

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072220\
 Data File : PQ048814.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jul 2020 10:02
 Operator : DD\AJ
 Sample : L3355-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 12:39:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 16 05:42:31 2020
 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...	5.266	4.282	261.4E6	134.8E6	30.944	32.151
2)	SA Decachlor...	11.516	9.646	260.5E6	131.9E6	25.301	24.477
Target Compounds							
3)	L1 AR-1016-1	6.616	0.000	48156933	0	149.511	N.D. #
4)	L1 AR-1016-2	6.616	0.000	48156933	0	107.437	N.D. #
5)	L1 AR-1016-3	0.000	5.758	0	1349031	N.D.	10.852 #
6)	L1 AR-1016-4	6.833f	0.000	43768199	0	191.930	N.D. #
9)	L2 AR-1221-2	5.625	4.639	3730394	1612307	56.476	50.017
10)	L2 AR-1221-3	5.718	0.000	1526481	0	7.313	N.D. #
11)	L3 AR-1232-1	5.718	0.000	1526481	0	8.626	N.D. #
13)	L3 AR-1232-3	6.616	5.758	48156933	1349031	260.160	26.703 #
14)	L3 AR-1232-4	6.833f	5.882f	43768199	1147343	466.034	25.180 #
15)	L3 AR-1232-5	6.899	0.000	71599620	0	1045.345	N.D. #
16)	L4 AR-1242-1	6.616	0.000	48156933	0	195.961	N.D. #
17)	L4 AR-1242-2	6.616	0.000	48156933	0	139.024	N.D. #
18)	L4 AR-1242-3	6.664f	5.758	26196538	1349031	123.921	14.155 #
19)	L4 AR-1242-4	0.000	5.882f	0	1147343	N.D.	12.193 #
20)	L4 AR-1242-5	7.603	6.446f	33113881	54693966	169.142	424.054 #
21)	L5 AR-1248-1	6.616	0.000	48156933	0	293.748	N.D. #
22)	L5 AR-1248-2	6.899	0.000	71599620	0	329.109	N.D. #
23)	L5 AR-1248-3	0.000	5.882f	0	1147343	N.D.	9.692 #
24)	L5 AR-1248-4	7.554	0.000	83173842	0	284.746	N.D. #
25)	L5 AR-1248-5	7.603	6.446f	33113881	54693966	119.417	360.720 #
26)	L6 AR-1254-1	7.521	6.446f	164.4E6	54693966	538.005	216.877 #
27)	L6 AR-1254-2	7.745	6.605f	111.8E6	38585856	235.084	174.434 #
28)	L6 AR-1254-3	8.140	7.022f	130.0E6	35122126	253.225	93.985 #
29)	L6 AR-1254-4	8.412	7.243	59746755	7787089	148.221	31.744 #
30)	L6 AR-1254-5	8.880f	7.670	101.0E6	37401925	233.147	110.642 #
31)	L7 AR-1260-1	8.290	7.139	27076968	10202040	67.041	38.755 #
32)	L7 AR-1260-2	8.560	7.336	221.8E6	7012212	441.003	21.119 #
33)	L7 AR-1260-3	8.927	7.491	20471670	6143153	51.252	20.302 #
34)	L7 AR-1260-4	9.169	7.977	20834346	5334840	45.624	20.646 #
35)	L7 AR-1260-5	9.524	8.220	9383038	5837434	9.459	8.940
36)	L8 AR-1262-1	8.927	7.670	20471670	37401925	35.410	188.515 #
37)	L8 AR-1262-2	9.524	8.220	9383038	5837434	8.547	8.004
38)	L8 AR-1262-3	9.894f	8.521	7232264	26210005	14.717	96.211 #
39)	L8 AR-1262-4	9.941f	8.570	7544355	10479436	12.920	20.195 #
40)	L8 AR-1262-5	10.695	9.077	2273944	1880920	5.420	8.085 #
41)	L9 AR-1268-1	9.894f	8.521	7232264	26210005	5.066	29.451 #
42)	L9 AR-1268-2	9.941f	8.570	7544355	10479436	5.489	12.743 #
43)	L9 AR-1268-3	10.209	8.786	1407350	6146928	1.197	9.083 #
44)	L9 AR-1268-4	10.695	9.077	2273944	1880920	4.430	6.597 #

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 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	11.145	9.381	7048457	2809266	1.819	1.311 #

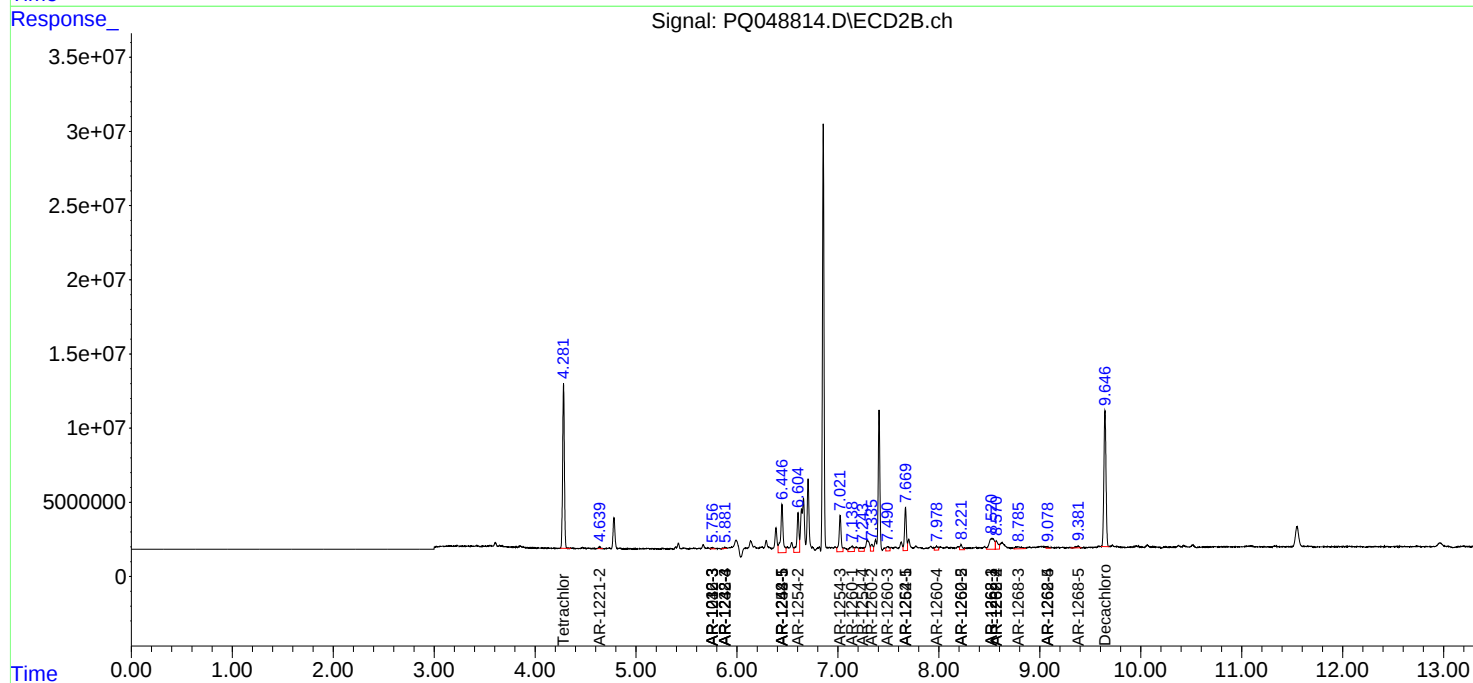
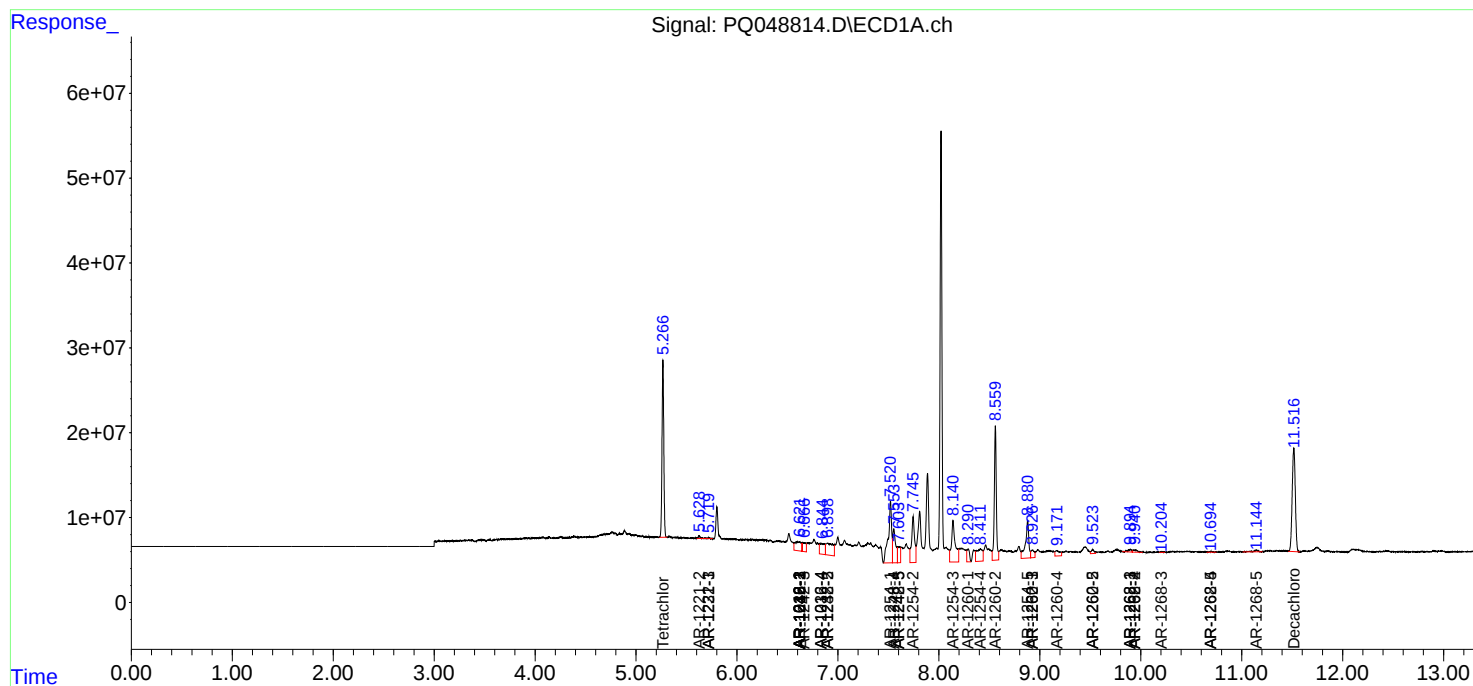
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

