

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100621\
 Data File : PQ054876.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Oct 2021 01:40
 Operator : AJ\MA
 Sample : M4077-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 02:11:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 15 05:25:53 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...	5.195	4.202	524.1E6	257.6E6	21.948	19.483
2)	SA Decachlor...	11.354	9.523	402.0E6	320.0E6	23.820	23.614
Target Compounds							
3)	L1 AR-1016-1	6.520	5.461	27314396	15669053	33.114	34.525
4)	L1 AR-1016-2	6.545	5.481	50813792	16125639	41.656	22.722 #
5)	L1 AR-1016-3	6.612	5.674	25263639	6519645	33.370	19.037 #
6)	L1 AR-1016-4	6.720	5.713f	24533233	14420789	39.678	51.920 #
7)	L1 AR-1016-5	7.031	0.000	21926957	0	38.594	N.D. #
8)	L2 AR-1221-1	5.474f	0.000	2072337	0	8.044	N.D. #
9)	L2 AR-1221-2	5.551	4.559	7073684	3041594	37.005	31.924
10)	L2 AR-1221-3	5.636	0.000	9279854	0	15.483	N.D. #
11)	L3 AR-1232-1	5.636	0.000	9279854	0	20.055	N.D. #
12)	L3 AR-1232-2	0.000	5.481	0	16125639	N.D.	51.943 #
13)	L3 AR-1232-3	6.545	5.674	50813792	6519645	96.640	45.243 #
14)	L3 AR-1232-4	6.720	5.765	24533233	5067053	91.828	40.113 #
15)	L3 AR-1232-5	6.807	0.000	22257230	0	110.078	N.D. #
16)	L4 AR-1242-1	6.520	5.461	27314396	15669053	46.370	48.573
17)	L4 AR-1242-2	6.545	5.481	50813792	16125639	56.634	31.642 #
18)	L4 AR-1242-3	6.612	5.674	25263639	6519645	44.957	25.390 #
19)	L4 AR-1242-4	6.720	5.765	24533233	5067053	53.627	20.021 #
20)	L4 AR-1242-5	7.499	6.332	36130547	31486614	77.164	88.625
21)	L5 AR-1248-1	6.520	5.461	27314396	15669053	54.574	59.887
22)	L5 AR-1248-2	6.807	5.713f	22257230	14420789	34.258	40.488
23)	L5 AR-1248-3	7.031	5.765	21926957	5067053	30.661	14.249 #
24)	L5 AR-1248-4	7.462	0.000	37378371	0	47.249	N.D. #
25)	L5 AR-1248-5	7.499	6.377	36130547	21599387	45.025	50.416
26)	L6 AR-1254-1	7.436	6.332	50321815	31486614	57.769	41.331 #
27)	L6 AR-1254-2	7.661	6.490	50183032	29253854	37.517	41.804
28)	L6 AR-1254-3	8.039	6.910	34160794	47161741	24.528	42.780 #
29)	L6 AR-1254-4	8.333	7.151	22907691	32645416	21.503	43.175 #
30)	L6 AR-1254-5	8.783	7.576	147.3E6	21315254	128.189	19.260 #
31)	L7 AR-1260-1	8.209	7.046	30149518	30773476	30.381	40.978 #
32)	L7 AR-1260-2	8.465	7.242	49575415	28177616	42.131	27.227 #
33)	L7 AR-1260-3	0.000	7.399	0	49249994	N.D.	55.703 #
34)	L7 AR-1260-4	9.070	7.917f	6210447	2369680	6.649	3.425 #
35)	L7 AR-1260-5	0.000	8.124	0	8598252	N.D.	4.499 #
36)	L8 AR-1262-1	0.000	7.576	0	21315254	N.D.	41.254 #
37)	L8 AR-1262-2	0.000	8.124	0	8598252	N.D.	3.882 #
38)	L8 AR-1262-3	0.000	8.413	0	2765707	N.D.	3.117 #
39)	L8 AR-1262-4	0.000	8.473	0	4944065	N.D.	3.251 #
41)	L9 AR-1268-1	0.000	8.413	0	2765707	N.D.	1.019 #
42)	L9 AR-1268-2	0.000	8.473f	0	4944065	N.D.	2.146 #

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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 02:11:43 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091421.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 15 05:25:53 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

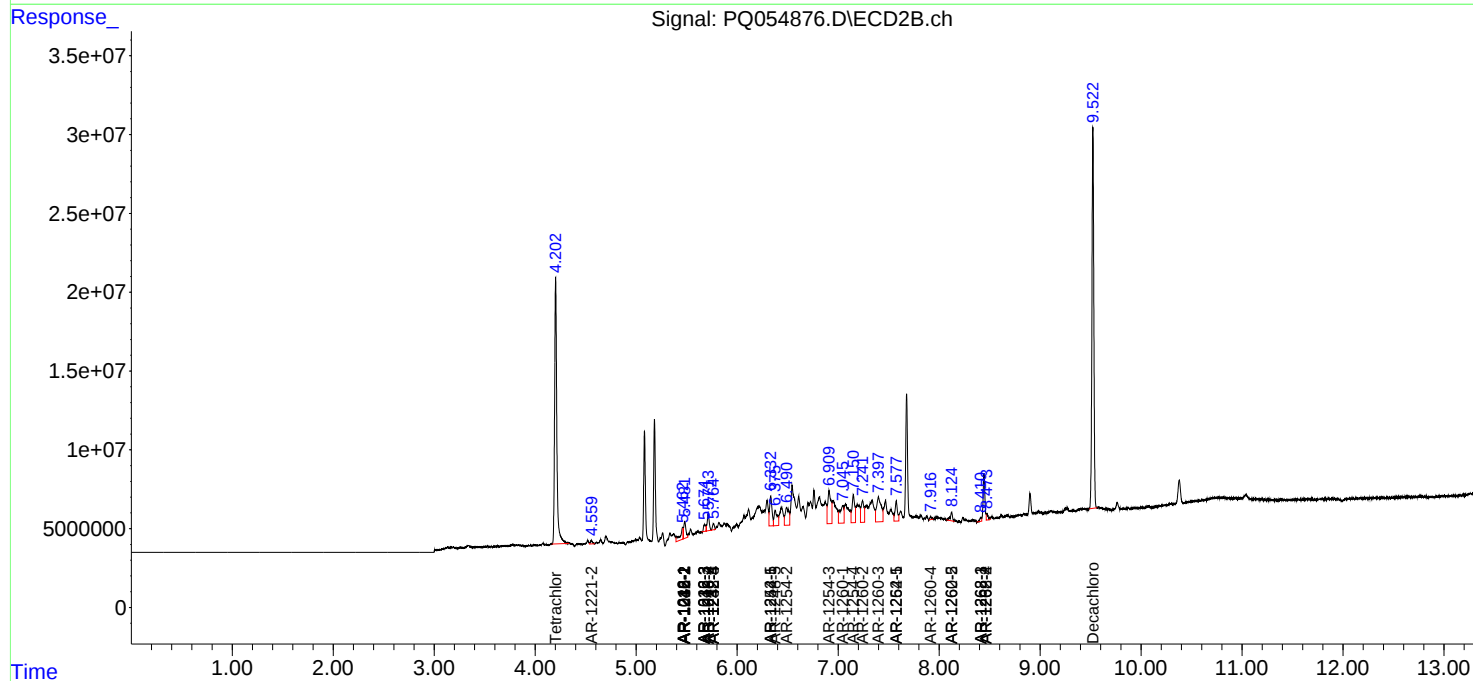
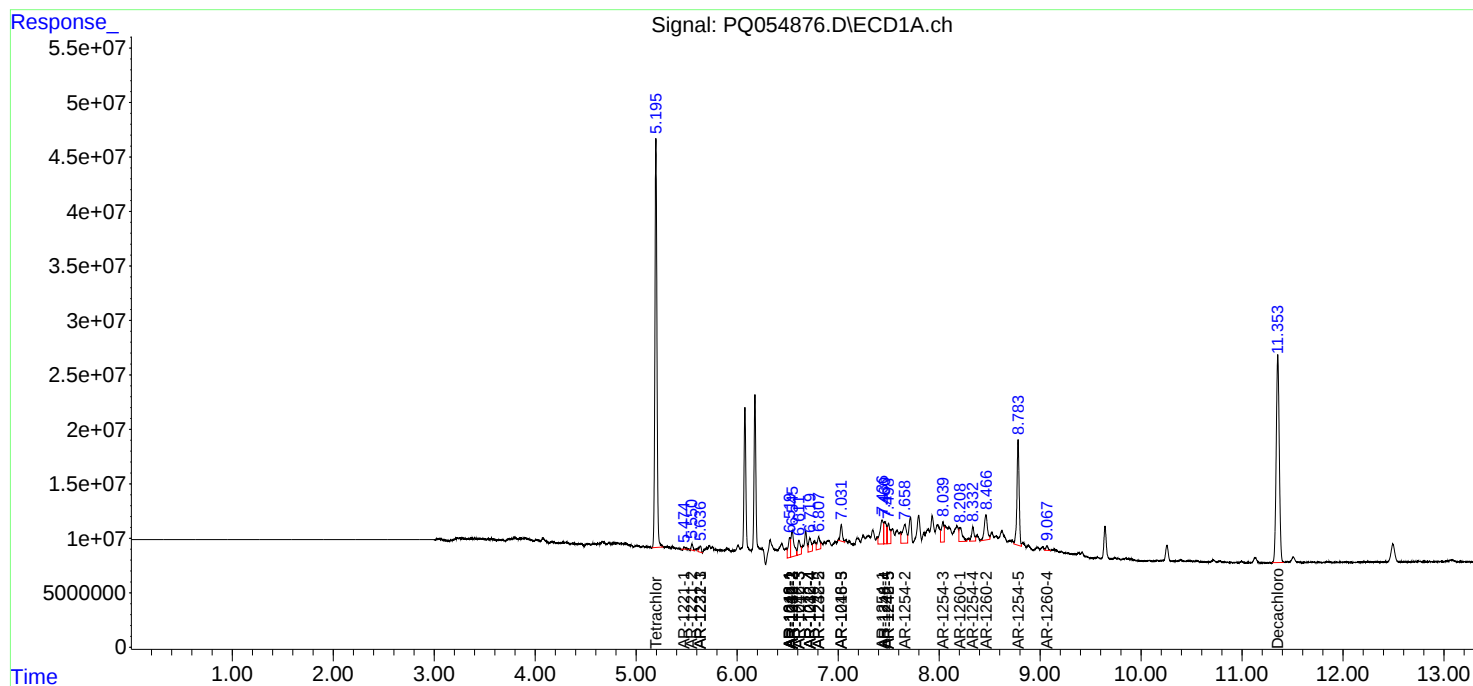
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

