

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ103019\
 Data File : PQ044639.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Oct 2019 20:57
 Operator : HP\AJ
 Sample : K5111-02
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 31 01:08:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ103019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 30 15:29:39 2019
 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...	5.305	4.340	25312840	12276464	11.692	10.092
2)	SA Decachlor...	11.537	9.754	59760845	72783057	12.593	17.049 #
Target Compounds							
3)	L1 AR-1016-1	6.621	5.618	2455818	1461324	36.559	28.061
4)	L1 AR-1016-2	6.645	5.638	3881285	2115786	37.071	27.548 #
5)	L1 AR-1016-3	6.712	5.881	2984129	1127312	45.524	28.251 #
6)	L1 AR-1016-4	6.821	5.881	1793935	1127312	36.295	31.305
7)	L1 AR-1016-5	7.134	6.116	1435938	1277452	26.785	26.811
12)	L3 AR-1232-2	6.328	5.638	2312663	2115786	48.360	30.480 #
13)	L3 AR-1232-3	6.645	5.881	3881285	1127312	41.961	31.270 #
14)	L3 AR-1232-4	6.821	5.927	1793935	1175617	41.391	33.342
15)	L3 AR-1232-5	6.915	6.116	2025719	1277452	58.188	30.148 #
16)	L4 AR-1242-1	6.621	5.618	2455818	1461324	50.373	37.783
17)	L4 AR-1242-2	6.645	5.638	3881285	2115786	50.487	36.791 #
18)	L4 AR-1242-3	6.712	5.881	2984129	1127312	62.393	37.438 #
19)	L4 AR-1242-4	6.821	5.927	1793935	1175617	49.682	35.195 #
20)	L4 AR-1242-5	0.000	6.499	0	1186888	N.D.	24.343 #
21)	L5 AR-1248-1	6.621	5.618	2455818	1461324	56.448	42.371
22)	L5 AR-1248-2	6.915	5.881	2025719	1127312	30.563	21.367 #
23)	L5 AR-1248-3	7.134	5.927	1435938	1175617	19.249	21.588
24)	L5 AR-1248-4	7.534	6.116	1082344	1277452	13.273	19.074 #
25)	L5 AR-1248-5	0.000	6.499	0	1186888	N.D.	16.565 #
26)	L6 AR-1254-1	7.534	6.499	1082344	1186888	11.320	9.510
27)	L6 AR-1254-2	7.762	6.654	1570174	1302564	10.413	11.140
28)	L6 AR-1254-3	8.204	7.095	2942980	3437243	18.423	16.949
30)	L6 AR-1254-5	8.871	7.752	5021771	6978792	38.227	33.870
31)	L7 AR-1260-1	8.315	7.217	4835076	4440479	49.132	38.076
32)	L7 AR-1260-2	8.578	7.412	4439989	6228221	37.819	40.832
33)	L7 AR-1260-3	8.950	7.574	3894653	5396578	38.252	39.300
34)	L7 AR-1260-4	9.195	8.058	4693505	5367081	39.092	39.891
35)	L7 AR-1260-5	9.543	8.304	10501753	14429004	40.053	40.917
36)	L8 AR-1262-1	9.011	7.752	2106997	6978792	30.474	65.527 #
37)	L8 AR-1262-2	9.543	8.304	10501753	14429004	33.609	33.004
38)	L8 AR-1262-3	9.903	8.592	7099951	3982412	29.577	22.378
39)	L8 AR-1262-4	9.964	8.658	5159500	12566794	24.787	35.836 #
40)	L8 AR-1262-5	10.707	9.172	4160520	5129684	26.107	30.118
41)	L9 AR-1268-1	9.903	8.592	7099951	3982412	16.191	7.593 #
42)	L9 AR-1268-2	9.964	8.658	5159500	12566794	11.065	25.285 #
44)	L9 AR-1268-4	10.707	9.172	4160520	5129684	22.905	26.120
45)	L9 AR-1268-5	0.000	9.482	0	1826315	N.D.	1.216 #

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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ103019.M
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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

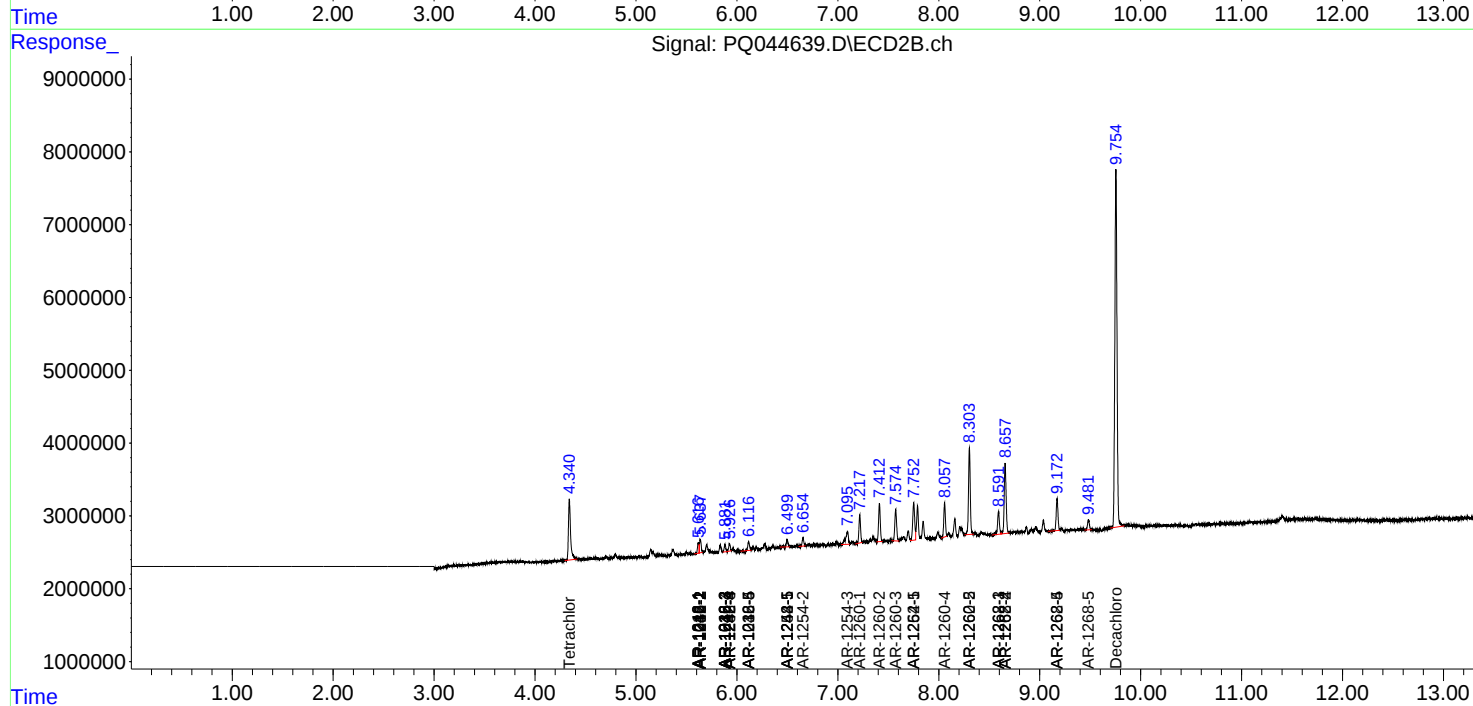
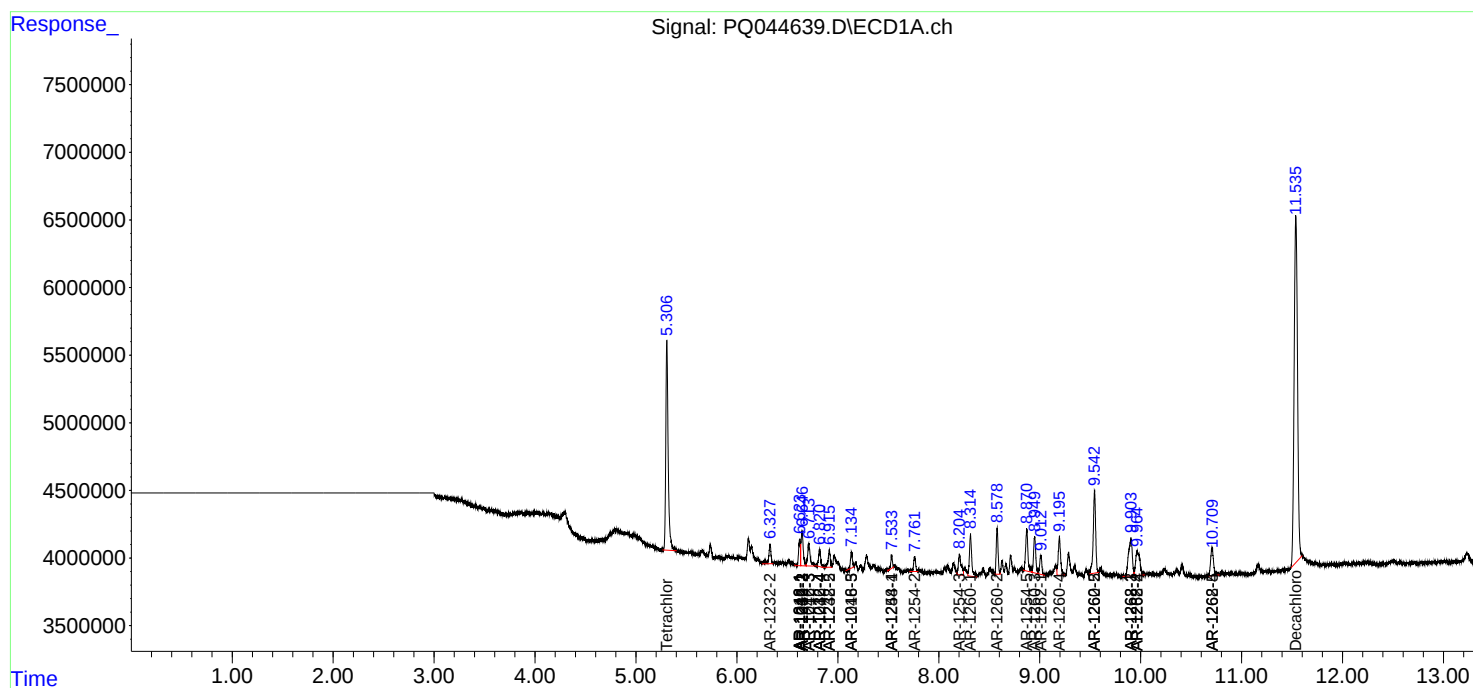
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