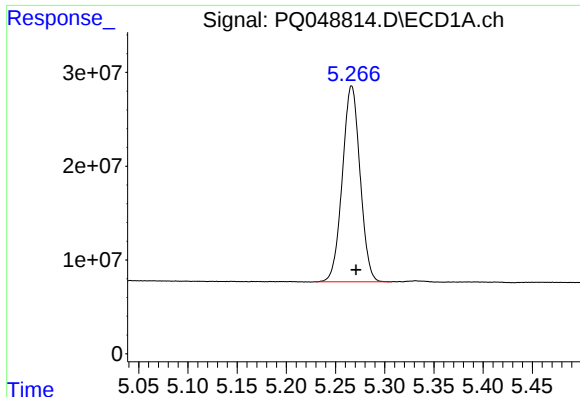
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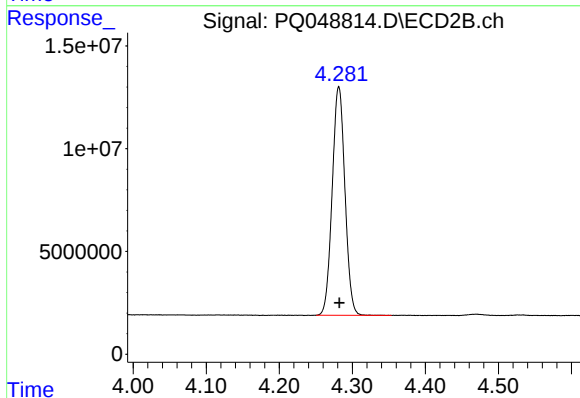




#1 Tetrachloro-m-xylene

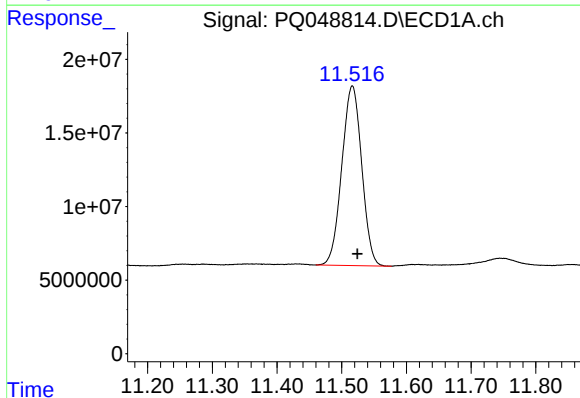
R.T.: 5.266 min
Delta R.T.: -0.005 min
Response: 261408480
Conc: 30.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



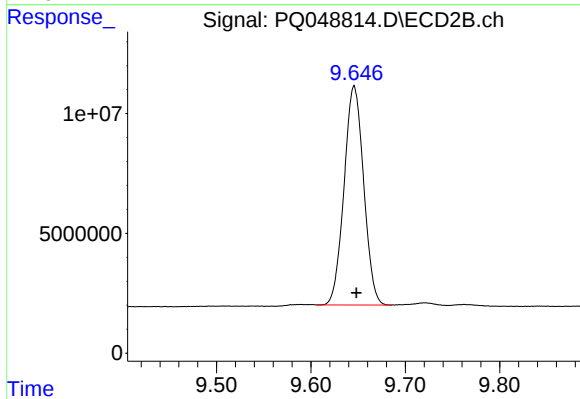
#1 Tetrachloro-m-xylene

R.T.: 4.282 min
Delta R.T.: 0.000 min
Response: 134827437
Conc: 32.15 ng/ml



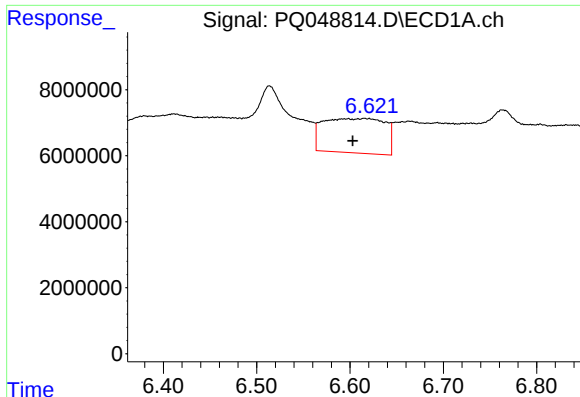
#2 Decachlorobiphenyl

R.T.: 11.516 min
Delta R.T.: -0.008 min
Response: 260544704
Conc: 25.30 ng/ml



#2 Decachlorobiphenyl

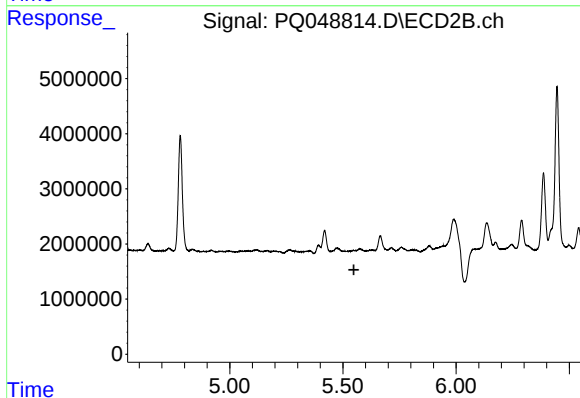
R.T.: 9.646 min
Delta R.T.: -0.002 min
Response: 131888356
Conc: 24.48 ng/ml



#3 AR-1016-1

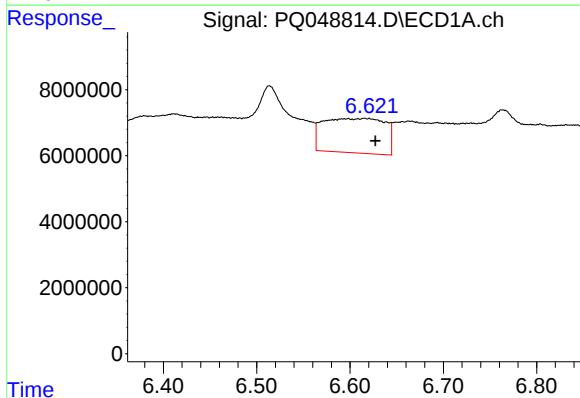
R.T.: 6.616 min
Delta R.T.: 0.014 min
Response: 48156933
Conc: 149.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



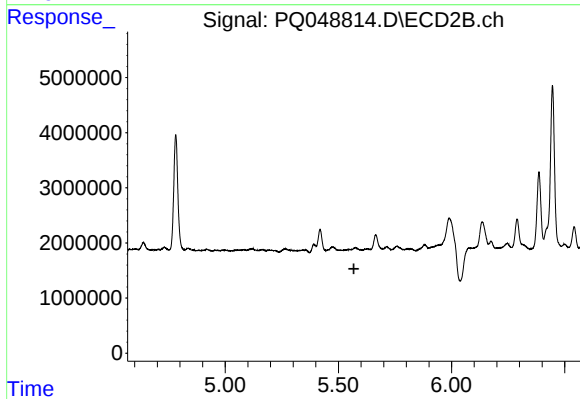
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.548 min
Response: 0
Conc: N.D.



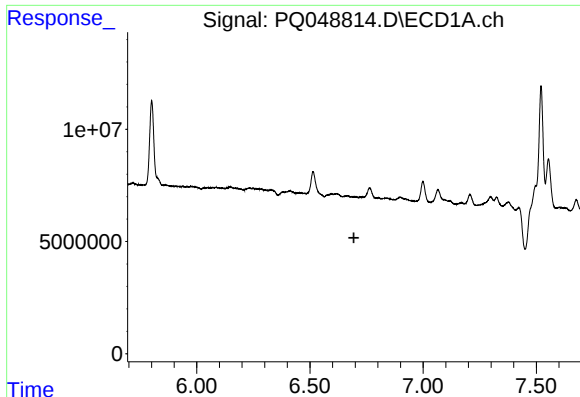
#4 AR-1016-2

R.T.: 6.616 min
Delta R.T.: -0.011 min
Response: 48156933
Conc: 107.44 ng/ml



#4 AR-1016-2

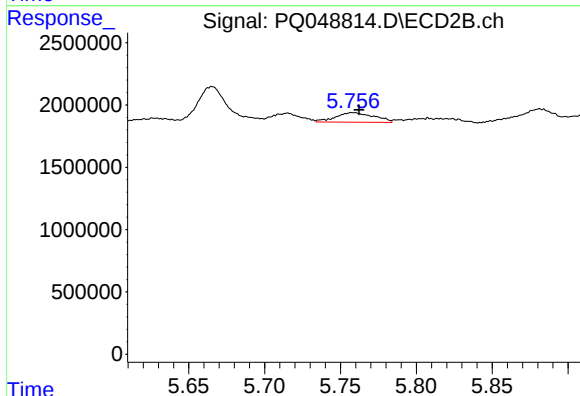
R.T.: 0.000 min
Exp R.T. : 5.569 min
Response: 0
Conc: N.D.



#5 AR-1016-3

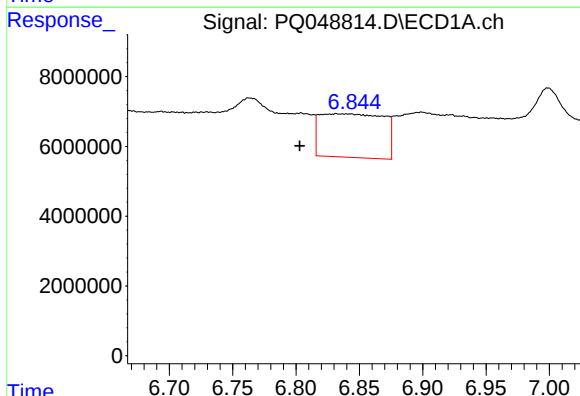
R.T.: 0.000 min
Exp R.T.: 6.694 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



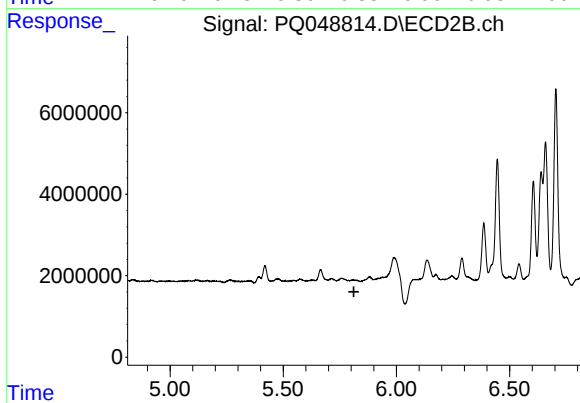
#5 AR-1016-3

R.T.: 5.758 min
Delta R.T.: -0.004 min
Response: 1349031
Conc: 10.85 ng/ml



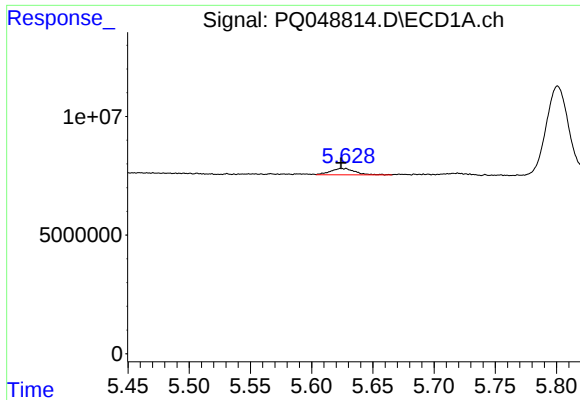
#6 AR-1016-4

R.T.: 6.833 min
Delta R.T.: 0.030 min
Response: 43768199
Conc: 191.93 ng/ml



#6 AR-1016-4

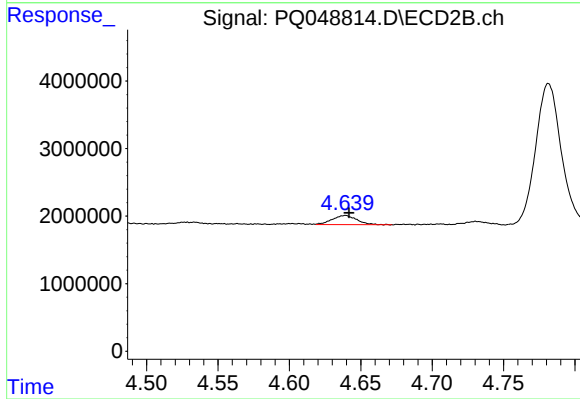
R.T.: 0.000 min
Exp R.T.: 5.812 min
Response: 0
Conc: N.D.



