

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051220\
 Data File : PQ047713.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2020 16:30
 Operator : AJ\MA
 Sample : L2182-08
 Misc : AR1268 50PPB LOQ
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 00:13:58 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 06 16:27:16 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...	5.103	4.259	393.9E6	68973095	20.523	20.953
2)	SA Decachlor...	11.175	9.641	526.9E6	78684569	24.229	24.122
Target Compounds							
3)	L1 AR-1016-1	6.442	5.536	4349407	294643	6.296	2.485 #
4)	L1 AR-1016-2	6.442	5.553	4349407	408501	4.492	2.572 #
5)	L1 AR-1016-3	6.503	0.000	3390753	0	5.809	N.D. #
6)	L1 AR-1016-4	0.000	5.866	0	554334	N.D.	8.390 #
7)	L1 AR-1016-5	6.932	6.034	2734102	3216489	5.693	36.044 #
8)	L2 AR-1221-1	0.000	4.467	0	636073	N.D.	18.513 #
9)	L2 AR-1221-2	5.455	4.620	5849398	832234	36.365	31.159
12)	L3 AR-1232-2	6.106	5.553	10099396	408501	51.182	6.277 #
13)	L3 AR-1232-3	6.442	0.000	4349407	0	10.832	N.D. #
14)	L3 AR-1232-4	0.000	5.866	0	554334	N.D.	18.915 #
15)	L3 AR-1232-5	0.000	6.034	0	3216489	N.D.	93.094 #
16)	L4 AR-1242-1	6.442	5.536	4349407	294643	7.830	3.053 #
17)	L4 AR-1242-2	6.442	5.553	4349407	408501	5.410	3.096 #
18)	L4 AR-1242-3	6.503	0.000	3390753	0	7.073	N.D. #
19)	L4 AR-1242-4	0.000	5.866	0	554334	N.D.	8.386 #
20)	L4 AR-1242-5	7.396	6.439	2629671	2272297	5.643	24.466 #
21)	L5 AR-1248-1	6.442	5.536	4349407	294643	11.234	4.424 #
22)	L5 AR-1248-2	0.000	5.866	0	554334	N.D.	6.635 #
23)	L5 AR-1248-3	6.932	5.866	2734102	554334	4.750	6.499 #
24)	L5 AR-1248-4	7.360	6.034	8587366	3216489	12.505	30.653 #
25)	L5 AR-1248-5	7.396	6.439	2629671	2272297	4.055	21.545 #
26)	L6 AR-1254-1	7.331	6.439	27933212	2272297	39.888	13.061 #
27)	L6 AR-1254-2	7.620	0.000	2718989	0	2.493	N.D. #
28)	L6 AR-1254-3	7.950	0.000	4639986	0	3.988	N.D. #
29)	L6 AR-1254-4	8.237	0.000	14253896	0	14.753	N.D. #
30)	L6 AR-1254-5	0.000	7.703	0	4381526	N.D.	20.935 #
31)	L7 AR-1260-1	8.137	0.000	11282426	0	13.038	N.D. #
32)	L7 AR-1260-2	0.000	7.317	0	829178	N.D.	4.218 #
33)	L7 AR-1260-3	8.738	0.000	26385513	0	27.179	N.D. #
34)	L7 AR-1260-4	8.992	7.964	37069567	5602975	38.178	37.136
35)	L7 AR-1260-5	9.304	8.215	13877193	2164566	6.104	5.585
36)	L8 AR-1262-1	8.738	7.703	26385513	4381526	19.092	39.555 #
37)	L8 AR-1262-2	9.304	8.215	13877193	2164566	5.364	5.134
38)	L8 AR-1262-3	9.625	8.502	150.4E6	22743569	86.567	141.180 #
39)	L8 AR-1262-4	9.723	8.568	138.9E6	22600396	103.293	73.850 #
40)	L8 AR-1262-5	10.401	9.074	54076595	7915776	55.127	55.260
41)	L9 AR-1268-1	9.625	8.502	150.4E6	22743569	41.852	41.346
42)	L9 AR-1268-2	9.723	8.568	138.9E6	22600396	43.259	44.443
43)	L9 AR-1268-3	9.958	8.776	123.2E6	17464390	44.233	42.150

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Sample : L2182-08
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ALS Vial : 27 Sample Multiplier: 1

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Integration File signal 1: autoint1.e
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Quant Time: May 13 00:13:58 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050520.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed May 06 16:27:16 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
44)	L9 AR-1268-4	10.401	9.074	54076595	7915776	46.598	46.472
45)	L9 AR-1268-5	10.828	9.377	361.5E6	54199556	45.257	41.499

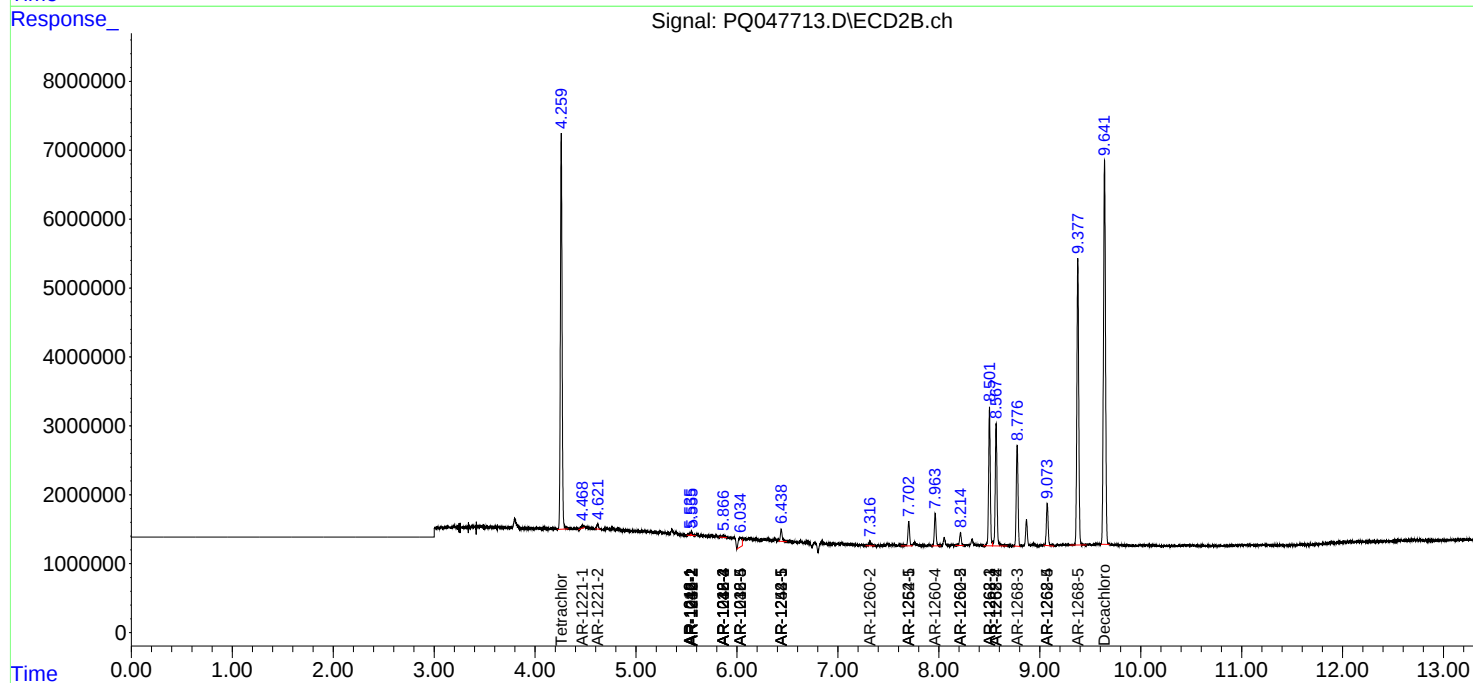
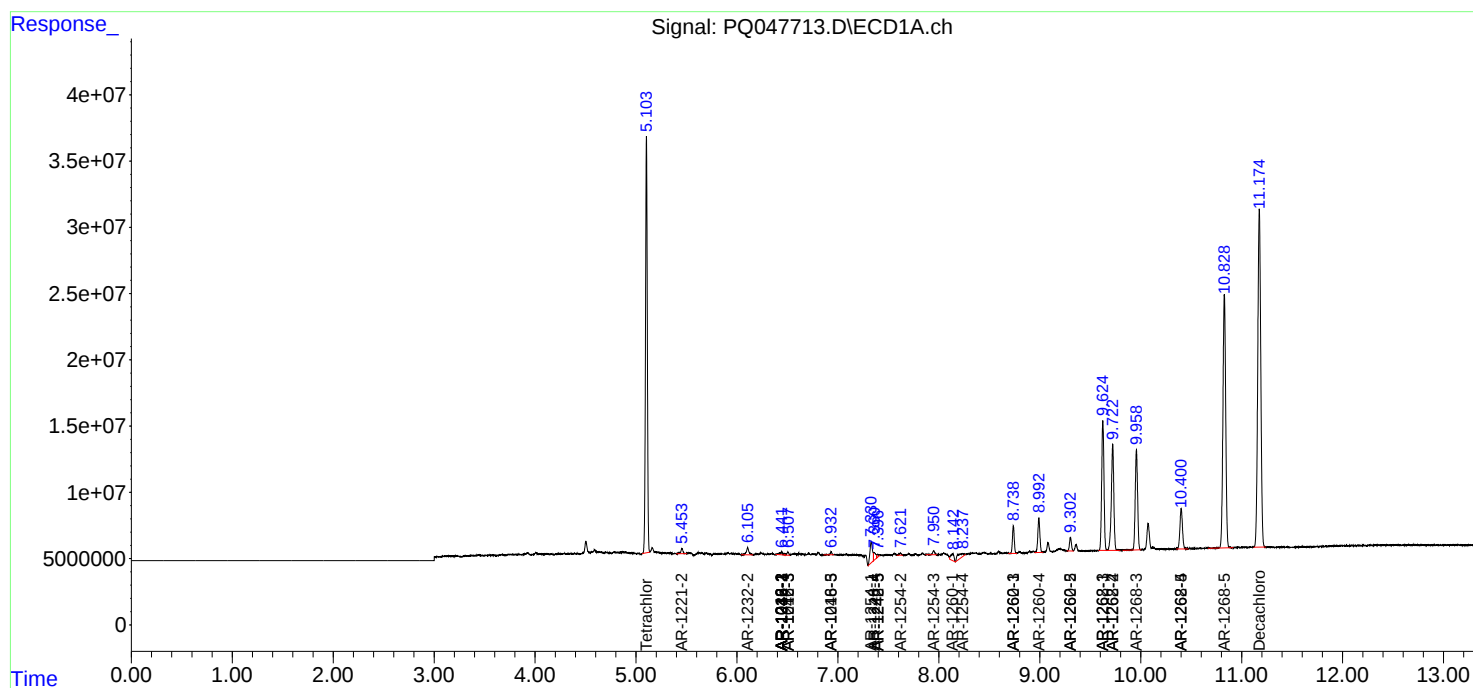
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

