

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090419\
 Data File : PQ043262.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Sep 2019 11:25
 Operator : SM\AJ
 Sample : K4633-18
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 F2D17

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 13:47:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090419CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 05 08:38:32 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.700	4.791	52401686	22013782	8.018	7.131
2)	SA Decachlor...	12.094	10.573	252.1E6	104.3E6	24.135	17.004 #
Target Compounds							
3)	L1 AR-1016-1	7.169	6.197	2339131	2326286	9.218	17.334 #
4)	L1 AR-1016-2	7.169	0.000	2339131	0	6.373	N.D. #
5)	L1 AR-1016-3	7.169	0.000	2339131	0	10.530	N.D. #
6)	L1 AR-1016-4	7.392	0.000	4095427	0	21.925	N.D. #
10)	L2 AR-1221-3	0.000	5.380	0	3132141	N.D.	45.438 #
11)	L3 AR-1232-1	0.000	5.380	0	3132141	N.D.	60.165 #
13)	L3 AR-1232-3	7.169	0.000	2339131	0	15.829	N.D. #
14)	L3 AR-1232-4	7.392	6.620	4095427	2210162	58.377	69.708
15)	L3 AR-1232-5	7.504	0.000	1746041	0	40.426	N.D. #
16)	L4 AR-1242-1	7.169	6.197	2339131	2326286	11.947	22.620 #
17)	L4 AR-1242-2	7.169	0.000	2339131	0	8.153	N.D. #
18)	L4 AR-1242-3	7.169	0.000	2339131	0	13.297	N.D. #
19)	L4 AR-1242-4	7.392	6.620	4095427	2210162	27.431	30.798
20)	L4 AR-1242-5	8.177	7.199	2459305	1797712	13.811	16.358
21)	L5 AR-1248-1	7.169	6.197	2339131	2326286	15.604	29.228 #
22)	L5 AR-1248-2	7.504	0.000	1746041	0	9.173	N.D. #
23)	L5 AR-1248-3	0.000	6.620	0	2210162	N.D.	20.544 #
24)	L5 AR-1248-4	8.131	0.000	1387889	0	4.621	N.D. #
25)	L5 AR-1248-5	8.177	7.199	2459305	1797712	8.386	12.439 #
26)	L6 AR-1254-1	8.100	7.199	2834754	1797712	9.720	7.941
27)	L6 AR-1254-2	8.345	7.368	30286085	3235312	61.413	15.477 #
28)	L6 AR-1254-3	8.734	7.817	14895923	14851087	27.147	39.704 #
29)	L6 AR-1254-4	9.033	8.064	25926300	4278327	60.952	17.710 #
30)	L6 AR-1254-5	9.471	8.512	69316100	36256438	152.664	100.034 #
31)	L7 AR-1260-1	8.885	7.955	44752363	16447944	128.521	73.182 #
32)	L7 AR-1260-2	9.178	8.161	17503661	11078720	45.057	37.422
33)	L7 AR-1260-3	9.553	8.331	104.9E6	11725219	297.140	44.224 #
34)	L7 AR-1260-4	9.796	8.826	36549216	39051879	84.428	163.533 #
35)	L7 AR-1260-5	10.142	9.076	168.5E6	169.1E6	177.704	259.666 #
36)	L8 AR-1262-1	9.553	8.609	104.9E6	17038005	164.287	108.226 #
37)	L8 AR-1262-2	10.142	9.076	168.5E6	169.1E6	137.704	208.477 #
38)	L8 AR-1262-3	10.474	9.373	331.2E6	176.6E6	384.508	539.210 #
39)	L8 AR-1262-4	10.577	9.439	382.4E6	224.4E6	570.977	365.079 #
40)	L8 AR-1262-5	11.282	9.966	262.8E6	152.0E6	569.054	506.535
41)	L9 AR-1268-1	10.474	9.373	331.2E6	176.6E6	245.973	210.592
42)	L9 AR-1268-2	10.577	9.439	382.4E6	224.4E6	303.206	286.062
43)	L9 AR-1268-3	10.823	9.658	65571500	54164097	63.371	83.549 #
44)	L9 AR-1268-4	11.282	9.966	262.8E6	152.0E6	543.392	520.002
45)	L9 AR-1268-5	11.727	10.288	550.4E6	265.4E6	144.618	125.317

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090419\
Data File : PQ043262.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Sep 2019 11:25
Operator : SM\AJ
Sample : K4633-18
Misc :
ALS Vial : 63 Sample Multiplier: 1

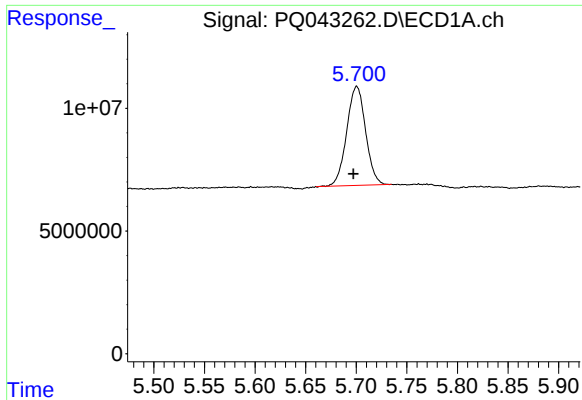
Instrument :
ECD_Q
ClientSampleId :
F2D17

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 13:47:27 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090419CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Sep 05 08:38:32 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

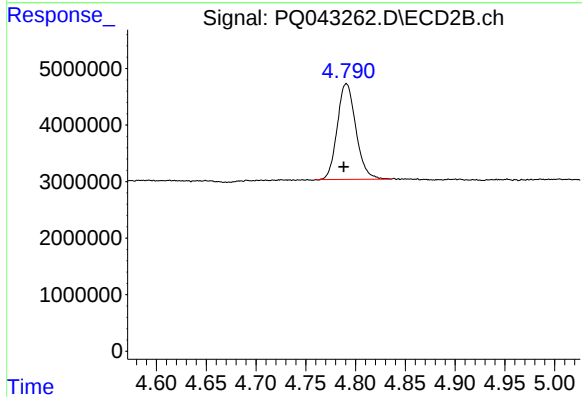
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

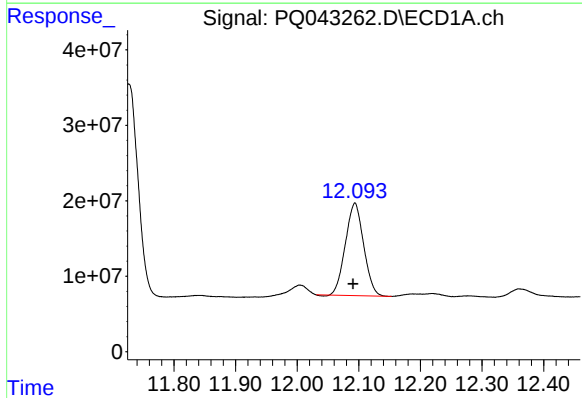
R.T.: 5.700 min
Delta R.T.: 0.003 min
Response: 52401686
Conc: 8.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



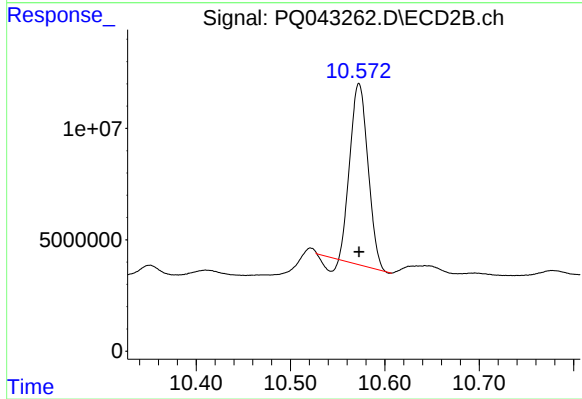
#1 Tetrachloro-m-xylene

R.T.: 4.791 min
Delta R.T.: 0.003 min
Response: 22013782
Conc: 7.13 ng/ml



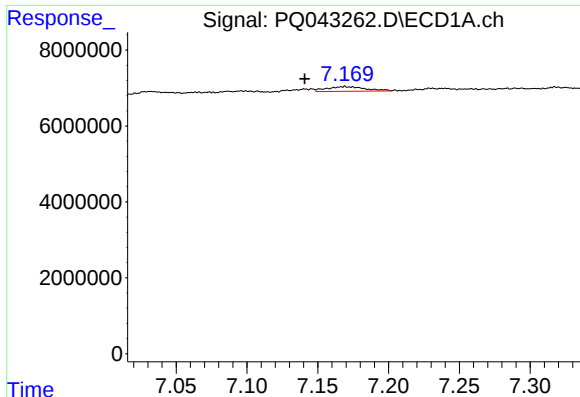
#2 Decachlorobiphenyl

R.T.: 12.094 min
Delta R.T.: 0.003 min
Response: 252107296
Conc: 24.14 ng/ml



#2 Decachlorobiphenyl

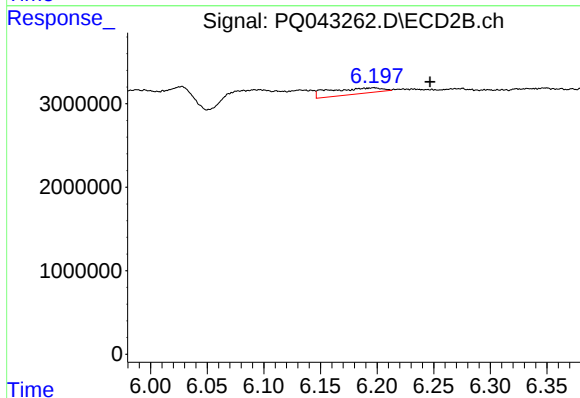
R.T.: 10.573 min
Delta R.T.: 0.000 min
Response: 104254506
Conc: 17.00 ng/ml



