

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
 Data File : PQ054189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jul 2021 08:35
 Operator : AJ\MA
 Sample : M2940-07
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 09:46:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 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...	5.203	4.208	451.6E6	209.1E6	19.340	14.789
2)	SA Decachlor...	11.377	9.545	333.4E6	230.7E6	19.815	18.288
Target Compounds							
3)	L1 AR-1016-1	6.532	5.493f	2010750	3114058	2.743	6.879 #
4)	L1 AR-1016-2	6.532f	5.493	2010750	3114058	1.790	4.201 #
5)	L1 AR-1016-3	6.600f	5.691	2599777	564628	3.769	1.566 #
6)	L1 AR-1016-4	0.000	5.734	0	9478338	N.D.	33.209 #
7)	L1 AR-1016-5	7.040	5.964	11684744	5763039	21.587	15.817 #
8)	L2 AR-1221-1	5.426f	0.000	1554201	0	6.424	N.D. #
9)	L2 AR-1221-2	5.562	4.565	8814661	4706703	48.661	44.617
10)	L2 AR-1221-3	0.000	4.641	0	1523251	N.D.	4.341 #
11)	L3 AR-1232-1	0.000	4.641	0	1523251	N.D.	6.526 #
12)	L3 AR-1232-2	0.000	5.493	0	3114058	N.D.	10.752 #
13)	L3 AR-1232-3	6.532f	5.691	2010750	564628	4.686	4.256
14)	L3 AR-1232-4	0.000	5.778	0	2803929	N.D.	24.572 #
15)	L3 AR-1232-5	6.820	5.964	16904491	5763039	104.019	44.844 #
16)	L4 AR-1242-1	6.532	5.493f	2010750	3114058	4.379	11.453 #
17)	L4 AR-1242-2	6.532f	5.493	2010750	3114058	2.853	6.616 #
18)	L4 AR-1242-3	6.600f	5.691	2599777	564628	5.972	2.559 #
19)	L4 AR-1242-4	0.000	5.778	0	2803929	N.D.	12.961 #
20)	L4 AR-1242-5	7.512	6.344	9537519	22550585	25.907	76.017 #
21)	L5 AR-1248-1	6.532	5.493f	2010750	3114058	5.420	13.802 #
22)	L5 AR-1248-2	6.820	5.734	16904491	9478338	32.273	28.879
23)	L5 AR-1248-3	7.040	5.778	11684744	2803929	19.689	8.479 #
24)	L5 AR-1248-4	7.471	5.964	14133796	5763039	21.277	14.521 #
25)	L5 AR-1248-5	7.512	6.388	9537519	2660236	14.648	6.675 #
26)	L6 AR-1254-1	7.438	6.344	29705374	22550585	42.030	33.721
27)	L6 AR-1254-2	7.666	6.503	43533036	19848271	39.757	32.280
28)	L6 AR-1254-3	8.050	6.924	47015476	30871608	39.976	31.973
29)	L6 AR-1254-4	8.346	7.164	33060920	20738192	37.512	31.118
30)	L6 AR-1254-5	8.773	7.591	35603178	29903128	36.486	30.659
31)	L7 AR-1260-1	8.214	7.061	17901827	15113140	18.233	20.163
32)	L7 AR-1260-2	8.477	7.256	20753874	13620837	18.279	13.040 #
33)	L7 AR-1260-3	8.835	7.410	4984269	15485245	7.046	17.793 #
34)	L7 AR-1260-4	9.081	7.894	17463059	1319009	19.740	2.118 #
35)	L7 AR-1260-5	9.431	8.140	5354084	3339625	3.180	1.949 #
36)	L8 AR-1262-1	8.835	7.591	4984269	29903128	5.039	66.167 #
37)	L8 AR-1262-2	9.431	8.140	5354084	3339625	2.966	1.773 #
38)	L8 AR-1262-3	9.792f	0.000	4279700	0	3.493	N.D. #
39)	L8 AR-1262-4	0.000	8.489	0	3566790	N.D.	2.853 #
42)	L9 AR-1268-2	0.000	8.489	0	3566790	N.D.	1.910 #
43)	L9 AR-1268-3	0.000	8.701	0	1372900	N.D.	0.821 #

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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
45) L9	AR-1268-5	11.018	9.289	2456225	5456969	0.450	1.158 #

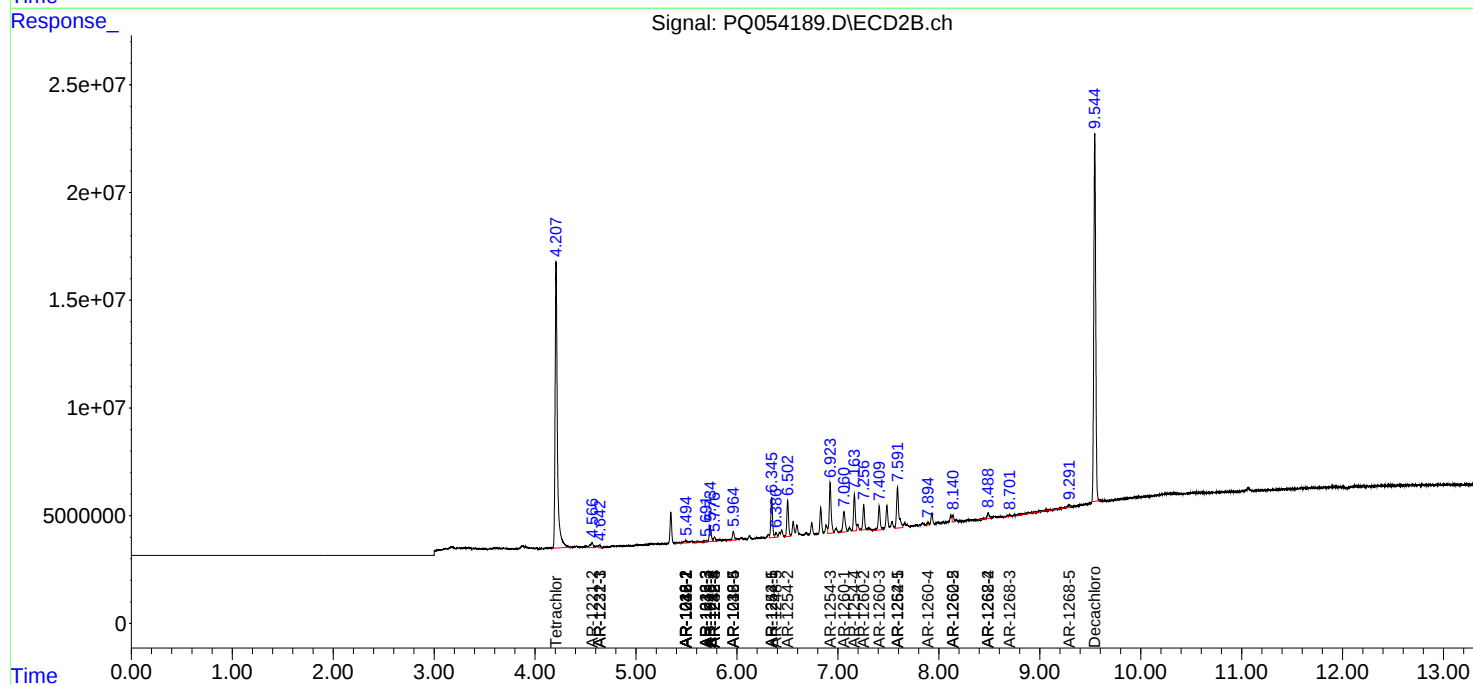
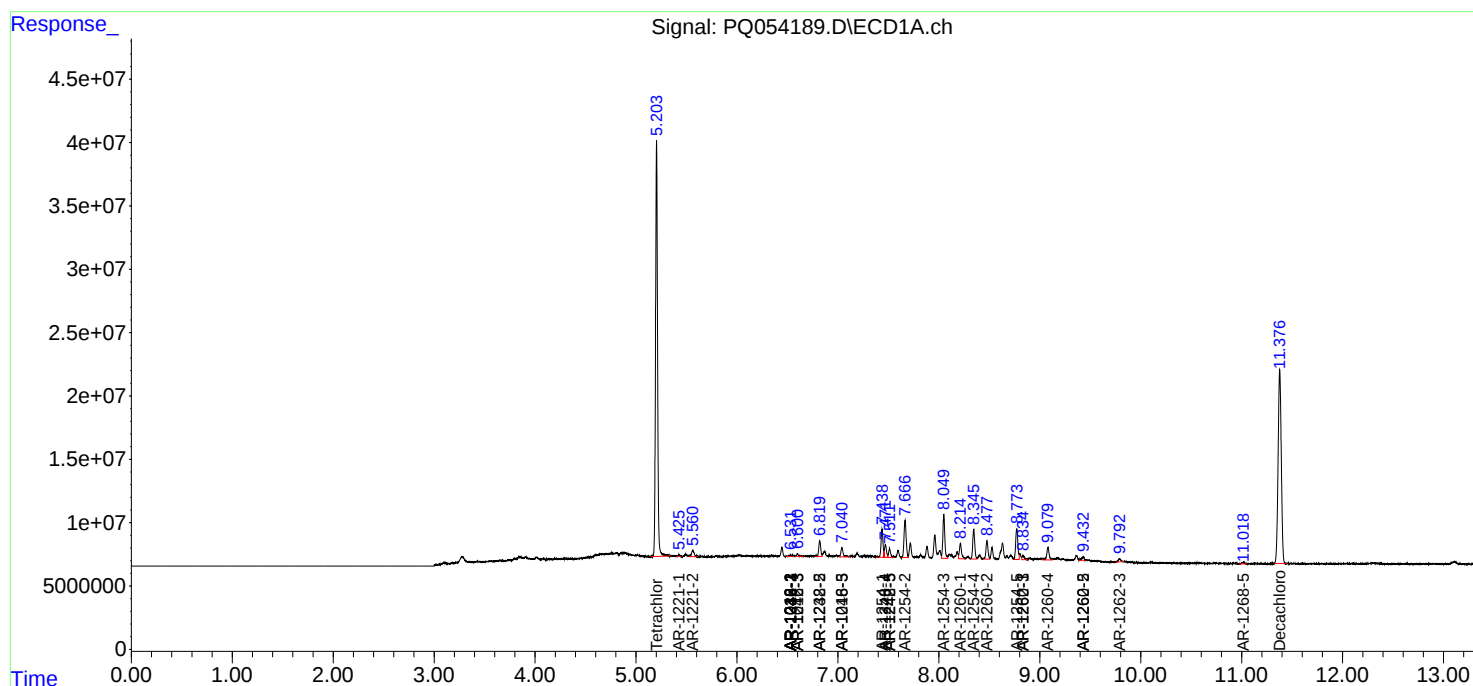
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