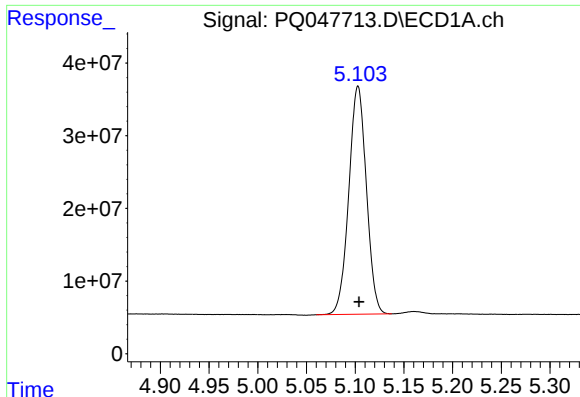
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051220\
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Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

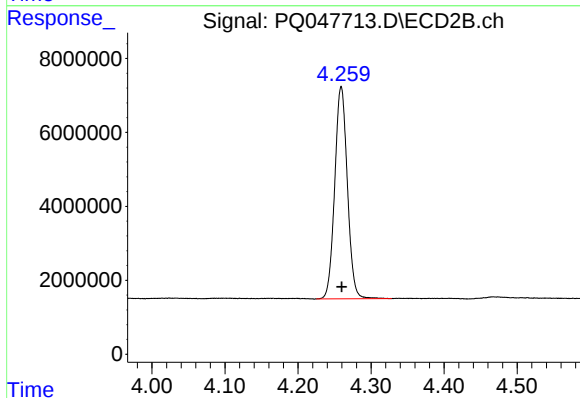




#1 Tetrachloro-m-xylene

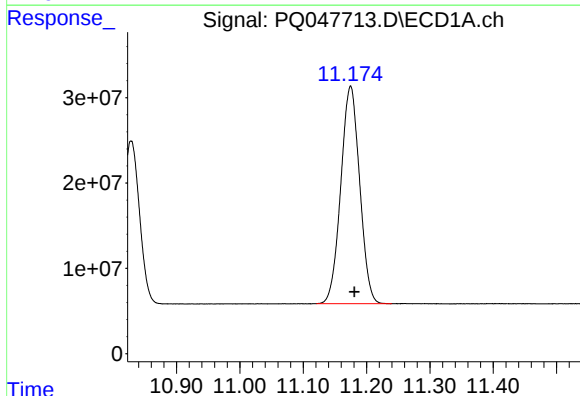
R.T.: 5.103 min
Delta R.T.: -0.001 min
Response: 393857094
Conc: 20.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



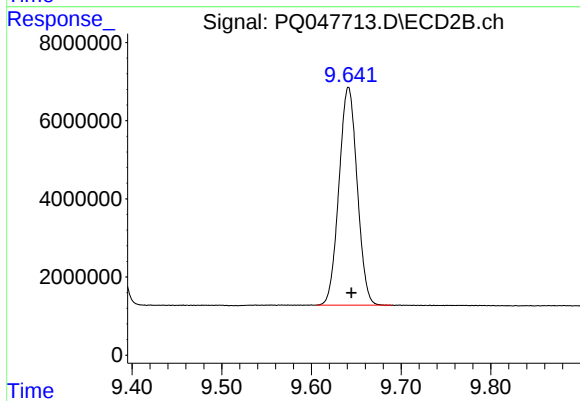
#1 Tetrachloro-m-xylene

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 68973095
Conc: 20.95 ng/ml



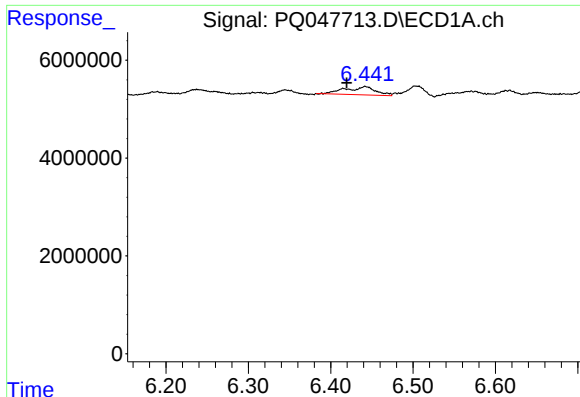
#2 Decachlorobiphenyl

R.T.: 11.175 min
Delta R.T.: -0.006 min
Response: 526943204
Conc: 24.23 ng/ml



#2 Decachlorobiphenyl

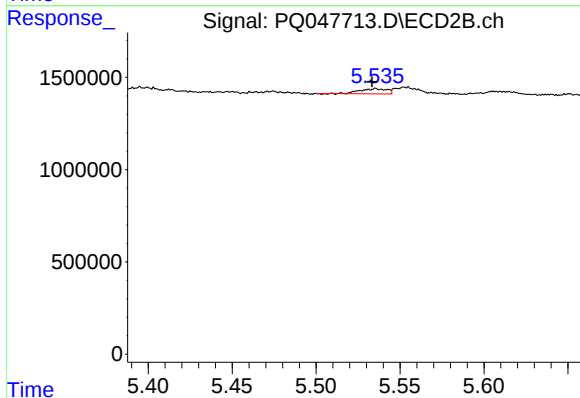
R.T.: 9.641 min
Delta R.T.: -0.003 min
Response: 78684569
Conc: 24.12 ng/ml



#3 AR-1016-1

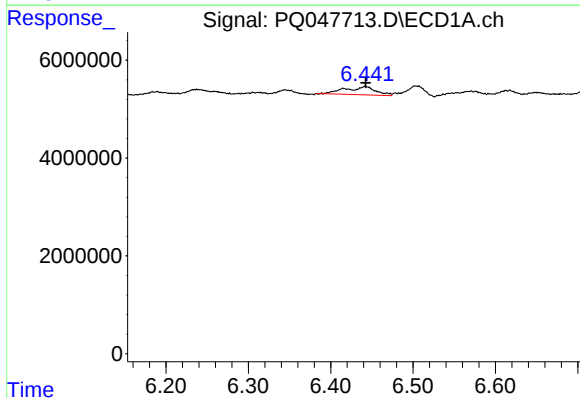
R.T.: 6.442 min
Delta R.T.: 0.022 min
Response: 4349407
Conc: 6.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



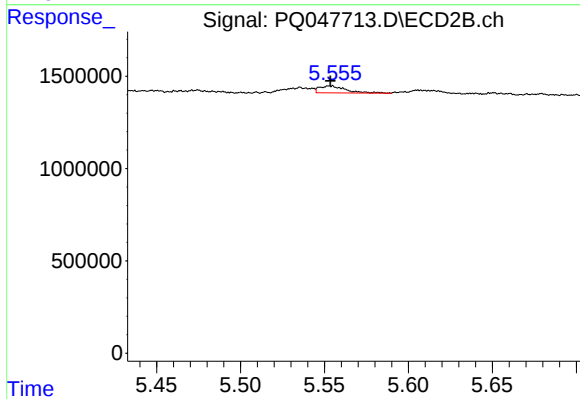
#3 AR-1016-1

R.T.: 5.536 min
Delta R.T.: 0.002 min
Response: 294643
Conc: 2.49 ng/ml



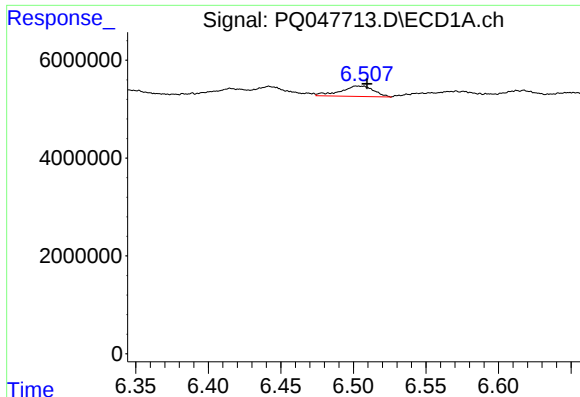
#4 AR-1016-2

R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 4349407
Conc: 4.49 ng/ml



#4 AR-1016-2

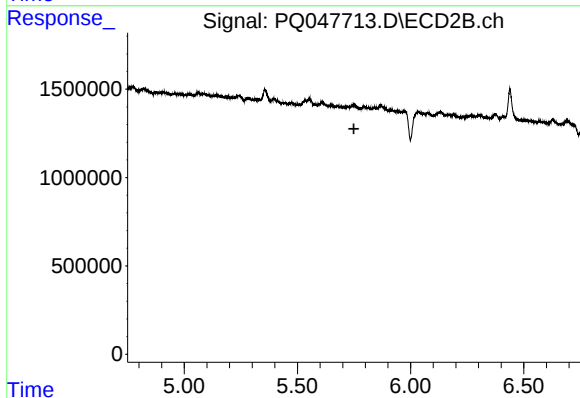
R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 408501
Conc: 2.57 ng/ml



#5 AR-1016-3

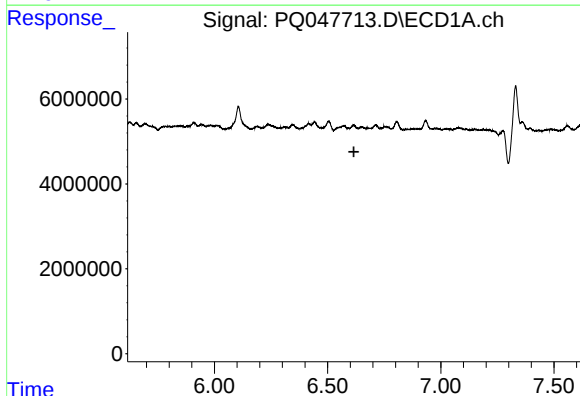
R.T.: 6.503 min
Delta R.T.: -0.007 min
Response: 3390753
Conc: 5.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



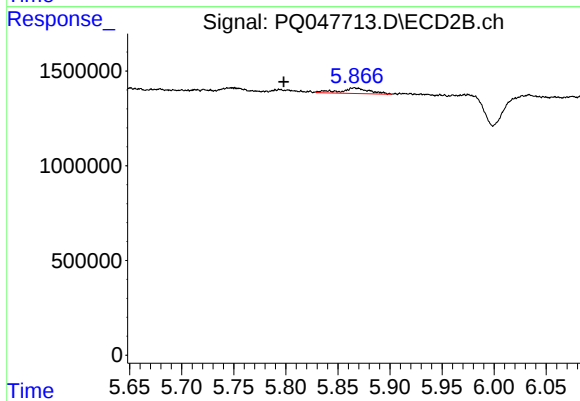
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.750 min
Response: 0
Conc: N.D.



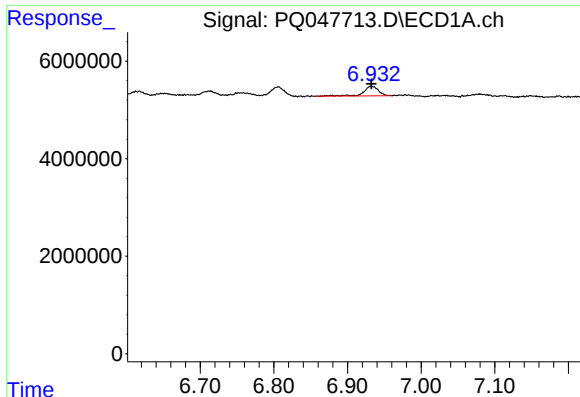
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.616 min
Response: 0
Conc: N.D.



