

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052523\
 Data File : PQ061276.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 May 2023 03:58
 Operator : YP\AJ
 Sample : 02941-01
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 EME-TOPSOIL-001

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 05:06:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052523.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 25 13:25:08 2023
 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...	3.404	2.760	71989494	42278172	14.367	14.634
2)	SA Decachlor...	8.582	7.534	24574152	27300011	6.353	7.497
Target Compounds							
5)	L1 AR-1016-3	4.598	3.925	238082	23933	1.450	0.280 #
7)	L1 AR-1016-5	4.956	4.183	719435	398191	5.392	4.347
8)	L2 AR-1221-1	3.588	2.954	900084	94043	13.716	2.385 #
9)	L2 AR-1221-2	3.682	3.027	1168262	1202265	23.818	39.987 #
10)	L2 AR-1221-3	3.772	3.108	1250833	1000583	8.473	10.876 #
11)	L3 AR-1232-1	3.772	3.108	1250833	1000583	11.242	14.702 #
12)	L3 AR-1232-2	4.255	3.775	506512	163992	7.757	2.133 #
14)	L3 AR-1232-4	4.688	4.028	-388314	492370	N.D.	13.986 #
15)	L3 AR-1232-5	4.779	4.183	203598	398191	4.520	9.617 #
18)	L4 AR-1242-3	4.598	3.925	238082	23933	1.831	0.354 #
19)	L4 AR-1242-4	4.688	4.028	-388314	492370	N.D.	7.492 #
20)	L4 AR-1242-5	5.406	4.520	1189855	962251	10.811	10.498
22)	L5 AR-1248-2	4.779	3.988	203598	152506	1.236	1.322
23)	L5 AR-1248-3	4.956	4.028	719435	492370	3.582	4.452
24)	L5 AR-1248-4	5.365	4.183	555943	398191	2.448	2.909
25)	L5 AR-1248-5	5.406	4.545	1189855	1801716	5.386	12.988 #
26)	L6 AR-1254-1	5.326	4.520	4074597	962251	20.227	5.317 #
27)	L6 AR-1254-2	5.535	4.664	2518001	881633	8.016	5.350 #
28)	L6 AR-1254-3	5.898	5.047	1167151	1990494	3.584	7.718 #
29)	L6 AR-1254-4	0.000	5.273	0	149161	N.D.	0.913 #
30)	L6 AR-1254-5	6.622f	5.679	4669617	1880988	16.932	7.383 #
31)	L7 AR-1260-1	6.060	5.180	233853	1372160	0.932	7.368 #
32)	L7 AR-1260-2	6.291f	5.377	11877658	1870298	39.283	8.209 #
33)	L7 AR-1260-3	6.702f	5.504	790728	642415	4.197	3.026 #
34)	L7 AR-1260-4	0.000	5.970	0	1537334	N.D.	9.738 #
35)	L7 AR-1260-5	7.199	6.213	1288415	1130472	2.943	3.111
36)	L8 AR-1262-1	6.702f	5.728	790728	788575	2.509	3.172 #
37)	L8 AR-1262-2	7.199	6.213	1288415	1130472	2.356	2.478
38)	L8 AR-1262-3	7.480	6.481	662926	1242004	1.818	6.647 #
39)	L8 AR-1262-4	7.575	6.554	1208346	1230185	4.318	3.541
40)	L8 AR-1262-5	8.057	7.052	1027195	297214	5.520	1.765 #
41)	L9 AR-1268-1	7.480	6.481	662926	1242004	1.080	2.333 #
42)	L9 AR-1268-2	7.575	6.554	1208346	1230185	2.176	2.545
43)	L9 AR-1268-3	7.749	6.762	479014	1071219	1.034	2.559 #
44)	L9 AR-1268-4	8.057	7.052	1027195	297214	5.061	1.605 #
45)	L9 AR-1268-5	8.346	7.318	793616	1198199	0.582	0.889 #

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

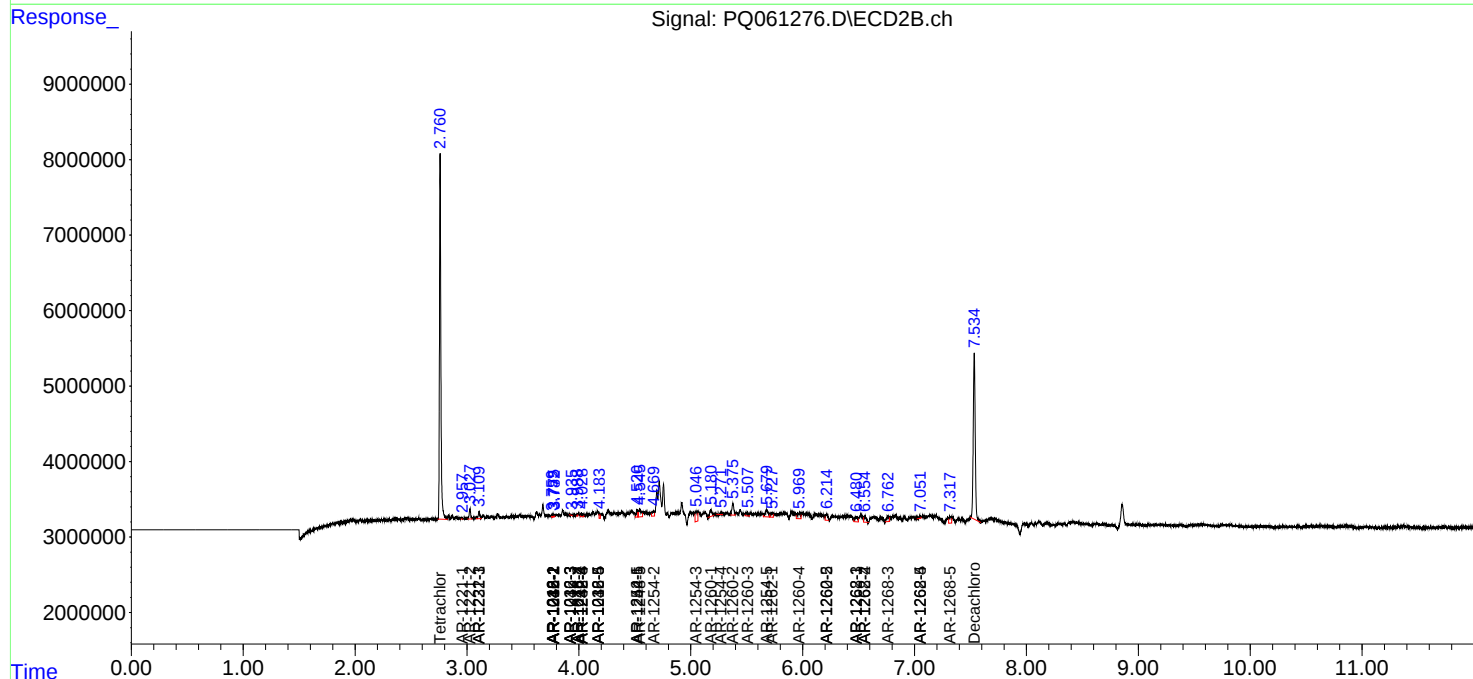
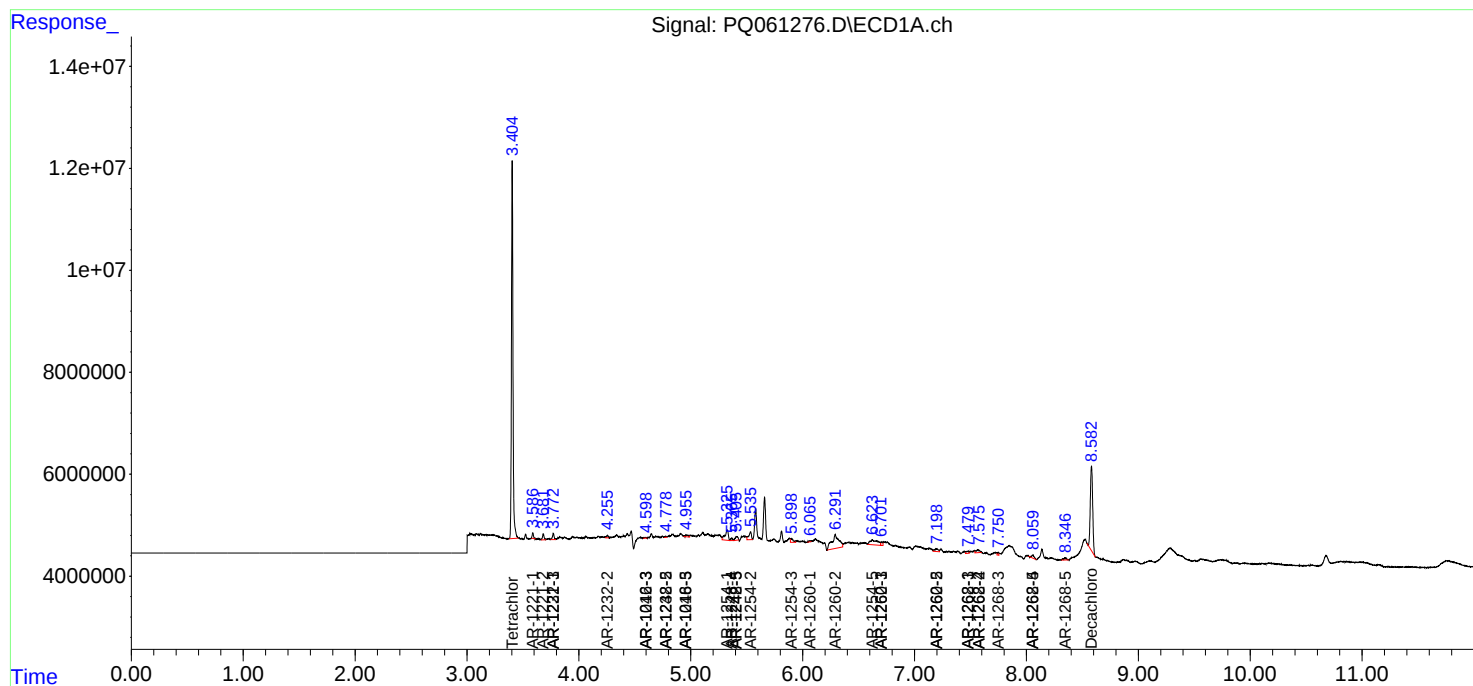
Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001

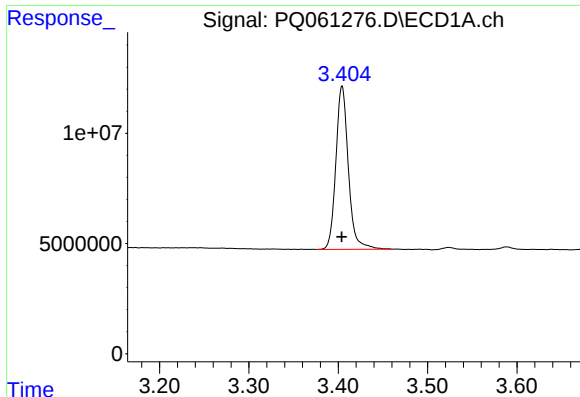
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ052523\
Data File : PQ061276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 May 2023 03:58
Operator : YP\AJ
Sample : 02941-01
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 26 05:06:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ052523.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu May 25 13:25:08 2023
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