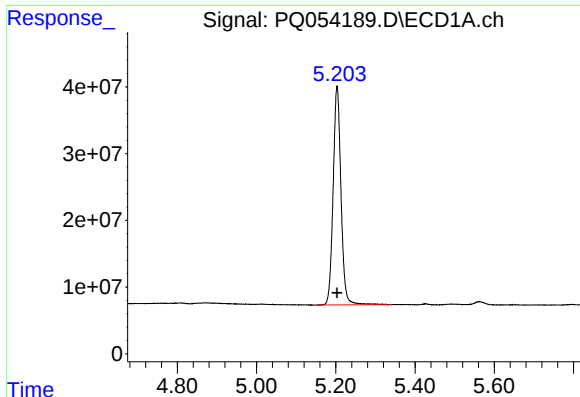
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
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Quant Time: Jul 30 09:46:59 2021
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

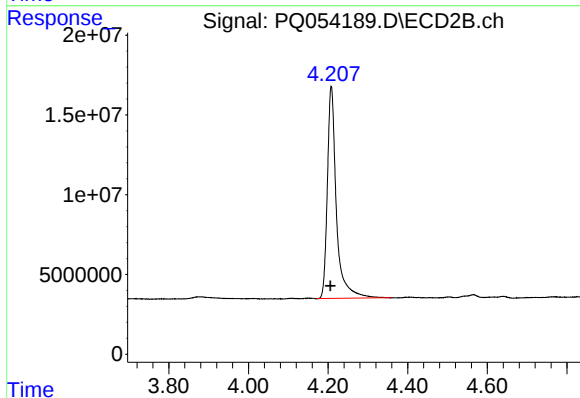




#1 Tetrachloro-m-xylene

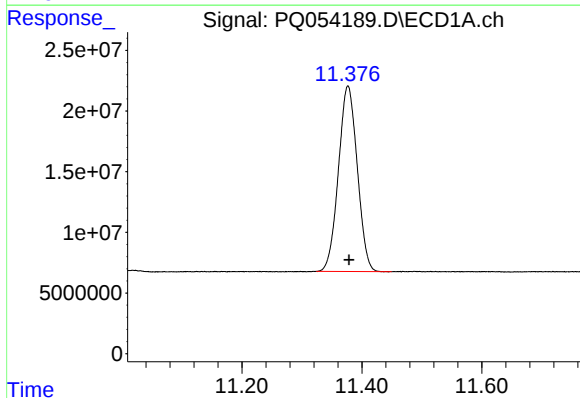
R.T.: 5.203 min
Delta R.T.: 0.000 min
Response: 451643642
Conc: 19.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



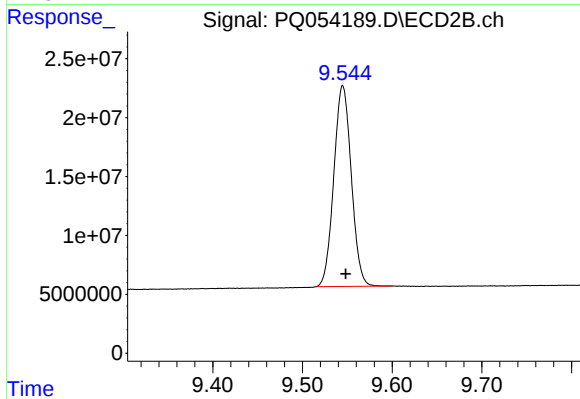
#1 Tetrachloro-m-xylene

R.T.: 4.208 min
Delta R.T.: 0.002 min
Response: 209077825
Conc: 14.79 ng/ml



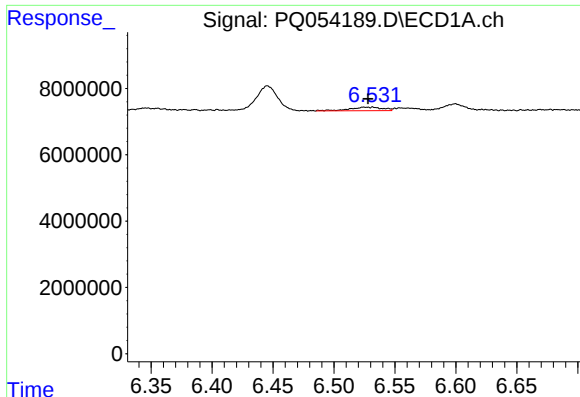
#2 Decachlorobiphenyl

R.T.: 11.377 min
Delta R.T.: -0.002 min
Response: 333409757
Conc: 19.82 ng/ml



#2 Decachlorobiphenyl

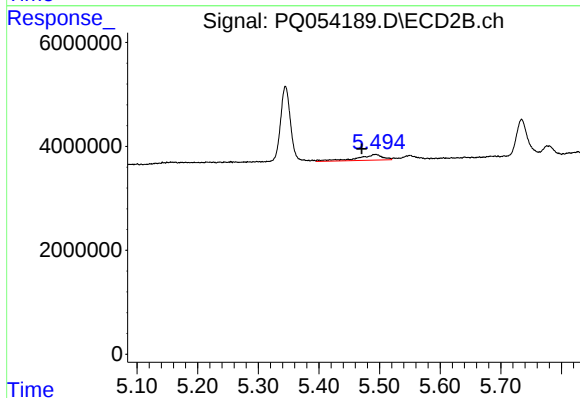
R.T.: 9.545 min
Delta R.T.: -0.003 min
Response: 230680375
Conc: 18.29 ng/ml



#3 AR-1016-1

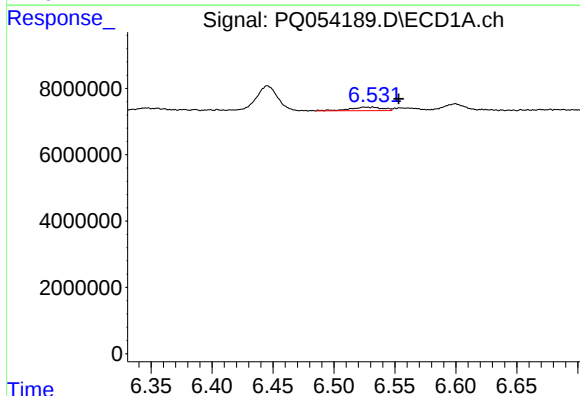
R.T.: 6.532 min
Delta R.T.: 0.004 min
Response: 2010750
Conc: 2.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



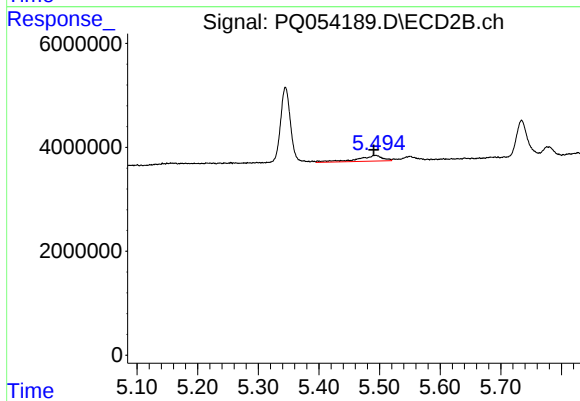
#3 AR-1016-1

R.T.: 5.493 min
Delta R.T.: 0.023 min
Response: 3114058
Conc: 6.88 ng/ml



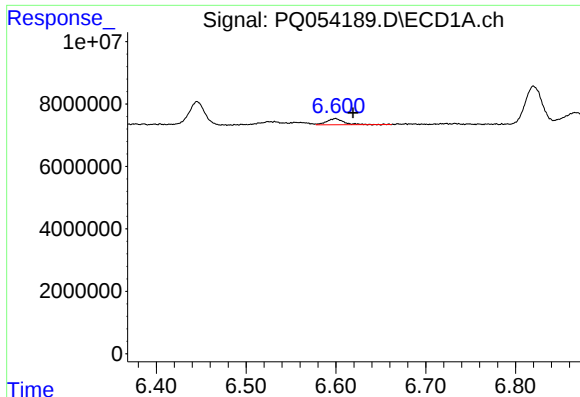
#4 AR-1016-2

R.T.: 6.532 min
Delta R.T.: -0.021 min
Response: 2010750
Conc: 1.79 ng/ml



#4 AR-1016-2

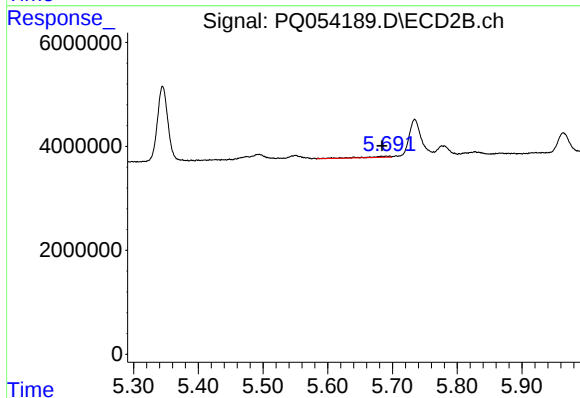
R.T.: 5.493 min
Delta R.T.: 0.003 min
Response: 3114058
Conc: 4.20 ng/ml



#5 AR-1016-3

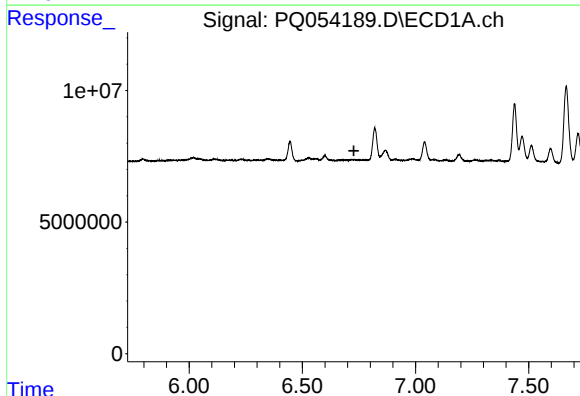
R.T.: 6.600 min
Delta R.T.: -0.019 min
Response: 2599777
Conc: 3.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



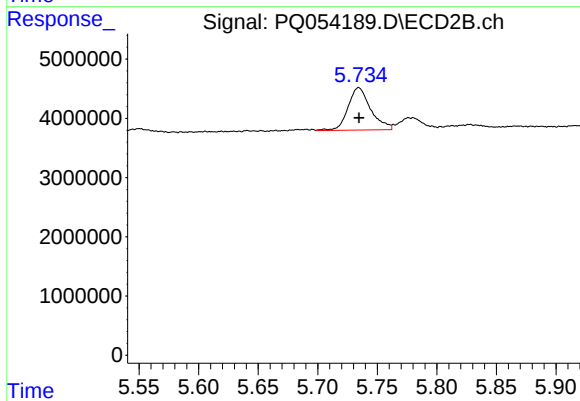
#5 AR-1016-3

R.T.: 5.691 min
Delta R.T.: 0.007 min
Response: 564628
Conc: 1.57 ng/ml



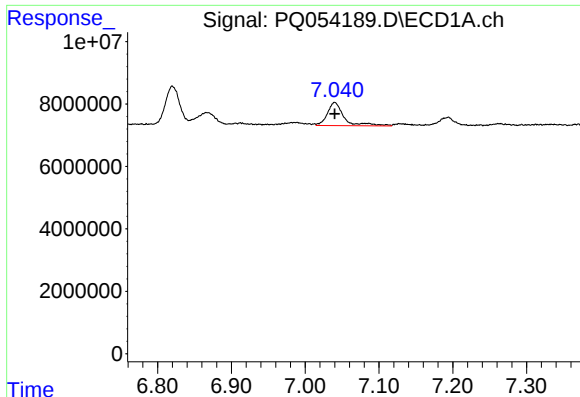
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.728 min
Response: 0
Conc: N.D.