#9 AR-1221-2

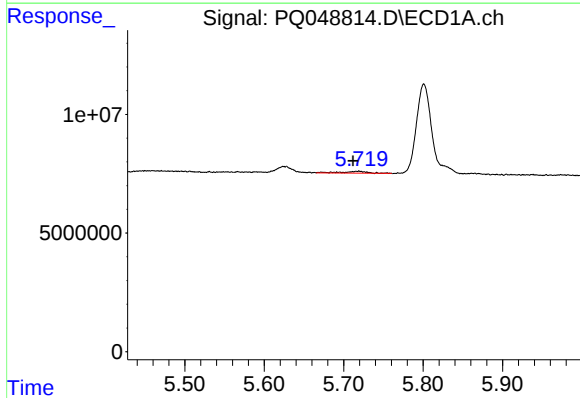
R.T.: 5.625 min
Delta R.T.: 0.001 min
Response: 3730394
Conc: 56.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



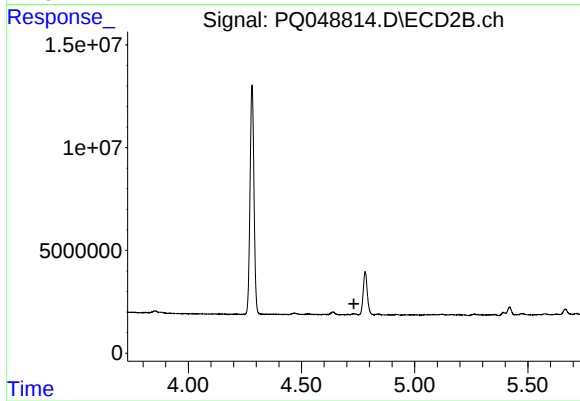
#9 AR-1221-2

R.T.: 4.639 min
Delta R.T.: -0.003 min
Response: 1612307
Conc: 50.02 ng/ml



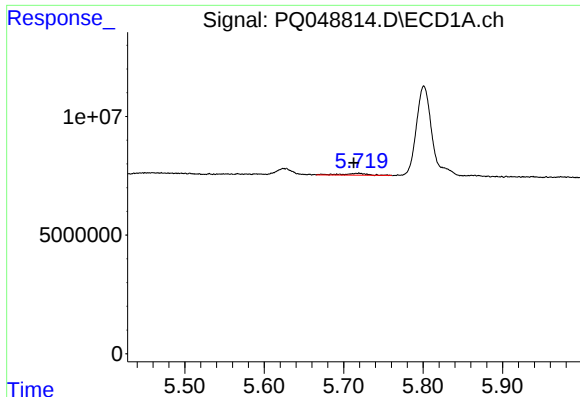
#10 AR-1221-3

R.T.: 5.718 min
Delta R.T.: 0.006 min
Response: 1526481
Conc: 7.31 ng/ml



#10 AR-1221-3

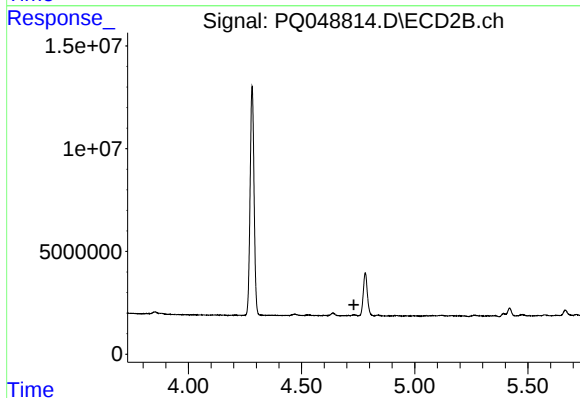
R.T.: 0.000 min
Exp R.T.: 4.732 min
Response: 0
Conc: N.D.



#11 AR-1232-1

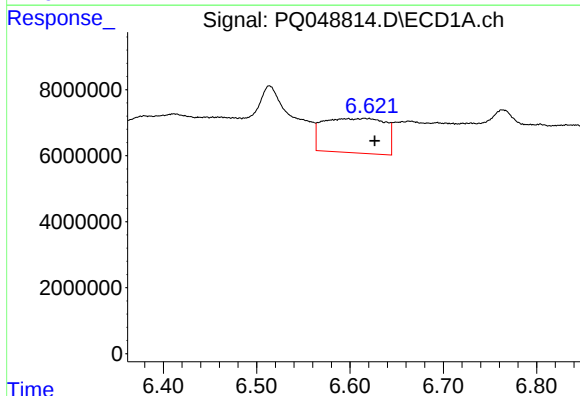
R.T.: 5.718 min
Delta R.T.: 0.006 min
Response: 1526481
Conc: 8.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



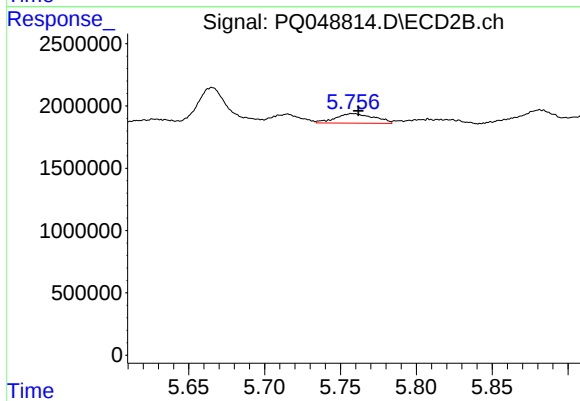
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.731 min
Response: 0
Conc: N.D.



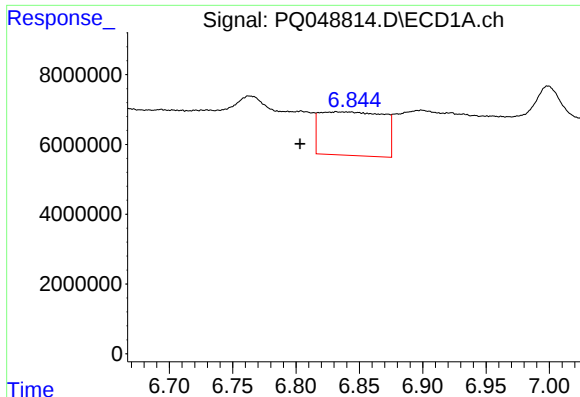
#13 AR-1232-3

R.T.: 6.616 min
Delta R.T.: -0.010 min
Response: 48156933
Conc: 260.16 ng/ml



#13 AR-1232-3

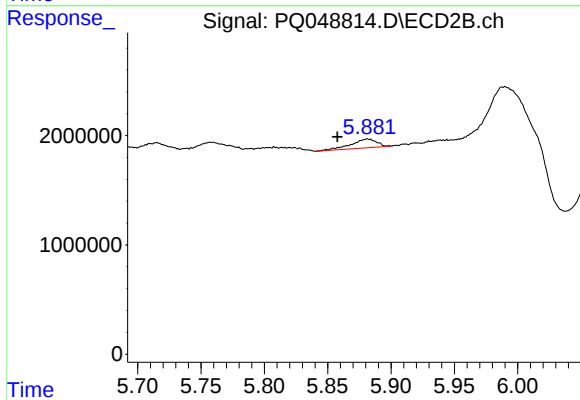
R.T.: 5.758 min
Delta R.T.: -0.003 min
Response: 1349031
Conc: 26.70 ng/ml



#14 AR-1232-4

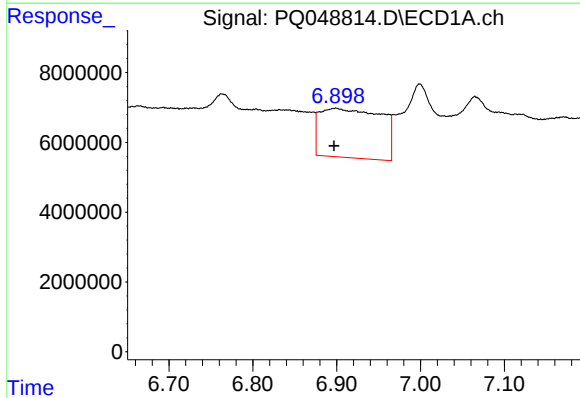
R.T.: 6.833 min
Delta R.T.: 0.030 min
Response: 43768199
Conc: 466.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



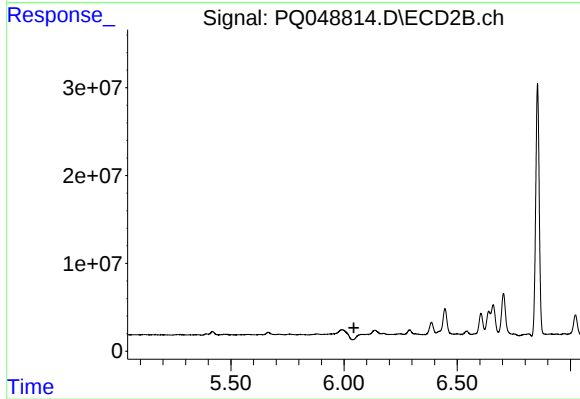
#14 AR-1232-4

R.T.: 5.882 min
Delta R.T.: 0.024 min
Response: 1147343
Conc: 25.18 ng/ml



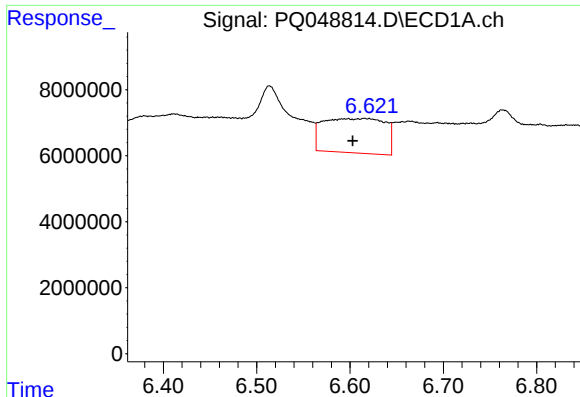
#15 AR-1232-5

R.T.: 6.899 min
Delta R.T.: 0.002 min
Response: 71599620
Conc: 1045.35 ng/ml



#15 AR-1232-5

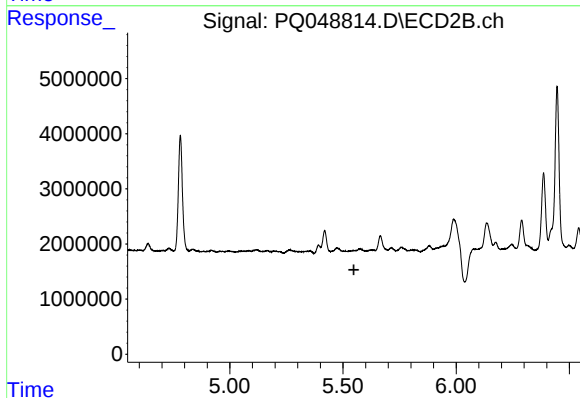
R.T.: 0.000 min
Exp R.T.: 6.044 min
Response: 0
Conc: N.D.