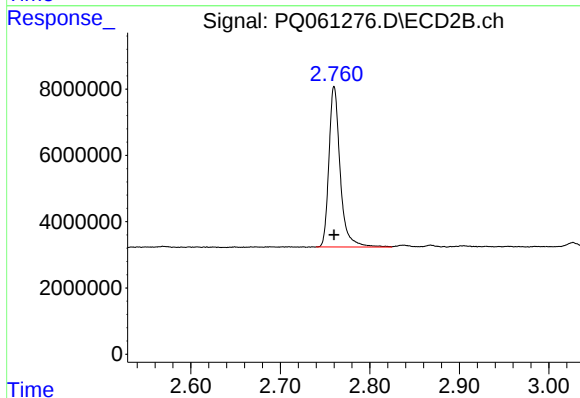




#1 Tetrachloro-m-xylene

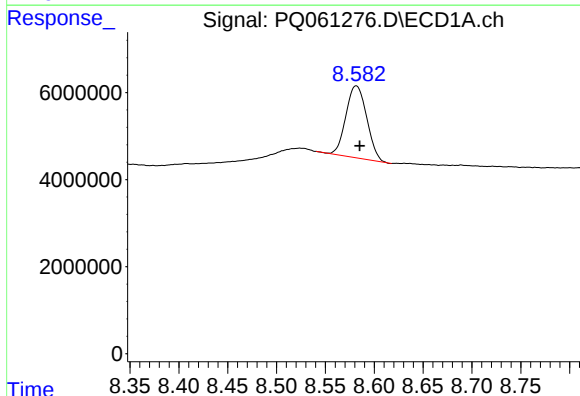
R.T.: 3.404 min
Delta R.T.: 0.000 min
Response: 71989494
Conc: 14.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



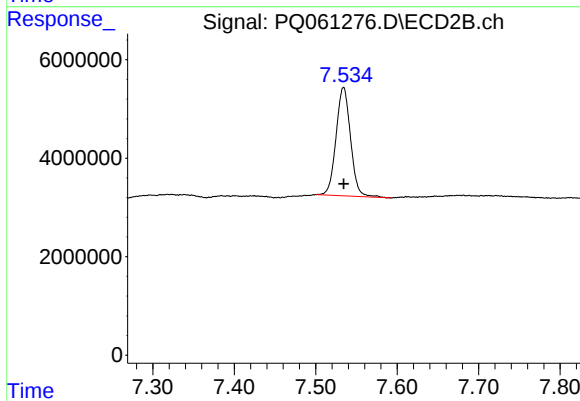
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: 0.000 min
Response: 42278172
Conc: 14.63 ng/ml



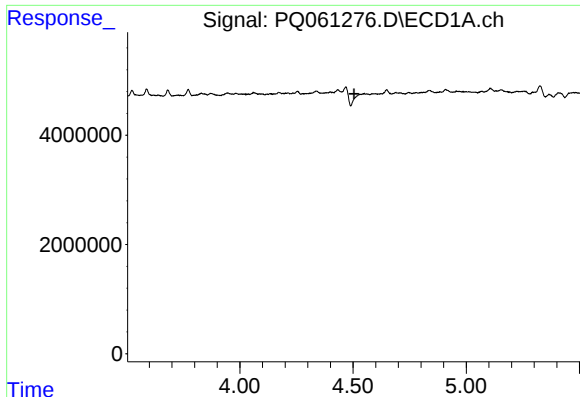
#2 Decachlorobiphenyl

R.T.: 8.582 min
Delta R.T.: -0.004 min
Response: 24574152
Conc: 6.35 ng/ml



#2 Decachlorobiphenyl

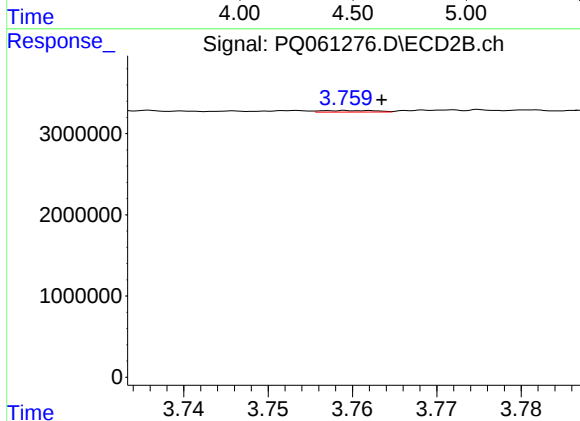
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 27300011
Conc: 7.50 ng/ml



#3 AR-1016-1

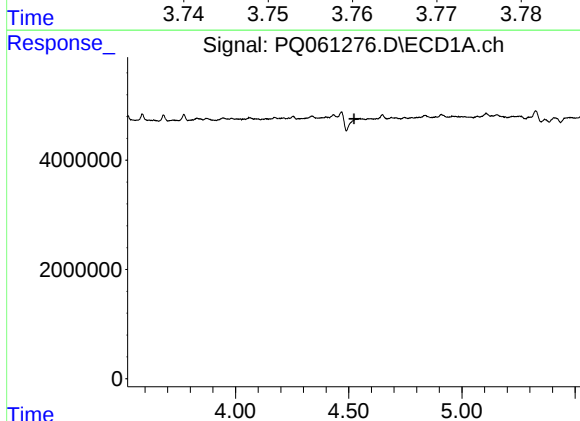
R.T.: 4.531 min
Delta R.T.: 0.027 min
Response: -2914508
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



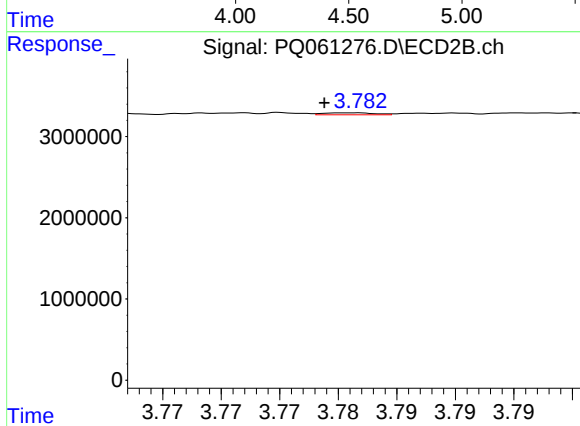
#3 AR-1016-1

R.T.: 3.759 min
Delta R.T.: -0.004 min
Response: 85834
Conc: 0.76 ng/ml



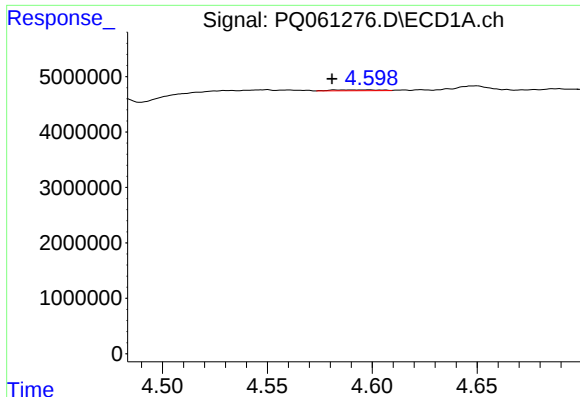
#4 AR-1016-2

R.T.: 4.531 min
Delta R.T.: 0.008 min
Response: -2914508
Conc: N.D.



#4 AR-1016-2

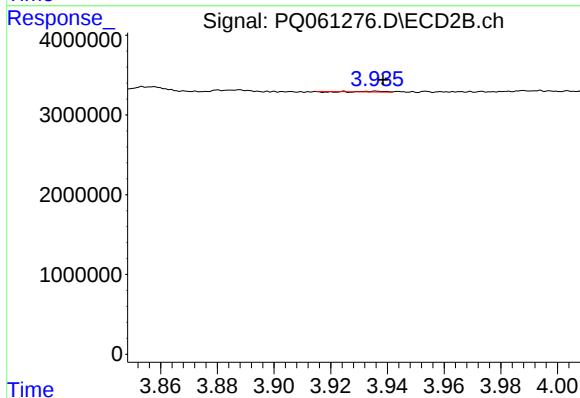
R.T.: 3.781 min
Delta R.T.: 0.002 min
Response: 74844
Conc: 0.46 ng/ml



#5 AR-1016-3

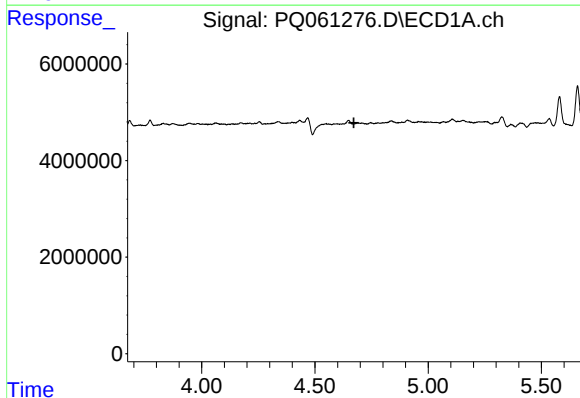
R.T.: 4.598 min
Delta R.T.: 0.017 min
Response: 238082
Conc: 1.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



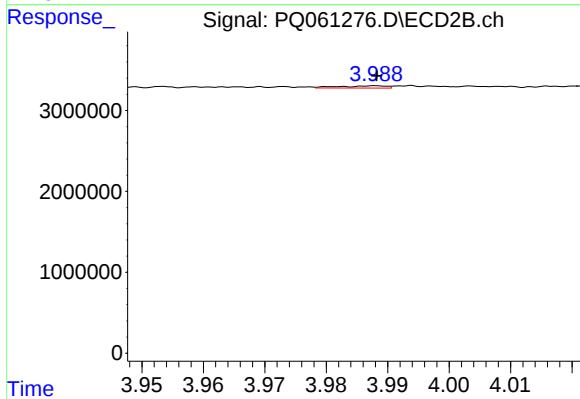
#5 AR-1016-3

R.T.: 3.925 min
Delta R.T.: -0.014 min
Response: 23933
Conc: 0.28 ng/ml



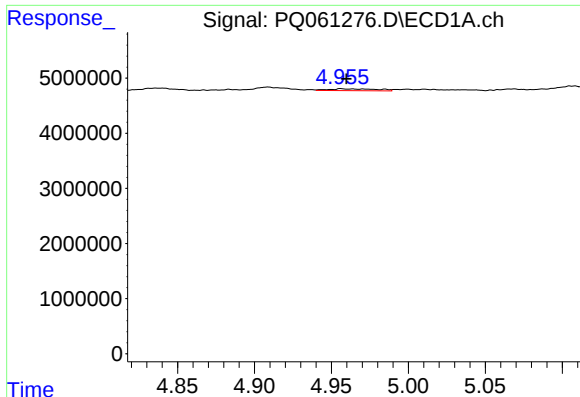
#6 AR-1016-4

R.T.: 4.688 min
Delta R.T.: 0.016 min
Response: -388314
Conc: N.D.