#6 AR-1016-4

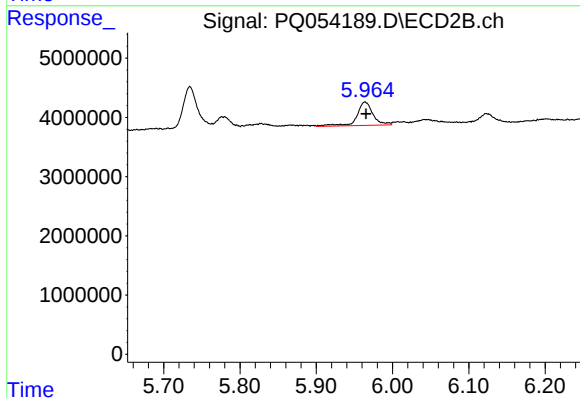
R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 9478338
Conc: 33.21 ng/ml



#7 AR-1016-5

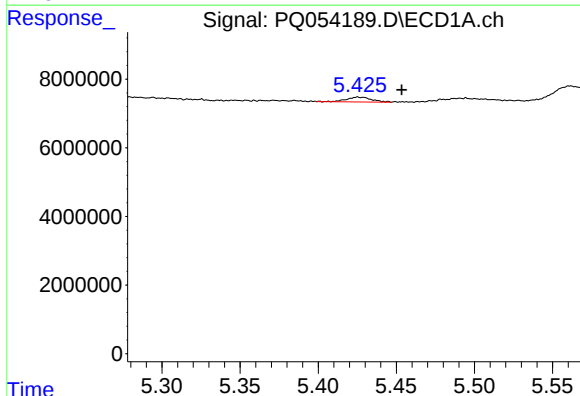
R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 11684744
Conc: 21.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



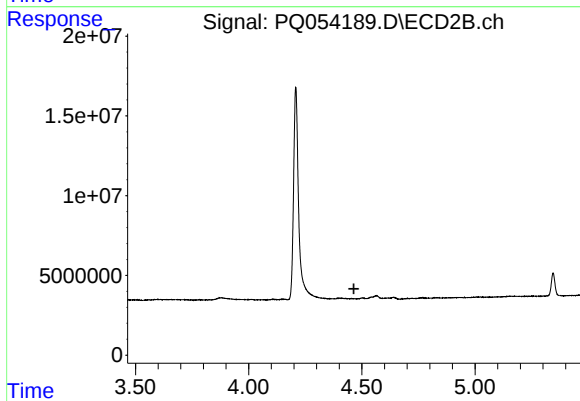
#7 AR-1016-5

R.T.: 5.964 min
Delta R.T.: -0.001 min
Response: 5763039
Conc: 15.82 ng/ml



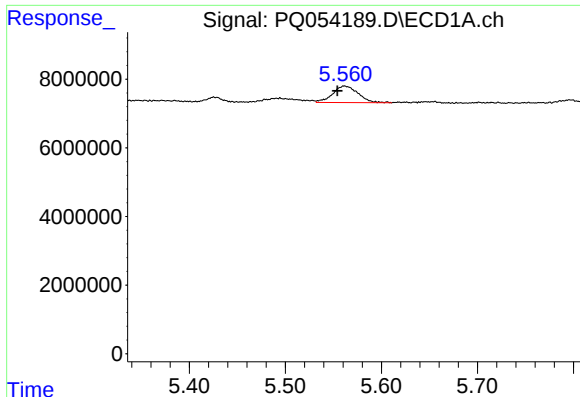
#8 AR-1221-1

R.T.: 5.426 min
Delta R.T.: -0.028 min
Response: 1554201
Conc: 6.42 ng/ml



#8 AR-1221-1

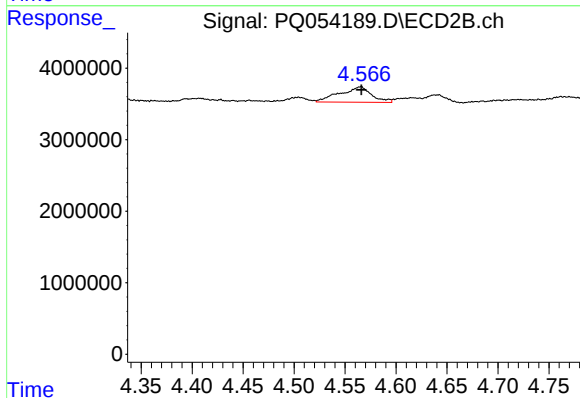
R.T.: 0.000 min
Exp R.T. : 4.465 min
Response: 0
Conc: N.D.



#9 AR-1221-2

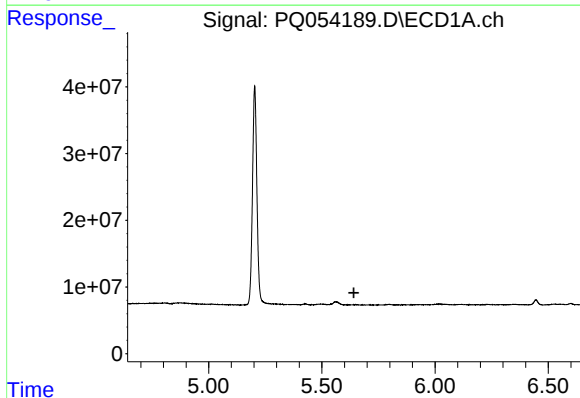
R.T.: 5.562 min
Delta R.T.: 0.007 min
Response: 8814661
Conc: 48.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



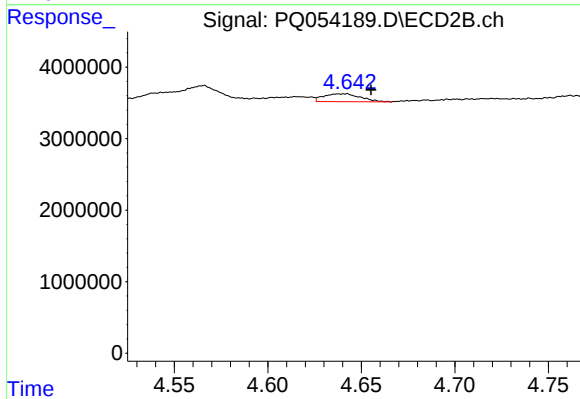
#9 AR-1221-2

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 4706703
Conc: 44.62 ng/ml



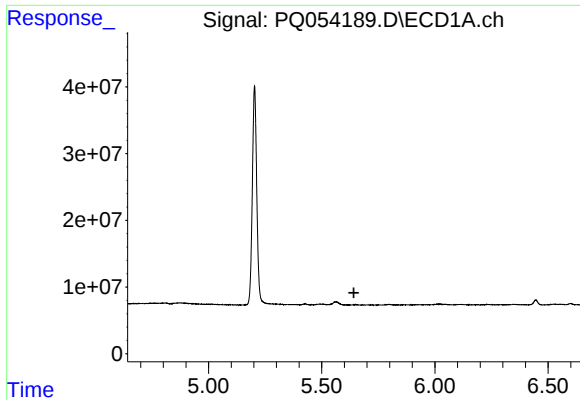
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.641 min
Response: 0
Conc: N.D.



#10 AR-1221-3

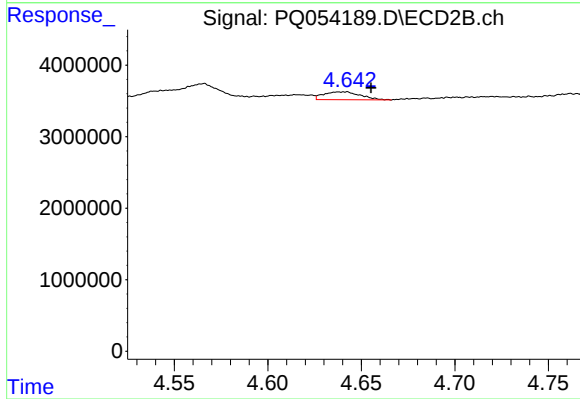
R.T.: 4.641 min
Delta R.T.: -0.014 min
Response: 1523251
Conc: 4.34 ng/ml



#11 AR-1232-1

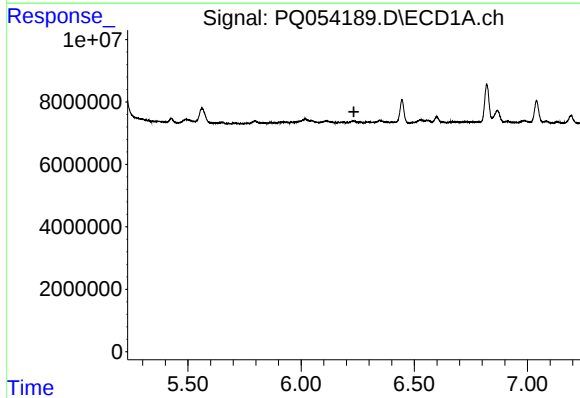
R.T.: 0.000 min
Exp R.T. : 5.642 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



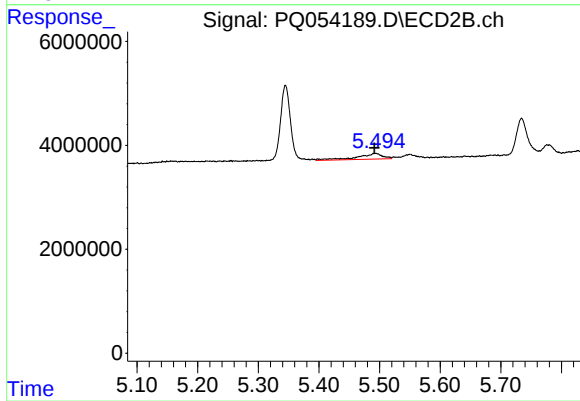
#11 AR-1232-1

R.T.: 4.641 min
Delta R.T.: -0.014 min
Response: 1523251
Conc: 6.53 ng/ml



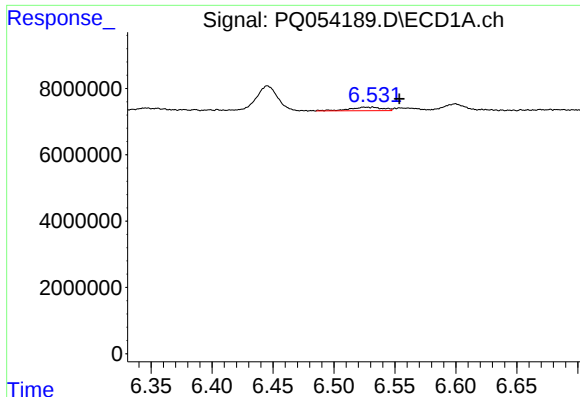
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.233 min
Response: 0
Conc: N.D.



