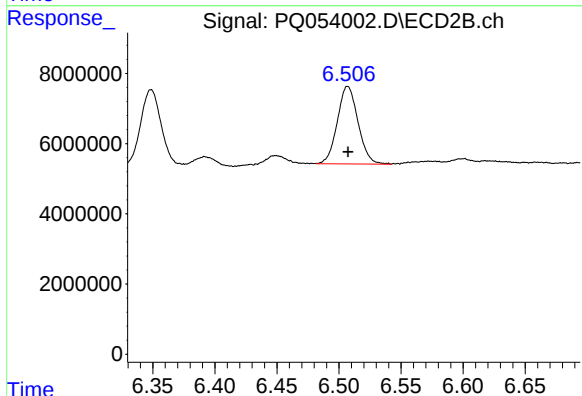
R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 26399100
Conc: 49.90 ng/ml



#27 AR-1254-2

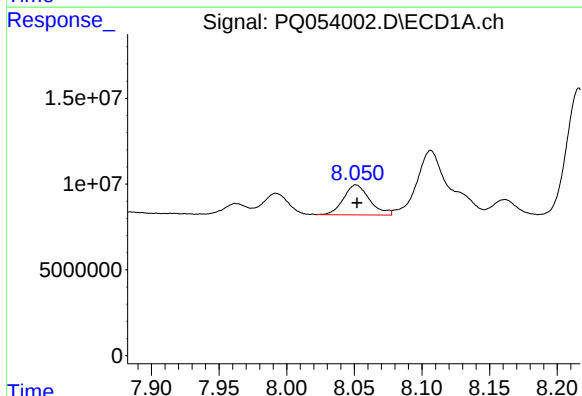
R.T.: 7.667 min
Delta R.T.: -0.001 min
Response: 41197274
Conc: 44.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



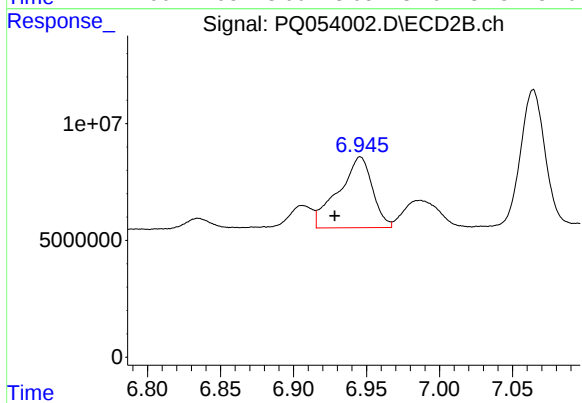
#27 AR-1254-2

R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 25627278
Conc: 54.69 ng/ml



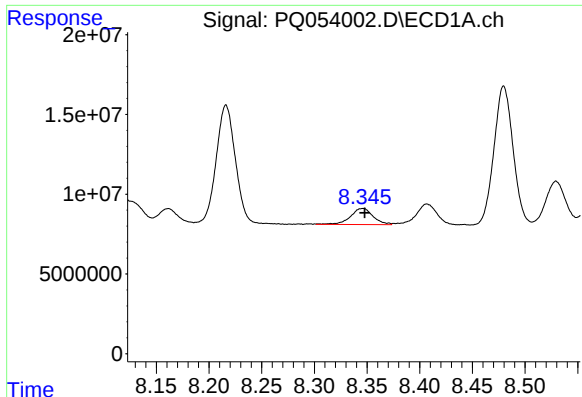
#28 AR-1254-3

R.T.: 8.051 min
Delta R.T.: 0.000 min
Response: 23448749
Conc: 23.62 ng/ml



#28 AR-1254-3

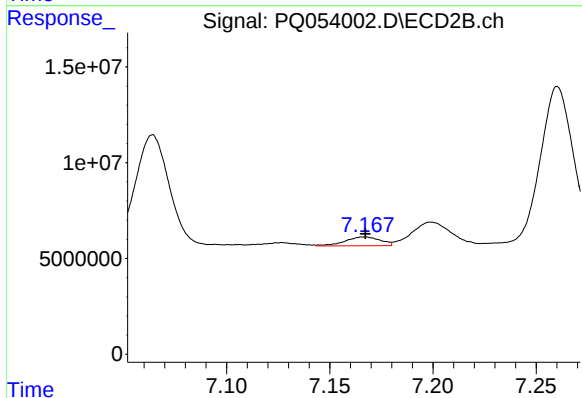
R.T.: 6.946 min
Delta R.T.: 0.018 min
Response: 48916966
Conc: 65.81 ng/ml