#3 AR-1016-1

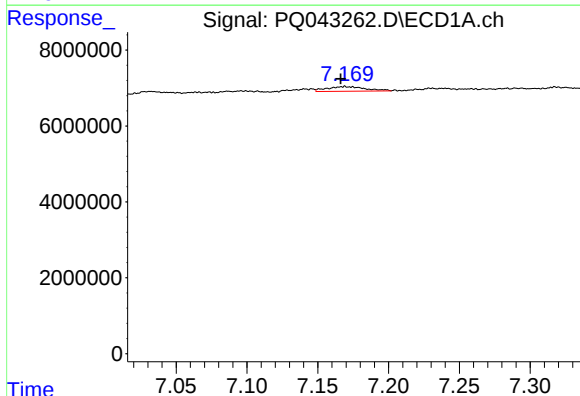
R.T.: 7.169 min
Delta R.T.: 0.029 min
Response: 2339131
Conc: 9.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



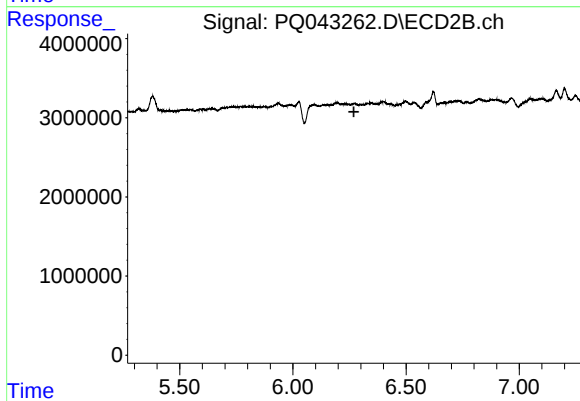
#3 AR-1016-1

R.T.: 6.197 min
Delta R.T.: -0.050 min
Response: 2326286
Conc: 17.33 ng/ml



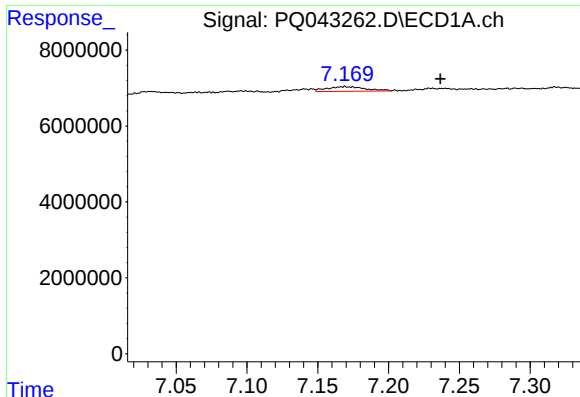
#4 AR-1016-2

R.T.: 7.169 min
Delta R.T.: 0.003 min
Response: 2339131
Conc: 6.37 ng/ml



#4 AR-1016-2

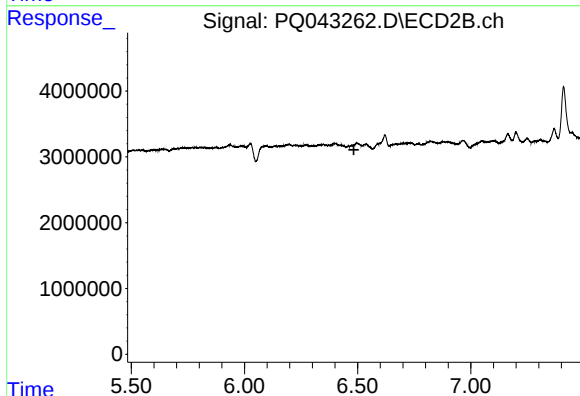
R.T.: 0.000 min
Exp R.T.: 6.270 min
Response: 0
Conc: N.D.



#5 AR-1016-3

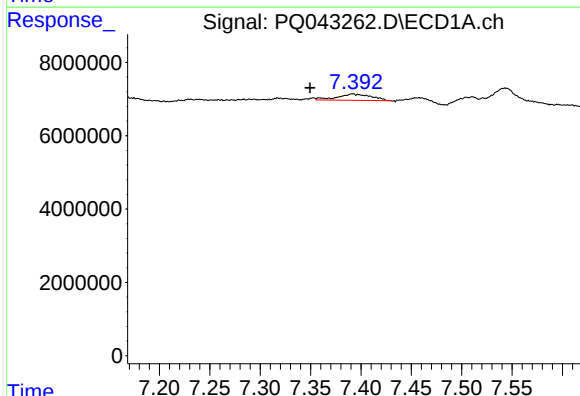
R.T.: 7.169 min
Delta R.T.: -0.067 min
Response: 2339131
Conc: 10.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



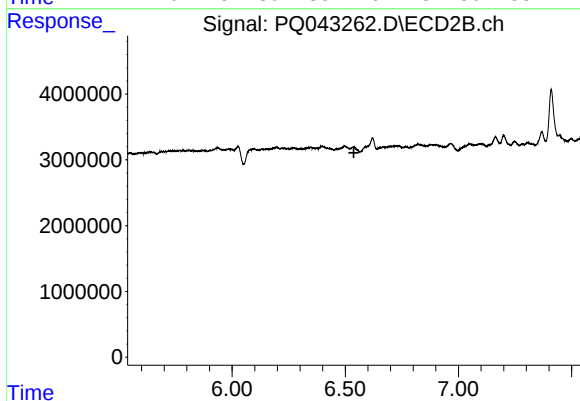
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 6.484 min
Response: 0
Conc: N.D.



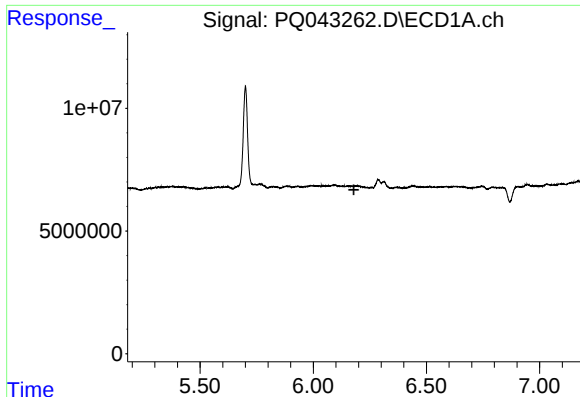
#6 AR-1016-4

R.T.: 7.392 min
Delta R.T.: 0.043 min
Response: 4095427
Conc: 21.93 ng/ml



#6 AR-1016-4

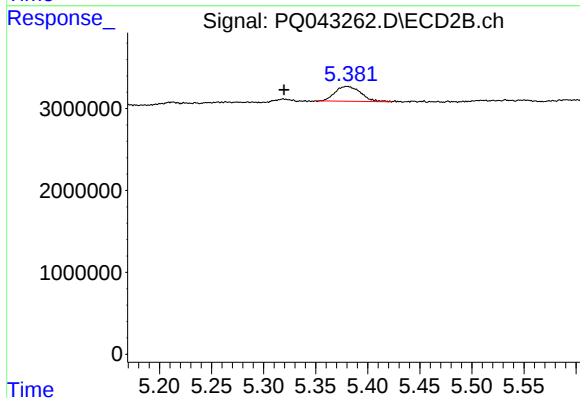
R.T.: 0.000 min
Exp R.T. : 6.538 min
Response: 0
Conc: N.D.



#10 AR-1221-3

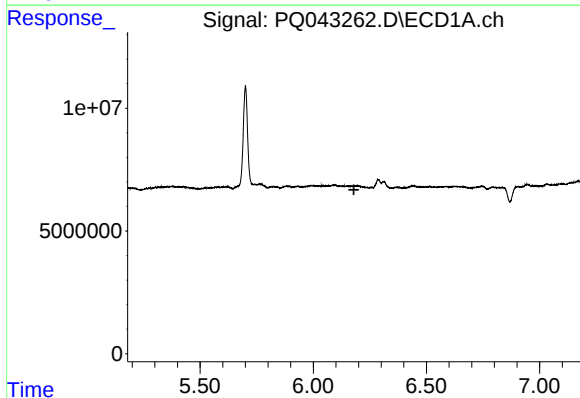
R.T.: 0.000 min
Exp R.T.: 6.179 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
F2D17



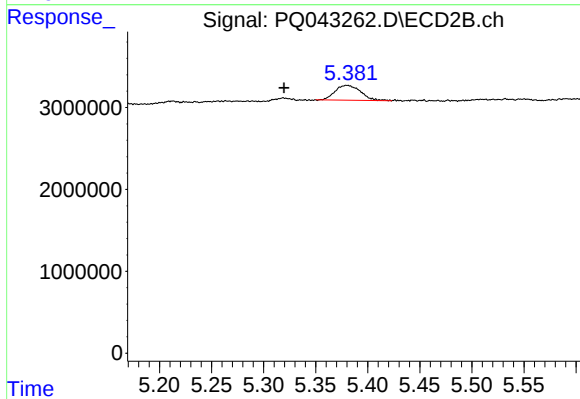
#10 AR-1221-3

R.T.: 5.380 min
Delta R.T.: 0.060 min
Response: 3132141
Conc: 45.44 ng/ml



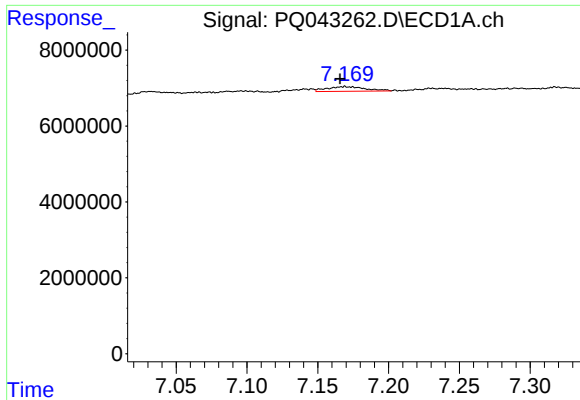
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 6.179 min
Response: 0
Conc: N.D.