#12 AR-1232-2

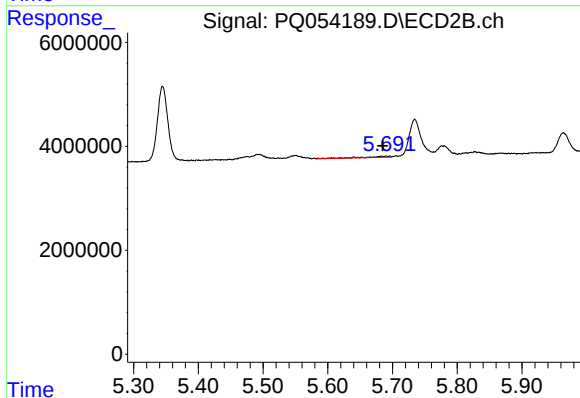
R.T.: 5.493 min
Delta R.T.: 0.002 min
Response: 3114058
Conc: 10.75 ng/ml



#13 AR-1232-3

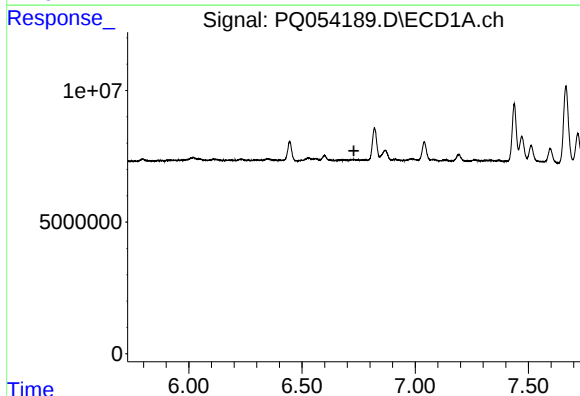
R.T.: 6.532 min
Delta R.T.: -0.021 min
Response: 2010750
Conc: 4.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



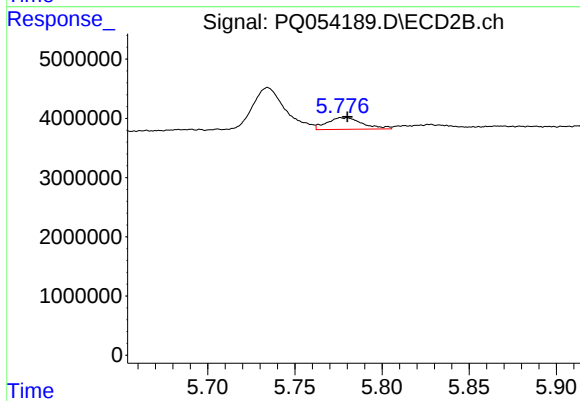
#13 AR-1232-3

R.T.: 5.691 min
Delta R.T.: 0.006 min
Response: 564628
Conc: 4.26 ng/ml



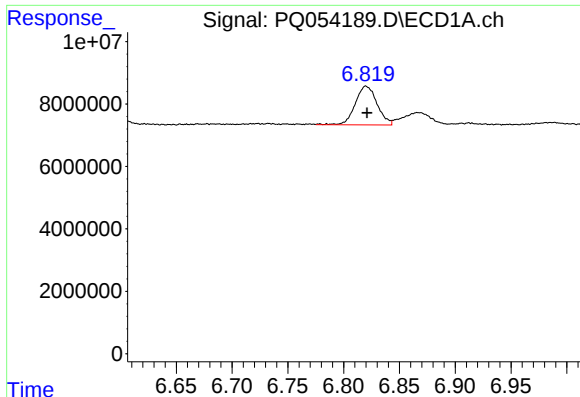
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.729 min
Response: 0
Conc: N.D.



#14 AR-1232-4

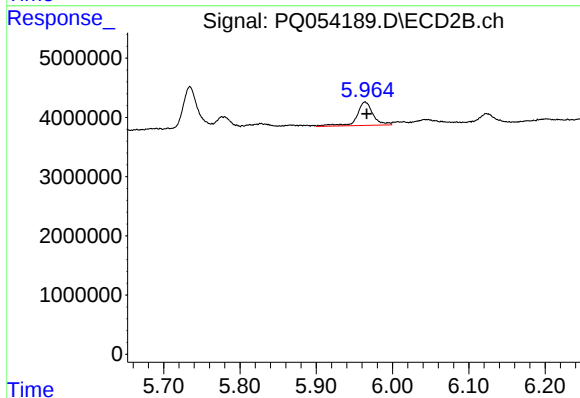
R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 2803929
Conc: 24.57 ng/ml



#15 AR-1232-5

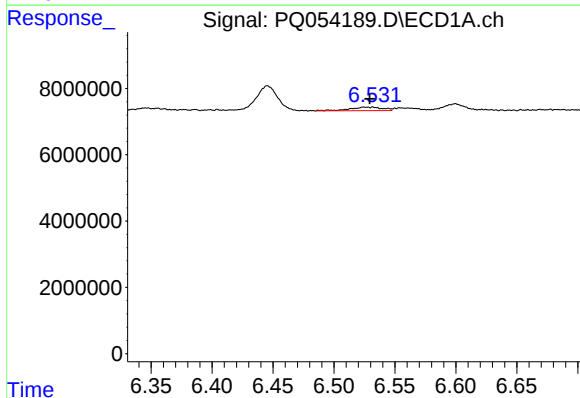
R.T.: 6.820 min
Delta R.T.: 0.000 min
Response: 16904491
Conc: 104.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



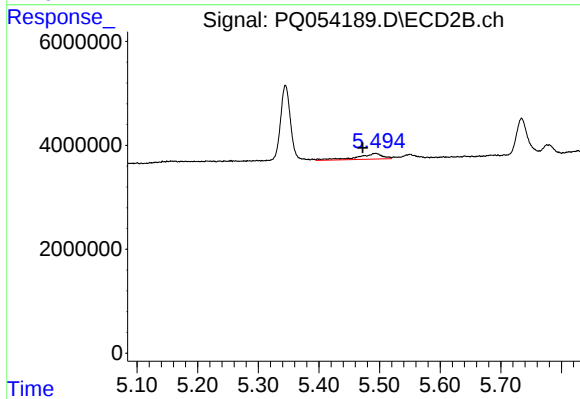
#15 AR-1232-5

R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 5763039
Conc: 44.84 ng/ml



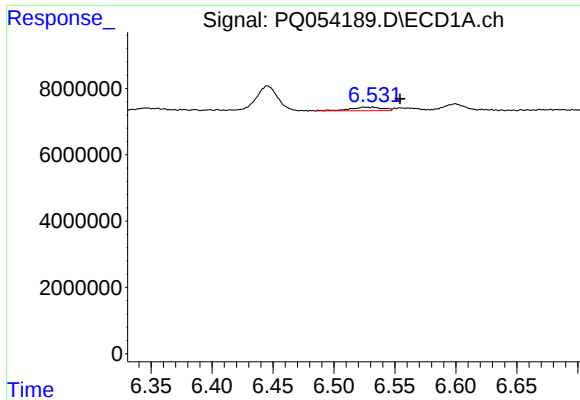
#16 AR-1242-1

R.T.: 6.532 min
Delta R.T.: 0.003 min
Response: 2010750
Conc: 4.38 ng/ml



#16 AR-1242-1

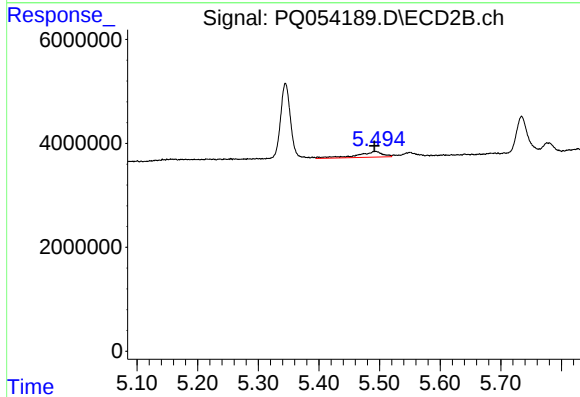
R.T.: 5.493 min
Delta R.T.: 0.021 min
Response: 3114058
Conc: 11.45 ng/ml



#17 AR-1242-2

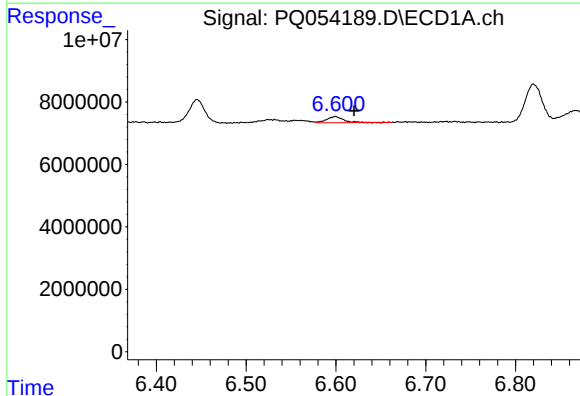
R.T.: 6.532 min
Delta R.T.: -0.022 min
Response: 2010750
Conc: 2.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



