

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012724\
 Data File : PR065267.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jan 2024 16:23
 Operator : AJ\MA
 Sample : P1187-03
 Misc : AR1248 MDL 25 PPB
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 MDL-SOIL-03-QT1-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 27 00:30:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011924.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 19 20:49:45 2024
 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...	3.701	3.003	102.7E6	93763933	17.208	17.142
2) SA Decachlor...	9.740	8.373	76092440	84307282	19.025	17.814
Target Compounds						
3) L1 AR-1016-1	4.942	4.149	2544075	2528108	14.353	13.921
4) L1 AR-1016-2	4.965	4.166	3229182	2244695	12.386	9.079 #
5) L1 AR-1016-3	5.029	4.351	2576061	2155874	15.413	15.900
6) L1 AR-1016-4	5.132	4.402	2027618	3541509	15.121	33.817 #
7) L1 AR-1016-5	5.454	4.625	3935736	4312299	29.148	30.911
8) L2 AR-1221-1	3.913	3.236	1311069	143878	18.267	2.323 #
9) L2 AR-1221-2	4.015	3.314	1613389	1350343	30.776	28.312
10) L2 AR-1221-3	4.097	3.400	291007	616091	1.894	4.460 #
11) L3 AR-1232-1	4.097	3.400	291007	616091	2.153	5.144 #
12) L3 AR-1232-2	4.651	4.166	1813409	2244695	23.539	18.373
13) L3 AR-1232-3	4.965	4.351	3229182	2155874	25.323	32.410 #
14) L3 AR-1232-4	5.132	4.444	2027618	3573299	30.934	62.405 #
15) L3 AR-1232-5	5.239	4.625	3863661	4312299	79.883	67.652
16) L4 AR-1242-1	4.942	4.149	2544075	2528108	17.797	17.299
17) L4 AR-1242-2	4.965	4.166	3229182	2244695	15.334	11.253 #
18) L4 AR-1242-3	5.029	4.351	2576061	2155874	19.021	19.689
19) L4 AR-1242-4	5.132	4.444	2027618	3573299	18.660	34.036 #
20) L4 AR-1242-5	5.934	5.003	4345178	6042972	38.413	44.755
21) L5 AR-1248-1	4.942	4.149	2544075	2528108	23.911	23.404
22) L5 AR-1248-2	5.239	4.402	3863661	3541509	24.866	24.454
23) L5 AR-1248-3	5.454	4.444	3935736	3573299	22.042	23.092
24) L5 AR-1248-4	5.894	4.625	4130215	4312299	21.785	23.027
25) L5 AR-1248-5	5.934	5.047	4345178	4791528	22.803	25.743
26) L6 AR-1254-1	5.864	5.003	4479649	6042972	21.872	20.739
27) L6 AR-1254-2	6.104	5.166	4509602	2506645	14.469	9.895 #
28) L6 AR-1254-3	6.500	5.596	3165033	3458468	9.894	8.453
29) L6 AR-1254-4	6.818	5.847	2168102	2650676	9.461	10.325
30) L6 AR-1254-5	7.281	6.298	1291202	1339808	5.195	3.655 #
31) L7 AR-1260-1	6.679	5.749	443463	3071857	1.764	10.762 #
32) L7 AR-1260-2	6.968	5.950	572503	842533	1.992	2.430
33) L7 AR-1260-3	7.352f	6.112	83552	3368026	0.395	10.367 #
34) L7 AR-1260-4	7.603	0.000	851273	0	3.608	N.D. #
35) L7 AR-1260-5	7.959	6.893	99400	241344	0.226	0.391 #
36) L8 AR-1262-1	7.352f	0.000	83552	0	0.247	N.D. #
37) L8 AR-1262-2	7.959	0.000	99400	0	0.176	N.D. #
38) L8 AR-1262-3	8.267	0.000	446132	0	1.172	N.D. #
39) L8 AR-1262-4	8.363	7.280	863735	1059480	2.949	1.840 #
41) L9 AR-1268-1	8.267	0.000	446132	0	0.736	N.D. #
42) L9 AR-1268-2	8.363	7.280	863735	1059480	1.579	1.423

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012724\
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Instrument :
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 ClientSampleId :
 MDL-SOIL-03-QT1-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 27 00:30:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR011924.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jan 19 20:49:45 2024
 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