#6 AR-1016-4

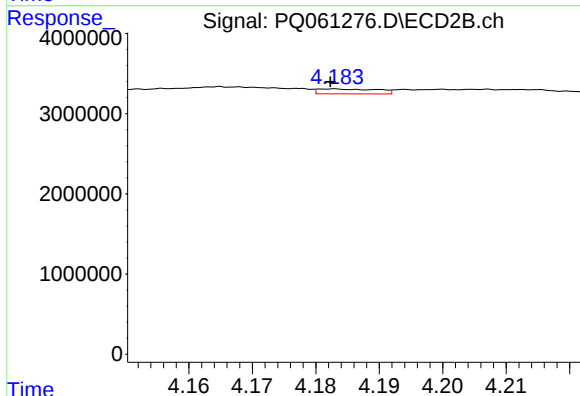
R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 152506
Conc: 2.04 ng/ml



#7 AR-1016-5

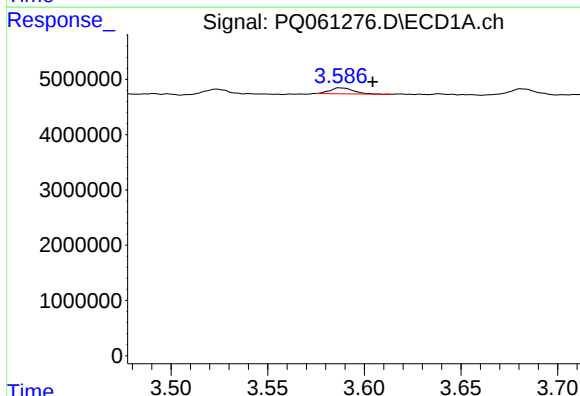
R.T.: 4.956 min
Delta R.T.: -0.003 min
Response: 719435
Conc: 5.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



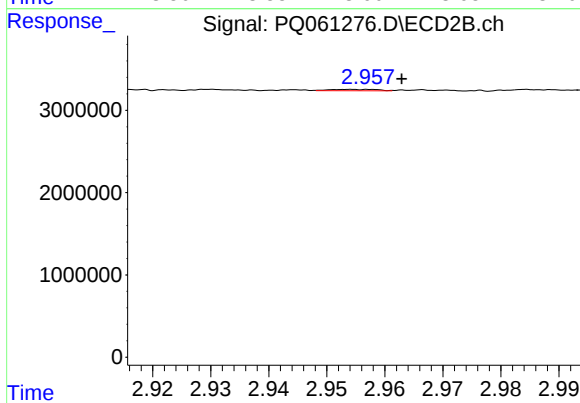
#7 AR-1016-5

R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 398191
Conc: 4.35 ng/ml



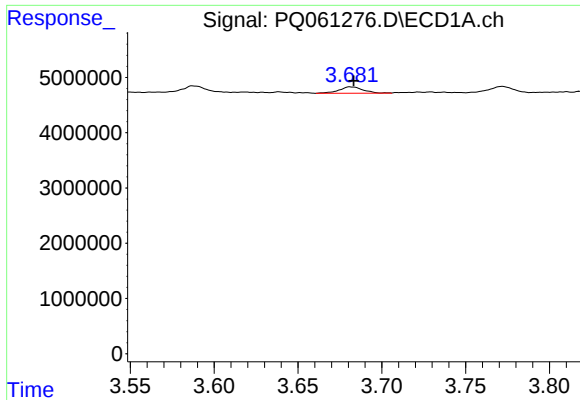
#8 AR-1221-1

R.T.: 3.588 min
Delta R.T.: -0.017 min
Response: 900084
Conc: 13.72 ng/ml



#8 AR-1221-1

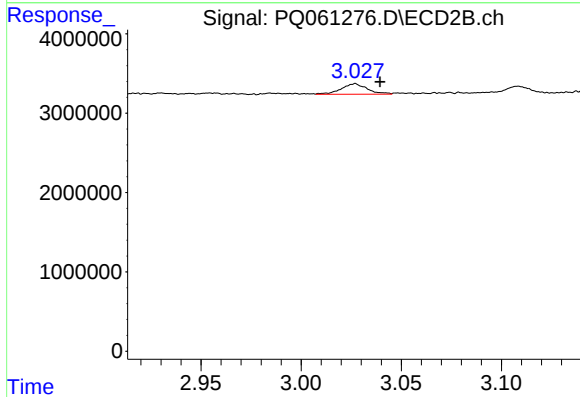
R.T.: 2.954 min
Delta R.T.: -0.009 min
Response: 94043
Conc: 2.38 ng/ml



#9 AR-1221-2

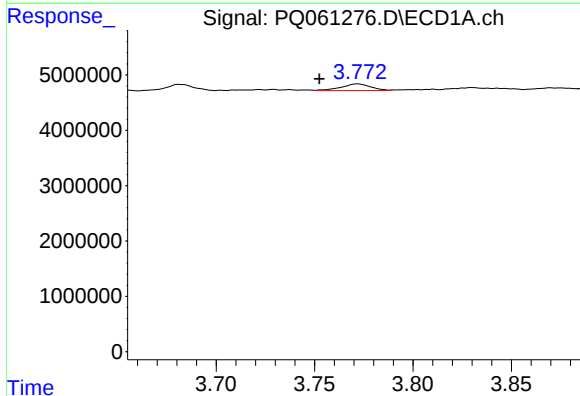
R.T.: 3.682 min
Delta R.T.: -0.002 min
Response: 1168262
Conc: 23.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



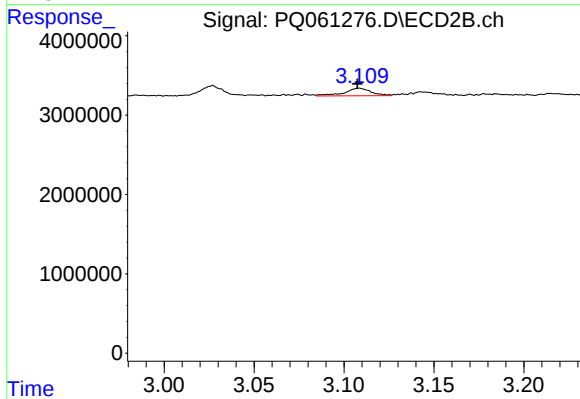
#9 AR-1221-2

R.T.: 3.027 min
Delta R.T.: -0.012 min
Response: 1202265
Conc: 39.99 ng/ml



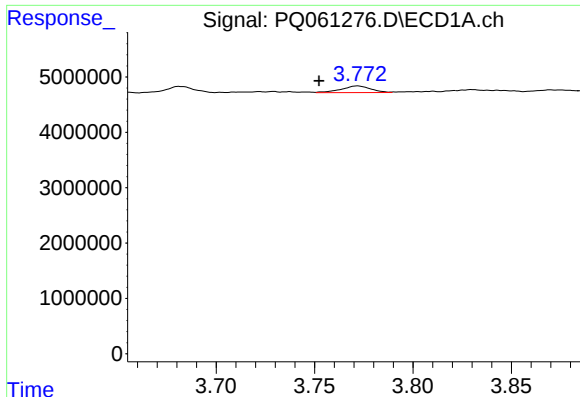
#10 AR-1221-3

R.T.: 3.772 min
Delta R.T.: 0.019 min
Response: 1250833
Conc: 8.47 ng/ml



#10 AR-1221-3

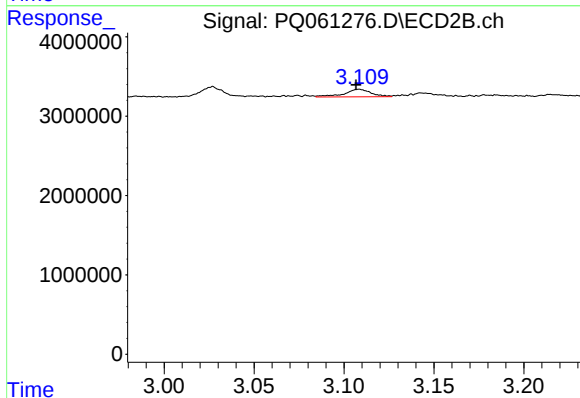
R.T.: 3.108 min
Delta R.T.: 0.000 min
Response: 1000583
Conc: 10.88 ng/ml



#11 AR-1232-1

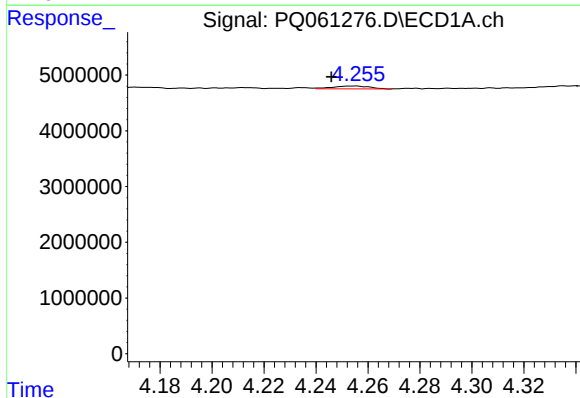
R.T.: 3.772 min
Delta R.T.: 0.019 min
Response: 1250833
Conc: 11.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



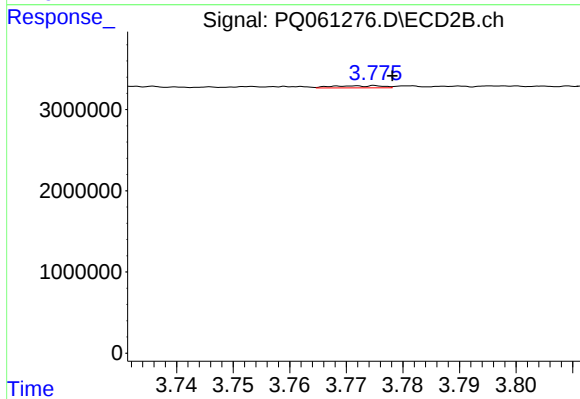
#11 AR-1232-1

R.T.: 3.108 min
Delta R.T.: 0.002 min
Response: 1000583
Conc: 14.70 ng/ml



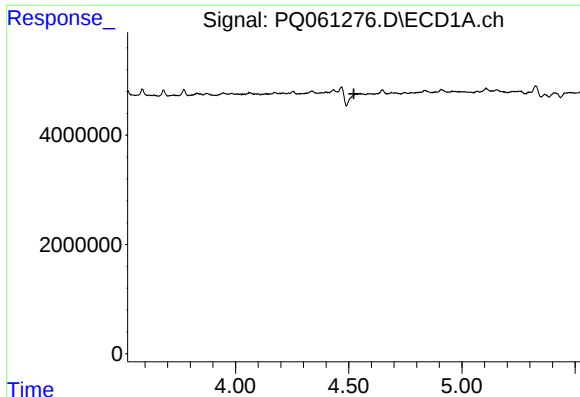
#12 AR-1232-2

R.T.: 4.255 min
Delta R.T.: 0.009 min
Response: 506512
Conc: 7.76 ng/ml



#12 AR-1232-2

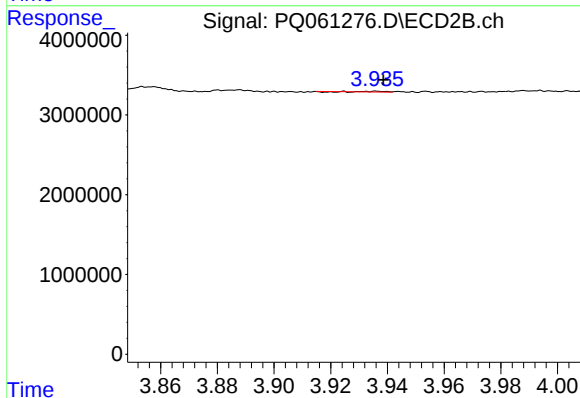
R.T.: 3.775 min
Delta R.T.: -0.003 min
Response: 163992
Conc: 2.13 ng/ml



#13 AR-1232-3

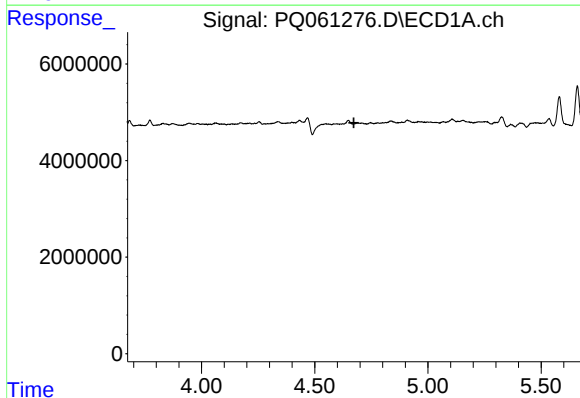
R.T.: 4.531 min
Delta R.T.: 0.008 min
Response: -2914508
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