#16 AR-1242-1

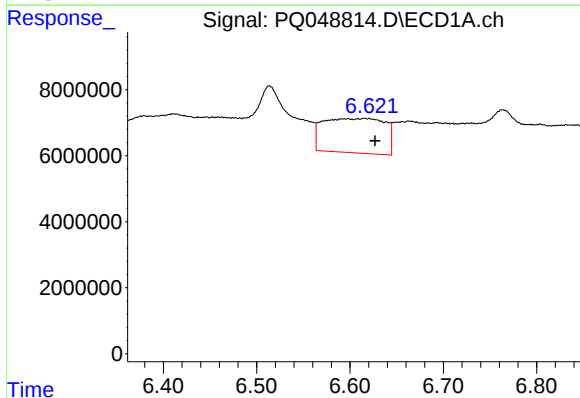
R.T.: 6.616 min
Delta R.T.: 0.014 min
Response: 48156933
Conc: 195.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :



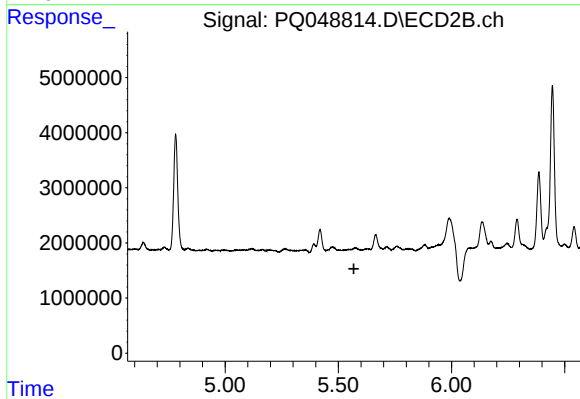
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.548 min
Response: 0
Conc: N.D.



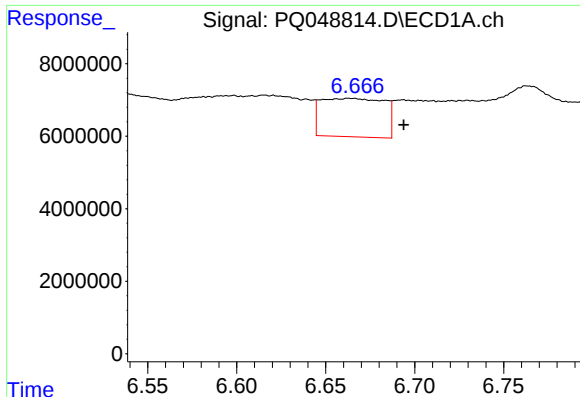
#17 AR-1242-2

R.T.: 6.616 min
Delta R.T.: -0.011 min
Response: 48156933
Conc: 139.02 ng/ml



#17 AR-1242-2

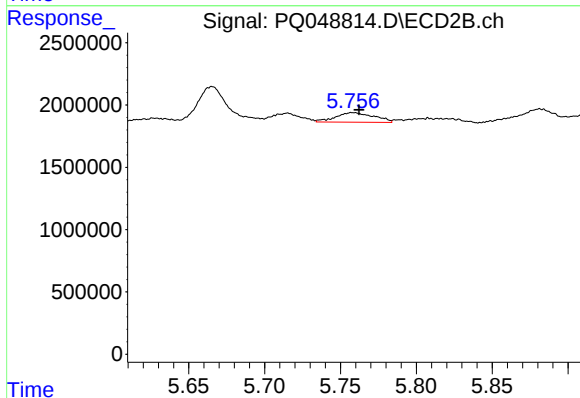
R.T.: 0.000 min
Exp R.T. : 5.569 min
Response: 0
Conc: N.D.



#18 AR-1242-3

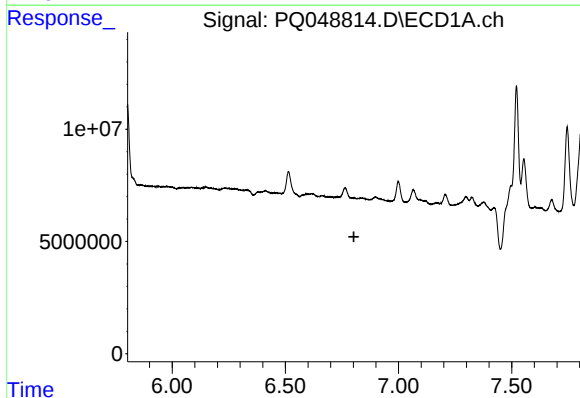
R.T.: 6.664 min
Delta R.T.: -0.030 min
Response: 26196538
Conc: 123.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



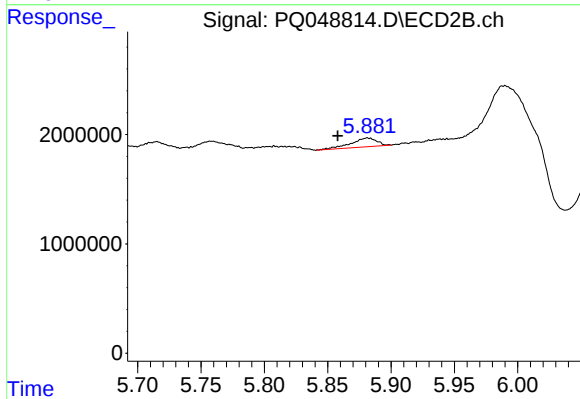
#18 AR-1242-3

R.T.: 5.758 min
Delta R.T.: -0.004 min
Response: 1349031
Conc: 14.15 ng/ml



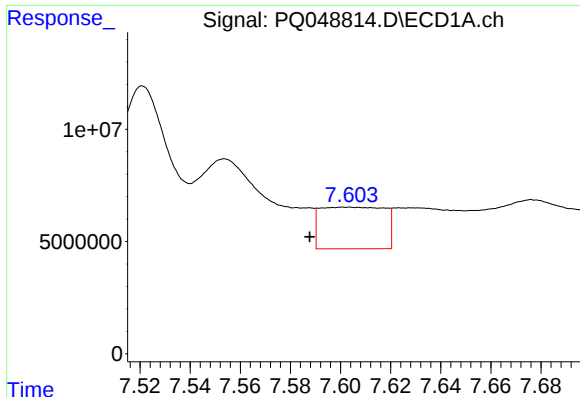
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.803 min
Response: 0
Conc: N.D.



#19 AR-1242-4

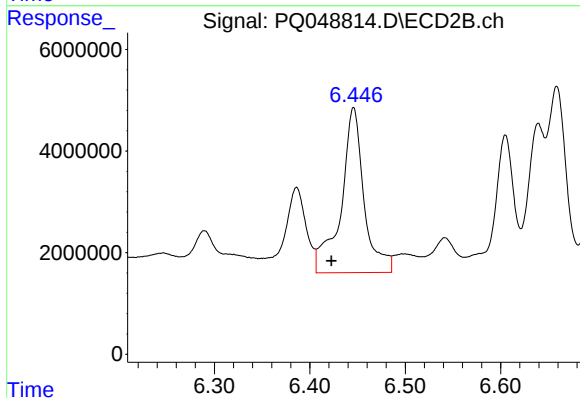
R.T.: 5.882 min
Delta R.T.: 0.024 min
Response: 1147343
Conc: 12.19 ng/ml



#20 AR-1242-5

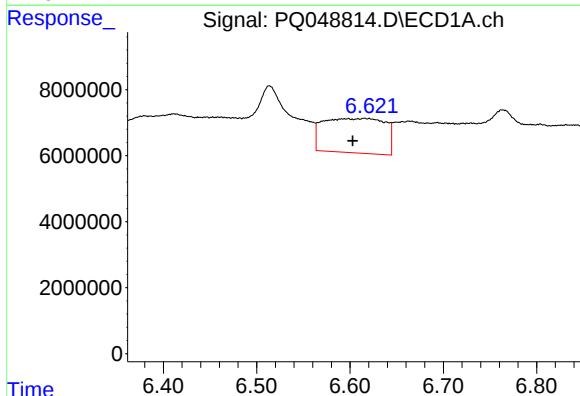
R.T.: 7.603 min
Delta R.T.: 0.015 min
Response: 33113881
Conc: 169.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



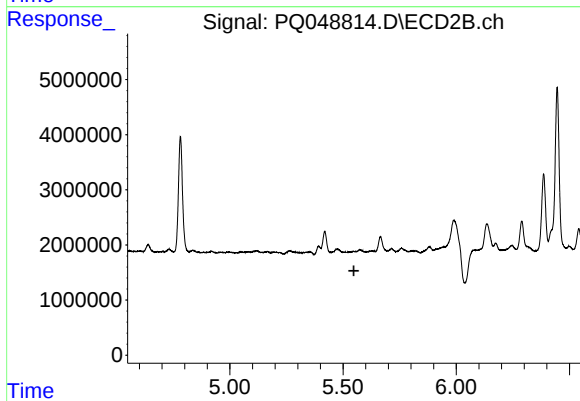
#20 AR-1242-5

R.T.: 6.446 min
Delta R.T.: 0.023 min
Response: 54693966
Conc: 424.05 ng/ml



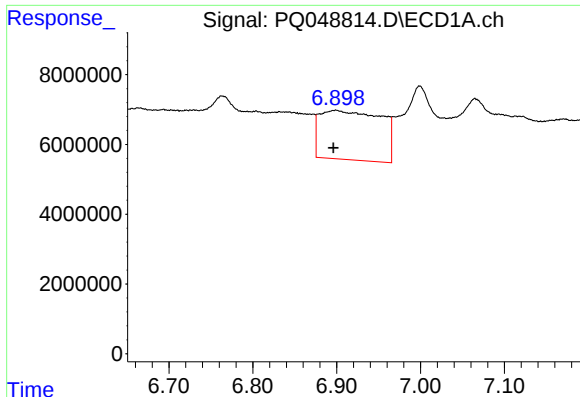
#21 AR-1248-1

R.T.: 6.616 min
Delta R.T.: 0.014 min
Response: 48156933
Conc: 293.75 ng/ml



#21 AR-1248-1

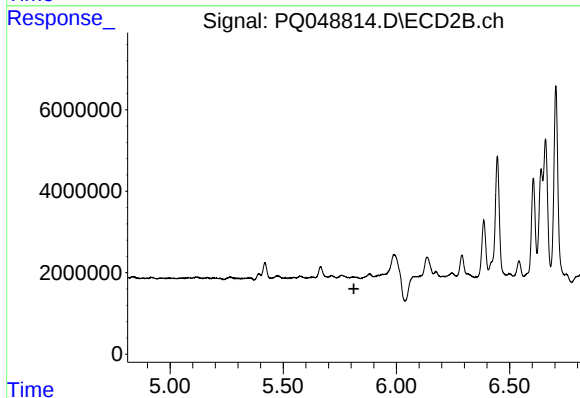
R.T.: 0.000 min
Exp R.T.: 5.548 min
Response: 0
Conc: N.D.