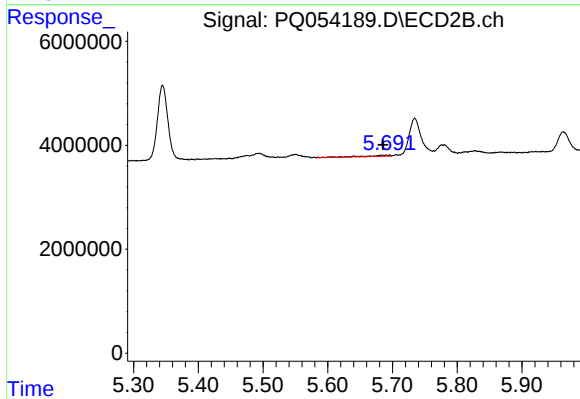
#17 AR-1242-2

R.T.: 5.493 min
Delta R.T.: 0.002 min
Response: 3114058
Conc: 6.62 ng/ml



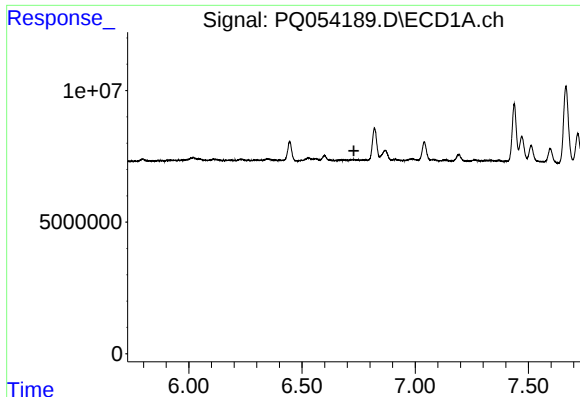
#18 AR-1242-3

R.T.: 6.600 min
Delta R.T.: -0.020 min
Response: 2599777
Conc: 5.97 ng/ml



#18 AR-1242-3

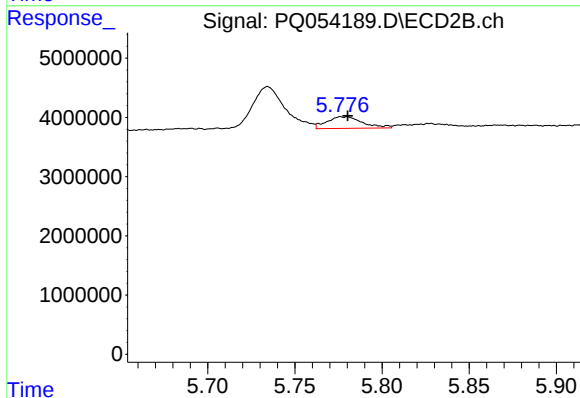
R.T.: 5.691 min
Delta R.T.: 0.005 min
Response: 564628
Conc: 2.56 ng/ml



#19 AR-1242-4

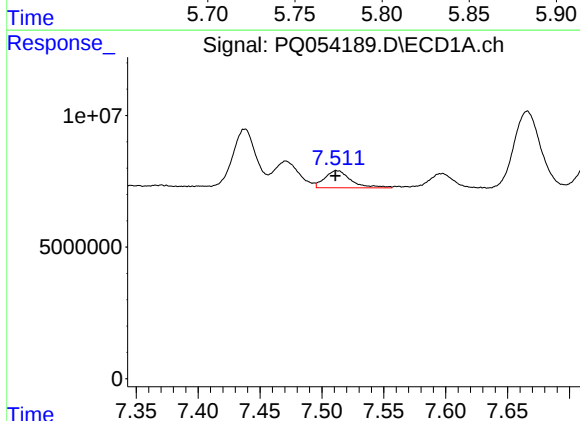
R.T.: 0.000 min
Exp R.T.: 6.729 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



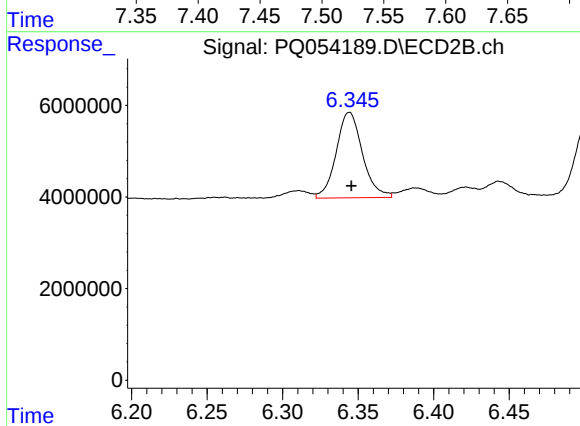
#19 AR-1242-4

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 2803929
Conc: 12.96 ng/ml



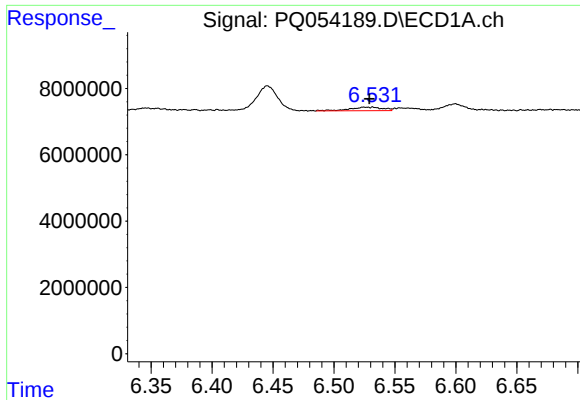
#20 AR-1242-5

R.T.: 7.512 min
Delta R.T.: 0.001 min
Response: 9537519
Conc: 25.91 ng/ml



#20 AR-1242-5

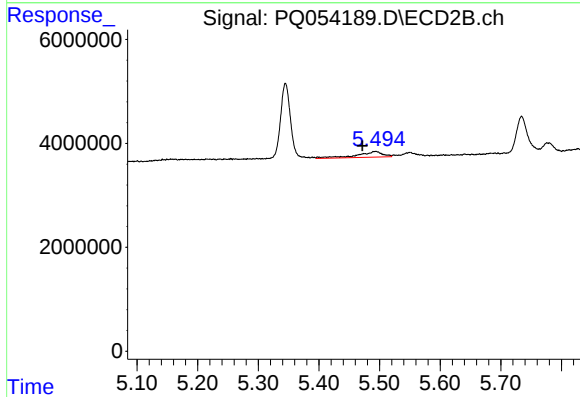
R.T.: 6.344 min
Delta R.T.: -0.001 min
Response: 22550585
Conc: 76.02 ng/ml



#21 AR-1248-1

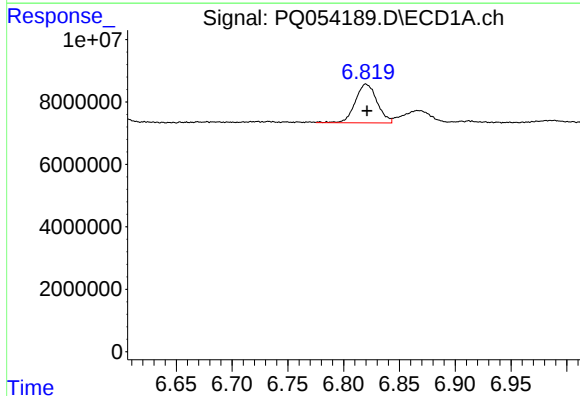
R.T.: 6.532 min
Delta R.T.: 0.003 min
Response: 2010750
Conc: 5.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



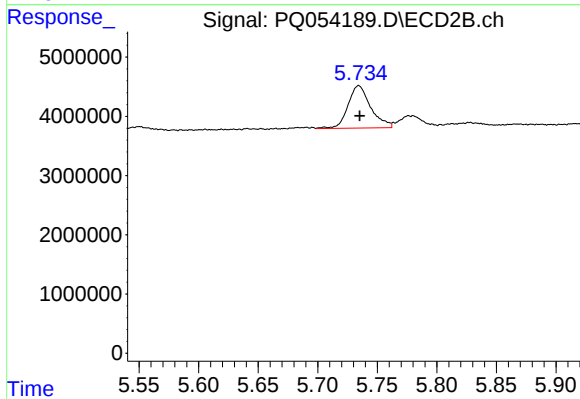
#21 AR-1248-1

R.T.: 5.493 min
Delta R.T.: 0.021 min
Response: 3114058
Conc: 13.80 ng/ml



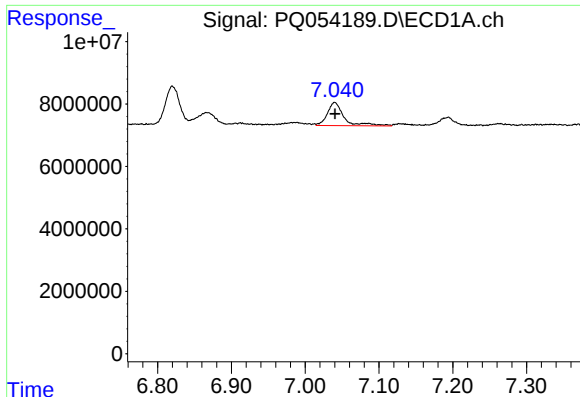
#22 AR-1248-2

R.T.: 6.820 min
Delta R.T.: 0.000 min
Response: 16904491
Conc: 32.27 ng/ml



#22 AR-1248-2

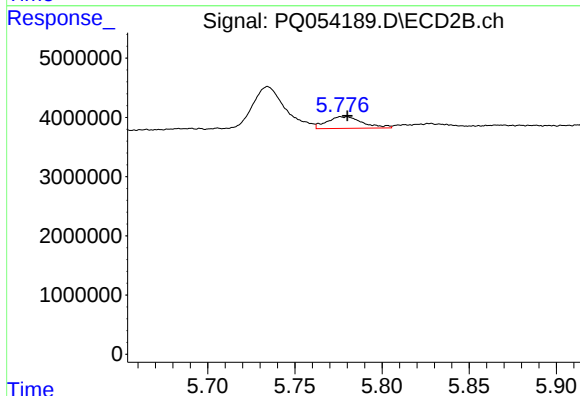
R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 9478338
Conc: 28.88 ng/ml



#23 AR-1248-3

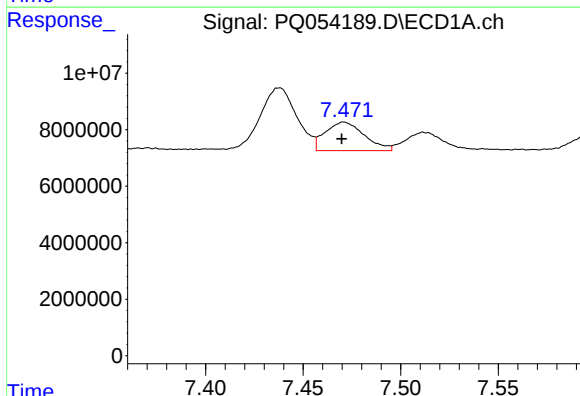
R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 11684744
Conc: 19.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