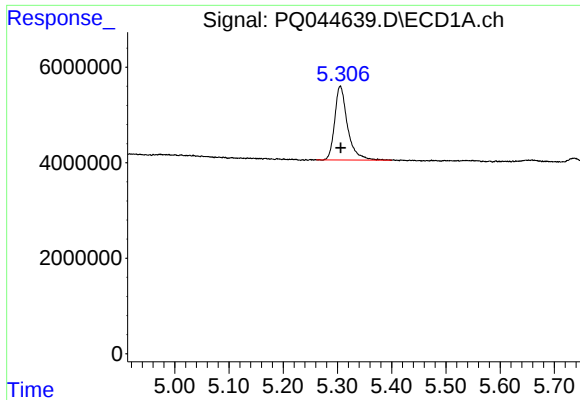
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ103019\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

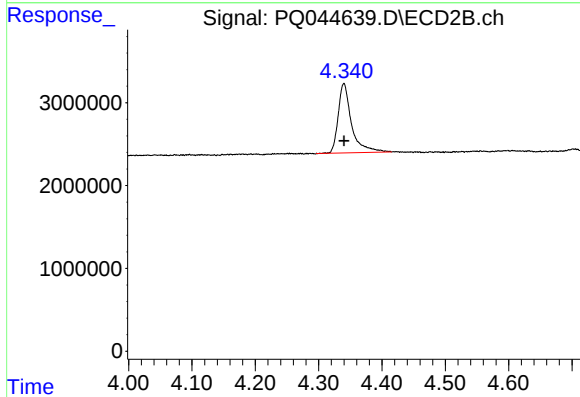




#1 Tetrachloro-m-xylene

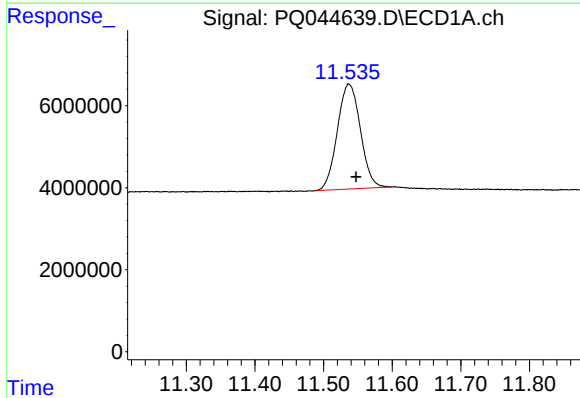
R.T.: 5.305 min
Delta R.T.: 0.000 min
Response: 25312840
Conc: 11.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



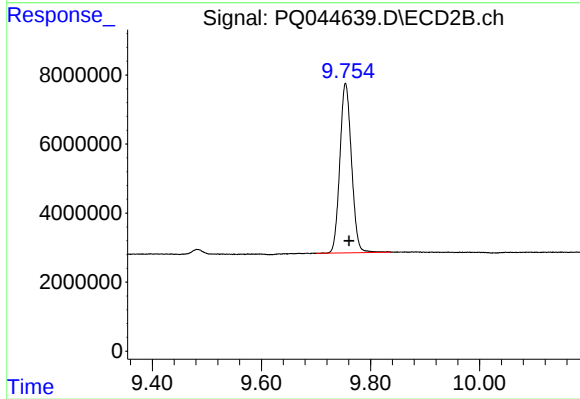
#1 Tetrachloro-m-xylene

R.T.: 4.340 min
Delta R.T.: 0.000 min
Response: 12276464
Conc: 10.09 ng/ml



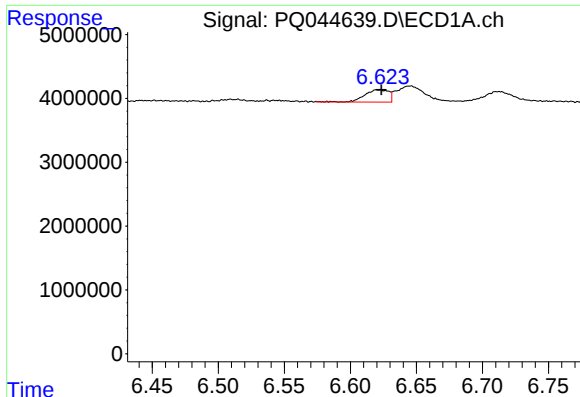
#2 Decachlorobiphenyl

R.T.: 11.537 min
Delta R.T.: -0.010 min
Response: 59760845
Conc: 12.59 ng/ml



#2 Decachlorobiphenyl

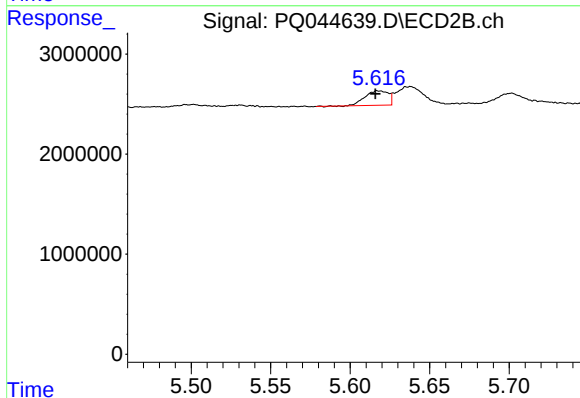
R.T.: 9.754 min
Delta R.T.: -0.006 min
Response: 72783057
Conc: 17.05 ng/ml



#3 AR-1016-1

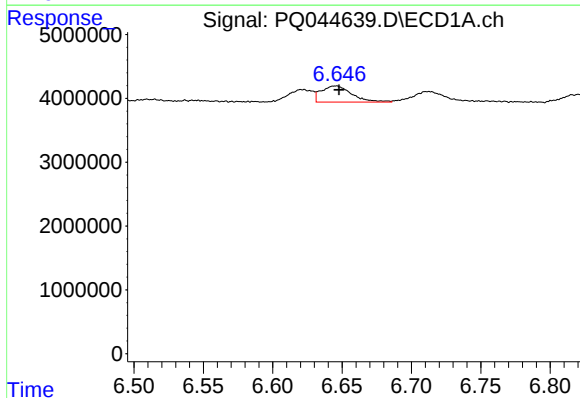
R.T.: 6.621 min
Delta R.T.: -0.002 min
Response: 2455818
Conc: 36.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



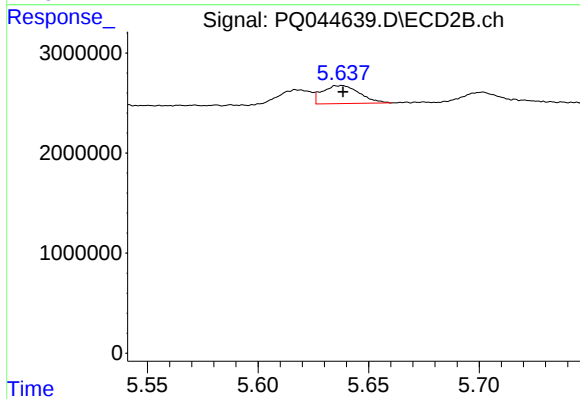
#3 AR-1016-1

R.T.: 5.618 min
Delta R.T.: 0.002 min
Response: 1461324
Conc: 28.06 ng/ml



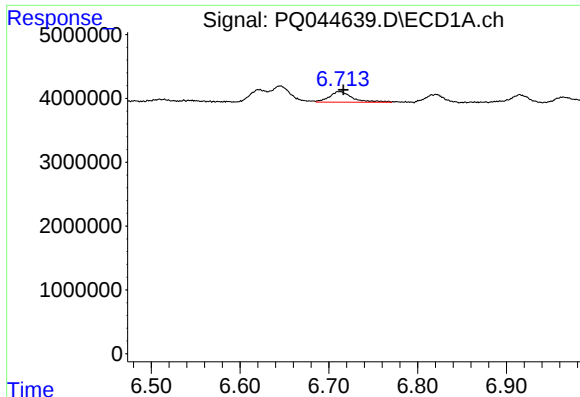
#4 AR-1016-2

R.T.: 6.645 min
Delta R.T.: -0.003 min
Response: 3881285
Conc: 37.07 ng/ml



#4 AR-1016-2

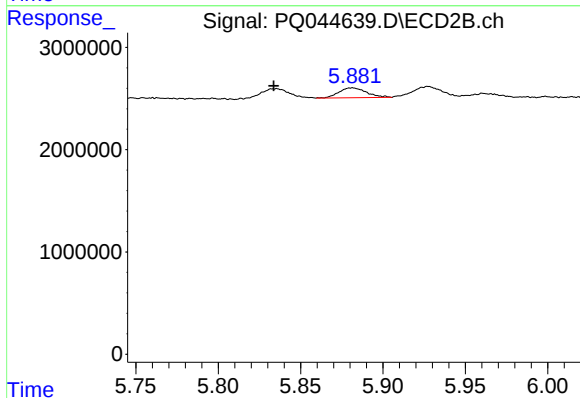
R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 2115786
Conc: 27.55 ng/ml



#5 AR-1016-3

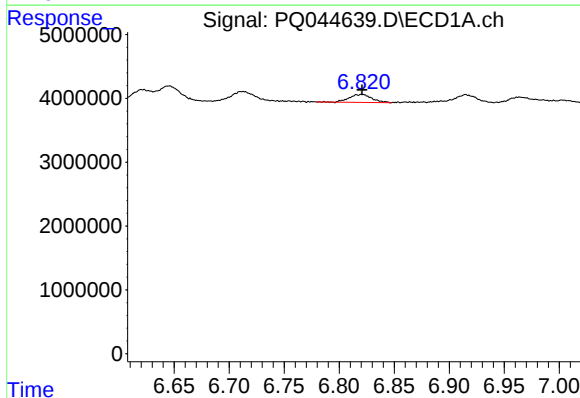
R.T.: 6.712 min
Delta R.T.: -0.005 min
Response: 2984129
Conc: 45.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