#11 AR-1232-1

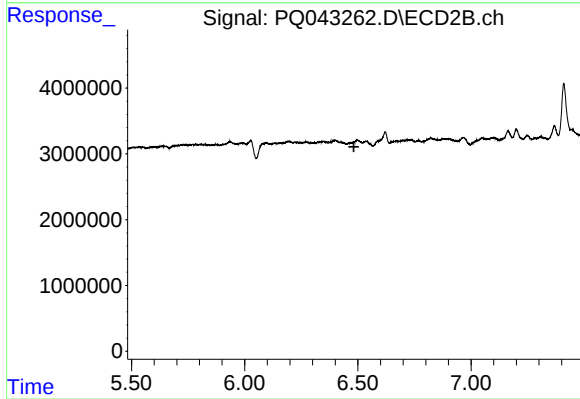
R.T.: 5.380 min
Delta R.T.: 0.060 min
Response: 3132141
Conc: 60.17 ng/ml



#13 AR-1232-3

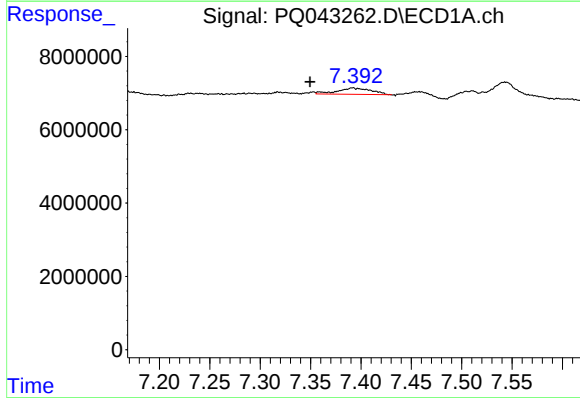
R.T.: 7.169 min
Delta R.T.: 0.004 min
Response: 2339131
Conc: 15.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



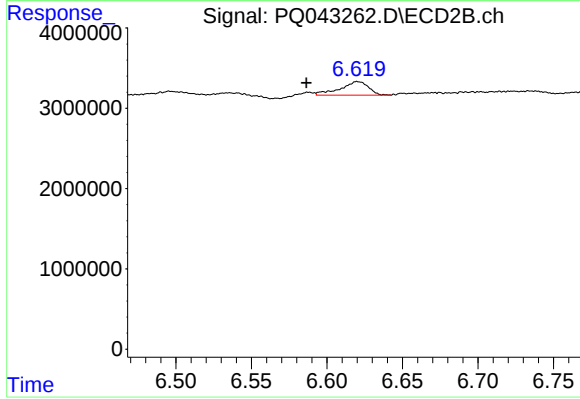
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 6.482 min
Response: 0
Conc: N.D.



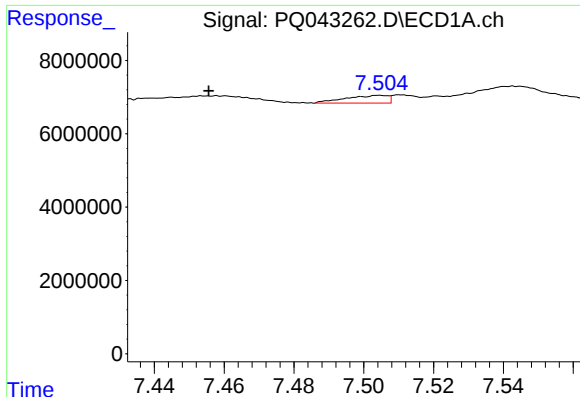
#14 AR-1232-4

R.T.: 7.392 min
Delta R.T.: 0.043 min
Response: 4095427
Conc: 58.38 ng/ml



#14 AR-1232-4

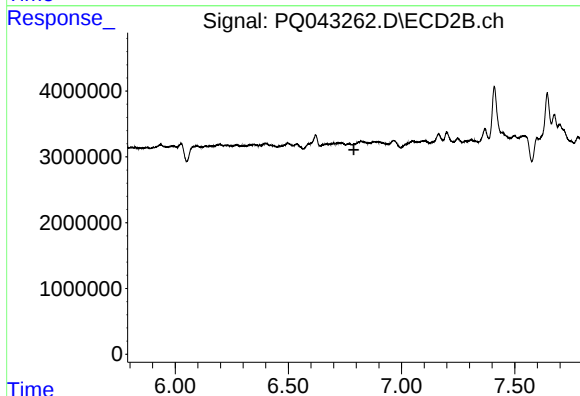
R.T.: 6.620 min
Delta R.T.: 0.034 min
Response: 2210162
Conc: 69.71 ng/ml



#15 AR-1232-5

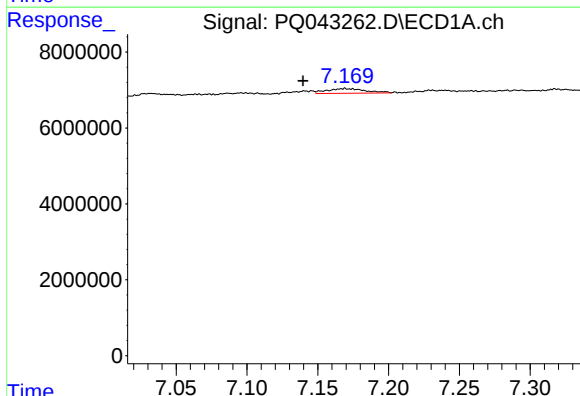
R.T.: 7.504 min
Delta R.T.: 0.049 min
Response: 1746041
Conc: 40.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



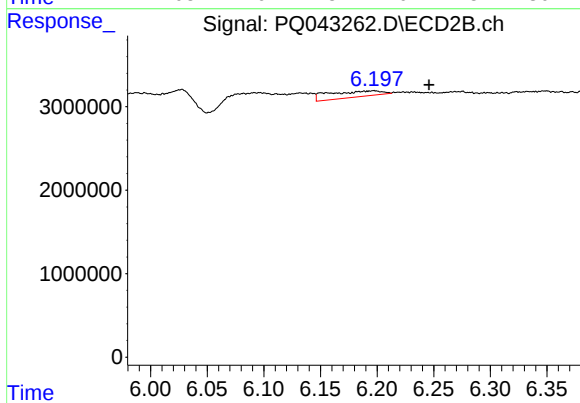
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.789 min
Response: 0
Conc: N.D.



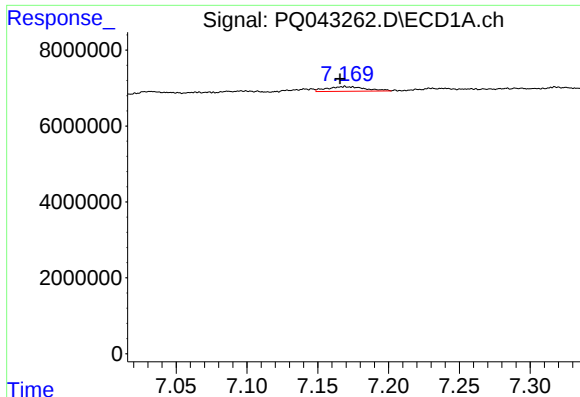
#16 AR-1242-1

R.T.: 7.169 min
Delta R.T.: 0.030 min
Response: 2339131
Conc: 11.95 ng/ml



#16 AR-1242-1

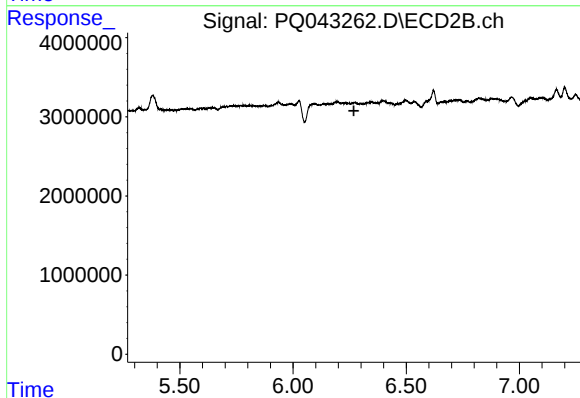
R.T.: 6.197 min
Delta R.T.: -0.049 min
Response: 2326286
Conc: 22.62 ng/ml



#17 AR-1242-2

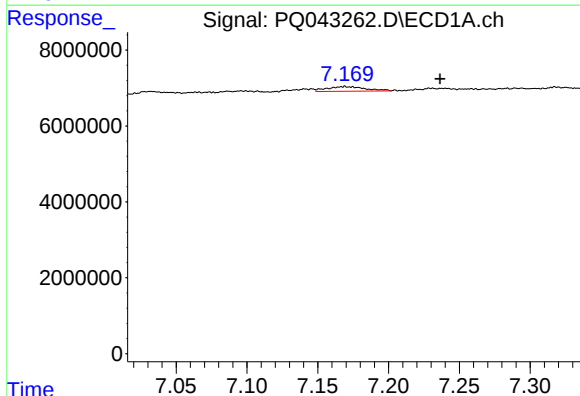
R.T.: 7.169 min
Delta R.T.: 0.004 min
Response: 2339131
Conc: 8.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



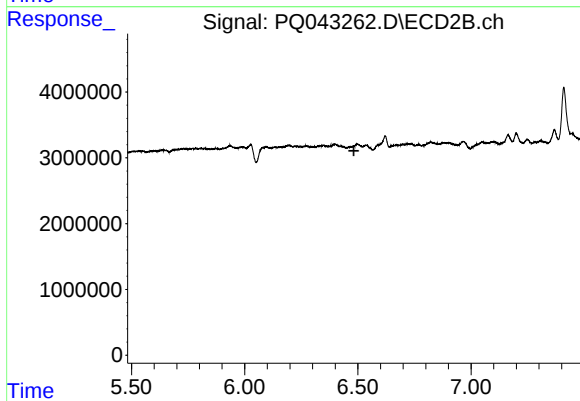
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 6.269 min
Response: 0
Conc: N.D.