#22 AR-1248-2

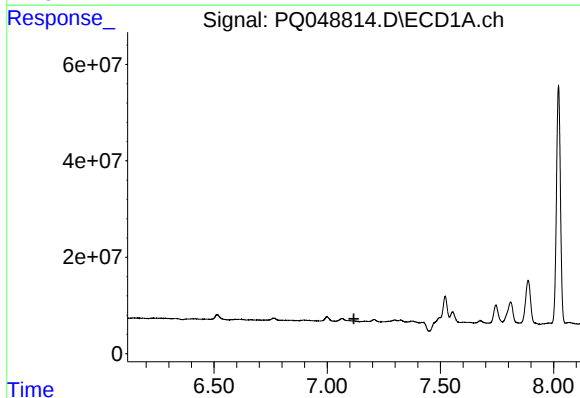
R.T.: 6.899 min
Delta R.T.: 0.003 min
Response: 71599620
Conc: 329.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



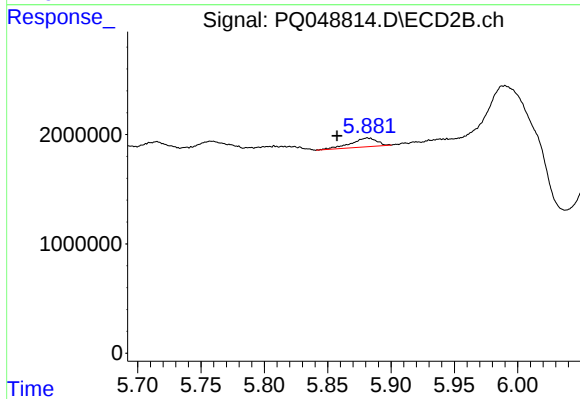
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.812 min
Response: 0
Conc: N.D.



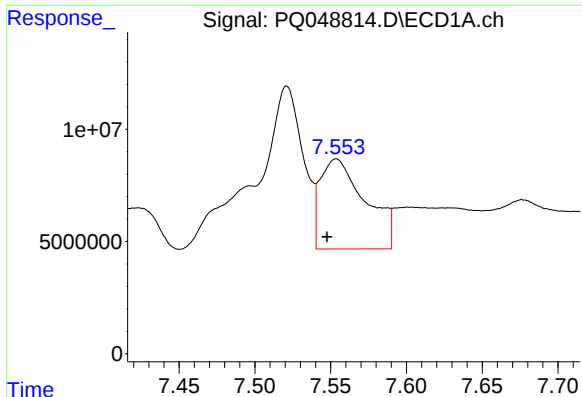
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 7.118 min
Response: 0
Conc: N.D.



#23 AR-1248-3

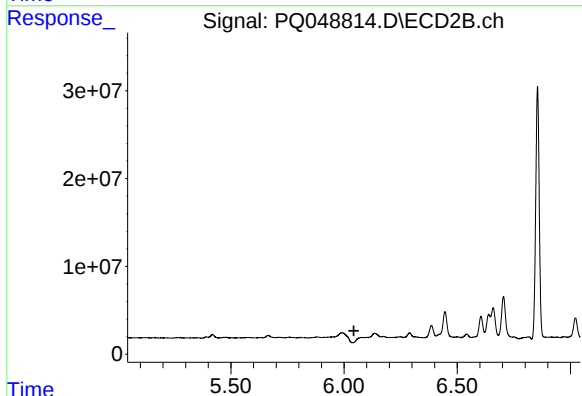
R.T.: 5.882 min
Delta R.T.: 0.024 min
Response: 1147343
Conc: 9.69 ng/ml



#24 AR-1248-4

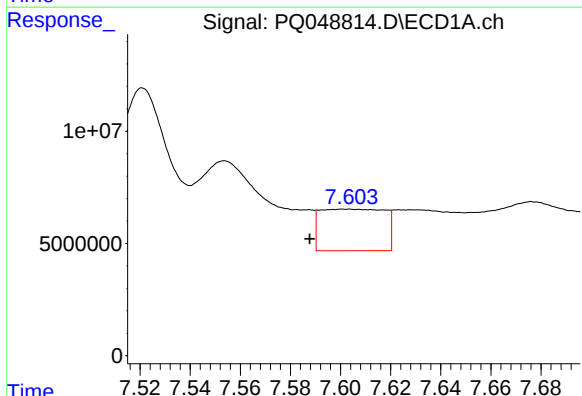
R.T.: 7.554 min
Delta R.T.: 0.006 min
Response: 83173842
Conc: 284.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



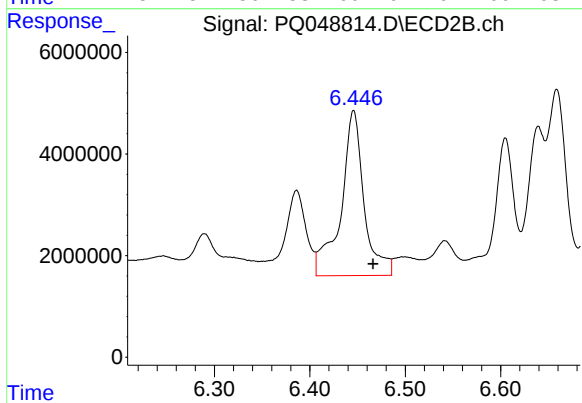
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.044 min
Response: 0
Conc: N.D.



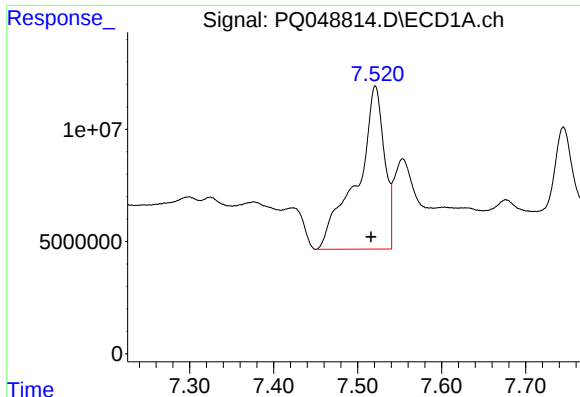
#25 AR-1248-5

R.T.: 7.603 min
Delta R.T.: 0.015 min
Response: 33113881
Conc: 119.42 ng/ml



#25 AR-1248-5

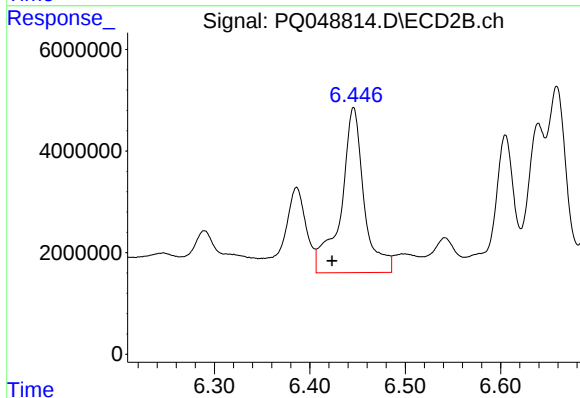
R.T.: 6.446 min
Delta R.T.: -0.020 min
Response: 54693966
Conc: 360.72 ng/ml



#26 AR-1254-1

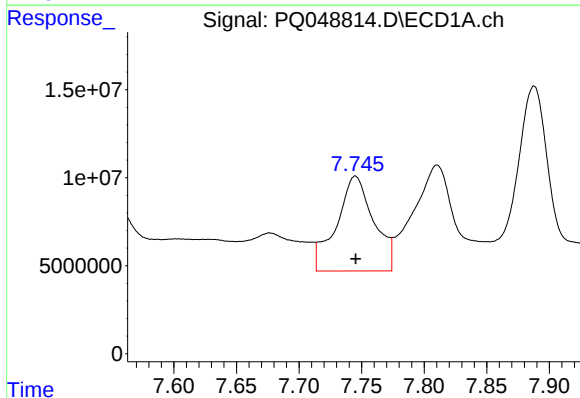
R.T.: 7.521 min
Delta R.T.: 0.005 min
Response: 164391188
Conc: 538.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



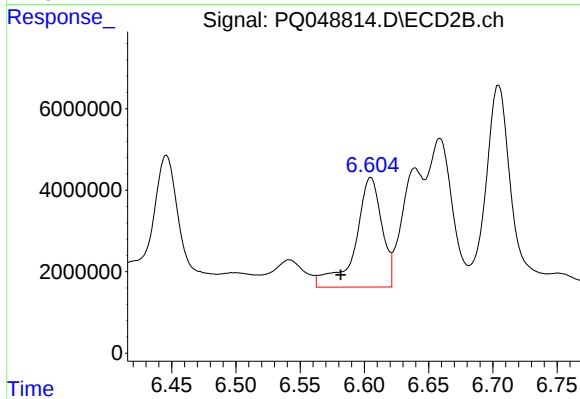
#26 AR-1254-1

R.T.: 6.446 min
Delta R.T.: 0.023 min
Response: 54693966
Conc: 216.88 ng/ml



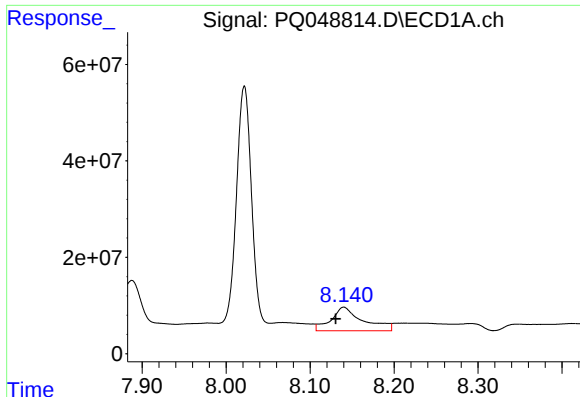
#27 AR-1254-2

R.T.: 7.745 min
Delta R.T.: 0.000 min
Response: 111779780
Conc: 235.08 ng/ml



#27 AR-1254-2

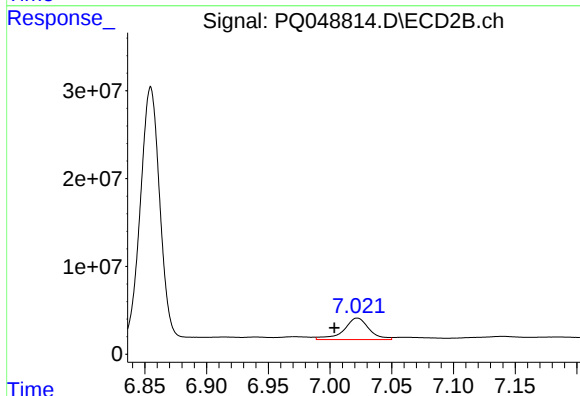
R.T.: 6.605 min
Delta R.T.: 0.023 min
Response: 38585856
Conc: 174.43 ng/ml