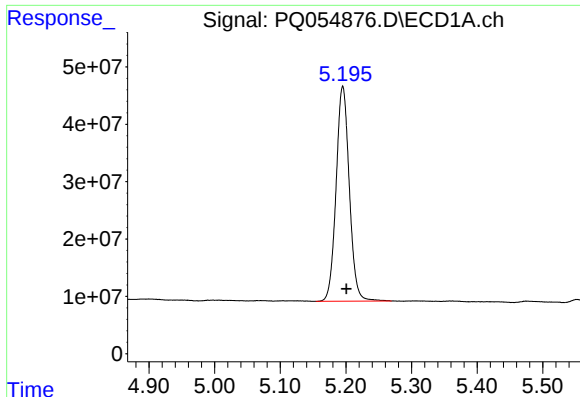
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100621\
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

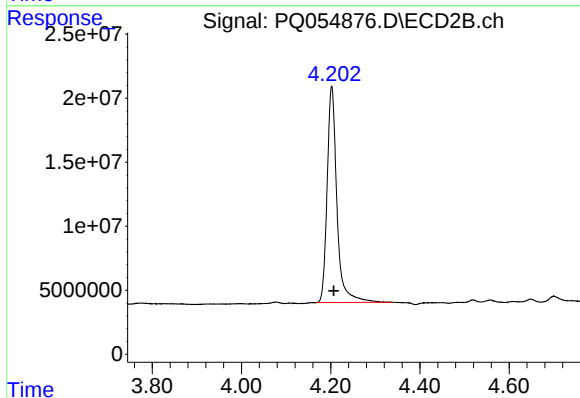




#1 Tetrachloro-m-xylene

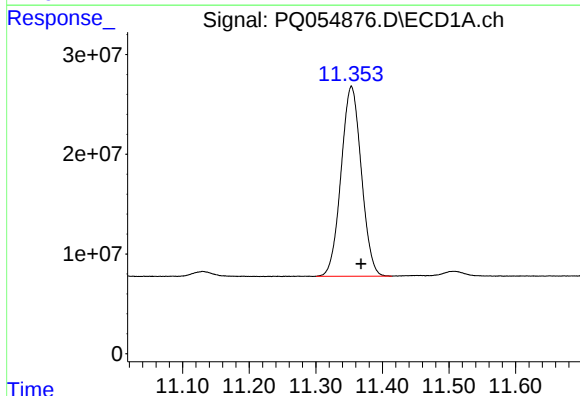
R.T.: 5.195 min
Delta R.T.: -0.006 min
Response: 524145470
Conc: 21.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



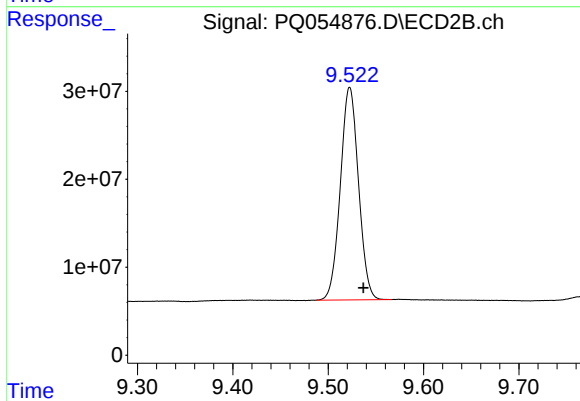
#1 Tetrachloro-m-xylene

R.T.: 4.202 min
Delta R.T.: -0.005 min
Response: 257562265
Conc: 19.48 ng/ml



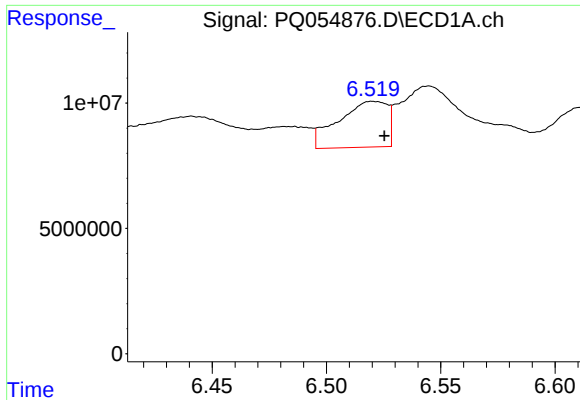
#2 Decachlorobiphenyl

R.T.: 11.354 min
Delta R.T.: -0.014 min
Response: 402033184
Conc: 23.82 ng/ml



#2 Decachlorobiphenyl

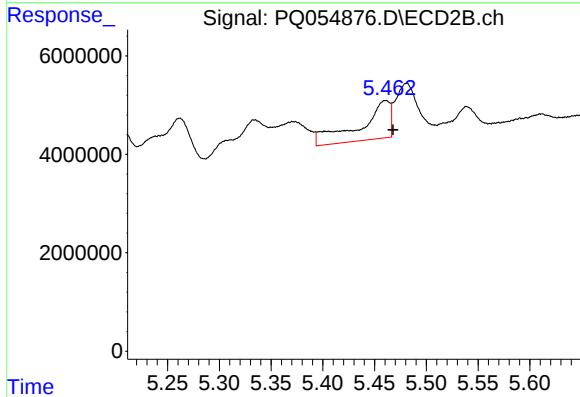
R.T.: 9.523 min
Delta R.T.: -0.014 min
Response: 320011982
Conc: 23.61 ng/ml



#3 AR-1016-1

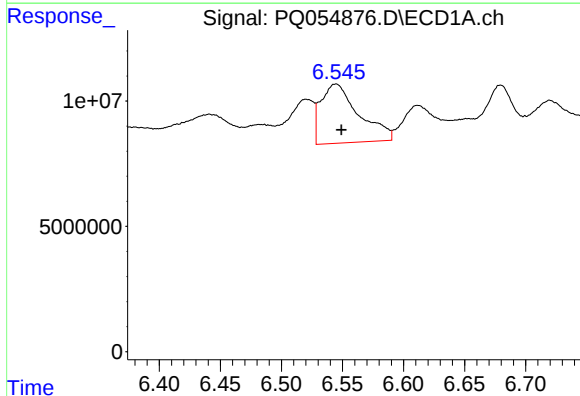
R.T.: 6.520 min
Delta R.T.: -0.005 min
Response: 27314396
Conc: 33.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



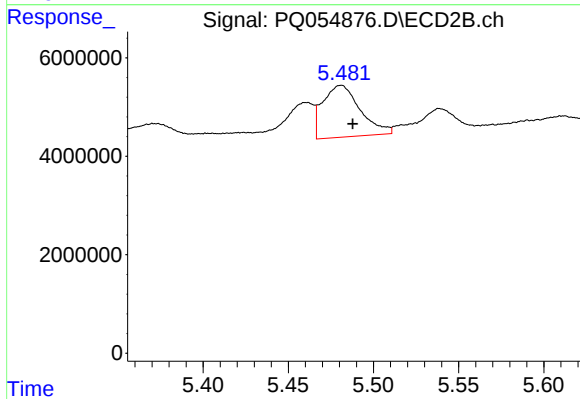
#3 AR-1016-1

R.T.: 5.461 min
Delta R.T.: -0.007 min
Response: 15669053
Conc: 34.53 ng/ml



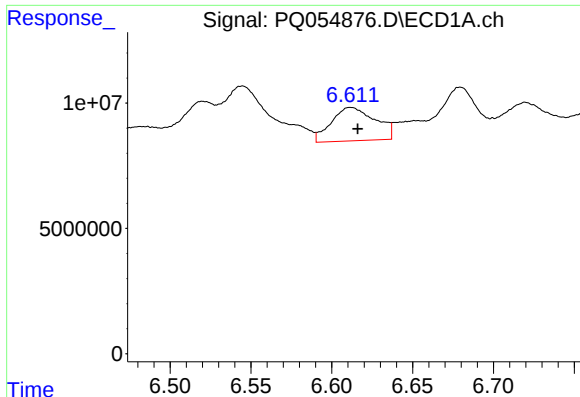
#4 AR-1016-2

R.T.: 6.545 min
Delta R.T.: -0.004 min
Response: 50813792
Conc: 41.66 ng/ml



#4 AR-1016-2

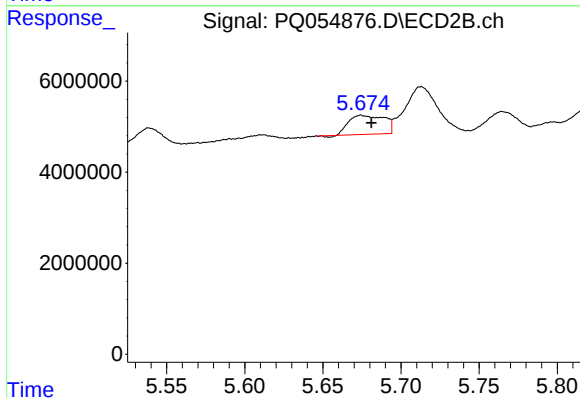
R.T.: 5.481 min
Delta R.T.: -0.007 min
Response: 16125639
Conc: 22.72 ng/ml



#5 AR-1016-3

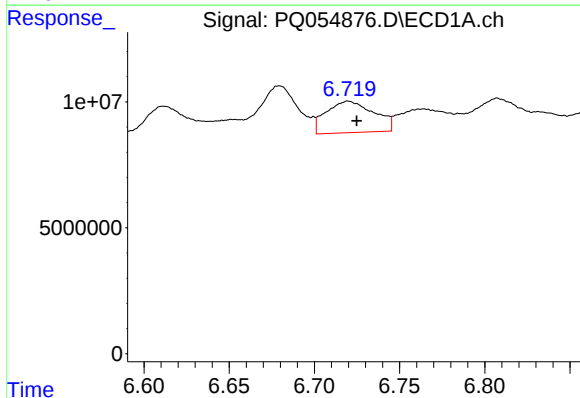
R.T.: 6.612 min
Delta R.T.: -0.005 min
Response: 25263639
Conc: 33.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