#6 AR-1016-4

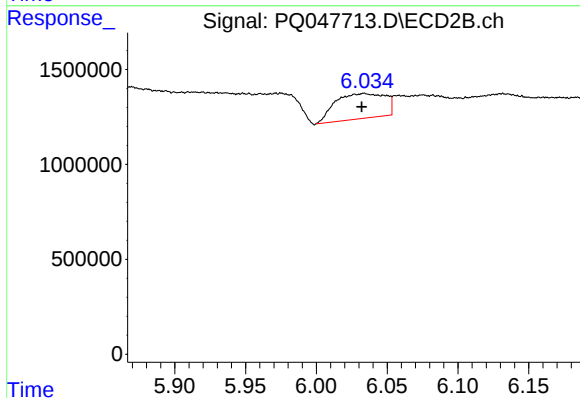
R.T.: 5.866 min
Delta R.T.: 0.068 min
Response: 554334
Conc: 8.39 ng/ml



#7 AR-1016-5

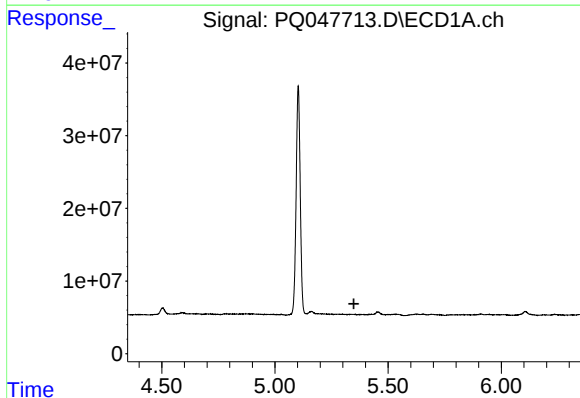
R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 2734102
Conc: 5.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



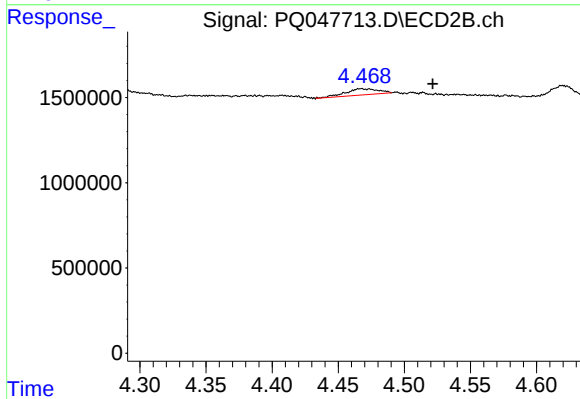
#7 AR-1016-5

R.T.: 6.034 min
Delta R.T.: 0.002 min
Response: 3216489
Conc: 36.04 ng/ml



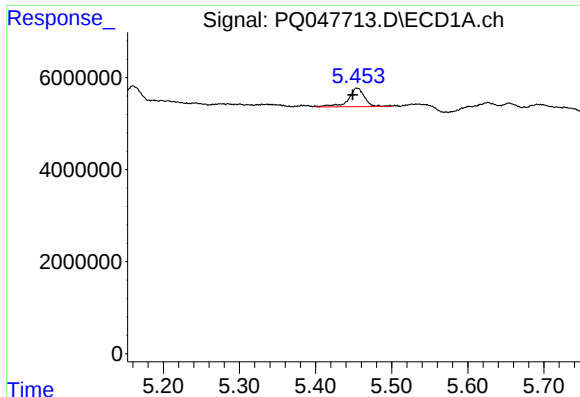
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.349 min
Response: 0
Conc: N.D.



#8 AR-1221-1

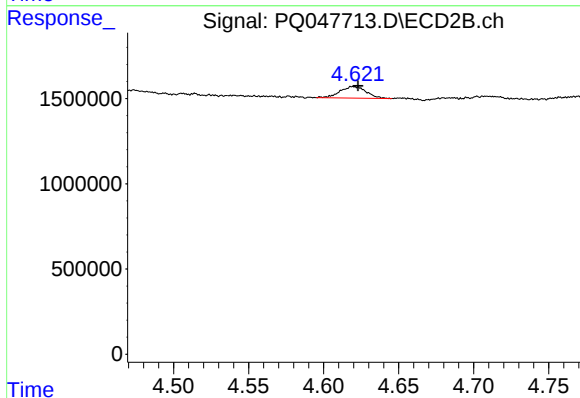
R.T.: 4.467 min
Delta R.T.: -0.054 min
Response: 636073
Conc: 18.51 ng/ml



#9 AR-1221-2

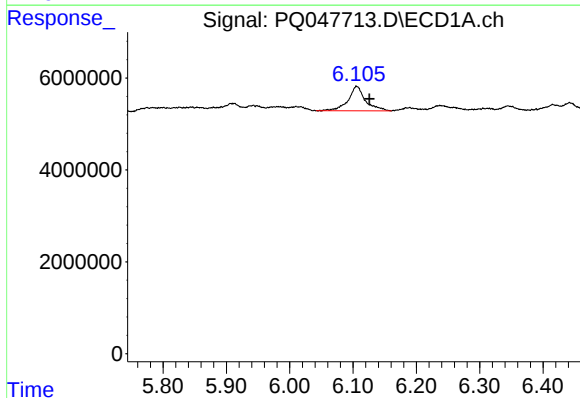
R.T.: 5.455 min
Delta R.T.: 0.006 min
Response: 5849398
Conc: 36.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



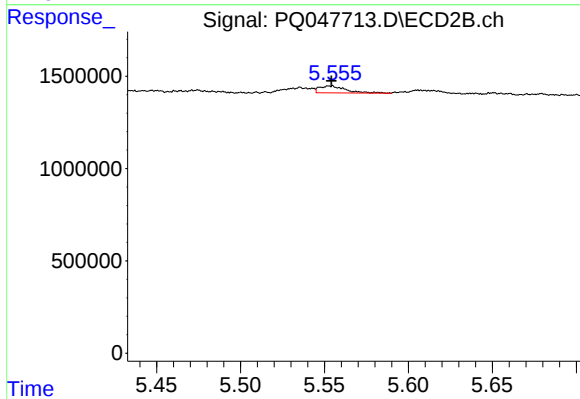
#9 AR-1221-2

R.T.: 4.620 min
Delta R.T.: -0.003 min
Response: 832234
Conc: 31.16 ng/ml



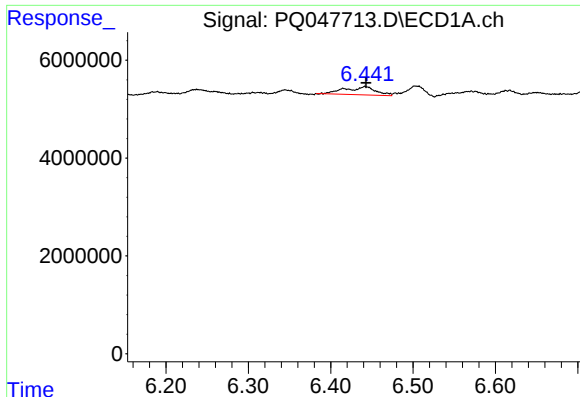
#12 AR-1232-2

R.T.: 6.106 min
Delta R.T.: -0.020 min
Response: 10099396
Conc: 51.18 ng/ml



#12 AR-1232-2

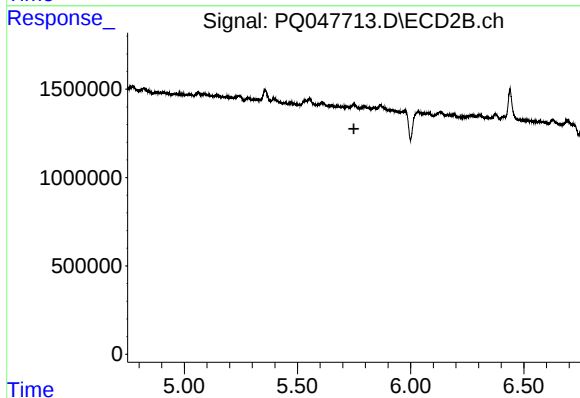
R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 408501
Conc: 6.28 ng/ml



#13 AR-1232-3

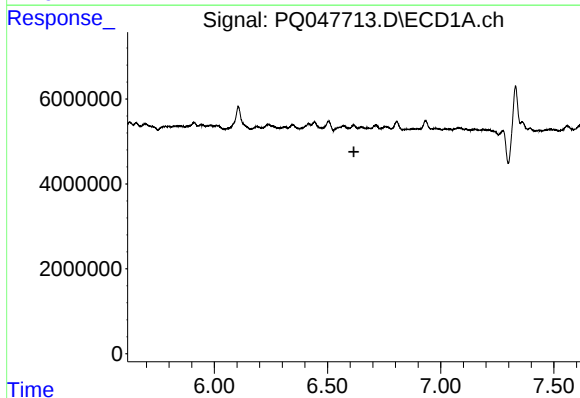
R.T.: 6.442 min
Delta R.T.: 0.000 min
Response: 4349407
Conc: 10.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



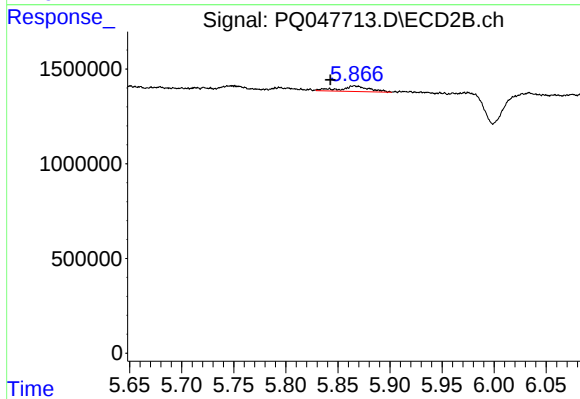
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.749 min
Response: 0
Conc: N.D.



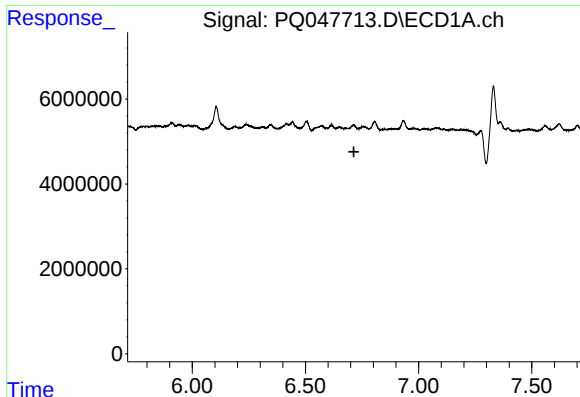
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.617 min
Response: 0
Conc: N.D.



