

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051521\
 Data File : PQ053533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2021 15:10
 Operator : DD\AJ
 Sample : M2262-09
 Misc : AR1248 MDL 25 PPB
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 17:45:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 14 03:47:40 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...	5.221	4.236	587.7E6	253.2E6	20.357	19.649
2)	SA Decachlor...	11.408	9.574	573.6E6	274.0E6	19.204	19.297
Target Compounds							
4)	L1 AR-1016-2	6.573	0.000	777314	0	0.505	N.D. #
5)	L1 AR-1016-3	6.642	0.000	522732	0	0.571	N.D. #
6)	L1 AR-1016-4	6.744	5.758	1437394	7257345	1.951	25.656 #
7)	L1 AR-1016-5	7.058	5.989	13345209	6554975	18.501	18.159
8)	L2 AR-1221-1	5.469	4.483	1457994	1501989	4.997	11.230 #
9)	L2 AR-1221-2	5.578	4.591	22804244	7579932	107.367	75.572 #
10)	L2 AR-1221-3	5.657	4.665f	14496942	317445	20.772	0.973 #
11)	L3 AR-1232-1	5.657	4.665f	14496942	317445	28.133	1.338 #
12)	L3 AR-1232-2	6.241	0.000	21088988	0	75.734	N.D. #
13)	L3 AR-1232-3	6.573	0.000	777314	0	1.324	N.D. #
14)	L3 AR-1232-4	6.744	5.801	1437394	2290143	5.266	20.417 #
15)	L3 AR-1232-5	6.838	5.989	18192068	6554975	91.475	53.336 #
17)	L4 AR-1242-2	6.573	0.000	777314	0	0.717	N.D. #
18)	L4 AR-1242-3	6.642	0.000	522732	0	0.805	N.D. #
19)	L4 AR-1242-4	6.744	5.801	1437394	2290143	2.745	9.665 #
20)	L4 AR-1242-5	7.529	6.367	17109707	17643084	29.311	55.307 #
22)	L5 AR-1248-2	6.838	5.758	18192068	7257345	23.995	21.043
23)	L5 AR-1248-3	7.058	5.801	13345209	2290143	15.540	6.529 #
24)	L5 AR-1248-4	7.488	5.989	20306909	6554975	20.875	15.339 #
25)	L5 AR-1248-5	7.529	6.408	17109707	1898558	17.502	4.477 #
26)	L6 AR-1254-1	7.457	6.367	45547346	17643084	46.788	26.065 #
27)	L6 AR-1254-2	7.683	6.526	47669563	15717183	31.582	25.245
28)	L6 AR-1254-3	8.067	6.946	44154357	23865974	28.256	24.038
29)	L6 AR-1254-4	8.363	7.186	32963605	15666517	28.420	25.229
30)	L6 AR-1254-5	8.791	7.614	32976477	22529905	25.610	23.299
31)	L7 AR-1260-1	8.233	7.083	19331868	12670819	14.194	15.707
32)	L7 AR-1260-2	8.497	7.279	23070000	11463038	13.425	10.097
33)	L7 AR-1260-3	8.854	7.432	5520272	10822494	4.580	11.345 #
34)	L7 AR-1260-4	9.100	7.917	13071045	1413544	10.263	1.945 #
35)	L7 AR-1260-5	9.451	8.163	6589253	3365556	2.397	1.757 #
36)	L8 AR-1262-1	8.854	7.614	5520272	22529905	3.188	47.005 #
37)	L8 AR-1262-2	9.451	8.163	6589253	3365556	2.175	1.643
38)	L8 AR-1262-3	9.770f	0.000	164550	0	0.080	N.D. #
39)	L8 AR-1262-4	9.882	8.512	344566	5117748	0.202	3.606 #
40)	L8 AR-1262-5	10.604	9.024	4981854	3511780	4.377	5.696 #
41)	L9 AR-1268-1	9.770	0.000	164550	0	0.047	N.D. #
42)	L9 AR-1268-2	9.890	8.512	630251	5117748	0.189	2.631 #
43)	L9 AR-1268-3	10.125	8.722	2378533	1465331	0.812	0.859
44)	L9 AR-1268-4	10.604	9.024	4981854	3511780	4.322	5.484 #

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 Acq On : 14 May 2021 15:10
 Operator : DD\AJ
 Sample : M2262-09
 Misc : AR1248 MDL 25 PPB
 ALS Vial : 19 Sample Multiplier: 1

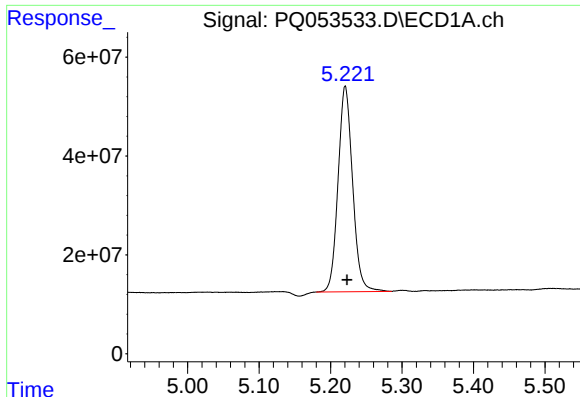
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 14 17:45:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051321.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	11.045	9.313	5950255	5030283	0.637	1.039 #

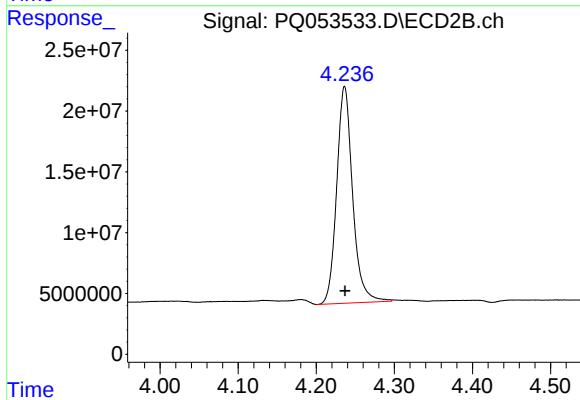
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

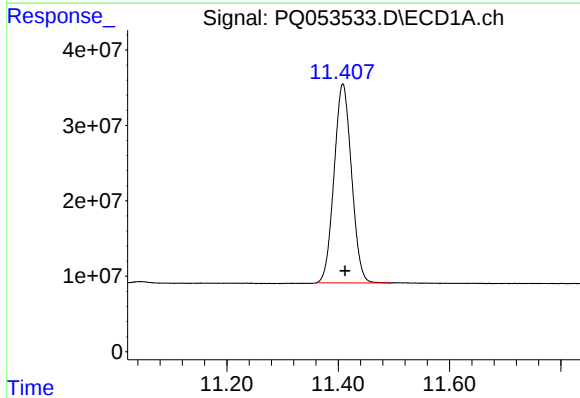
R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 587718723
Conc: 20.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



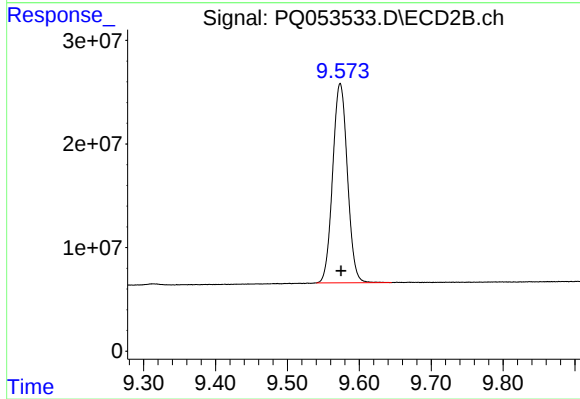
#1 Tetrachloro-m-xylene

R.T.: 4.236 min
Delta R.T.: 0.000 min
Response: 253172540
Conc: 19.65 ng/ml



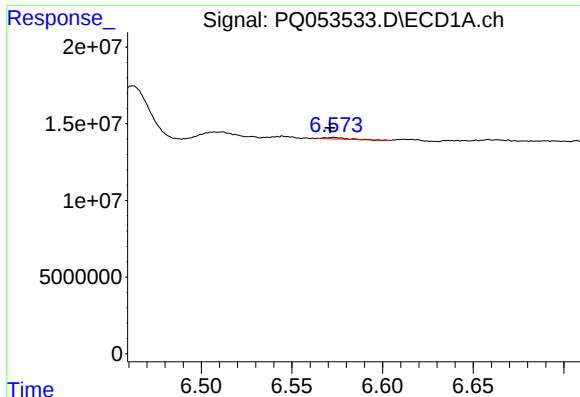
#2 Decachlorobiphenyl

R.T.: 11.408 min
Delta R.T.: -0.004 min
Response: 573566391
Conc: 19.20 ng/ml



#2 Decachlorobiphenyl

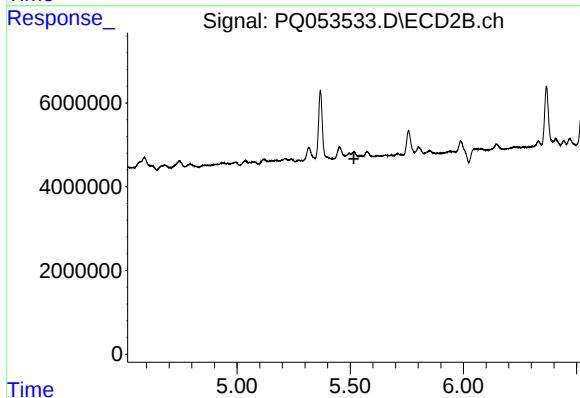
R.T.: 9.574 min
Delta R.T.: -0.001 min
Response: 273986871
Conc: 19.30 ng/ml



#4 AR-1016-2

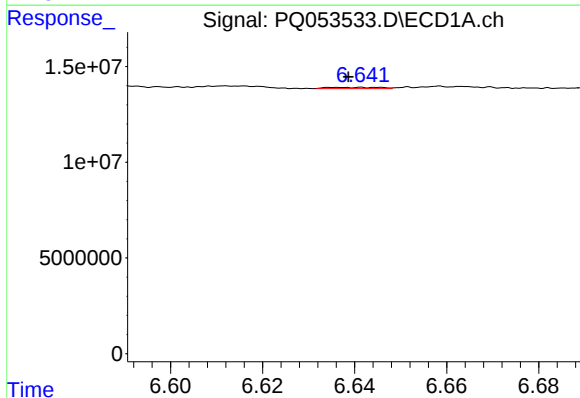
R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 777314
Conc: 0.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



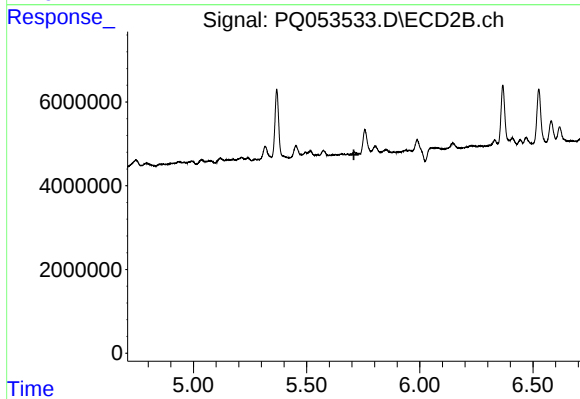
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.516 min
Response: 0
Conc: N.D.