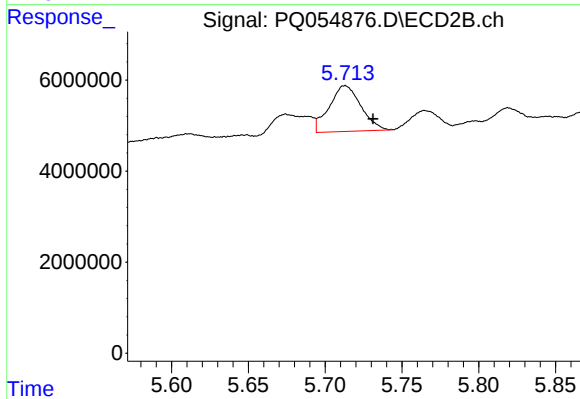
#5 AR-1016-3

R.T.: 5.674 min
Delta R.T.: -0.007 min
Response: 6519645
Conc: 19.04 ng/ml



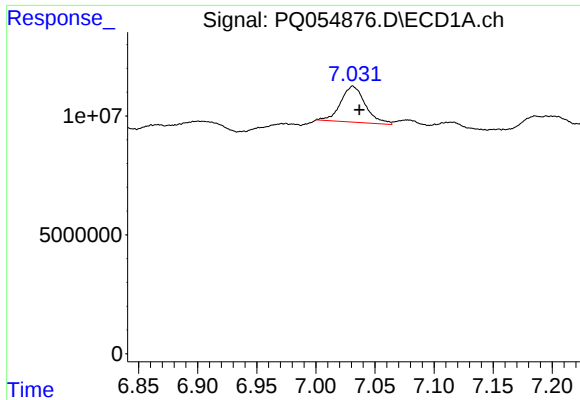
#6 AR-1016-4

R.T.: 6.720 min
Delta R.T.: -0.005 min
Response: 24533233
Conc: 39.68 ng/ml



#6 AR-1016-4

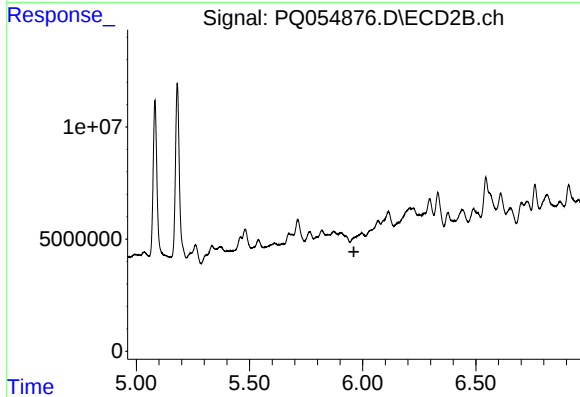
R.T.: 5.713 min
Delta R.T.: -0.018 min
Response: 14420789
Conc: 51.92 ng/ml



#7 AR-1016-5

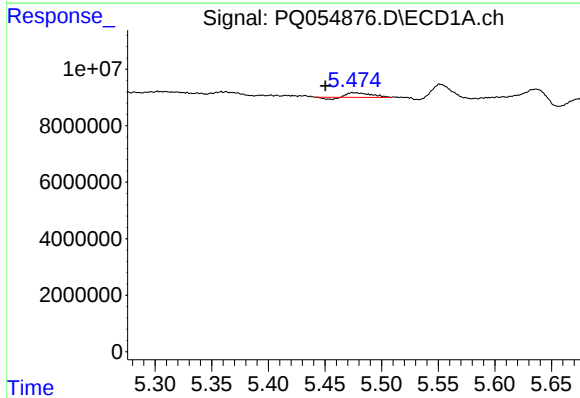
R.T.: 7.031 min
Delta R.T.: -0.006 min
Response: 21926957
Conc: 38.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



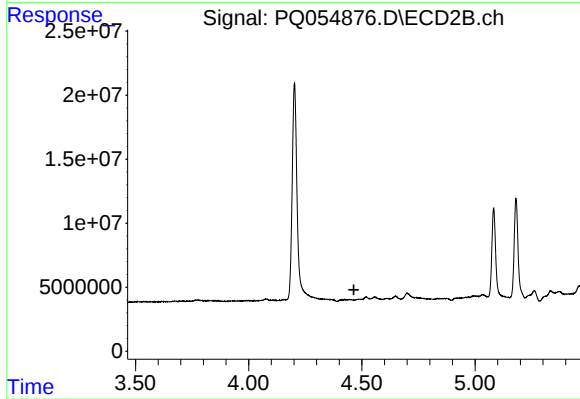
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.961 min
Response: 0
Conc: N.D.



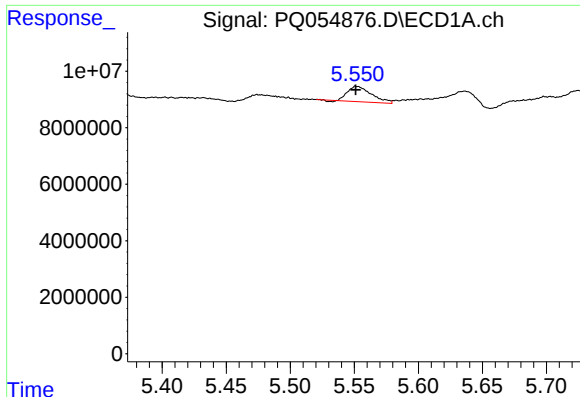
#8 AR-1221-1

R.T.: 5.474 min
Delta R.T.: 0.024 min
Response: 2072337
Conc: 8.04 ng/ml



#8 AR-1221-1

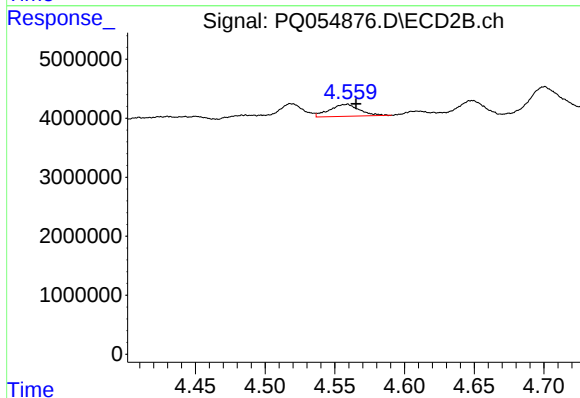
R.T.: 0.000 min
Exp R.T. : 4.465 min
Response: 0
Conc: N.D.



#9 AR-1221-2

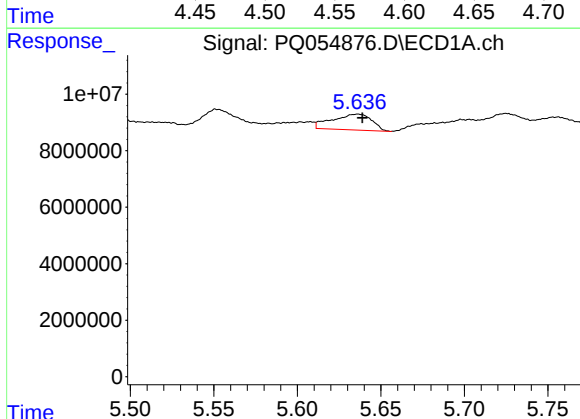
R.T.: 5.551 min
Delta R.T.: 0.000 min
Response: 7073684
Conc: 37.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



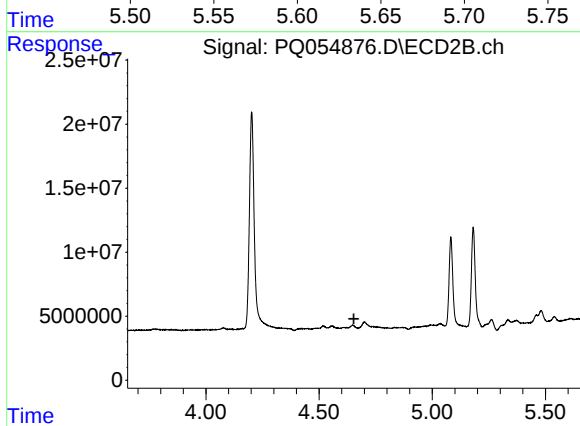
#9 AR-1221-2

R.T.: 4.559 min
Delta R.T.: -0.007 min
Response: 3041594
Conc: 31.92 ng/ml



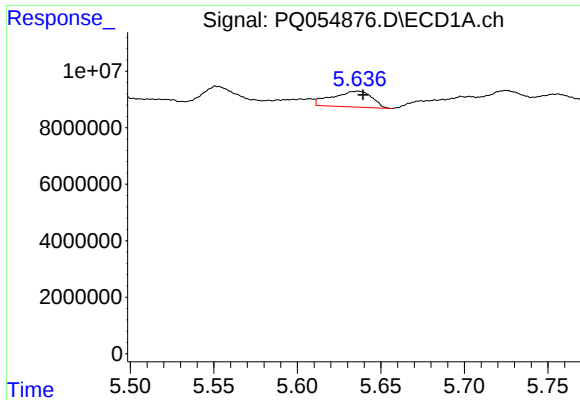
#10 AR-1221-3

R.T.: 5.636 min
Delta R.T.: -0.003 min
Response: 9279854
Conc: 15.48 ng/ml



#10 AR-1221-3

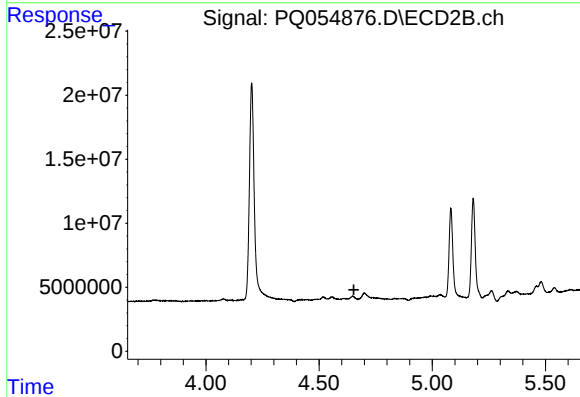
R.T.: 0.000 min
Exp R.T.: 4.654 min
Response: 0
Conc: N.D.



#11 AR-1232-1

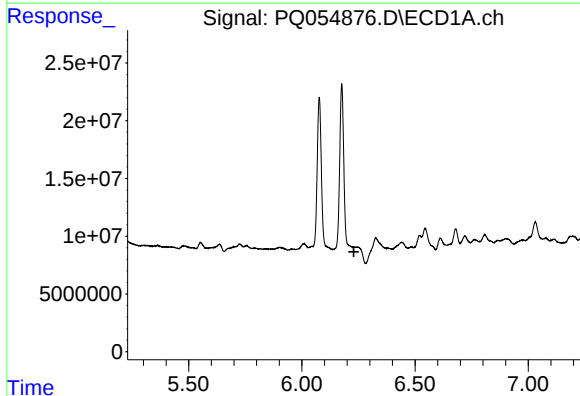
R.T.: 5.636 min
Delta R.T.: -0.003 min
Response: 9279854
Conc: 20.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



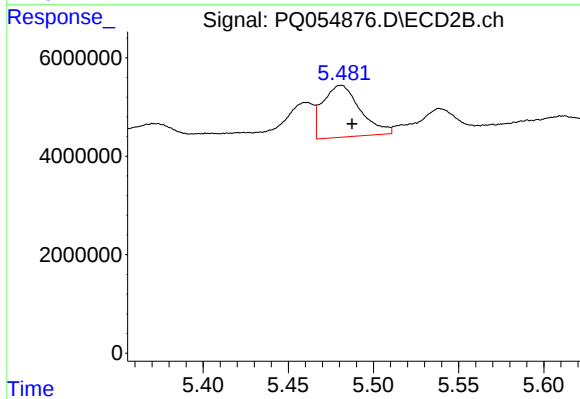
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.654 min
Response: 0
Conc: N.D.



