

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080719\
 Data File : PQ042047.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2019 22:16
 Operator : SM\AJ
 Sample : K4186-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETP13

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 05:27:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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...	5.681	4.742	45897231	42084895	20.013	21.837
2)	SA Decachlor...	12.070	10.493	193.2E6	156.9E6	22.914	32.429 #
Target Compounds							
3)	L1 AR-1016-1	7.122	6.190	39898548	29684743	369.144	286.065
4)	L1 AR-1016-2	7.189	6.190	5506570	29684743	35.180	207.195 #
5)	L1 AR-1016-3	7.229	6.426	2737634	4911269	28.302	65.859 #
6)	L1 AR-1016-4	7.305	6.488	67087008	21260810	859.933	342.859 #
7)	L1 AR-1016-5	7.724	6.760	45372321	37189460	577.181	456.854
12)	L3 AR-1232-2	0.000	6.190	0	29684743	N.D.	520.531 #
13)	L3 AR-1232-3	7.189	6.426	5506570	4911269	82.479	164.700 #
14)	L3 AR-1232-4	7.305	6.532	67087008	10695444	2091.461	400.628 #
15)	L3 AR-1232-5	7.474	6.760	19522493	37189460	908.434	1268.133 #
16)	L4 AR-1242-1	7.122	6.190	39898548	29684743	446.047	362.718
17)	L4 AR-1242-2	7.189	6.190	5506570	29684743	42.822	262.841 #
18)	L4 AR-1242-3	7.229	6.426	2737634	4911269	33.762	83.139 #
19)	L4 AR-1242-4	7.305	6.532	67087008	10695444	1043.544	180.370 #
20)	L4 AR-1242-5	8.185	7.139	22262677	188.7E6	250.915	2125.396 #
21)	L5 AR-1248-1	7.122	6.190	39898548	29684743	538.180	447.707
22)	L5 AR-1248-2	7.474	6.488	19522493	21260810	211.596	243.851
23)	L5 AR-1248-3	7.724	6.532	45372321	10695444	404.961	119.829 #
24)	L5 AR-1248-4	8.123	6.760	508.8E6	37189460	3253.751	337.652 #
25)	L5 AR-1248-5	8.185	7.194	22262677	53055979	147.120	413.935 #
26)	L6 AR-1254-1	8.067	7.139	45415022	188.7E6	326.457	1031.923 #
27)	L6 AR-1254-2	8.334	7.340	100.7E6	17234989	440.008	106.473 #
28)	L6 AR-1254-3	8.728	7.782	61116882	23495714	223.522	81.467 #
29)	L6 AR-1254-4	9.021	8.011	29636353	21361460	120.387	98.407
30)	L6 AR-1254-5	9.483	8.488	229.9E6	24812636	848.841	82.498 #
31)	L7 AR-1260-1	8.893	7.913	7389893	12938960	41.543	71.317 #
32)	L7 AR-1260-2	9.159	8.104	238.0E6	6694426	943.357	27.287 #
33)	L7 AR-1260-3	9.569	8.271	23541864	8125161	102.743	38.186 #
34)	L7 AR-1260-4	9.779	8.779	72290596	10687751	283.112	52.834 #
35)	L7 AR-1260-5	10.159	9.019	51040967	8221134	75.774	13.929 #
36)	L8 AR-1262-1	9.601	8.570	24694910	8511067	160.675	59.325 #
37)	L8 AR-1262-2	10.126	9.019	29687534	8221134	33.912	11.094 #
38)	L8 AR-1262-3	10.477	9.314	42606342	1711140	67.096	5.409 #
39)	L8 AR-1262-4	0.000	9.378	0	4596866	N.D.	8.174 #
40)	L8 AR-1262-5	11.270	9.902	65324535	2348608	160.459	8.223 #
41)	L9 AR-1268-1	10.477	9.314	42606342	1711140	29.909	1.497 #
42)	L9 AR-1268-2	0.000	9.378	0	4596866	N.D.	4.478 #
43)	L9 AR-1268-3	10.803	9.669	12652010	1624632	10.813	1.870 #
44)	L9 AR-1268-4	11.270	9.902	65324535	2348608	119.990	6.106 #
45)	L9 AR-1268-5	11.709	10.212	10230891	2546550	2.524	0.980 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080719\
Data File : PQ042047.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2019 22:16
Operator : SM\AJ
Sample : K4186-06
Misc :
ALS Vial : 31 Sample Multiplier: 1

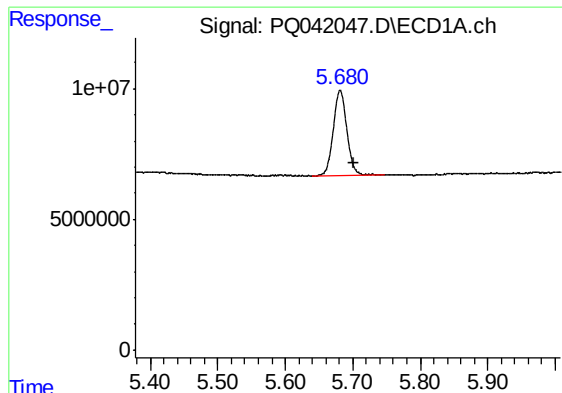
Instrument :
ECD_Q
ClientSampleId :
ETP13

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 05:27:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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
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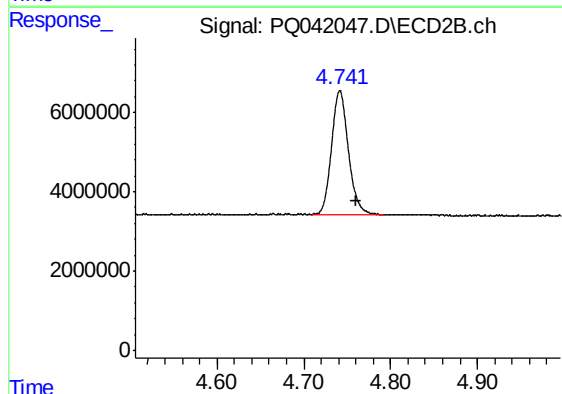
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

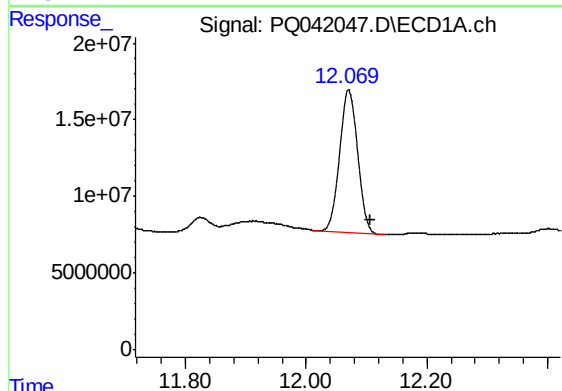
R.T.: 5.681 min
Delta R.T.: -0.020 min
Response: 45897231
Conc: 20.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



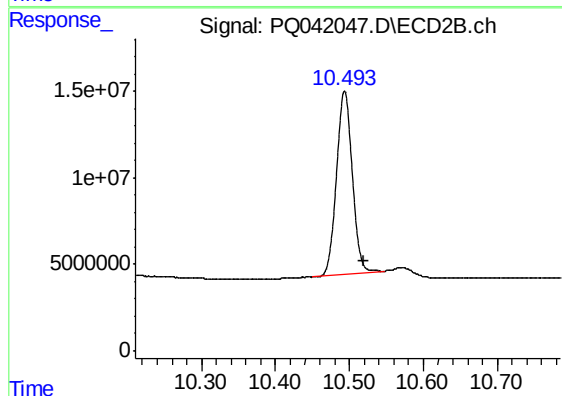
#1 Tetrachloro-m-xylene

R.T.: 4.742 min
Delta R.T.: -0.018 min
Response: 42084895
Conc: 21.84 ng/ml



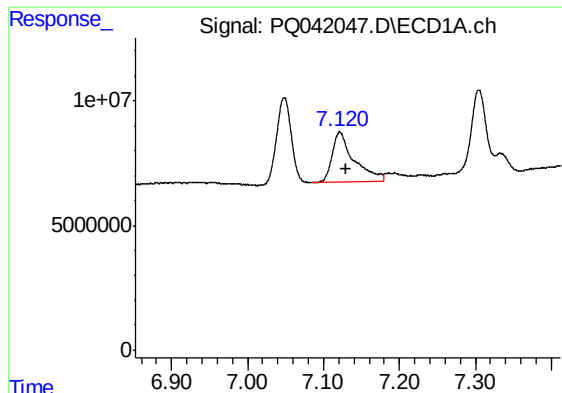
#2 Decachlorobiphenyl

R.T.: 12.070 min
Delta R.T.: -0.035 min
Response: 193192278
Conc: 22.91 ng/ml



#2 Decachlorobiphenyl

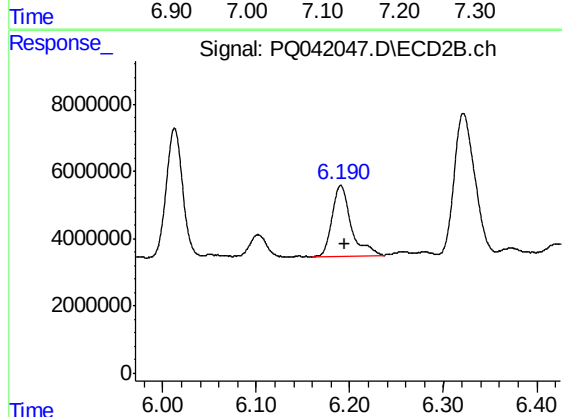
R.T.: 10.493 min
Delta R.T.: -0.026 min
Response: 156872398
Conc: 32.43 ng/ml