#29 AR-1254-4

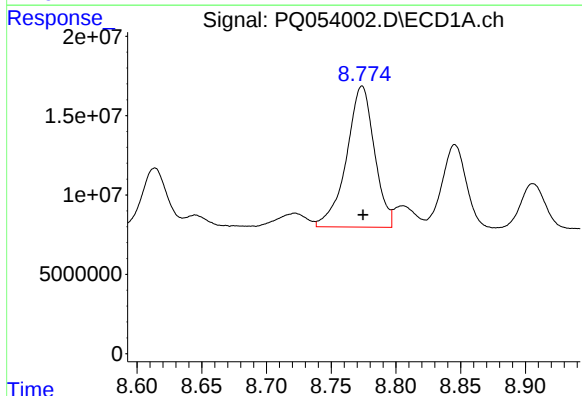
R.T.: 8.346 min
Delta R.T.: -0.002 min
Response: 15180324
Conc: 20.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



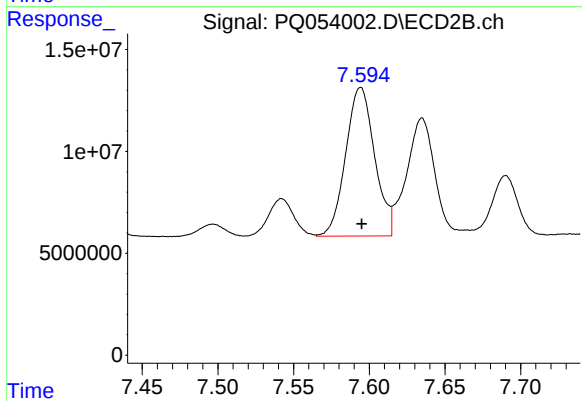
#29 AR-1254-4

R.T.: 7.167 min
Delta R.T.: 0.000 min
Response: 5468296
Conc: 10.79 ng/ml



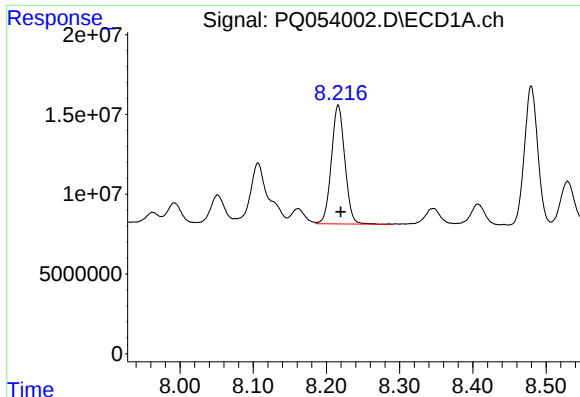
#30 AR-1254-5

R.T.: 8.774 min
Delta R.T.: 0.000 min
Response: 133327728
Conc: 177.42 ng/ml



#30 AR-1254-5

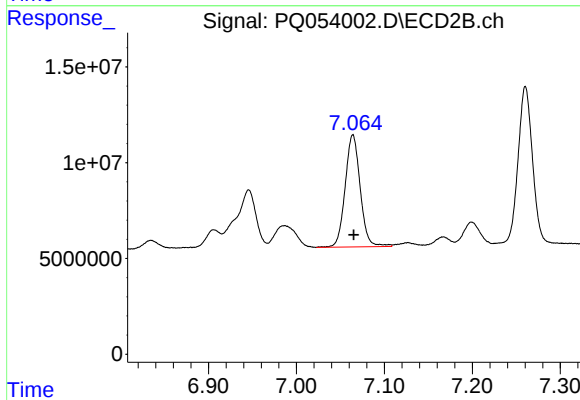
R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 97191967
Conc: 143.13 ng/ml