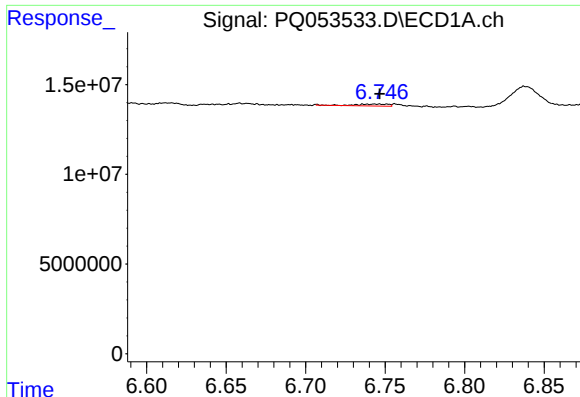
#5 AR-1016-3

R.T.: 6.642 min
Delta R.T.: 0.003 min
Response: 522732
Conc: 0.57 ng/ml



#5 AR-1016-3

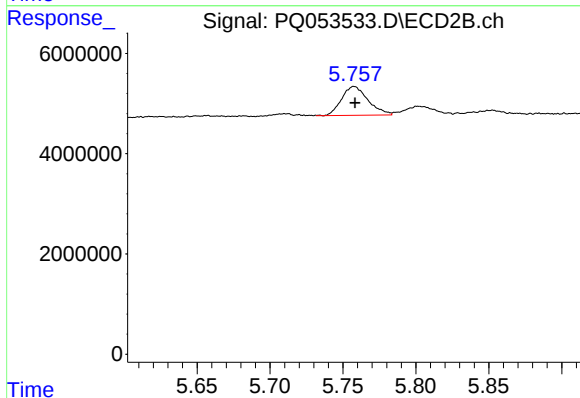
R.T.: 0.000 min
Exp R.T. : 5.709 min
Response: 0
Conc: N.D.



#6 AR-1016-4

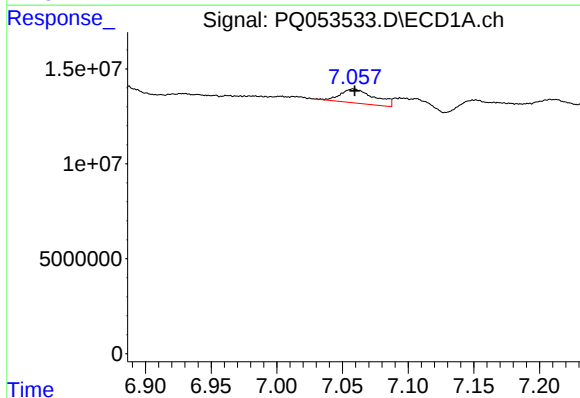
R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 1437394
Conc: 1.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



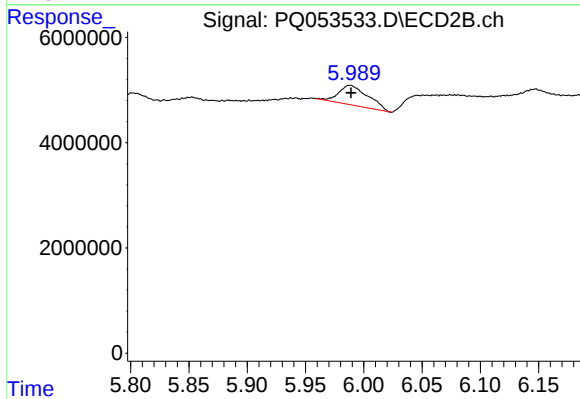
#6 AR-1016-4

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 7257345
Conc: 25.66 ng/ml



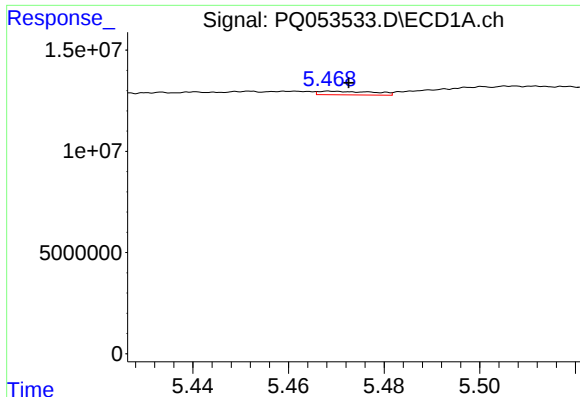
#7 AR-1016-5

R.T.: 7.058 min
Delta R.T.: -0.001 min
Response: 13345209
Conc: 18.50 ng/ml



#7 AR-1016-5

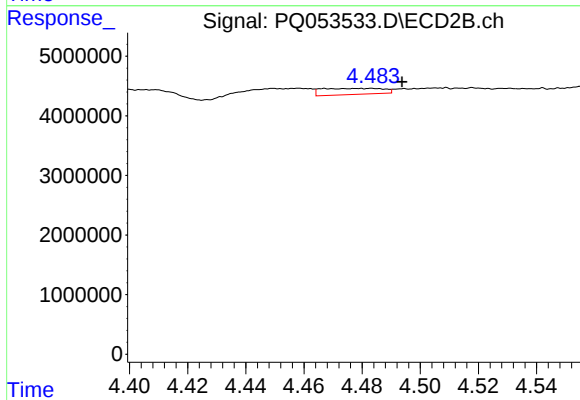
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 6554975
Conc: 18.16 ng/ml



#8 AR-1221-1

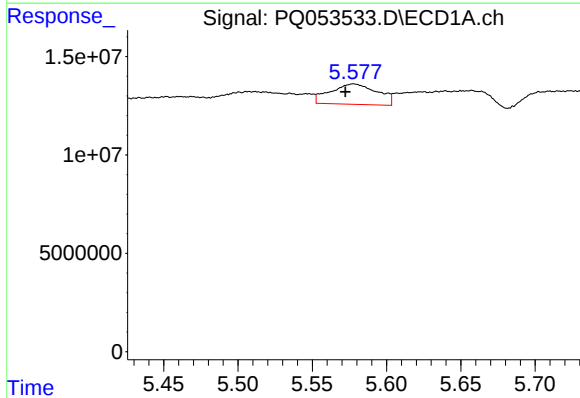
R.T.: 5.469 min
Delta R.T.: -0.004 min
Response: 1457994
Conc: 5.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



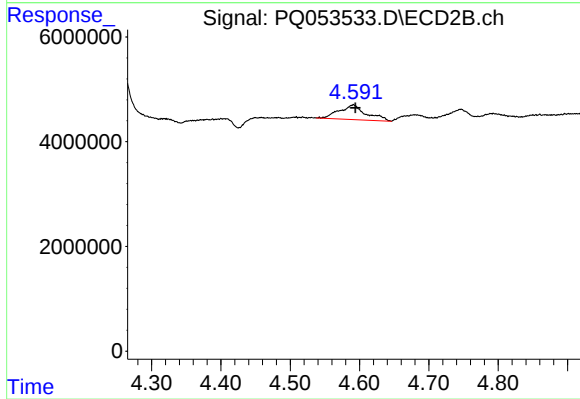
#8 AR-1221-1

R.T.: 4.483 min
Delta R.T.: -0.010 min
Response: 1501989
Conc: 11.23 ng/ml



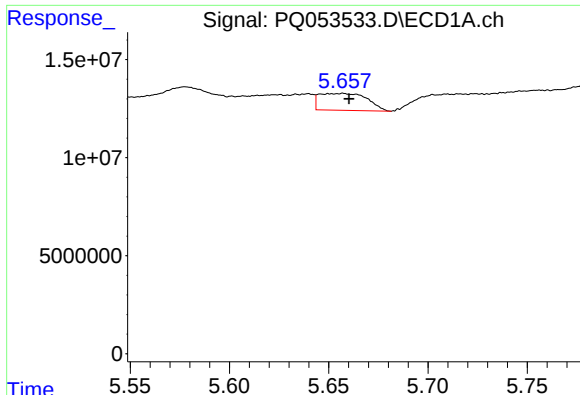
#9 AR-1221-2

R.T.: 5.578 min
Delta R.T.: 0.006 min
Response: 22804244
Conc: 107.37 ng/ml



#9 AR-1221-2

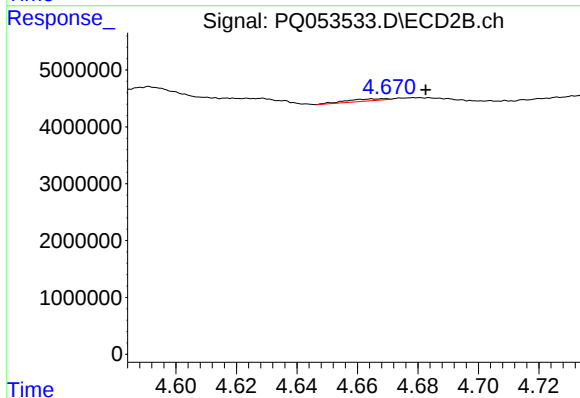
R.T.: 4.591 min
Delta R.T.: -0.003 min
Response: 7579932
Conc: 75.57 ng/ml



