

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100621\
 Data File : PQ054865.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2021 22:40
 Operator : AJ\MA
 Sample : M4077-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 07 00:50:15 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...	5.194	4.202	285.8E6	217.4E6	11.967	16.445 #
2)	SA Decachlor...	11.354	9.523	252.6E6	148.5E6	14.967	10.956 #
Target Compounds							
3)	L1 AR-1016-1	6.519	5.481	33979845	24618075	41.194	54.244 #
4)	L1 AR-1016-2	6.541	5.481	24453288	24618075	20.046	34.689 #
5)	L1 AR-1016-3	6.607	5.689	16661415	6098618	22.008	17.808
6)	L1 AR-1016-4	6.723	5.714f	5520270	20658417	8.928	74.378 #
7)	L1 AR-1016-5	7.031	5.957	18381712	3999311	32.354	11.586 #
8)	L2 AR-1221-1	0.000	4.488f	0	3193418	N.D.	24.567 #
9)	L2 AR-1221-2	5.550	4.585f	4428350	14821946	23.166	155.566 #
10)	L2 AR-1221-3	5.641	4.647	10838059	12504664	18.083	39.145 #
11)	L3 AR-1232-1	5.641	4.647	10838059	12504664	23.422	52.272 #
12)	L3 AR-1232-2	6.225	5.481	107.1E6	24618075	378.399	79.298 #
13)	L3 AR-1232-3	6.541	5.689	24453288	6098618	46.506	42.321
14)	L3 AR-1232-4	6.723	5.768	5520270	11173897	20.662	88.457 #
15)	L3 AR-1232-5	6.806	5.957	38625593	3999311	191.032	27.575 #
16)	L4 AR-1242-1	6.519	5.481	33979845	24618075	57.686	76.314 #
17)	L4 AR-1242-2	6.541	5.481	24453288	24618075	27.254	48.306 #
18)	L4 AR-1242-3	6.607	5.689	16661415	6098618	29.649	23.750
19)	L4 AR-1242-4	6.723	5.768	5520270	11173897	12.067	44.150 #
20)	L4 AR-1242-5	7.499	6.332	70537600	103.9E6	150.648	292.505 #
21)	L5 AR-1248-1	6.519	5.481	33979845	24618075	67.892	94.090 #
22)	L5 AR-1248-2	6.806	5.714f	38625593	20658417	59.452	58.000
23)	L5 AR-1248-3	7.031	5.768	18381712	11173897	25.704	31.422
24)	L5 AR-1248-4	7.476	5.957	84665975	3999311	107.023	9.310 #
25)	L5 AR-1248-5	7.499	6.374	70537600	61742136	87.901	144.114 #
26)	L6 AR-1254-1	7.437	6.332	149.2E6	103.9E6	171.234	136.413
27)	L6 AR-1254-2	7.656	6.491	116.4E6	75903334	87.054	108.467
28)	L6 AR-1254-3	8.037	6.911	74322322	89543955	53.364	81.225 #
29)	L6 AR-1254-4	8.331	7.151	102.8E6	38664115	96.503	51.135 #
30)	L6 AR-1254-5	8.767	7.576	243.3E6	10411837	211.675	9.408 #
31)	L7 AR-1260-1	8.223	7.080f	185.0E6	19982695	186.457	26.609 #
32)	L7 AR-1260-2	8.460	7.243	257.0E6	30412460	218.392	29.387 #
33)	L7 AR-1260-3	0.000	7.405	0	58439792	N.D.	66.097 #
34)	L7 AR-1260-4	9.070	0.000	512.4E6	0	548.573	N.D. #
35)	L7 AR-1260-5	0.000	8.124	0	8236997	N.D.	4.310 #
36)	L8 AR-1262-1	0.000	7.576	0	10411837	N.D.	20.151 #
37)	L8 AR-1262-2	0.000	8.124	0	8236997	N.D.	3.719 #
38)	L8 AR-1262-3	0.000	8.415	0	2024480	N.D.	2.282 #
41)	L9 AR-1268-1	0.000	8.415	0	2024480	N.D.	0.746 #
43)	L9 AR-1268-3	10.117f	8.694	157.2E6	275.7E6	81.827	136.789 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100621\
Data File : PQ054865.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Oct 2021 22:40
Operator : AJ\MA
Sample : M4077-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 07 00:50:15 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

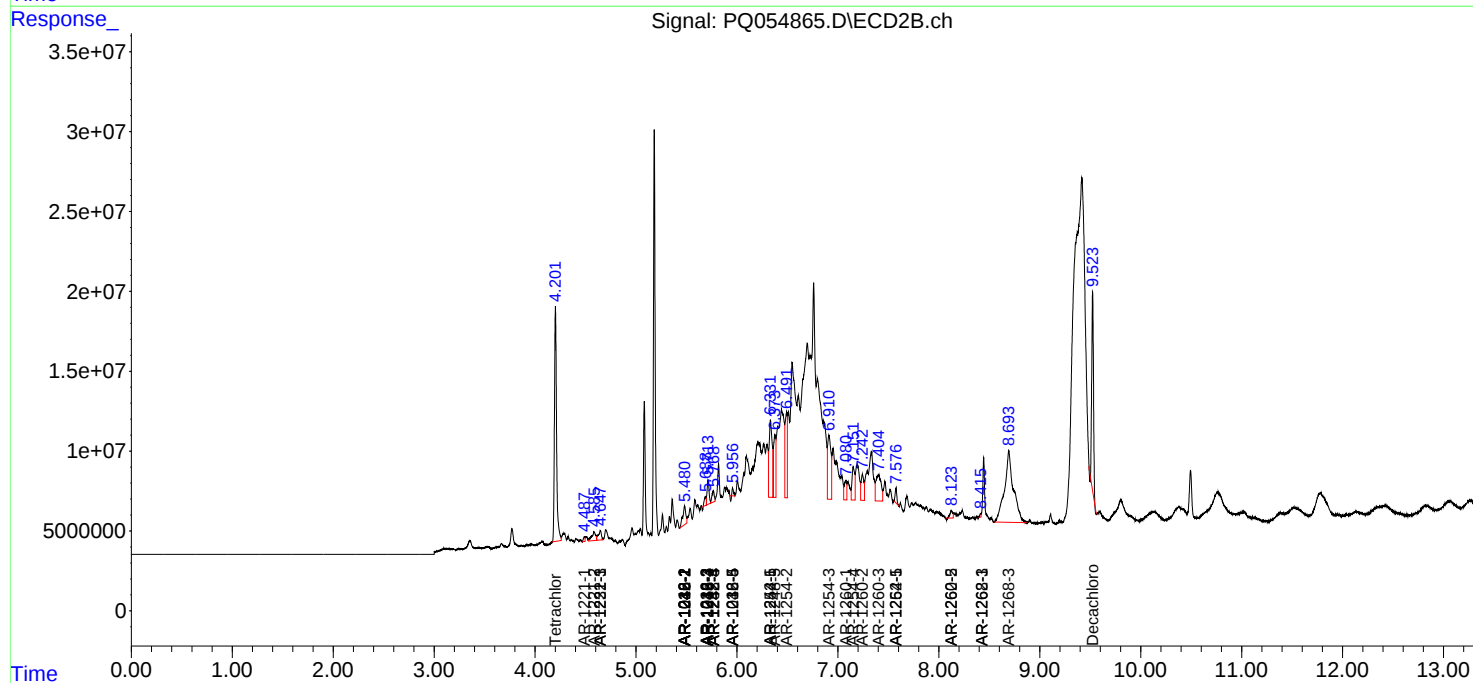
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

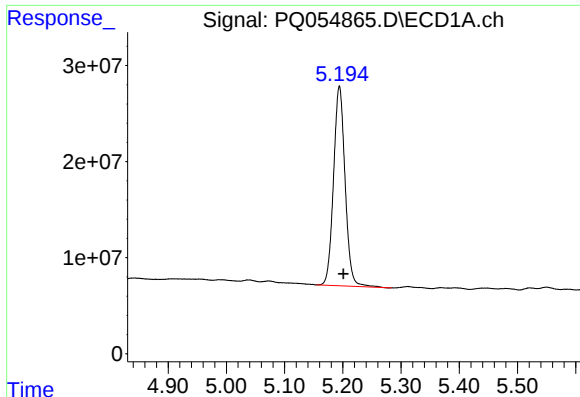
Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_Q
ClientSampleId :

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

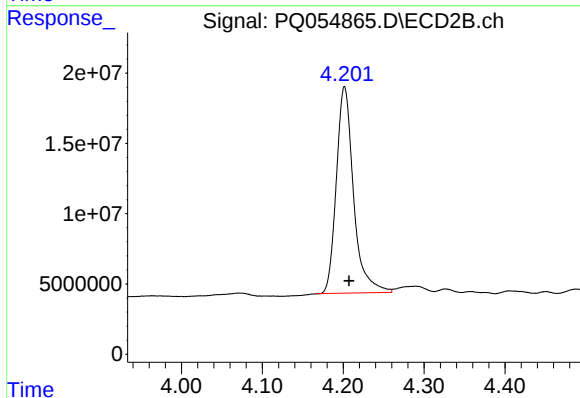




#1 Tetrachloro-m-xylene

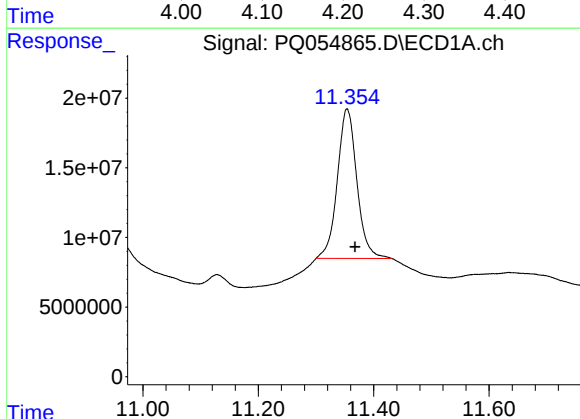
R.T.: 5.194 min
Delta R.T.: -0.007 min
Response: 285778341
Conc: 11.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