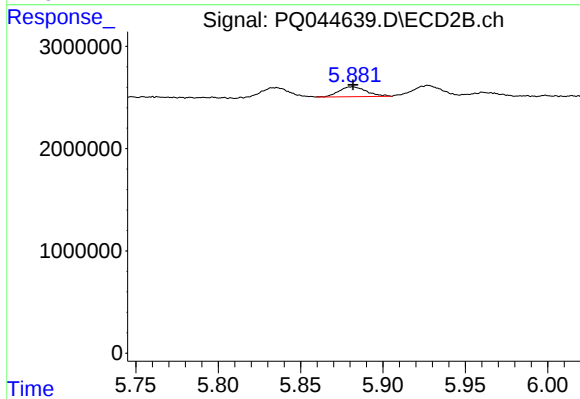
#5 AR-1016-3

R.T.: 5.881 min
Delta R.T.: 0.048 min
Response: 1127312
Conc: 28.25 ng/ml



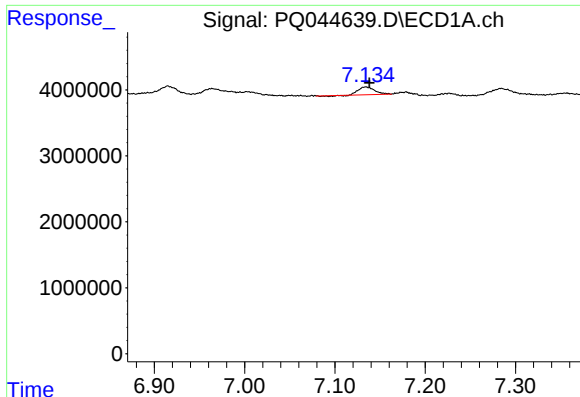
#6 AR-1016-4

R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 1793935
Conc: 36.29 ng/ml



#6 AR-1016-4

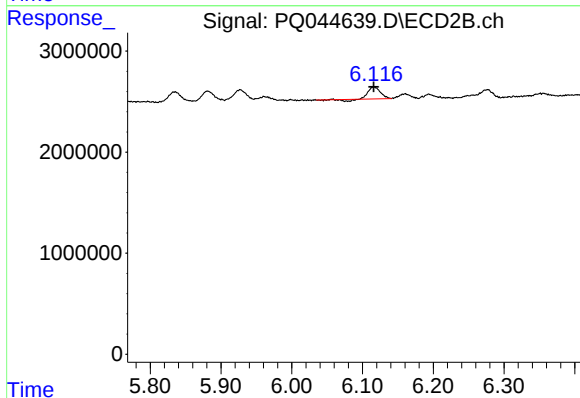
R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 1127312
Conc: 31.30 ng/ml



#7 AR-1016-5

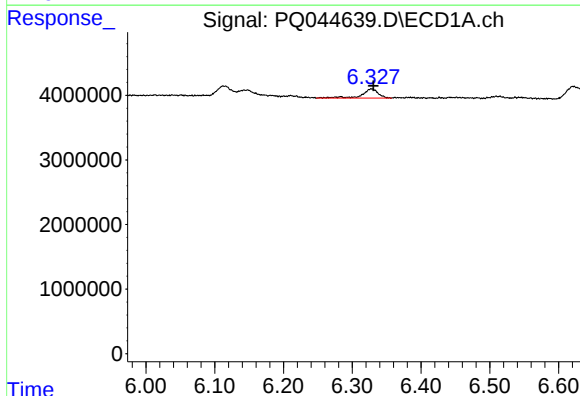
R.T.: 7.134 min
Delta R.T.: -0.004 min
Response: 1435938
Conc: 26.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



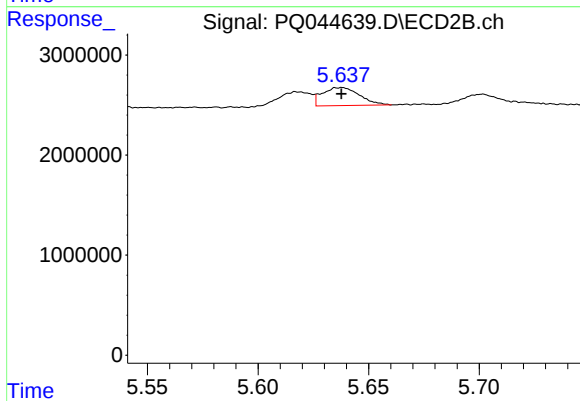
#7 AR-1016-5

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 1277452
Conc: 26.81 ng/ml



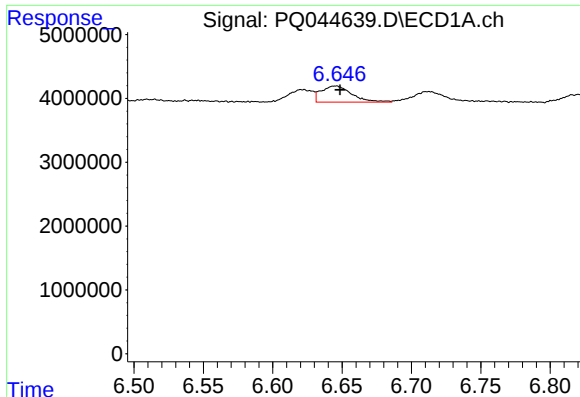
#12 AR-1232-2

R.T.: 6.328 min
Delta R.T.: -0.003 min
Response: 2312663
Conc: 48.36 ng/ml



#12 AR-1232-2

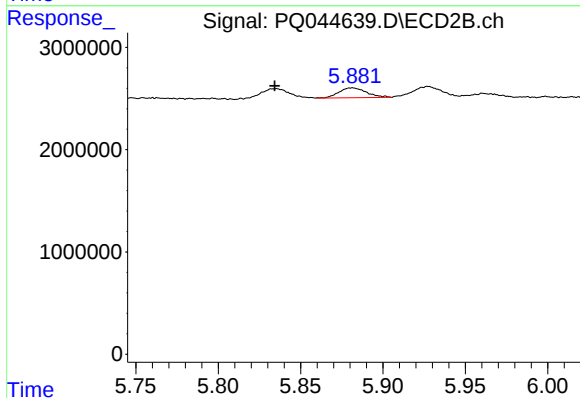
R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 2115786
Conc: 30.48 ng/ml



#13 AR-1232-3

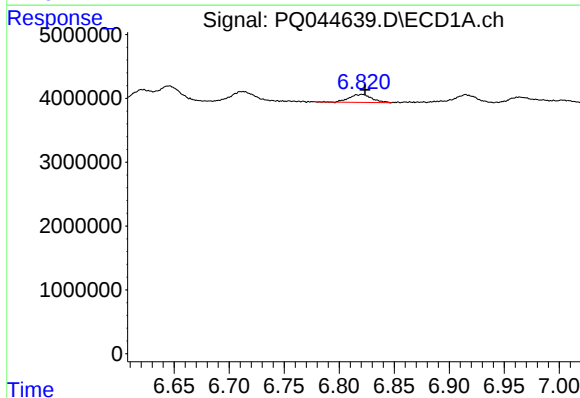
R.T.: 6.645 min
Delta R.T.: -0.003 min
Response: 3881285
Conc: 41.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



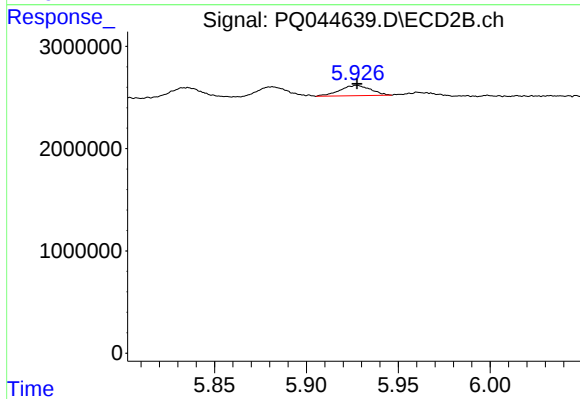
#13 AR-1232-3

R.T.: 5.881 min
Delta R.T.: 0.047 min
Response: 1127312
Conc: 31.27 ng/ml



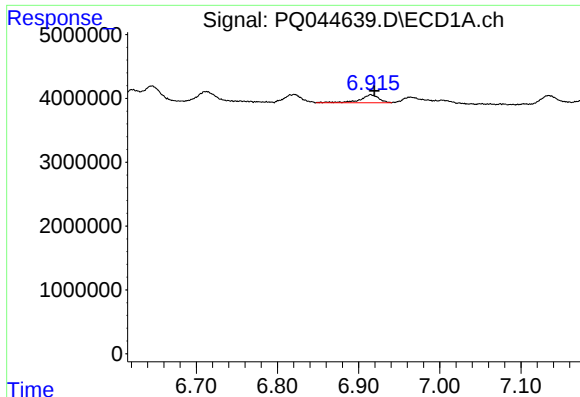
#14 AR-1232-4

R.T.: 6.821 min
Delta R.T.: -0.003 min
Response: 1793935
Conc: 41.39 ng/ml



#14 AR-1232-4

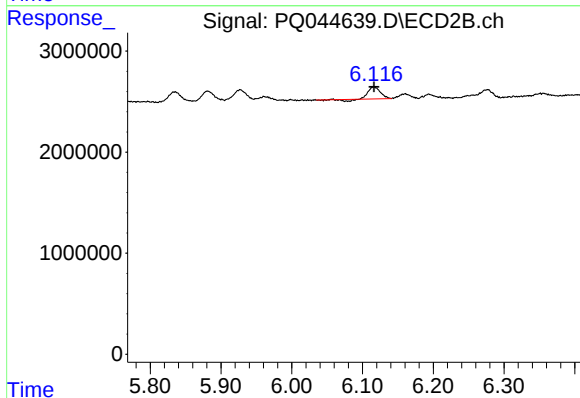
R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 1175617
Conc: 33.34 ng/ml