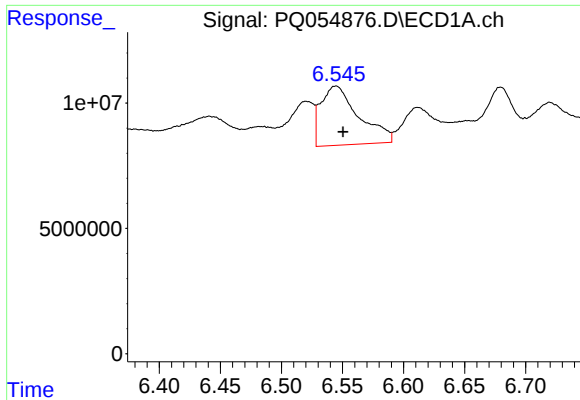
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.230 min
Response: 0
Conc: N.D.



#12 AR-1232-2

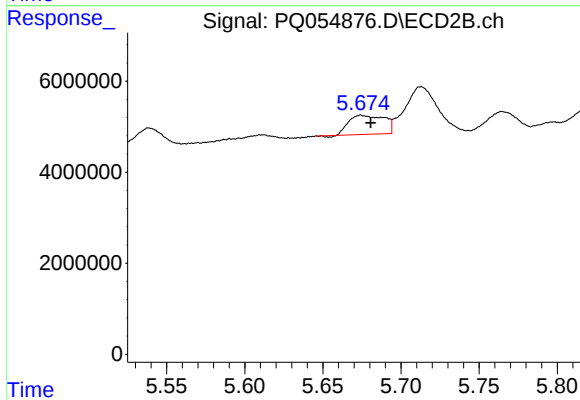
R.T.: 5.481 min
Delta R.T.: -0.007 min
Response: 16125639
Conc: 51.94 ng/ml



#13 AR-1232-3

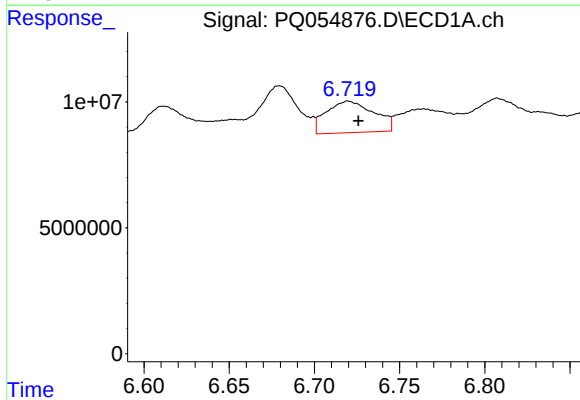
R.T.: 6.545 min
Delta R.T.: -0.005 min
Response: 50813792
Conc: 96.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



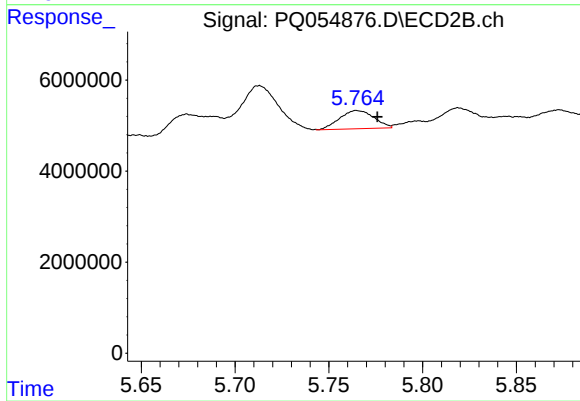
#13 AR-1232-3

R.T.: 5.674 min
Delta R.T.: -0.006 min
Response: 6519645
Conc: 45.24 ng/ml



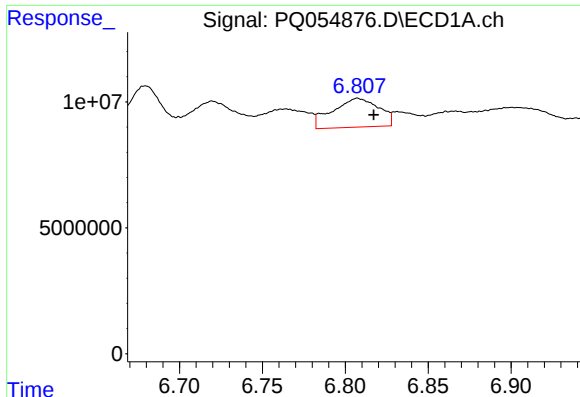
#14 AR-1232-4

R.T.: 6.720 min
Delta R.T.: -0.006 min
Response: 24533233
Conc: 91.83 ng/ml



#14 AR-1232-4

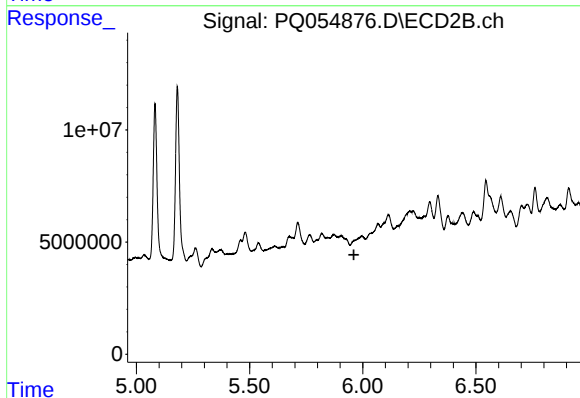
R.T.: 5.765 min
Delta R.T.: -0.011 min
Response: 5067053
Conc: 40.11 ng/ml



#15 AR-1232-5

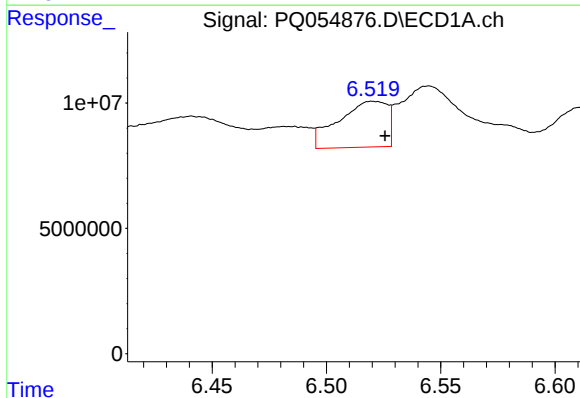
R.T.: 6.807 min
Delta R.T.: -0.010 min
Response: 22257230
Conc: 110.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



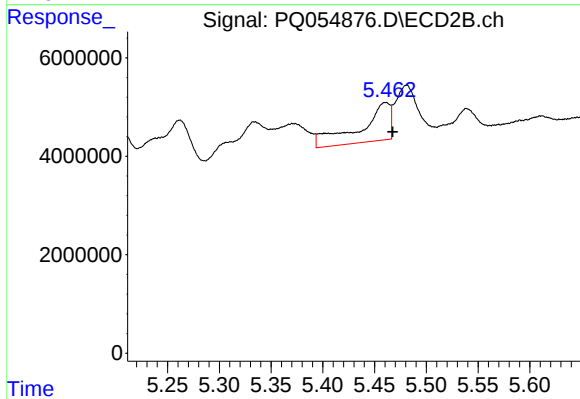
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.961 min
Response: 0
Conc: N.D.



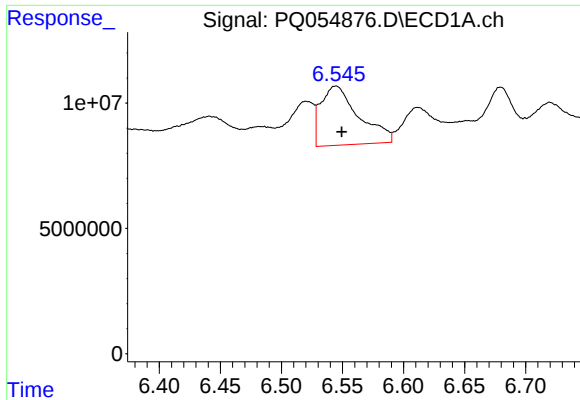
#16 AR-1242-1

R.T.: 6.520 min
Delta R.T.: -0.006 min
Response: 27314396
Conc: 46.37 ng/ml



#16 AR-1242-1

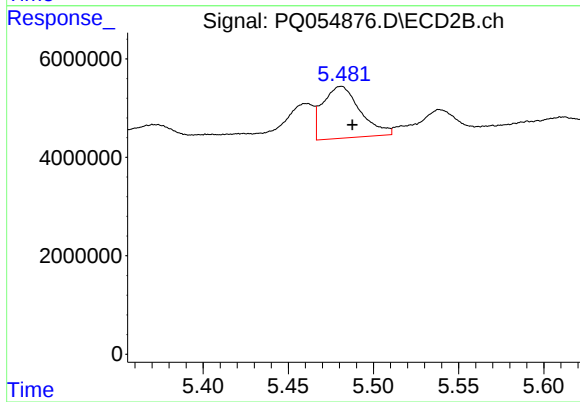
R.T.: 5.461 min
Delta R.T.: -0.007 min
Response: 15669053
Conc: 48.57 ng/ml



#17 AR-1242-2

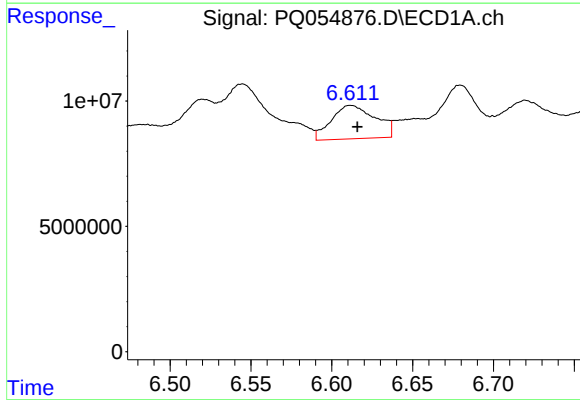
R.T.: 6.545 min
Delta R.T.: -0.004 min
Response: 50813792
Conc: 56.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