#14 AR-1232-4

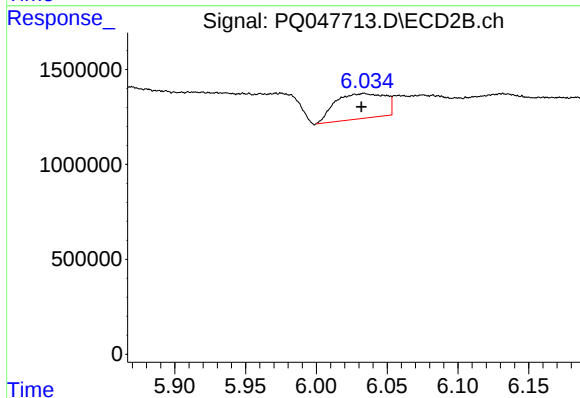
R.T.: 5.866 min
Delta R.T.: 0.023 min
Response: 554334
Conc: 18.91 ng/ml



#15 AR-1232-5

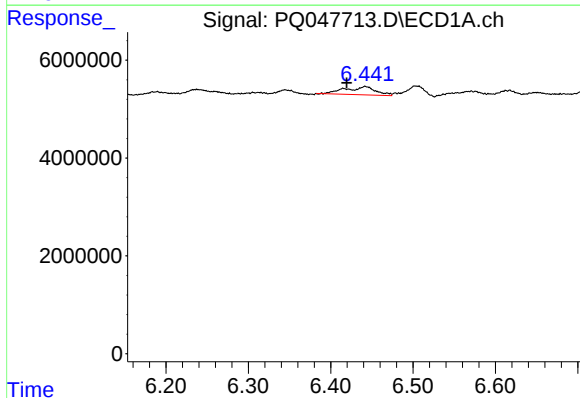
R.T.: 0.000 min
Exp R.T.: 6.714 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



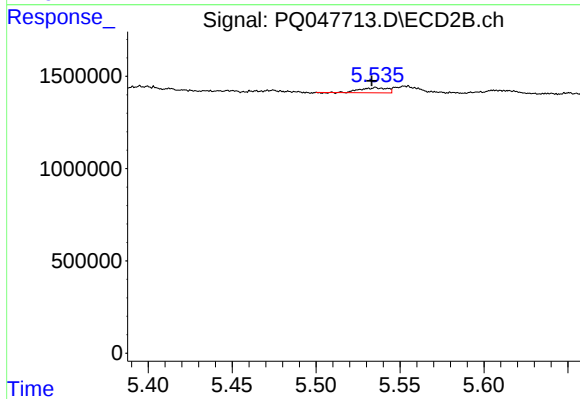
#15 AR-1232-5

R.T.: 6.034 min
Delta R.T.: 0.002 min
Response: 3216489
Conc: 93.09 ng/ml



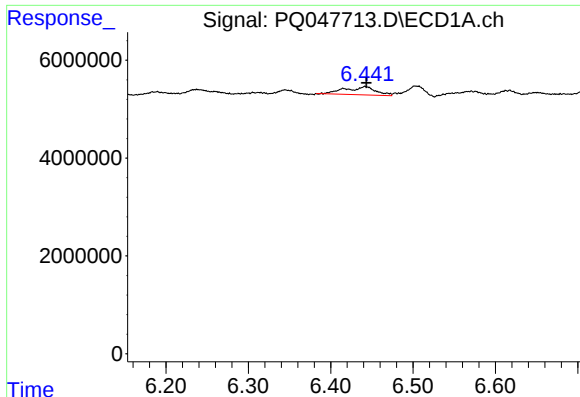
#16 AR-1242-1

R.T.: 6.442 min
Delta R.T.: 0.022 min
Response: 4349407
Conc: 7.83 ng/ml



#16 AR-1242-1

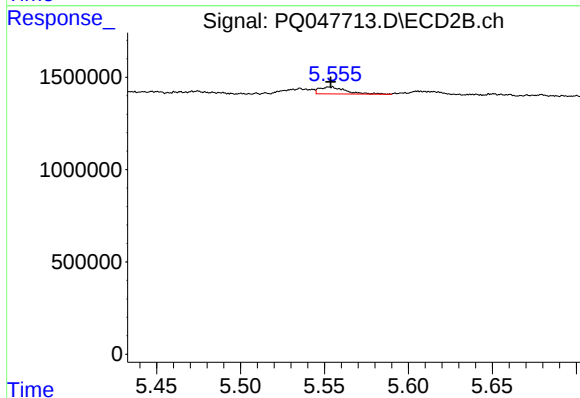
R.T.: 5.536 min
Delta R.T.: 0.002 min
Response: 294643
Conc: 3.05 ng/ml



#17 AR-1242-2

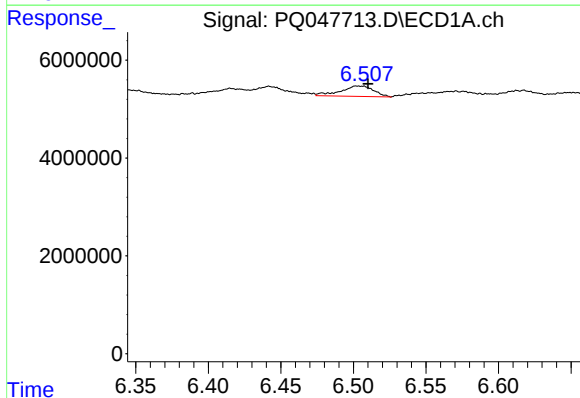
R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 4349407
Conc: 5.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



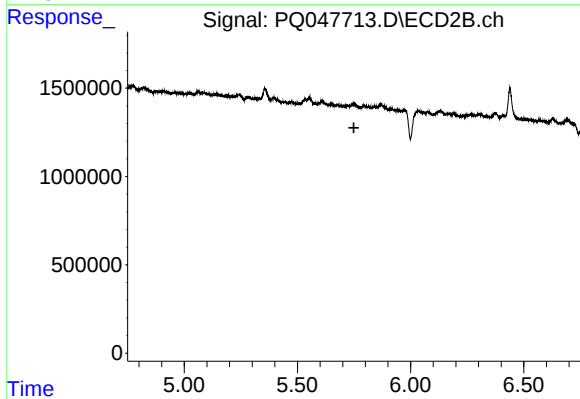
#17 AR-1242-2

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 408501
Conc: 3.10 ng/ml



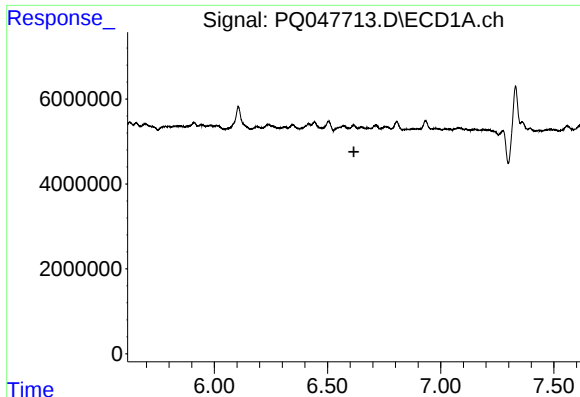
#18 AR-1242-3

R.T.: 6.503 min
Delta R.T.: -0.007 min
Response: 3390753
Conc: 7.07 ng/ml



#18 AR-1242-3

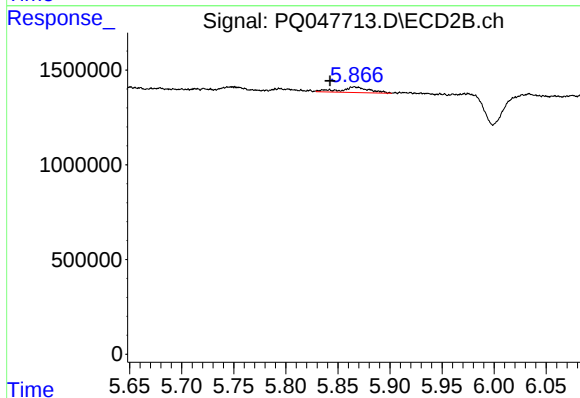
R.T.: 0.000 min
Exp R.T.: 5.749 min
Response: 0
Conc: N.D.



#19 AR-1242-4

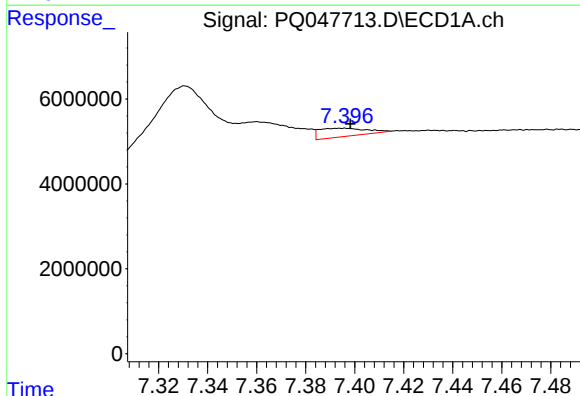
R.T.: 0.000 min
Exp R.T.: 6.617 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



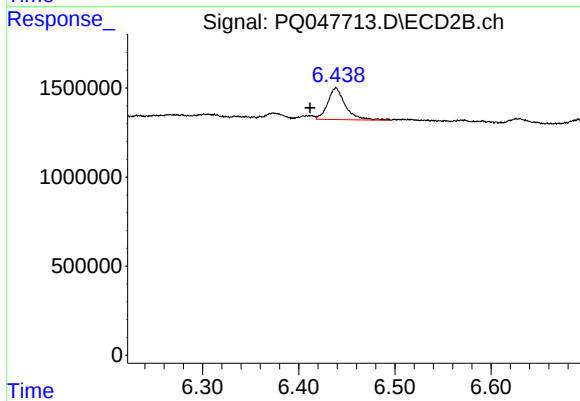
#19 AR-1242-4

R.T.: 5.866 min
Delta R.T.: 0.023 min
Response: 554334
Conc: 8.39 ng/ml



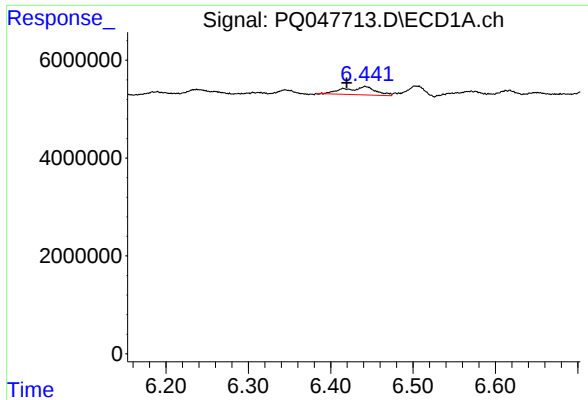
#20 AR-1242-5

R.T.: 7.396 min
Delta R.T.: -0.002 min
Response: 2629671
Conc: 5.64 ng/ml



#20 AR-1242-5

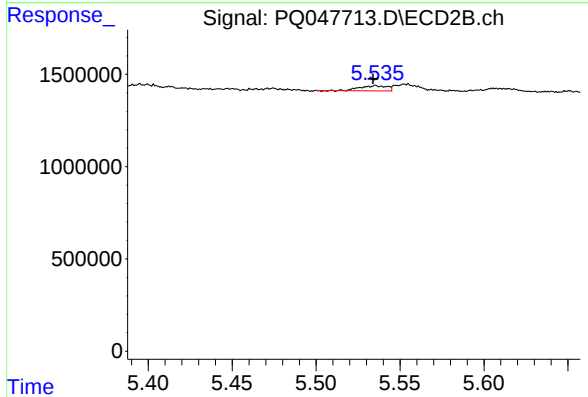
R.T.: 6.439 min
Delta R.T.: 0.027 min
Response: 2272297
Conc: 24.47 ng/ml