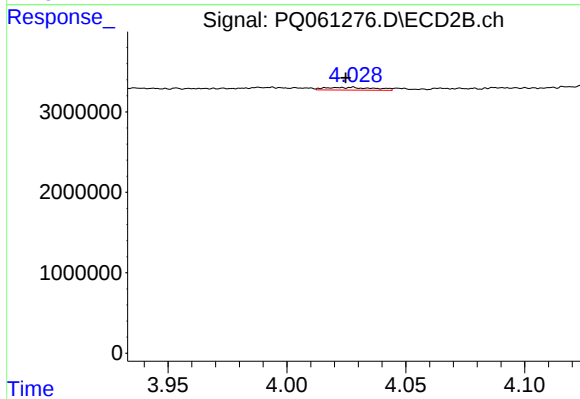
#13 AR-1232-3

R.T.: 3.925 min
Delta R.T.: -0.014 min
Response: 23933
Conc: 0.60 ng/ml



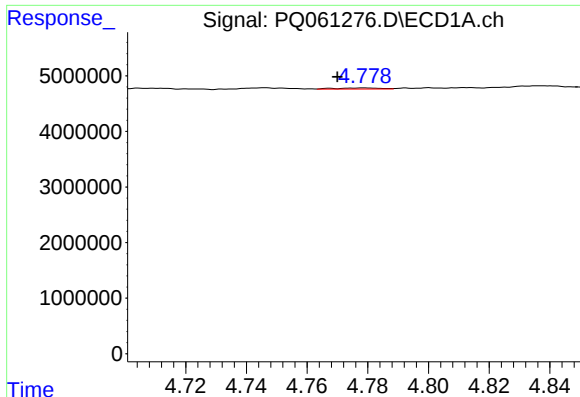
#14 AR-1232-4

R.T.: 4.688 min
Delta R.T.: 0.015 min
Response: -388314
Conc: N.D.



#14 AR-1232-4

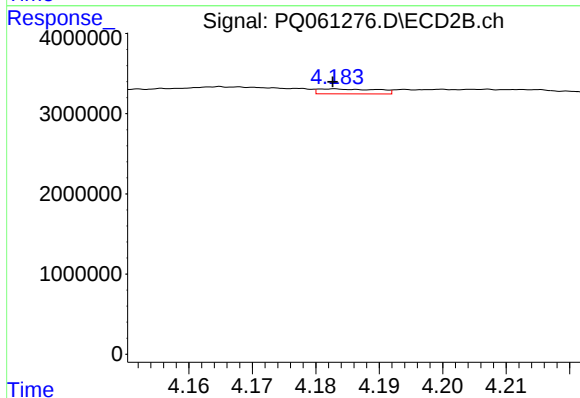
R.T.: 4.028 min
Delta R.T.: 0.003 min
Response: 492370
Conc: 13.99 ng/ml



#15 AR-1232-5

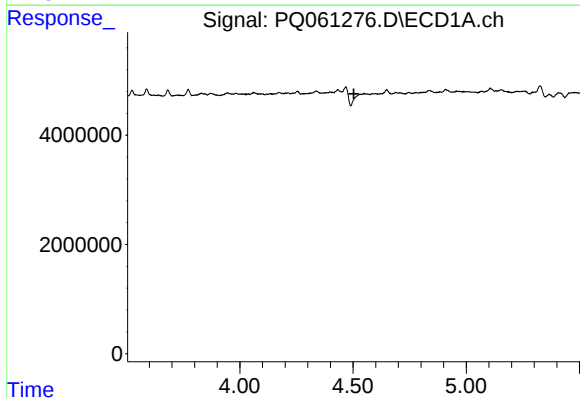
R.T.: 4.779 min
Delta R.T.: 0.009 min
Response: 203598
Conc: 4.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



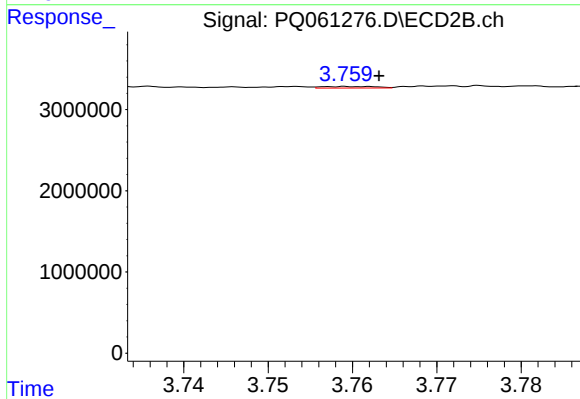
#15 AR-1232-5

R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 398191
Conc: 9.62 ng/ml



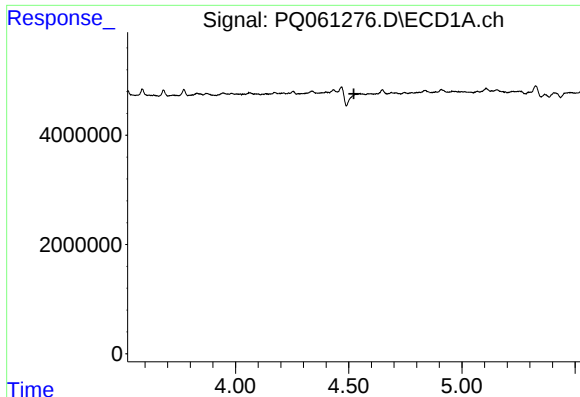
#16 AR-1242-1

R.T.: 4.531 min
Delta R.T.: 0.027 min
Response: -2914508
Conc: N.D.



#16 AR-1242-1

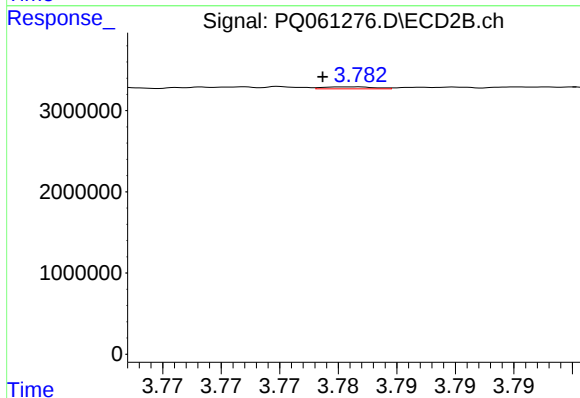
R.T.: 3.759 min
Delta R.T.: -0.004 min
Response: 85834
Conc: 0.97 ng/ml



#17 AR-1242-2

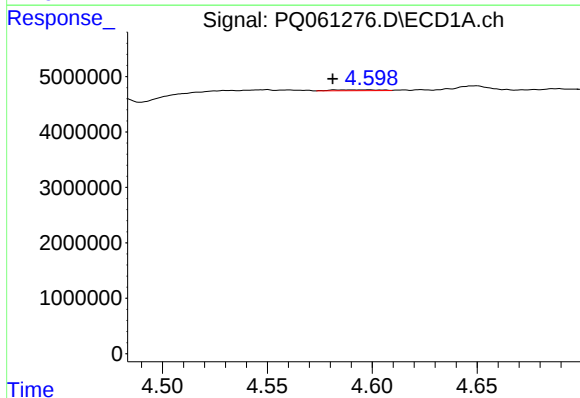
R.T.: 4.531 min
Delta R.T.: 0.008 min
Response: -2914508
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



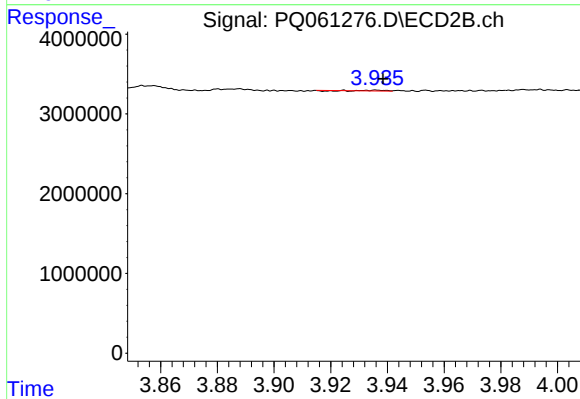
#17 AR-1242-2

R.T.: 3.781 min
Delta R.T.: 0.003 min
Response: 74844
Conc: 0.59 ng/ml



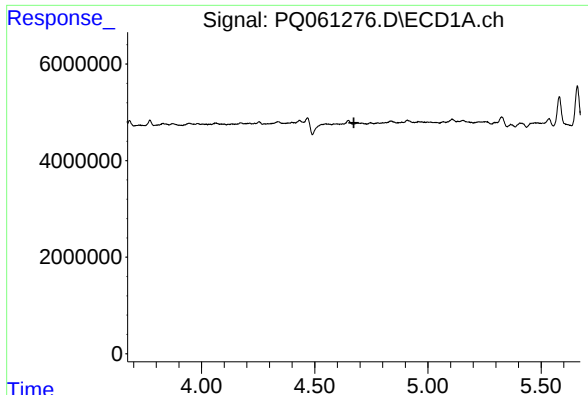
#18 AR-1242-3

R.T.: 4.598 min
Delta R.T.: 0.017 min
Response: 238082
Conc: 1.83 ng/ml



#18 AR-1242-3

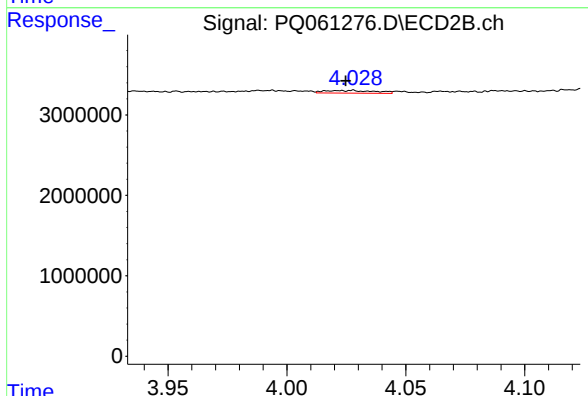
R.T.: 3.925 min
Delta R.T.: -0.014 min
Response: 23933
Conc: 0.35 ng/ml



#19 AR-1242-4

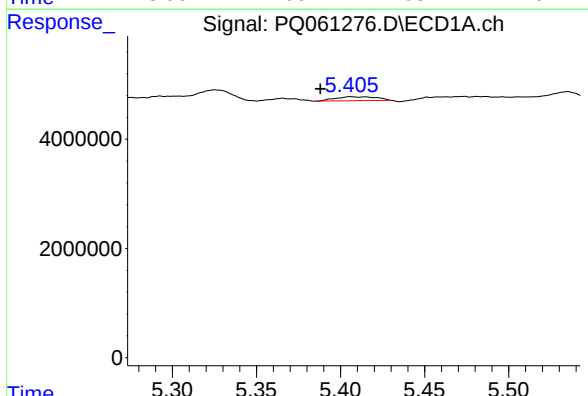
R.T.: 4.688 min
Delta R.T.: 0.016 min
Response: -388314
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