#3 AR-1016-1

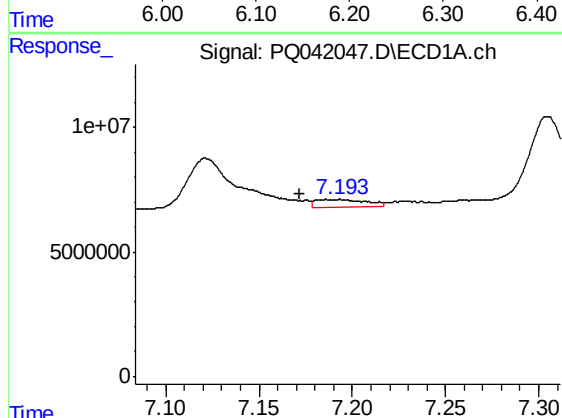
R.T.: 7.122 min
Delta R.T.: -0.007 min
Response: 39898548
Conc: 369.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



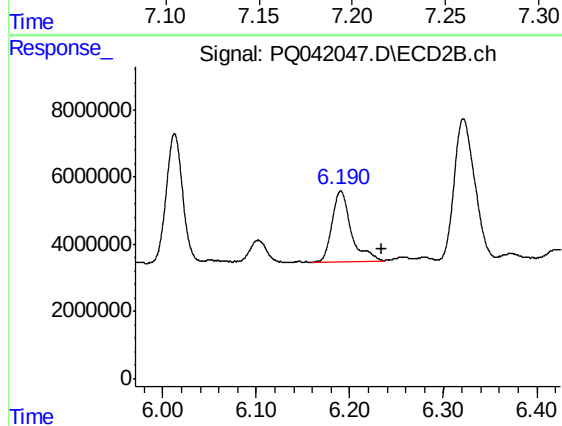
#3 AR-1016-1

R.T.: 6.190 min
Delta R.T.: -0.004 min
Response: 29684743
Conc: 286.06 ng/ml



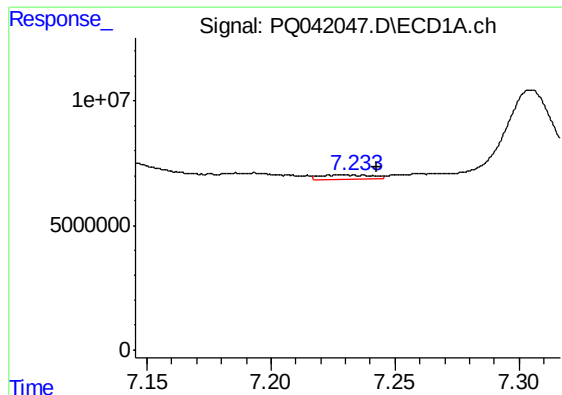
#4 AR-1016-2

R.T.: 7.189 min
Delta R.T.: 0.017 min
Response: 5506570
Conc: 35.18 ng/ml



#4 AR-1016-2

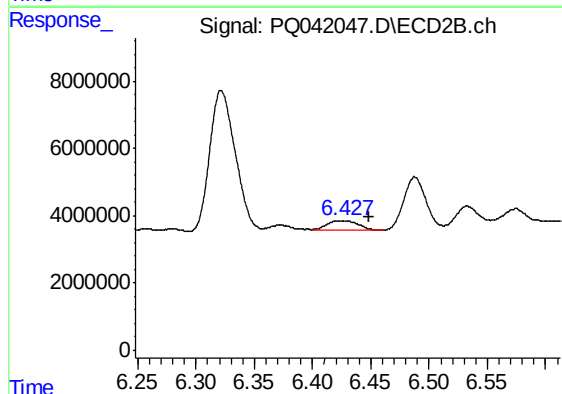
R.T.: 6.190 min
Delta R.T.: -0.043 min
Response: 29684743
Conc: 207.20 ng/ml



#5 AR-1016-3

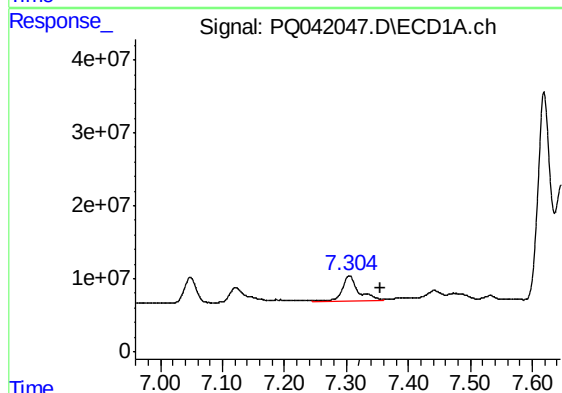
R.T.: 7.229 min
Delta R.T.: -0.014 min
Response: 2737634
Conc: 28.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



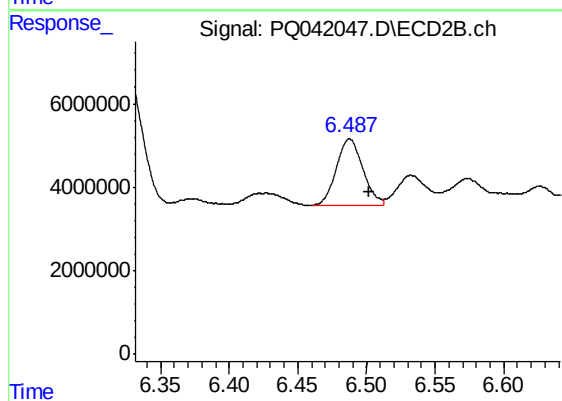
#5 AR-1016-3

R.T.: 6.426 min
Delta R.T.: -0.022 min
Response: 4911269
Conc: 65.86 ng/ml



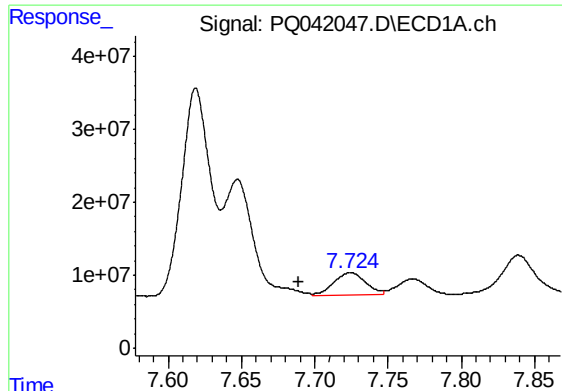
#6 AR-1016-4

R.T.: 7.305 min
Delta R.T.: -0.051 min
Response: 67087008
Conc: 859.93 ng/ml



#6 AR-1016-4

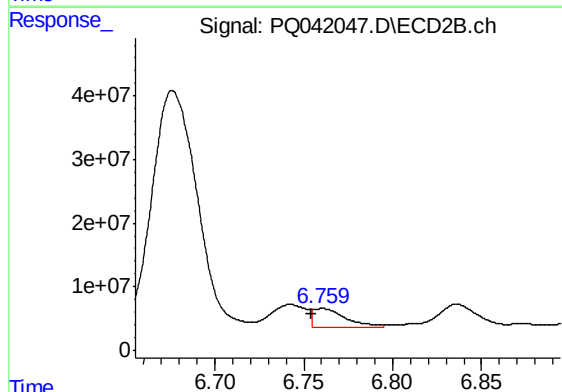
R.T.: 6.488 min
Delta R.T.: -0.014 min
Response: 21260810
Conc: 342.86 ng/ml



#7 AR-1016-5

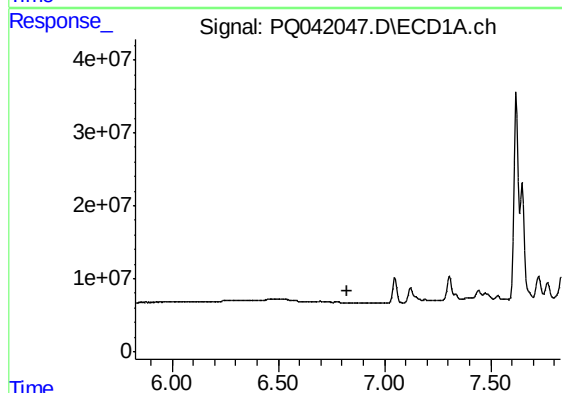
R.T.: 7.724 min
Delta R.T.: 0.035 min
Response: 45372321
Conc: 577.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



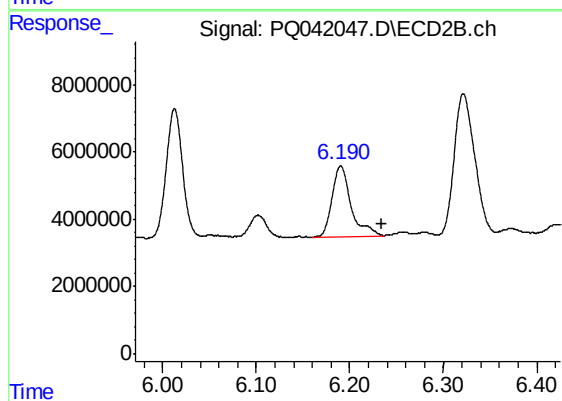
#7 AR-1016-5

R.T.: 6.760 min
Delta R.T.: 0.006 min
Response: 37189460
Conc: 456.85 ng/ml



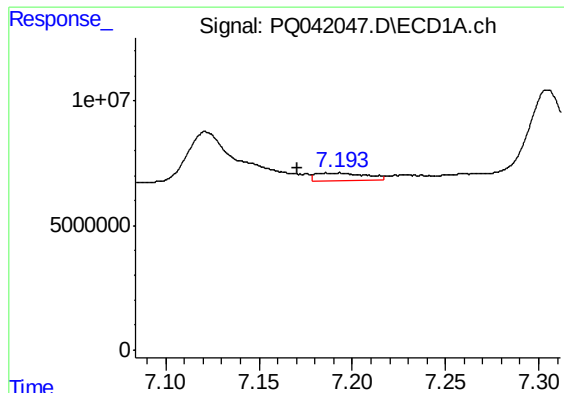
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.828 min
Response: 0
Conc: N.D.