#10 AR-1221-3

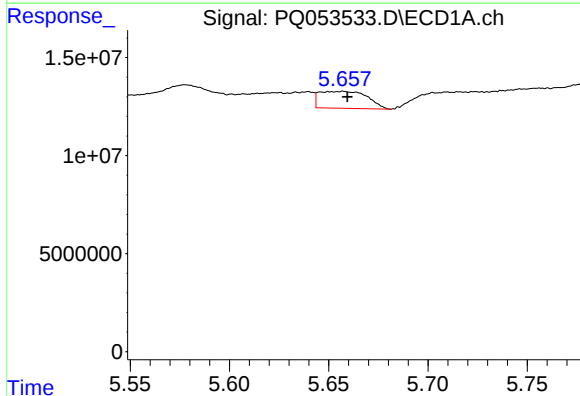
R.T.: 5.657 min
Delta R.T.: -0.003 min
Response: 14496942
Conc: 20.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



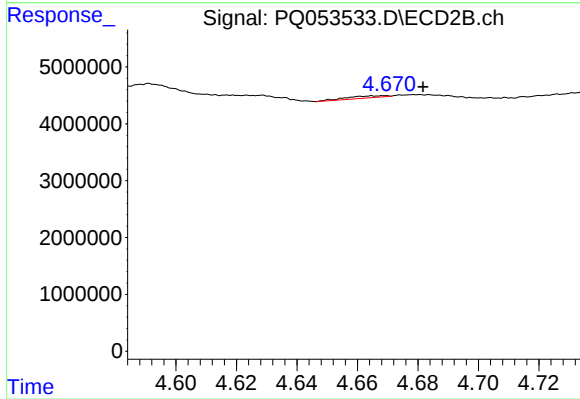
#10 AR-1221-3

R.T.: 4.665 min
Delta R.T.: -0.018 min
Response: 317445
Conc: 0.97 ng/ml



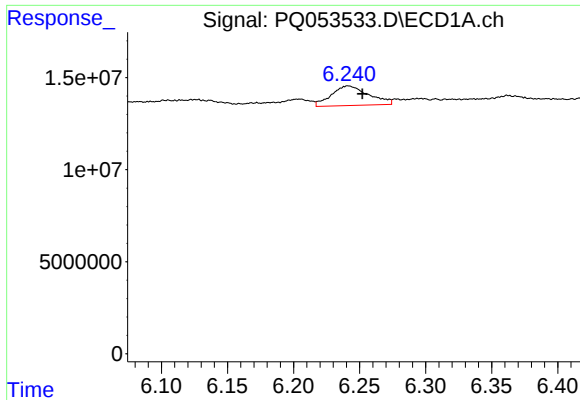
#11 AR-1232-1

R.T.: 5.657 min
Delta R.T.: -0.002 min
Response: 14496942
Conc: 28.13 ng/ml



#11 AR-1232-1

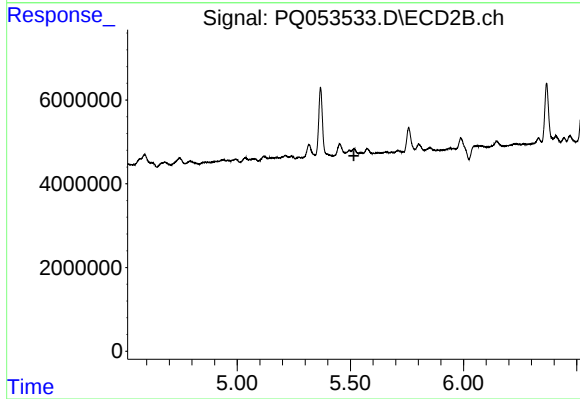
R.T.: 4.665 min
Delta R.T.: -0.017 min
Response: 317445
Conc: 1.34 ng/ml



#12 AR-1232-2

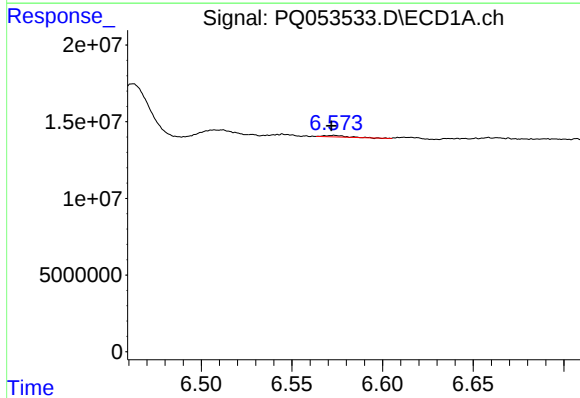
R.T.: 6.241 min
Delta R.T.: -0.011 min
Response: 21088988
Conc: 75.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



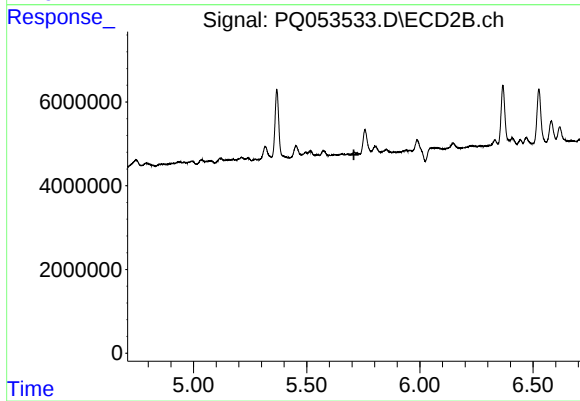
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.515 min
Response: 0
Conc: N.D.



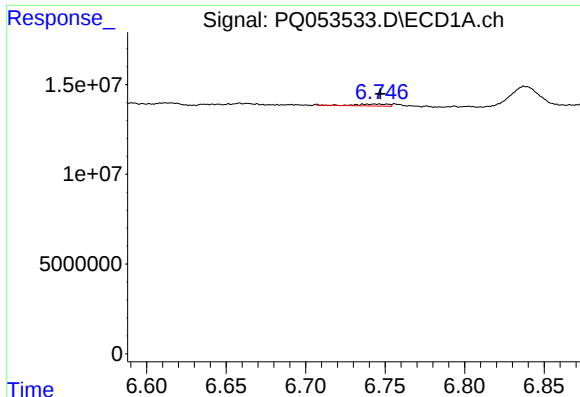
#13 AR-1232-3

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 777314
Conc: 1.32 ng/ml



#13 AR-1232-3

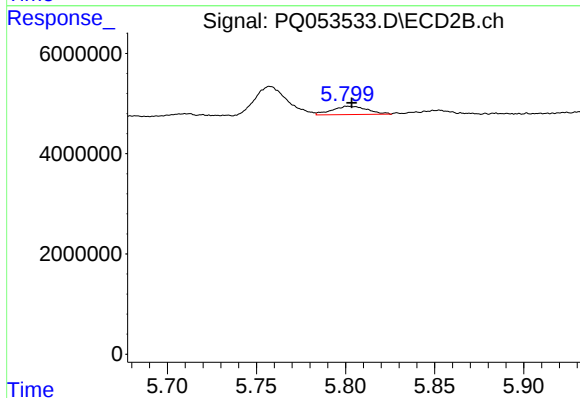
R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.



#14 AR-1232-4

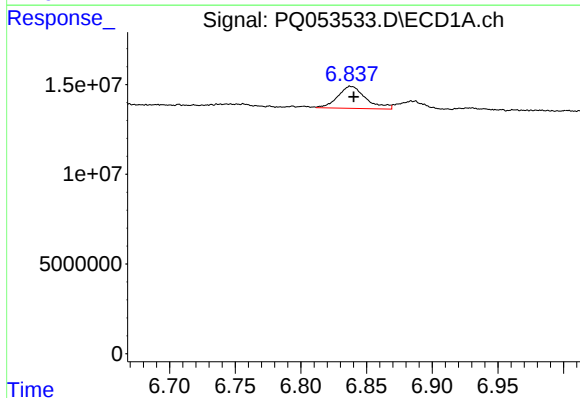
R.T.: 6.744 min
Delta R.T.: -0.003 min
Response: 1437394
Conc: 5.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



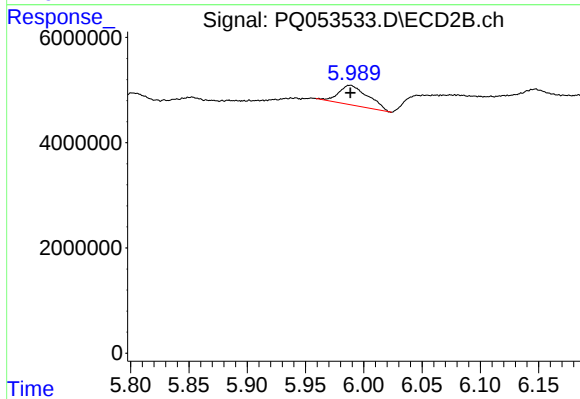
#14 AR-1232-4

R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 2290143
Conc: 20.42 ng/ml



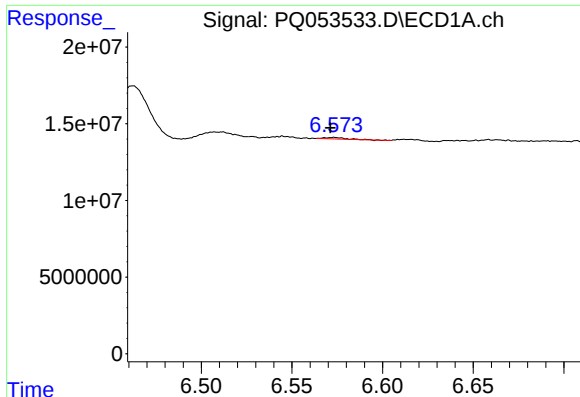
#15 AR-1232-5

R.T.: 6.838 min
Delta R.T.: -0.002 min
Response: 18192068
Conc: 91.48 ng/ml



#15 AR-1232-5

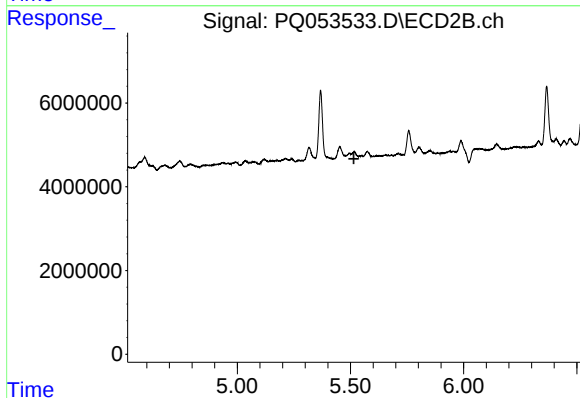
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 6554975
Conc: 53.34 ng/ml