#28 AR-1254-3

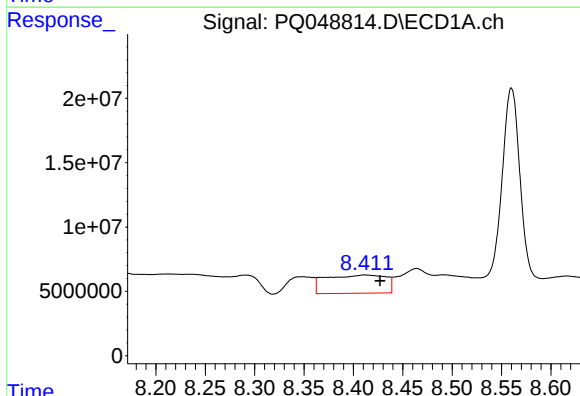
R.T.: 8.140 min
Delta R.T.: 0.010 min
Response: 130018637
Conc: 253.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



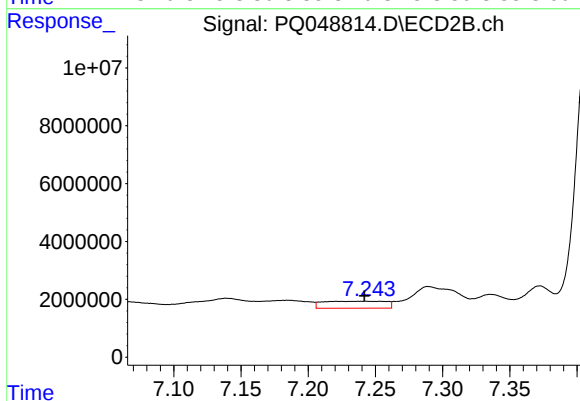
#28 AR-1254-3

R.T.: 7.022 min
Delta R.T.: 0.019 min
Response: 35122126
Conc: 93.99 ng/ml



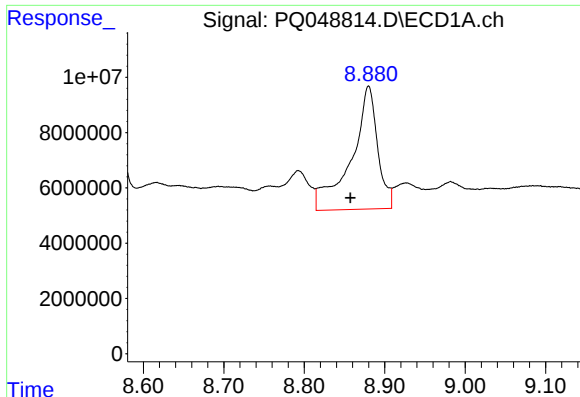
#29 AR-1254-4

R.T.: 8.412 min
Delta R.T.: -0.015 min
Response: 59746755
Conc: 148.22 ng/ml



#29 AR-1254-4

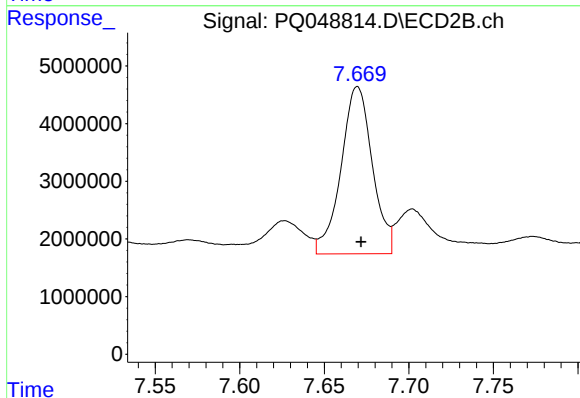
R.T.: 7.243 min
Delta R.T.: 0.002 min
Response: 7787089
Conc: 31.74 ng/ml



#30 AR-1254-5

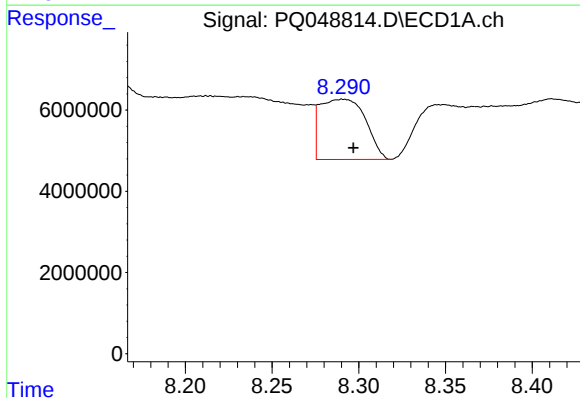
R.T.: 8.880 min
Delta R.T.: 0.022 min
Response: 101007735
Conc: 233.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



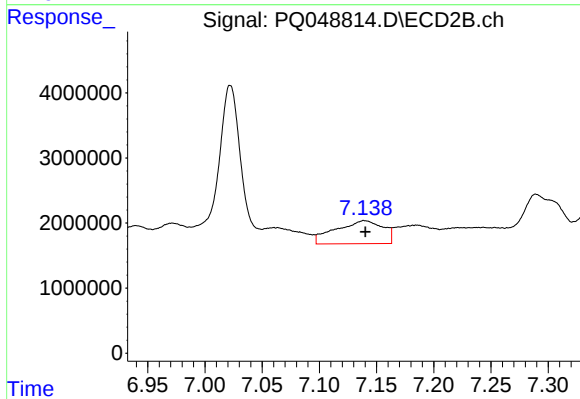
#30 AR-1254-5

R.T.: 7.670 min
Delta R.T.: -0.002 min
Response: 37401925
Conc: 110.64 ng/ml



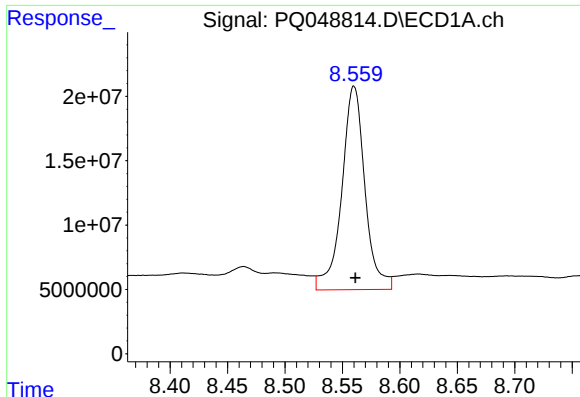
#31 AR-1260-1

R.T.: 8.290 min
Delta R.T.: -0.006 min
Response: 27076968
Conc: 67.04 ng/ml



#31 AR-1260-1

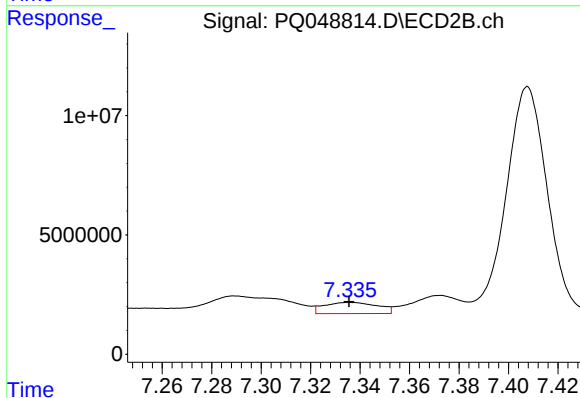
R.T.: 7.139 min
Delta R.T.: 0.000 min
Response: 10202040
Conc: 38.76 ng/ml



#32 AR-1260-2

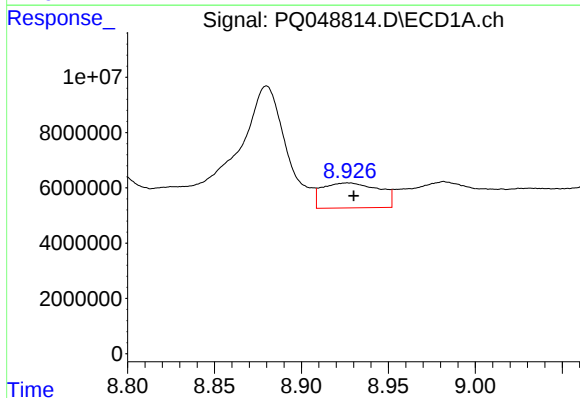
R.T.: 8.560 min
Delta R.T.: -0.001 min
Response: 221805692
Conc: 441.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