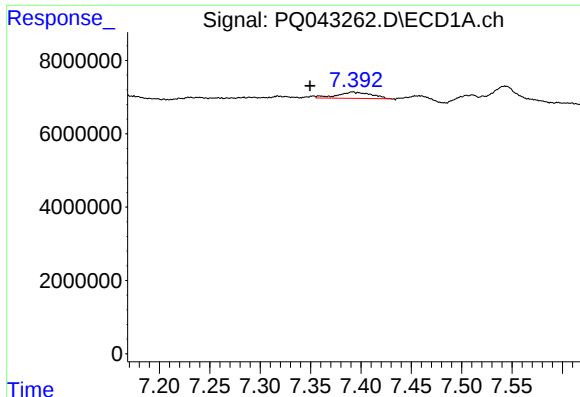
#18 AR-1242-3

R.T.: 7.169 min
Delta R.T.: -0.067 min
Response: 2339131
Conc: 13.30 ng/ml



#18 AR-1242-3

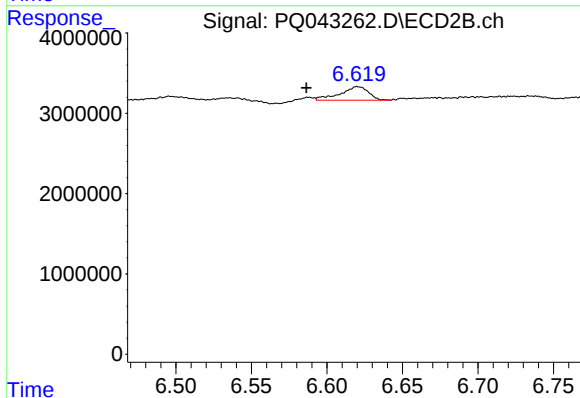
R.T.: 0.000 min
Exp R.T. : 6.482 min
Response: 0
Conc: N.D.



#19 AR-1242-4

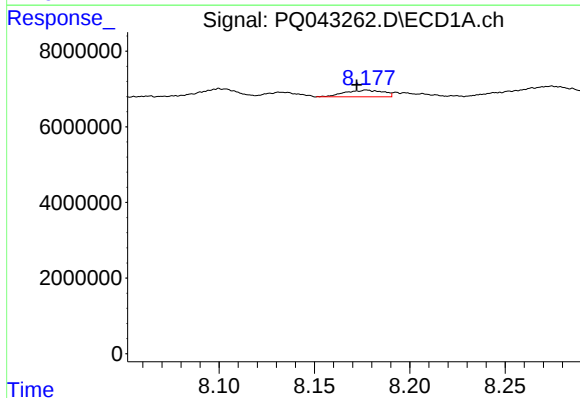
R.T.: 7.392 min
Delta R.T.: 0.043 min
Response: 4095427
Conc: 27.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



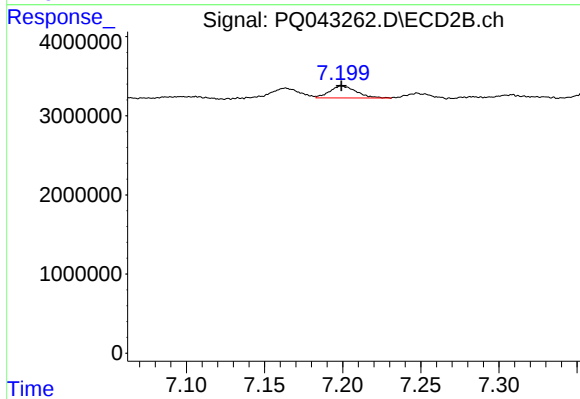
#19 AR-1242-4

R.T.: 6.620 min
Delta R.T.: 0.034 min
Response: 2210162
Conc: 30.80 ng/ml



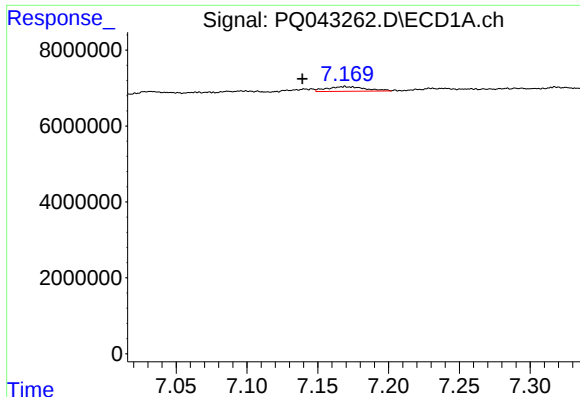
#20 AR-1242-5

R.T.: 8.177 min
Delta R.T.: 0.005 min
Response: 2459305
Conc: 13.81 ng/ml



#20 AR-1242-5

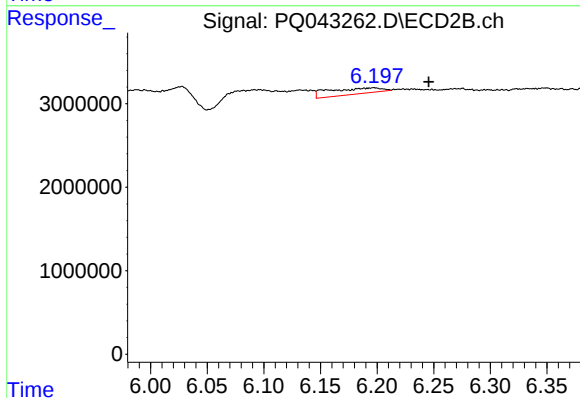
R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 1797712
Conc: 16.36 ng/ml



#21 AR-1248-1

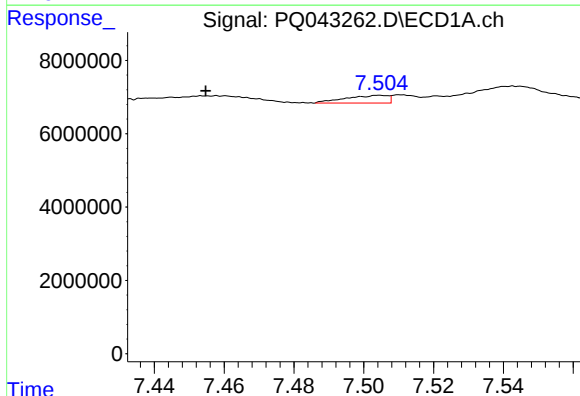
R.T.: 7.169 min
Delta R.T.: 0.030 min
Response: 2339131
Conc: 15.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



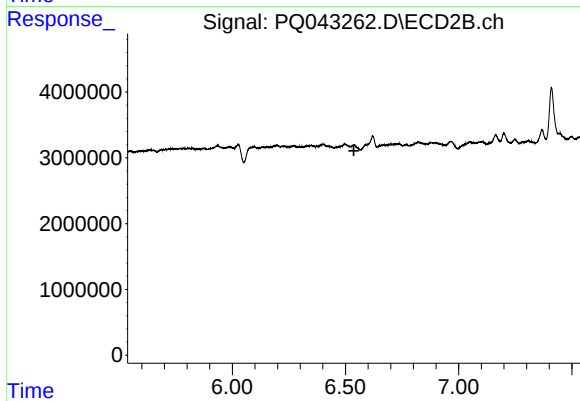
#21 AR-1248-1

R.T.: 6.197 min
Delta R.T.: -0.048 min
Response: 2326286
Conc: 29.23 ng/ml



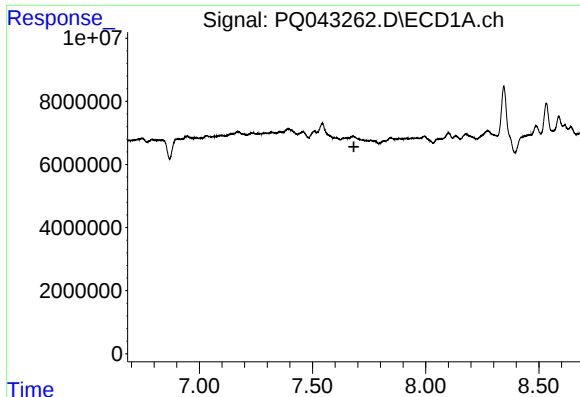
#22 AR-1248-2

R.T.: 7.504 min
Delta R.T.: 0.050 min
Response: 1746041
Conc: 9.17 ng/ml



#22 AR-1248-2

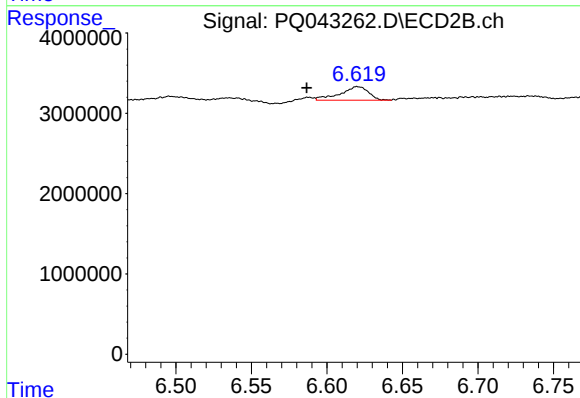
R.T.: 0.000 min
Exp R.T.: 6.537 min
Response: 0
Conc: N.D.