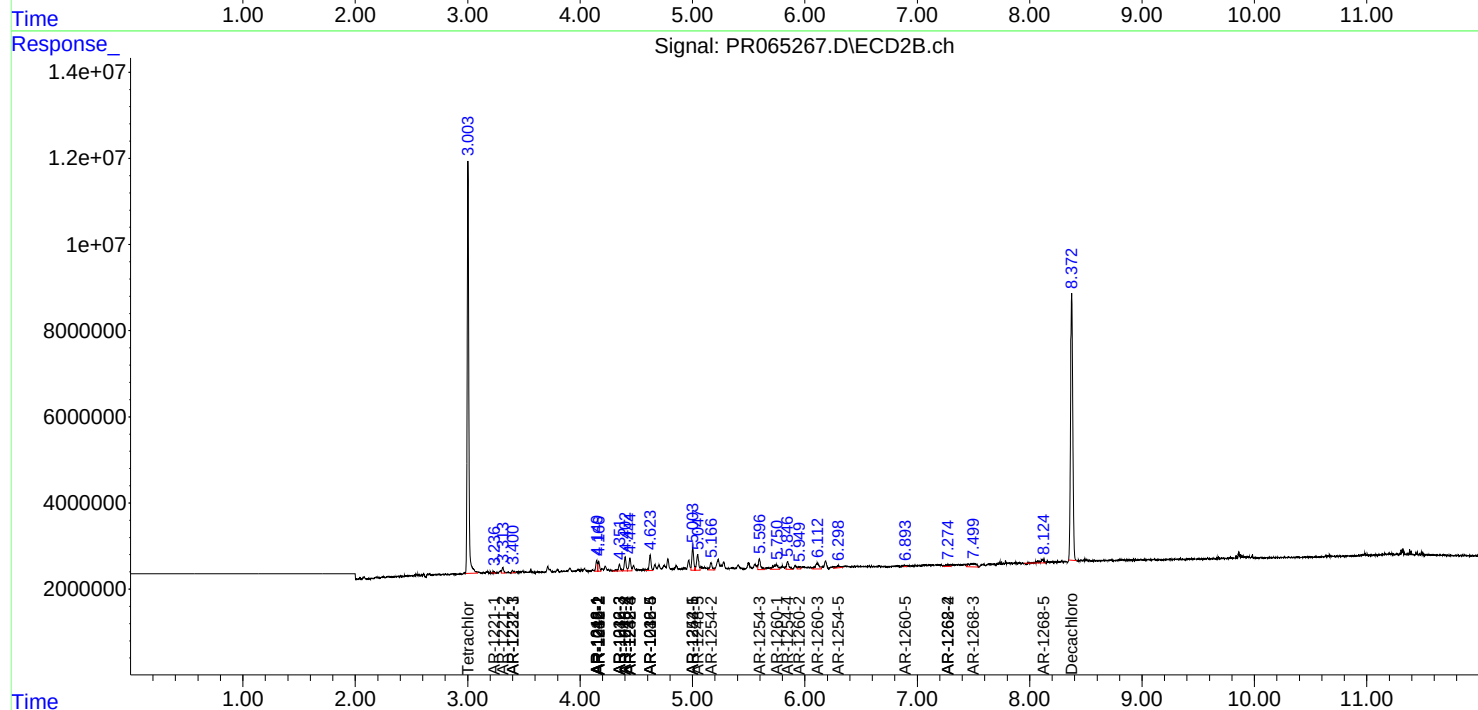
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	8.591	7.498	1055586	3926944	2.225	6.199 #
45) L9	AR-1268-5	9.415	8.114	750113	1654821	0.515	0.864 #

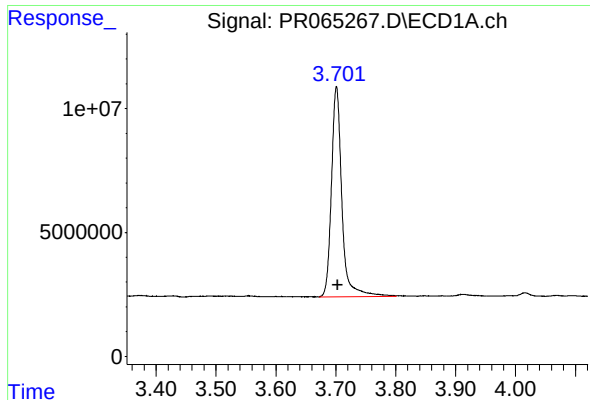
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_R

ClientSampleId :
MDL-SOIL-03-QT1-2024

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

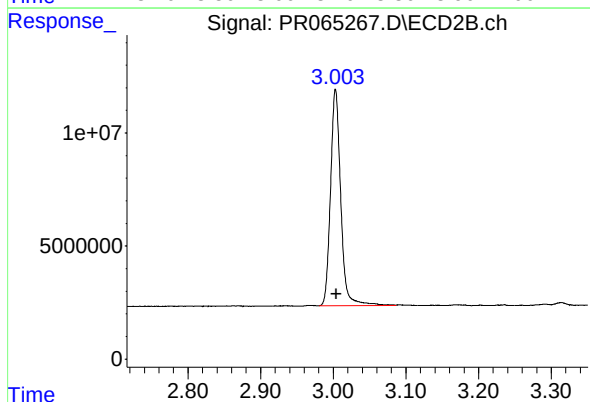




#1 Tetrachloro-m-xylene

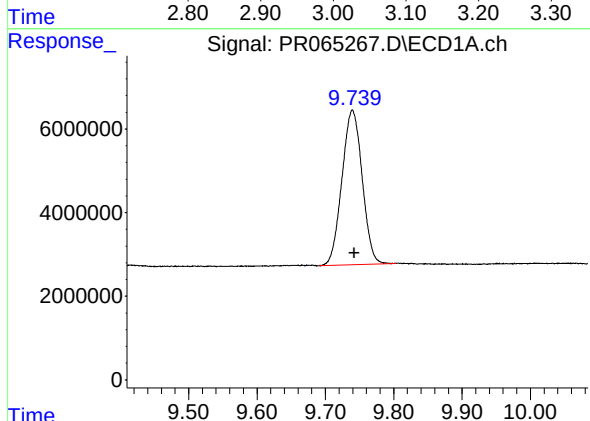
R.T.: 3.701 min
Delta R.T.: -0.002 min
Response: 102721008
Conc: 17.21 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