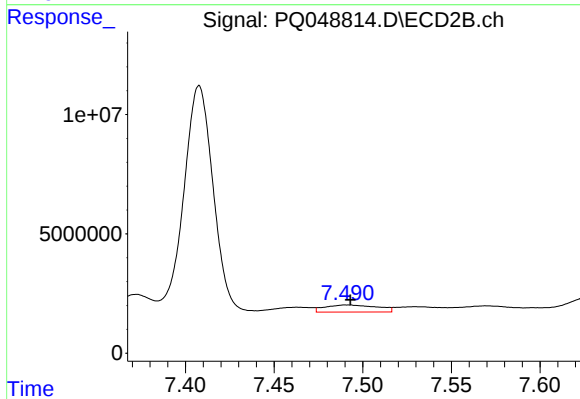
#32 AR-1260-2

R.T.: 7.336 min
Delta R.T.: 0.000 min
Response: 7012212
Conc: 21.12 ng/ml



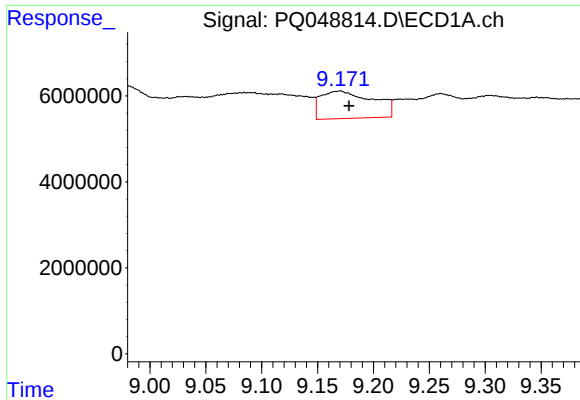
#33 AR-1260-3

R.T.: 8.927 min
Delta R.T.: -0.004 min
Response: 20471670
Conc: 51.25 ng/ml



#33 AR-1260-3

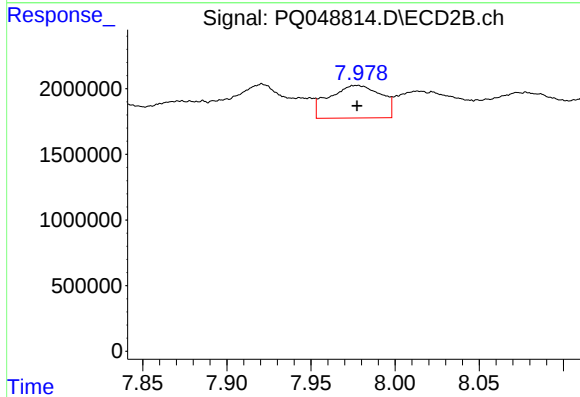
R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 6143153
Conc: 20.30 ng/ml



#34 AR-1260-4

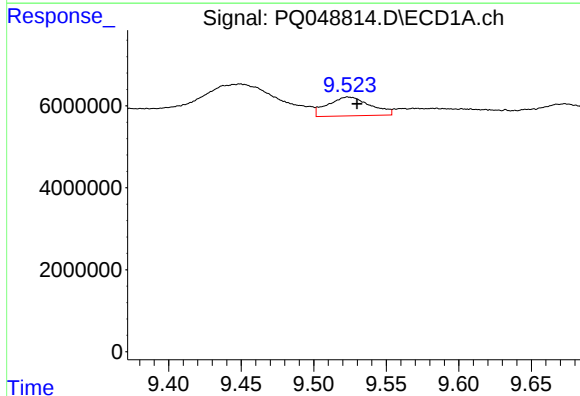
R.T.: 9.169 min
Delta R.T.: -0.009 min
Response: 20834346
Conc: 45.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



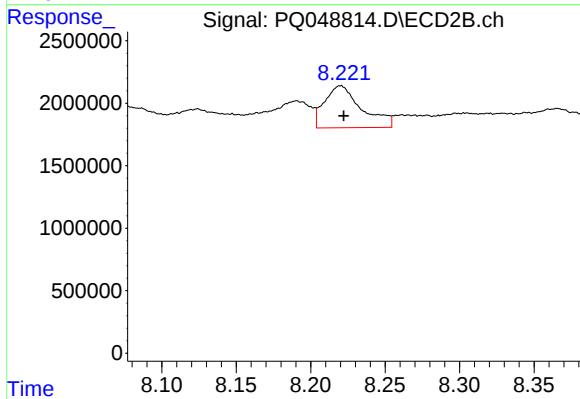
#34 AR-1260-4

R.T.: 7.977 min
Delta R.T.: 0.000 min
Response: 5334840
Conc: 20.65 ng/ml



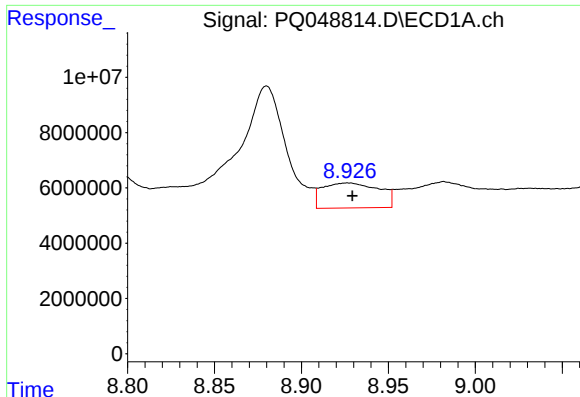
#35 AR-1260-5

R.T.: 9.524 min
Delta R.T.: -0.006 min
Response: 9383038
Conc: 9.46 ng/ml



#35 AR-1260-5

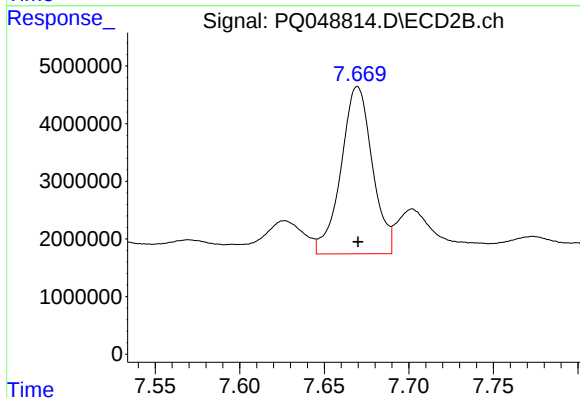
R.T.: 8.220 min
Delta R.T.: -0.002 min
Response: 5837434
Conc: 8.94 ng/ml



#36 AR-1262-1

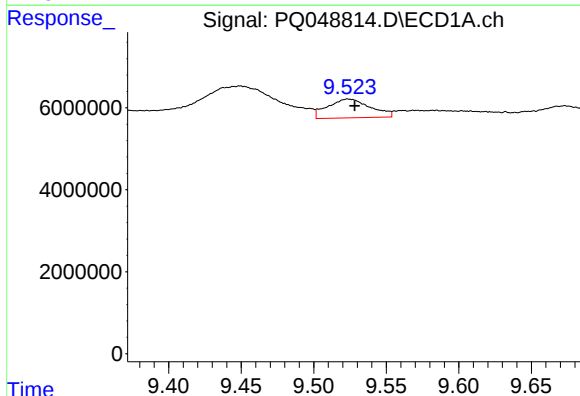
R.T.: 8.927 min
Delta R.T.: -0.003 min
Response: 20471670
Conc: 35.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



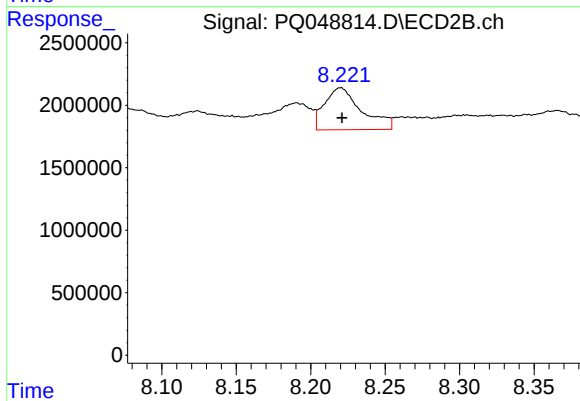
#36 AR-1262-1

R.T.: 7.670 min
Delta R.T.: 0.000 min
Response: 37401925
Conc: 188.52 ng/ml



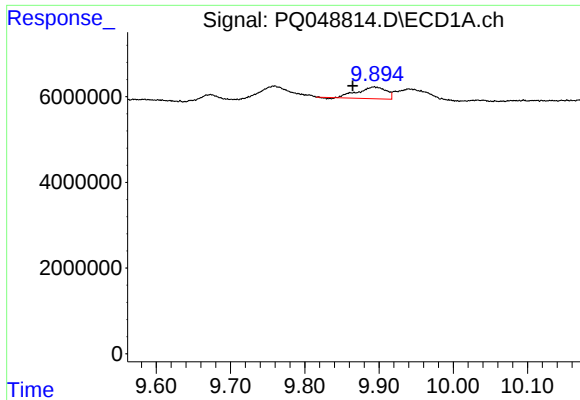
#37 AR-1262-2

R.T.: 9.524 min
Delta R.T.: -0.004 min
Response: 9383038
Conc: 8.55 ng/ml



#37 AR-1262-2

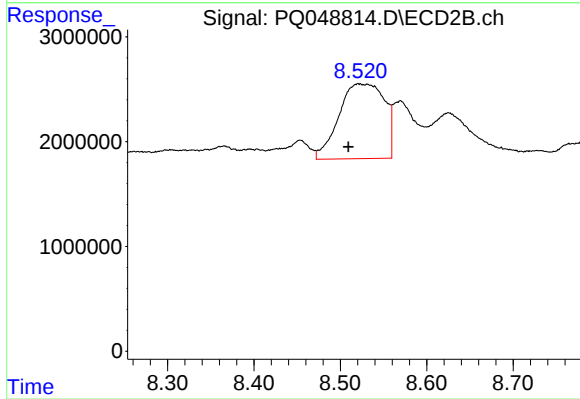
R.T.: 8.220 min
Delta R.T.: -0.001 min
Response: 5837434
Conc: 8.00 ng/ml



#38 AR-1262-3

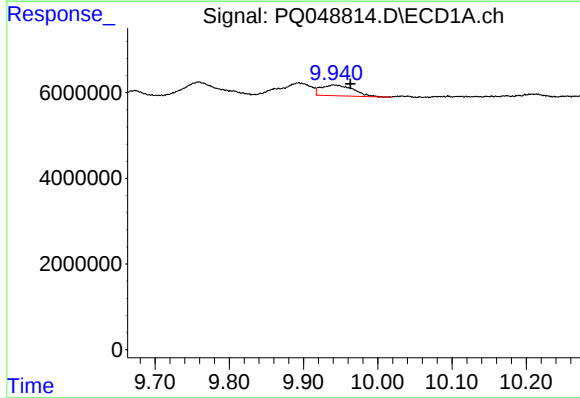
R.T.: 9.894 min
Delta R.T.: 0.029 min
Response: 7232264
Conc: 14.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