#23 AR-1248-3

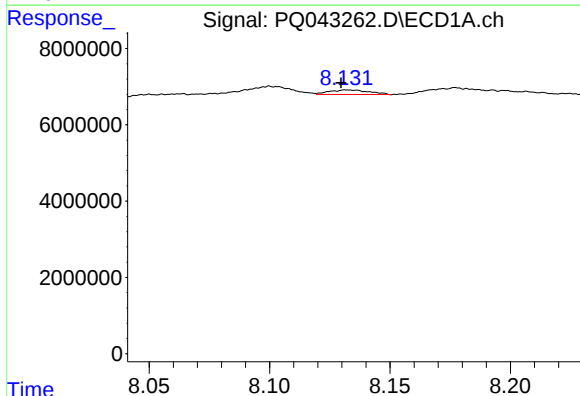
R.T.: 0.000 min
Exp R.T.: 7.683 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
F2D17



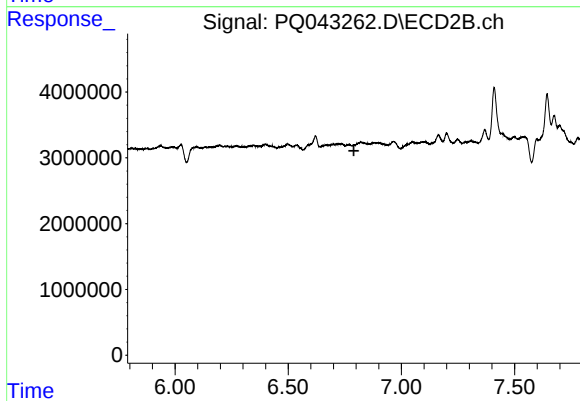
#23 AR-1248-3

R.T.: 6.620 min
Delta R.T.: 0.033 min
Response: 2210162
Conc: 20.54 ng/ml



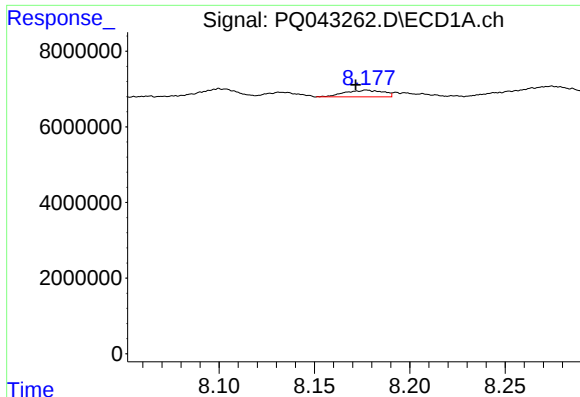
#24 AR-1248-4

R.T.: 8.131 min
Delta R.T.: 0.002 min
Response: 1387889
Conc: 4.62 ng/ml



#24 AR-1248-4

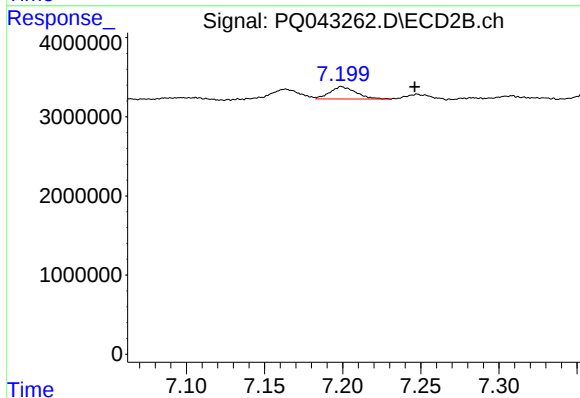
R.T.: 0.000 min
Exp R.T.: 6.790 min
Response: 0
Conc: N.D.



#25 AR-1248-5

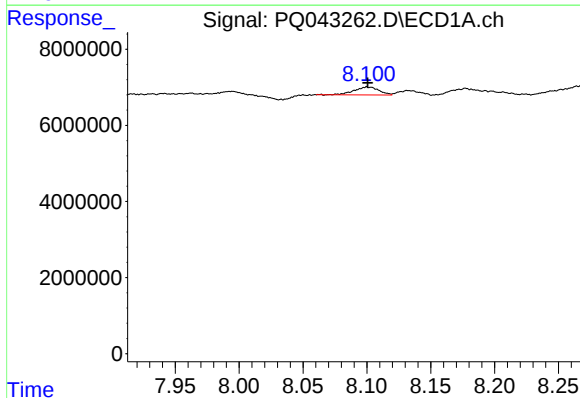
R.T.: 8.177 min
Delta R.T.: 0.006 min
Response: 2459305
Conc: 8.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



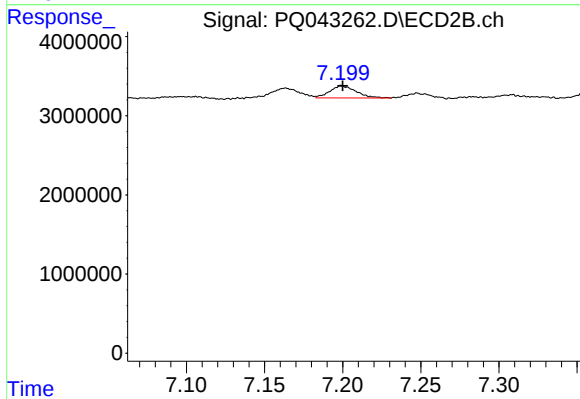
#25 AR-1248-5

R.T.: 7.199 min
Delta R.T.: -0.047 min
Response: 1797712
Conc: 12.44 ng/ml



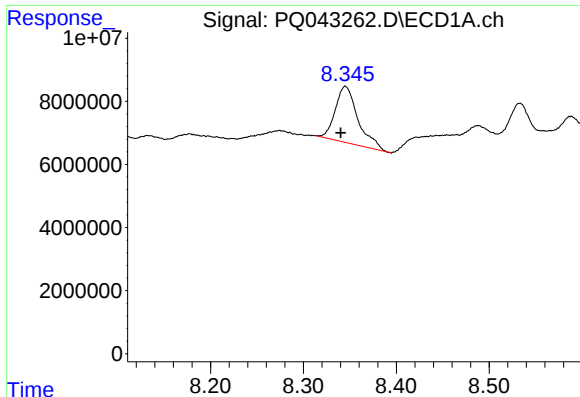
#26 AR-1254-1

R.T.: 8.100 min
Delta R.T.: 0.000 min
Response: 2834754
Conc: 9.72 ng/ml



#26 AR-1254-1

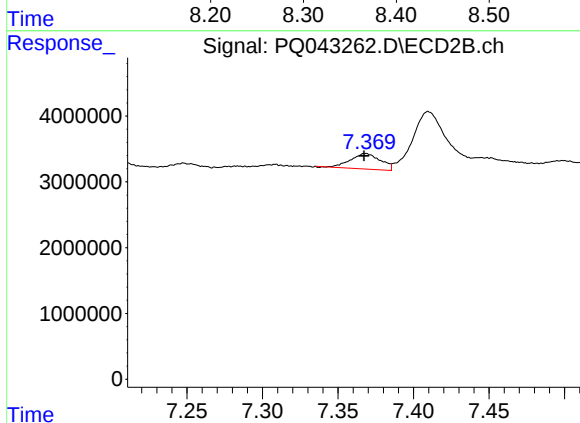
R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 1797712
Conc: 7.94 ng/ml



#27 AR-1254-2

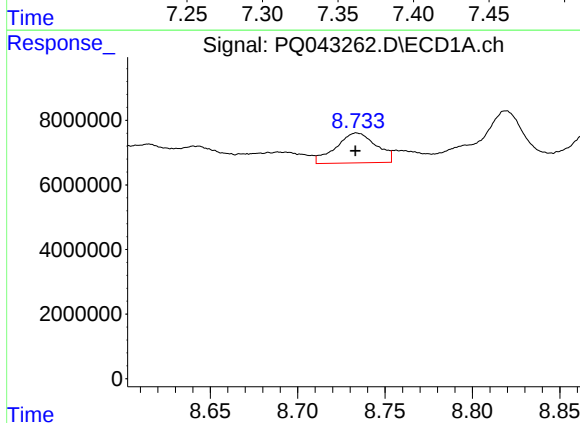
R.T.: 8.345 min
Delta R.T.: 0.005 min
Response: 30286085
Conc: 61.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



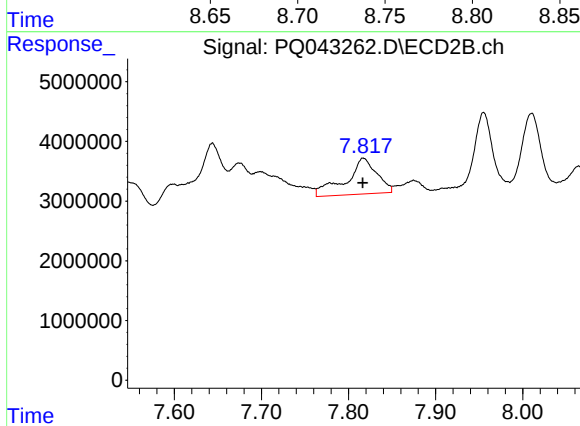
#27 AR-1254-2

R.T.: 7.368 min
Delta R.T.: 0.001 min
Response: 3235312
Conc: 15.48 ng/ml



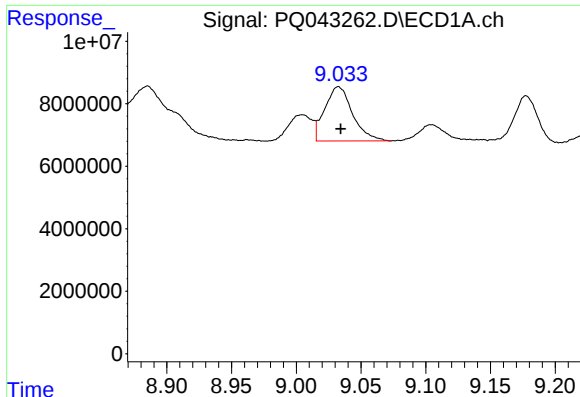
#28 AR-1254-3

R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 14895923
Conc: 27.15 ng/ml



#28 AR-1254-3

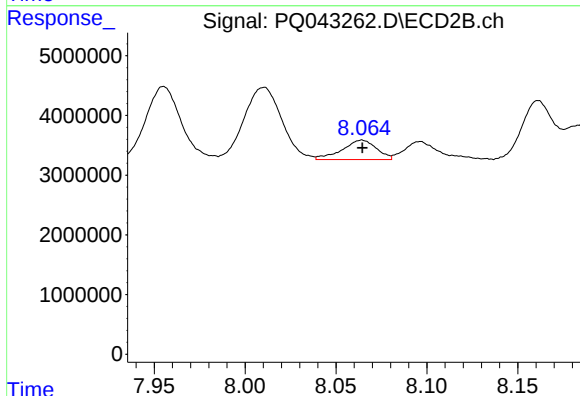
R.T.: 7.817 min
Delta R.T.: 0.000 min
Response: 14851087
Conc: 39.70 ng/ml