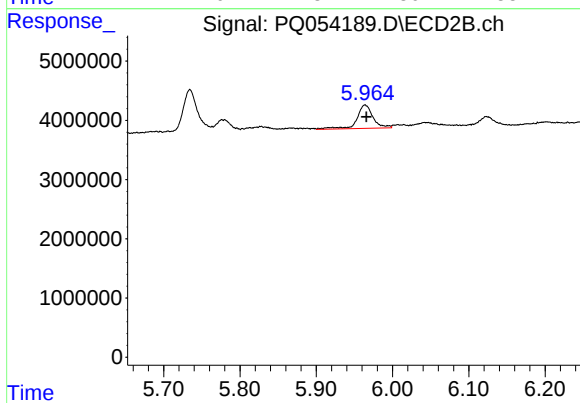
#23 AR-1248-3

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 2803929
Conc: 8.48 ng/ml



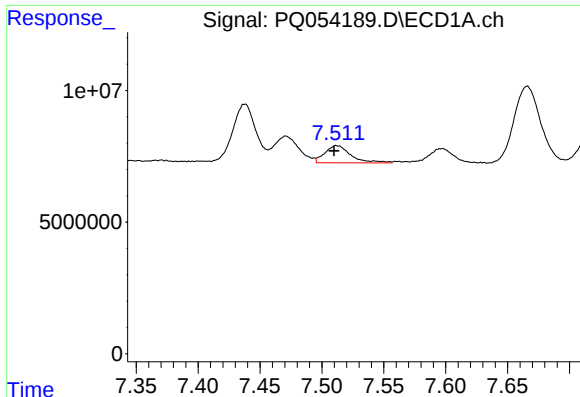
#24 AR-1248-4

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 14133796
Conc: 21.28 ng/ml



#24 AR-1248-4

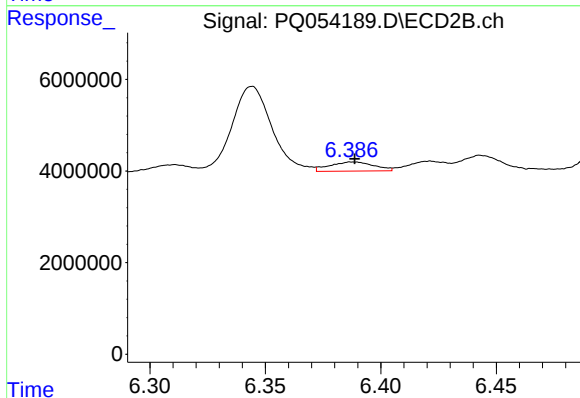
R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 5763039
Conc: 14.52 ng/ml



#25 AR-1248-5

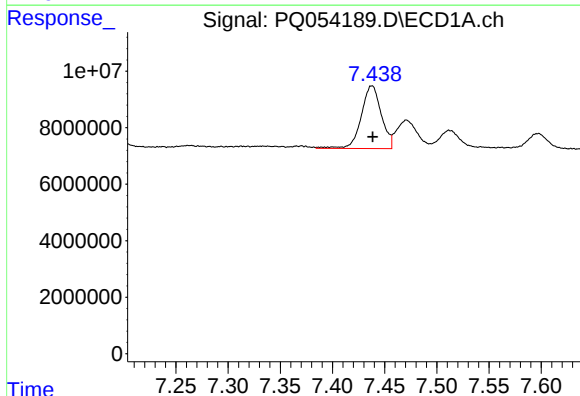
R.T.: 7.512 min
Delta R.T.: 0.002 min
Response: 9537519
Conc: 14.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



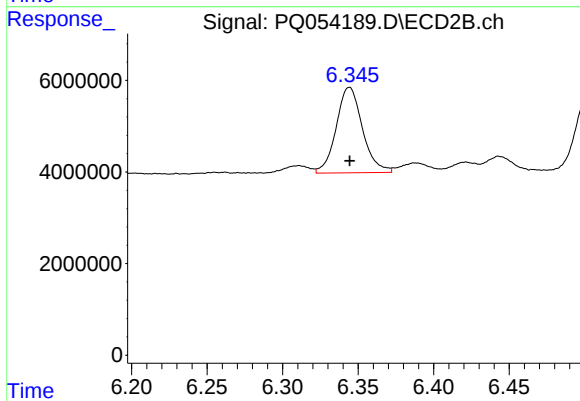
#25 AR-1248-5

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 2660236
Conc: 6.67 ng/ml



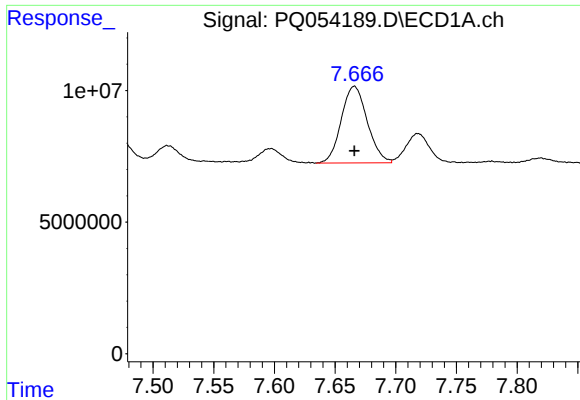
#26 AR-1254-1

R.T.: 7.438 min
Delta R.T.: 0.000 min
Response: 29705374
Conc: 42.03 ng/ml



#26 AR-1254-1

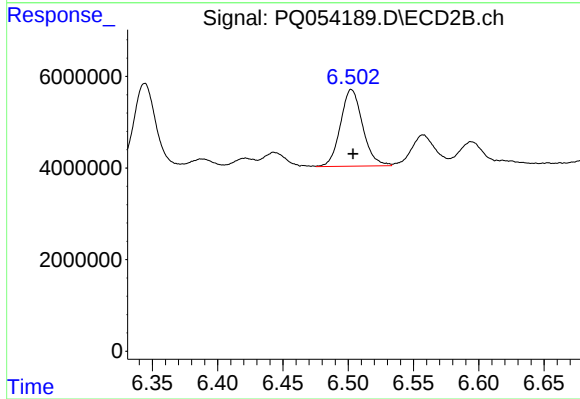
R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 22550585
Conc: 33.72 ng/ml



#27 AR-1254-2

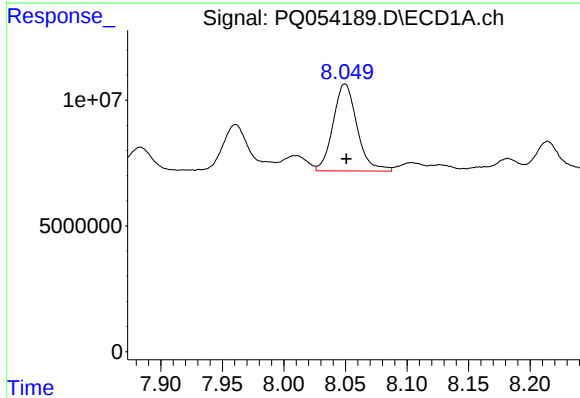
R.T.: 7.666 min
Delta R.T.: 0.000 min
Response: 43533036
Conc: 39.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



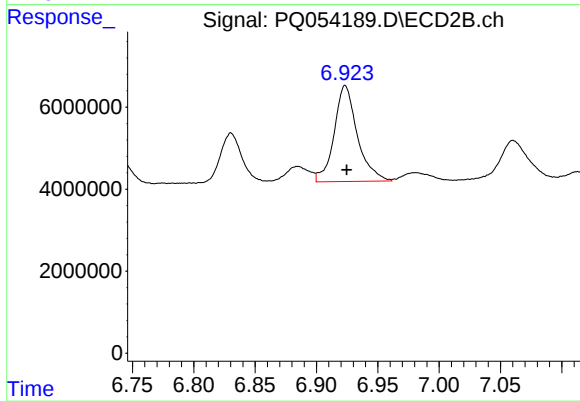
#27 AR-1254-2

R.T.: 6.503 min
Delta R.T.: -0.001 min
Response: 19848271
Conc: 32.28 ng/ml



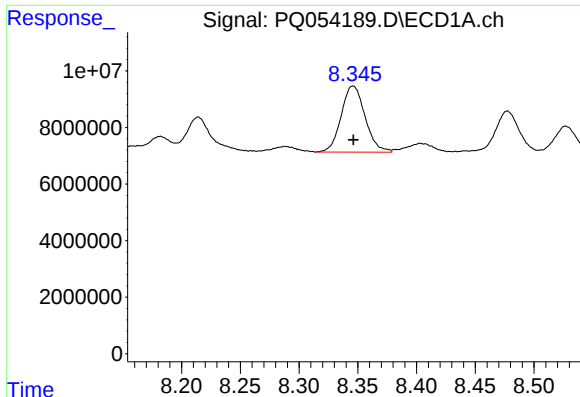
#28 AR-1254-3

R.T.: 8.050 min
Delta R.T.: -0.001 min
Response: 47015476
Conc: 39.98 ng/ml



#28 AR-1254-3

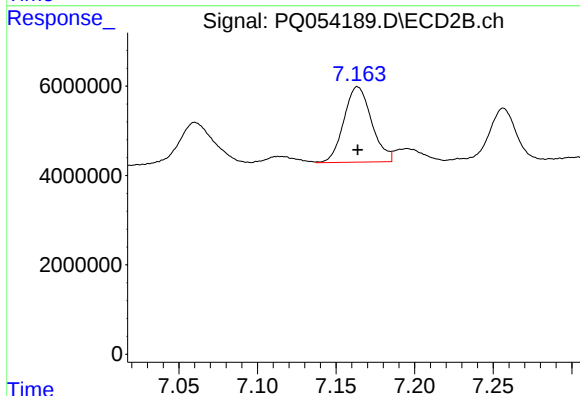
R.T.: 6.924 min
Delta R.T.: -0.001 min
Response: 30871608
Conc: 31.97 ng/ml



#29 AR-1254-4

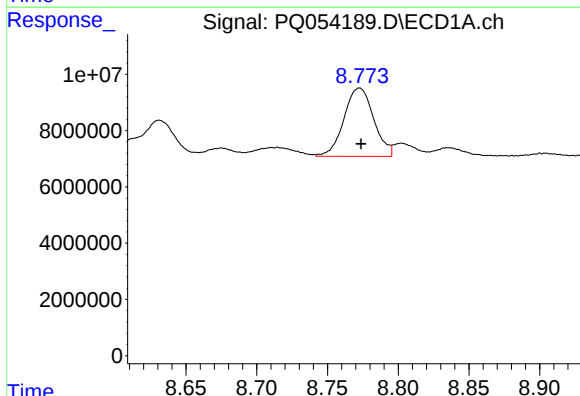
R.T.: 8.346 min
Delta R.T.: 0.000 min
Response: 33060920
Conc: 37.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



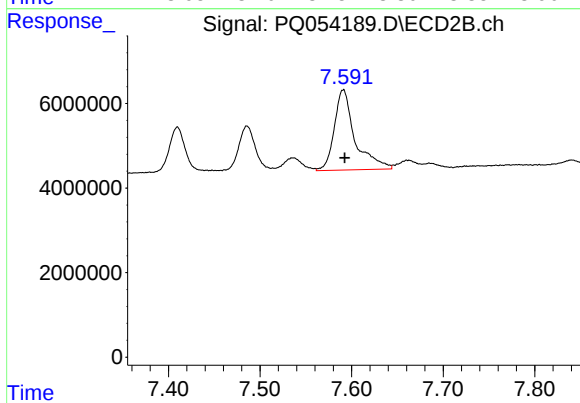
#29 AR-1254-4

R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 20738192
Conc: 31.12 ng/ml