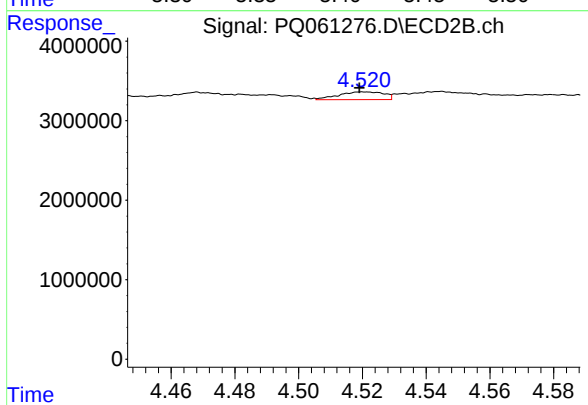
#19 AR-1242-4

R.T.: 4.028 min
Delta R.T.: 0.003 min
Response: 492370
Conc: 7.49 ng/ml



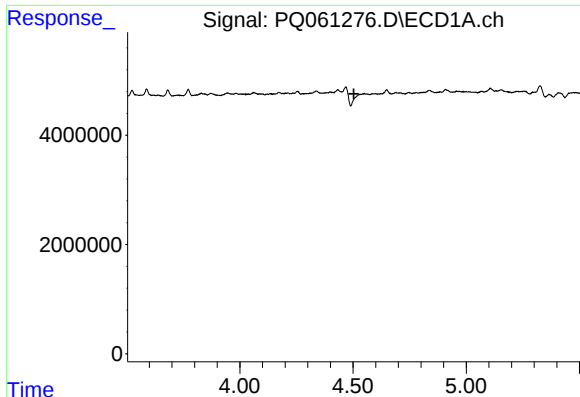
#20 AR-1242-5

R.T.: 5.406 min
Delta R.T.: 0.018 min
Response: 1189855
Conc: 10.81 ng/ml



#20 AR-1242-5

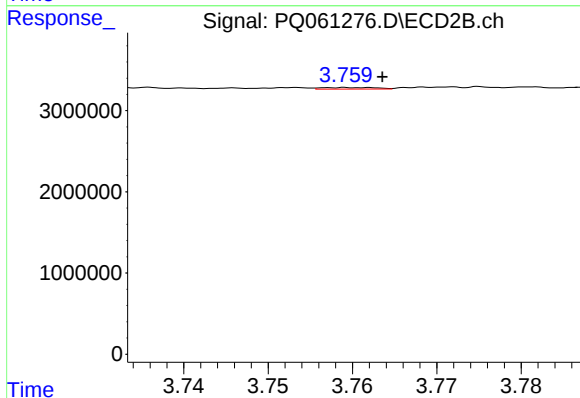
R.T.: 4.520 min
Delta R.T.: 0.001 min
Response: 962251
Conc: 10.50 ng/ml



#21 AR-1248-1

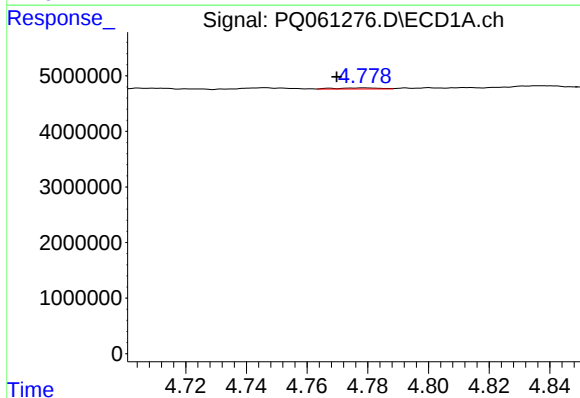
R.T.: 4.531 min
Delta R.T.: 0.028 min
Response: -2914508
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



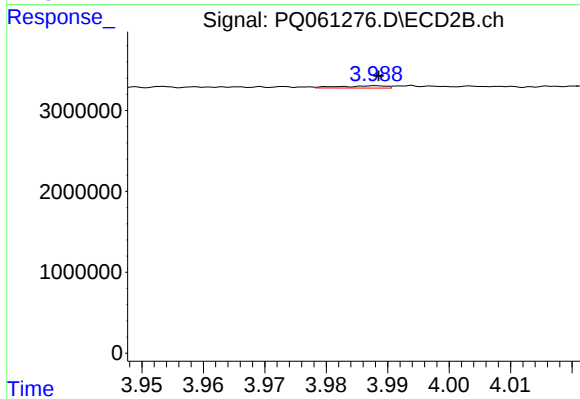
#21 AR-1248-1

R.T.: 3.759 min
Delta R.T.: -0.004 min
Response: 85834
Conc: 1.11 ng/ml



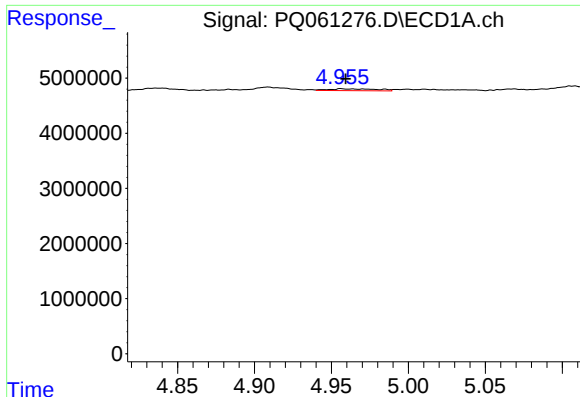
#22 AR-1248-2

R.T.: 4.779 min
Delta R.T.: 0.009 min
Response: 203598
Conc: 1.24 ng/ml



#22 AR-1248-2

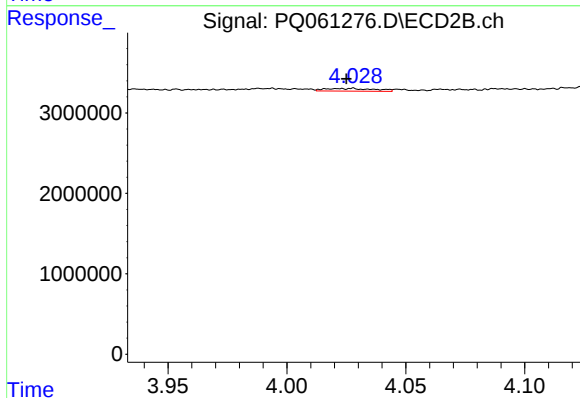
R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 152506
Conc: 1.32 ng/ml



#23 AR-1248-3

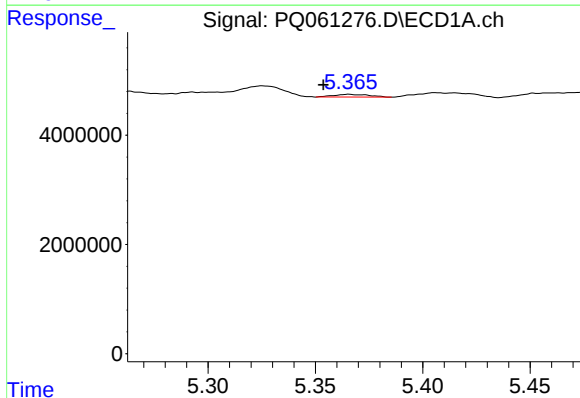
R.T.: 4.956 min
Delta R.T.: -0.003 min
Response: 719435
Conc: 3.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



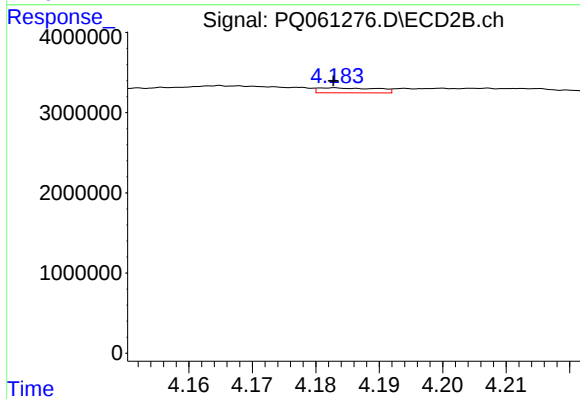
#23 AR-1248-3

R.T.: 4.028 min
Delta R.T.: 0.003 min
Response: 492370
Conc: 4.45 ng/ml



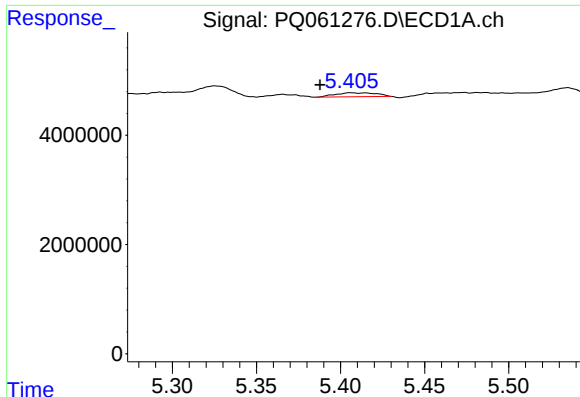
#24 AR-1248-4

R.T.: 5.365 min
Delta R.T.: 0.012 min
Response: 555943
Conc: 2.45 ng/ml



#24 AR-1248-4

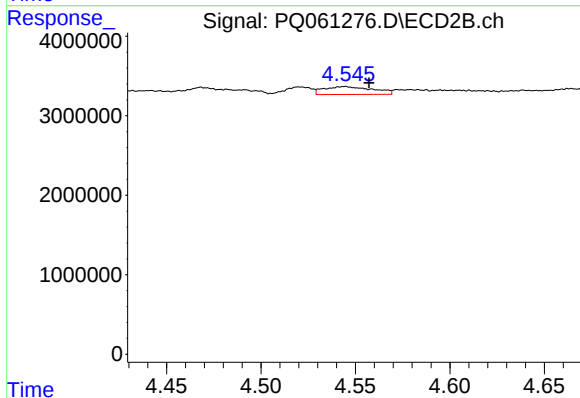
R.T.: 4.183 min
Delta R.T.: 0.000 min
Response: 398191
Conc: 2.91 ng/ml



#25 AR-1248-5

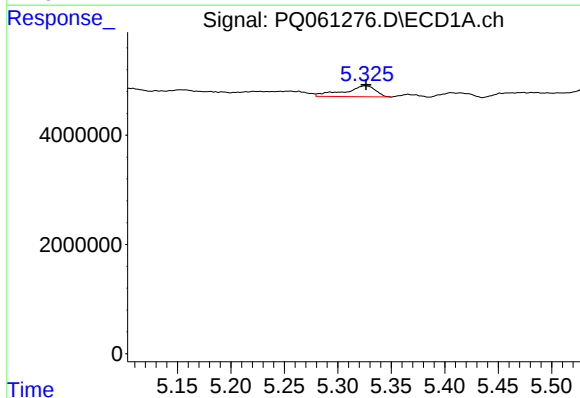
R.T.: 5.406 min
Delta R.T.: 0.018 min
Response: 1189855
Conc: 5.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