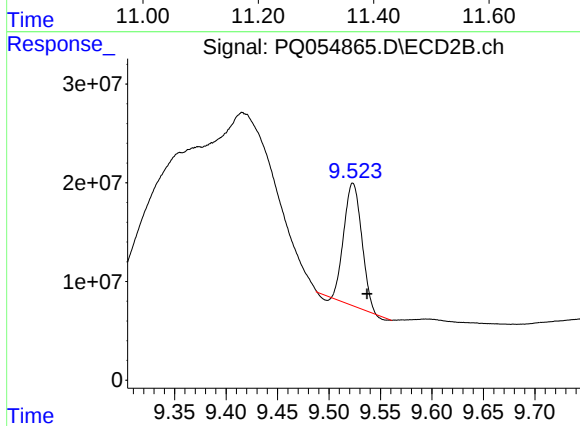
#1 Tetrachloro-m-xylene

R.T.: 4.202 min
Delta R.T.: -0.005 min
Response: 217402124
Conc: 16.45 ng/ml



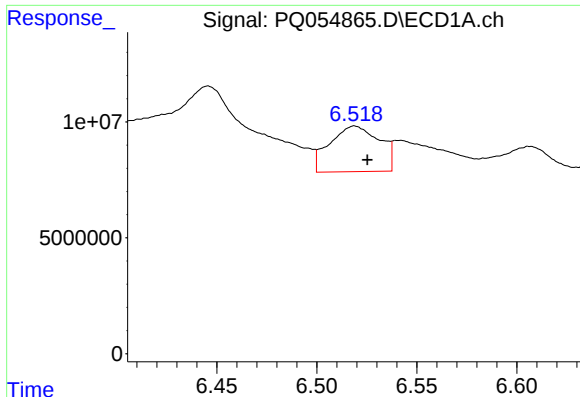
#2 Decachlorobiphenyl

R.T.: 11.354 min
Delta R.T.: -0.014 min
Response: 252608042
Conc: 14.97 ng/ml



#2 Decachlorobiphenyl

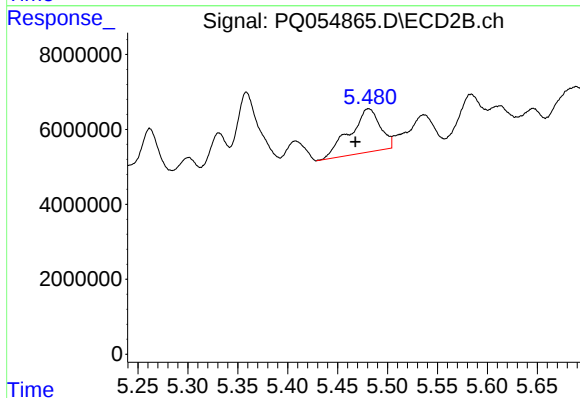
R.T.: 9.523 min
Delta R.T.: -0.014 min
Response: 148477420
Conc: 10.96 ng/ml



#3 AR-1016-1

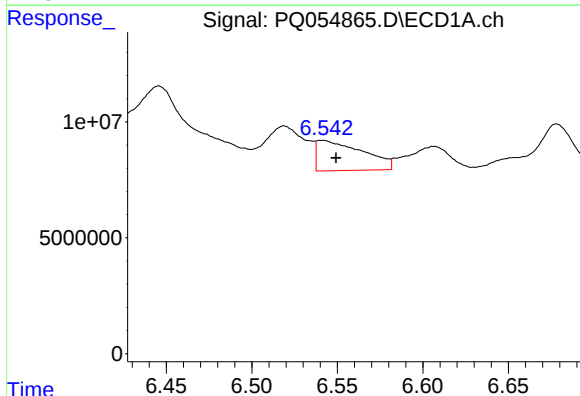
R.T.: 6.519 min
Delta R.T.: -0.006 min
Response: 33979845
Conc: 41.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



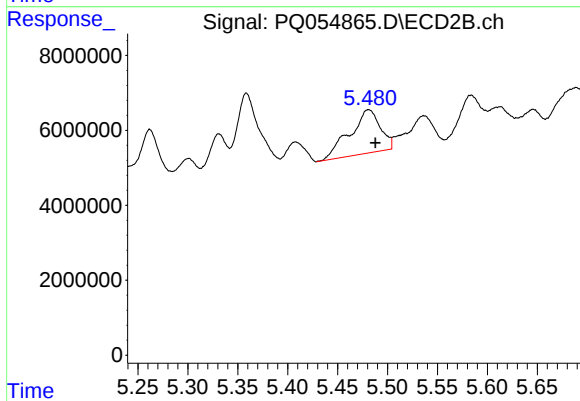
#3 AR-1016-1

R.T.: 5.481 min
Delta R.T.: 0.013 min
Response: 24618075
Conc: 54.24 ng/ml



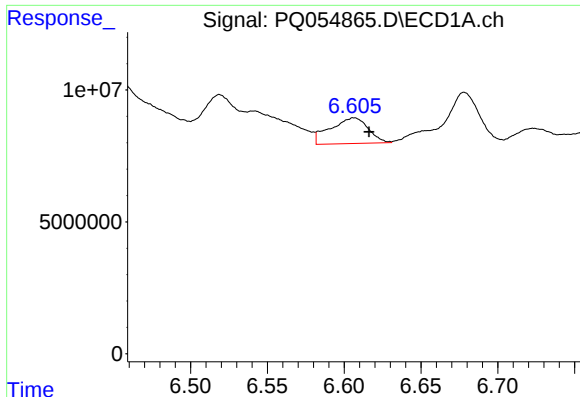
#4 AR-1016-2

R.T.: 6.541 min
Delta R.T.: -0.008 min
Response: 24453288
Conc: 20.05 ng/ml



#4 AR-1016-2

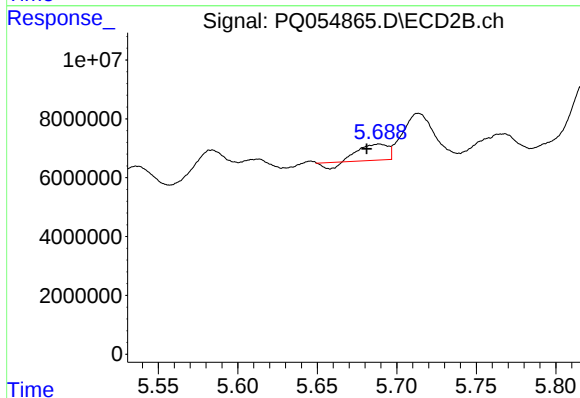
R.T.: 5.481 min
Delta R.T.: -0.007 min
Response: 24618075
Conc: 34.69 ng/ml



#5 AR-1016-3

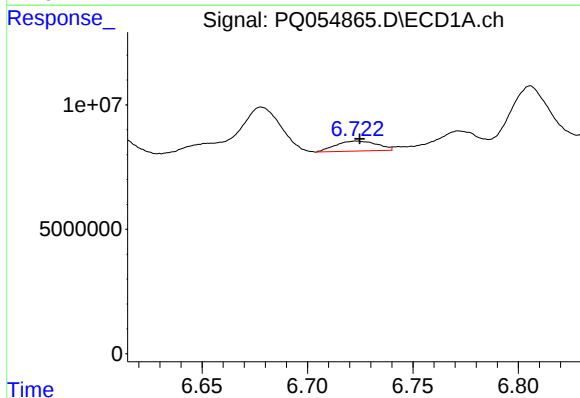
R.T.: 6.607 min
Delta R.T.: -0.010 min
Response: 16661415
Conc: 22.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



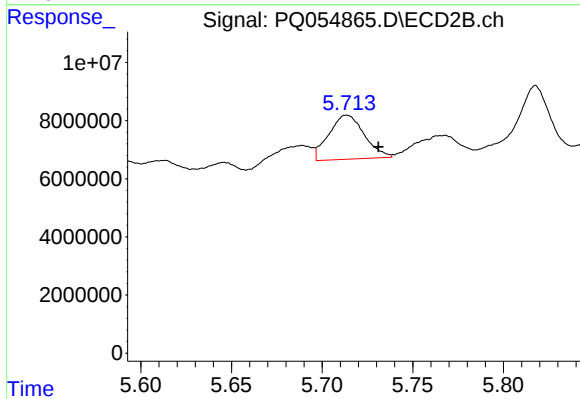
#5 AR-1016-3

R.T.: 5.689 min
Delta R.T.: 0.008 min
Response: 6098618
Conc: 17.81 ng/ml



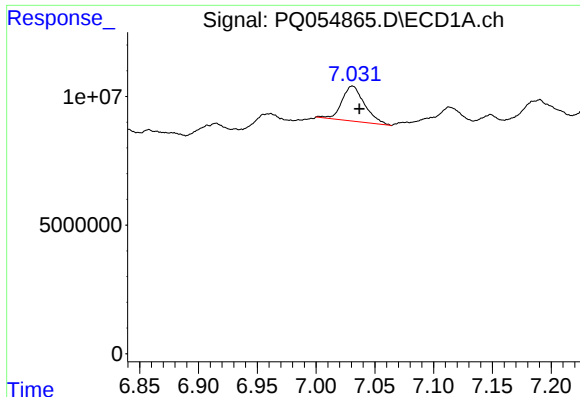
#6 AR-1016-4

R.T.: 6.723 min
Delta R.T.: -0.002 min
Response: 5520270
Conc: 8.93 ng/ml



#6 AR-1016-4

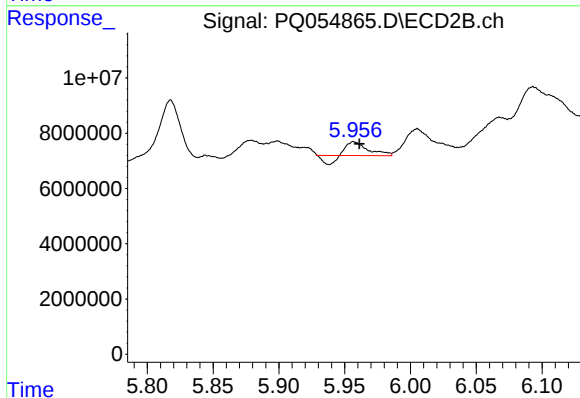
R.T.: 5.714 min
Delta R.T.: -0.017 min
Response: 20658417
Conc: 74.38 ng/ml