#21 AR-1248-1

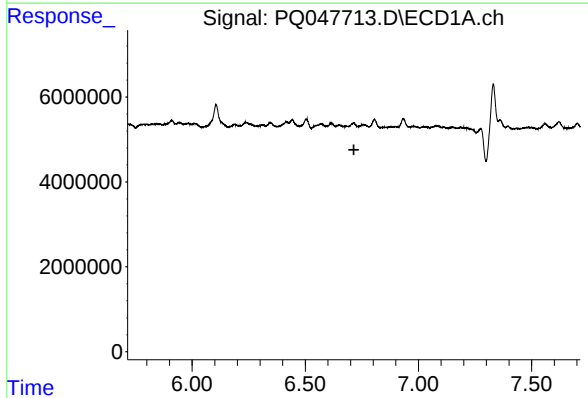
R.T.: 6.442 min
Delta R.T.: 0.023 min
Response: 4349407
Conc: 11.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



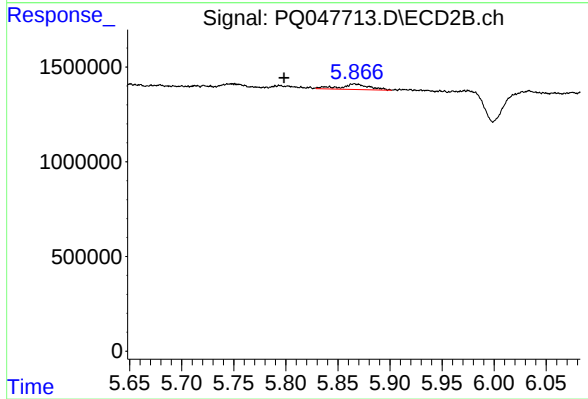
#21 AR-1248-1

R.T.: 5.536 min
Delta R.T.: 0.002 min
Response: 294643
Conc: 4.42 ng/ml



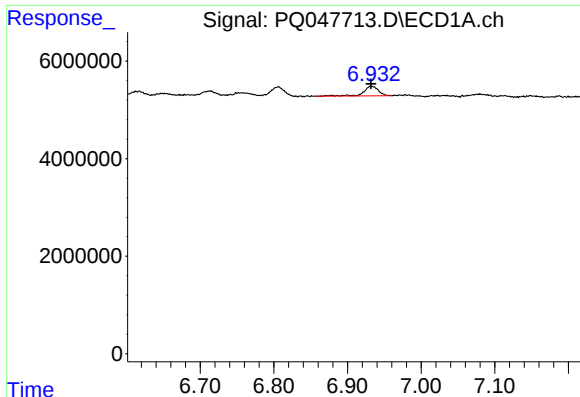
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.715 min
Response: 0
Conc: N.D.



#22 AR-1248-2

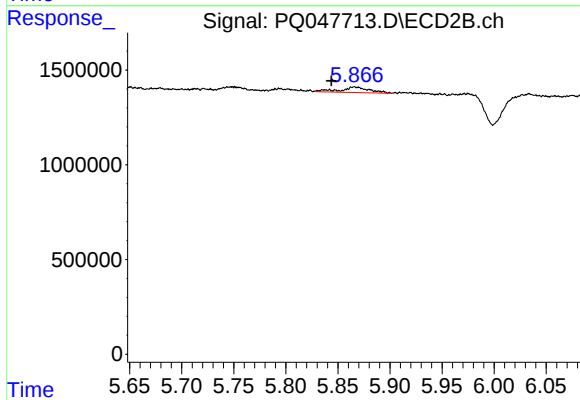
R.T.: 5.866 min
Delta R.T.: 0.067 min
Response: 554334
Conc: 6.63 ng/ml



#23 AR-1248-3

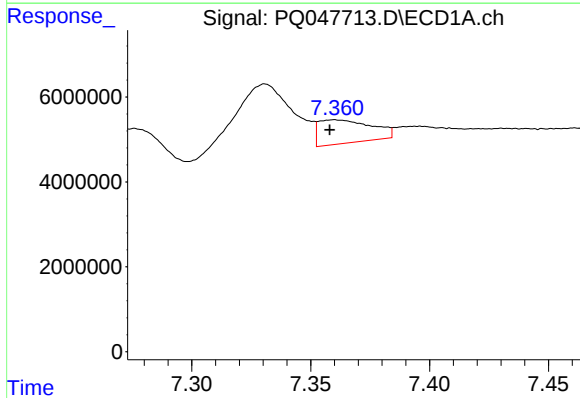
R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 2734102
Conc: 4.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



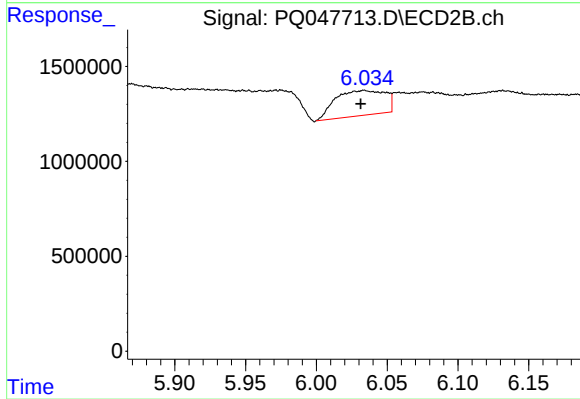
#23 AR-1248-3

R.T.: 5.866 min
Delta R.T.: 0.022 min
Response: 554334
Conc: 6.50 ng/ml



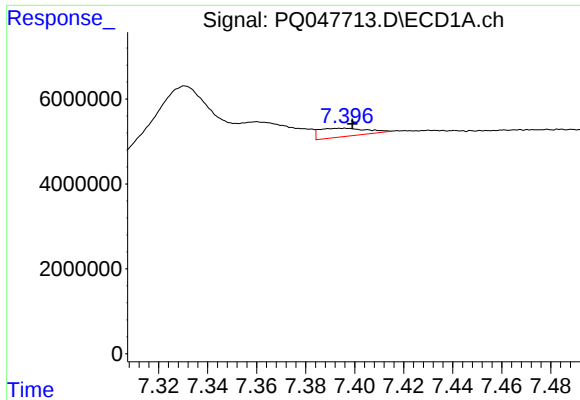
#24 AR-1248-4

R.T.: 7.360 min
Delta R.T.: 0.002 min
Response: 8587366
Conc: 12.50 ng/ml



#24 AR-1248-4

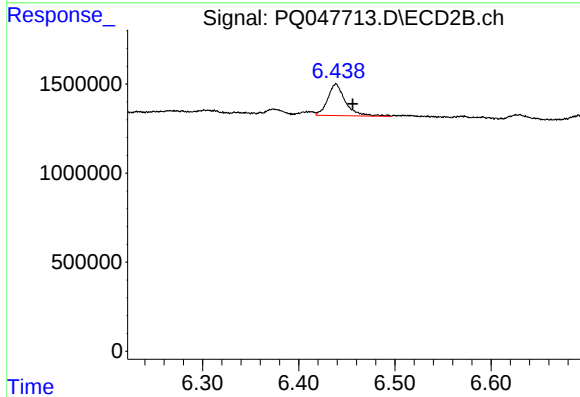
R.T.: 6.034 min
Delta R.T.: 0.003 min
Response: 3216489
Conc: 30.65 ng/ml



#25 AR-1248-5

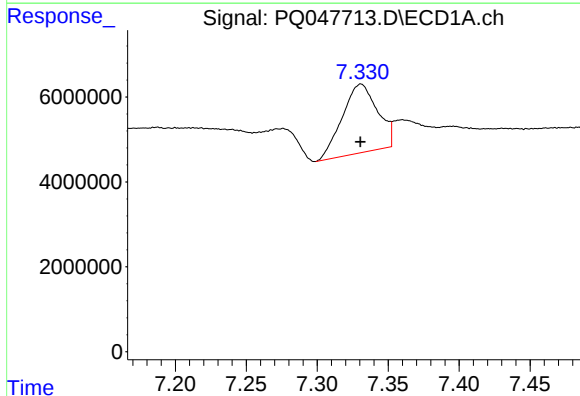
R.T.: 7.396 min
Delta R.T.: -0.003 min
Response: 2629671
Conc: 4.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



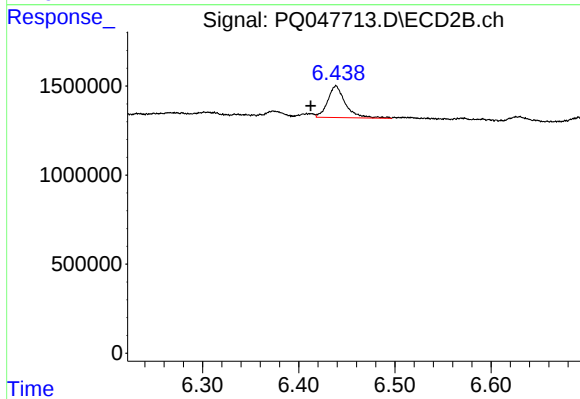
#25 AR-1248-5

R.T.: 6.439 min
Delta R.T.: -0.017 min
Response: 2272297
Conc: 21.55 ng/ml



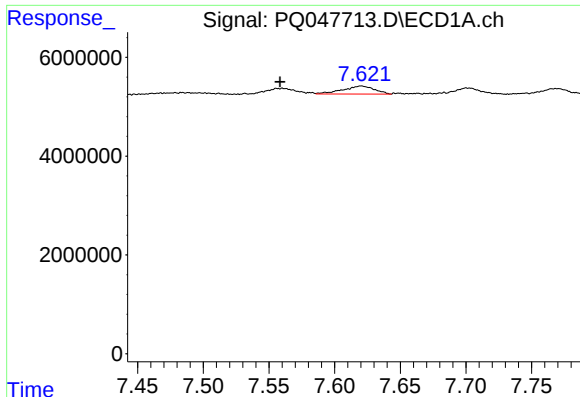
#26 AR-1254-1

R.T.: 7.331 min
Delta R.T.: 0.000 min
Response: 27933212
Conc: 39.89 ng/ml



#26 AR-1254-1

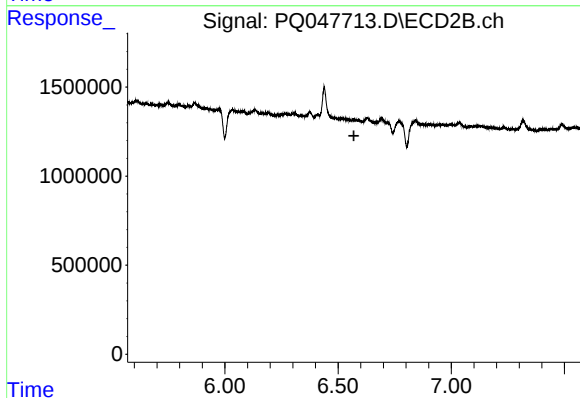
R.T.: 6.439 min
Delta R.T.: 0.026 min
Response: 2272297
Conc: 13.06 ng/ml