#15 AR-1232-5

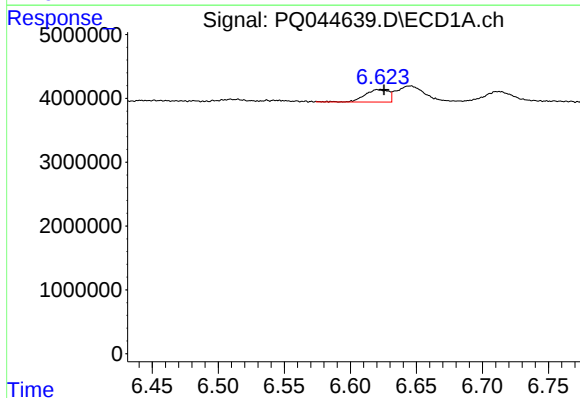
R.T.: 6.915 min
Delta R.T.: -0.004 min
Response: 2025719
Conc: 58.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



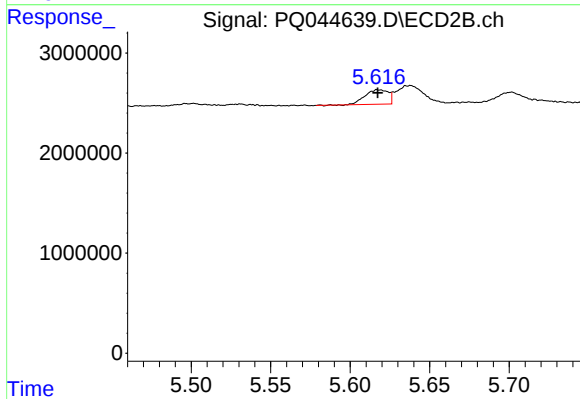
#15 AR-1232-5

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 1277452
Conc: 30.15 ng/ml



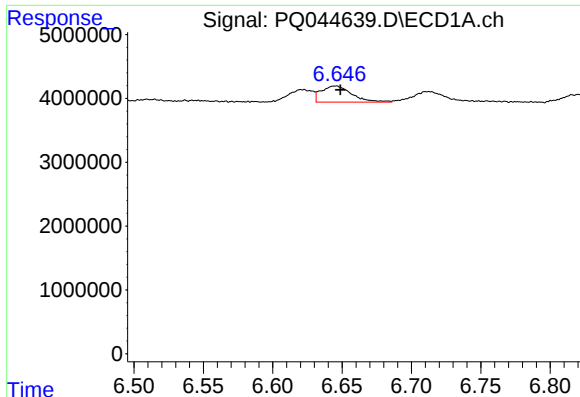
#16 AR-1242-1

R.T.: 6.621 min
Delta R.T.: -0.004 min
Response: 2455818
Conc: 50.37 ng/ml



#16 AR-1242-1

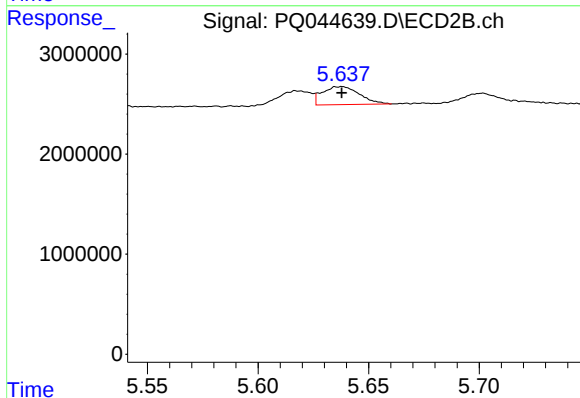
R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 1461324
Conc: 37.78 ng/ml



#17 AR-1242-2

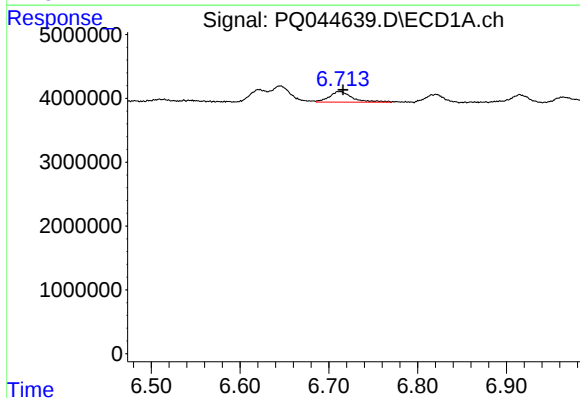
R.T.: 6.645 min
Delta R.T.: -0.004 min
Response: 3881285
Conc: 50.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



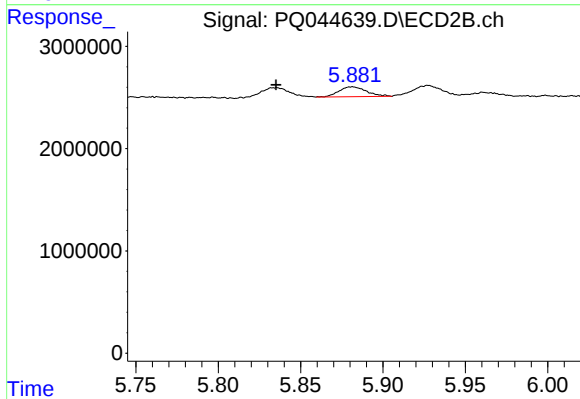
#17 AR-1242-2

R.T.: 5.638 min
Delta R.T.: 0.000 min
Response: 2115786
Conc: 36.79 ng/ml



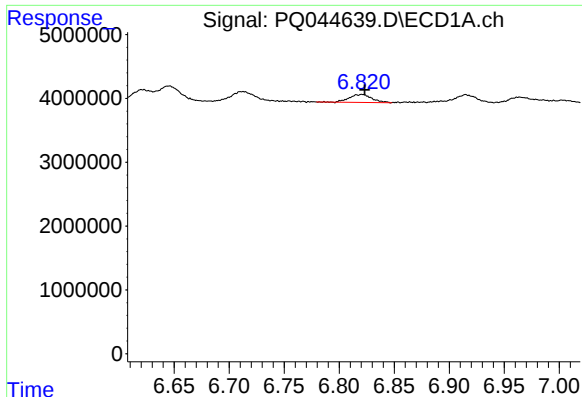
#18 AR-1242-3

R.T.: 6.712 min
Delta R.T.: -0.004 min
Response: 2984129
Conc: 62.39 ng/ml



#18 AR-1242-3

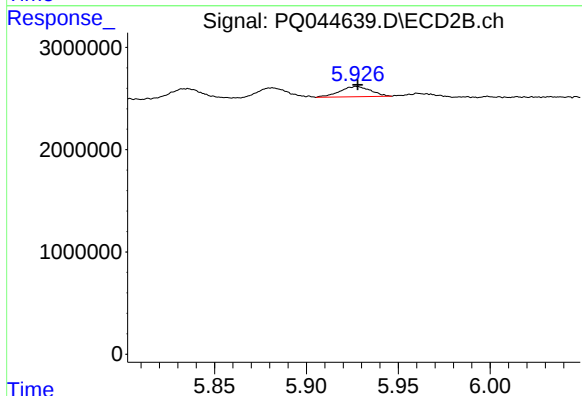
R.T.: 5.881 min
Delta R.T.: 0.046 min
Response: 1127312
Conc: 37.44 ng/ml



#19 AR-1242-4

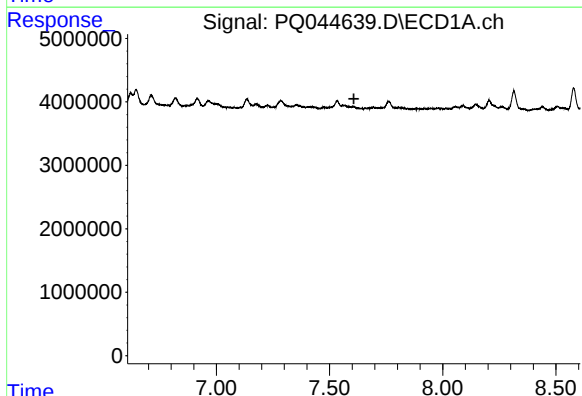
R.T.: 6.821 min
Delta R.T.: -0.002 min
Response: 1793935
Conc: 49.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



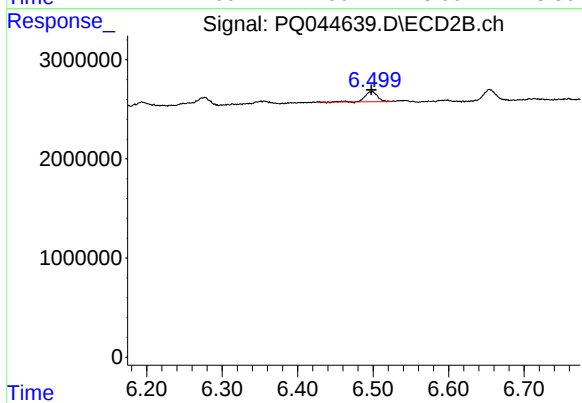
#19 AR-1242-4

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 1175617
Conc: 35.20 ng/ml



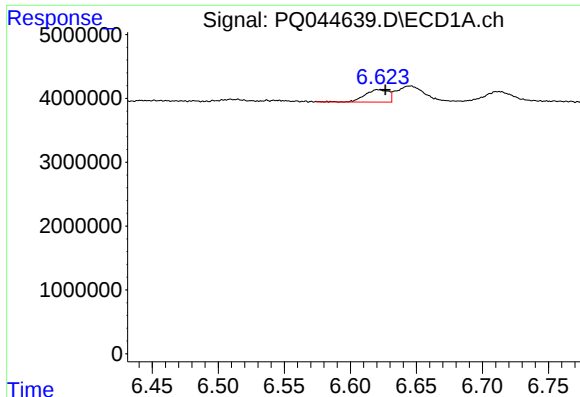
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 7.607 min
Response: 0
Conc: N.D.