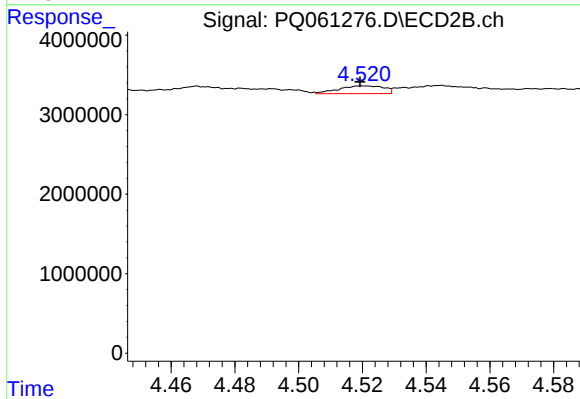
#25 AR-1248-5

R.T.: 4.545 min
Delta R.T.: -0.013 min
Response: 1801716
Conc: 12.99 ng/ml



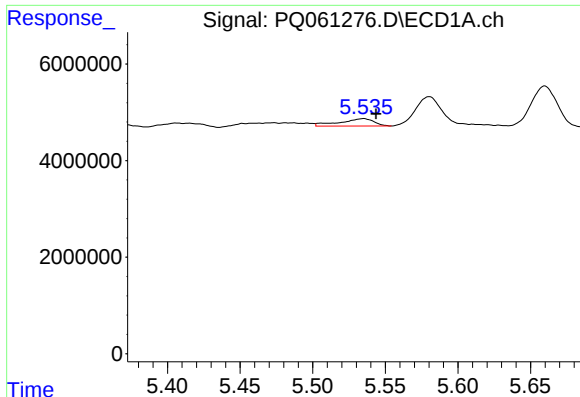
#26 AR-1254-1

R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 4074597
Conc: 20.23 ng/ml



#26 AR-1254-1

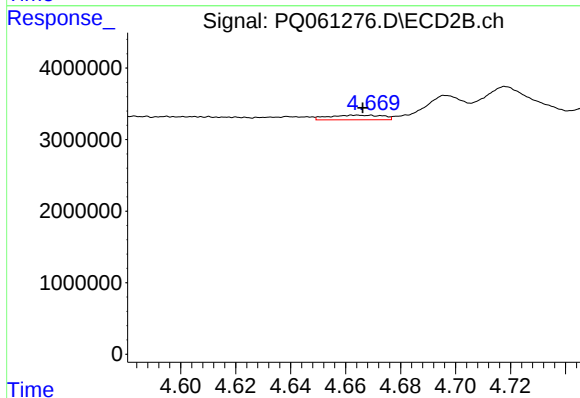
R.T.: 4.520 min
Delta R.T.: 0.001 min
Response: 962251
Conc: 5.32 ng/ml



#27 AR-1254-2

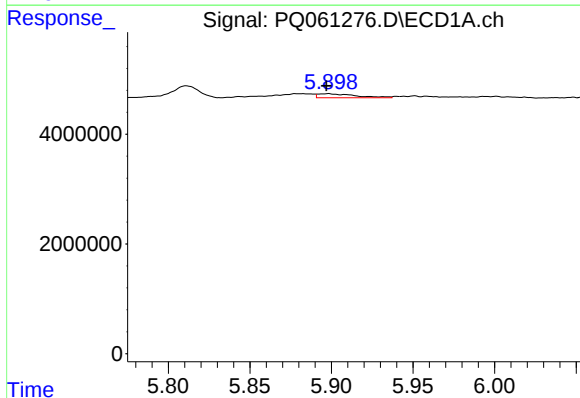
R.T.: 5.535 min
Delta R.T.: -0.009 min
Response: 2518001
Conc: 8.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



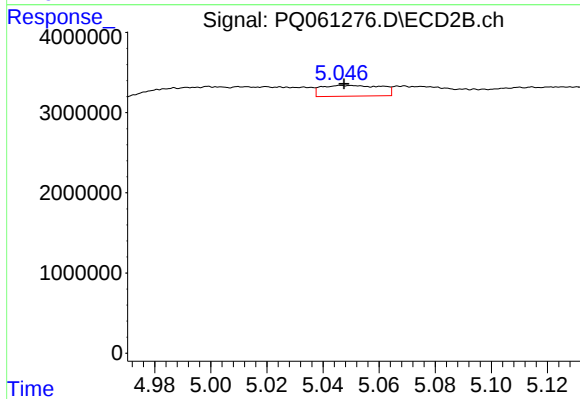
#27 AR-1254-2

R.T.: 4.664 min
Delta R.T.: -0.002 min
Response: 881633
Conc: 5.35 ng/ml



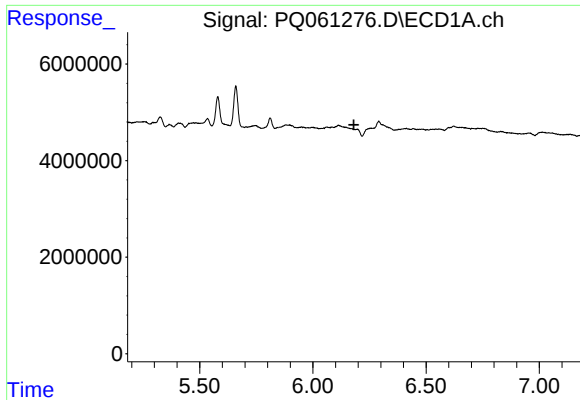
#28 AR-1254-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 1167151
Conc: 3.58 ng/ml



#28 AR-1254-3

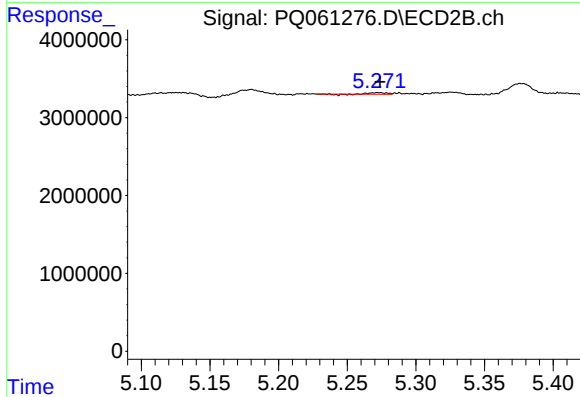
R.T.: 5.047 min
Delta R.T.: 0.000 min
Response: 1990494
Conc: 7.72 ng/ml



#29 AR-1254-4

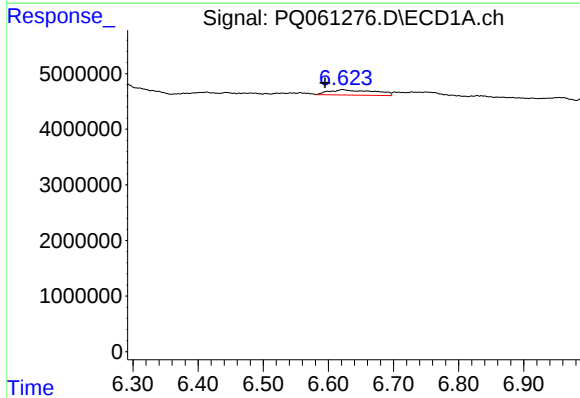
R.T.: 0.000 min
Exp R.T.: 6.182 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



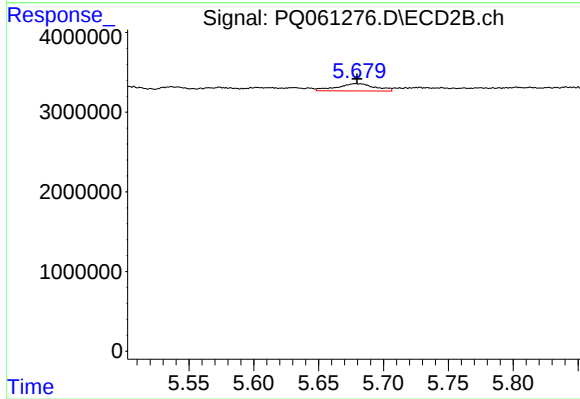
#29 AR-1254-4

R.T.: 5.273 min
Delta R.T.: -0.001 min
Response: 149161
Conc: 0.91 ng/ml



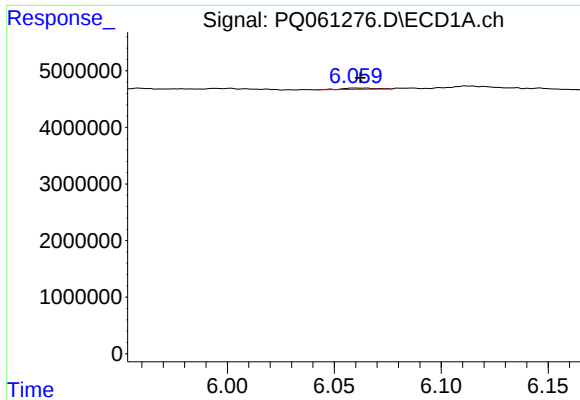
#30 AR-1254-5

R.T.: 6.622 min
Delta R.T.: 0.027 min
Response: 4669617
Conc: 16.93 ng/ml



#30 AR-1254-5

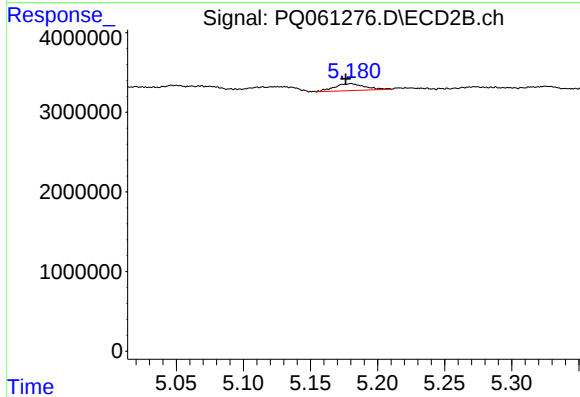
R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 1880988
Conc: 7.38 ng/ml



#31 AR-1260-1

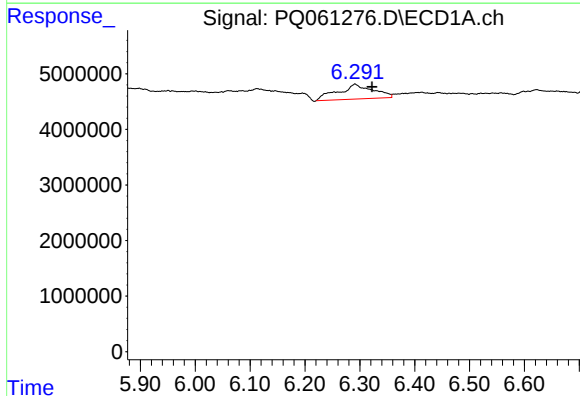
R.T.: 6.060 min
Delta R.T.: -0.002 min
Response: 233853
Conc: 0.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



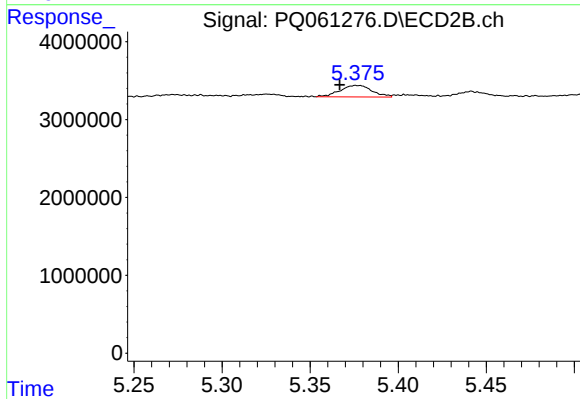
#31 AR-1260-1

R.T.: 5.180 min
Delta R.T.: 0.004 min
Response: 1372160
Conc: 7.37 ng/ml



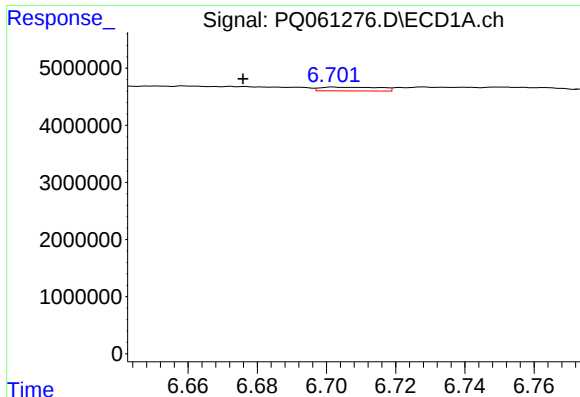
#32 AR-1260-2

R.T.: 6.291 min
Delta R.T.: -0.031 min
Response: 11877658
Conc: 39.28 ng/ml



#32 AR-1260-2

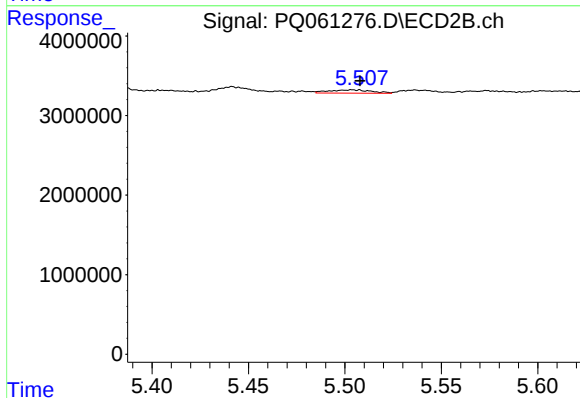
R.T.: 5.377 min
Delta R.T.: 0.010 min
Response: 1870298
Conc: 8.21 ng/ml