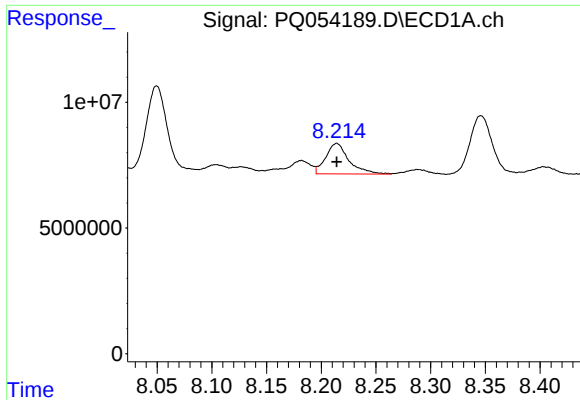
#30 AR-1254-5

R.T.: 8.773 min
Delta R.T.: -0.001 min
Response: 35603178
Conc: 36.49 ng/ml



#30 AR-1254-5

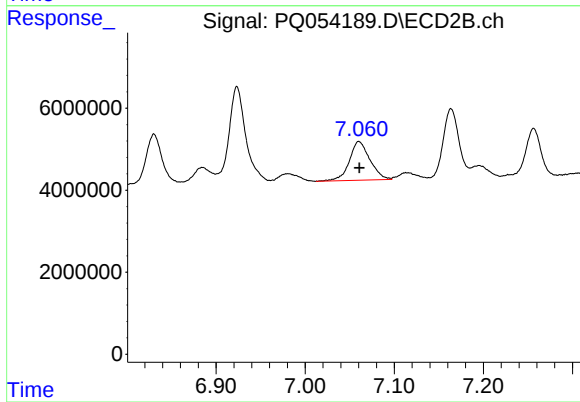
R.T.: 7.591 min
Delta R.T.: -0.001 min
Response: 29903128
Conc: 30.66 ng/ml



#31 AR-1260-1

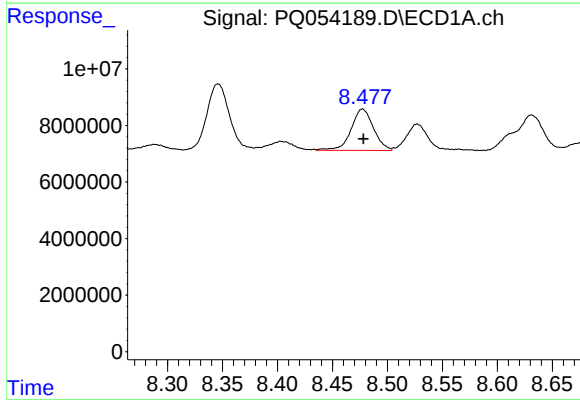
R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 17901827
Conc: 18.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



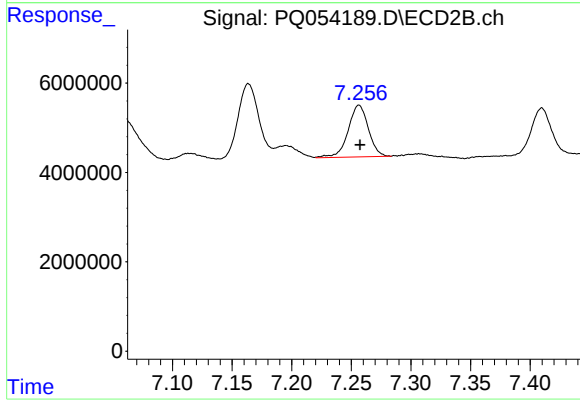
#31 AR-1260-1

R.T.: 7.061 min
Delta R.T.: 0.000 min
Response: 15113140
Conc: 20.16 ng/ml



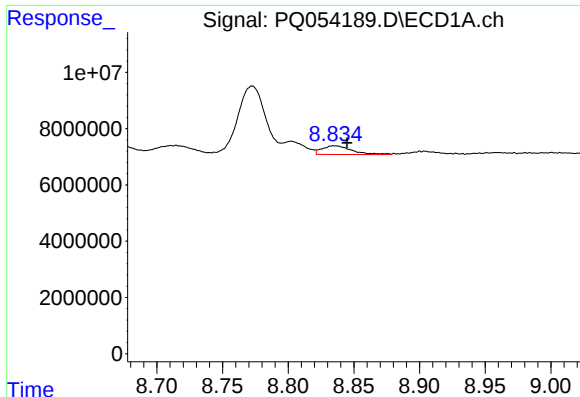
#32 AR-1260-2

R.T.: 8.477 min
Delta R.T.: 0.000 min
Response: 20753874
Conc: 18.28 ng/ml



#32 AR-1260-2

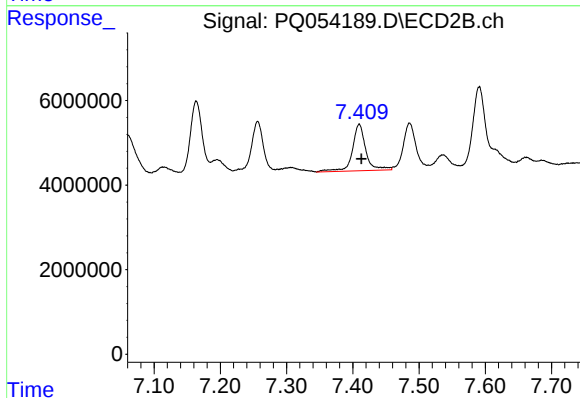
R.T.: 7.256 min
Delta R.T.: 0.000 min
Response: 13620837
Conc: 13.04 ng/ml



#33 AR-1260-3

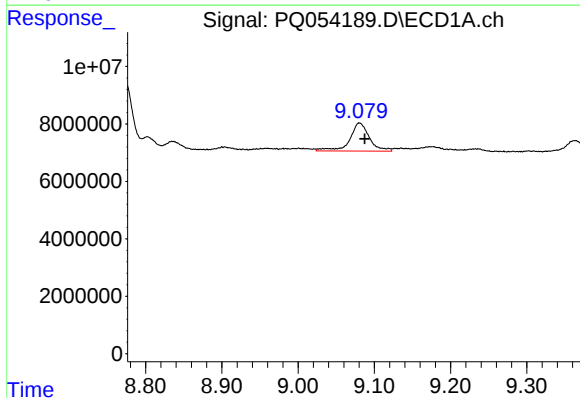
R.T.: 8.835 min
Delta R.T.: -0.009 min
Response: 4984269
Conc: 7.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



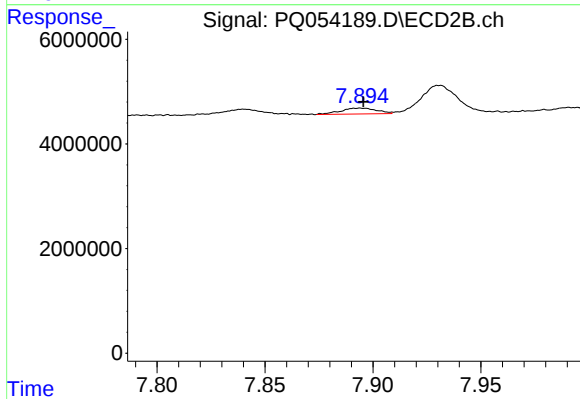
#33 AR-1260-3

R.T.: 7.410 min
Delta R.T.: -0.004 min
Response: 15485245
Conc: 17.79 ng/ml



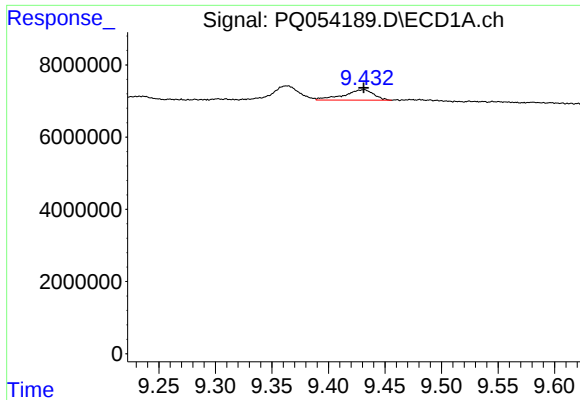
#34 AR-1260-4

R.T.: 9.081 min
Delta R.T.: -0.007 min
Response: 17463059
Conc: 19.74 ng/ml



#34 AR-1260-4

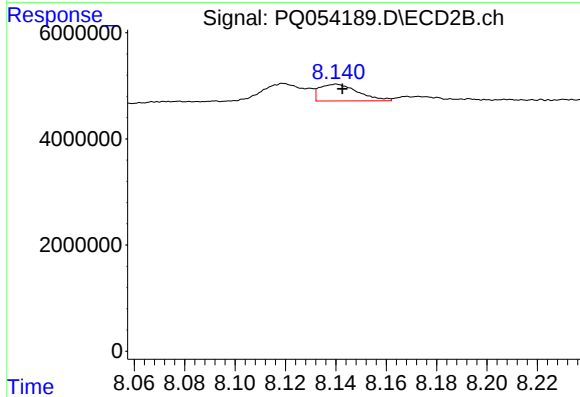
R.T.: 7.894 min
Delta R.T.: -0.002 min
Response: 1319009
Conc: 2.12 ng/ml



#35 AR-1260-5

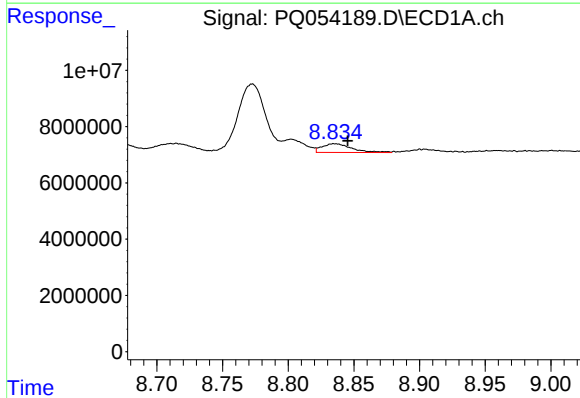
R.T.: 9.431 min
Delta R.T.: 0.000 min
Response: 5354084
Conc: 3.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