#20 AR-1242-5

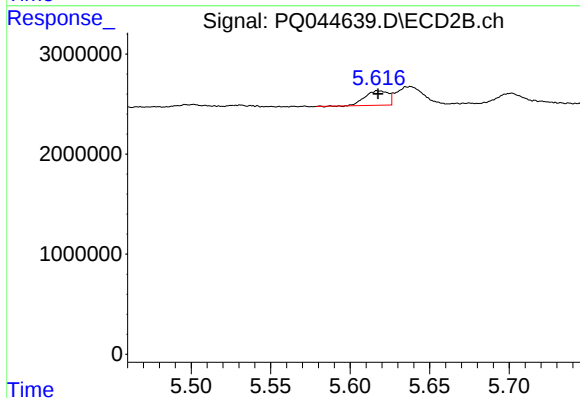
R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 1186888
Conc: 24.34 ng/ml



#21 AR-1248-1

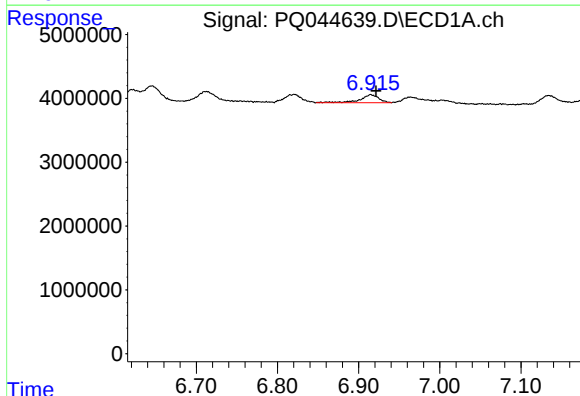
R.T.: 6.621 min
Delta R.T.: -0.005 min
Response: 2455818
Conc: 56.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



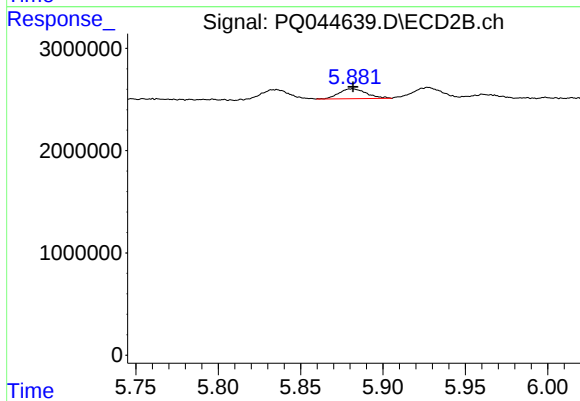
#21 AR-1248-1

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 1461324
Conc: 42.37 ng/ml



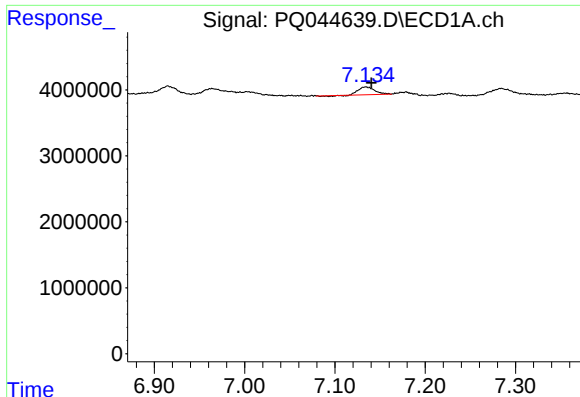
#22 AR-1248-2

R.T.: 6.915 min
Delta R.T.: -0.006 min
Response: 2025719
Conc: 30.56 ng/ml



#22 AR-1248-2

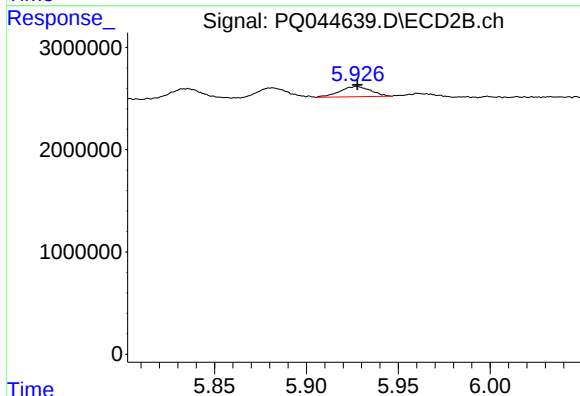
R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 1127312
Conc: 21.37 ng/ml



#23 AR-1248-3

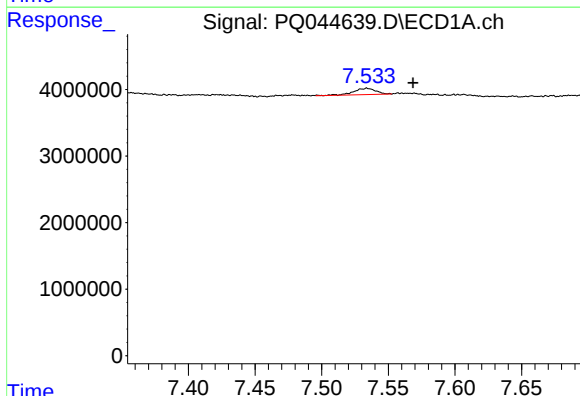
R.T.: 7.134 min
Delta R.T.: -0.006 min
Response: 1435938
Conc: 19.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



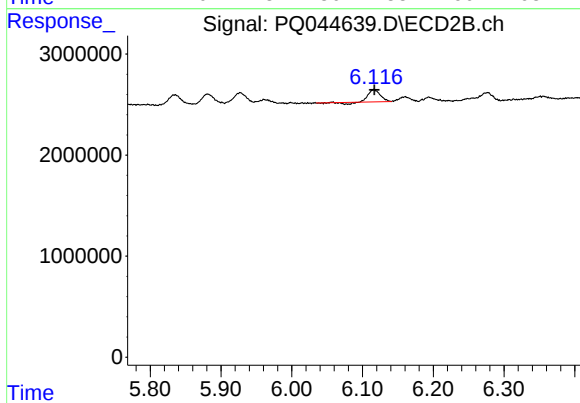
#23 AR-1248-3

R.T.: 5.927 min
Delta R.T.: 0.000 min
Response: 1175617
Conc: 21.59 ng/ml



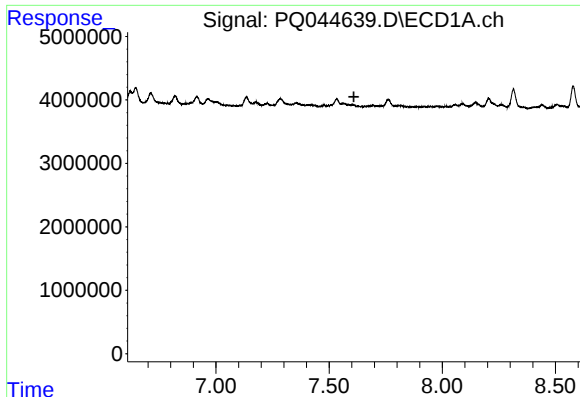
#24 AR-1248-4

R.T.: 7.534 min
Delta R.T.: -0.034 min
Response: 1082344
Conc: 13.27 ng/ml



#24 AR-1248-4

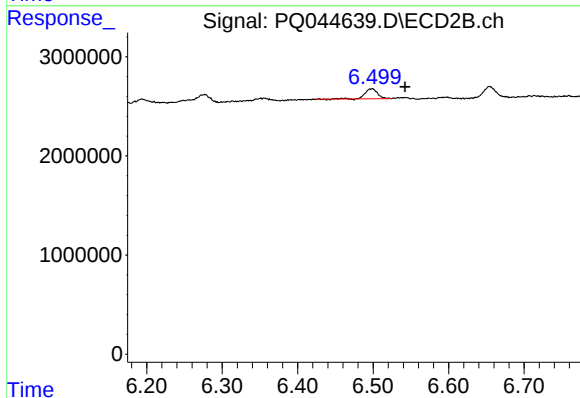
R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 1277452
Conc: 19.07 ng/ml



#25 AR-1248-5

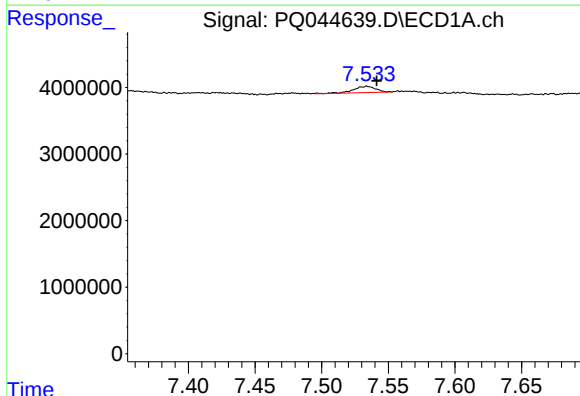
R.T.: 0.000 min
Exp R.T.: 7.609 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



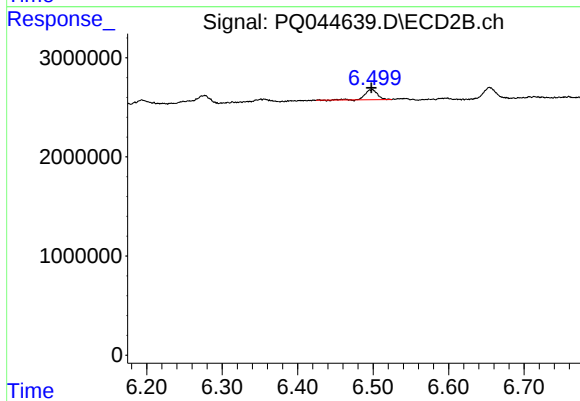
#25 AR-1248-5

R.T.: 6.499 min
Delta R.T.: -0.044 min
Response: 1186888
Conc: 16.57 ng/ml



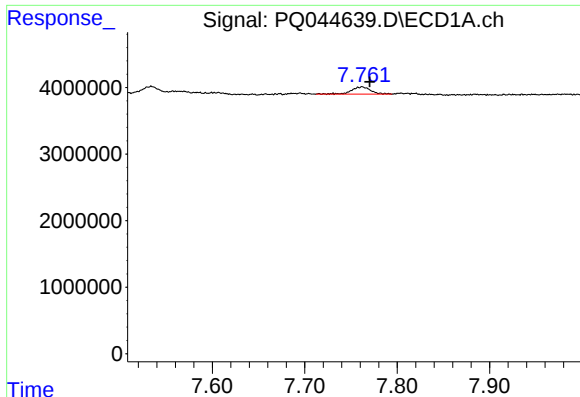
#26 AR-1254-1

R.T.: 7.534 min
Delta R.T.: -0.007 min
Response: 1082344
Conc: 11.32 ng/ml



#26 AR-1254-1

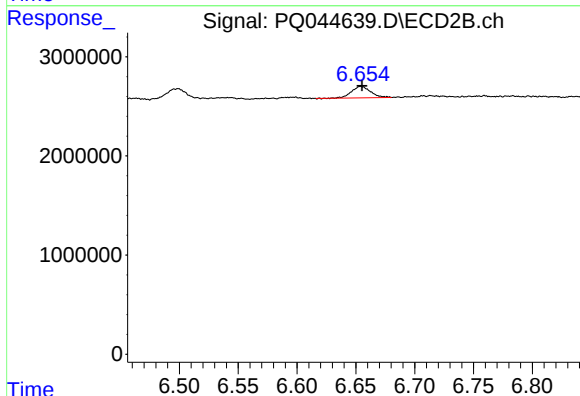
R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 1186888
Conc: 9.51 ng/ml