#7 AR-1016-5

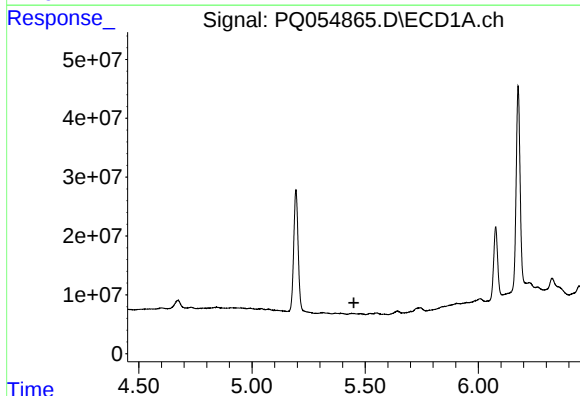
R.T.: 7.031 min
Delta R.T.: -0.006 min
Response: 18381712
Conc: 32.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



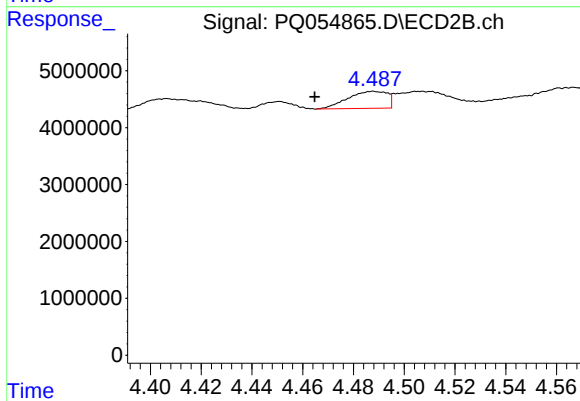
#7 AR-1016-5

R.T.: 5.957 min
Delta R.T.: -0.005 min
Response: 3999311
Conc: 11.59 ng/ml



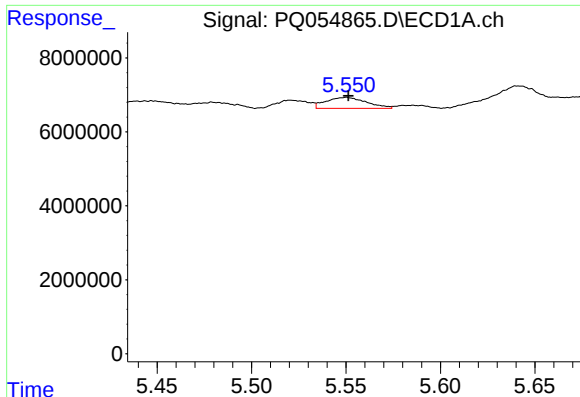
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.450 min
Response: 0
Conc: N.D.



#8 AR-1221-1

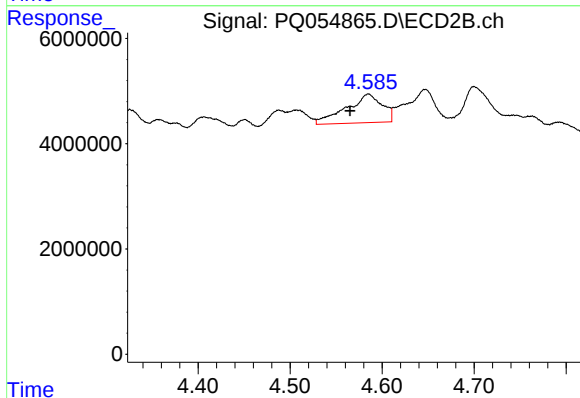
R.T.: 4.488 min
Delta R.T.: 0.023 min
Response: 3193418
Conc: 24.57 ng/ml



#9 AR-1221-2

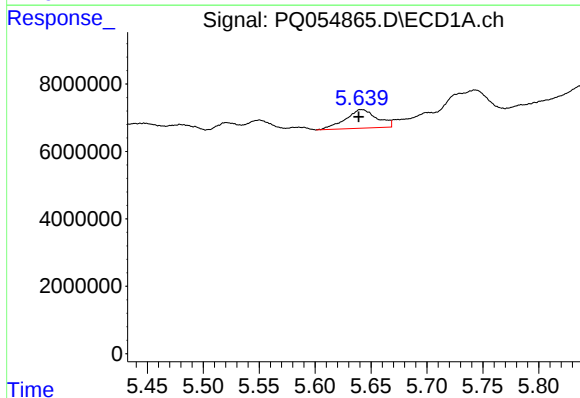
R.T.: 5.550 min
Delta R.T.: -0.001 min
Response: 4428350
Conc: 23.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



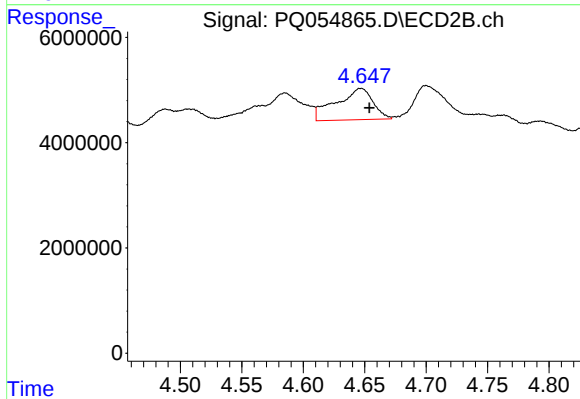
#9 AR-1221-2

R.T.: 4.585 min
Delta R.T.: 0.020 min
Response: 14821946
Conc: 155.57 ng/ml



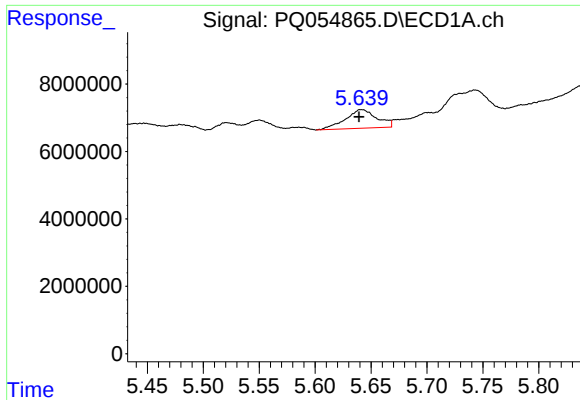
#10 AR-1221-3

R.T.: 5.641 min
Delta R.T.: 0.003 min
Response: 10838059
Conc: 18.08 ng/ml



#10 AR-1221-3

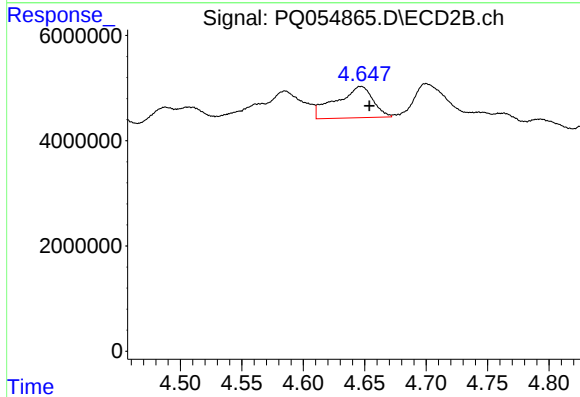
R.T.: 4.647 min
Delta R.T.: -0.006 min
Response: 12504664
Conc: 39.14 ng/ml



#11 AR-1232-1

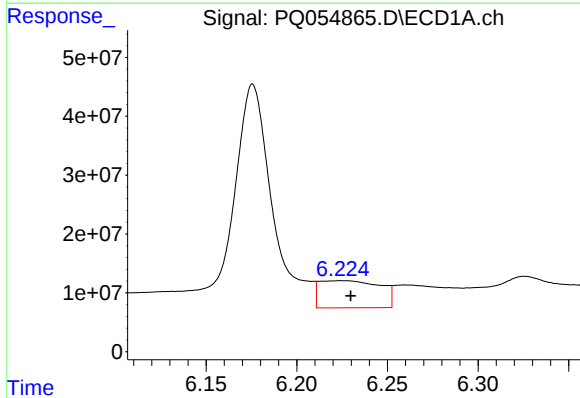
R.T.: 5.641 min
Delta R.T.: 0.002 min
Response: 10838059
Conc: 23.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



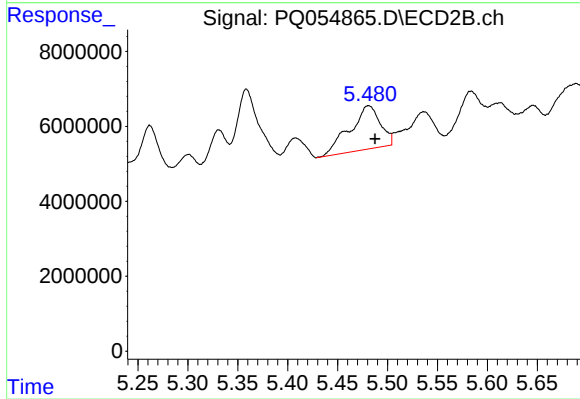
#11 AR-1232-1

R.T.: 4.647 min
Delta R.T.: -0.006 min
Response: 12504664
Conc: 52.27 ng/ml



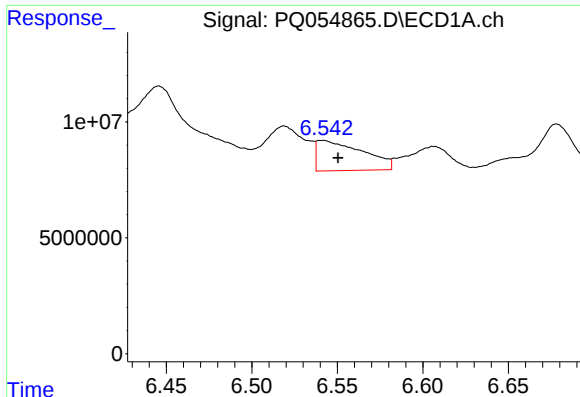
#12 AR-1232-2

R.T.: 6.225 min
Delta R.T.: -0.005 min
Response: 107107243
Conc: 378.40 ng/ml



#12 AR-1232-2

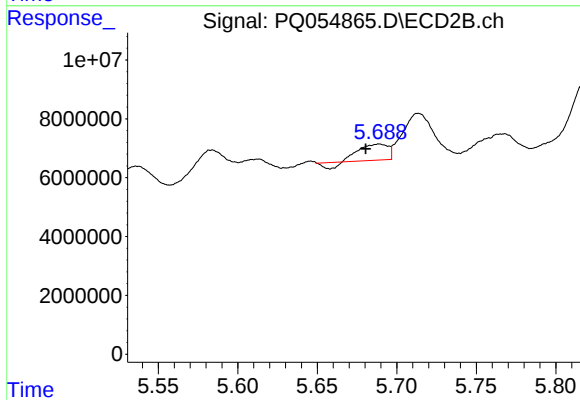
R.T.: 5.481 min
Delta R.T.: -0.006 min
Response: 24618075
Conc: 79.30 ng/ml