#33 AR-1260-3

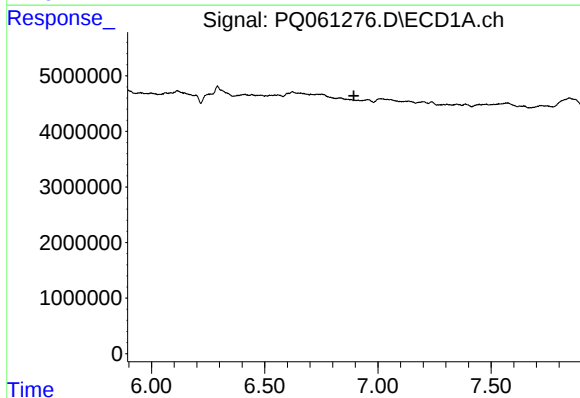
R.T.: 6.702 min
Delta R.T.: 0.026 min
Response: 790728
Conc: 4.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



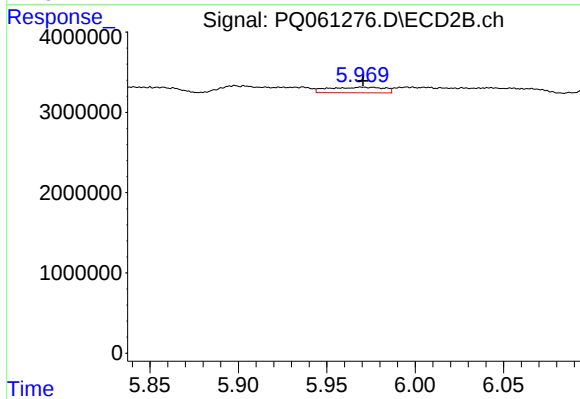
#33 AR-1260-3

R.T.: 5.504 min
Delta R.T.: -0.004 min
Response: 642415
Conc: 3.03 ng/ml



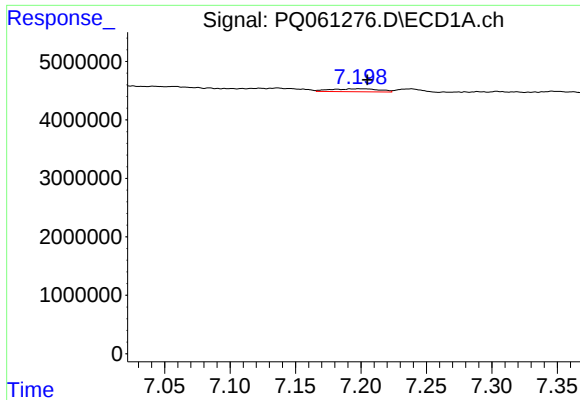
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 6.894 min
Response: 0
Conc: N.D.



#34 AR-1260-4

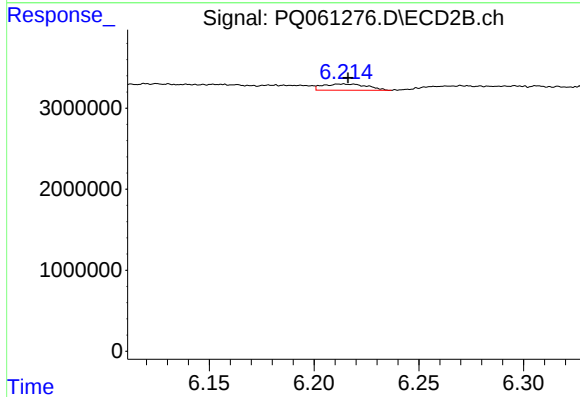
R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 1537334
Conc: 9.74 ng/ml



#35 AR-1260-5

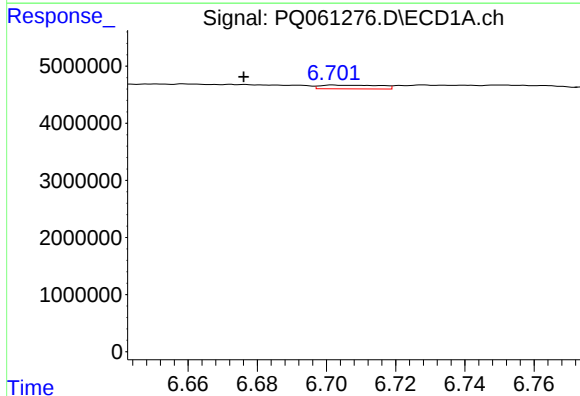
R.T.: 7.199 min
Delta R.T.: -0.006 min
Response: 1288415
Conc: 2.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



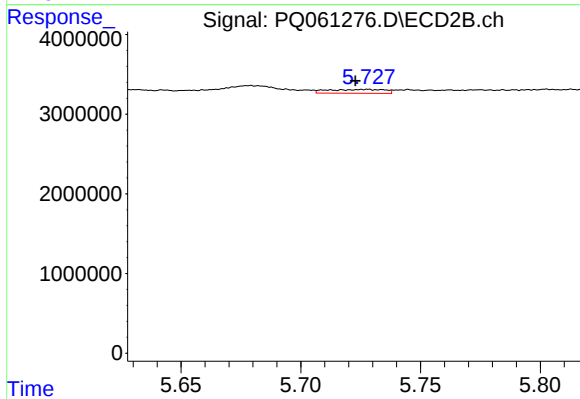
#35 AR-1260-5

R.T.: 6.213 min
Delta R.T.: -0.003 min
Response: 1130472
Conc: 3.11 ng/ml



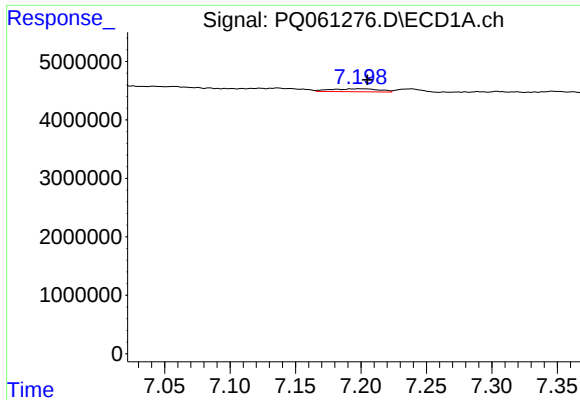
#36 AR-1262-1

R.T.: 6.702 min
Delta R.T.: 0.026 min
Response: 790728
Conc: 2.51 ng/ml



#36 AR-1262-1

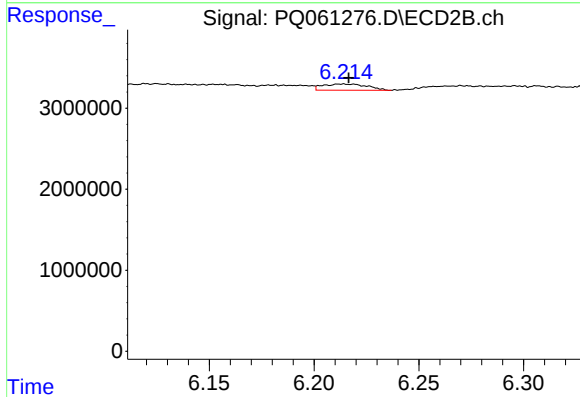
R.T.: 5.728 min
Delta R.T.: 0.005 min
Response: 788575
Conc: 3.17 ng/ml



#37 AR-1262-2

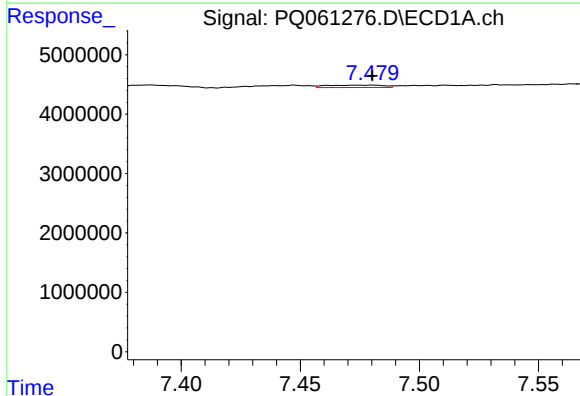
R.T.: 7.199 min
Delta R.T.: -0.006 min
Response: 1288415
Conc: 2.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



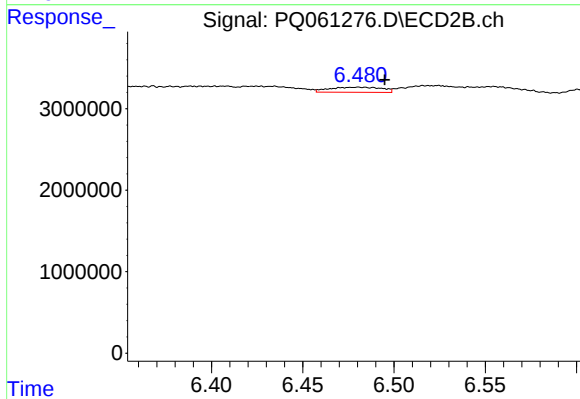
#37 AR-1262-2

R.T.: 6.213 min
Delta R.T.: -0.003 min
Response: 1130472
Conc: 2.48 ng/ml



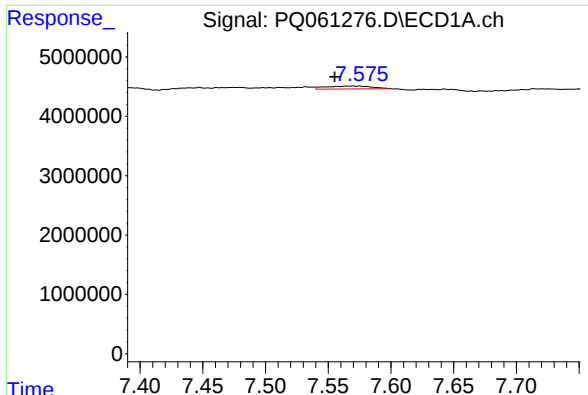
#38 AR-1262-3

R.T.: 7.480 min
Delta R.T.: 0.000 min
Response: 662926
Conc: 1.82 ng/ml



#38 AR-1262-3

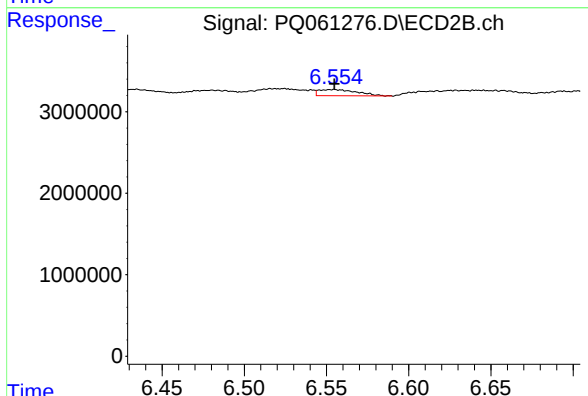
R.T.: 6.481 min
Delta R.T.: -0.014 min
Response: 1242004
Conc: 6.65 ng/ml