#12 AR-1232-2

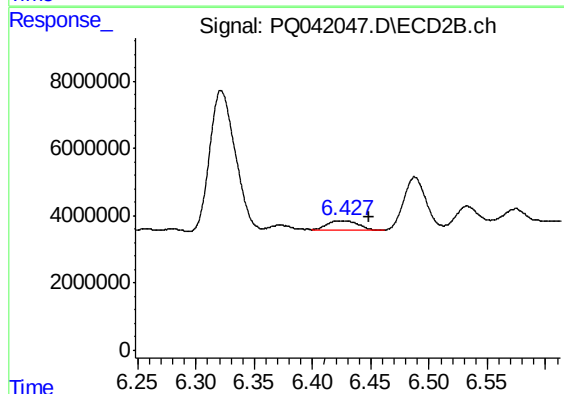
R.T.: 6.190 min
Delta R.T.: -0.044 min
Response: 29684743
Conc: 520.53 ng/ml



#13 AR-1232-3

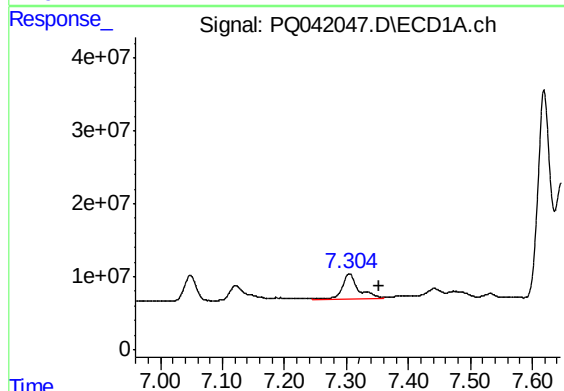
R.T.: 7.189 min
Delta R.T.: 0.019 min
Response: 5506570
Conc: 82.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



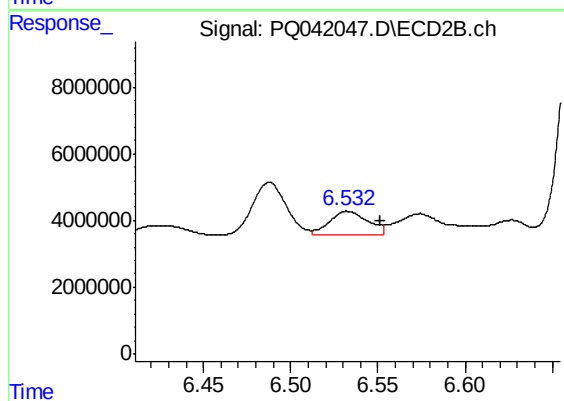
#13 AR-1232-3

R.T.: 6.426 min
Delta R.T.: -0.022 min
Response: 4911269
Conc: 164.70 ng/ml



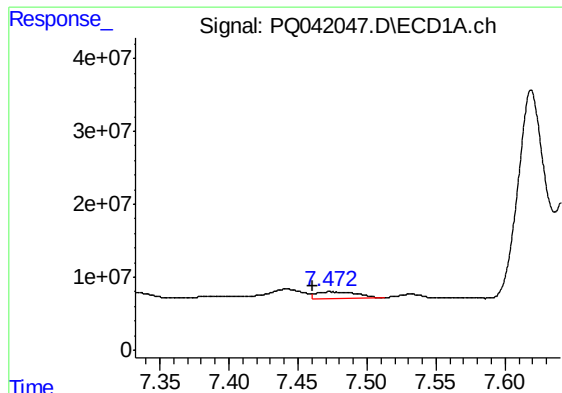
#14 AR-1232-4

R.T.: 7.305 min
Delta R.T.: -0.049 min
Response: 67087008
Conc: 2091.46 ng/ml



#14 AR-1232-4

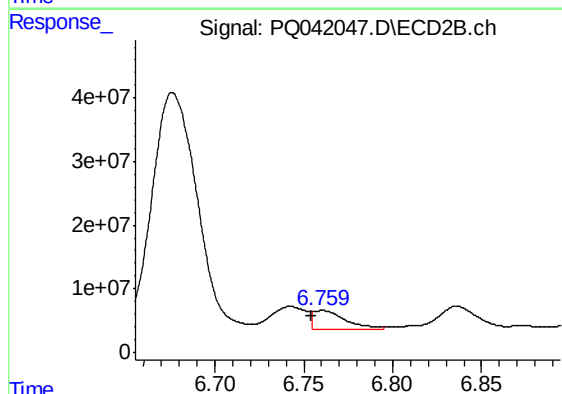
R.T.: 6.532 min
Delta R.T.: -0.019 min
Response: 10695444
Conc: 400.63 ng/ml



#15 AR-1232-5

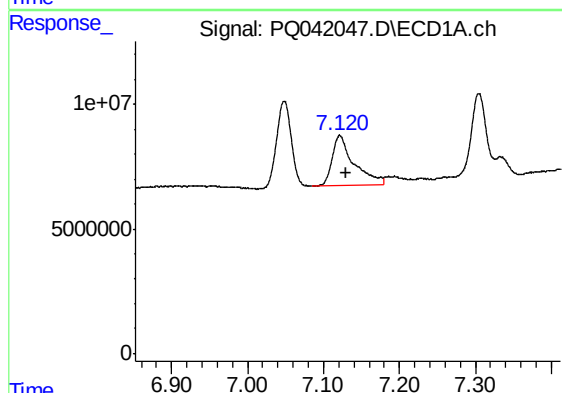
R.T.: 7.474 min
Delta R.T.: 0.014 min
Response: 19522493
Conc: 908.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



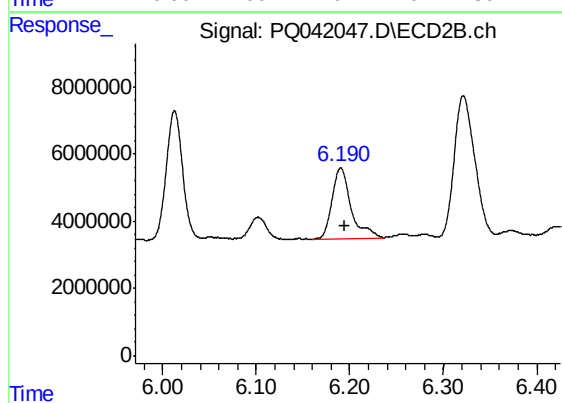
#15 AR-1232-5

R.T.: 6.760 min
Delta R.T.: 0.006 min
Response: 37189460
Conc: 1268.13 ng/ml



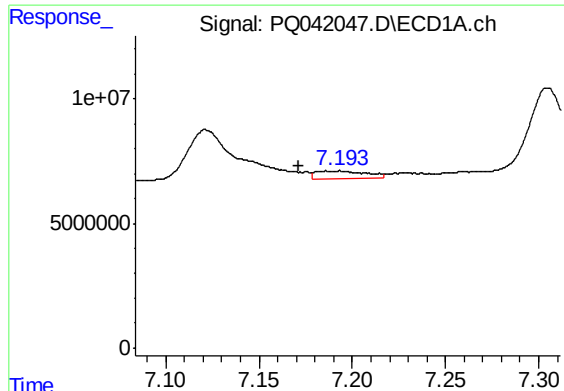
#16 AR-1242-1

R.T.: 7.122 min
Delta R.T.: -0.007 min
Response: 39898548
Conc: 446.05 ng/ml



#16 AR-1242-1

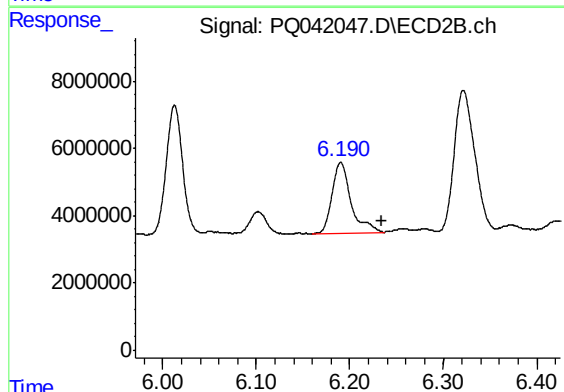
R.T.: 6.190 min
Delta R.T.: -0.004 min
Response: 29684743
Conc: 362.72 ng/ml



#17 AR-1242-2

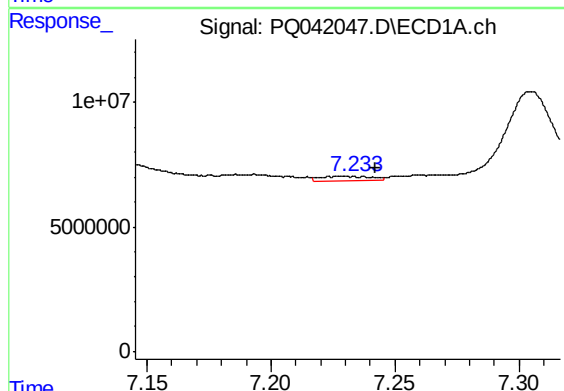
R.T.: 7.189 min
Delta R.T.: 0.018 min
Response: 5506570
Conc: 42.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