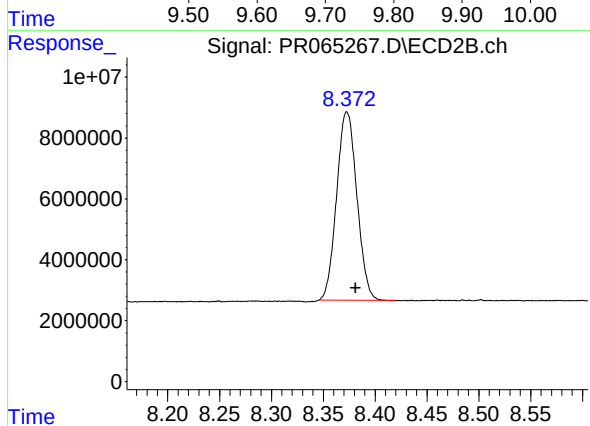
#1 Tetrachloro-m-xylene

R.T.: 3.003 min
Delta R.T.: -0.001 min
Response: 93763933
Conc: 17.14 ng/ml



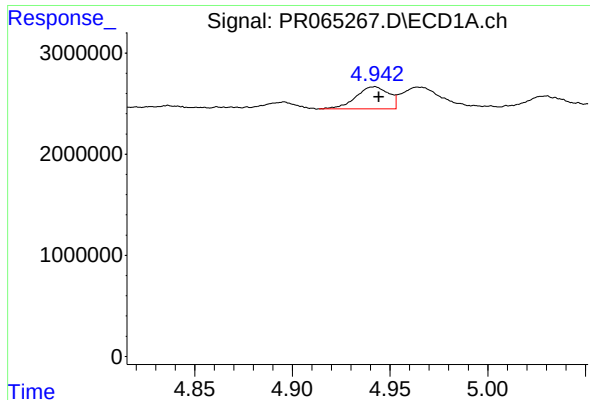
#2 Decachlorobiphenyl

R.T.: 9.740 min
Delta R.T.: -0.003 min
Response: 76092440
Conc: 19.03 ng/ml



#2 Decachlorobiphenyl

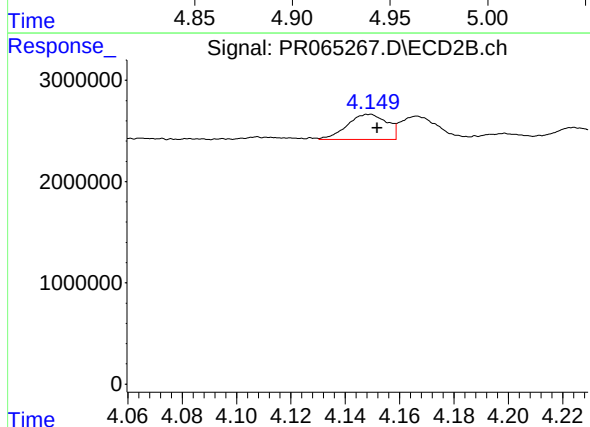
R.T.: 8.373 min
Delta R.T.: -0.008 min
Response: 84307282
Conc: 17.81 ng/ml



#3 AR-1016-1

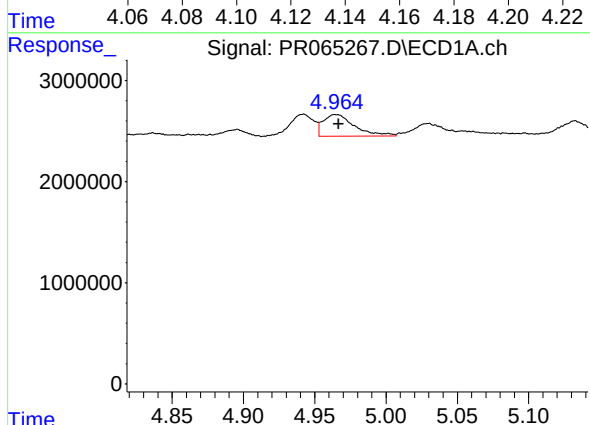
R.T.: 4.942 min
Delta R.T.: -0.002 min
Response: 2544075
Conc: 14.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



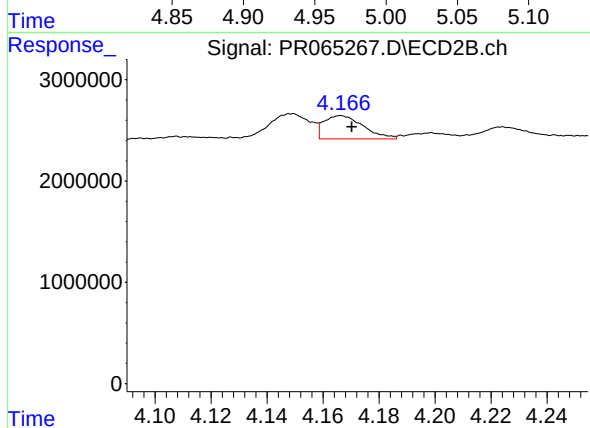
#3 AR-1016-1

R.T.: 4.149 min
Delta R.T.: -0.003 min
Response: 2528108
Conc: 13.92 ng/ml



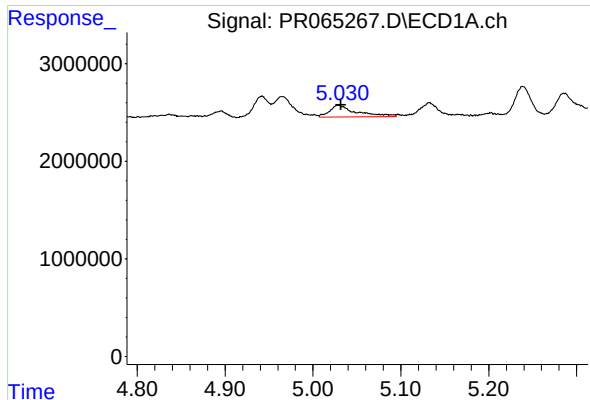
#4 AR-1016-2

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 3229182
Conc: 12.39 ng/ml



#4 AR-1016-2

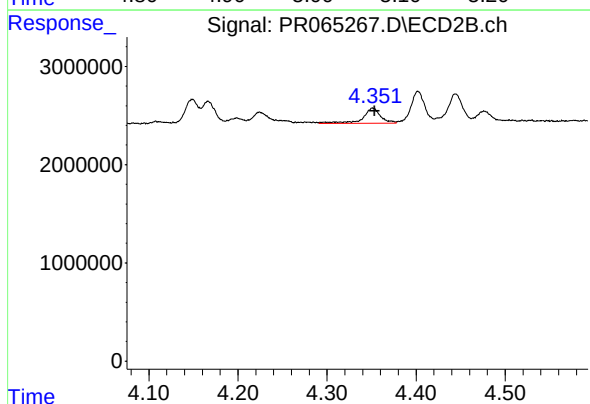
R.T.: 4.166 min
Delta R.T.: -0.004 min
Response: 2244695
Conc: 9.08 ng/ml