#39 AR-1262-4

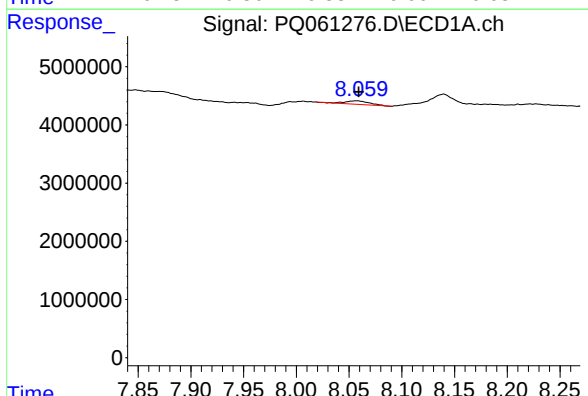
R.T.: 7.575 min
Delta R.T.: 0.020 min
Response: 1208346
Conc: 4.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



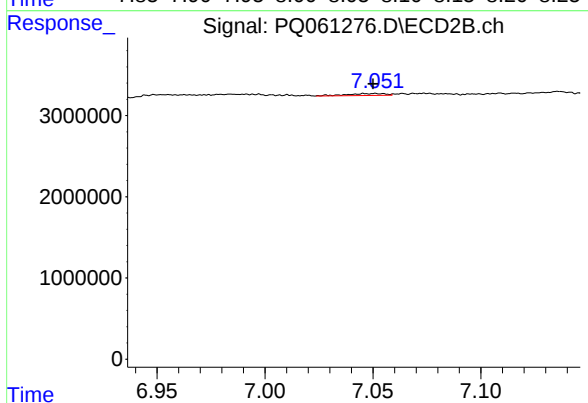
#39 AR-1262-4

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 1230185
Conc: 3.54 ng/ml



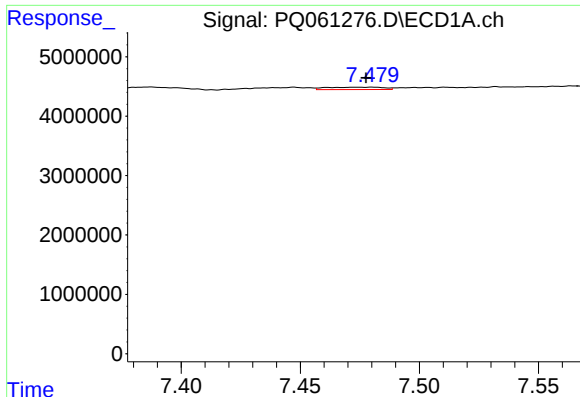
#40 AR-1262-5

R.T.: 8.057 min
Delta R.T.: -0.002 min
Response: 1027195
Conc: 5.52 ng/ml



#40 AR-1262-5

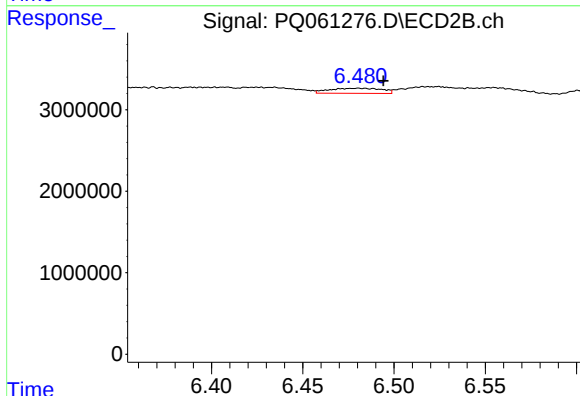
R.T.: 7.052 min
Delta R.T.: 0.002 min
Response: 297214
Conc: 1.76 ng/ml



#41 AR-1268-1

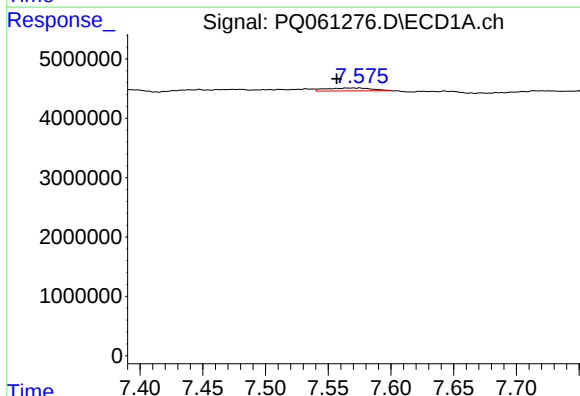
R.T.: 7.480 min
Delta R.T.: 0.002 min
Response: 662926
Conc: 1.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



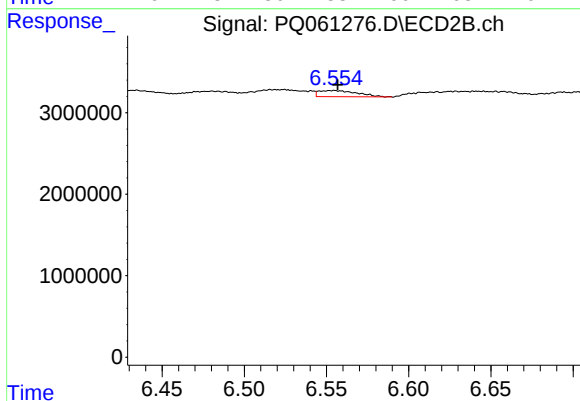
#41 AR-1268-1

R.T.: 6.481 min
Delta R.T.: -0.014 min
Response: 1242004
Conc: 2.33 ng/ml



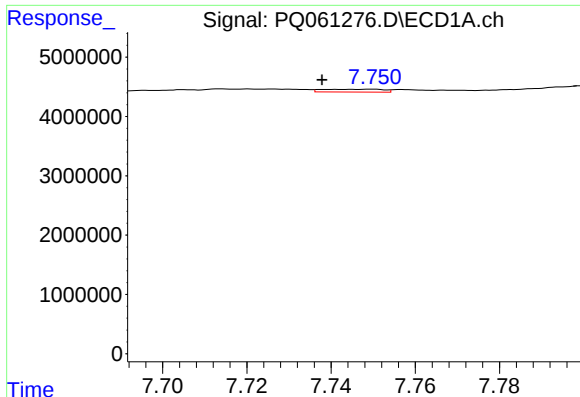
#42 AR-1268-2

R.T.: 7.575 min
Delta R.T.: 0.018 min
Response: 1208346
Conc: 2.18 ng/ml



#42 AR-1268-2

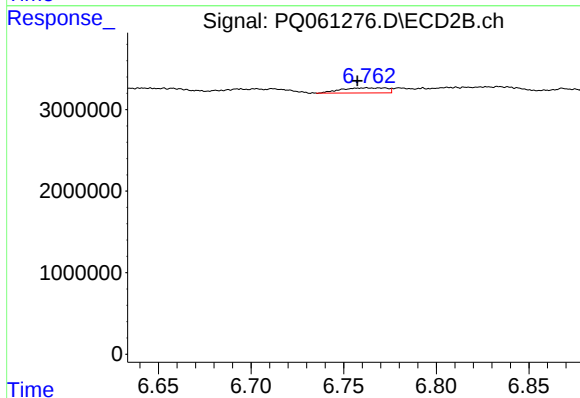
R.T.: 6.554 min
Delta R.T.: -0.003 min
Response: 1230185
Conc: 2.54 ng/ml



#43 AR-1268-3

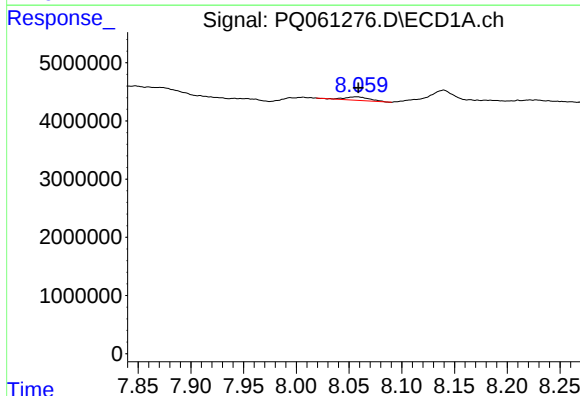
R.T.: 7.749 min
Delta R.T.: 0.011 min
Response: 479014
Conc: 1.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



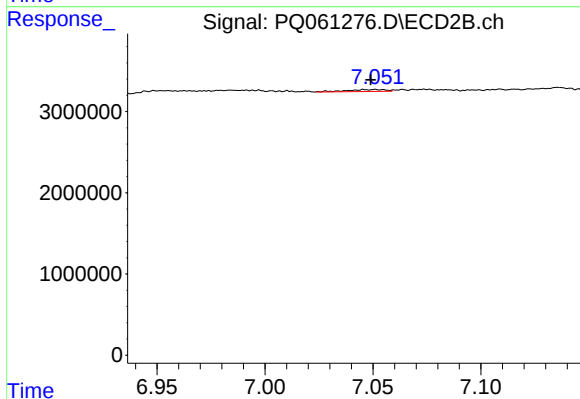
#43 AR-1268-3

R.T.: 6.762 min
Delta R.T.: 0.005 min
Response: 1071219
Conc: 2.56 ng/ml



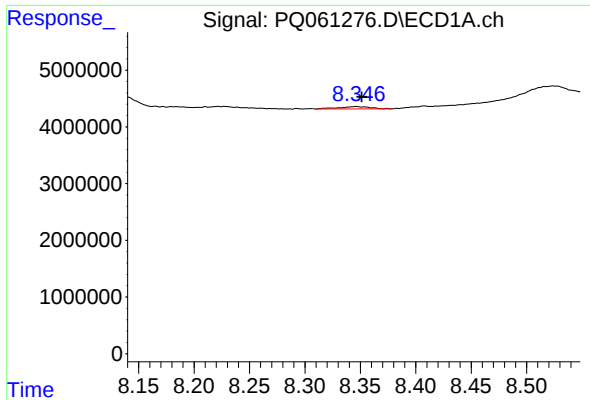
#44 AR-1268-4

R.T.: 8.057 min
Delta R.T.: -0.002 min
Response: 1027195
Conc: 5.06 ng/ml



#44 AR-1268-4

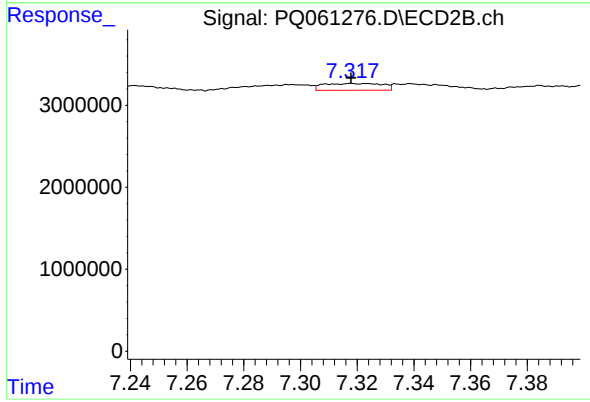
R.T.: 7.052 min
Delta R.T.: 0.003 min
Response: 297214
Conc: 1.61 ng/ml



#45 AR-1268-5

R.T.: 8.346 min
Delta R.T.: -0.005 min
Response: 793616
Conc: 0.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
EME-TOPSOIL-001



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 1198199
Conc: 0.89 ng/ml