#29 AR-1254-4

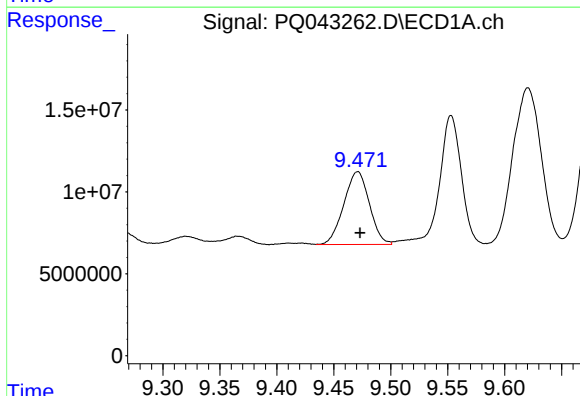
R.T.: 9.033 min
Delta R.T.: -0.002 min
Response: 25926300
Conc: 60.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



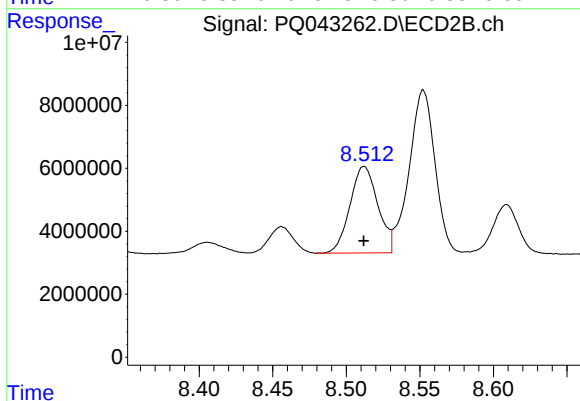
#29 AR-1254-4

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 4278327
Conc: 17.71 ng/ml



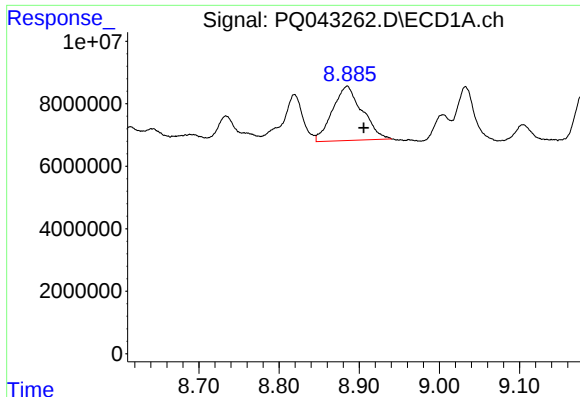
#30 AR-1254-5

R.T.: 9.471 min
Delta R.T.: -0.002 min
Response: 69316100
Conc: 152.66 ng/ml



#30 AR-1254-5

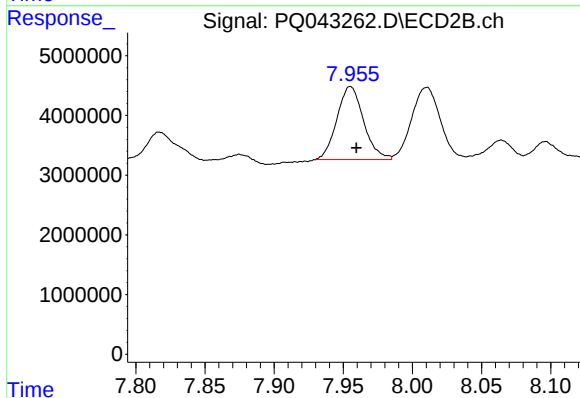
R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 36256438
Conc: 100.03 ng/ml



#31 AR-1260-1

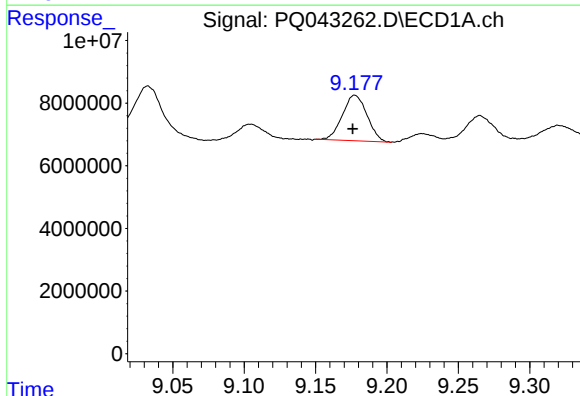
R.T.: 8.885 min
Delta R.T.: -0.020 min
Response: 44752363
Conc: 128.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



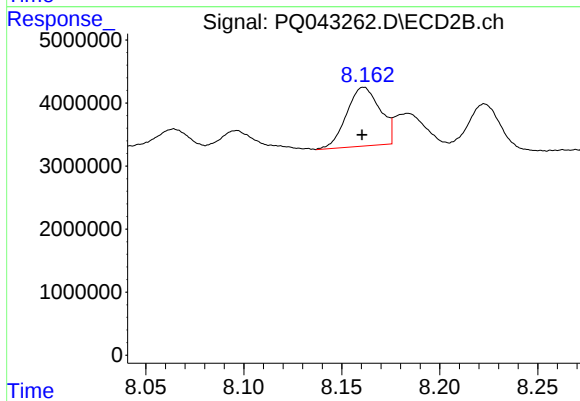
#31 AR-1260-1

R.T.: 7.955 min
Delta R.T.: -0.004 min
Response: 16447944
Conc: 73.18 ng/ml



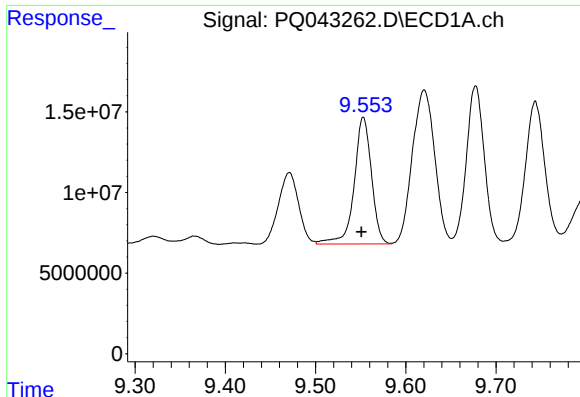
#32 AR-1260-2

R.T.: 9.178 min
Delta R.T.: 0.001 min
Response: 17503661
Conc: 45.06 ng/ml



#32 AR-1260-2

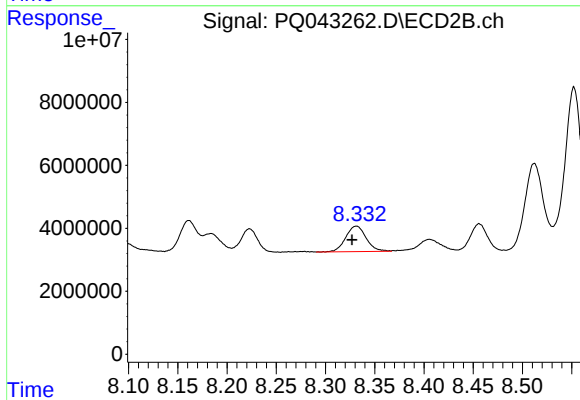
R.T.: 8.161 min
Delta R.T.: 0.000 min
Response: 11078720
Conc: 37.42 ng/ml



#33 AR-1260-3

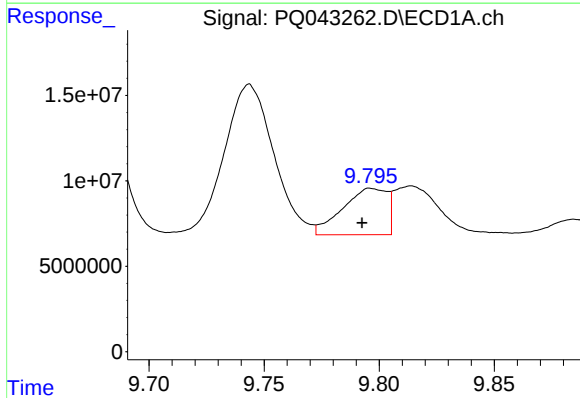
R.T.: 9.553 min
Delta R.T.: 0.002 min
Response: 104943233
Conc: 297.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



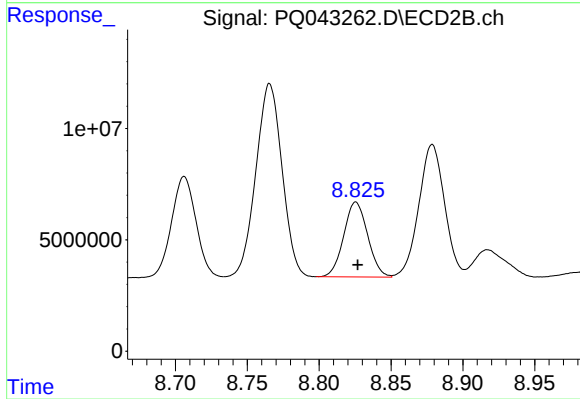
#33 AR-1260-3

R.T.: 8.331 min
Delta R.T.: 0.004 min
Response: 11725219
Conc: 44.22 ng/ml



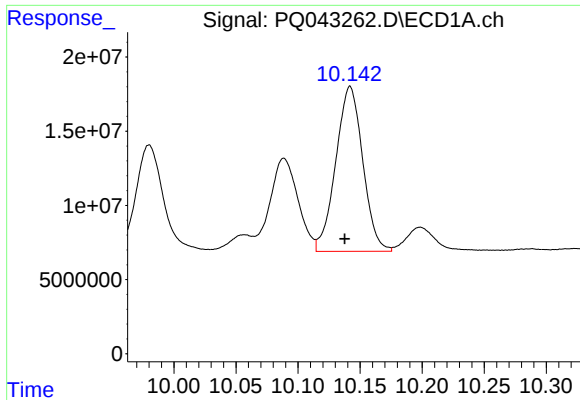
#34 AR-1260-4

R.T.: 9.796 min
Delta R.T.: 0.004 min
Response: 36549216
Conc: 84.43 ng/ml



#34 AR-1260-4

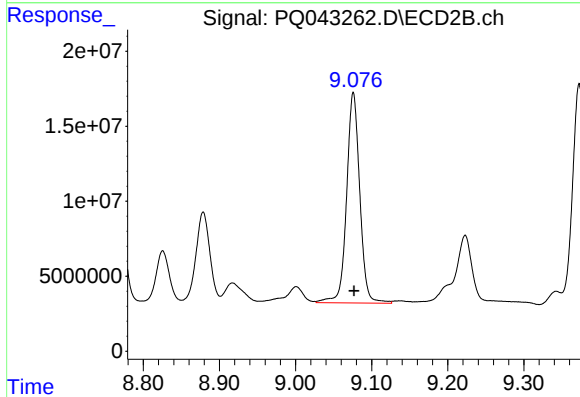
R.T.: 8.826 min
Delta R.T.: -0.001 min
Response: 39051879
Conc: 163.53 ng/ml