#17 AR-1242-2

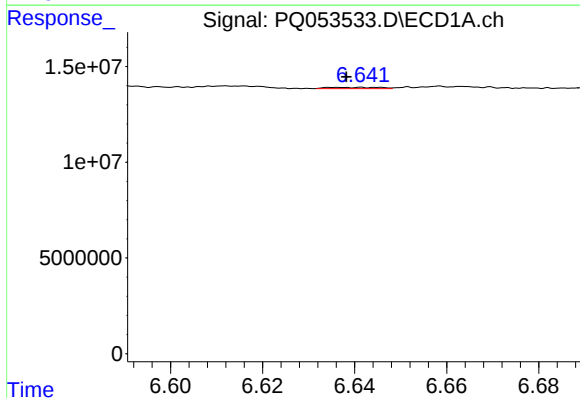
R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 777314
Conc: 0.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



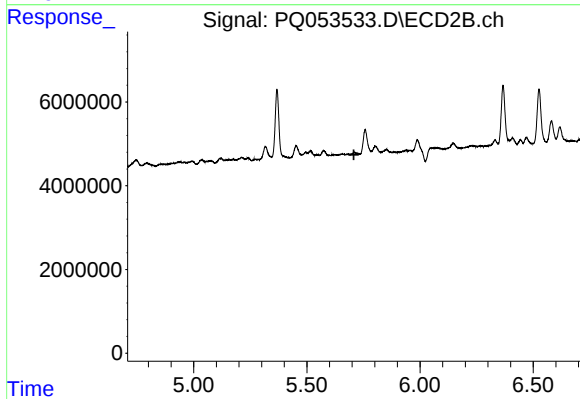
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.515 min
Response: 0
Conc: N.D.



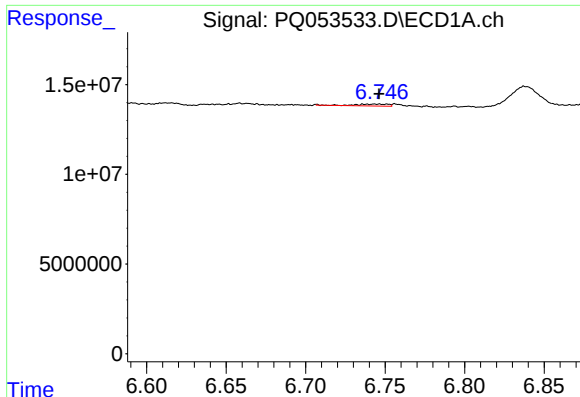
#18 AR-1242-3

R.T.: 6.642 min
Delta R.T.: 0.004 min
Response: 522732
Conc: 0.80 ng/ml



#18 AR-1242-3

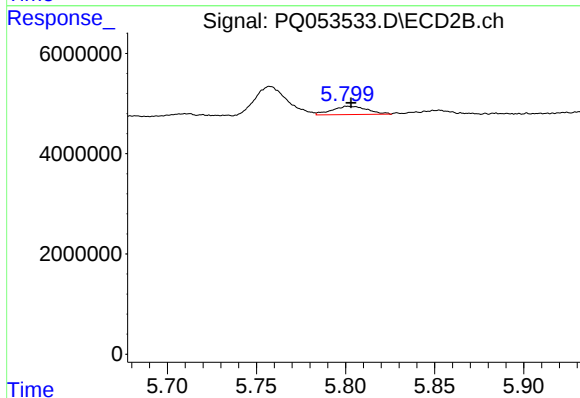
R.T.: 0.000 min
Exp R.T. : 5.708 min
Response: 0
Conc: N.D.



#19 AR-1242-4

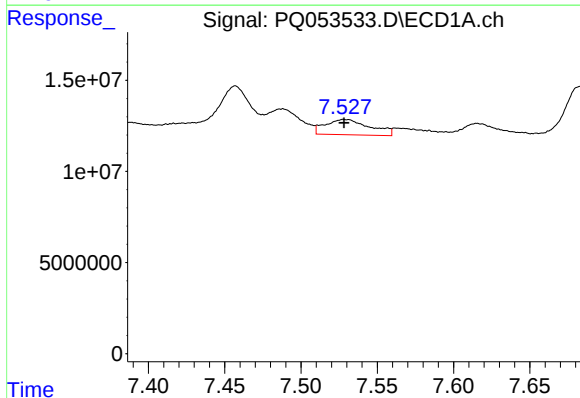
R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 1437394
Conc: 2.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



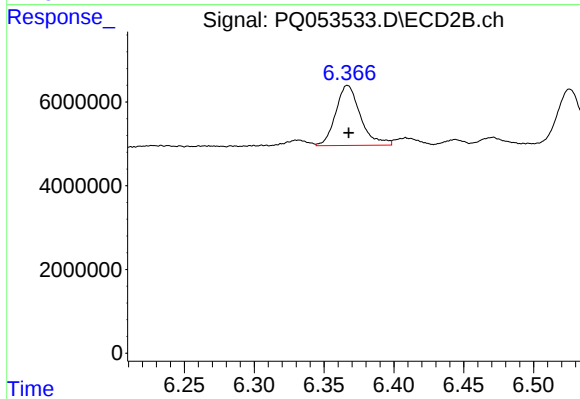
#19 AR-1242-4

R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 2290143
Conc: 9.66 ng/ml



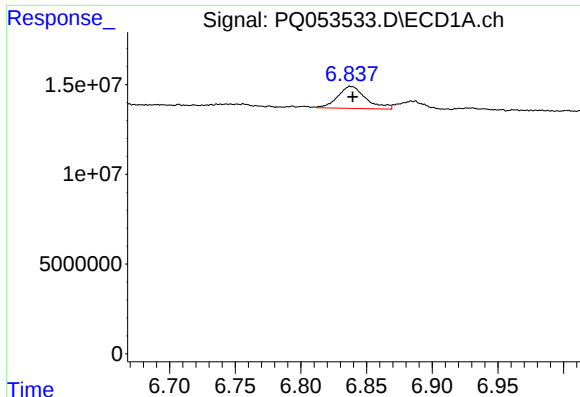
#20 AR-1242-5

R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 17109707
Conc: 29.31 ng/ml



#20 AR-1242-5

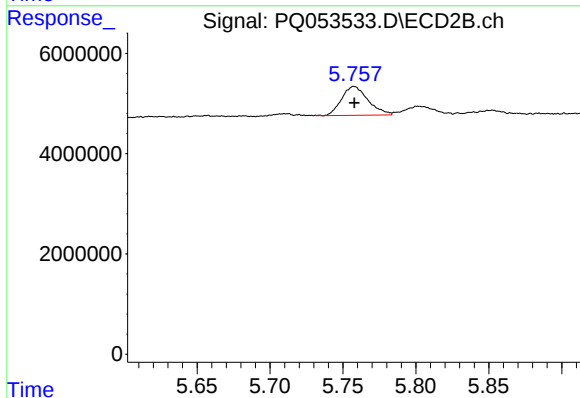
R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 17643084
Conc: 55.31 ng/ml



#22 AR-1248-2

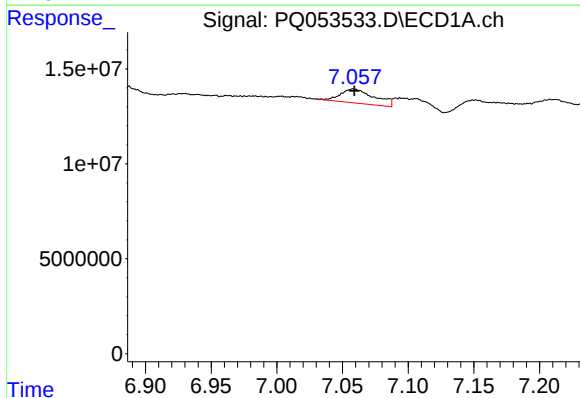
R.T.: 6.838 min
Delta R.T.: -0.002 min
Response: 18192068
Conc: 23.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