#5 AR-1016-3

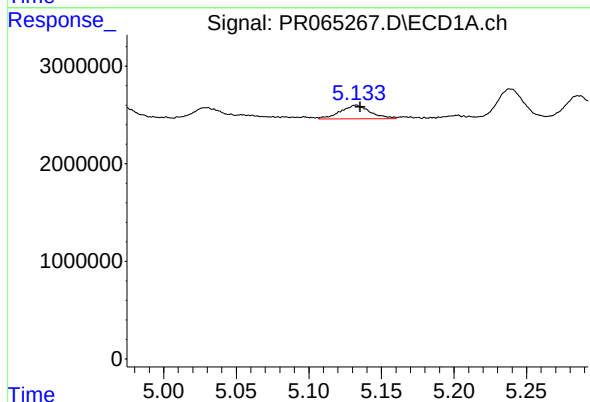
R.T.: 5.029 min
Delta R.T.: -0.002 min
Response: 2576061
Conc: 15.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



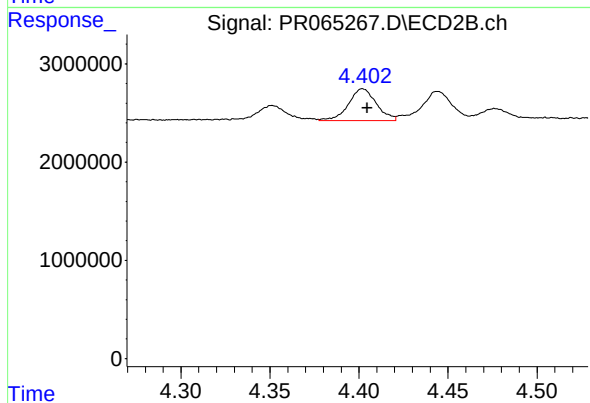
#5 AR-1016-3

R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 2155874
Conc: 15.90 ng/ml



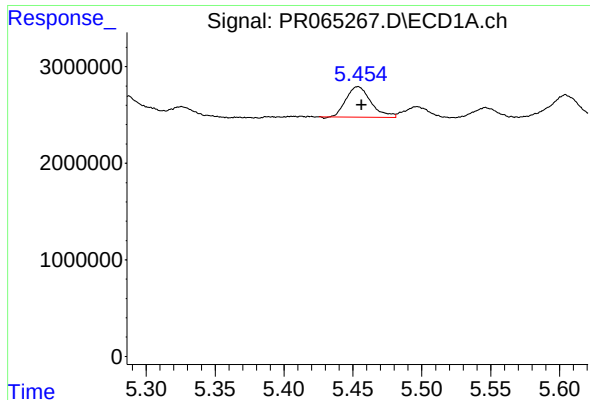
#6 AR-1016-4

R.T.: 5.132 min
Delta R.T.: -0.003 min
Response: 2027618
Conc: 15.12 ng/ml



#6 AR-1016-4

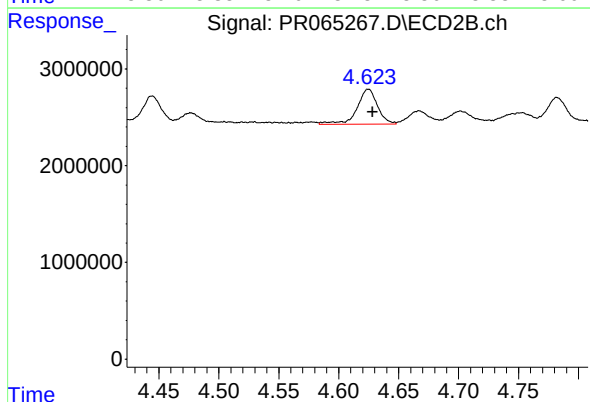
R.T.: 4.402 min
Delta R.T.: -0.003 min
Response: 3541509
Conc: 33.82 ng/ml



#7 AR-1016-5

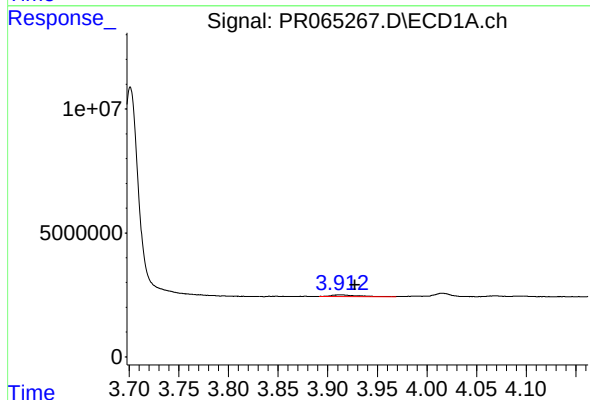
R.T.: 5.454 min
Delta R.T.: -0.003 min
Response: 3935736
Conc: 29.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