#27 AR-1254-2

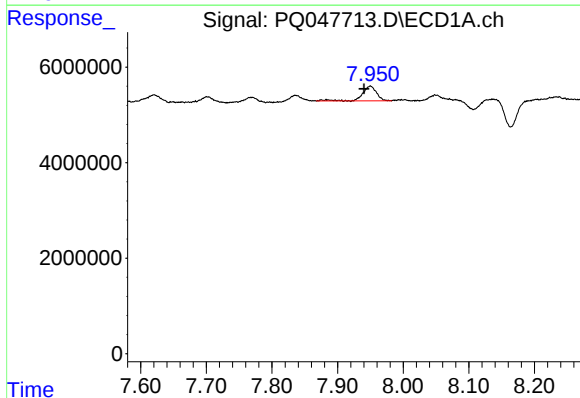
R.T.: 7.620 min
Delta R.T.: 0.062 min
Response: 2718989
Conc: 2.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



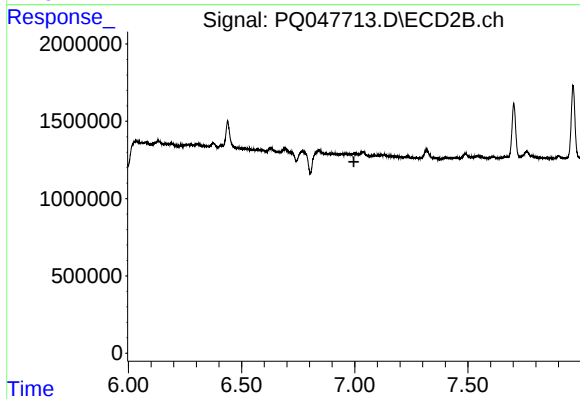
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.570 min
Response: 0
Conc: N.D.



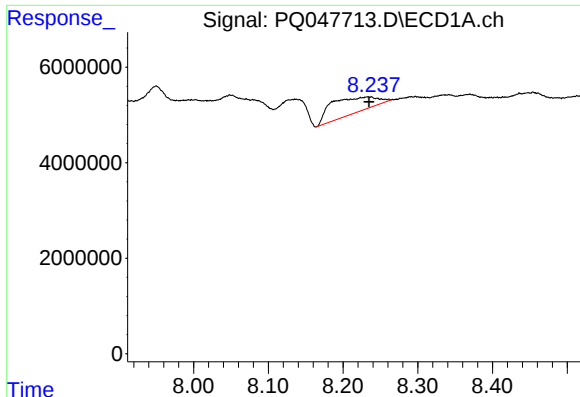
#28 AR-1254-3

R.T.: 7.950 min
Delta R.T.: 0.010 min
Response: 4639986
Conc: 3.99 ng/ml



#28 AR-1254-3

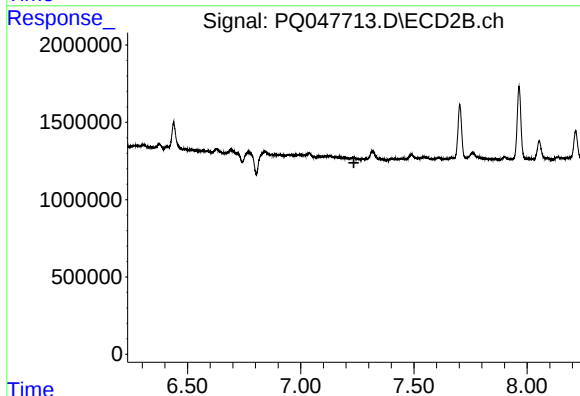
R.T.: 0.000 min
Exp R.T. : 6.996 min
Response: 0
Conc: N.D.



#29 AR-1254-4

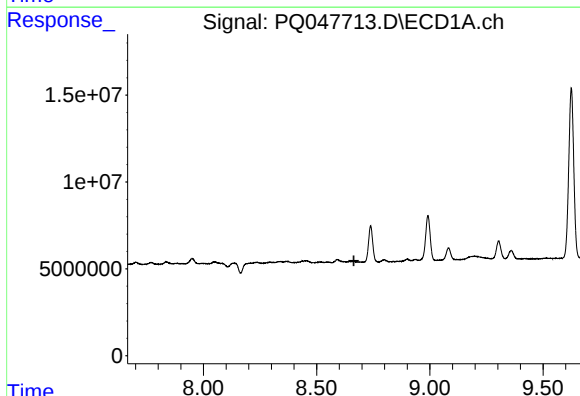
R.T.: 8.237 min
Delta R.T.: 0.003 min
Response: 14253896
Conc: 14.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



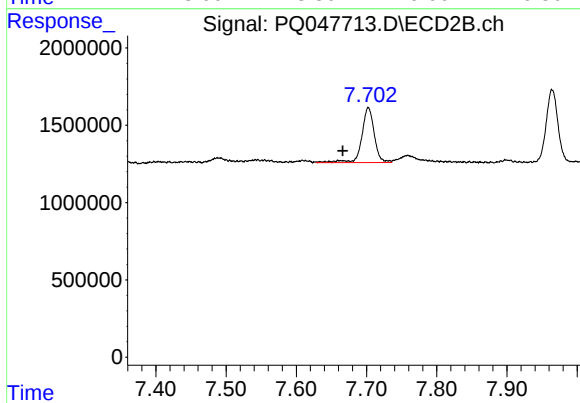
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 7.235 min
Response: 0
Conc: N.D.



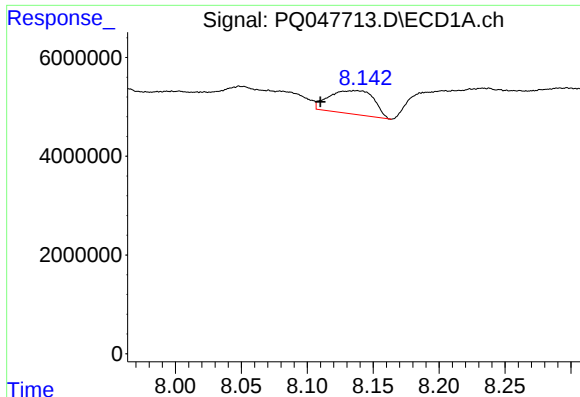
#30 AR-1254-5

R.T.: 0.000 min
Exp R.T. : 8.665 min
Response: 0
Conc: N.D.



#30 AR-1254-5

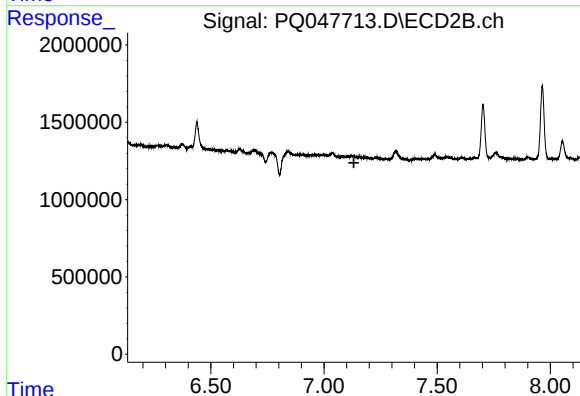
R.T.: 7.703 min
Delta R.T.: 0.037 min
Response: 4381526
Conc: 20.94 ng/ml



#31 AR-1260-1

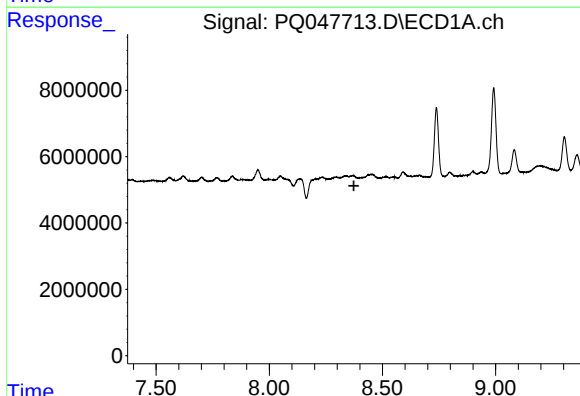
R.T.: 8.137 min
Delta R.T.: 0.027 min
Response: 11282426
Conc: 13.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



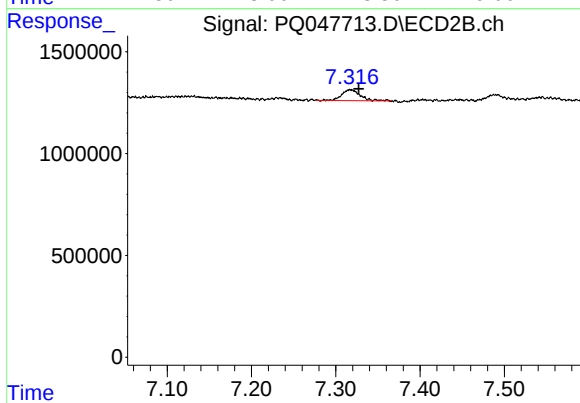
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.132 min
Response: 0
Conc: N.D.



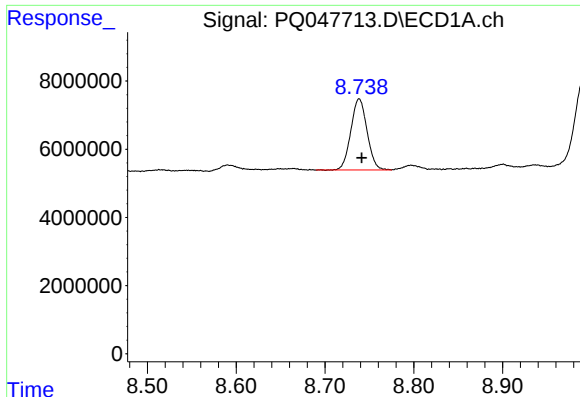
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 8.374 min
Response: 0
Conc: N.D.