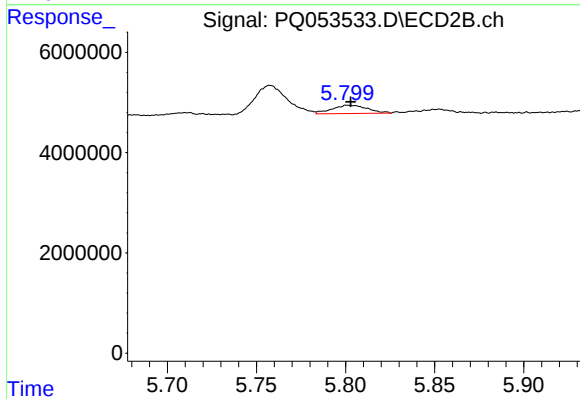
#22 AR-1248-2

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 7257345
Conc: 21.04 ng/ml



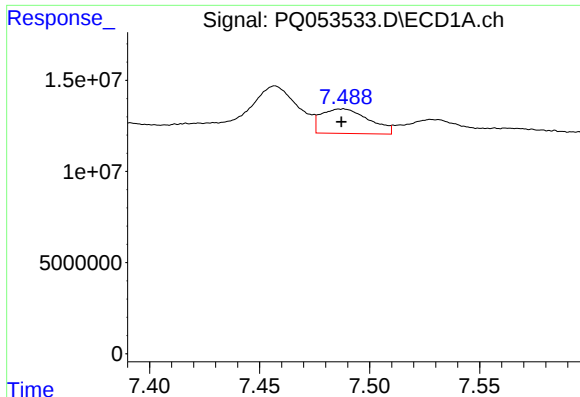
#23 AR-1248-3

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 13345209
Conc: 15.54 ng/ml



#23 AR-1248-3

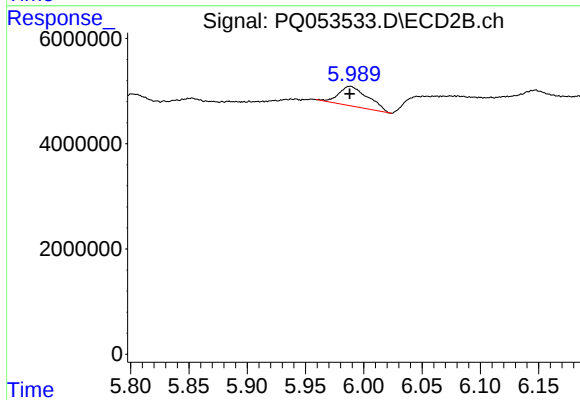
R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 2290143
Conc: 6.53 ng/ml



#24 AR-1248-4

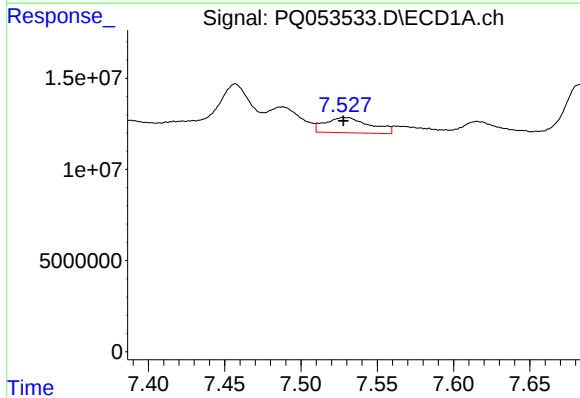
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 20306909
Conc: 20.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



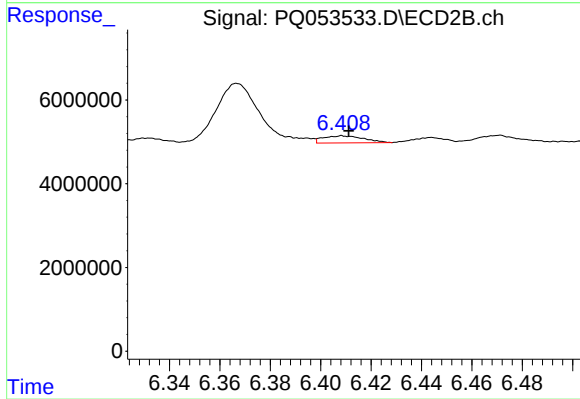
#24 AR-1248-4

R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 6554975
Conc: 15.34 ng/ml



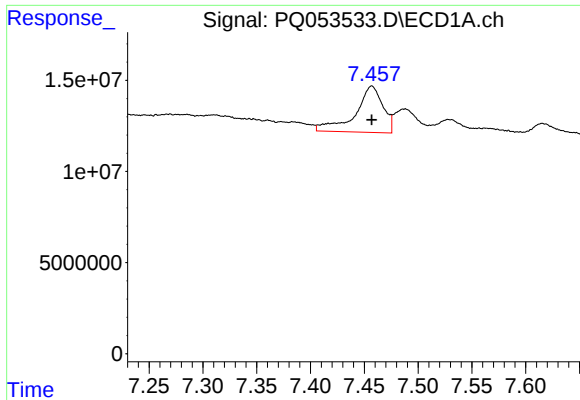
#25 AR-1248-5

R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 17109707
Conc: 17.50 ng/ml



#25 AR-1248-5

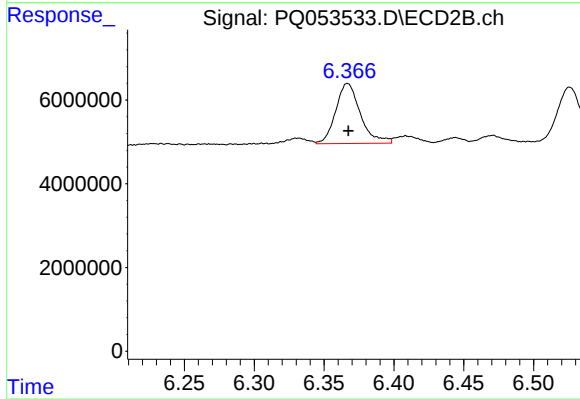
R.T.: 6.408 min
Delta R.T.: -0.003 min
Response: 1898558
Conc: 4.48 ng/ml



#26 AR-1254-1

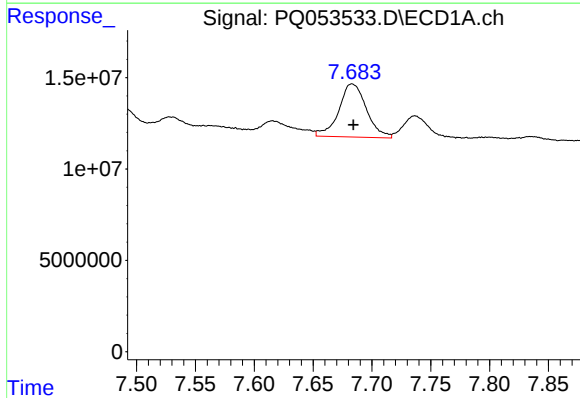
R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 45547346
Conc: 46.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



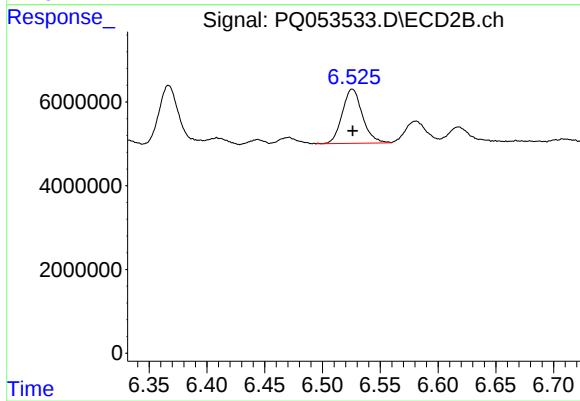
#26 AR-1254-1

R.T.: 6.367 min
Delta R.T.: 0.000 min
Response: 17643084
Conc: 26.06 ng/ml



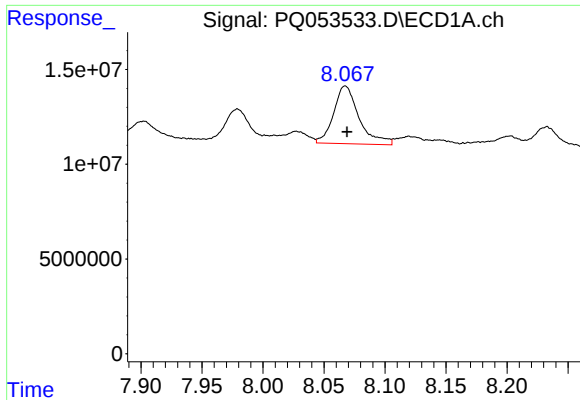
#27 AR-1254-2

R.T.: 7.683 min
Delta R.T.: -0.001 min
Response: 47669563
Conc: 31.58 ng/ml



#27 AR-1254-2

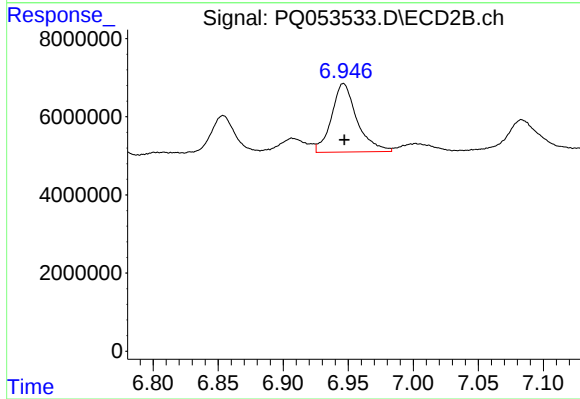
R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 15717183
Conc: 25.24 ng/ml



#28 AR-1254-3

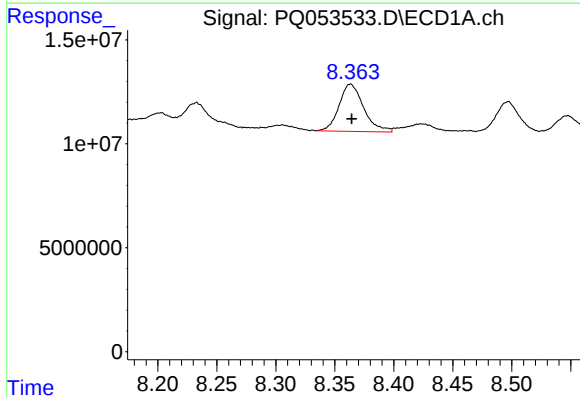
R.T.: 8.067 min
Delta R.T.: -0.002 min
Response: 44154357
Conc: 28.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