#13 AR-1232-3

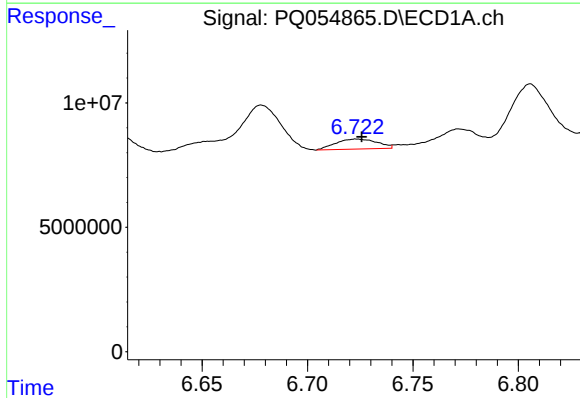
R.T.: 6.541 min
Delta R.T.: -0.009 min
Response: 24453288
Conc: 46.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



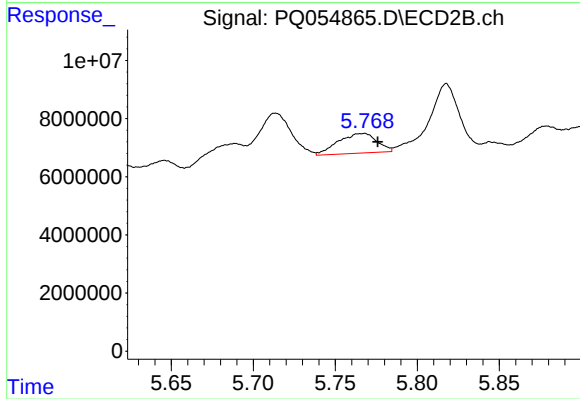
#13 AR-1232-3

R.T.: 5.689 min
Delta R.T.: 0.009 min
Response: 6098618
Conc: 42.32 ng/ml



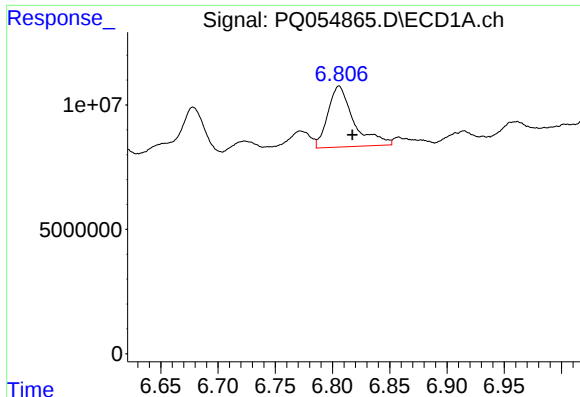
#14 AR-1232-4

R.T.: 6.723 min
Delta R.T.: -0.003 min
Response: 5520270
Conc: 20.66 ng/ml



#14 AR-1232-4

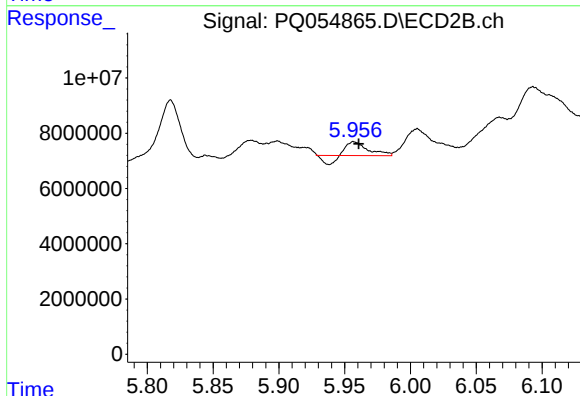
R.T.: 5.768 min
Delta R.T.: -0.008 min
Response: 11173897
Conc: 88.46 ng/ml



#15 AR-1232-5

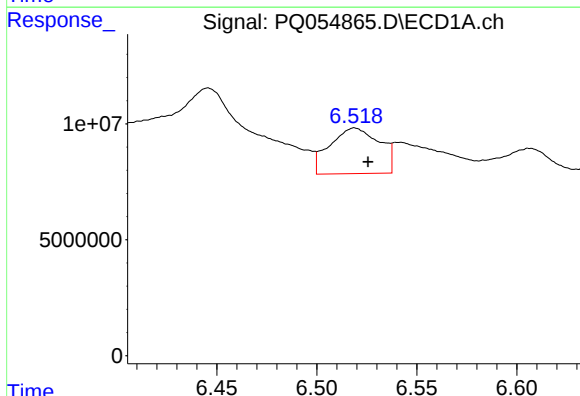
R.T.: 6.806 min
Delta R.T.: -0.011 min
Response: 38625593
Conc: 191.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



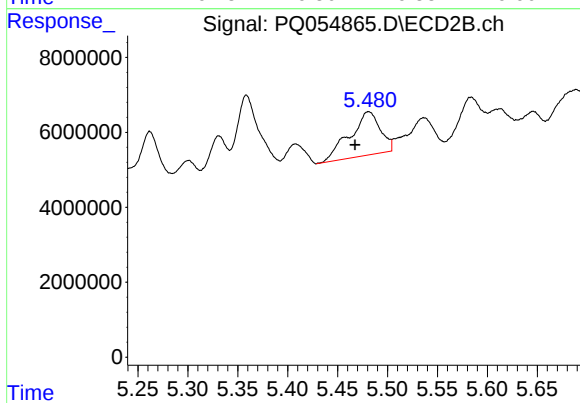
#15 AR-1232-5

R.T.: 5.957 min
Delta R.T.: -0.004 min
Response: 3999311
Conc: 27.58 ng/ml



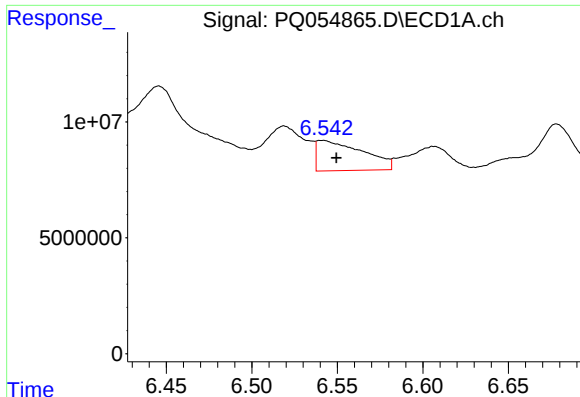
#16 AR-1242-1

R.T.: 6.519 min
Delta R.T.: -0.007 min
Response: 33979845
Conc: 57.69 ng/ml



#16 AR-1242-1

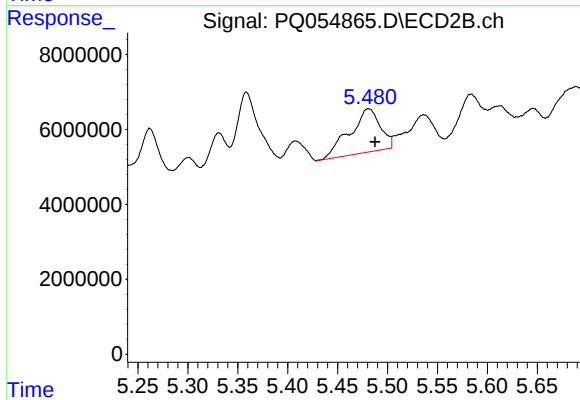
R.T.: 5.481 min
Delta R.T.: 0.014 min
Response: 24618075
Conc: 76.31 ng/ml



#17 AR-1242-2

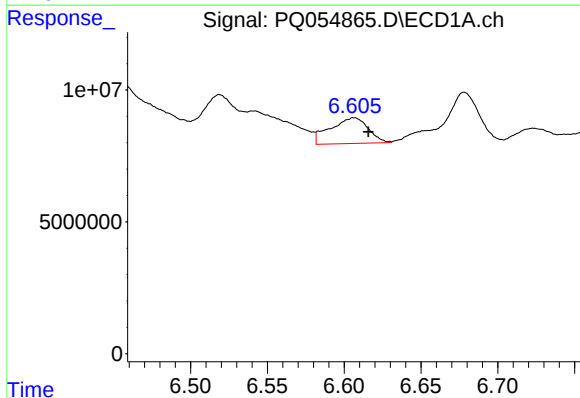
R.T.: 6.541 min
Delta R.T.: -0.008 min
Response: 24453288
Conc: 27.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