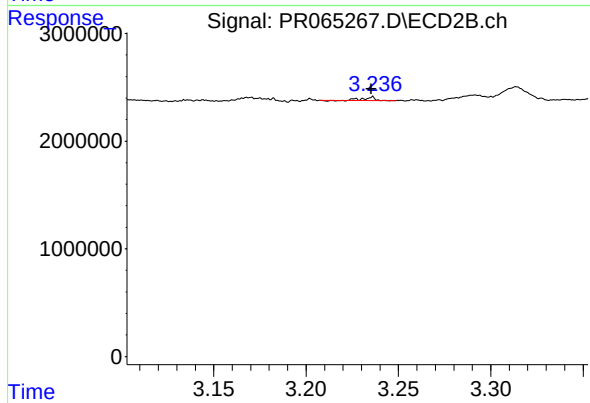
#7 AR-1016-5

R.T.: 4.625 min
Delta R.T.: -0.003 min
Response: 4312299
Conc: 30.91 ng/ml



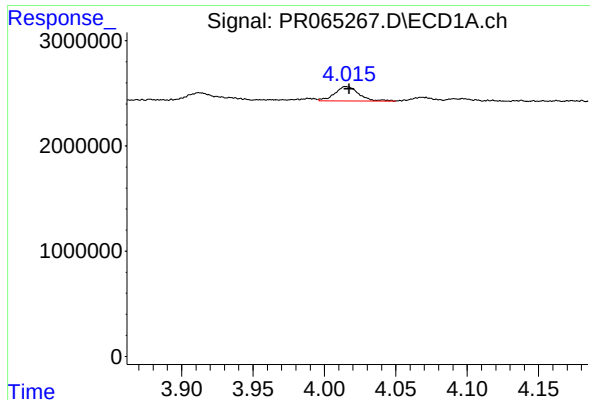
#8 AR-1221-1

R.T.: 3.913 min
Delta R.T.: -0.015 min
Response: 1311069
Conc: 18.27 ng/ml



#8 AR-1221-1

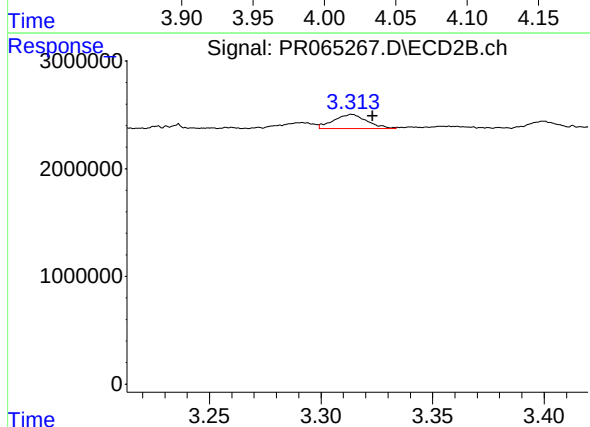
R.T.: 3.236 min
Delta R.T.: 0.000 min
Response: 143878
Conc: 2.32 ng/ml



#9 AR-1221-2

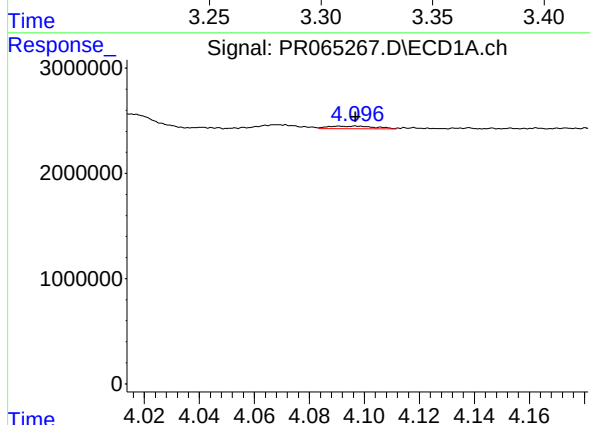
R.T.: 4.015 min
Delta R.T.: -0.002 min
Response: 1613389
Conc: 30.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



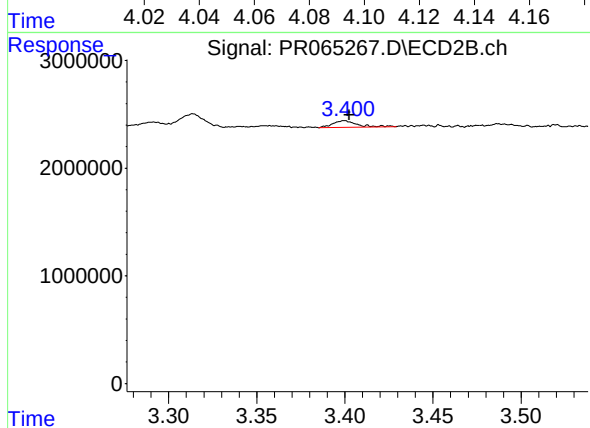
#9 AR-1221-2

R.T.: 3.314 min
Delta R.T.: -0.009 min
Response: 1350343
Conc: 28.31 ng/ml



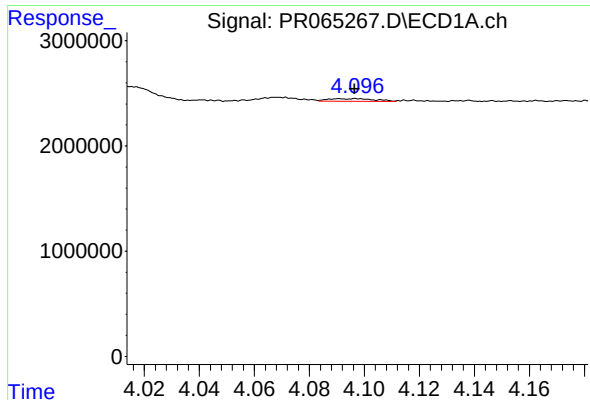
#10 AR-1221-3

R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 291007
Conc: 1.89 ng/ml



#10 AR-1221-3

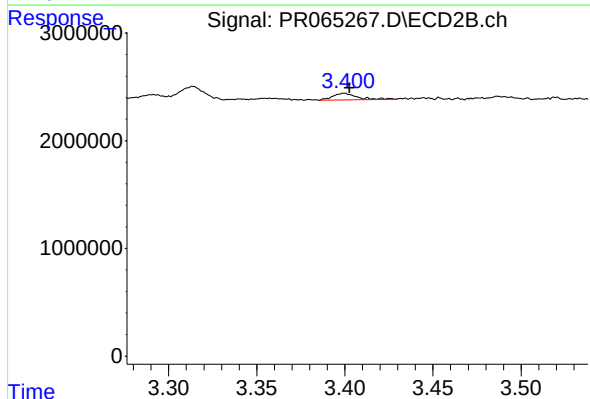
R.T.: 3.400 min
Delta R.T.: -0.003 min
Response: 616091
Conc: 4.46 ng/ml