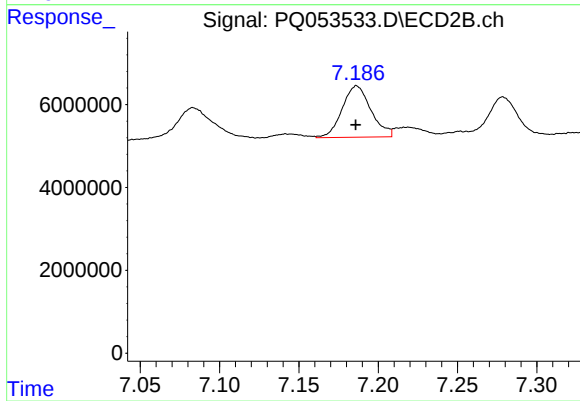
#28 AR-1254-3

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 23865974
Conc: 24.04 ng/ml



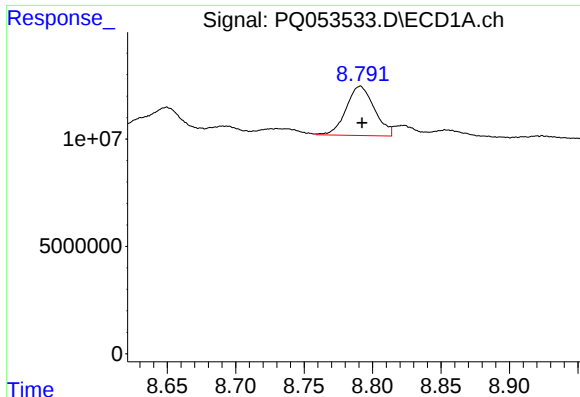
#29 AR-1254-4

R.T.: 8.363 min
Delta R.T.: 0.000 min
Response: 32963605
Conc: 28.42 ng/ml



#29 AR-1254-4

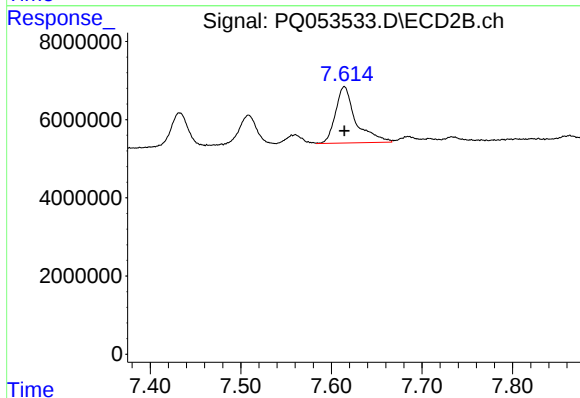
R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 15666517
Conc: 25.23 ng/ml



#30 AR-1254-5

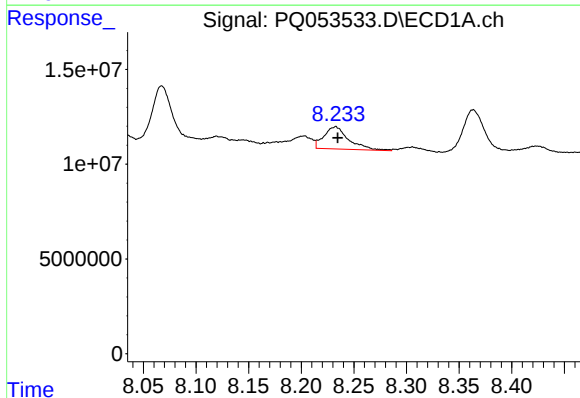
R.T.: 8.791 min
Delta R.T.: -0.001 min
Response: 32976477
Conc: 25.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



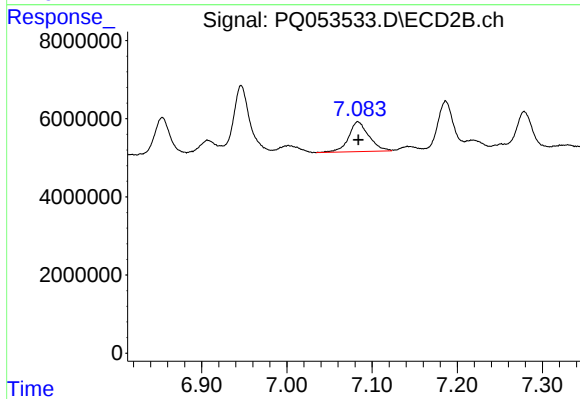
#30 AR-1254-5

R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 22529905
Conc: 23.30 ng/ml



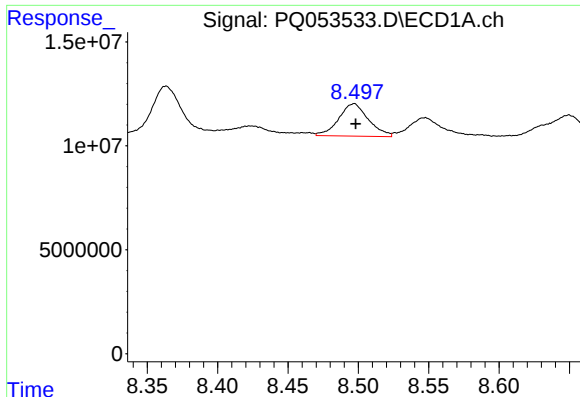
#31 AR-1260-1

R.T.: 8.233 min
Delta R.T.: -0.002 min
Response: 19331868
Conc: 14.19 ng/ml



#31 AR-1260-1

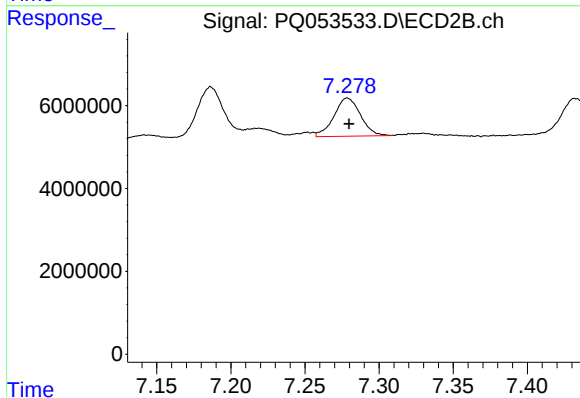
R.T.: 7.083 min
Delta R.T.: 0.000 min
Response: 12670819
Conc: 15.71 ng/ml



#32 AR-1260-2

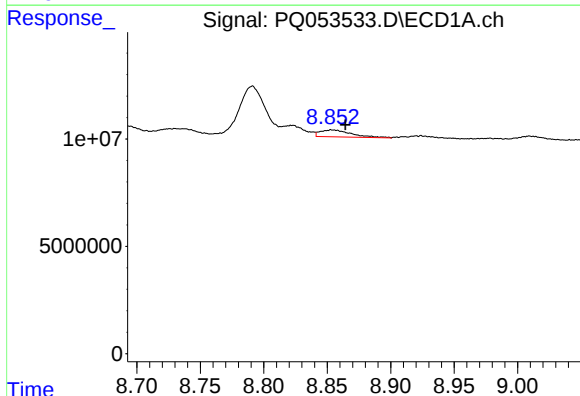
R.T.: 8.497 min
Delta R.T.: -0.001 min
Response: 23070000
Conc: 13.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



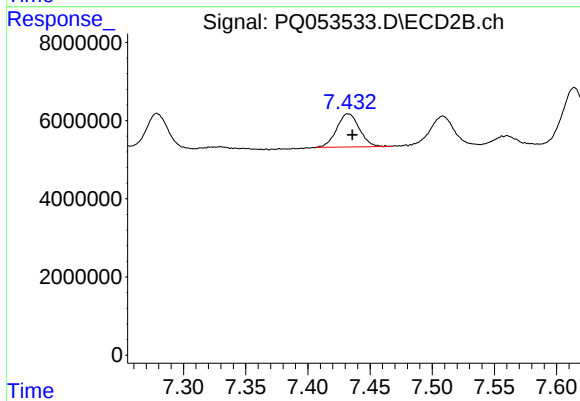
#32 AR-1260-2

R.T.: 7.279 min
Delta R.T.: -0.001 min
Response: 11463038
Conc: 10.10 ng/ml



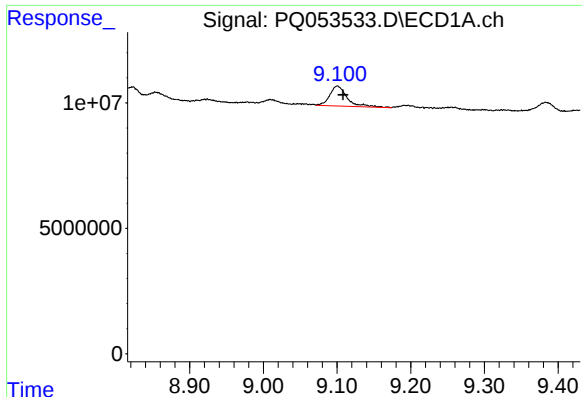
#33 AR-1260-3

R.T.: 8.854 min
Delta R.T.: -0.011 min
Response: 5520272
Conc: 4.58 ng/ml



#33 AR-1260-3

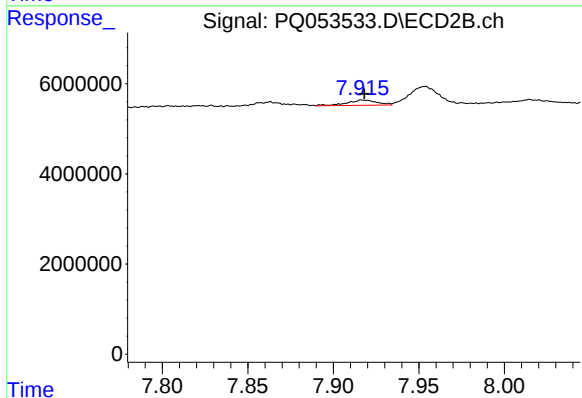
R.T.: 7.432 min
Delta R.T.: -0.004 min
Response: 10822494
Conc: 11.34 ng/ml



#34 AR-1260-4

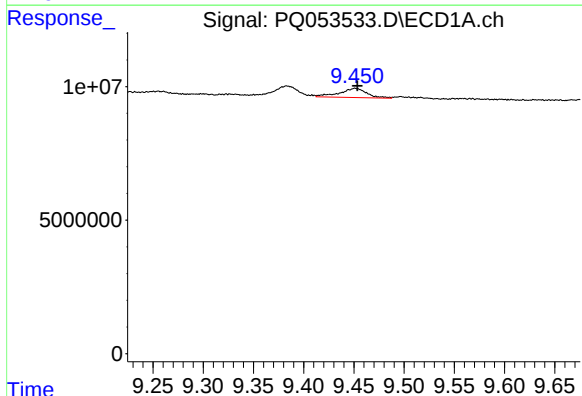
R.T.: 9.100 min
Delta R.T.: -0.008 min
Response: 13071045
Conc: 10.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