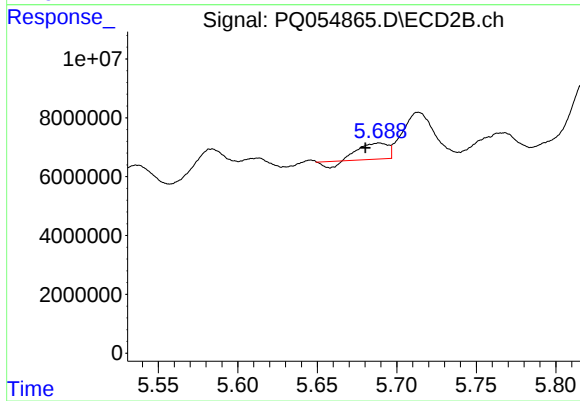
#17 AR-1242-2

R.T.: 5.481 min
Delta R.T.: -0.006 min
Response: 24618075
Conc: 48.31 ng/ml



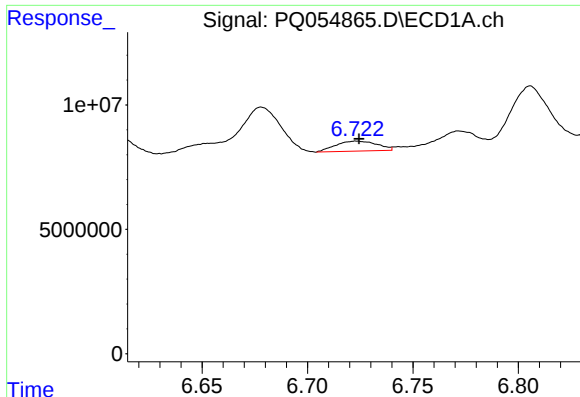
#18 AR-1242-3

R.T.: 6.607 min
Delta R.T.: -0.009 min
Response: 16661415
Conc: 29.65 ng/ml



#18 AR-1242-3

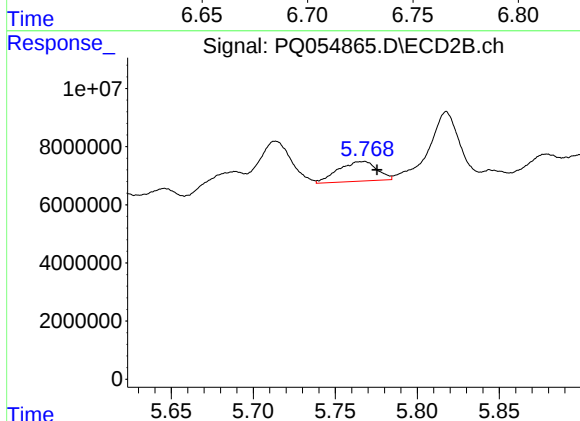
R.T.: 5.689 min
Delta R.T.: 0.009 min
Response: 6098618
Conc: 23.75 ng/ml



#19 AR-1242-4

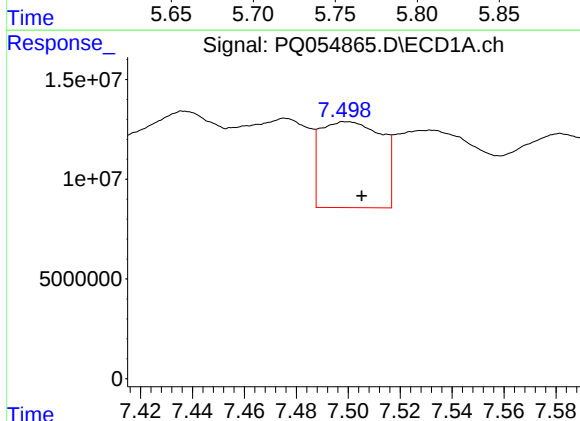
R.T.: 6.723 min
Delta R.T.: -0.001 min
Response: 5520270
Conc: 12.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



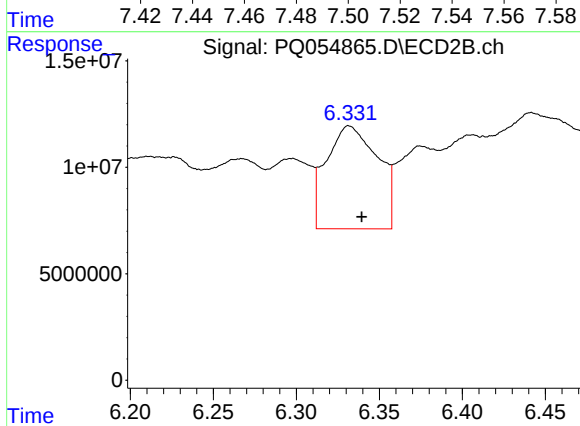
#19 AR-1242-4

R.T.: 5.768 min
Delta R.T.: -0.008 min
Response: 11173897
Conc: 44.15 ng/ml



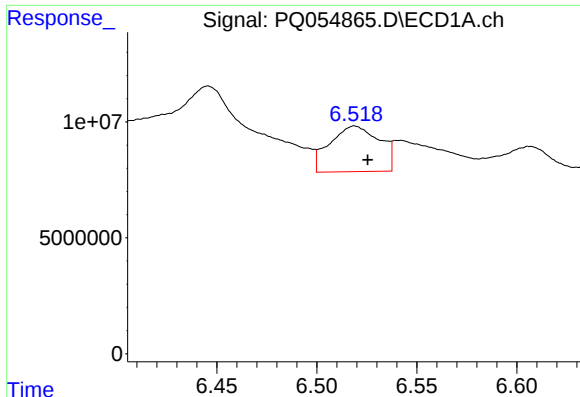
#20 AR-1242-5

R.T.: 7.499 min
Delta R.T.: -0.006 min
Response: 70537600
Conc: 150.65 ng/ml



#20 AR-1242-5

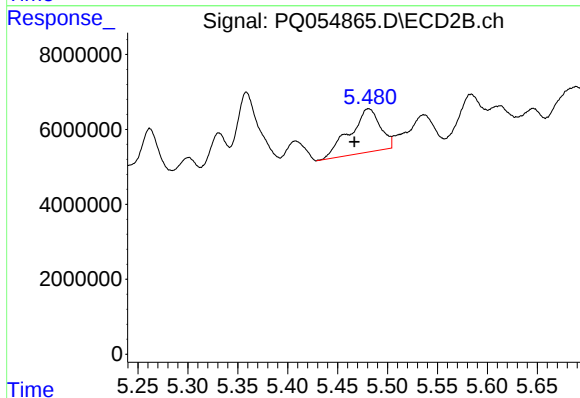
R.T.: 6.332 min
Delta R.T.: -0.008 min
Response: 103920446
Conc: 292.50 ng/ml



#21 AR-1248-1

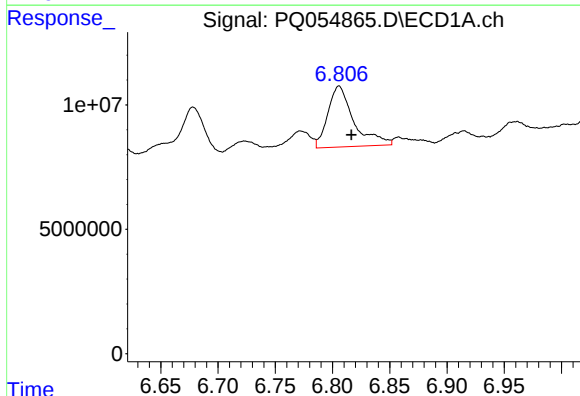
R.T.: 6.519 min
Delta R.T.: -0.006 min
Response: 33979845
Conc: 67.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



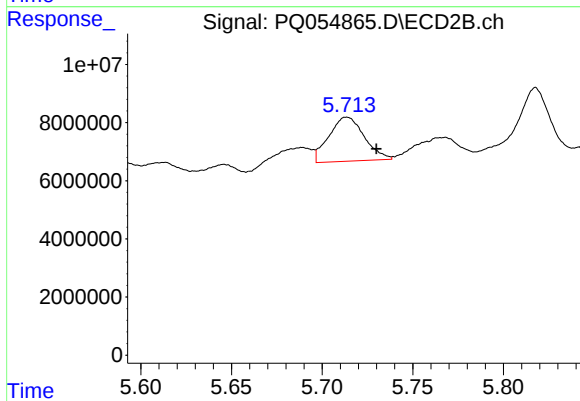
#21 AR-1248-1

R.T.: 5.481 min
Delta R.T.: 0.014 min
Response: 24618075
Conc: 94.09 ng/ml



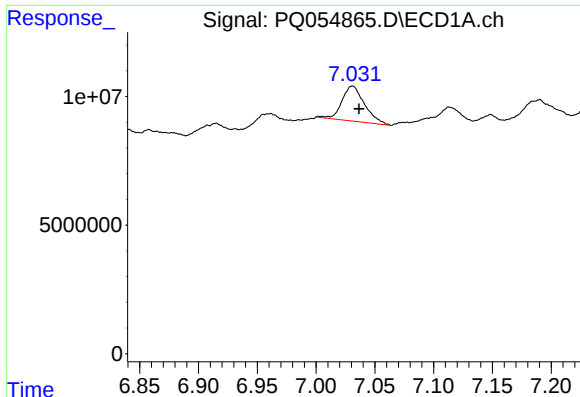
#22 AR-1248-2

R.T.: 6.806 min
Delta R.T.: -0.011 min
Response: 38625593
Conc: 59.45 ng/ml



#22 AR-1248-2

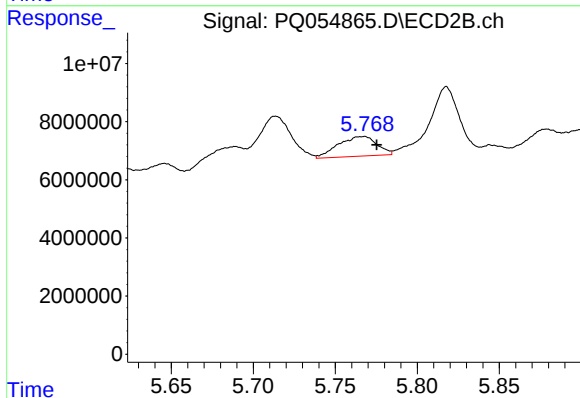
R.T.: 5.714 min
Delta R.T.: -0.016 min
Response: 20658417
Conc: 58.00 ng/ml



#23 AR-1248-3

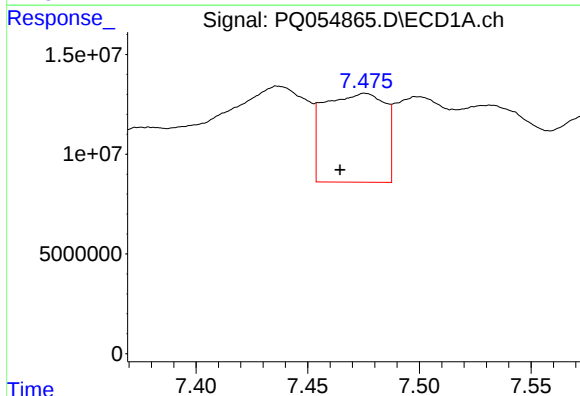
R.T.: 7.031 min
Delta R.T.: -0.006 min
Response: 18381712
Conc: 25.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