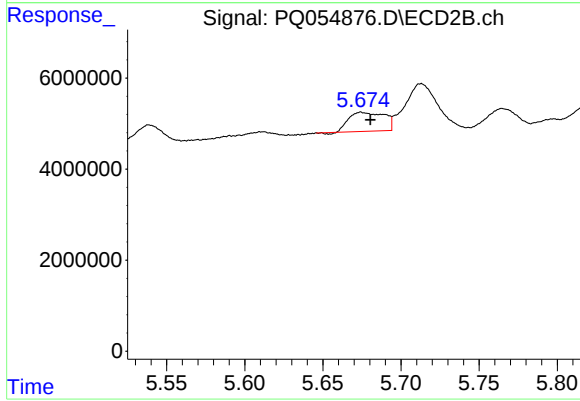
#17 AR-1242-2

R.T.: 5.481 min
Delta R.T.: -0.007 min
Response: 16125639
Conc: 31.64 ng/ml



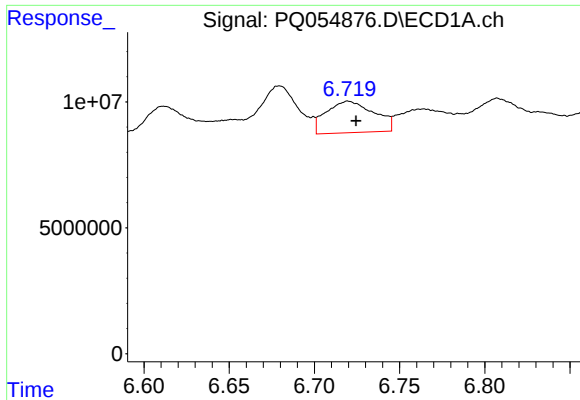
#18 AR-1242-3

R.T.: 6.612 min
Delta R.T.: -0.004 min
Response: 25263639
Conc: 44.96 ng/ml



#18 AR-1242-3

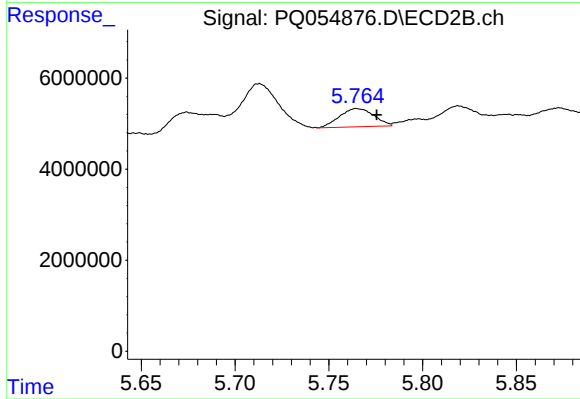
R.T.: 5.674 min
Delta R.T.: -0.006 min
Response: 6519645
Conc: 25.39 ng/ml



#19 AR-1242-4

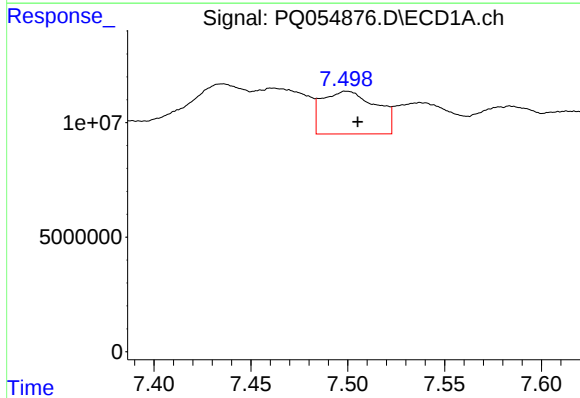
R.T.: 6.720 min
Delta R.T.: -0.005 min
Response: 24533233
Conc: 53.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



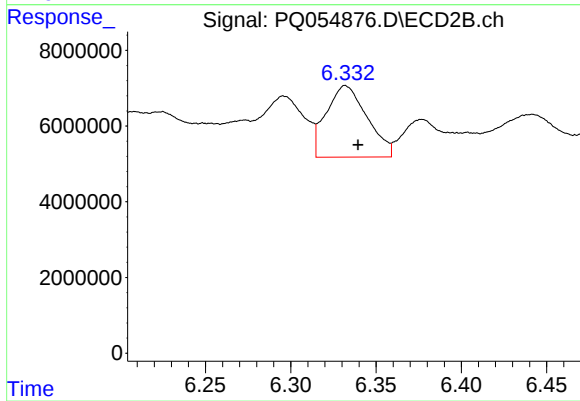
#19 AR-1242-4

R.T.: 5.765 min
Delta R.T.: -0.011 min
Response: 5067053
Conc: 20.02 ng/ml



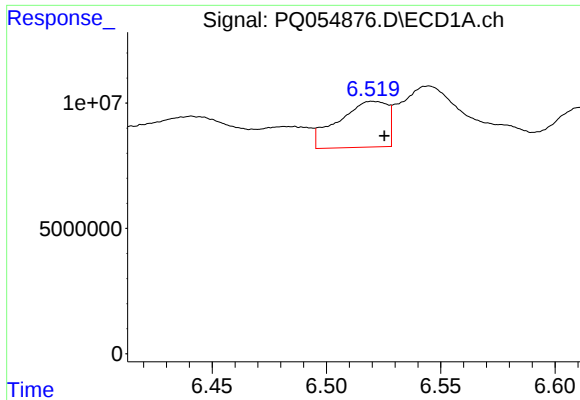
#20 AR-1242-5

R.T.: 7.499 min
Delta R.T.: -0.006 min
Response: 36130547
Conc: 77.16 ng/ml



#20 AR-1242-5

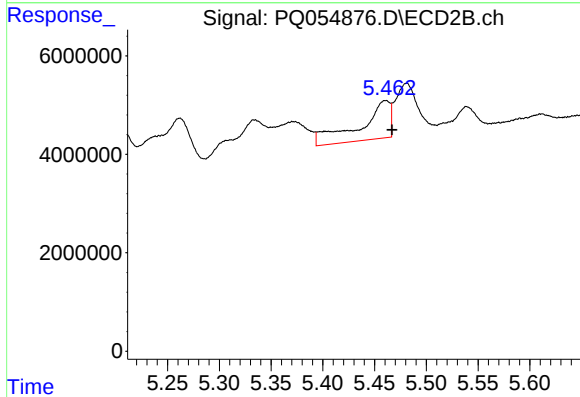
R.T.: 6.332 min
Delta R.T.: -0.007 min
Response: 31486614
Conc: 88.63 ng/ml



#21 AR-1248-1

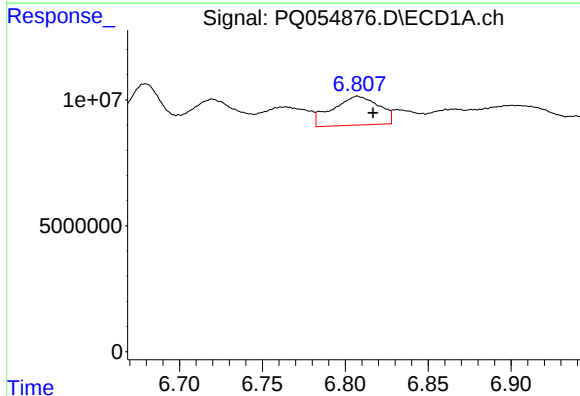
R.T.: 6.520 min
Delta R.T.: -0.005 min
Response: 27314396
Conc: 54.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



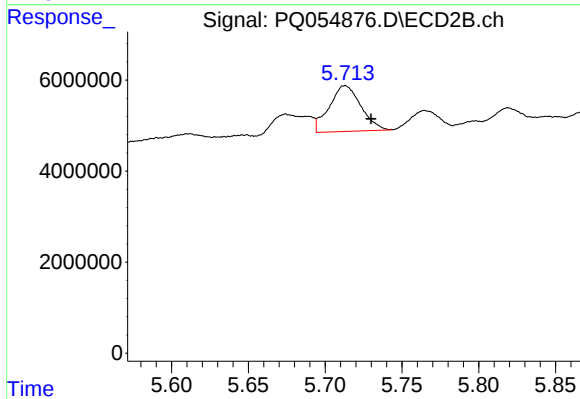
#21 AR-1248-1

R.T.: 5.461 min
Delta R.T.: -0.006 min
Response: 15669053
Conc: 59.89 ng/ml



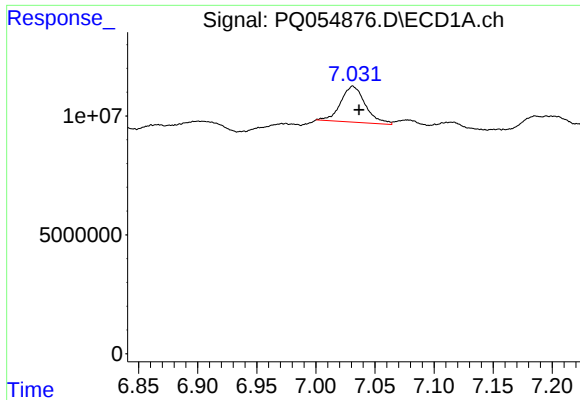
#22 AR-1248-2

R.T.: 6.807 min
Delta R.T.: -0.009 min
Response: 22257230
Conc: 34.26 ng/ml



#22 AR-1248-2

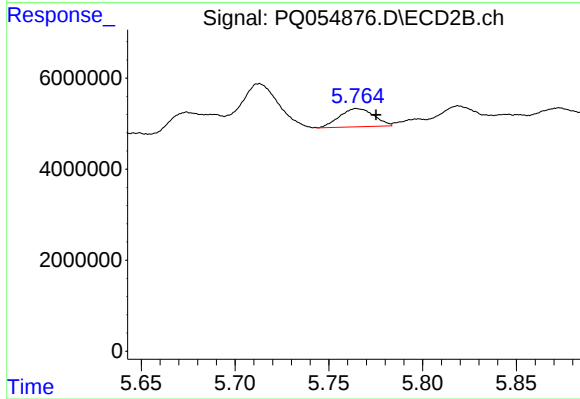
R.T.: 5.713 min
Delta R.T.: -0.017 min
Response: 14420789
Conc: 40.49 ng/ml



#23 AR-1248-3

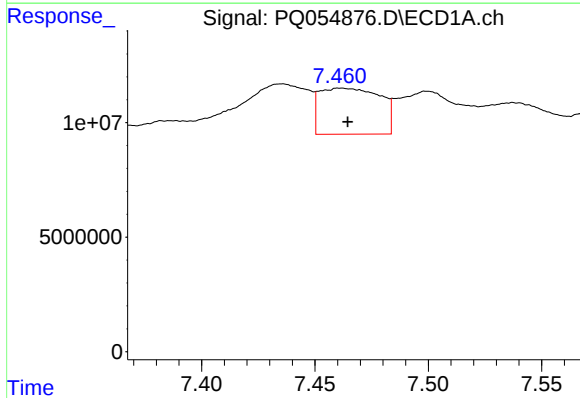
R.T.: 7.031 min
Delta R.T.: -0.005 min
Response: 21926957
Conc: 30.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