#31 AR-1260-1

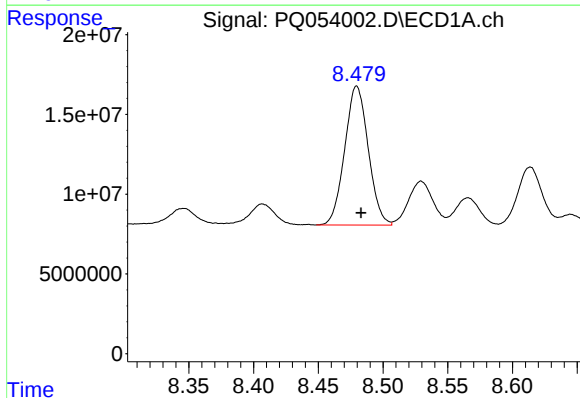
R.T.: 8.216 min
Delta R.T.: -0.003 min
Response: 94975276
Conc: 107.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



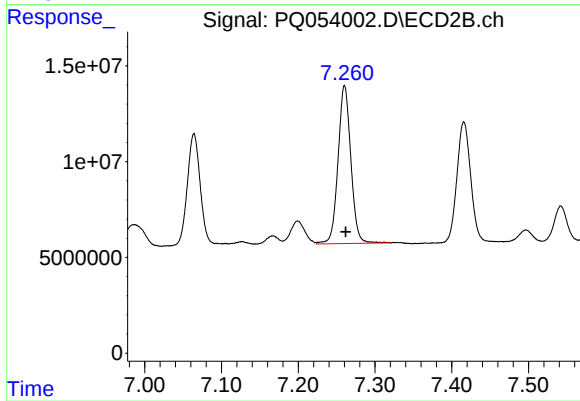
#31 AR-1260-1

R.T.: 7.064 min
Delta R.T.: 0.000 min
Response: 69748084
Conc: 107.21 ng/ml



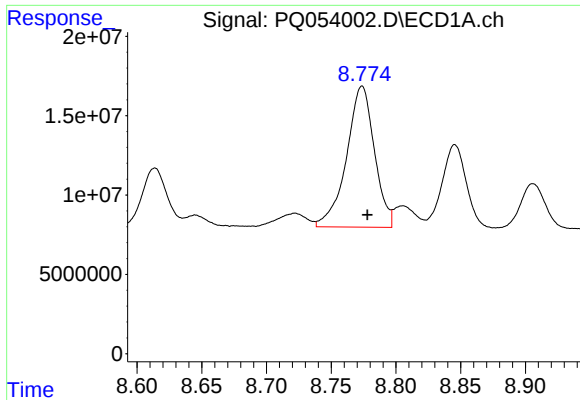
#32 AR-1260-2

R.T.: 8.480 min
Delta R.T.: -0.003 min
Response: 110356831
Conc: 101.41 ng/ml



#32 AR-1260-2

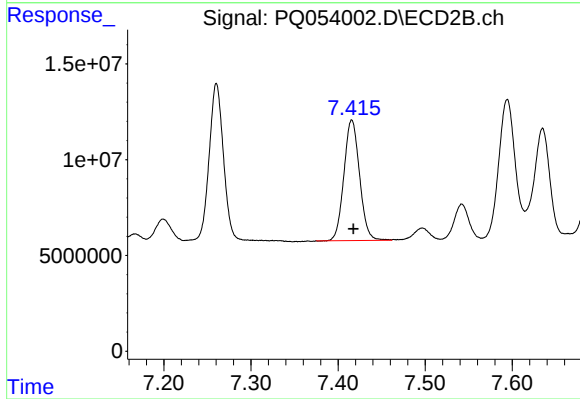
R.T.: 7.260 min
Delta R.T.: -0.002 min
Response: 95790303
Conc: 105.89 ng/ml



#33 AR-1260-3

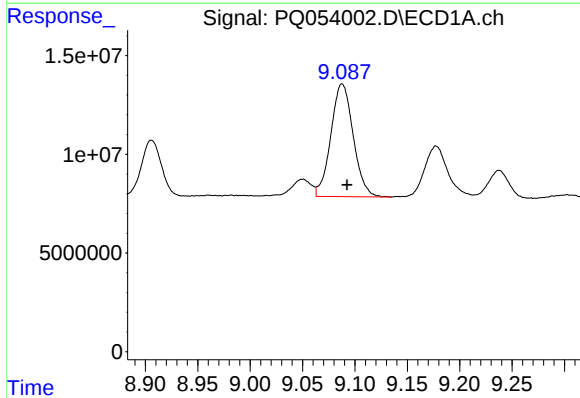
R.T.: 8.774 min
Delta R.T.: -0.004 min
Response: 133327728
Conc: 106.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