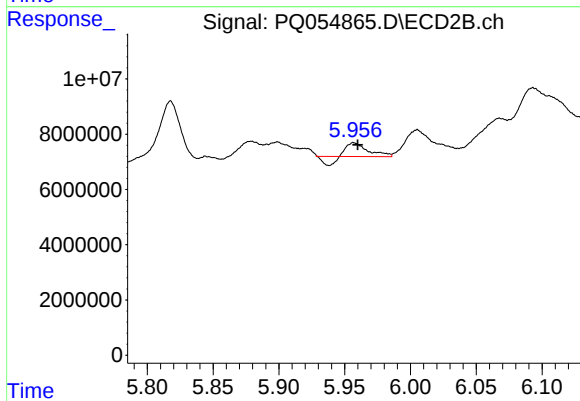
#23 AR-1248-3

R.T.: 5.768 min
Delta R.T.: -0.007 min
Response: 11173897
Conc: 31.42 ng/ml



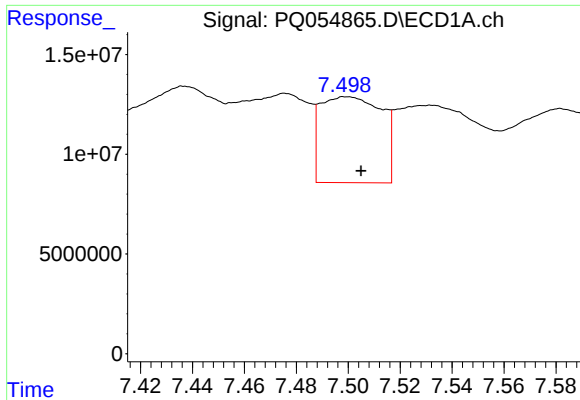
#24 AR-1248-4

R.T.: 7.476 min
Delta R.T.: 0.011 min
Response: 84665975
Conc: 107.02 ng/ml



#24 AR-1248-4

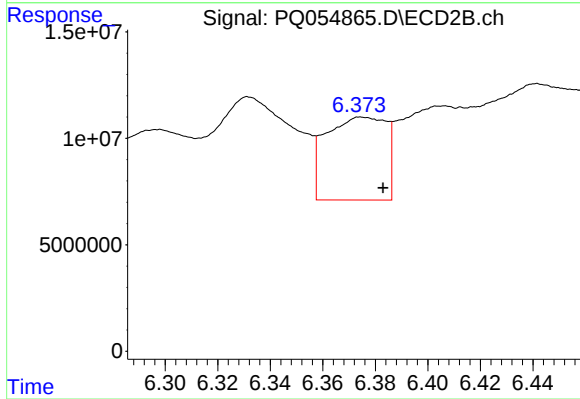
R.T.: 5.957 min
Delta R.T.: -0.003 min
Response: 3999311
Conc: 9.31 ng/ml



#25 AR-1248-5

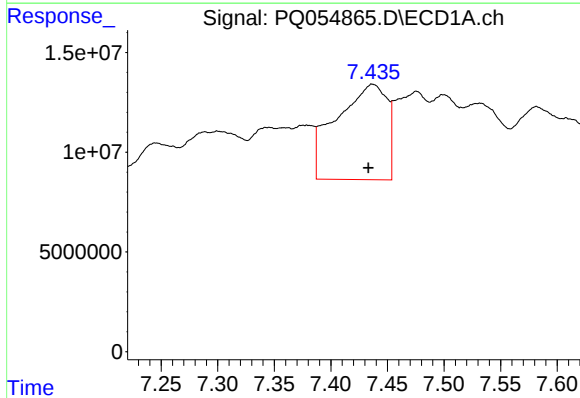
R.T.: 7.499 min
Delta R.T.: -0.006 min
Response: 70537600
Conc: 87.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



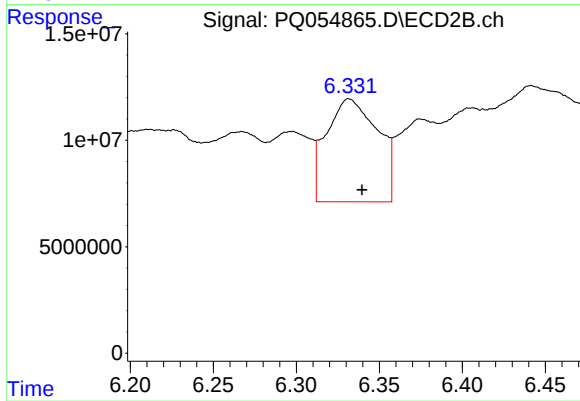
#25 AR-1248-5

R.T.: 6.374 min
Delta R.T.: -0.009 min
Response: 61742136
Conc: 144.11 ng/ml



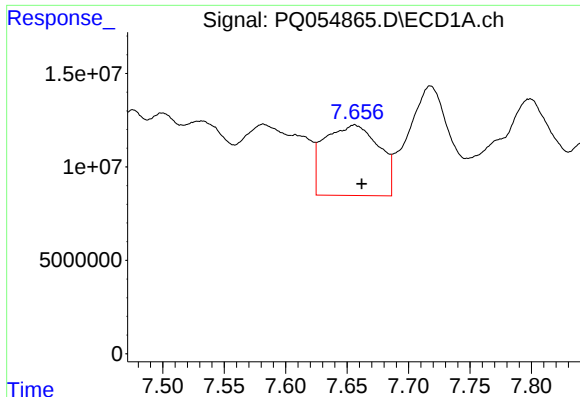
#26 AR-1254-1

R.T.: 7.437 min
Delta R.T.: 0.004 min
Response: 149159483
Conc: 171.23 ng/ml



#26 AR-1254-1

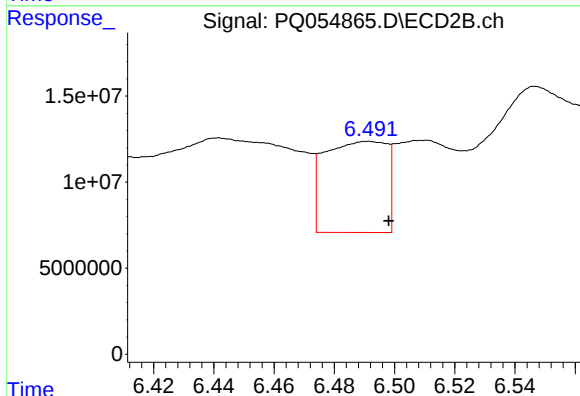
R.T.: 6.332 min
Delta R.T.: -0.008 min
Response: 103920446
Conc: 136.41 ng/ml



#27 AR-1254-2

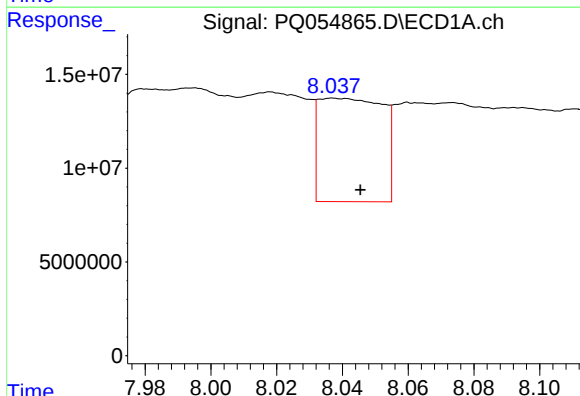
R.T.: 7.656 min
Delta R.T.: -0.006 min
Response: 116443490
Conc: 87.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



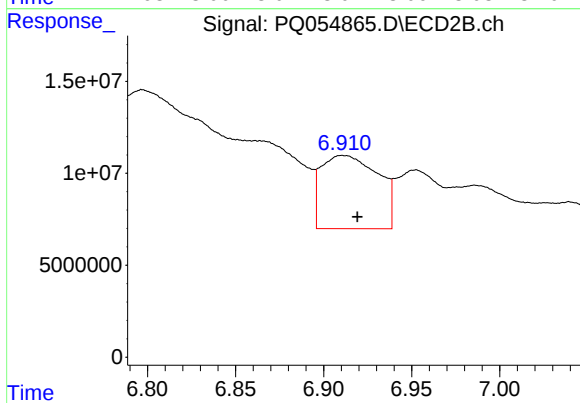
#27 AR-1254-2

R.T.: 6.491 min
Delta R.T.: -0.007 min
Response: 75903334
Conc: 108.47 ng/ml



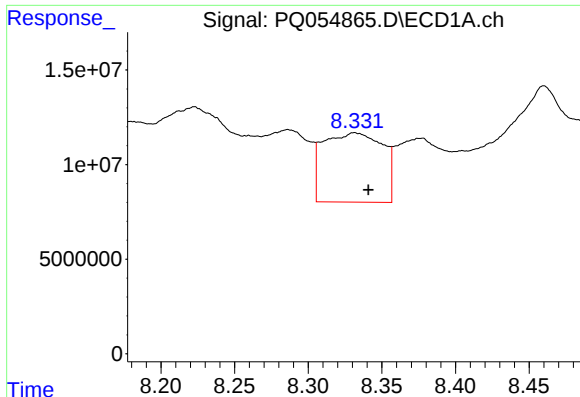
#28 AR-1254-3

R.T.: 8.037 min
Delta R.T.: -0.008 min
Response: 74322322
Conc: 53.36 ng/ml



#28 AR-1254-3

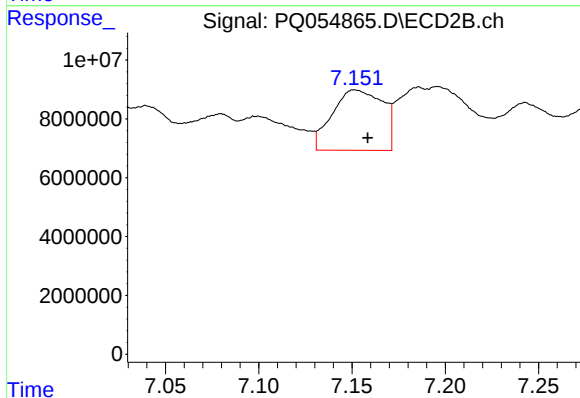
R.T.: 6.911 min
Delta R.T.: -0.009 min
Response: 89543955
Conc: 81.22 ng/ml