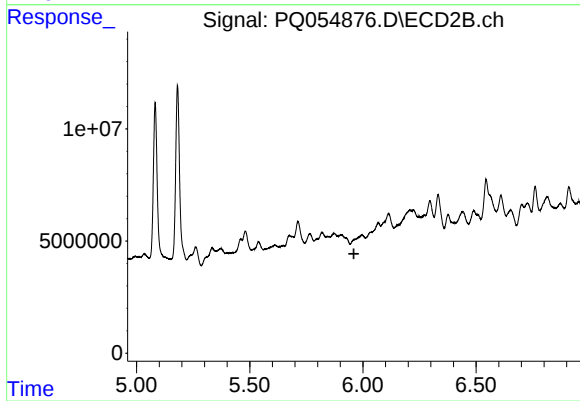
#23 AR-1248-3

R.T.: 5.765 min
Delta R.T.: -0.010 min
Response: 5067053
Conc: 14.25 ng/ml



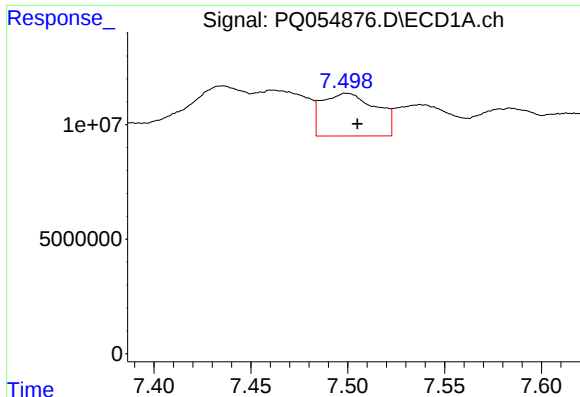
#24 AR-1248-4

R.T.: 7.462 min
Delta R.T.: -0.003 min
Response: 37378371
Conc: 47.25 ng/ml



#24 AR-1248-4

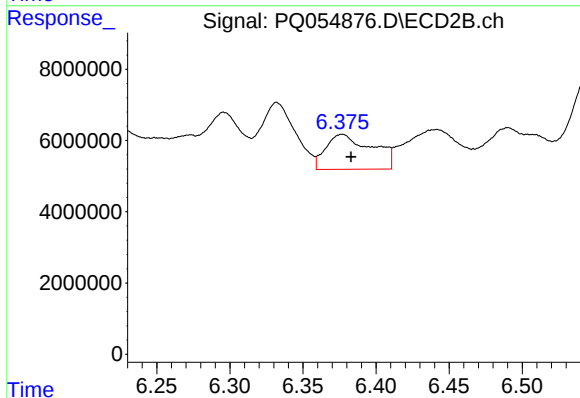
R.T.: 0.000 min
Exp R.T.: 5.960 min
Response: 0
Conc: N.D.



#25 AR-1248-5

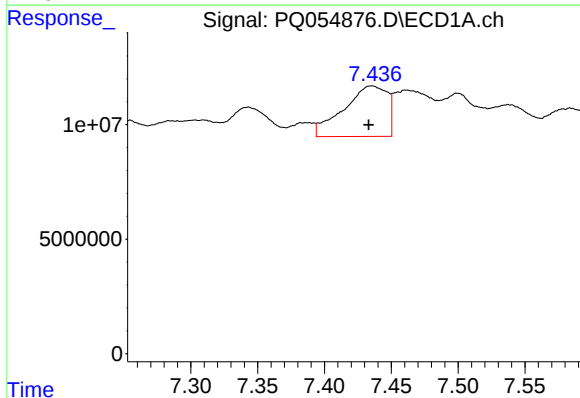
R.T.: 7.499 min
Delta R.T.: -0.006 min
Response: 36130547
Conc: 45.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



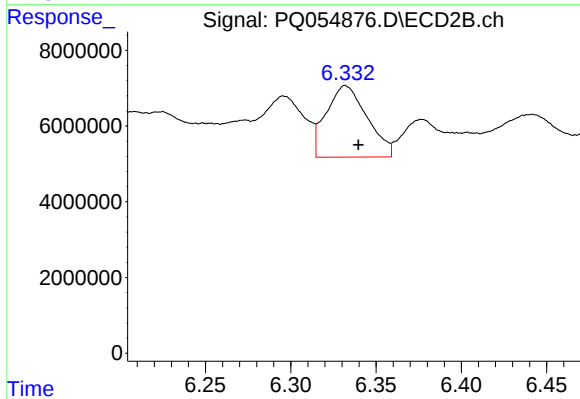
#25 AR-1248-5

R.T.: 6.377 min
Delta R.T.: -0.006 min
Response: 21599387
Conc: 50.42 ng/ml



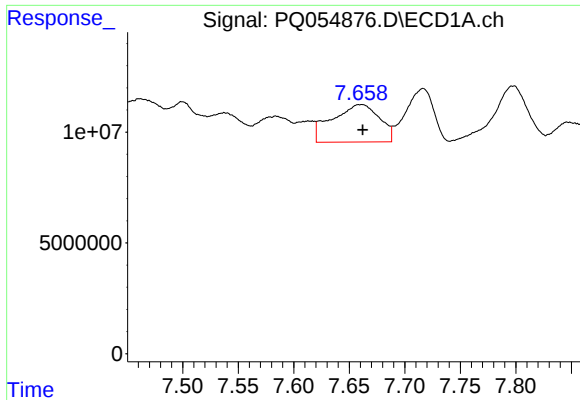
#26 AR-1254-1

R.T.: 7.436 min
Delta R.T.: 0.003 min
Response: 50321815
Conc: 57.77 ng/ml



#26 AR-1254-1

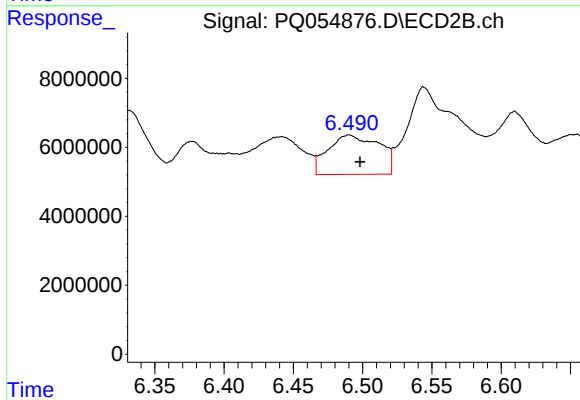
R.T.: 6.332 min
Delta R.T.: -0.008 min
Response: 31486614
Conc: 41.33 ng/ml



#27 AR-1254-2

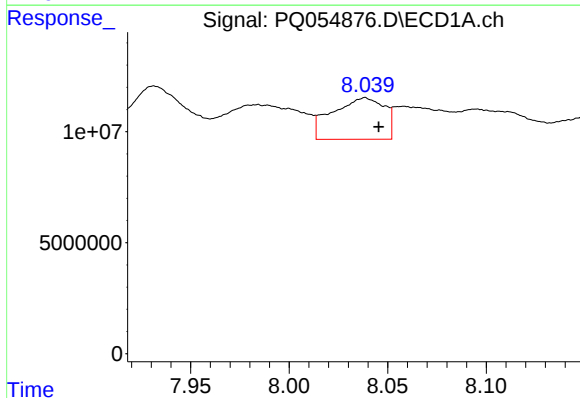
R.T.: 7.661 min
Delta R.T.: 0.000 min
Response: 50183032
Conc: 37.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



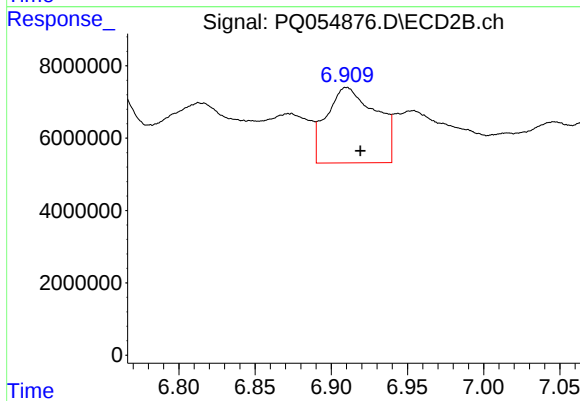
#27 AR-1254-2

R.T.: 6.490 min
Delta R.T.: -0.008 min
Response: 29253854
Conc: 41.80 ng/ml



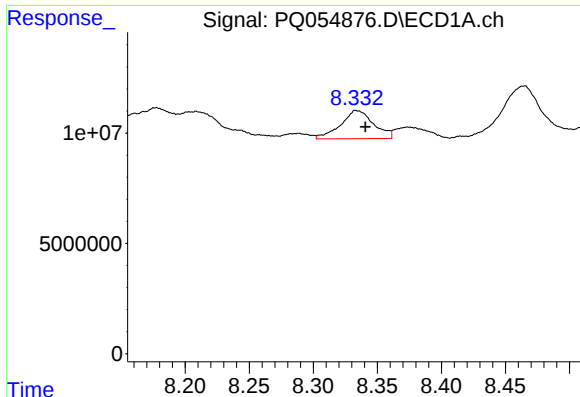
#28 AR-1254-3

R.T.: 8.039 min
Delta R.T.: -0.007 min
Response: 34160794
Conc: 24.53 ng/ml



#28 AR-1254-3

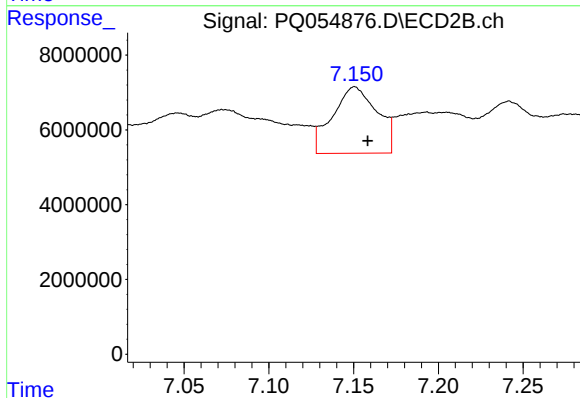
R.T.: 6.910 min
Delta R.T.: -0.009 min
Response: 47161741
Conc: 42.78 ng/ml



#29 AR-1254-4

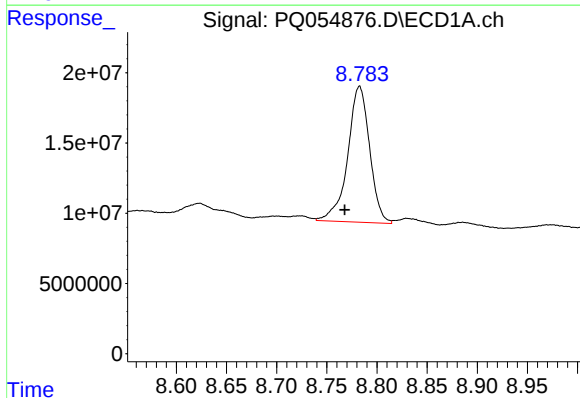
R.T.: 8.333 min
Delta R.T.: -0.008 min
Response: 22907691
Conc: 21.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