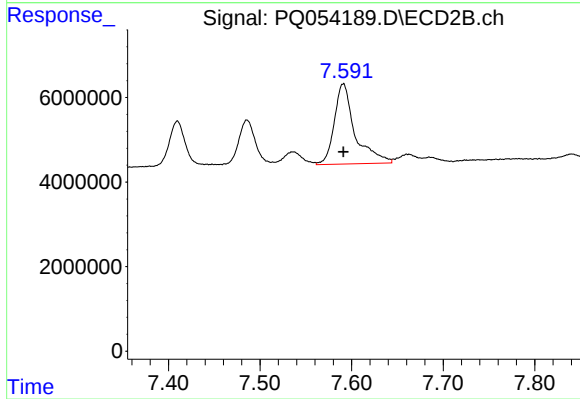
#35 AR-1260-5

R.T.: 8.140 min
Delta R.T.: -0.003 min
Response: 3339625
Conc: 1.95 ng/ml



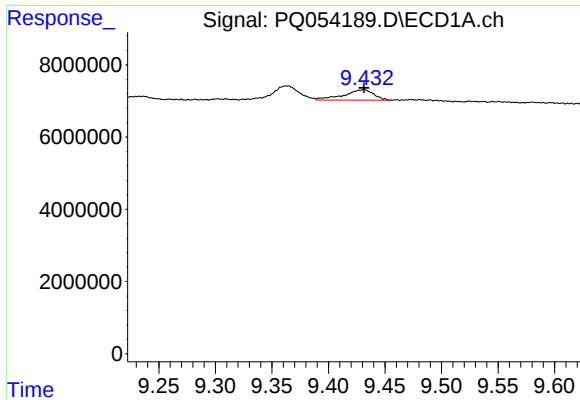
#36 AR-1262-1

R.T.: 8.835 min
Delta R.T.: -0.010 min
Response: 4984269
Conc: 5.04 ng/ml



#36 AR-1262-1

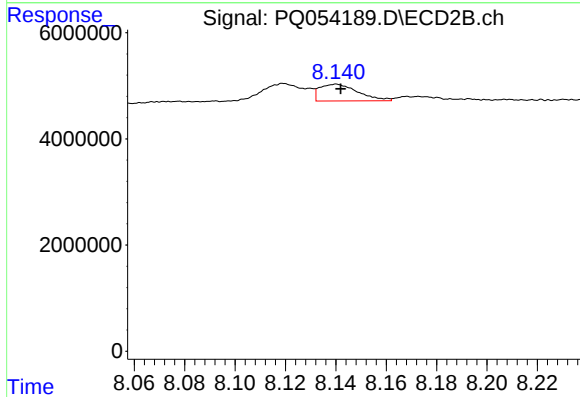
R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 29903128
Conc: 66.17 ng/ml



#37 AR-1262-2

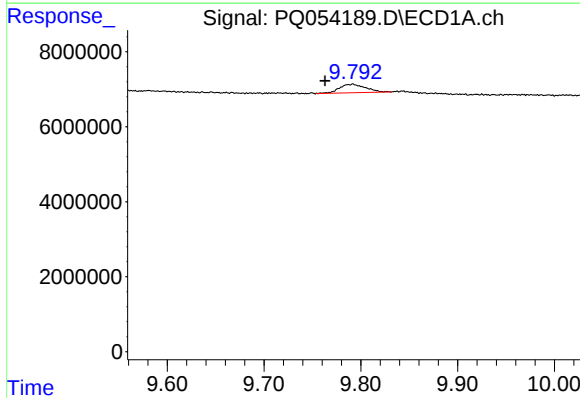
R.T.: 9.431 min
Delta R.T.: 0.000 min
Response: 5354084
Conc: 2.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



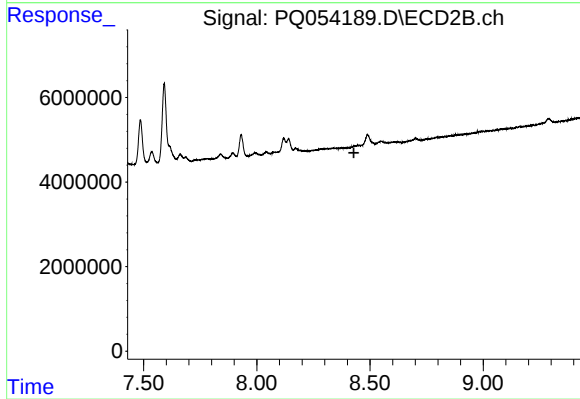
#37 AR-1262-2

R.T.: 8.140 min
Delta R.T.: -0.002 min
Response: 3339625
Conc: 1.77 ng/ml



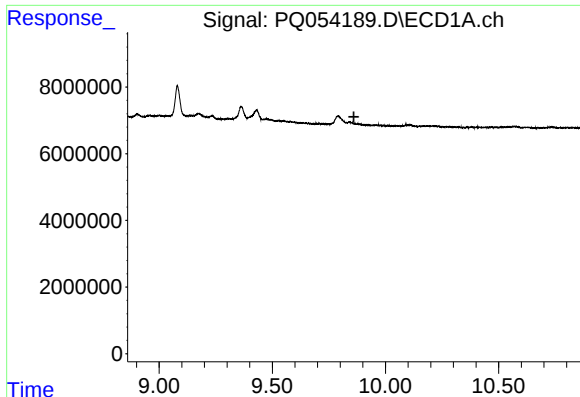
#38 AR-1262-3

R.T.: 9.792 min
Delta R.T.: 0.029 min
Response: 4279700
Conc: 3.49 ng/ml



#38 AR-1262-3

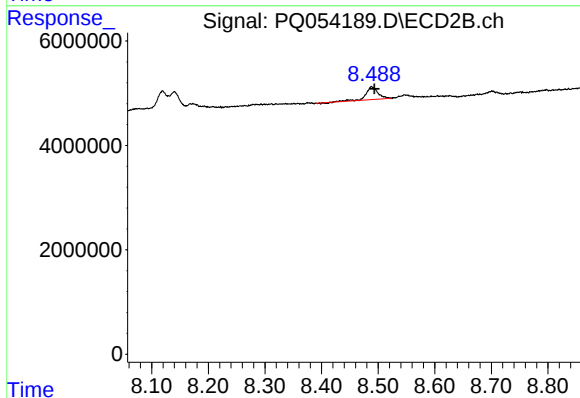
R.T.: 0.000 min
Exp R.T.: 8.429 min
Response: 0
Conc: N.D.



#39 AR-1262-4

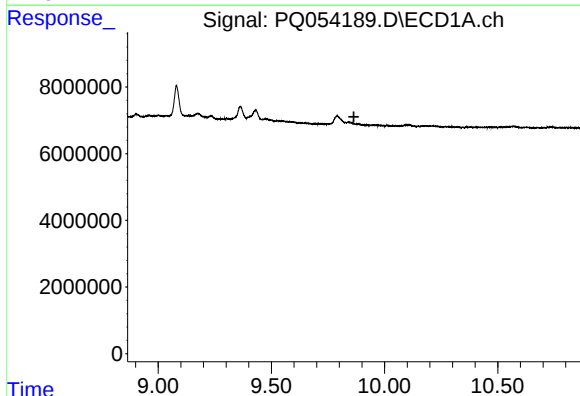
R.T.: 0.000 min
Exp R.T. : 9.861 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



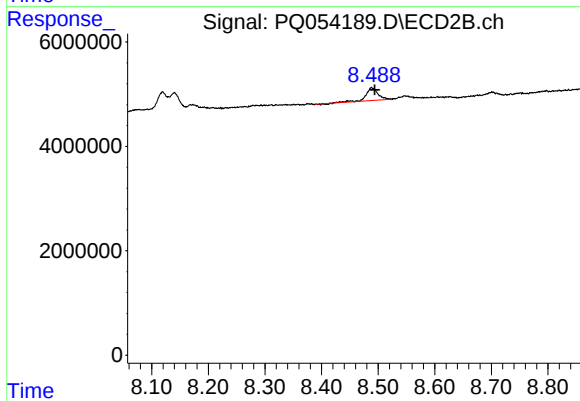
#39 AR-1262-4

R.T.: 8.489 min
Delta R.T.: -0.005 min
Response: 3566790
Conc: 2.85 ng/ml



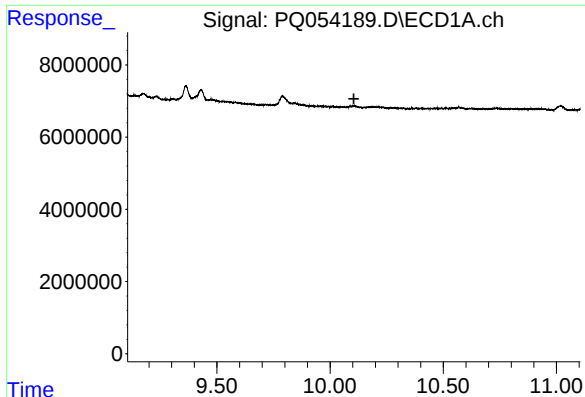
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.864 min
Response: 0
Conc: N.D.



#42 AR-1268-2

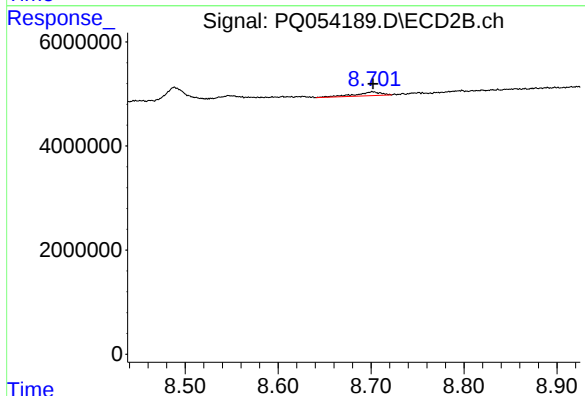
R.T.: 8.489 min
Delta R.T.: -0.005 min
Response: 3566790
Conc: 1.91 ng/ml



#43 AR-1268-3

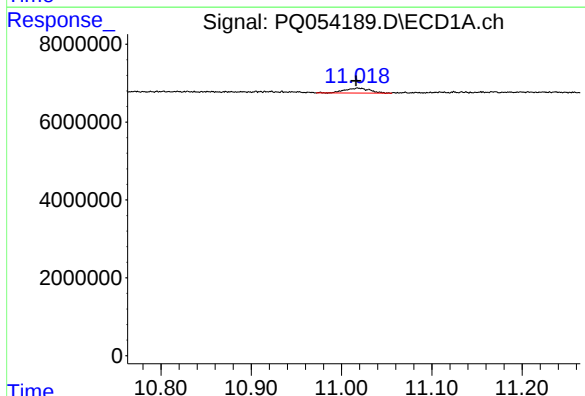
R.T.: 0.000 min
Exp R.T.: 10.105 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



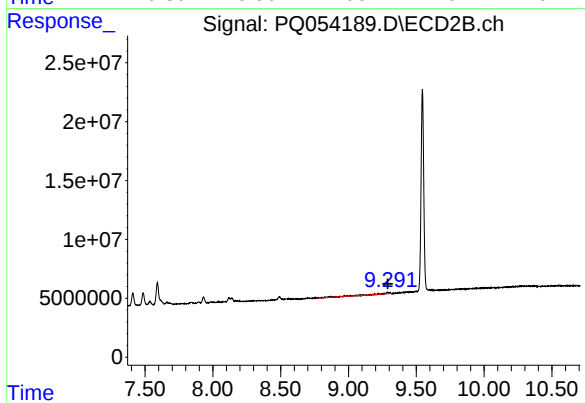
#43 AR-1268-3

R.T.: 8.701 min
Delta R.T.: 0.000 min
Response: 1372900
Conc: 0.82 ng/ml



#45 AR-1268-5

R.T.: 11.018 min
Delta R.T.: 0.002 min
Response: 2456225
Conc: 0.45 ng/ml



#45 AR-1268-5

R.T.: 9.289 min
Delta R.T.: 0.000 min
Response: 5456969
Conc: 1.16 ng/ml