#27 AR-1254-2

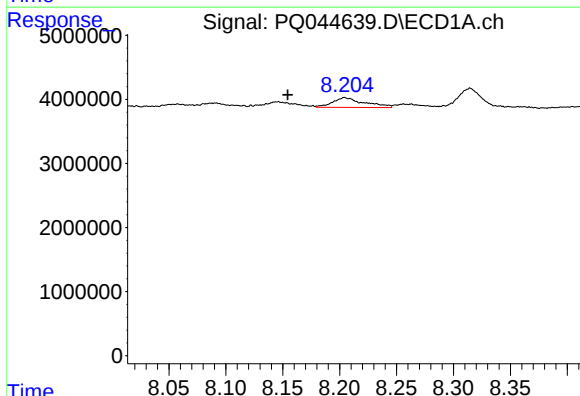
R.T.: 7.762 min
Delta R.T.: -0.008 min
Response: 1570174
Conc: 10.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



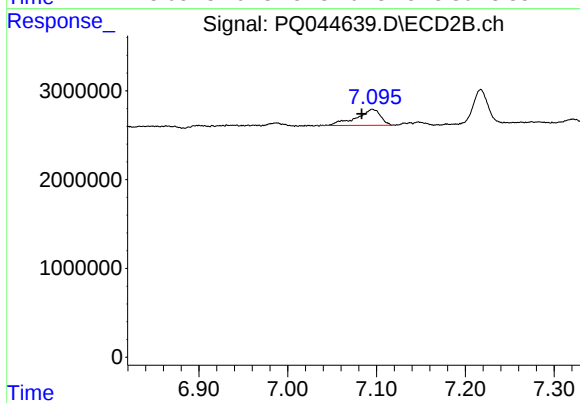
#27 AR-1254-2

R.T.: 6.654 min
Delta R.T.: -0.001 min
Response: 1302564
Conc: 11.14 ng/ml



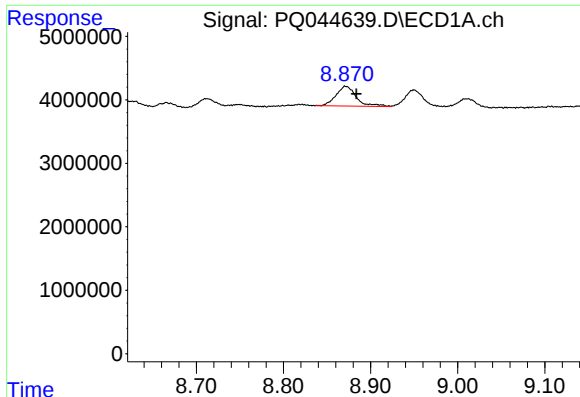
#28 AR-1254-3

R.T.: 8.204 min
Delta R.T.: 0.050 min
Response: 2942980
Conc: 18.42 ng/ml



#28 AR-1254-3

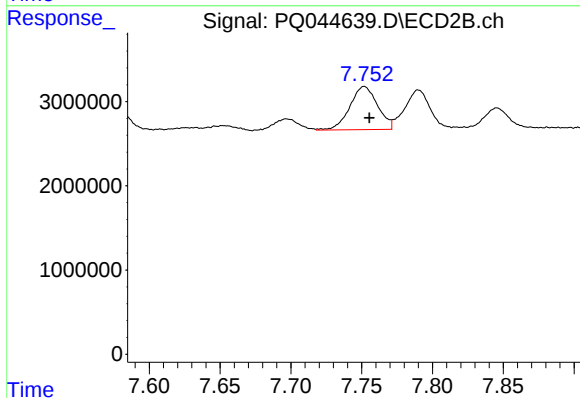
R.T.: 7.095 min
Delta R.T.: 0.012 min
Response: 3437243
Conc: 16.95 ng/ml



#30 AR-1254-5

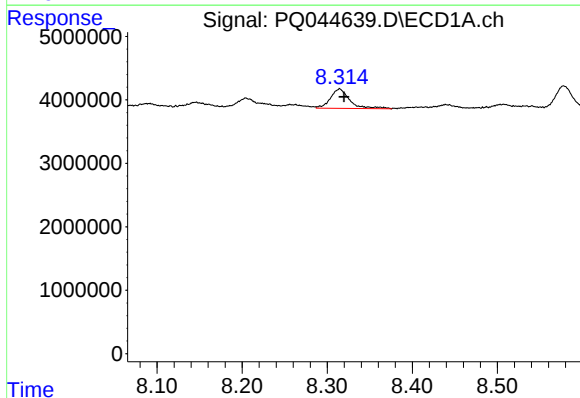
R.T.: 8.871 min
Delta R.T.: -0.012 min
Response: 5021771
Conc: 38.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



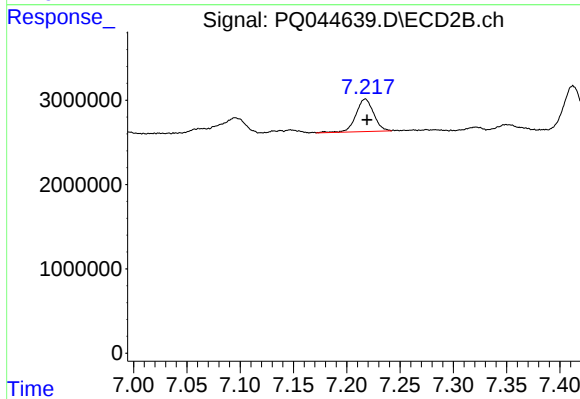
#30 AR-1254-5

R.T.: 7.752 min
Delta R.T.: -0.004 min
Response: 6978792
Conc: 33.87 ng/ml



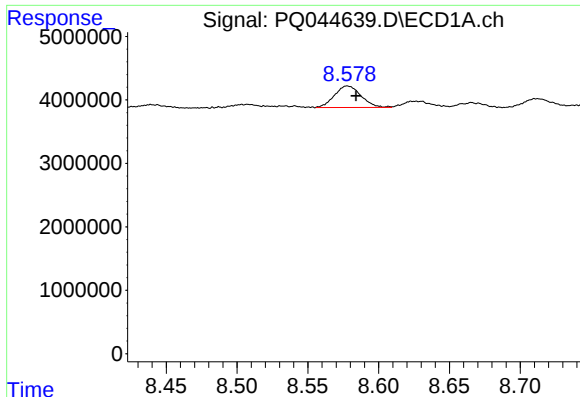
#31 AR-1260-1

R.T.: 8.315 min
Delta R.T.: -0.005 min
Response: 4835076
Conc: 49.13 ng/ml



#31 AR-1260-1

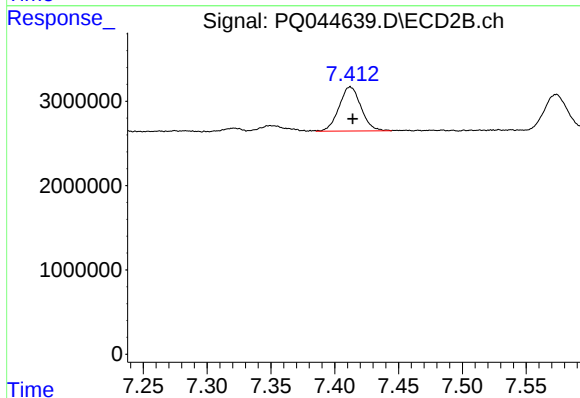
R.T.: 7.217 min
Delta R.T.: -0.002 min
Response: 4440479
Conc: 38.08 ng/ml



#32 AR-1260-2

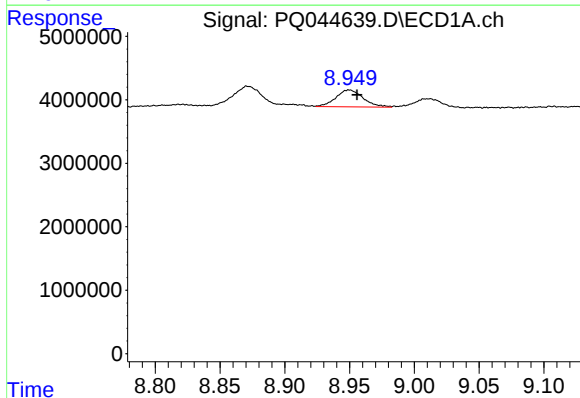
R.T.: 8.578 min
Delta R.T.: -0.006 min
Response: 4439989
Conc: 37.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