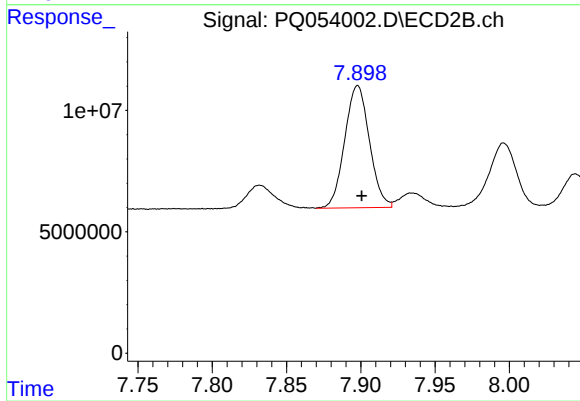
#33 AR-1260-3

R.T.: 7.416 min
Delta R.T.: -0.002 min
Response: 78714521
Conc: 104.41 ng/ml



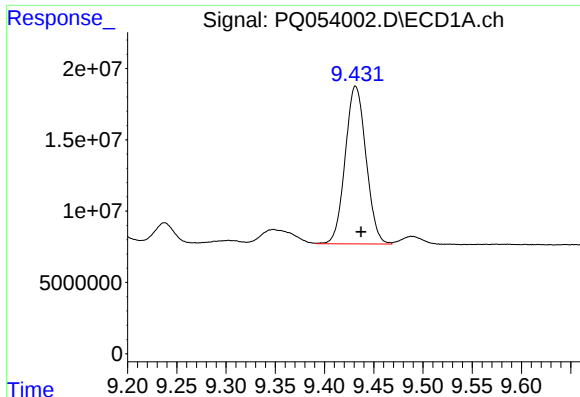
#34 AR-1260-4

R.T.: 9.088 min
Delta R.T.: -0.005 min
Response: 84903670
Conc: 92.87 ng/ml



#34 AR-1260-4

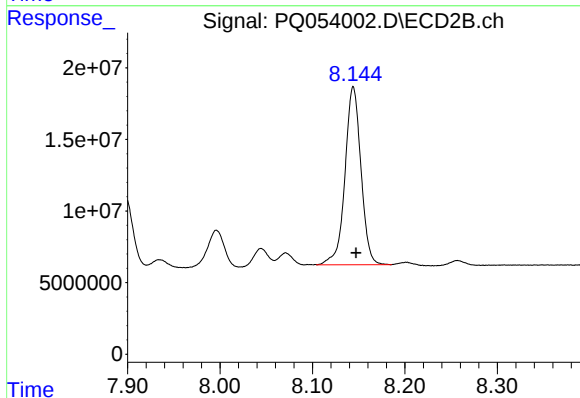
R.T.: 7.898 min
Delta R.T.: -0.003 min
Response: 58192686
Conc: 89.45 ng/ml



#35 AR-1260-5

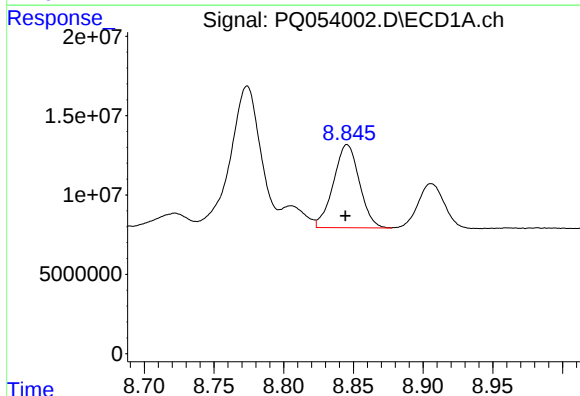
R.T.: 9.432 min
Delta R.T.: -0.005 min
Response: 162626372
Conc: 88.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