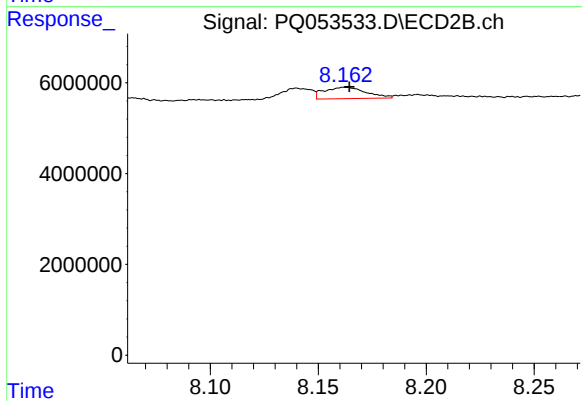
#34 AR-1260-4

R.T.: 7.917 min
Delta R.T.: 0.000 min
Response: 1413544
Conc: 1.95 ng/ml



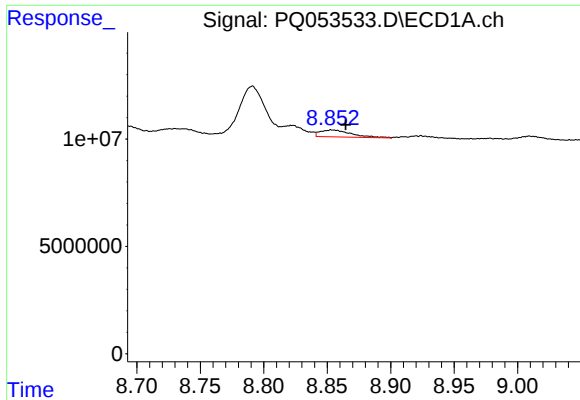
#35 AR-1260-5

R.T.: 9.451 min
Delta R.T.: -0.002 min
Response: 6589253
Conc: 2.40 ng/ml



#35 AR-1260-5

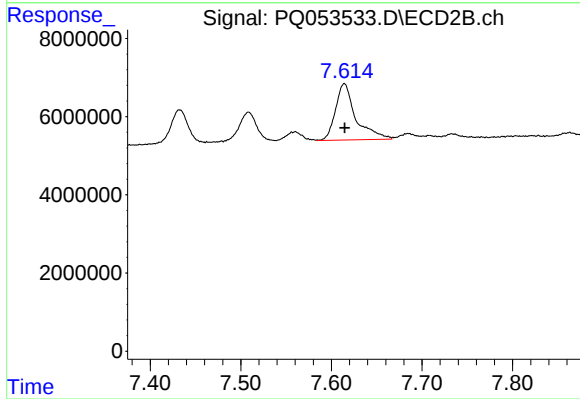
R.T.: 8.163 min
Delta R.T.: -0.002 min
Response: 3365556
Conc: 1.76 ng/ml



#36 AR-1262-1

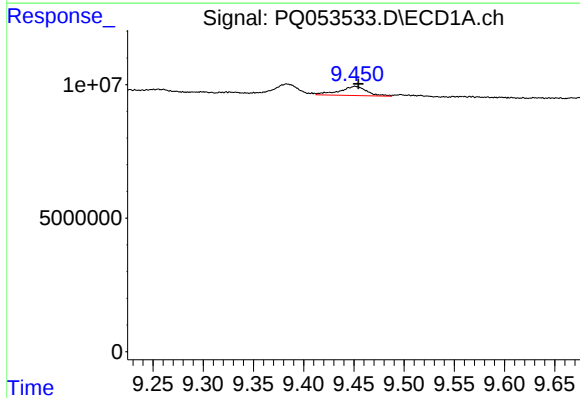
R.T.: 8.854 min
Delta R.T.: -0.011 min
Response: 5520272
Conc: 3.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



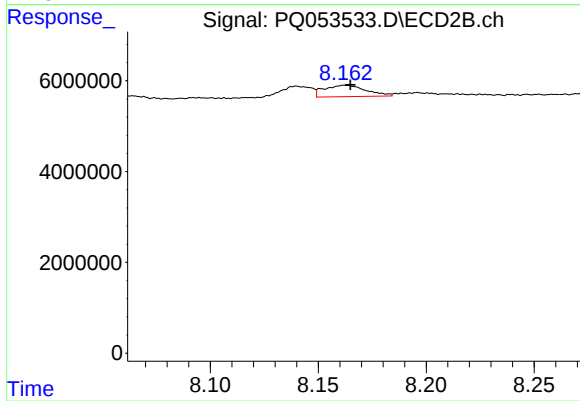
#36 AR-1262-1

R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 22529905
Conc: 47.00 ng/ml



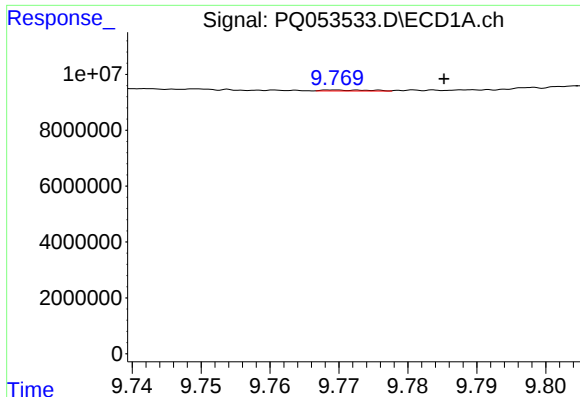
#37 AR-1262-2

R.T.: 9.451 min
Delta R.T.: -0.003 min
Response: 6589253
Conc: 2.17 ng/ml



#37 AR-1262-2

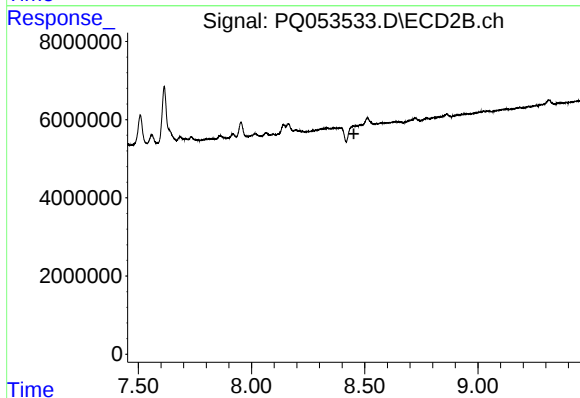
R.T.: 8.163 min
Delta R.T.: -0.002 min
Response: 3365556
Conc: 1.64 ng/ml



#38 AR-1262-3

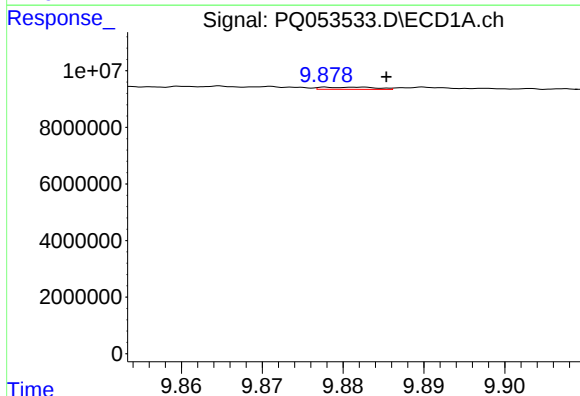
R.T.: 9.770 min
Delta R.T.: -0.015 min
Response: 164550
Conc: 0.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



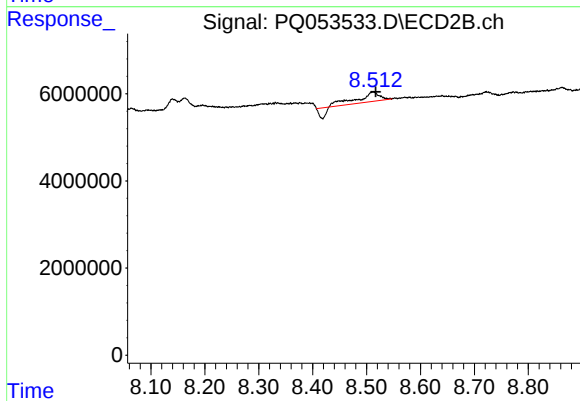
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.452 min
Response: 0
Conc: N.D.