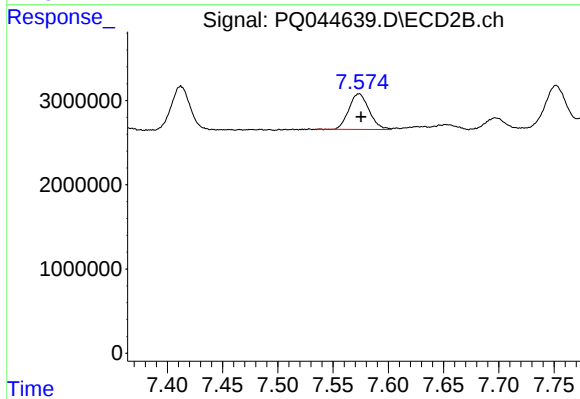
#32 AR-1260-2

R.T.: 7.412 min
Delta R.T.: -0.002 min
Response: 6228221
Conc: 40.83 ng/ml



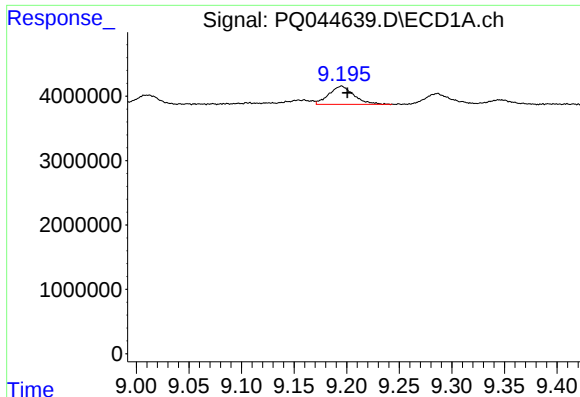
#33 AR-1260-3

R.T.: 8.950 min
Delta R.T.: -0.006 min
Response: 3894653
Conc: 38.25 ng/ml



#33 AR-1260-3

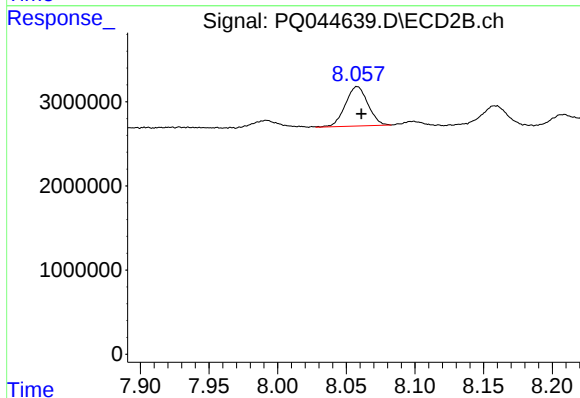
R.T.: 7.574 min
Delta R.T.: -0.002 min
Response: 5396578
Conc: 39.30 ng/ml



#34 AR-1260-4

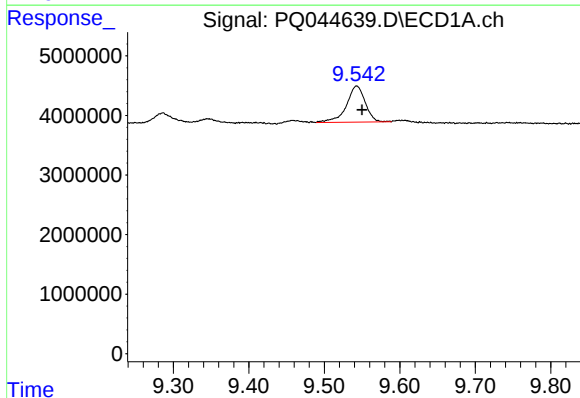
R.T.: 9.195 min
Delta R.T.: -0.006 min
Response: 4693505
Conc: 39.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



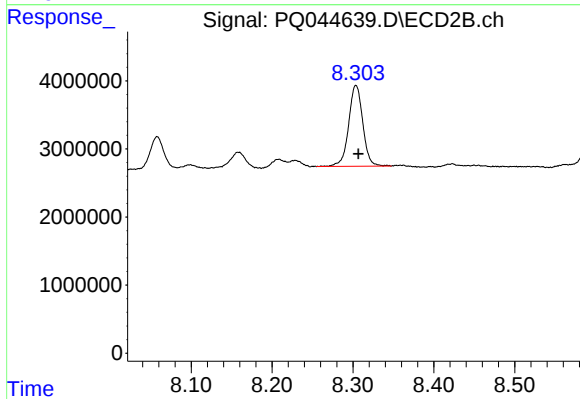
#34 AR-1260-4

R.T.: 8.058 min
Delta R.T.: -0.003 min
Response: 5367081
Conc: 39.89 ng/ml



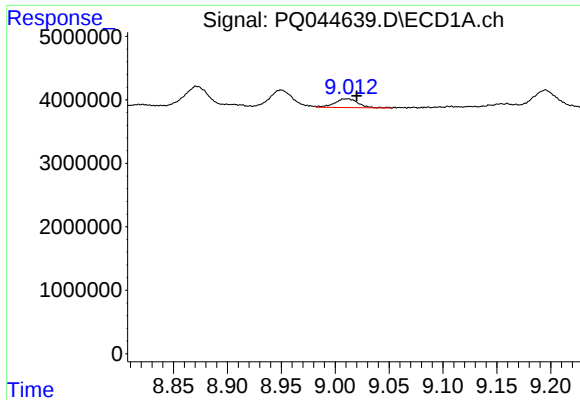
#35 AR-1260-5

R.T.: 9.543 min
Delta R.T.: -0.007 min
Response: 10501753
Conc: 40.05 ng/ml



#35 AR-1260-5

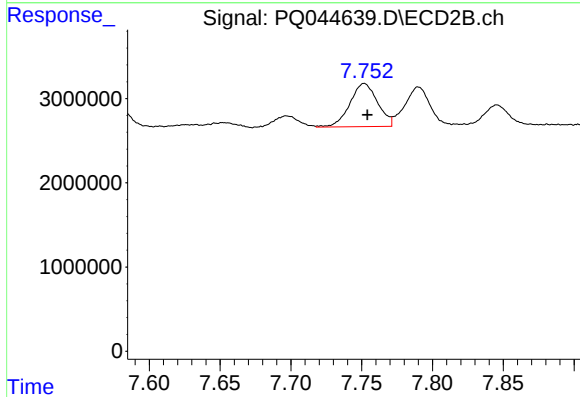
R.T.: 8.304 min
Delta R.T.: -0.003 min
Response: 14429004
Conc: 40.92 ng/ml



#36 AR-1262-1

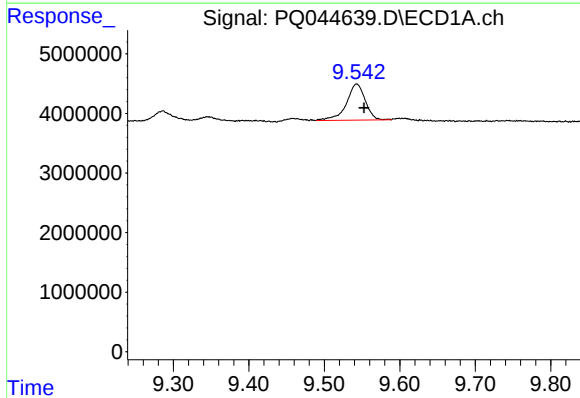
R.T.: 9.011 min
Delta R.T.: -0.009 min
Response: 2106997
Conc: 30.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



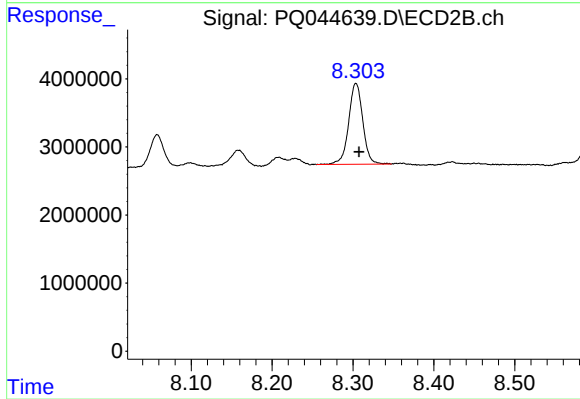
#36 AR-1262-1

R.T.: 7.752 min
Delta R.T.: -0.002 min
Response: 6978792
Conc: 65.53 ng/ml



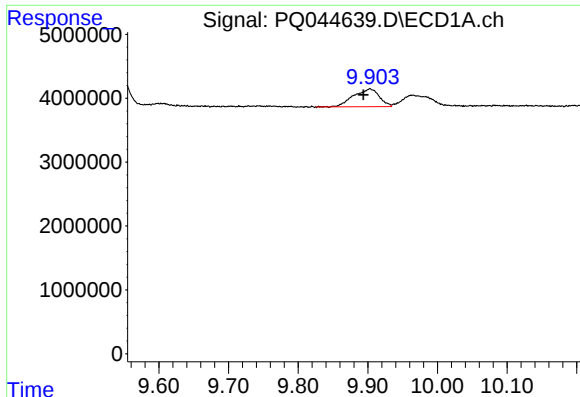
#37 AR-1262-2

R.T.: 9.543 min
Delta R.T.: -0.010 min
Response: 10501753
Conc: 33.61 ng/ml



#37 AR-1262-2

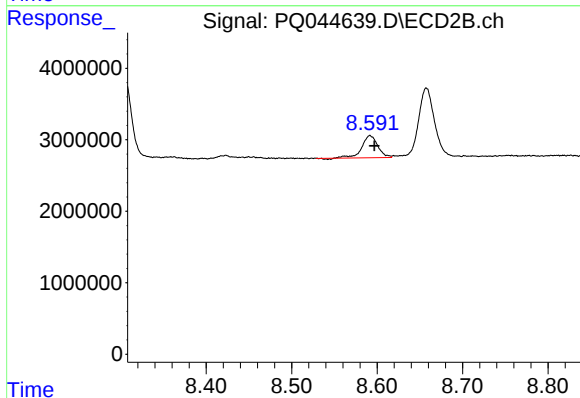
R.T.: 8.304 min
Delta R.T.: -0.004 min
Response: 14429004
Conc: 33.00 ng/ml



#38 AR-1262-3

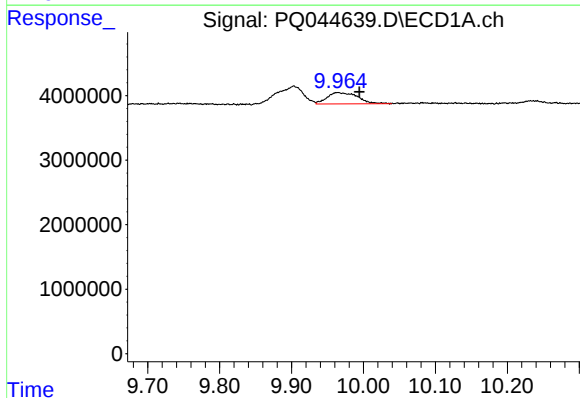
R.T.: 9.903 min
Delta R.T.: 0.009 min
Response: 7099951
Conc: 29.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