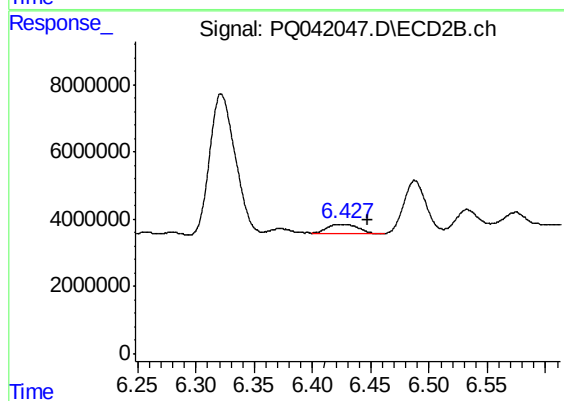
#17 AR-1242-2

R.T.: 6.190 min
Delta R.T.: -0.043 min
Response: 29684743
Conc: 262.84 ng/ml



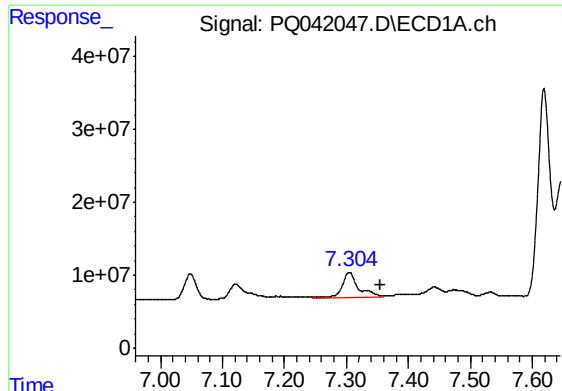
#18 AR-1242-3

R.T.: 7.229 min
Delta R.T.: -0.013 min
Response: 2737634
Conc: 33.76 ng/ml



#18 AR-1242-3

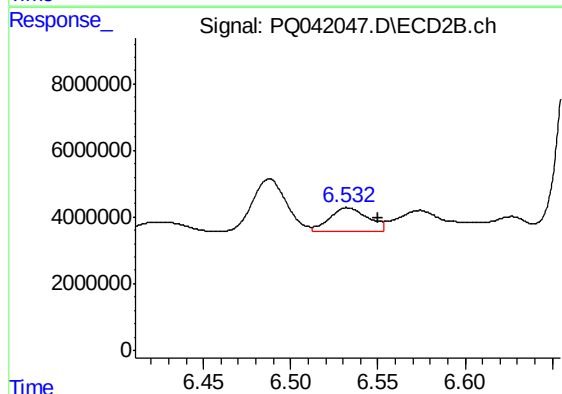
R.T.: 6.426 min
Delta R.T.: -0.021 min
Response: 4911269
Conc: 83.14 ng/ml



#19 AR-1242-4

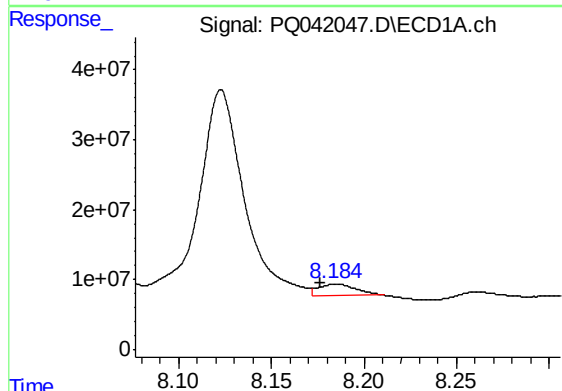
R.T.: 7.305 min
Delta R.T.: -0.050 min
Response: 67087008
Conc: 1043.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



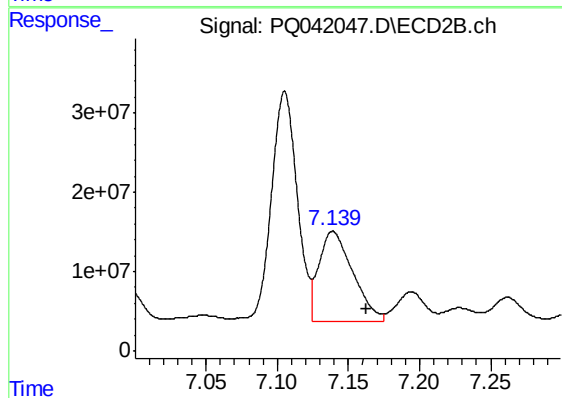
#19 AR-1242-4

R.T.: 6.532 min
Delta R.T.: -0.018 min
Response: 10695444
Conc: 180.37 ng/ml



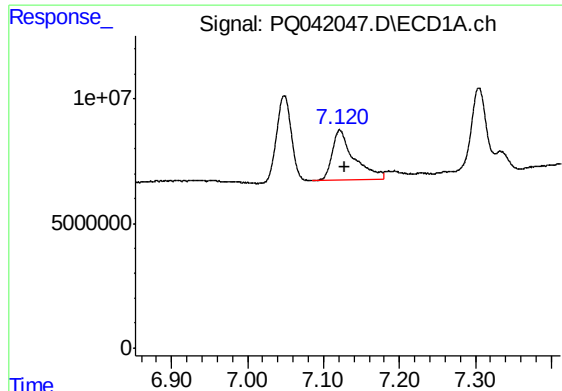
#20 AR-1242-5

R.T.: 8.185 min
Delta R.T.: 0.008 min
Response: 22262677
Conc: 250.92 ng/ml



#20 AR-1242-5

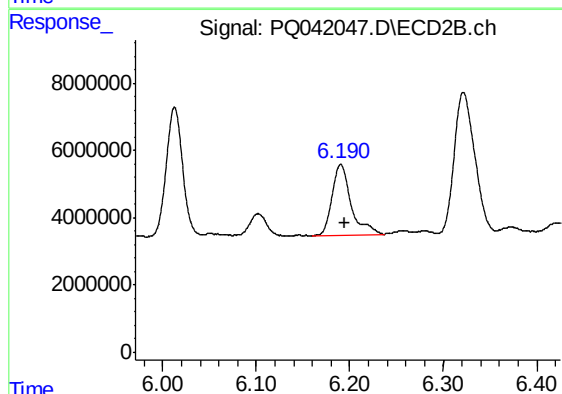
R.T.: 7.139 min
Delta R.T.: -0.023 min
Response: 188722893
Conc: 2125.40 ng/ml



#21 AR-1248-1

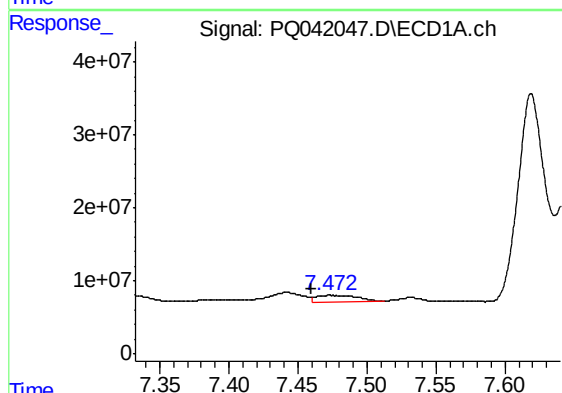
R.T.: 7.122 min
Delta R.T.: -0.006 min
Response: 39898548
Conc: 538.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



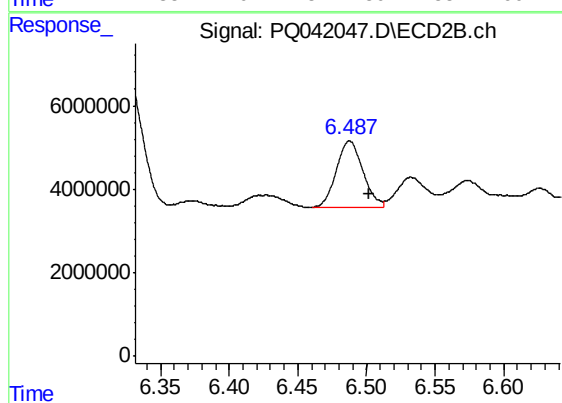
#21 AR-1248-1

R.T.: 6.190 min
Delta R.T.: -0.004 min
Response: 29684743
Conc: 447.71 ng/ml



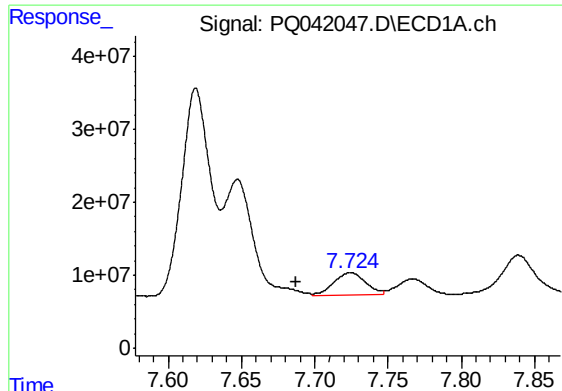
#22 AR-1248-2

R.T.: 7.474 min
Delta R.T.: 0.015 min
Response: 19522493
Conc: 211.60 ng/ml



#22 AR-1248-2

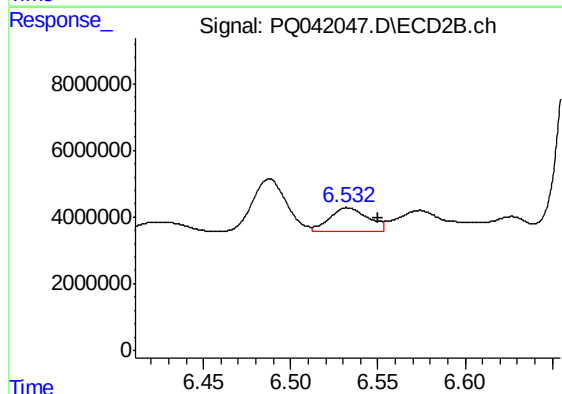
R.T.: 6.488 min
Delta R.T.: -0.014 min
Response: 21260810
Conc: 243.85 ng/ml



#23 AR-1248-3

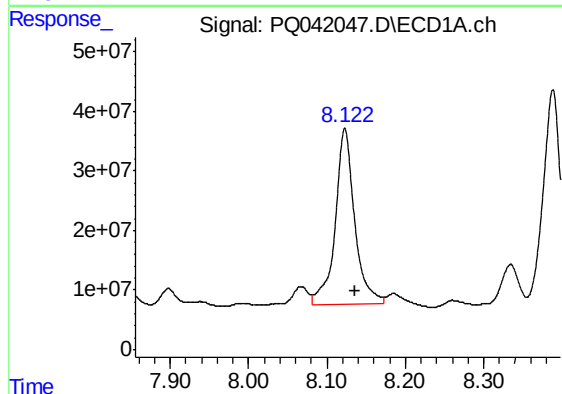
R.T.: 7.724 min
Delta R.T.: 0.037 min
Response: 45372321
Conc: 404.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