#11 AR-1232-1

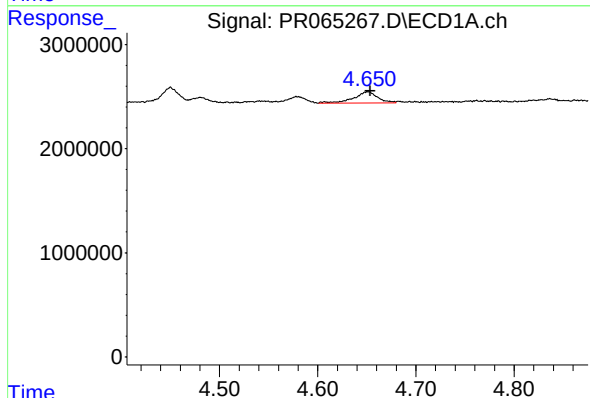
R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 291007
Conc: 2.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



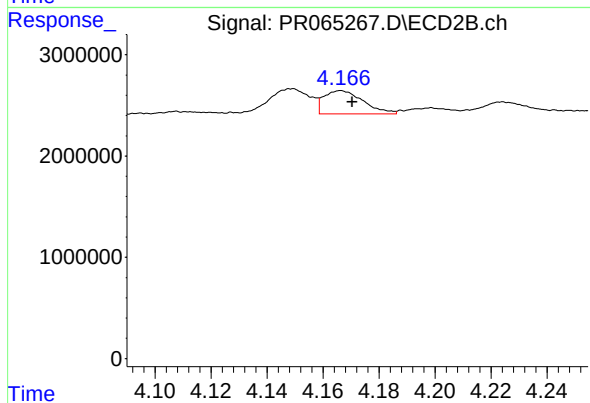
#11 AR-1232-1

R.T.: 3.400 min
Delta R.T.: -0.003 min
Response: 616091
Conc: 5.14 ng/ml



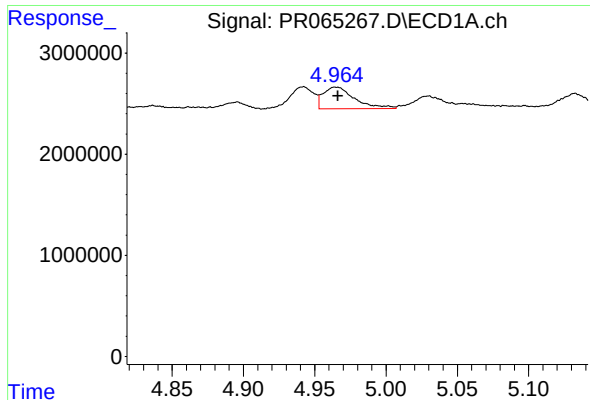
#12 AR-1232-2

R.T.: 4.651 min
Delta R.T.: -0.002 min
Response: 1813409
Conc: 23.54 ng/ml



#12 AR-1232-2

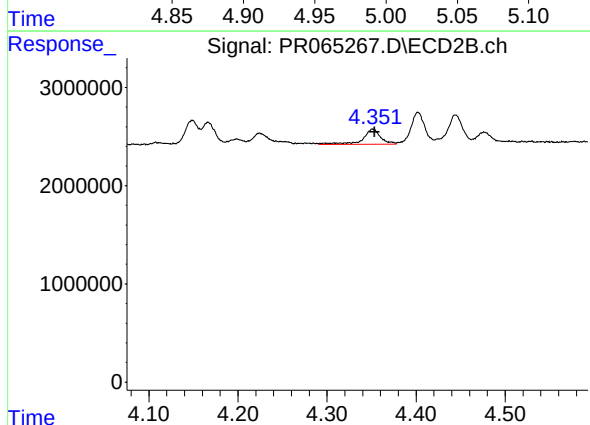
R.T.: 4.166 min
Delta R.T.: -0.004 min
Response: 2244695
Conc: 18.37 ng/ml



#13 AR-1232-3

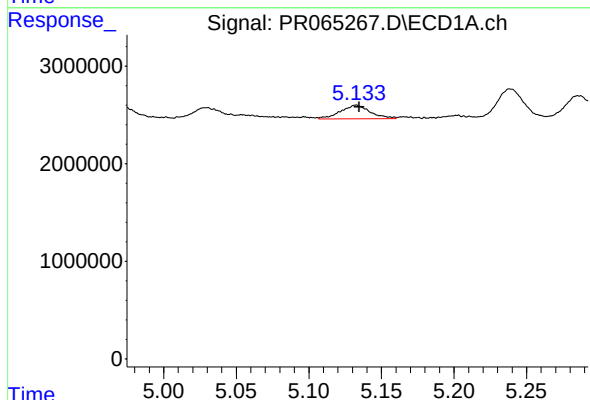
R.T.: 4.965 min
Delta R.T.: -0.001 min
Response: 3229182
Conc: 25.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