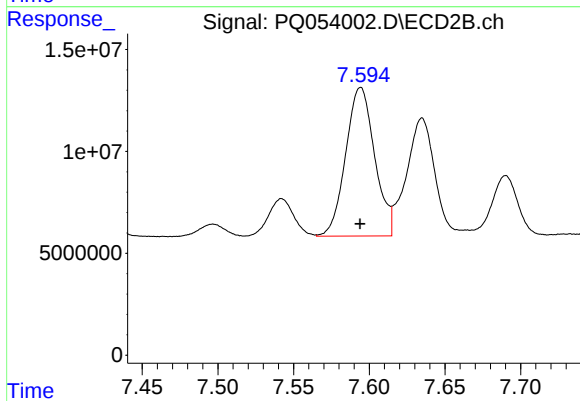
#35 AR-1260-5

R.T.: 8.144 min
Delta R.T.: -0.003 min
Response: 149282297
Conc: 83.45 ng/ml



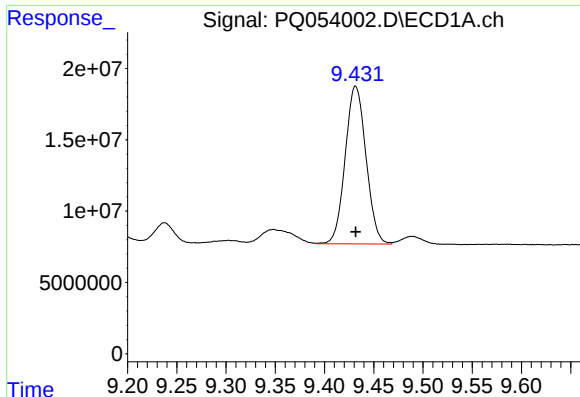
#36 AR-1262-1

R.T.: 8.845 min
Delta R.T.: 0.001 min
Response: 67996667
Conc: 51.07 ng/ml



#36 AR-1262-1

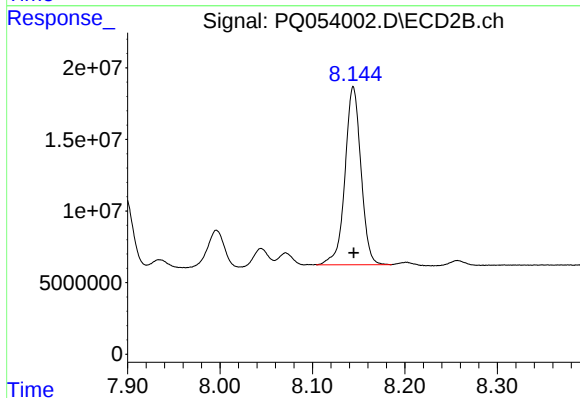
R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 97191967
Conc: 173.47 ng/ml



#37 AR-1262-2

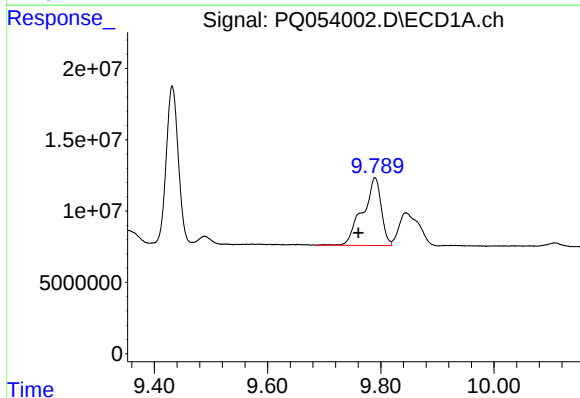
R.T.: 9.432 min
Delta R.T.: 0.000 min
Response: 162626372
Conc: 65.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