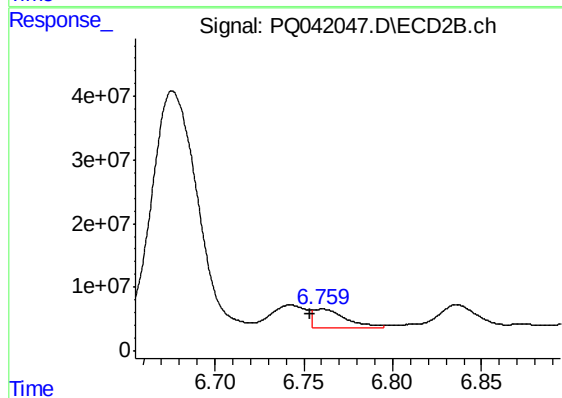
#23 AR-1248-3

R.T.: 6.532 min
Delta R.T.: -0.018 min
Response: 10695444
Conc: 119.83 ng/ml



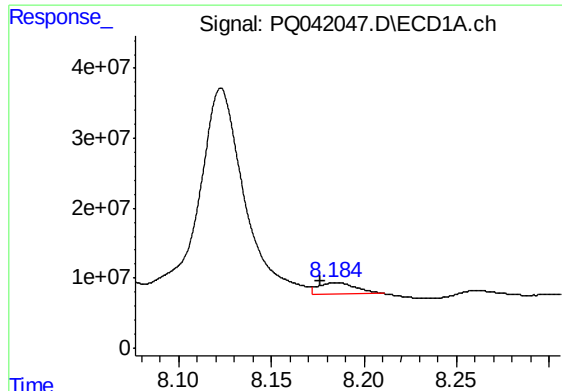
#24 AR-1248-4

R.T.: 8.123 min
Delta R.T.: -0.012 min
Response: 508750725
Conc: 3253.75 ng/ml



#24 AR-1248-4

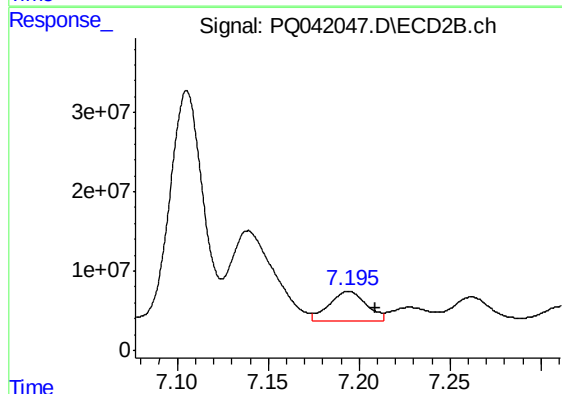
R.T.: 6.760 min
Delta R.T.: 0.007 min
Response: 37189460
Conc: 337.65 ng/ml



#25 AR-1248-5

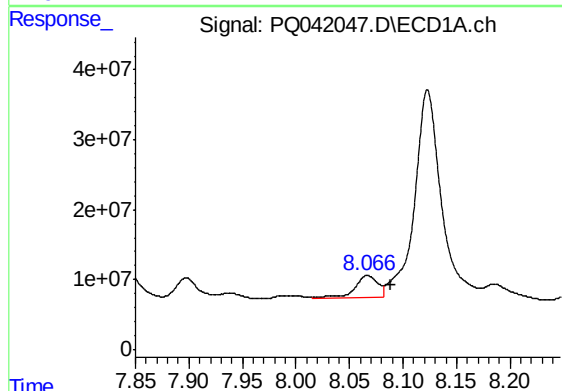
R.T.: 8.185 min
Delta R.T.: 0.009 min
Response: 22262677
Conc: 147.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



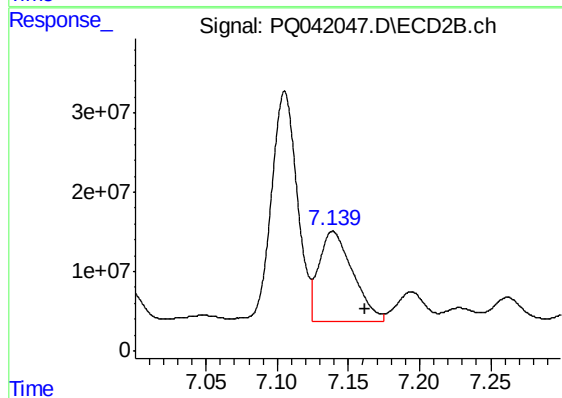
#25 AR-1248-5

R.T.: 7.194 min
Delta R.T.: -0.015 min
Response: 53055979
Conc: 413.93 ng/ml



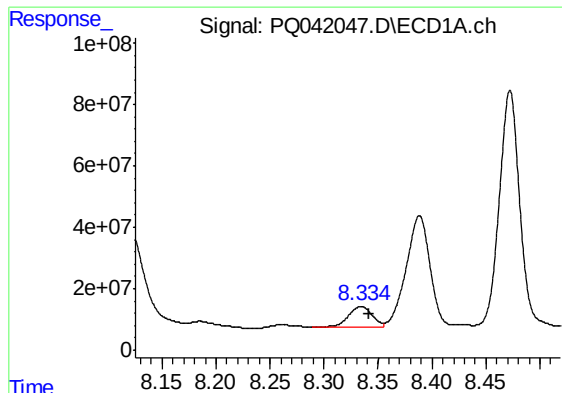
#26 AR-1254-1

R.T.: 8.067 min
Delta R.T.: -0.021 min
Response: 45415022
Conc: 326.46 ng/ml



#26 AR-1254-1

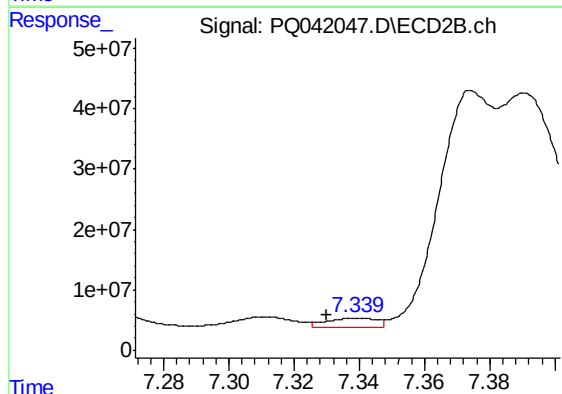
R.T.: 7.139 min
Delta R.T.: -0.023 min
Response: 188722893
Conc: 1031.92 ng/ml



#27 AR-1254-2

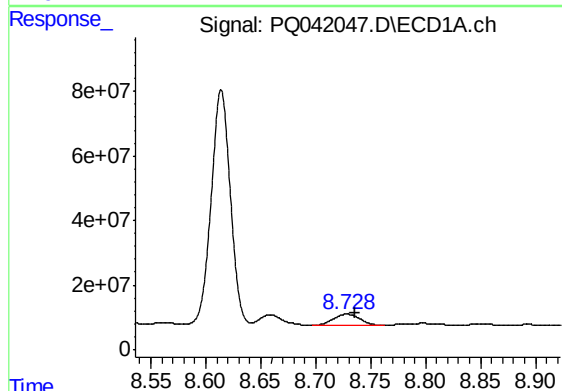
R.T.: 8.334 min
Delta R.T.: -0.008 min
Response: 100710362
Conc: 440.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



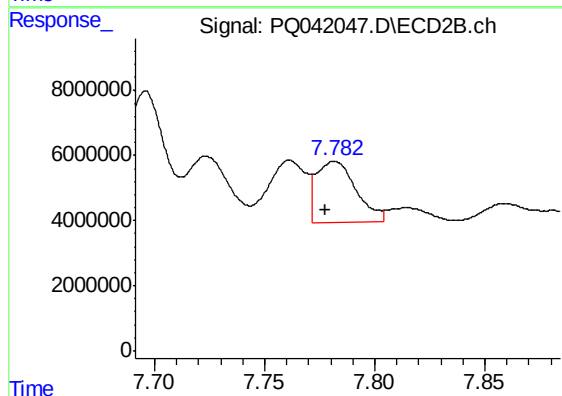
#27 AR-1254-2

R.T.: 7.340 min
Delta R.T.: 0.010 min
Response: 17234989
Conc: 106.47 ng/ml



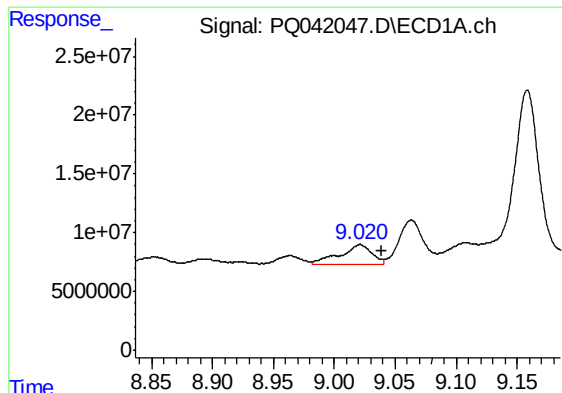
#28 AR-1254-3

R.T.: 8.728 min
Delta R.T.: -0.007 min
Response: 61116882
Conc: 223.52 ng/ml



#28 AR-1254-3

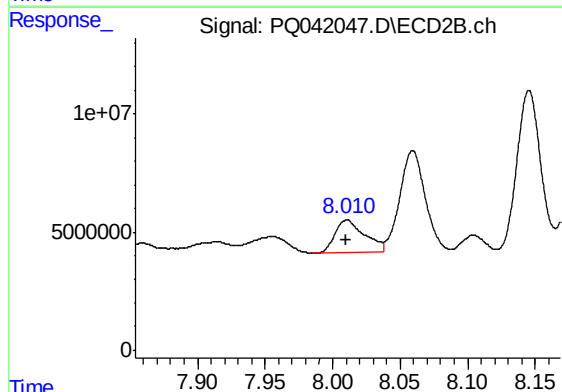
R.T.: 7.782 min
Delta R.T.: 0.004 min
Response: 23495714
Conc: 81.47 ng/ml