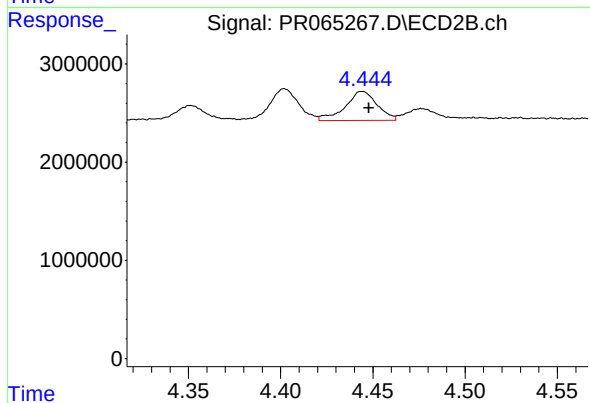
#13 AR-1232-3

R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 2155874
Conc: 32.41 ng/ml



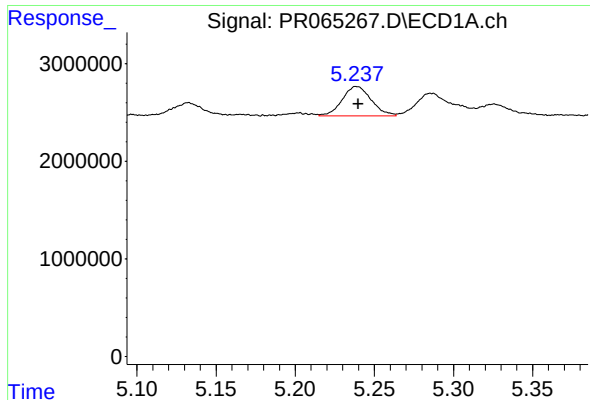
#14 AR-1232-4

R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 2027618
Conc: 30.93 ng/ml



#14 AR-1232-4

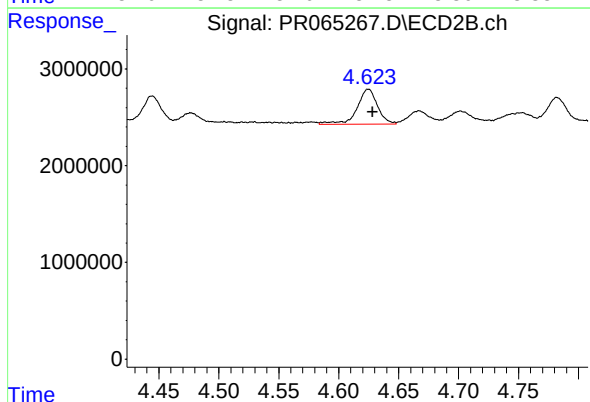
R.T.: 4.444 min
Delta R.T.: -0.004 min
Response: 3573299
Conc: 62.40 ng/ml



#15 AR-1232-5

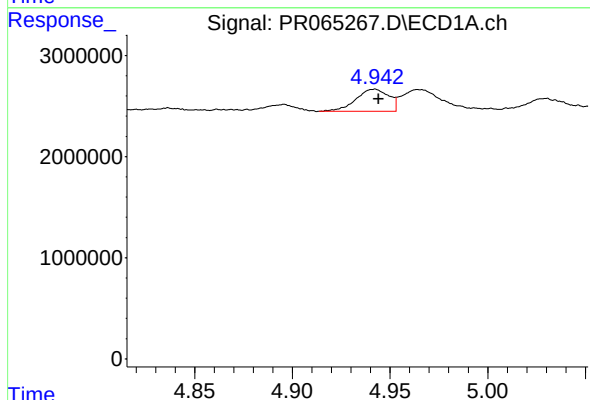
R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 3863661
Conc: 79.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



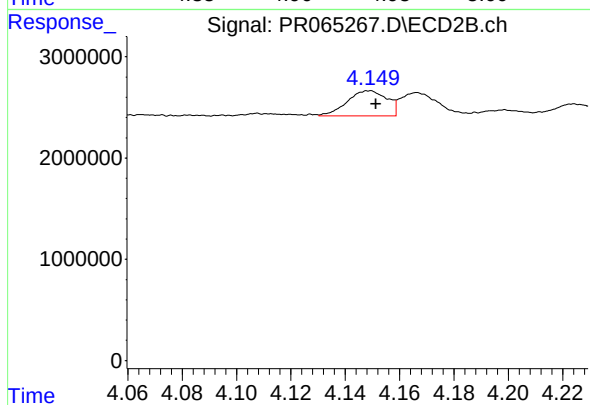
#15 AR-1232-5

R.T.: 4.625 min
Delta R.T.: -0.003 min
Response: 4312299
Conc: 67.65 ng/ml



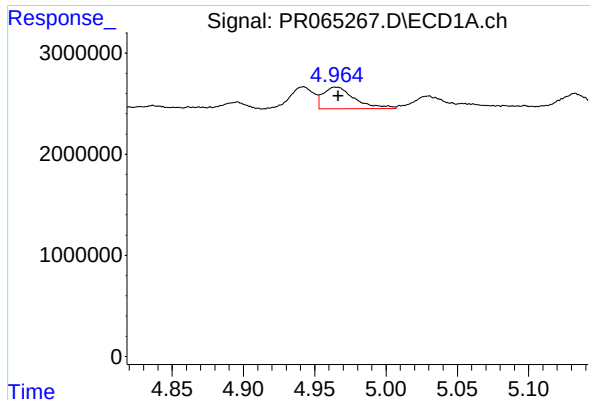
#16 AR-1242-1

R.T.: 4.942 min
Delta R.T.: -0.002 min
Response: 2544075
Conc: 17.80 ng/ml



#16 AR-1242-1

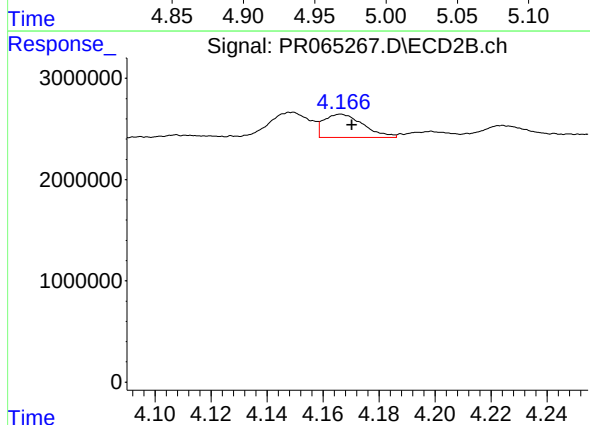
R.T.: 4.149 min
Delta R.T.: -0.003 min
Response: 2528108
Conc: 17.30 ng/ml