#29 AR-1254-4

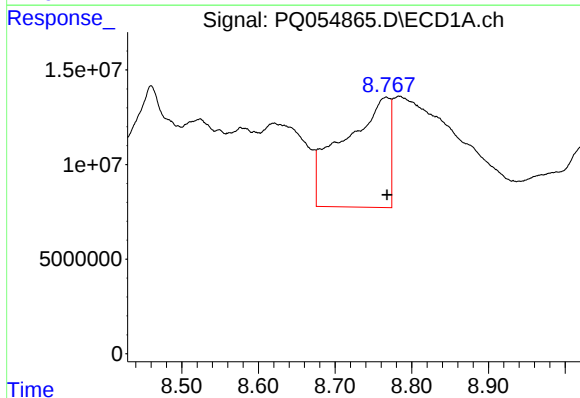
R.T.: 8.331 min
Delta R.T.: -0.009 min
Response: 102806509
Conc: 96.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



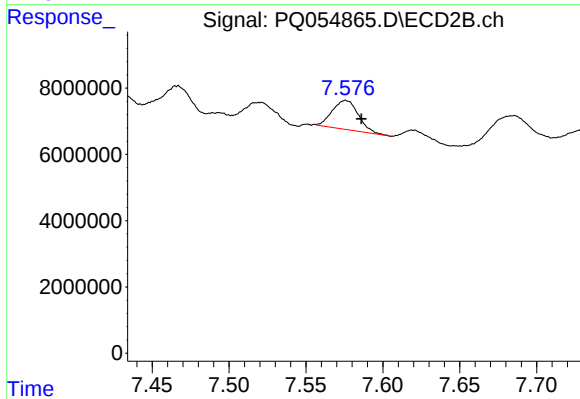
#29 AR-1254-4

R.T.: 7.151 min
Delta R.T.: -0.007 min
Response: 38664115
Conc: 51.14 ng/ml



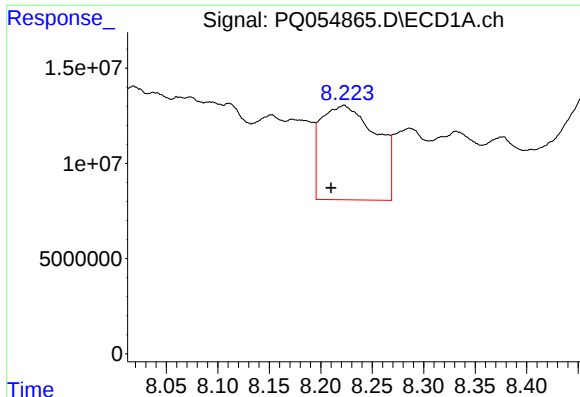
#30 AR-1254-5

R.T.: 8.767 min
Delta R.T.: 0.000 min
Response: 243273620
Conc: 211.67 ng/ml



#30 AR-1254-5

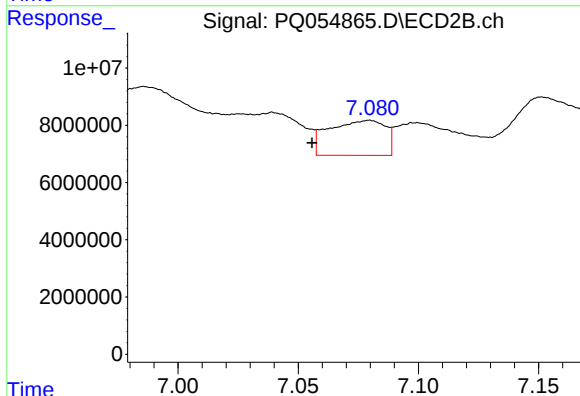
R.T.: 7.576 min
Delta R.T.: -0.010 min
Response: 10411837
Conc: 9.41 ng/ml



#31 AR-1260-1

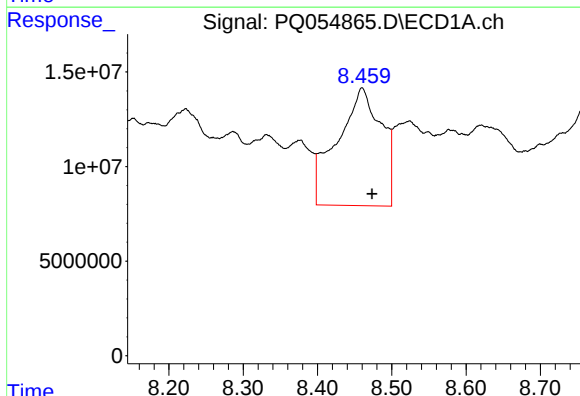
R.T.: 8.223 min
Delta R.T.: 0.012 min
Response: 185039045
Conc: 186.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



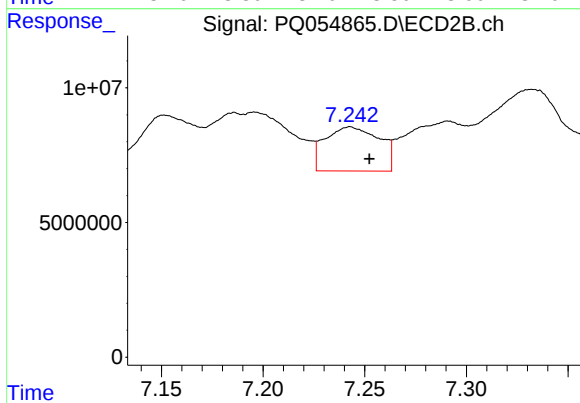
#31 AR-1260-1

R.T.: 7.080 min
Delta R.T.: 0.024 min
Response: 19982695
Conc: 26.61 ng/ml



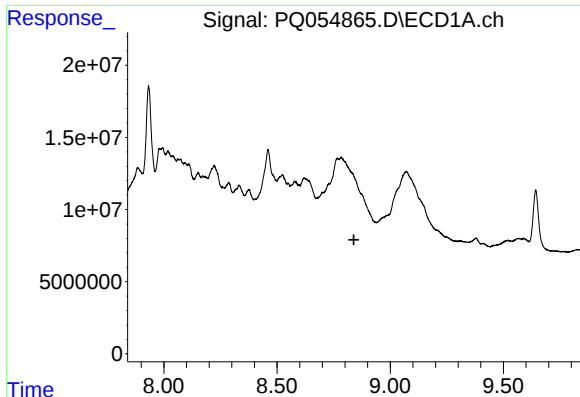
#32 AR-1260-2

R.T.: 8.460 min
Delta R.T.: -0.013 min
Response: 256983890
Conc: 218.39 ng/ml



#32 AR-1260-2

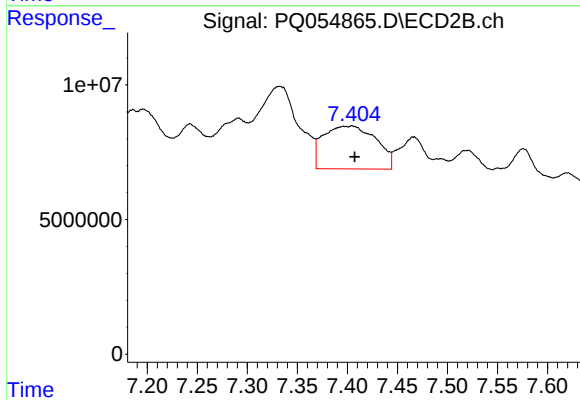
R.T.: 7.243 min
Delta R.T.: -0.009 min
Response: 30412460
Conc: 29.39 ng/ml



#33 AR-1260-3

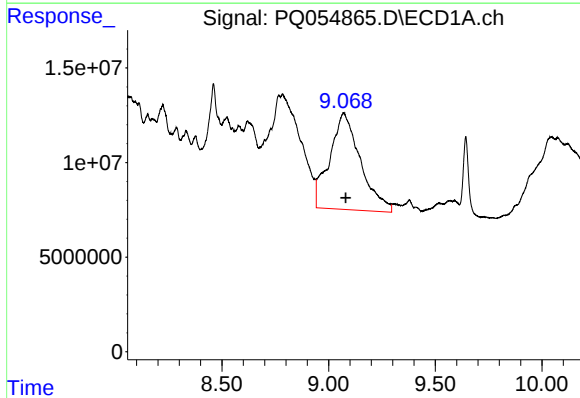
R.T.: 0.000 min
Exp R.T.: 8.839 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



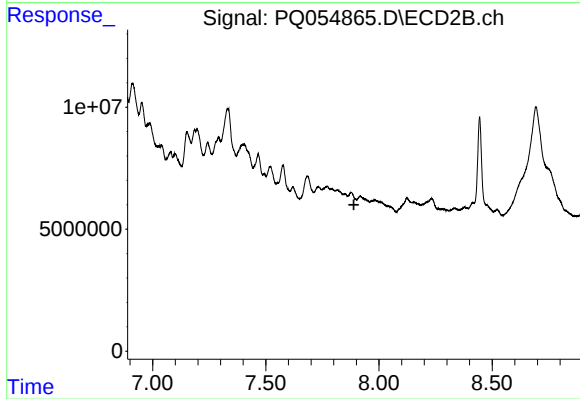
#33 AR-1260-3

R.T.: 7.405 min
Delta R.T.: -0.003 min
Response: 58439792
Conc: 66.10 ng/ml



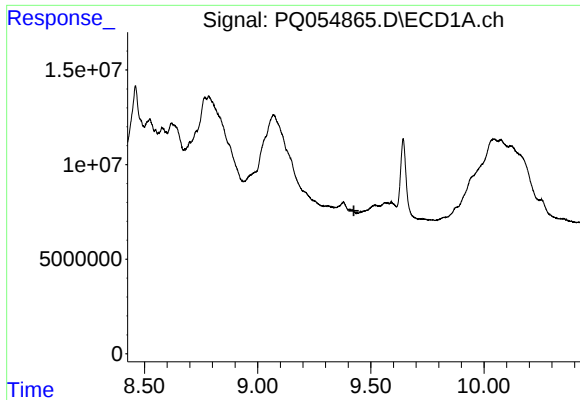
#34 AR-1260-4

R.T.: 9.070 min
Delta R.T.: -0.011 min
Response: 512416777
Conc: 548.57 ng/ml



#34 AR-1260-4

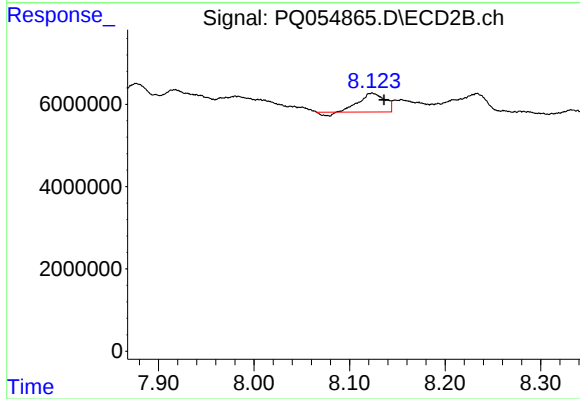
R.T.: 0.000 min
Exp R.T.: 7.889 min
Response: 0
Conc: N.D.