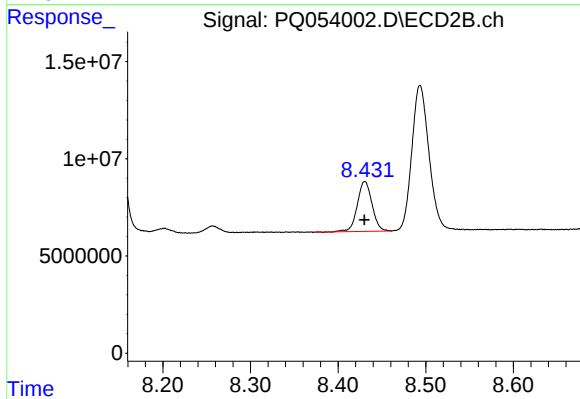
#37 AR-1262-2

R.T.: 8.144 min
Delta R.T.: 0.000 min
Response: 149282297
Conc: 64.17 ng/ml



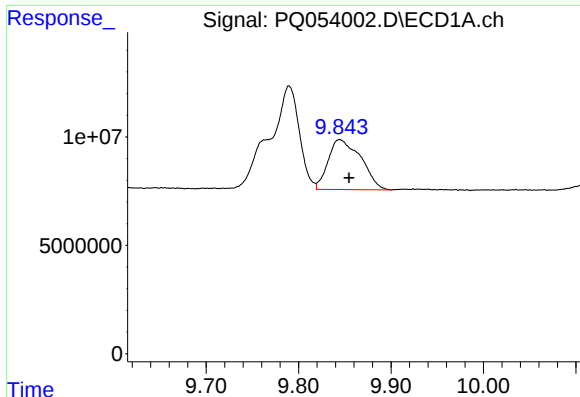
#38 AR-1262-3

R.T.: 9.790 min
Delta R.T.: 0.029 min
Response: 107820716
Conc: 103.22 ng/ml



#38 AR-1262-3

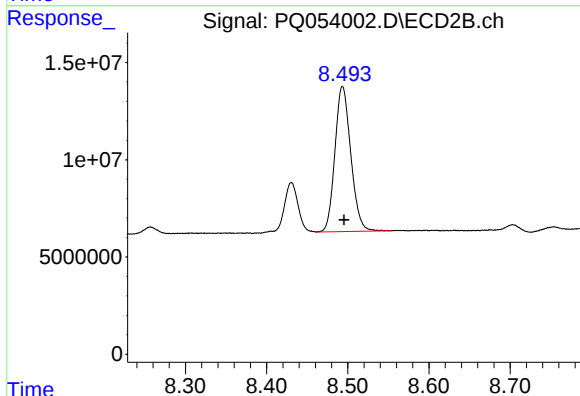
R.T.: 8.431 min
Delta R.T.: 0.000 min
Response: 29918546
Conc: 32.08 ng/ml



#39 AR-1262-4

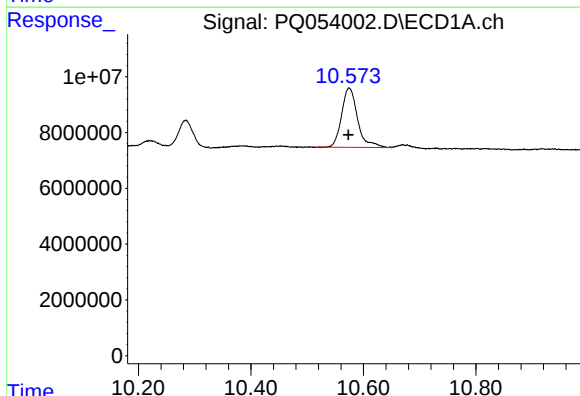
R.T.: 9.844 min
Delta R.T.: -0.010 min
Response: 56646205
Conc: 92.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