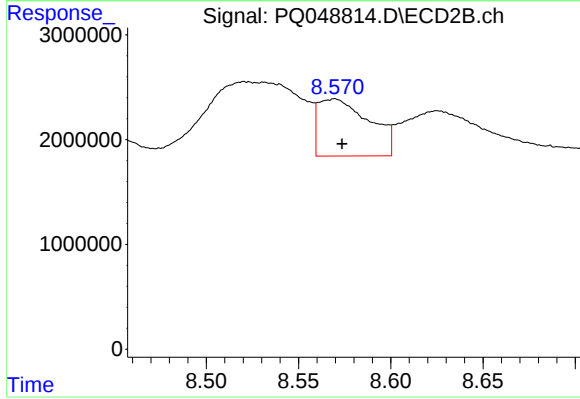
#38 AR-1262-3

R.T.: 8.521 min
Delta R.T.: 0.012 min
Response: 26210005
Conc: 96.21 ng/ml



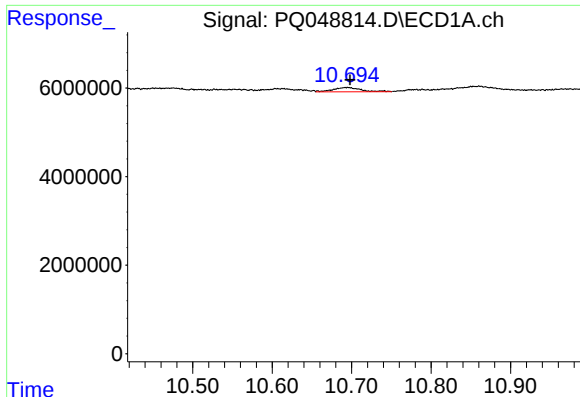
#39 AR-1262-4

R.T.: 9.941 min
Delta R.T.: -0.022 min
Response: 7544355
Conc: 12.92 ng/ml



#39 AR-1262-4

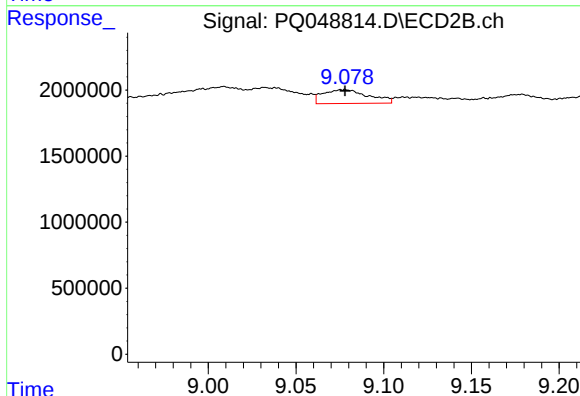
R.T.: 8.570 min
Delta R.T.: -0.004 min
Response: 10479436
Conc: 20.20 ng/ml



#40 AR-1262-5

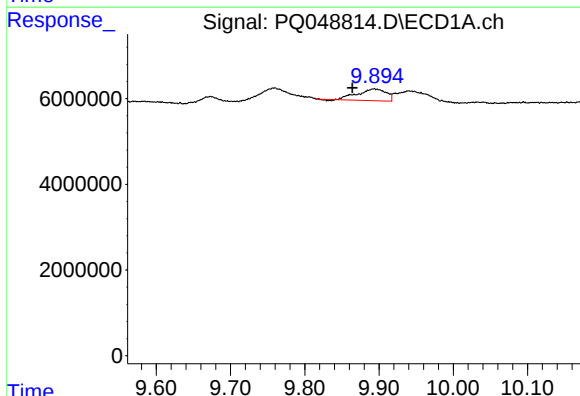
R.T.: 10.695 min
Delta R.T.: -0.003 min
Response: 2273944
Conc: 5.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



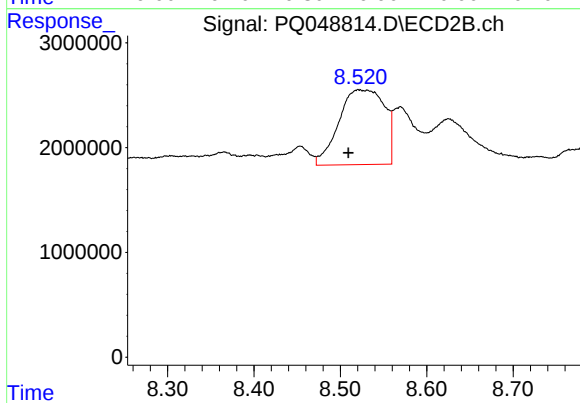
#40 AR-1262-5

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 1880920
Conc: 8.09 ng/ml



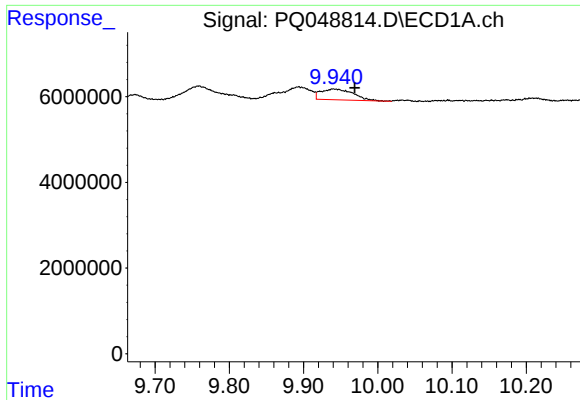
#41 AR-1268-1

R.T.: 9.894 min
Delta R.T.: 0.030 min
Response: 7232264
Conc: 5.07 ng/ml



#41 AR-1268-1

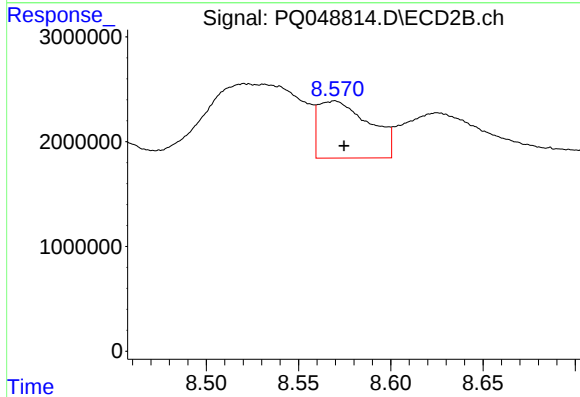
R.T.: 8.521 min
Delta R.T.: 0.012 min
Response: 26210005
Conc: 29.45 ng/ml



#42 AR-1268-2

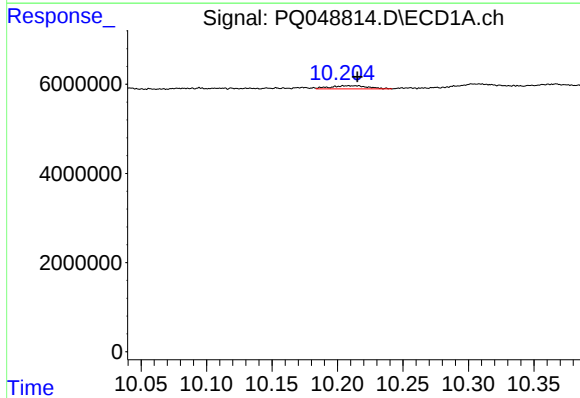
R.T.: 9.941 min
Delta R.T.: -0.028 min
Response: 7544355
Conc: 5.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



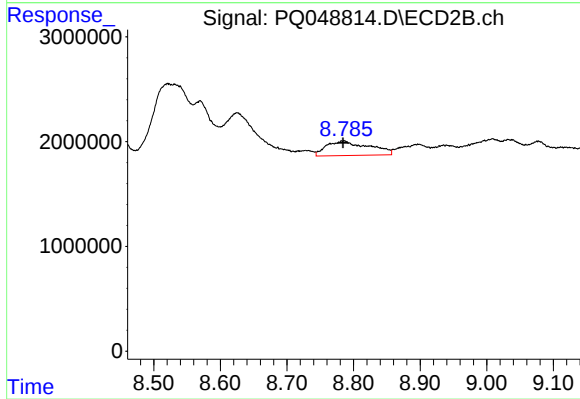
#42 AR-1268-2

R.T.: 8.570 min
Delta R.T.: -0.005 min
Response: 10479436
Conc: 12.74 ng/ml



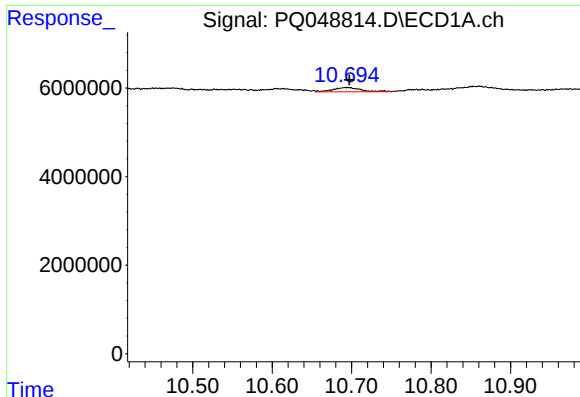
#43 AR-1268-3

R.T.: 10.209 min
Delta R.T.: -0.006 min
Response: 1407350
Conc: 1.20 ng/ml



#43 AR-1268-3

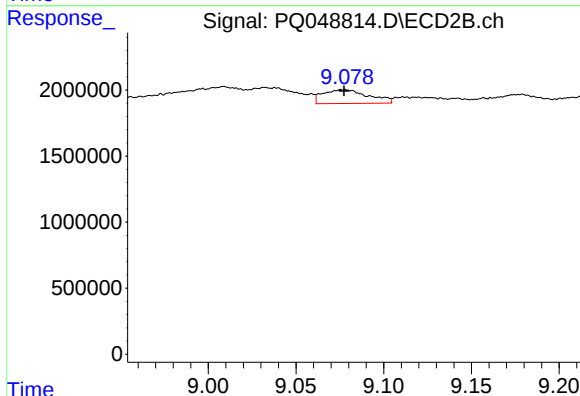
R.T.: 8.786 min
Delta R.T.: 0.002 min
Response: 6146928
Conc: 9.08 ng/ml



#44 AR-1268-4

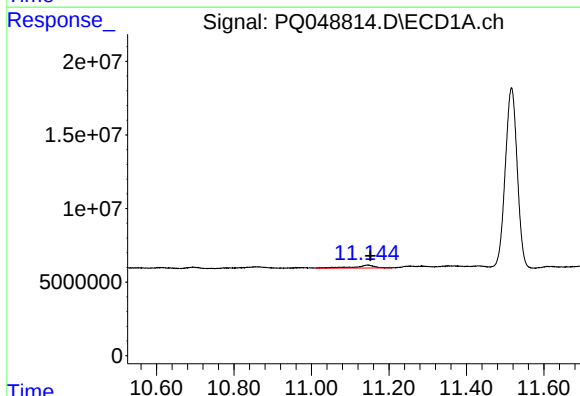
R.T.: 10.695 min
Delta R.T.: -0.003 min
Response: 2273944
Conc: 4.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



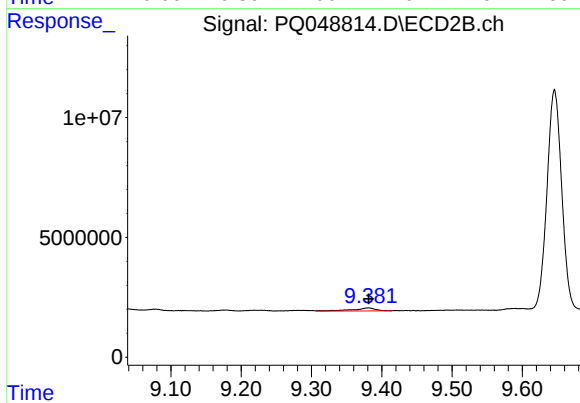
#44 AR-1268-4

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 1880920
Conc: 6.60 ng/ml



#45 AR-1268-5

R.T.: 11.145 min
Delta R.T.: -0.007 min
Response: 7048457
Conc: 1.82 ng/ml



#45 AR-1268-5

R.T.: 9.381 min
Delta R.T.: 0.000 min
Response: 2809266
Conc: 1.31 ng/ml