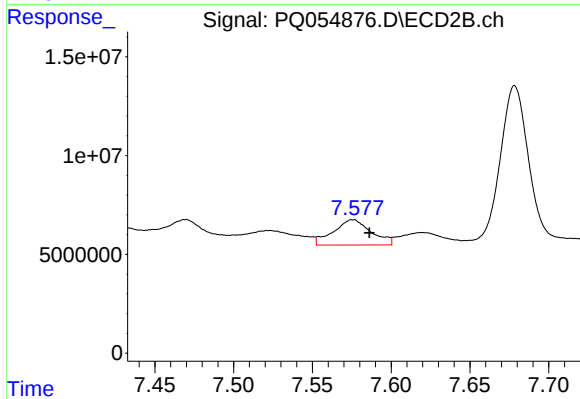
#29 AR-1254-4

R.T.: 7.151 min
Delta R.T.: -0.008 min
Response: 32645416
Conc: 43.18 ng/ml



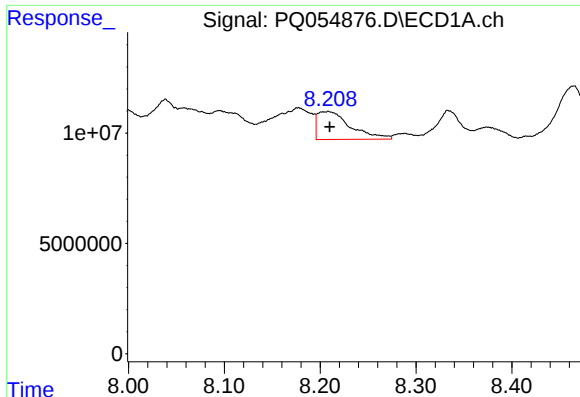
#30 AR-1254-5

R.T.: 8.783 min
Delta R.T.: 0.015 min
Response: 147325427
Conc: 128.19 ng/ml



#30 AR-1254-5

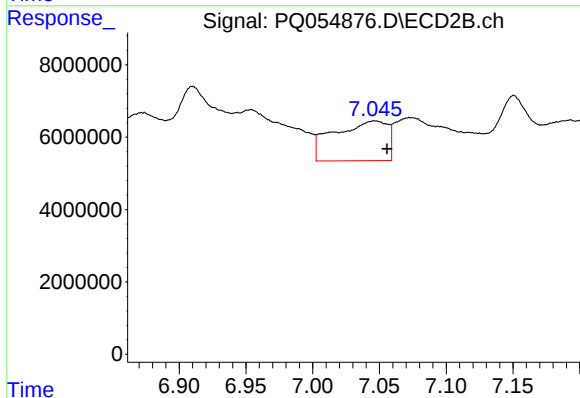
R.T.: 7.576 min
Delta R.T.: -0.010 min
Response: 21315254
Conc: 19.26 ng/ml



#31 AR-1260-1

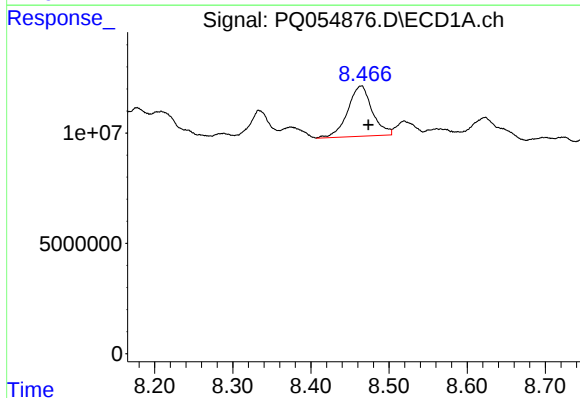
R.T.: 8.209 min
Delta R.T.: -0.002 min
Response: 30149518
Conc: 30.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



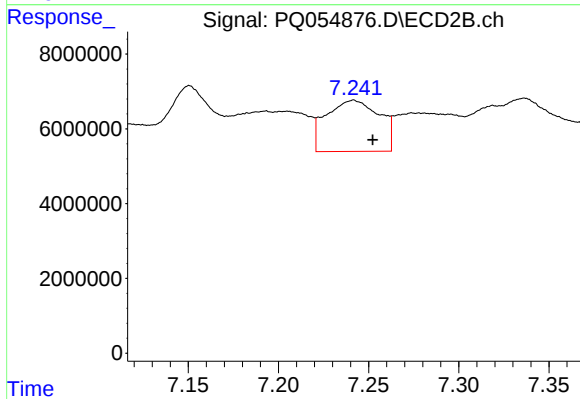
#31 AR-1260-1

R.T.: 7.046 min
Delta R.T.: -0.009 min
Response: 30773476
Conc: 40.98 ng/ml



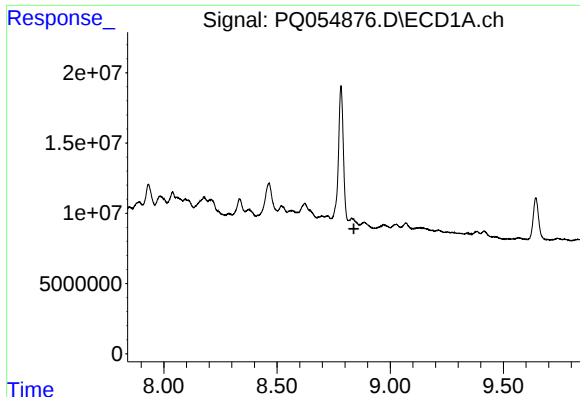
#32 AR-1260-2

R.T.: 8.465 min
Delta R.T.: -0.008 min
Response: 49575415
Conc: 42.13 ng/ml



#32 AR-1260-2

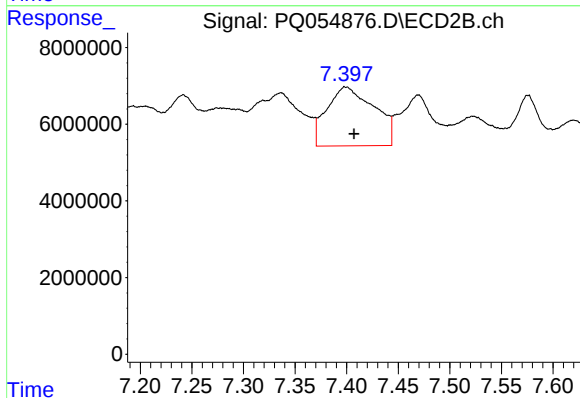
R.T.: 7.242 min
Delta R.T.: -0.011 min
Response: 28177616
Conc: 27.23 ng/ml



#33 AR-1260-3

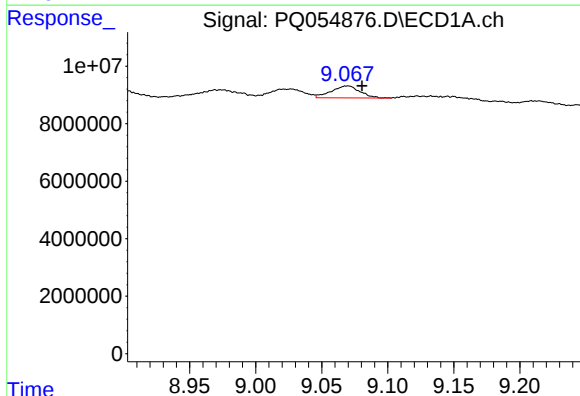
R.T.: 0.000 min
Exp R.T.: 8.839 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



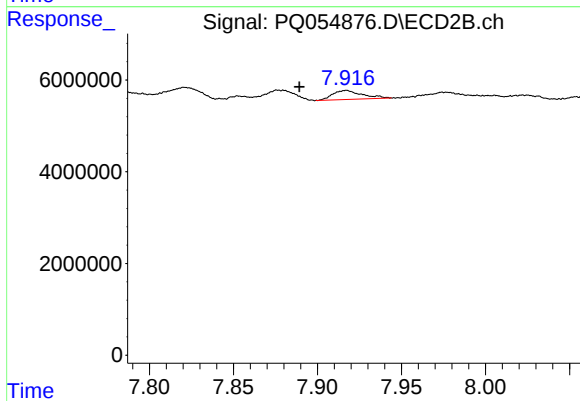
#33 AR-1260-3

R.T.: 7.399 min
Delta R.T.: -0.008 min
Response: 49249994
Conc: 55.70 ng/ml



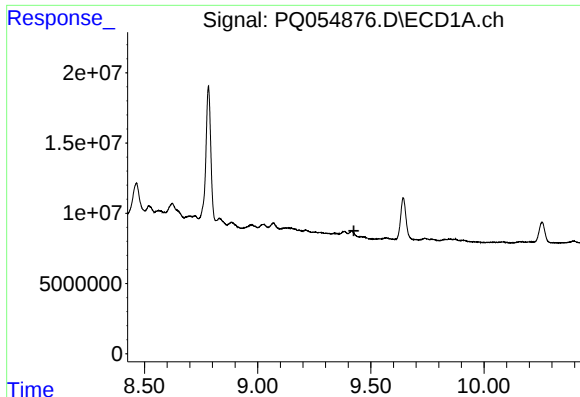
#34 AR-1260-4

R.T.: 9.070 min
Delta R.T.: -0.011 min
Response: 6210447
Conc: 6.65 ng/ml



#34 AR-1260-4

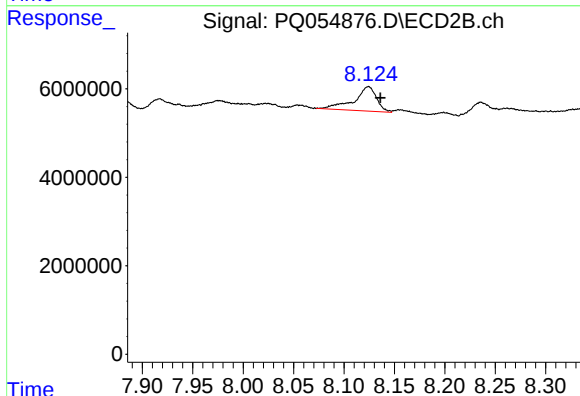
R.T.: 7.917 min
Delta R.T.: 0.028 min
Response: 2369680
Conc: 3.42 ng/ml