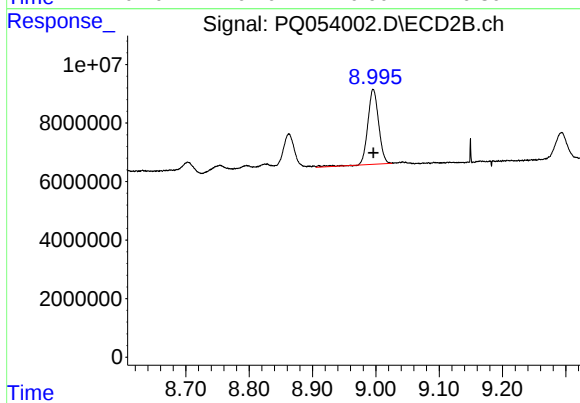
#39 AR-1262-4

R.T.: 8.493 min
Delta R.T.: -0.002 min
Response: 101565475
Conc: 64.19 ng/ml



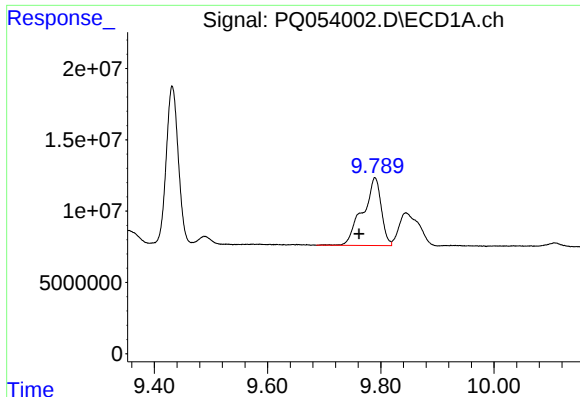
#40 AR-1262-5

R.T.: 10.575 min
Delta R.T.: 0.001 min
Response: 42070628
Conc: 49.09 ng/ml



#40 AR-1262-5

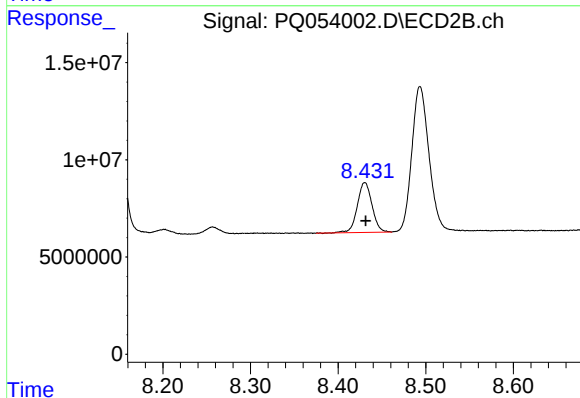
R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 30830785
Conc: 43.14 ng/ml



#41 AR-1268-1

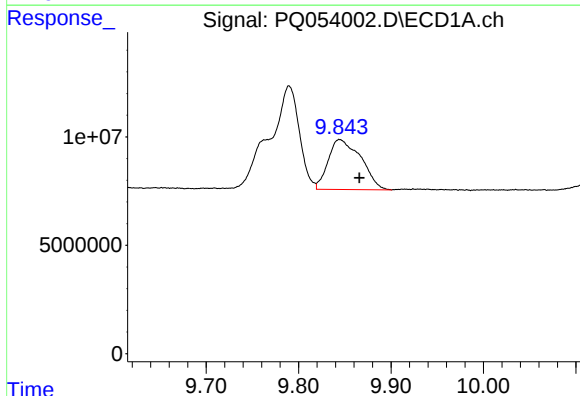
R.T.: 9.790 min
Delta R.T.: 0.028 min
Response: 107820716
Conc: 33.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



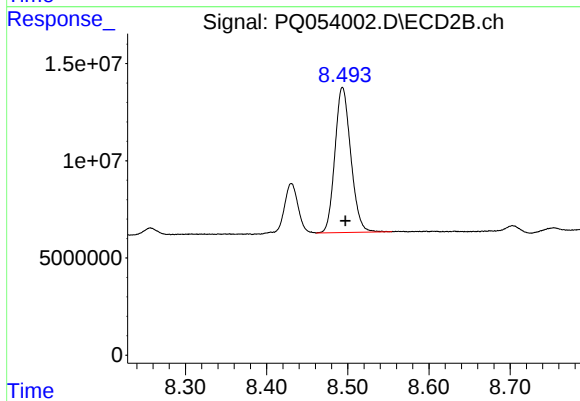
#41 AR-1268-1

R.T.: 8.431 min
Delta R.T.: -0.001 min
Response: 29918546
Conc: 9.42 ng/ml



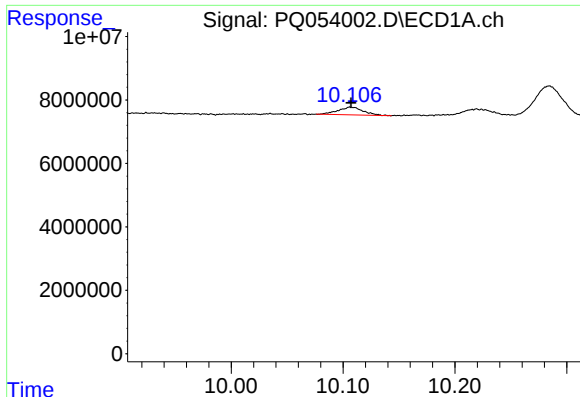
#42 AR-1268-2

R.T.: 9.844 min
Delta R.T.: -0.021 min
Response: 56646205
Conc: 19.20 ng/ml



#42 AR-1268-2

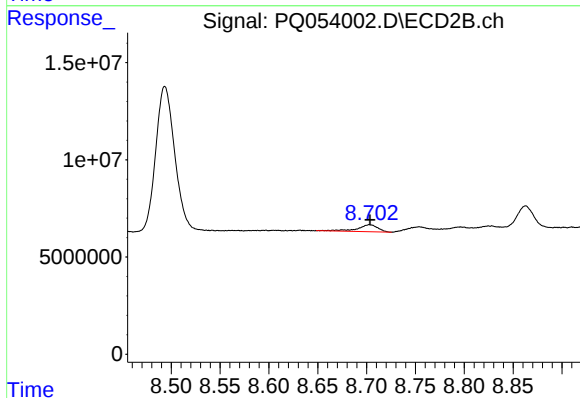
R.T.: 8.493 min
Delta R.T.: -0.003 min
Response: 101565475
Conc: 37.42 ng/ml