#29 AR-1254-4

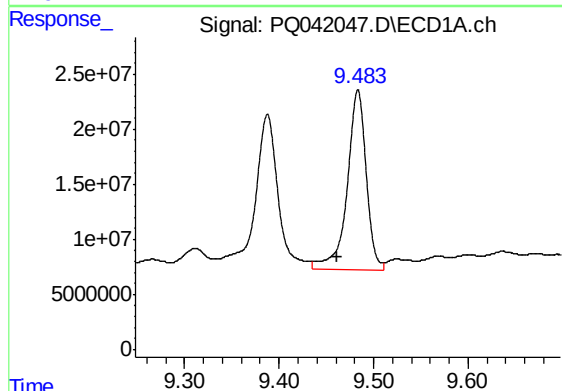
R.T.: 9.021 min
Delta R.T.: -0.018 min
Response: 29636353
Conc: 120.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



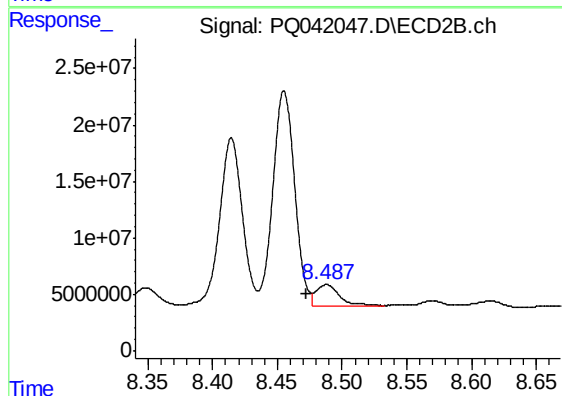
#29 AR-1254-4

R.T.: 8.011 min
Delta R.T.: 0.000 min
Response: 21361460
Conc: 98.41 ng/ml



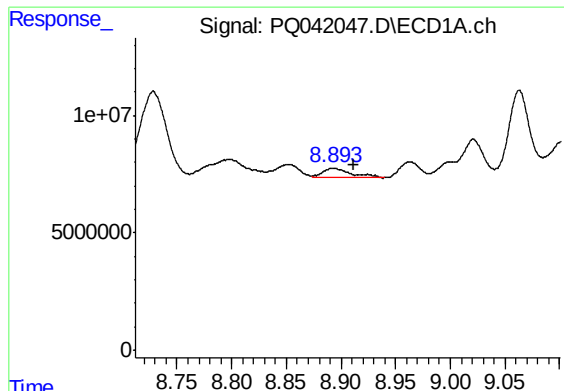
#30 AR-1254-5

R.T.: 9.483 min
Delta R.T.: 0.022 min
Response: 229904768
Conc: 848.84 ng/ml



#30 AR-1254-5

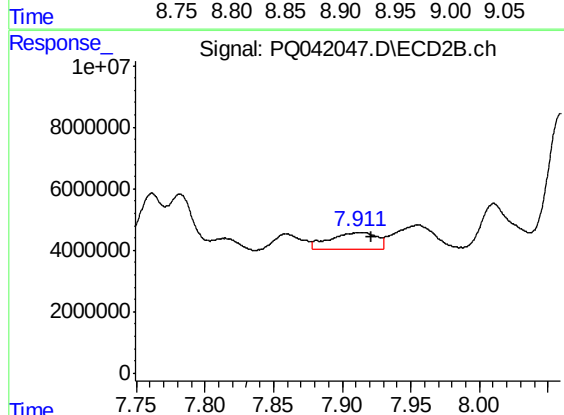
R.T.: 8.488 min
Delta R.T.: 0.015 min
Response: 24812636
Conc: 82.50 ng/ml



#31 AR-1260-1

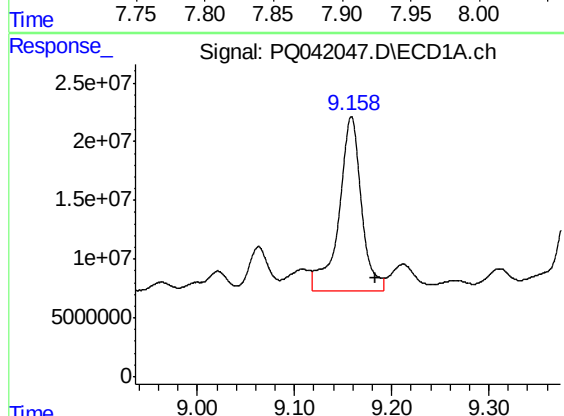
R.T.: 8.893 min
Delta R.T.: -0.018 min
Response: 7389893
Conc: 41.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



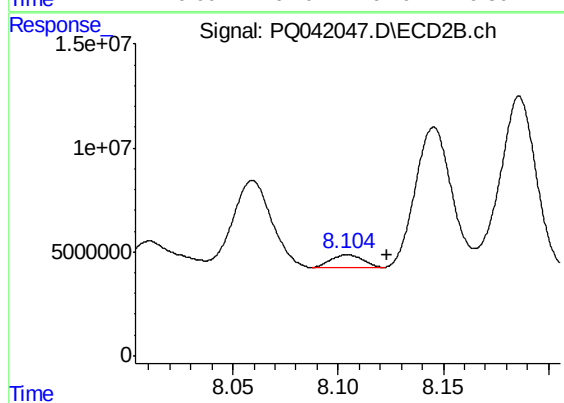
#31 AR-1260-1

R.T.: 7.913 min
Delta R.T.: -0.008 min
Response: 12938960
Conc: 71.32 ng/ml



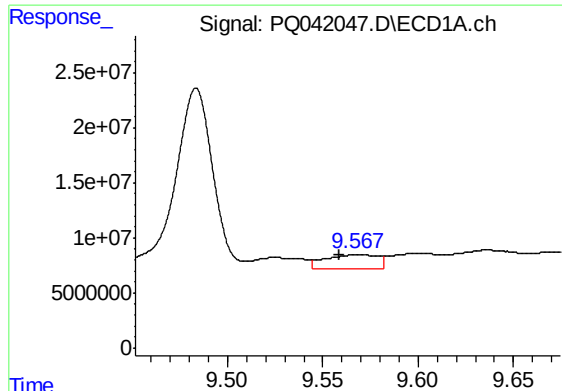
#32 AR-1260-2

R.T.: 9.159 min
Delta R.T.: -0.024 min
Response: 237985702
Conc: 943.36 ng/ml



#32 AR-1260-2

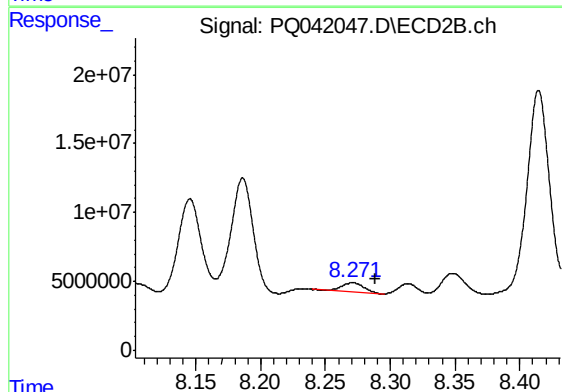
R.T.: 8.104 min
Delta R.T.: -0.019 min
Response: 6694426
Conc: 27.29 ng/ml



#33 AR-1260-3

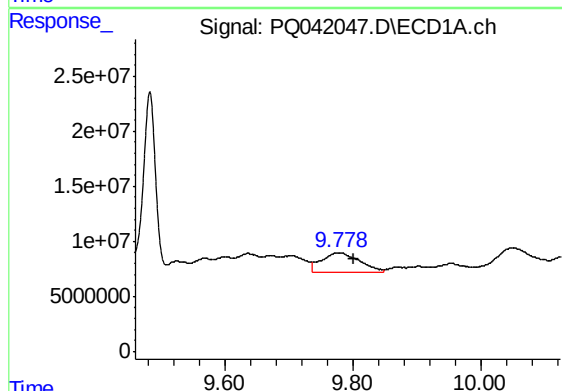
R.T.: 9.569 min
Delta R.T.: 0.010 min
Response: 23541864
Conc: 102.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



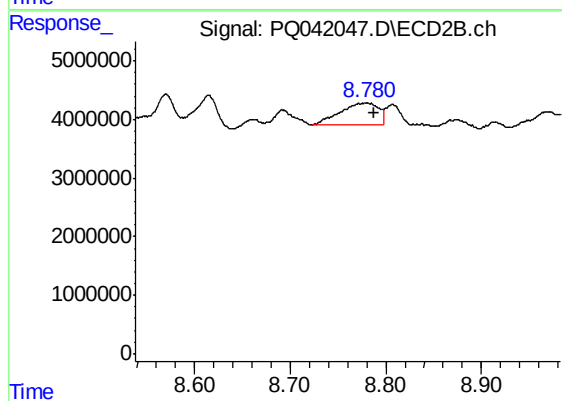
#33 AR-1260-3

R.T.: 8.271 min
Delta R.T.: -0.018 min
Response: 8125161
Conc: 38.19 ng/ml



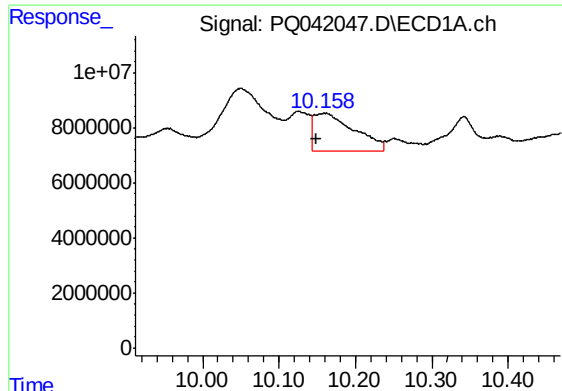
#34 AR-1260-4

R.T.: 9.779 min
Delta R.T.: -0.022 min
Response: 72290596
Conc: 283.11 ng/ml



#34 AR-1260-4

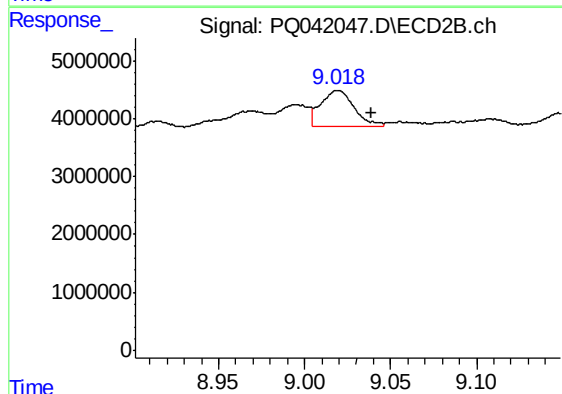
R.T.: 8.779 min
Delta R.T.: -0.008 min
Response: 10687751
Conc: 52.83 ng/ml