#35 AR-1260-5

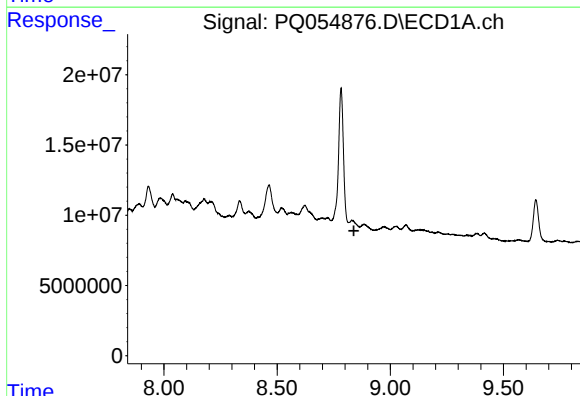
R.T.: 0.000 min
Exp R.T. : 9.425 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



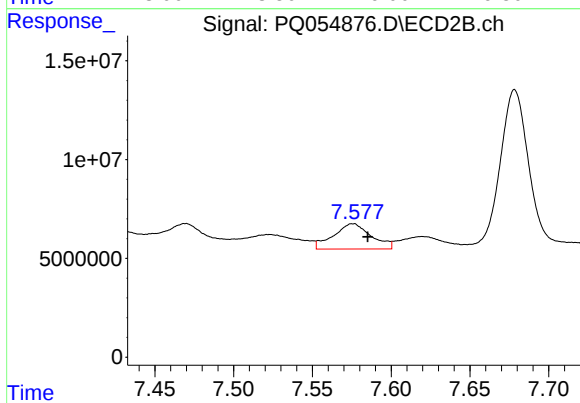
#35 AR-1260-5

R.T.: 8.124 min
Delta R.T.: -0.012 min
Response: 8598252
Conc: 4.50 ng/ml



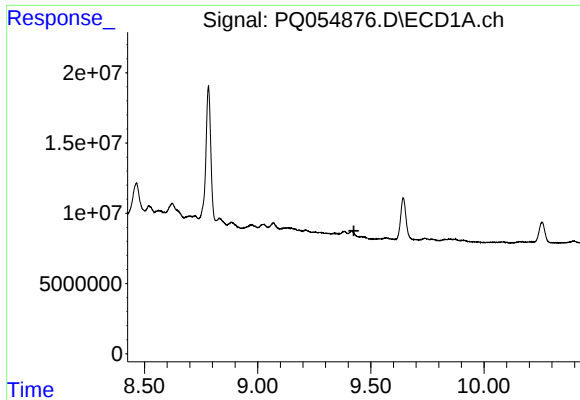
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.839 min
Response: 0
Conc: N.D.



#36 AR-1262-1

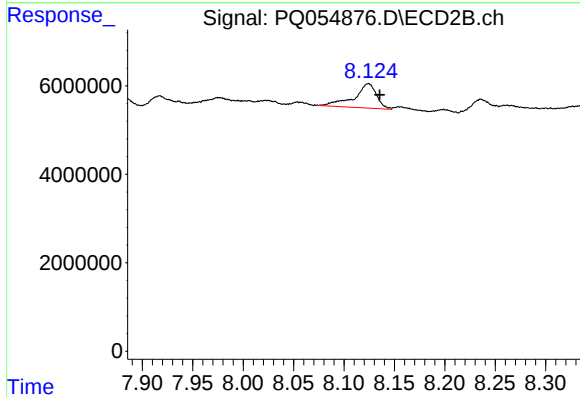
R.T.: 7.576 min
Delta R.T.: -0.009 min
Response: 21315254
Conc: 41.25 ng/ml



#37 AR-1262-2

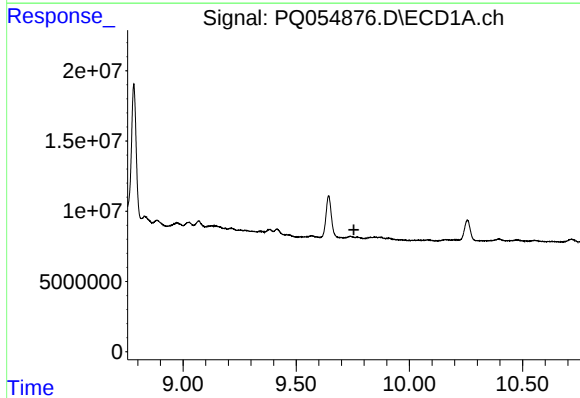
R.T.: 0.000 min
Exp R.T. : 9.425 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



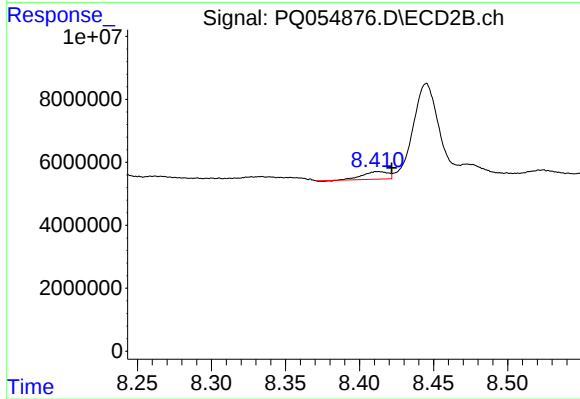
#37 AR-1262-2

R.T.: 8.124 min
Delta R.T.: -0.011 min
Response: 8598252
Conc: 3.88 ng/ml



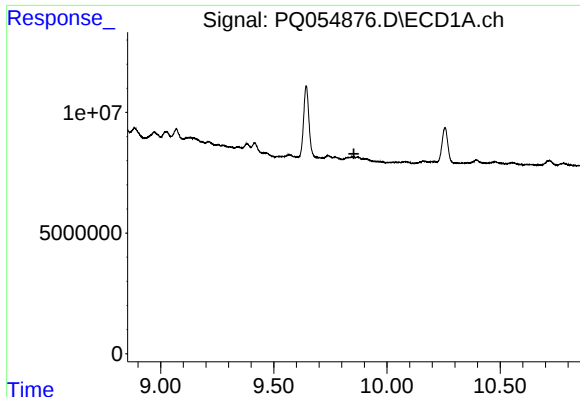
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.755 min
Response: 0
Conc: N.D.



#38 AR-1262-3

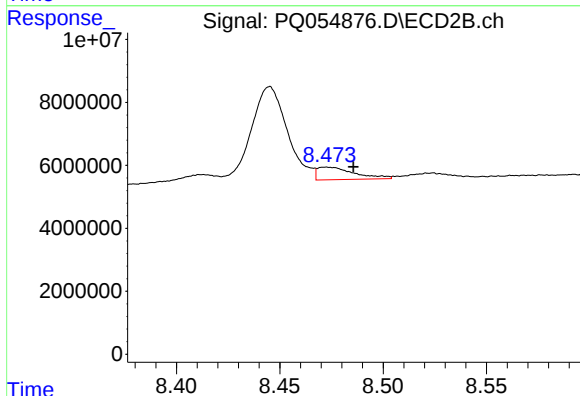
R.T.: 8.413 min
Delta R.T.: -0.009 min
Response: 2765707
Conc: 3.12 ng/ml



#39 AR-1262-4

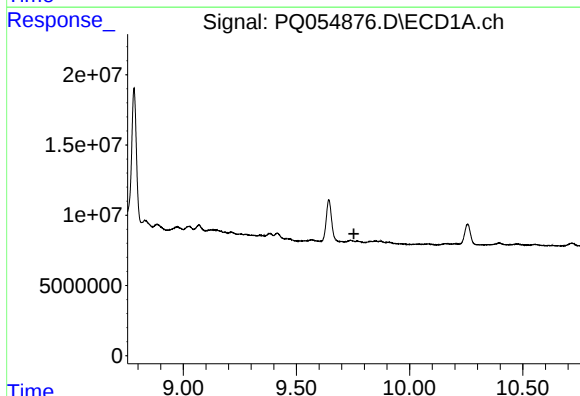
R.T.: 0.000 min
Exp R.T.: 9.854 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



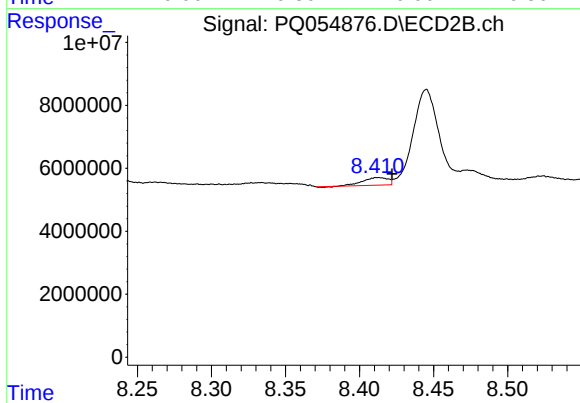
#39 AR-1262-4

R.T.: 8.473 min
Delta R.T.: -0.013 min
Response: 4944065
Conc: 3.25 ng/ml



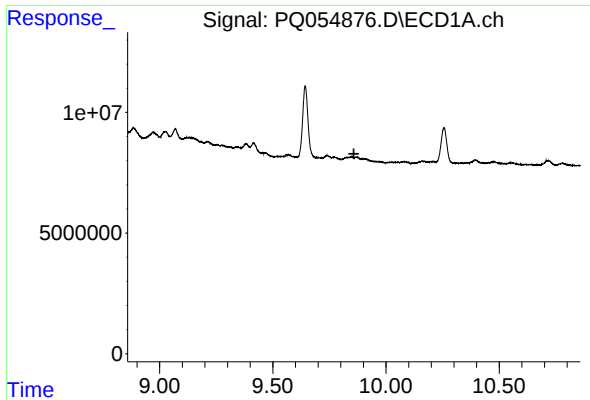
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 9.754 min
Response: 0
Conc: N.D.



#41 AR-1268-1

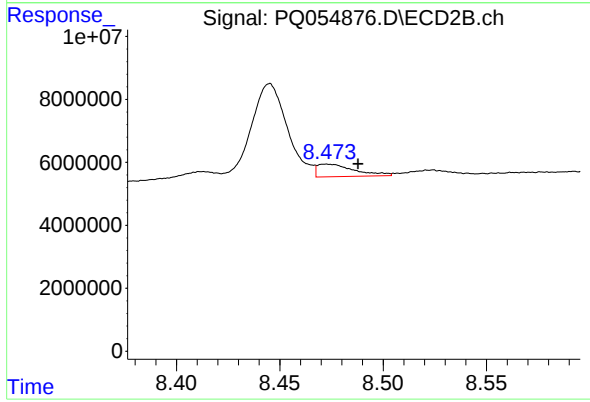
R.T.: 8.413 min
Delta R.T.: -0.009 min
Response: 2765707
Conc: 1.02 ng/ml



#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.858 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#42 AR-1268-2

R.T.: 8.473 min
Delta R.T.: -0.015 min
Response: 4944065
Conc: 2.15 ng/ml