#32 AR-1260-2

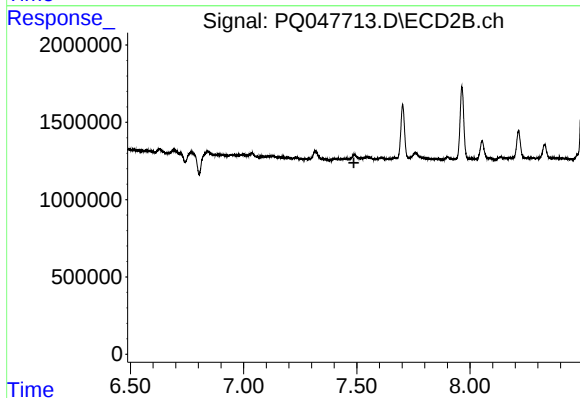
R.T.: 7.317 min
Delta R.T.: -0.010 min
Response: 829178
Conc: 4.22 ng/ml



#33 AR-1260-3

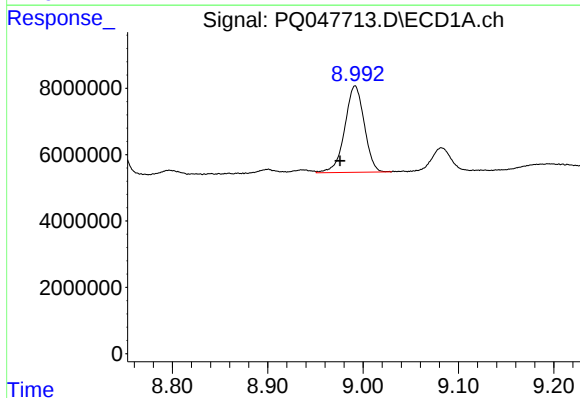
R.T.: 8.738 min
Delta R.T.: -0.003 min
Response: 26385513
Conc: 27.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



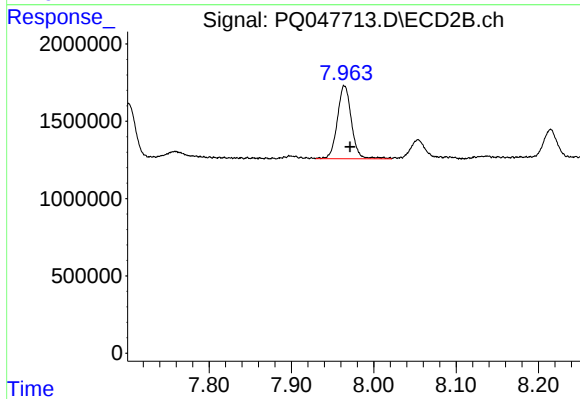
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.487 min
Response: 0
Conc: N.D.



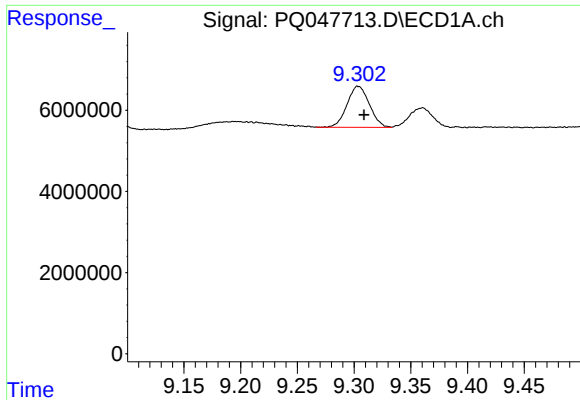
#34 AR-1260-4

R.T.: 8.992 min
Delta R.T.: 0.016 min
Response: 37069567
Conc: 38.18 ng/ml



#34 AR-1260-4

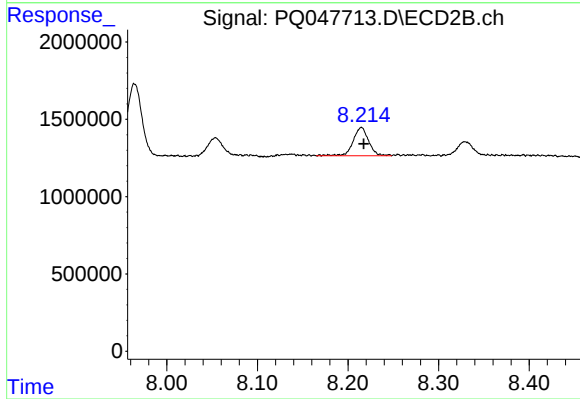
R.T.: 7.964 min
Delta R.T.: -0.007 min
Response: 5602975
Conc: 37.14 ng/ml



#35 AR-1260-5

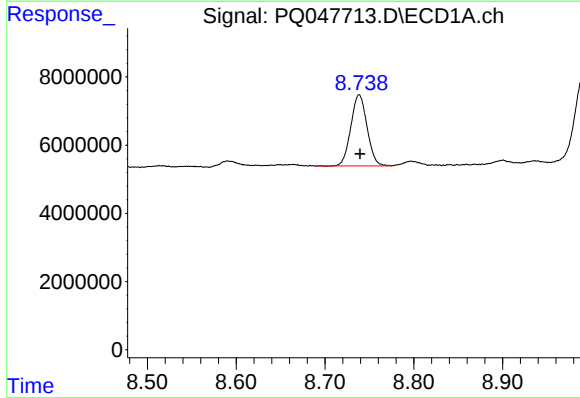
R.T.: 9.304 min
Delta R.T.: -0.005 min
Response: 13877193
Conc: 6.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



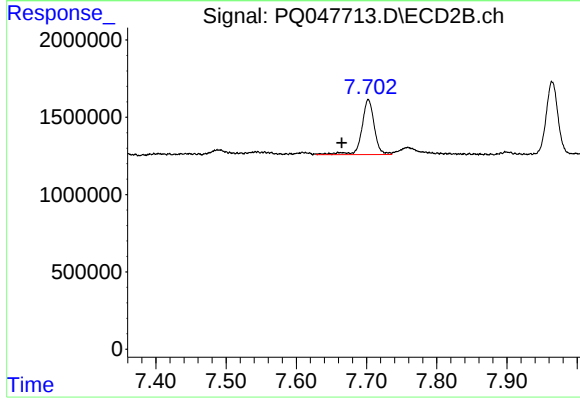
#35 AR-1260-5

R.T.: 8.215 min
Delta R.T.: -0.002 min
Response: 2164566
Conc: 5.59 ng/ml



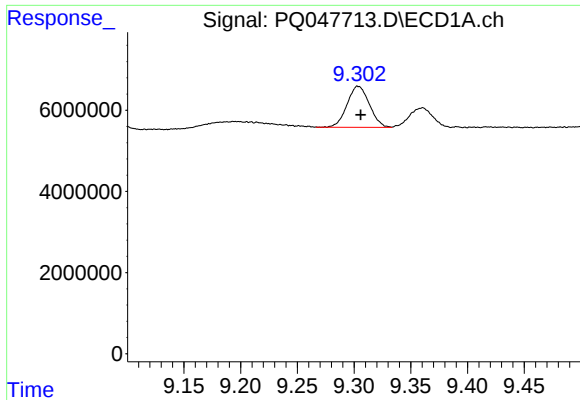
#36 AR-1262-1

R.T.: 8.738 min
Delta R.T.: 0.000 min
Response: 26385513
Conc: 19.09 ng/ml



#36 AR-1262-1

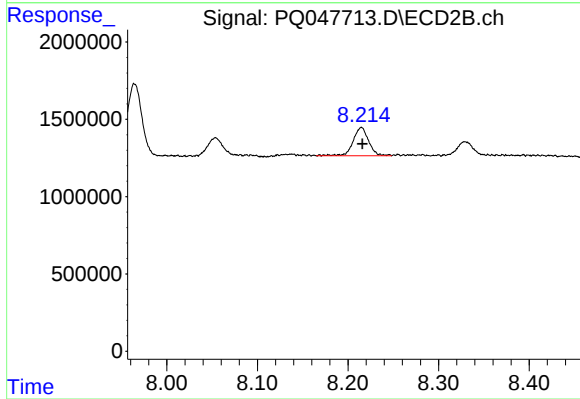
R.T.: 7.703 min
Delta R.T.: 0.038 min
Response: 4381526
Conc: 39.56 ng/ml



#37 AR-1262-2

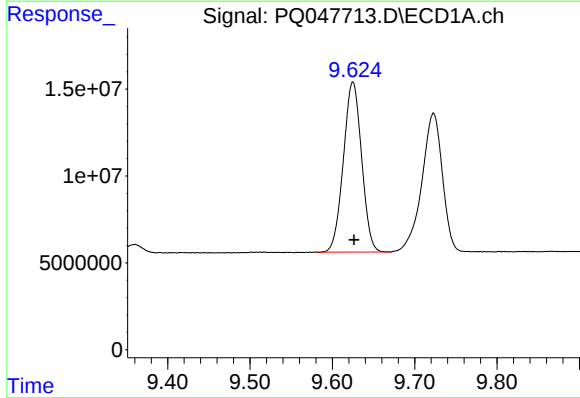
R.T.: 9.304 min
Delta R.T.: -0.002 min
Response: 13877193
Conc: 5.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



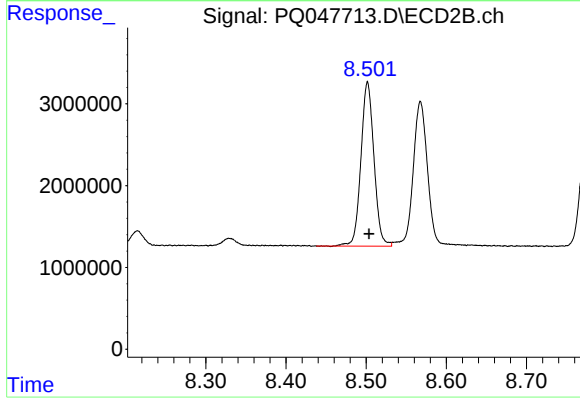
#37 AR-1262-2

R.T.: 8.215 min
Delta R.T.: -0.001 min
Response: 2164566
Conc: 5.13 ng/ml



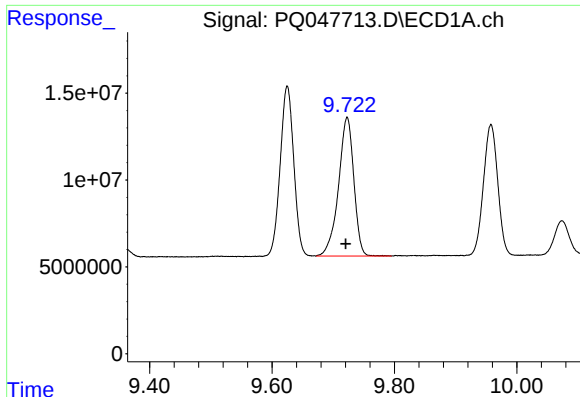
#38 AR-1262-3

R.T.: 9.625 min
Delta R.T.: -0.002 min
Response: 150422753
Conc: 86.57 ng/ml



#38 AR-1262-3

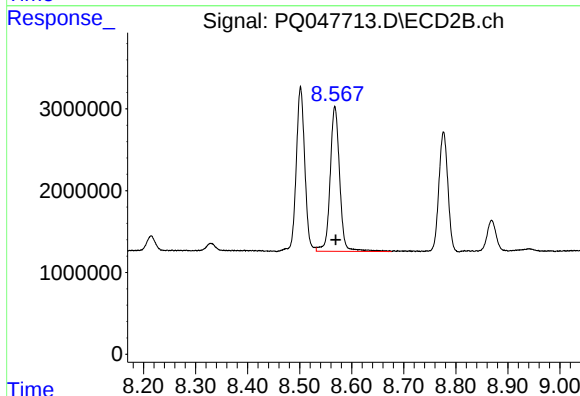
R.T.: 8.502 min
Delta R.T.: -0.002 min
Response: 22743569
Conc: 141.18 ng/ml