#35 AR-1260-5

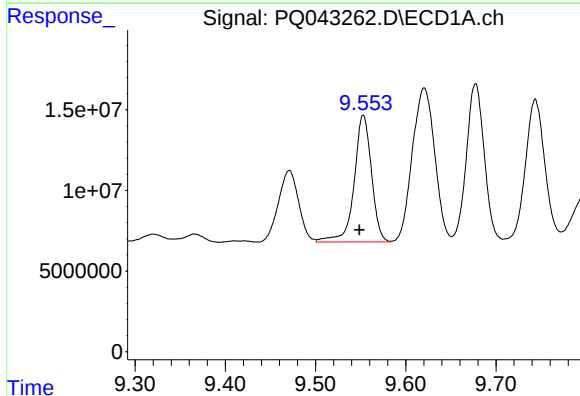
R.T.: 10.142 min
Delta R.T.: 0.004 min
Response: 168450996
Conc: 177.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



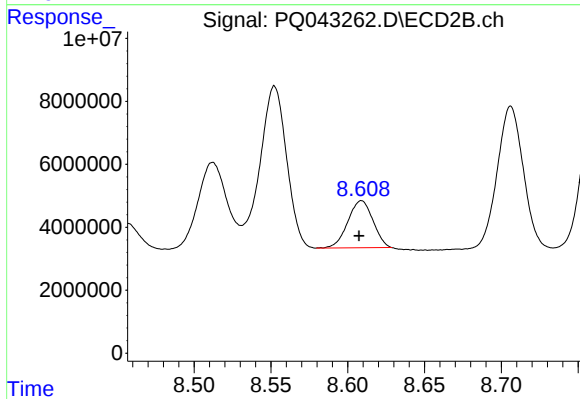
#35 AR-1260-5

R.T.: 9.076 min
Delta R.T.: 0.000 min
Response: 169074633
Conc: 259.67 ng/ml



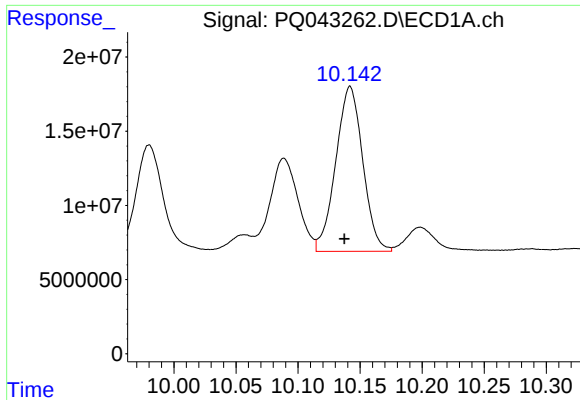
#36 AR-1262-1

R.T.: 9.553 min
Delta R.T.: 0.004 min
Response: 104943233
Conc: 164.29 ng/ml



#36 AR-1262-1

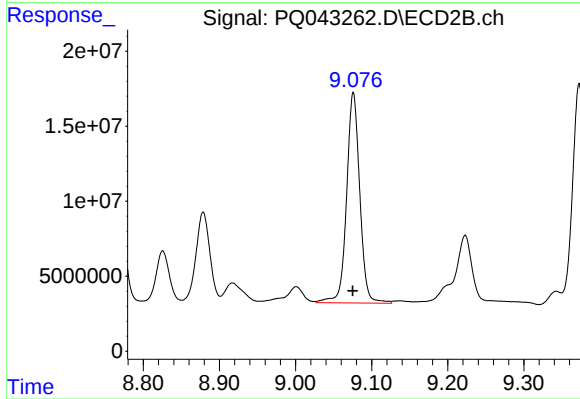
R.T.: 8.609 min
Delta R.T.: 0.002 min
Response: 17038005
Conc: 108.23 ng/ml



#37 AR-1262-2

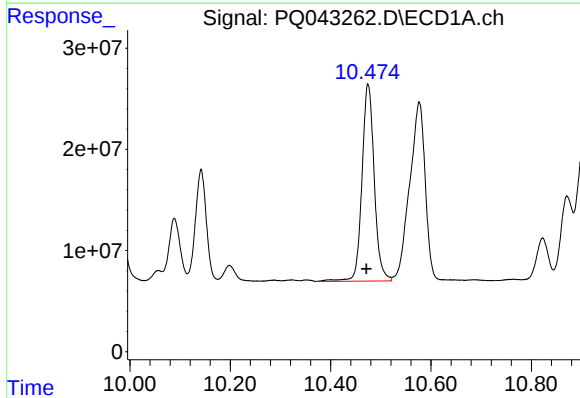
R.T.: 10.142 min
Delta R.T.: 0.005 min
Response: 168450996
Conc: 137.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



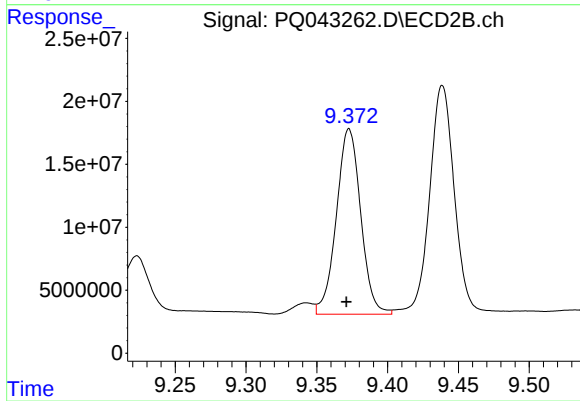
#37 AR-1262-2

R.T.: 9.076 min
Delta R.T.: 0.001 min
Response: 169074633
Conc: 208.48 ng/ml



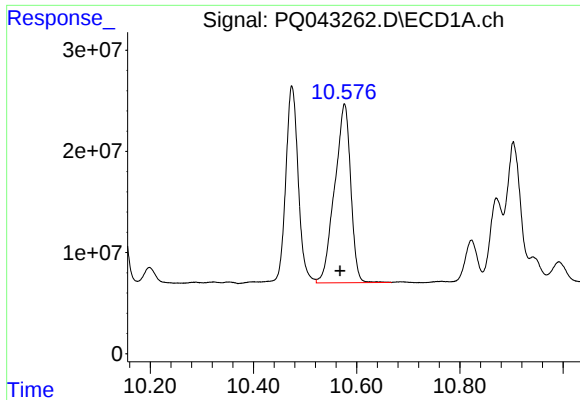
#38 AR-1262-3

R.T.: 10.474 min
Delta R.T.: 0.003 min
Response: 331210133
Conc: 384.51 ng/ml



#38 AR-1262-3

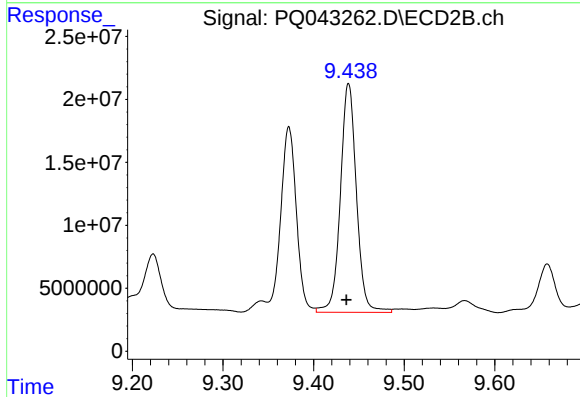
R.T.: 9.373 min
Delta R.T.: 0.002 min
Response: 176590875
Conc: 539.21 ng/ml



#39 AR-1262-4

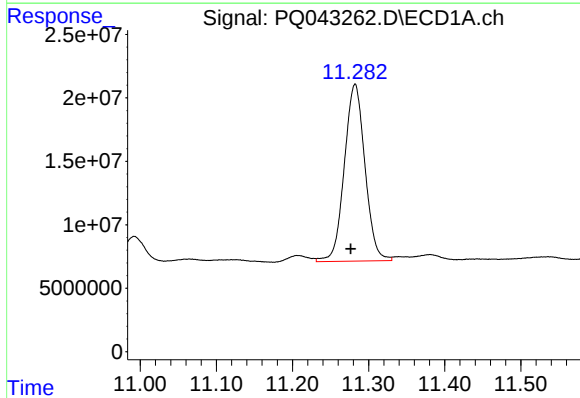
R.T.: 10.577 min
Delta R.T.: 0.009 min
Response: 382379941
Conc: 570.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