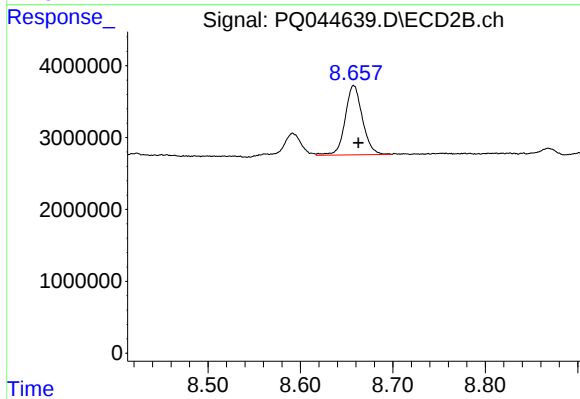
#38 AR-1262-3

R.T.: 8.592 min
Delta R.T.: -0.005 min
Response: 3982412
Conc: 22.38 ng/ml



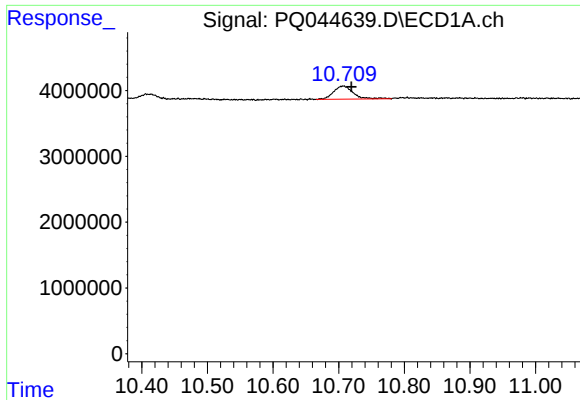
#39 AR-1262-4

R.T.: 9.964 min
Delta R.T.: -0.030 min
Response: 5159500
Conc: 24.79 ng/ml



#39 AR-1262-4

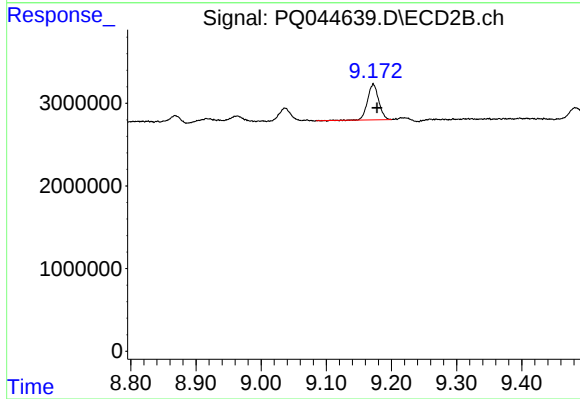
R.T.: 8.658 min
Delta R.T.: -0.005 min
Response: 12566794
Conc: 35.84 ng/ml



#40 AR-1262-5

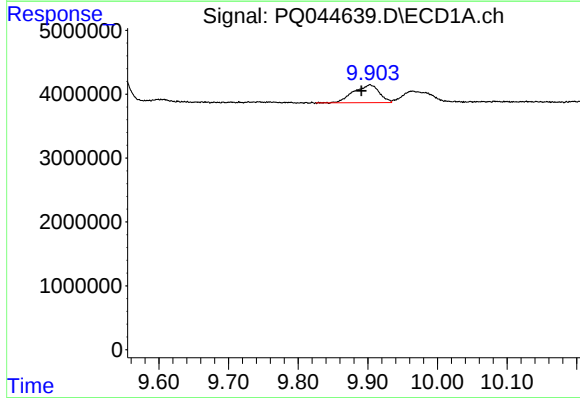
R.T.: 10.707 min
Delta R.T.: -0.012 min
Response: 4160520
Conc: 26.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



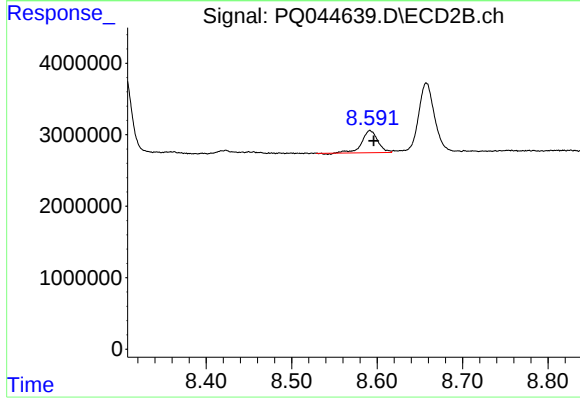
#40 AR-1262-5

R.T.: 9.172 min
Delta R.T.: -0.006 min
Response: 5129684
Conc: 30.12 ng/ml



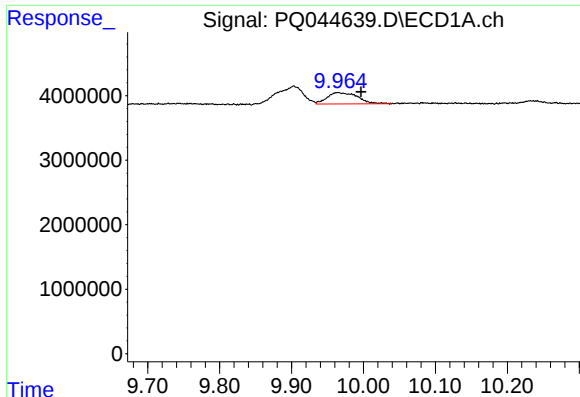
#41 AR-1268-1

R.T.: 9.903 min
Delta R.T.: 0.012 min
Response: 7099951
Conc: 16.19 ng/ml



#41 AR-1268-1

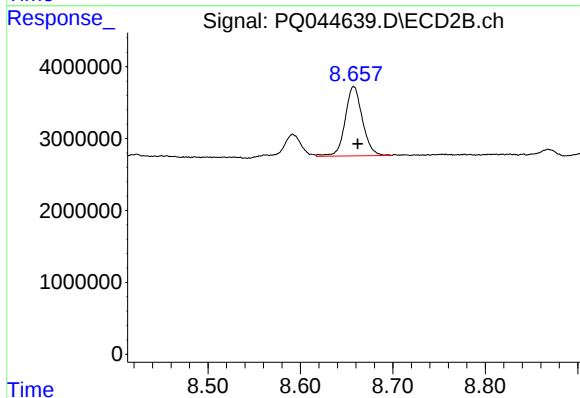
R.T.: 8.592 min
Delta R.T.: -0.004 min
Response: 3982412
Conc: 7.59 ng/ml



#42 AR-1268-2

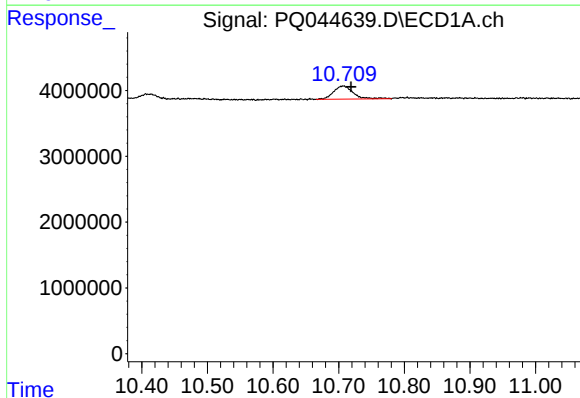
R.T.: 9.964 min
Delta R.T.: -0.032 min
Response: 5159500
Conc: 11.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



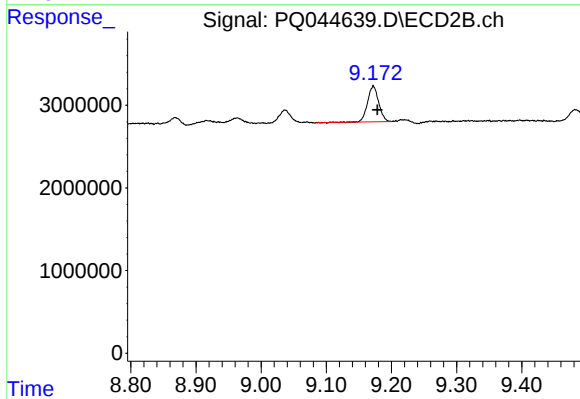
#42 AR-1268-2

R.T.: 8.658 min
Delta R.T.: -0.004 min
Response: 12566794
Conc: 25.28 ng/ml



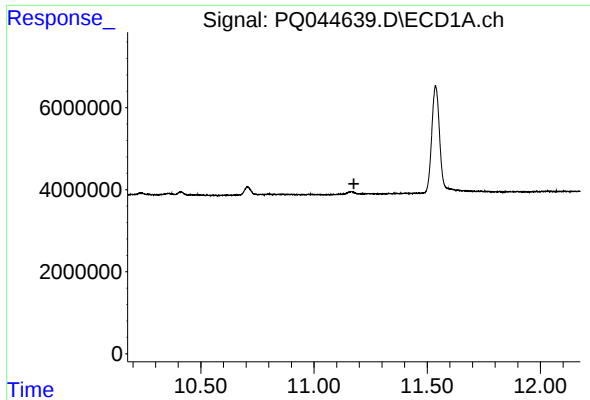
#44 AR-1268-4

R.T.: 10.707 min
Delta R.T.: -0.012 min
Response: 4160520
Conc: 22.90 ng/ml



#44 AR-1268-4

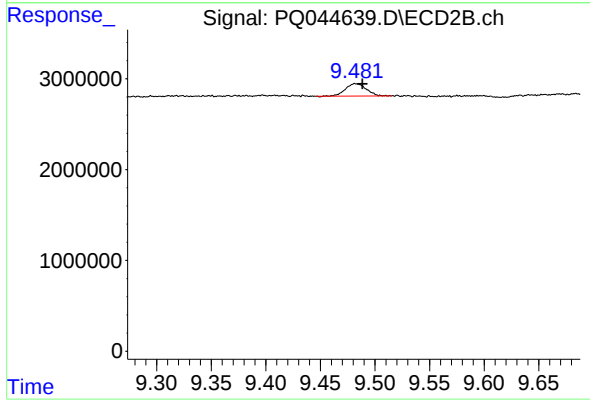
R.T.: 9.172 min
Delta R.T.: -0.006 min
Response: 5129684
Conc: 26.12 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 11.176 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.482 min
Delta R.T.: -0.006 min
Response: 1826315
Conc: 1.22 ng/ml