#39 AR-1262-4

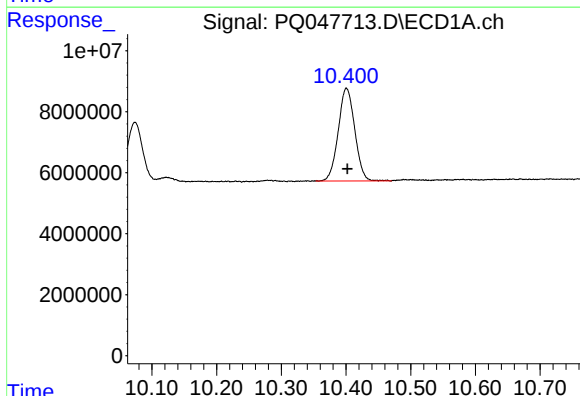
R.T.: 9.723 min
Delta R.T.: 0.002 min
Response: 138903836
Conc: 103.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



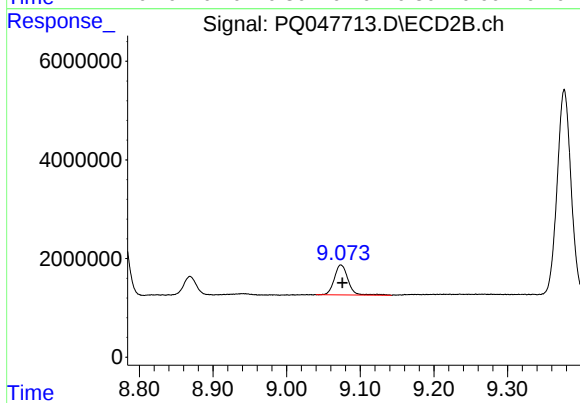
#39 AR-1262-4

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 22600396
Conc: 73.85 ng/ml



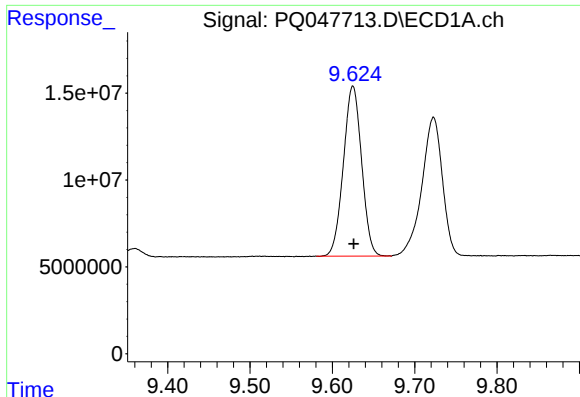
#40 AR-1262-5

R.T.: 10.401 min
Delta R.T.: -0.001 min
Response: 54076595
Conc: 55.13 ng/ml



#40 AR-1262-5

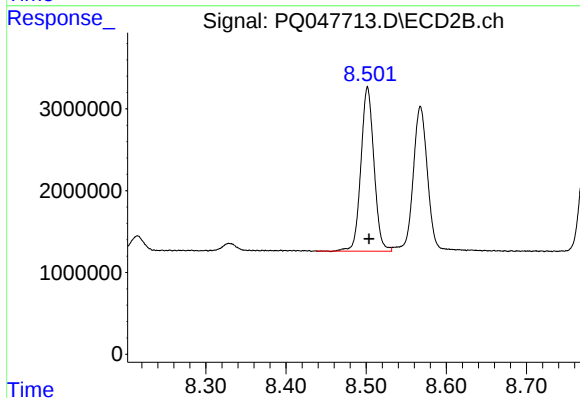
R.T.: 9.074 min
Delta R.T.: -0.002 min
Response: 7915776
Conc: 55.26 ng/ml



#41 AR-1268-1

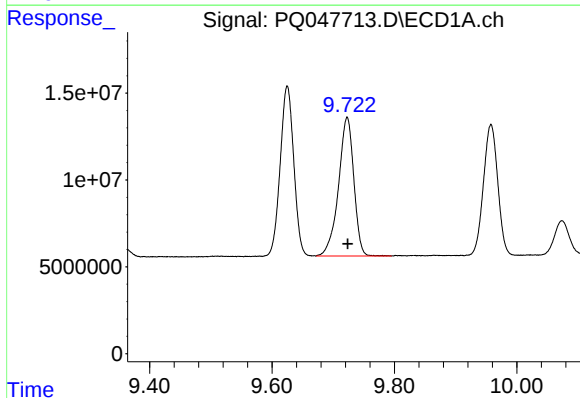
R.T.: 9.625 min
Delta R.T.: -0.001 min
Response: 150422753
Conc: 41.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



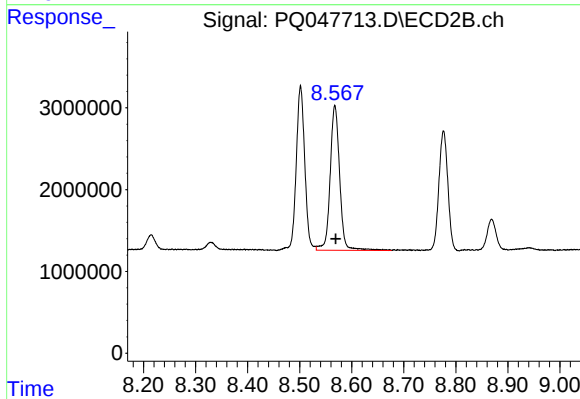
#41 AR-1268-1

R.T.: 8.502 min
Delta R.T.: -0.002 min
Response: 22743569
Conc: 41.35 ng/ml



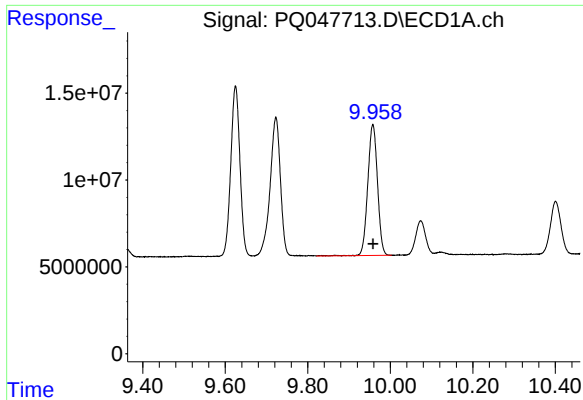
#42 AR-1268-2

R.T.: 9.723 min
Delta R.T.: 0.000 min
Response: 138903836
Conc: 43.26 ng/ml



#42 AR-1268-2

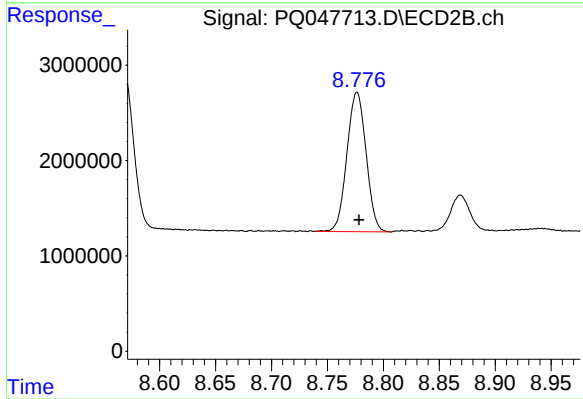
R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 22600396
Conc: 44.44 ng/ml



#43 AR-1268-3

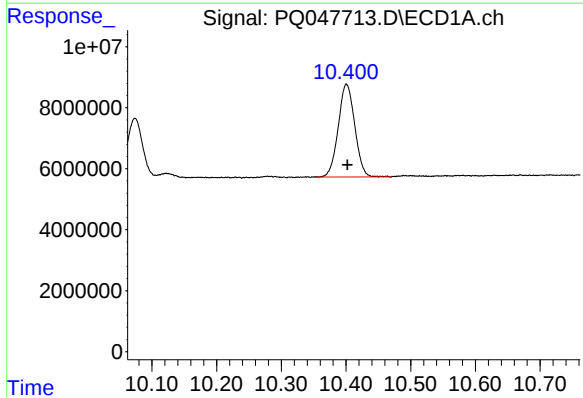
R.T.: 9.958 min
Delta R.T.: 0.000 min
Response: 123174952
Conc: 44.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



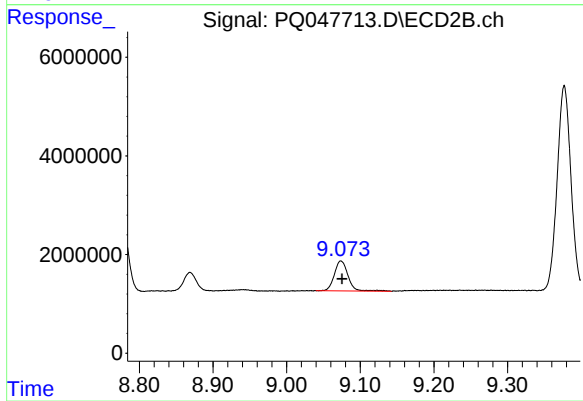
#43 AR-1268-3

R.T.: 8.776 min
Delta R.T.: -0.002 min
Response: 17464390
Conc: 42.15 ng/ml



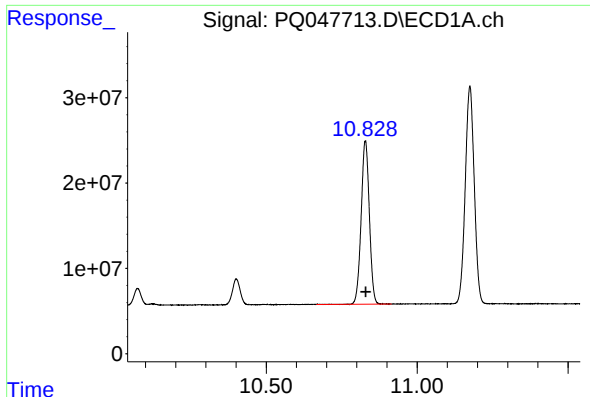
#44 AR-1268-4

R.T.: 10.401 min
Delta R.T.: -0.002 min
Response: 54076595
Conc: 46.60 ng/ml



#44 AR-1268-4

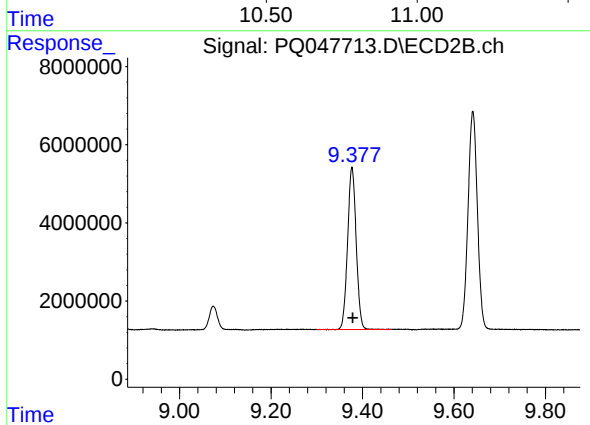
R.T.: 9.074 min
Delta R.T.: -0.002 min
Response: 7915776
Conc: 46.47 ng/ml



#45 AR-1268-5

R.T.: 10.828 min
Delta R.T.: -0.001 min
Response: 361529577
Conc: 45.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.377 min
Delta R.T.: -0.002 min
Response: 54199556
Conc: 41.50 ng/ml