#35 AR-1260-5

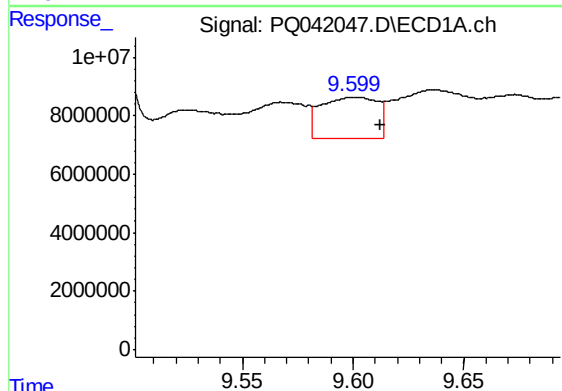
R.T.: 10.159 min
Delta R.T.: 0.010 min
Response: 51040967
Conc: 75.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



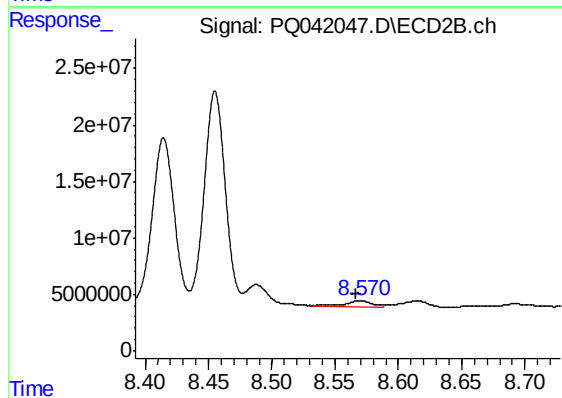
#35 AR-1260-5

R.T.: 9.019 min
Delta R.T.: -0.019 min
Response: 8221134
Conc: 13.93 ng/ml



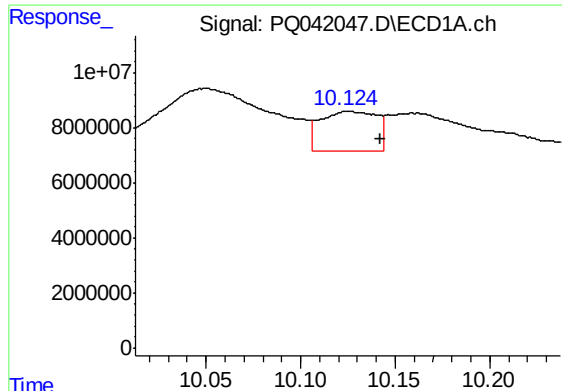
#36 AR-1262-1

R.T.: 9.601 min
Delta R.T.: -0.012 min
Response: 24694910
Conc: 160.67 ng/ml



#36 AR-1262-1

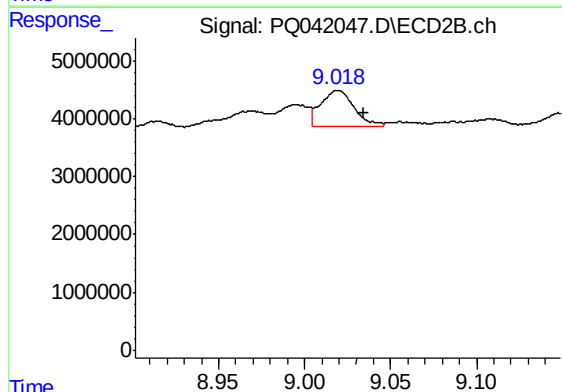
R.T.: 8.570 min
Delta R.T.: 0.003 min
Response: 8511067
Conc: 59.33 ng/ml



#37 AR-1262-2

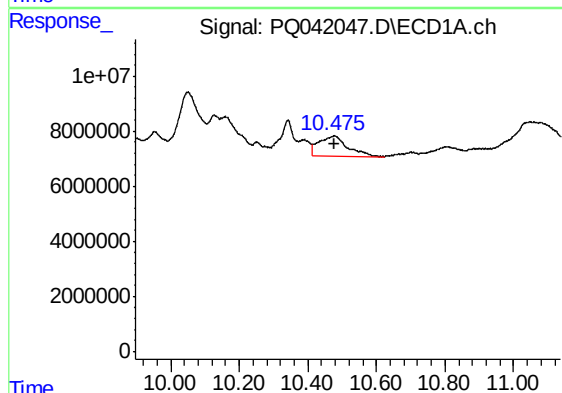
R.T.: 10.126 min
Delta R.T.: -0.016 min
Response: 29687534
Conc: 33.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



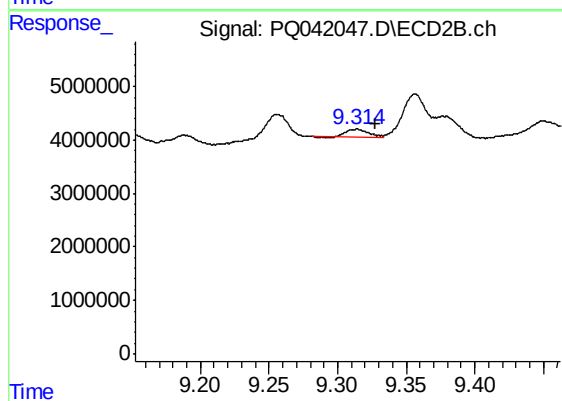
#37 AR-1262-2

R.T.: 9.019 min
Delta R.T.: -0.015 min
Response: 8221134
Conc: 11.09 ng/ml



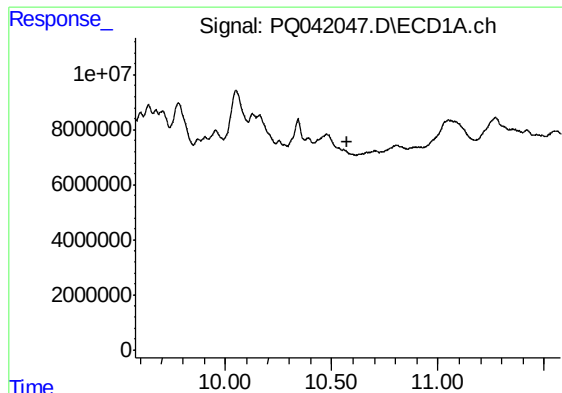
#38 AR-1262-3

R.T.: 10.477 min
Delta R.T.: 0.000 min
Response: 42606342
Conc: 67.10 ng/ml



#38 AR-1262-3

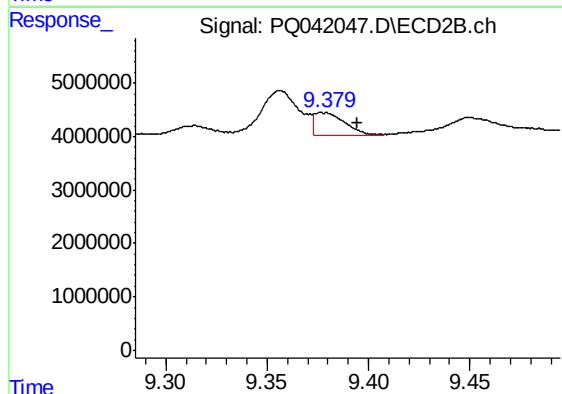
R.T.: 9.314 min
Delta R.T.: -0.014 min
Response: 1711140
Conc: 5.41 ng/ml



#39 AR-1262-4

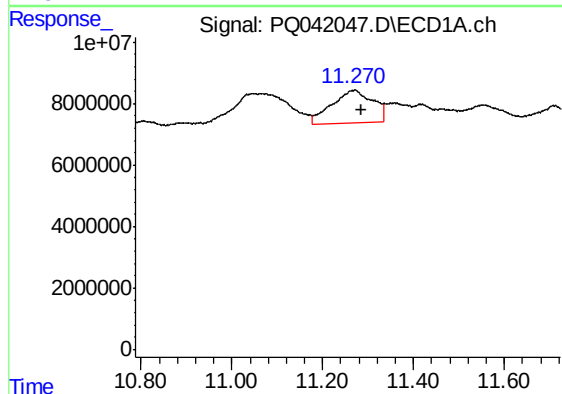
R.T.: 0.000 min
Exp R.T.: 10.576 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETP13