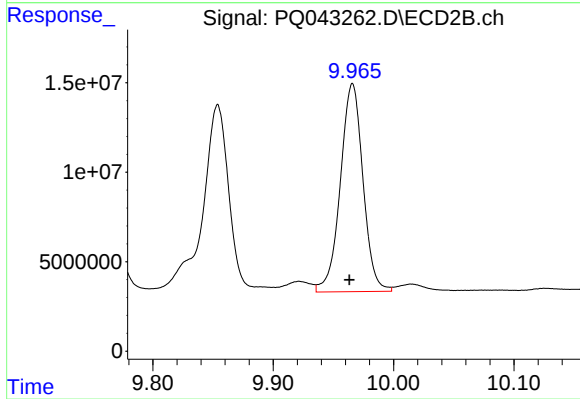
#39 AR-1262-4

R.T.: 9.439 min
Delta R.T.: 0.003 min
Response: 224355979
Conc: 365.08 ng/ml



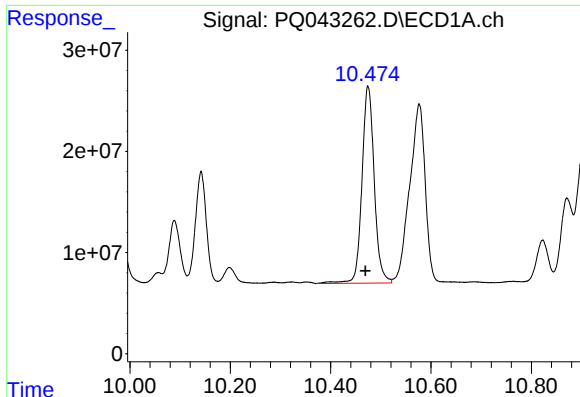
#40 AR-1262-5

R.T.: 11.282 min
Delta R.T.: 0.006 min
Response: 262826659
Conc: 569.05 ng/ml



#40 AR-1262-5

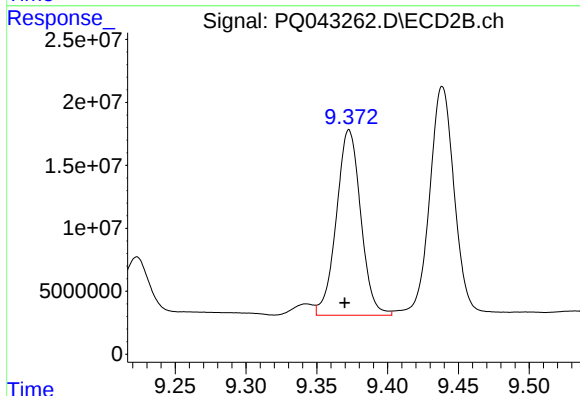
R.T.: 9.966 min
Delta R.T.: 0.003 min
Response: 152031535
Conc: 506.53 ng/ml



#41 AR-1268-1

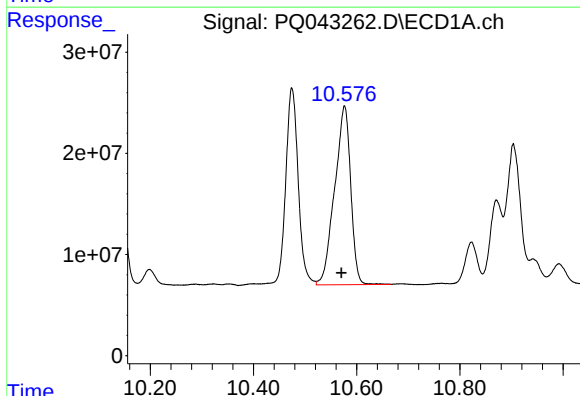
R.T.: 10.474 min
Delta R.T.: 0.005 min
Response: 331210133
Conc: 245.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



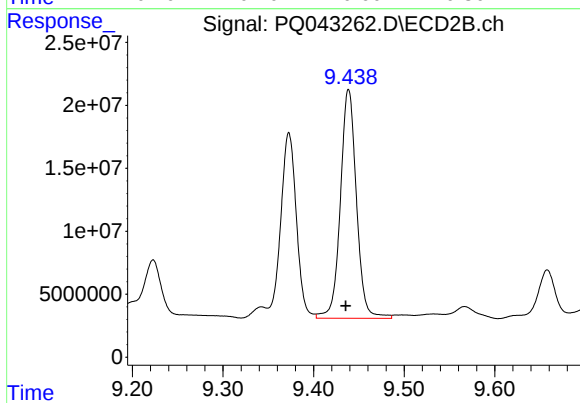
#41 AR-1268-1

R.T.: 9.373 min
Delta R.T.: 0.003 min
Response: 176590875
Conc: 210.59 ng/ml



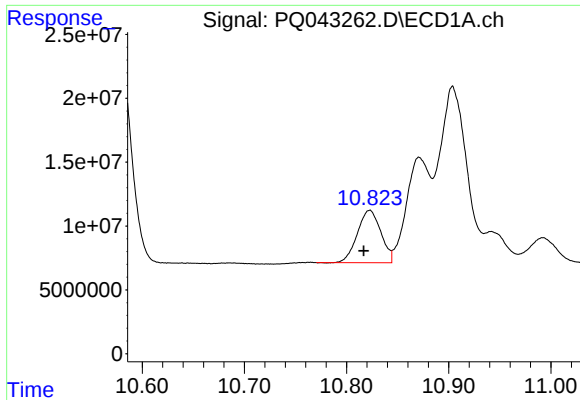
#42 AR-1268-2

R.T.: 10.577 min
Delta R.T.: 0.006 min
Response: 382379941
Conc: 303.21 ng/ml



#42 AR-1268-2

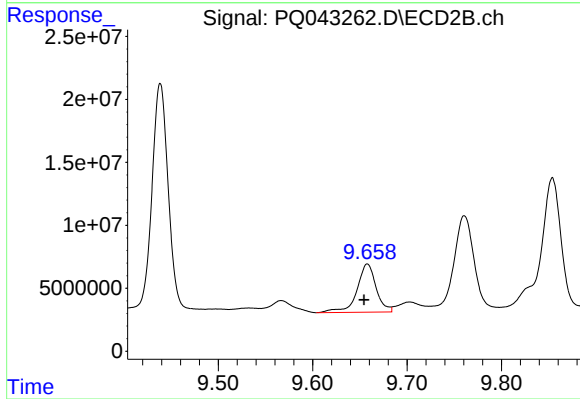
R.T.: 9.439 min
Delta R.T.: 0.003 min
Response: 224355979
Conc: 286.06 ng/ml



#43 AR-1268-3

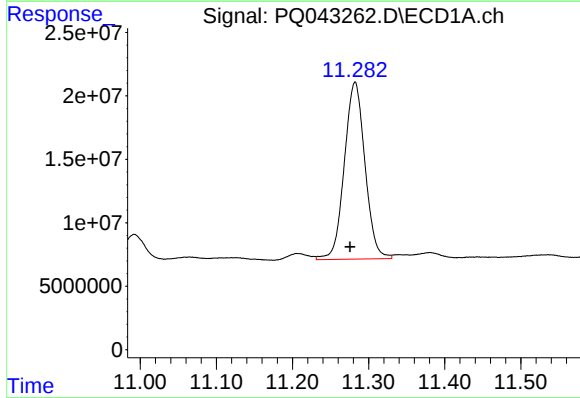
R.T.: 10.823 min
Delta R.T.: 0.006 min
Response: 65571500
Conc: 63.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



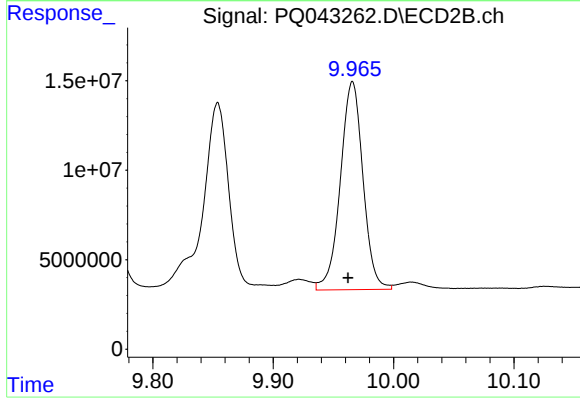
#43 AR-1268-3

R.T.: 9.658 min
Delta R.T.: 0.004 min
Response: 54164097
Conc: 83.55 ng/ml



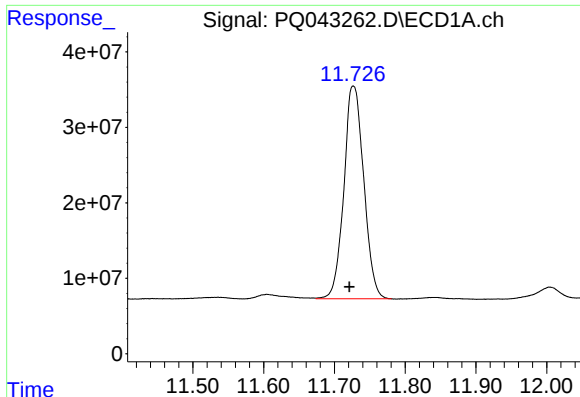
#44 AR-1268-4

R.T.: 11.282 min
Delta R.T.: 0.006 min
Response: 262826659
Conc: 543.39 ng/ml



#44 AR-1268-4

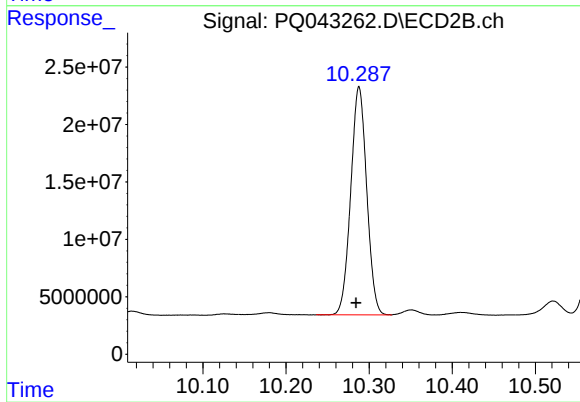
R.T.: 9.966 min
Delta R.T.: 0.004 min
Response: 152031535
Conc: 520.00 ng/ml



#45 AR-1268-5

R.T.: 11.727 min
Delta R.T.: 0.005 min
Response: 550442996
Conc: 144.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
F2D17



#45 AR-1268-5

R.T.: 10.288 min
Delta R.T.: 0.003 min
Response: 265357580
Conc: 125.32 ng/ml