#43 AR-1268-3

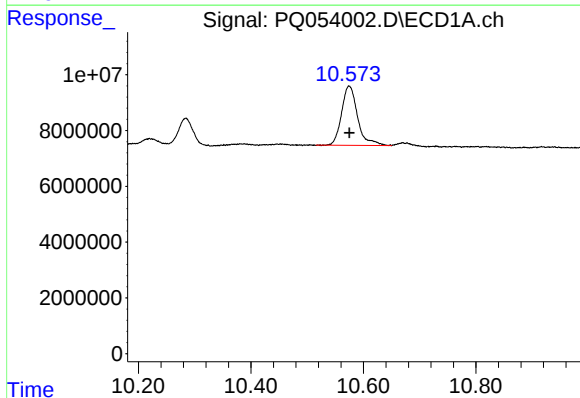
R.T.: 10.107 min
Delta R.T.: 0.000 min
Response: 3848149
Conc: 1.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



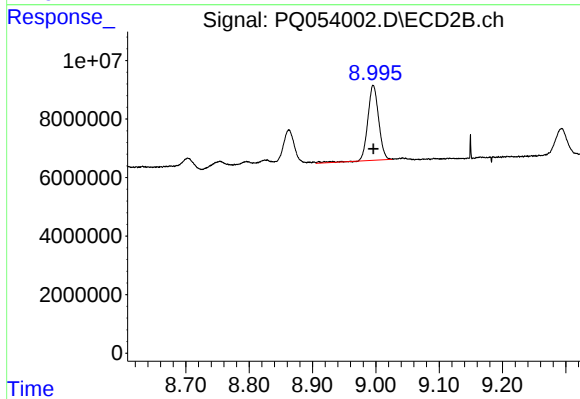
#43 AR-1268-3

R.T.: 8.703 min
Delta R.T.: 0.000 min
Response: 5280889
Conc: 2.25 ng/ml



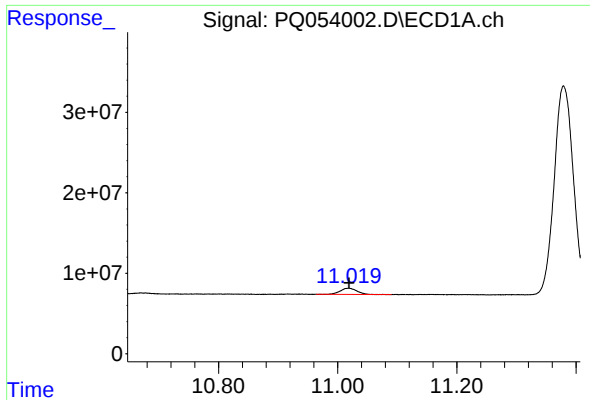
#44 AR-1268-4

R.T.: 10.575 min
Delta R.T.: 0.000 min
Response: 42070628
Conc: 38.86 ng/ml



#44 AR-1268-4

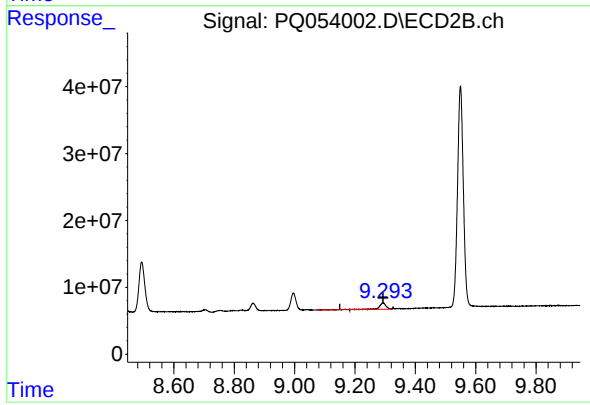
R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 30830785
Conc: 34.04 ng/ml



#45 AR-1268-5

R.T.: 11.018 min
Delta R.T.: 0.000 min
Response: 15212945
Conc: 1.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.293 min
Delta R.T.: 0.000 min
Response: 14712994
Conc: 2.25 ng/ml