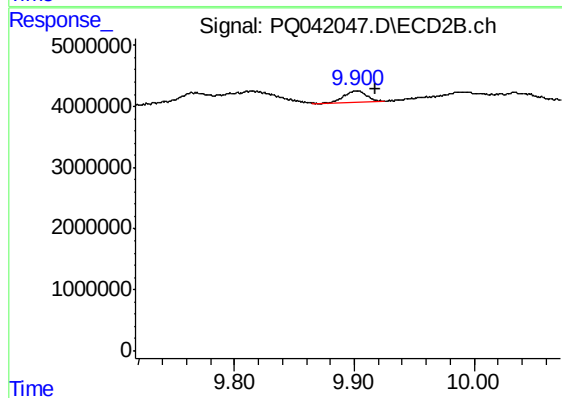
#39 AR-1262-4

R.T.: 9.378 min
Delta R.T.: -0.017 min
Response: 4596866
Conc: 8.17 ng/ml



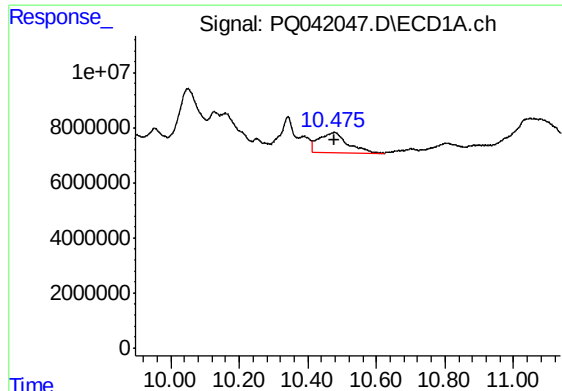
#40 AR-1262-5

R.T.: 11.270 min
Delta R.T.: -0.017 min
Response: 65324535
Conc: 160.46 ng/ml



#40 AR-1262-5

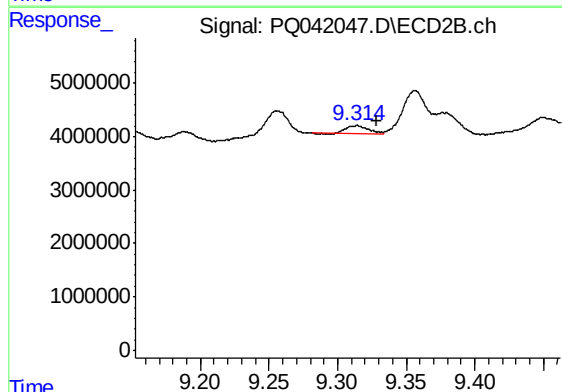
R.T.: 9.902 min
Delta R.T.: -0.016 min
Response: 2348608
Conc: 8.22 ng/ml



#41 AR-1268-1

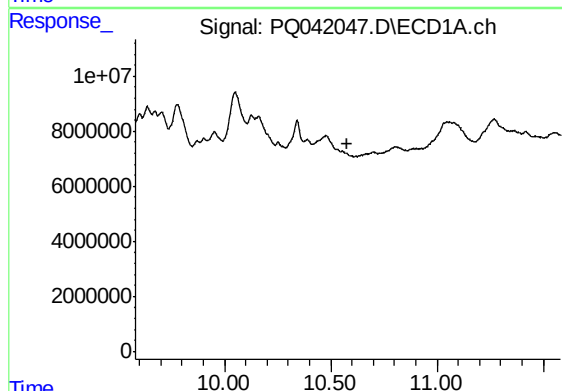
R.T.: 10.477 min
Delta R.T.: -0.001 min
Response: 42606342
Conc: 29.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



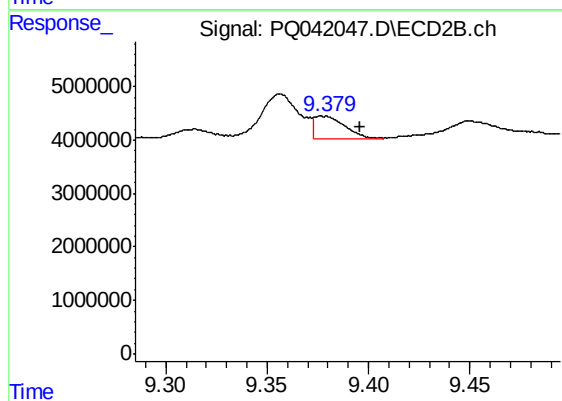
#41 AR-1268-1

R.T.: 9.314 min
Delta R.T.: -0.015 min
Response: 1711140
Conc: 1.50 ng/ml



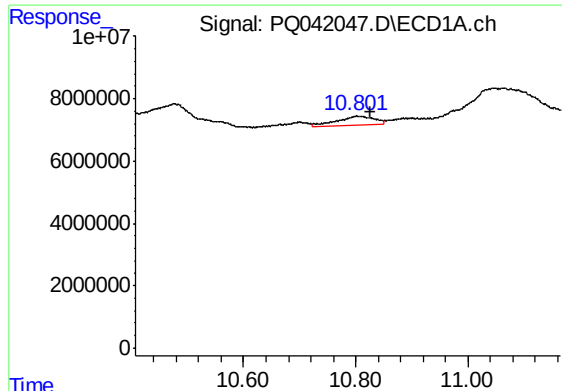
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 10.581 min
Response: 0
Conc: N.D.



#42 AR-1268-2

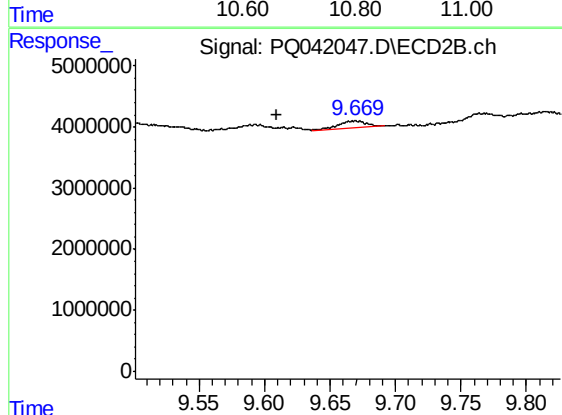
R.T.: 9.378 min
Delta R.T.: -0.018 min
Response: 4596866
Conc: 4.48 ng/ml



#43 AR-1268-3

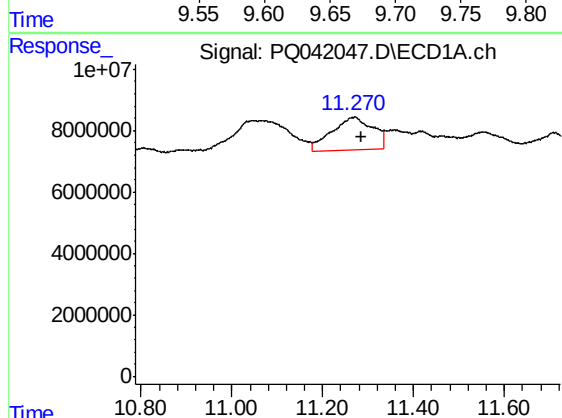
R.T.: 10.803 min
Delta R.T.: -0.022 min
Response: 12652010
Conc: 10.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



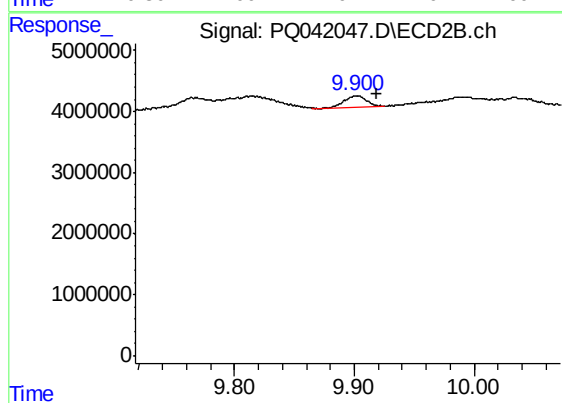
#43 AR-1268-3

R.T.: 9.669 min
Delta R.T.: 0.060 min
Response: 1624632
Conc: 1.87 ng/ml



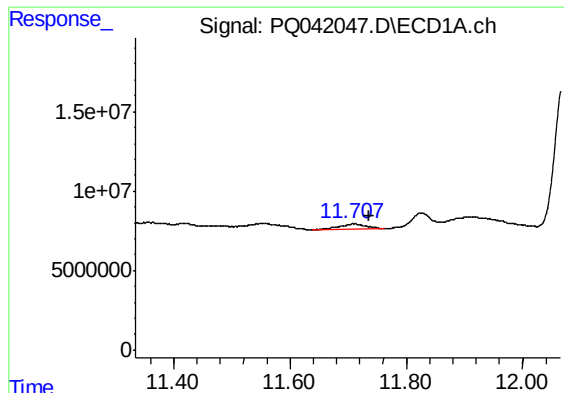
#44 AR-1268-4

R.T.: 11.270 min
Delta R.T.: -0.016 min
Response: 65324535
Conc: 119.99 ng/ml



#44 AR-1268-4

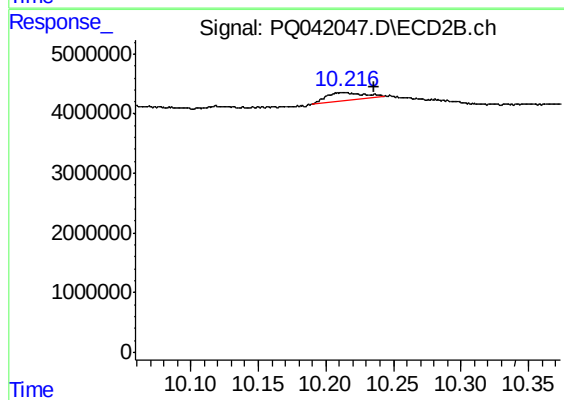
R.T.: 9.902 min
Delta R.T.: -0.016 min
Response: 2348608
Conc: 6.11 ng/ml



#45 AR-1268-5

R.T.: 11.709 min
Delta R.T.: -0.026 min
Response: 10230891
Conc: 2.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETP13



#45 AR-1268-5

R.T.: 10.212 min
Delta R.T.: -0.024 min
Response: 2546550
Conc: 0.98 ng/ml