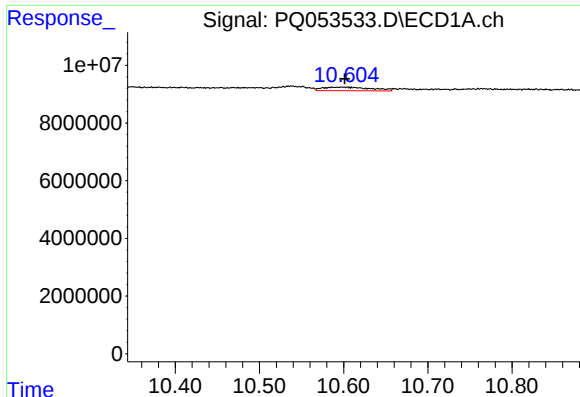
#39 AR-1262-4

R.T.: 9.882 min
Delta R.T.: -0.004 min
Response: 344566
Conc: 0.20 ng/ml



#39 AR-1262-4

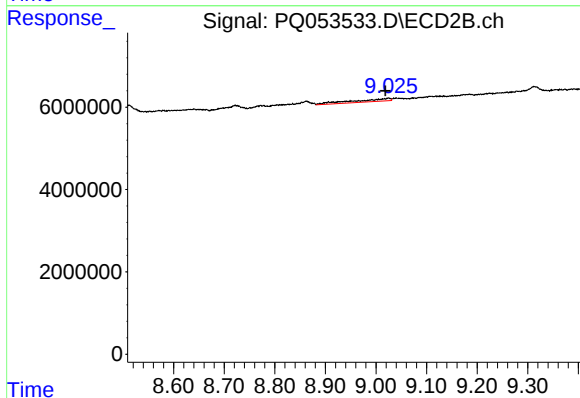
R.T.: 8.512 min
Delta R.T.: -0.005 min
Response: 5117748
Conc: 3.61 ng/ml



#40 AR-1262-5

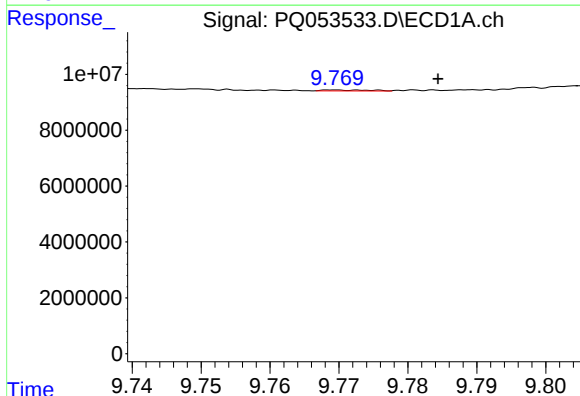
R.T.: 10.604 min
Delta R.T.: 0.002 min
Response: 4981854
Conc: 4.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



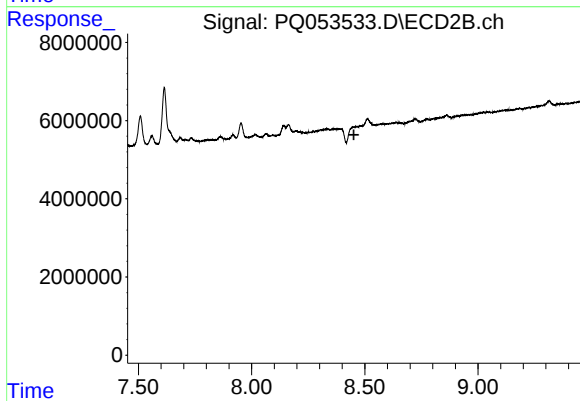
#40 AR-1262-5

R.T.: 9.024 min
Delta R.T.: 0.006 min
Response: 3511780
Conc: 5.70 ng/ml



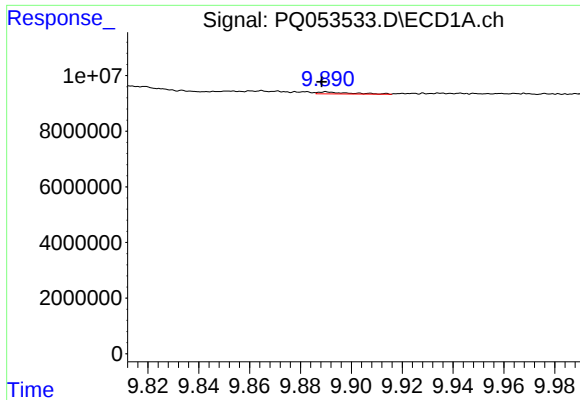
#41 AR-1268-1

R.T.: 9.770 min
Delta R.T.: -0.014 min
Response: 164550
Conc: 0.05 ng/ml



#41 AR-1268-1

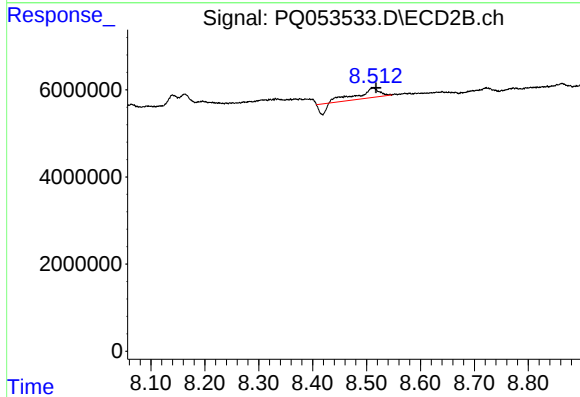
R.T.: 0.000 min
Exp R.T.: 8.452 min
Response: 0
Conc: N.D.



#42 AR-1268-2

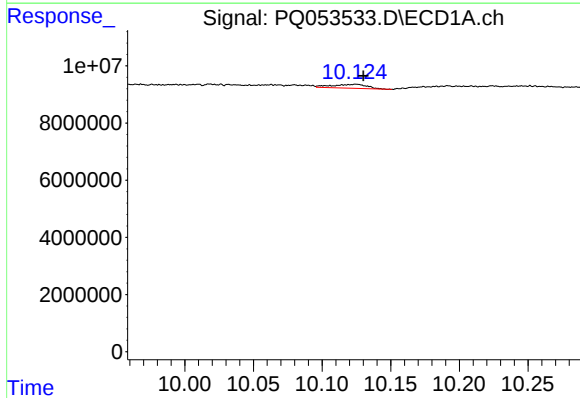
R.T.: 9.890 min
Delta R.T.: 0.002 min
Response: 630251
Conc: 0.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



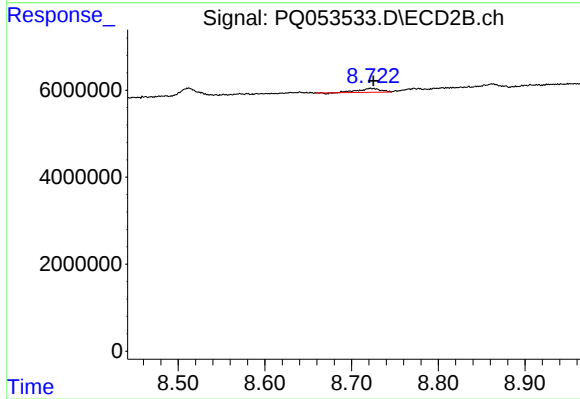
#42 AR-1268-2

R.T.: 8.512 min
Delta R.T.: -0.005 min
Response: 5117748
Conc: 2.63 ng/ml



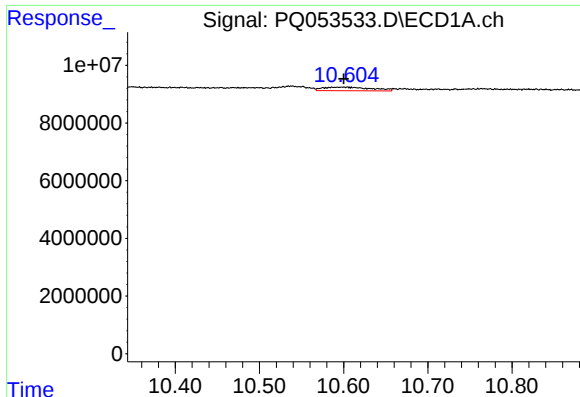
#43 AR-1268-3

R.T.: 10.125 min
Delta R.T.: -0.005 min
Response: 2378533
Conc: 0.81 ng/ml



#43 AR-1268-3

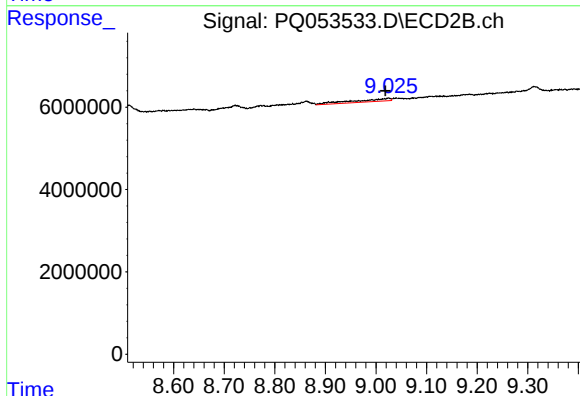
R.T.: 8.722 min
Delta R.T.: -0.003 min
Response: 1465331
Conc: 0.86 ng/ml



#44 AR-1268-4

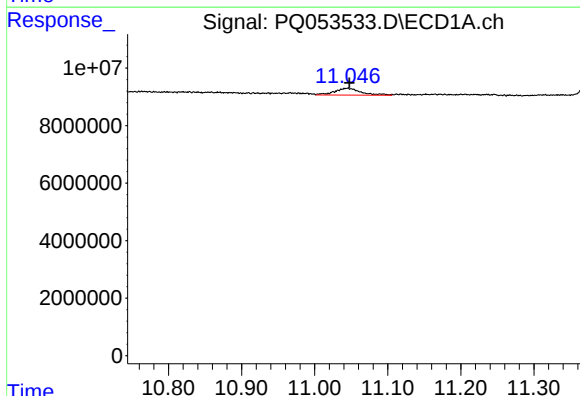
R.T.: 10.604 min
Delta R.T.: 0.004 min
Response: 4981854
Conc: 4.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



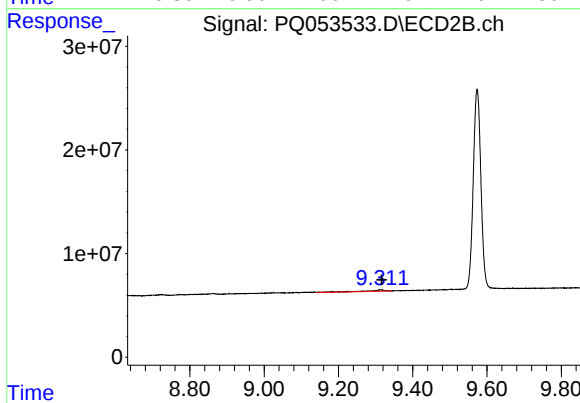
#44 AR-1268-4

R.T.: 9.024 min
Delta R.T.: 0.006 min
Response: 3511780
Conc: 5.48 ng/ml



#45 AR-1268-5

R.T.: 11.045 min
Delta R.T.: -0.003 min
Response: 5950255
Conc: 0.64 ng/ml



#45 AR-1268-5

R.T.: 9.313 min
Delta R.T.: -0.004 min
Response: 5030283
Conc: 1.04 ng/ml