#35 AR-1260-5

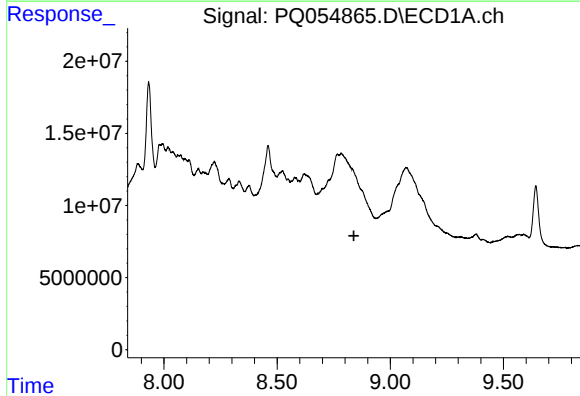
R.T.: 0.000 min
Exp R.T.: 9.425 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



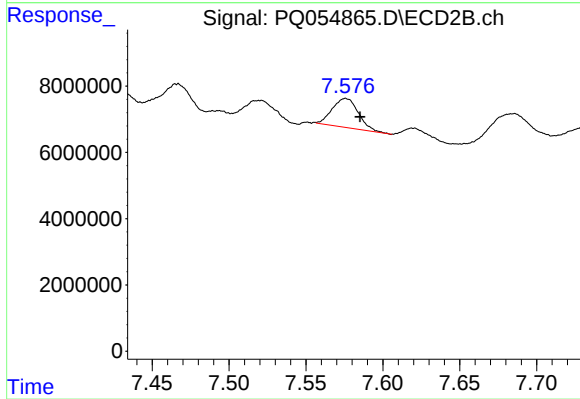
#35 AR-1260-5

R.T.: 8.124 min
Delta R.T.: -0.013 min
Response: 8236997
Conc: 4.31 ng/ml



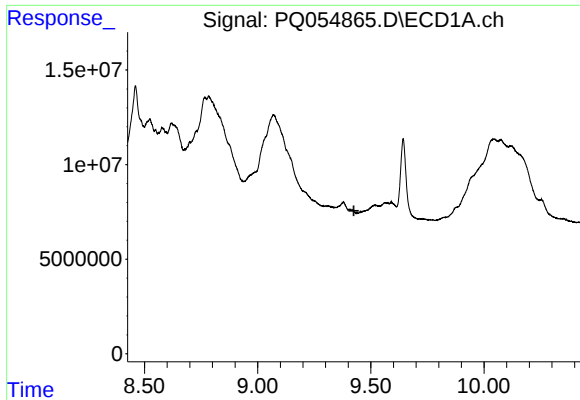
#36 AR-1262-1

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



#36 AR-1262-1

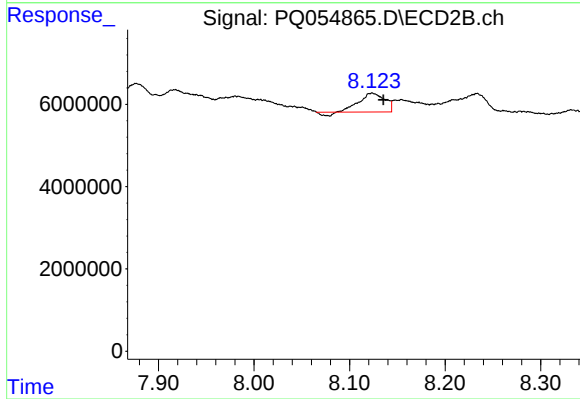
R.T.: 7.576 min
Delta R.T.: -0.009 min
Response: 10411837
Conc: 20.15 ng/ml



#37 AR-1262-2

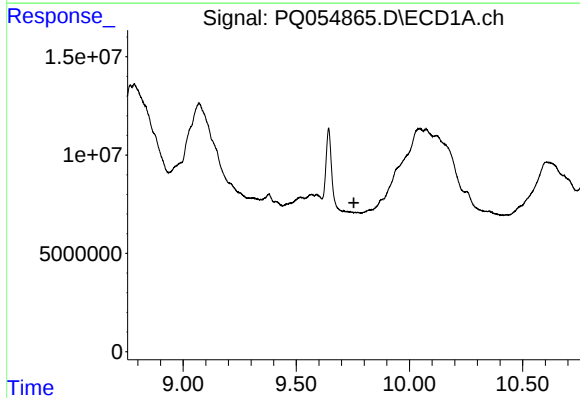
R.T.: 0.000 min
Exp R.T.: 9.425 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



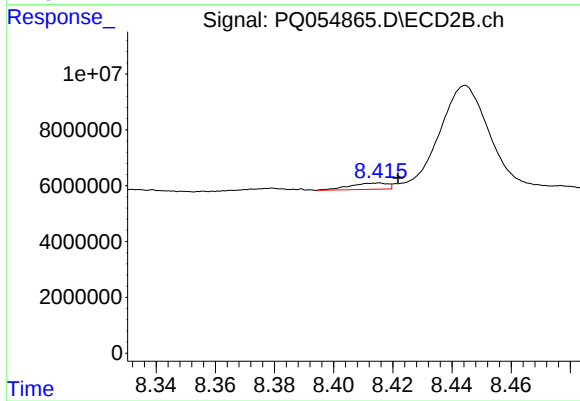
#37 AR-1262-2

R.T.: 8.124 min
Delta R.T.: -0.012 min
Response: 8236997
Conc: 3.72 ng/ml



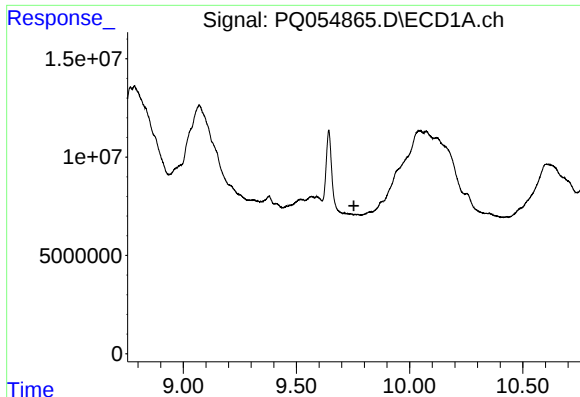
#38 AR-1262-3

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



#38 AR-1262-3

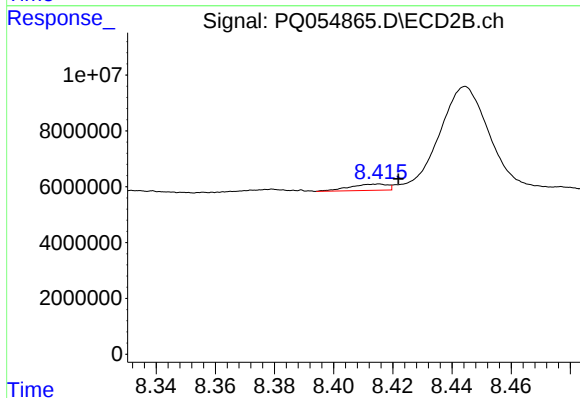
R.T.: 8.415 min
Delta R.T.: -0.006 min
Response: 2024480
Conc: 2.28 ng/ml



#41 AR-1268-1

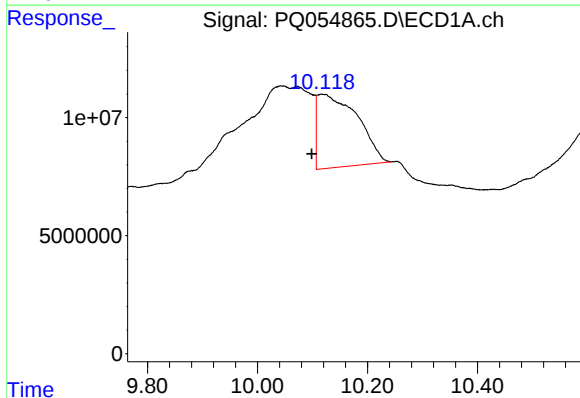
R.T.: 0.000 min
Exp R.T.: 9.754 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



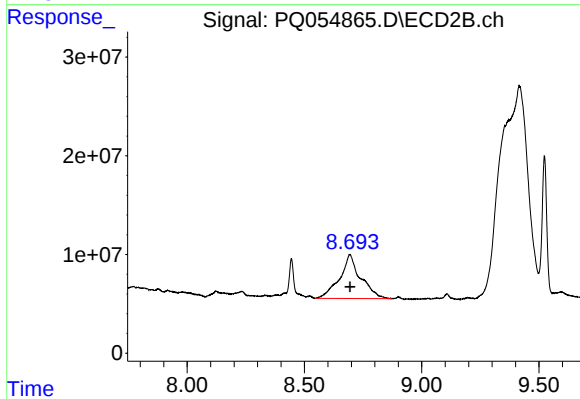
#41 AR-1268-1

R.T.: 8.415 min
Delta R.T.: -0.006 min
Response: 2024480
Conc: 0.75 ng/ml



#43 AR-1268-3

R.T.: 10.117 min
Delta R.T.: 0.018 min
Response: 157161014
Conc: 81.83 ng/ml



#43 AR-1268-3

R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 275667080
Conc: 136.79 ng/ml