#17 AR-1242-2

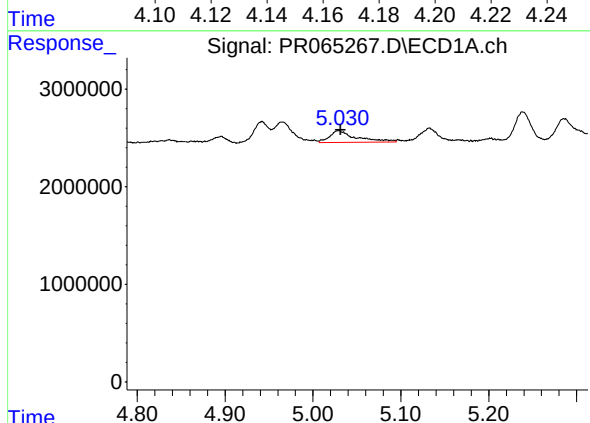
R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 3229182
Conc: 15.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



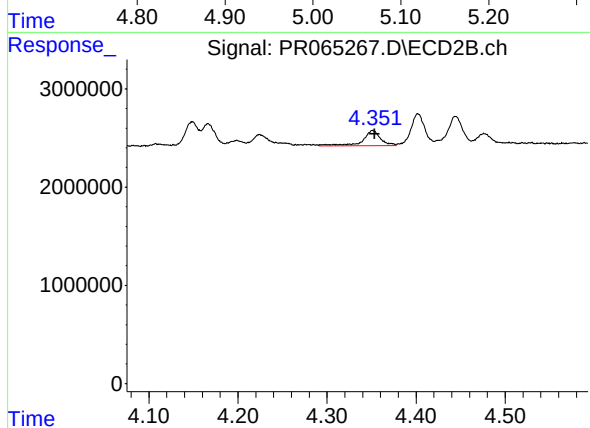
#17 AR-1242-2

R.T.: 4.166 min
Delta R.T.: -0.004 min
Response: 2244695
Conc: 11.25 ng/ml



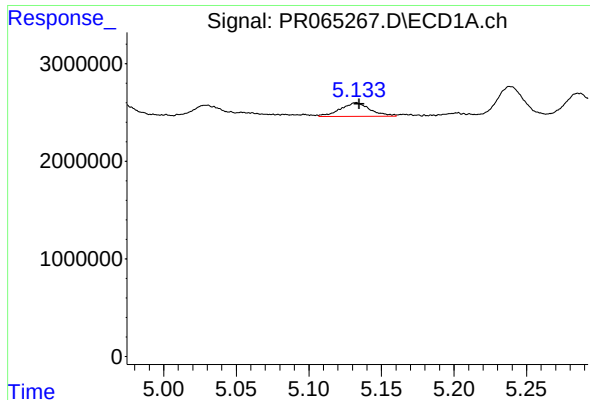
#18 AR-1242-3

R.T.: 5.029 min
Delta R.T.: -0.002 min
Response: 2576061
Conc: 19.02 ng/ml



#18 AR-1242-3

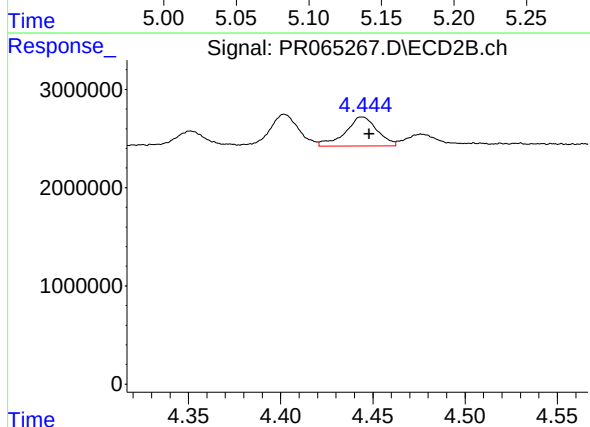
R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 2155874
Conc: 19.69 ng/ml



#19 AR-1242-4

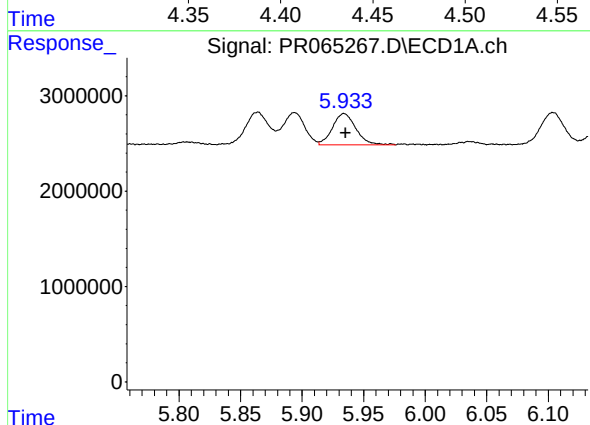
R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 2027618
Conc: 18.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



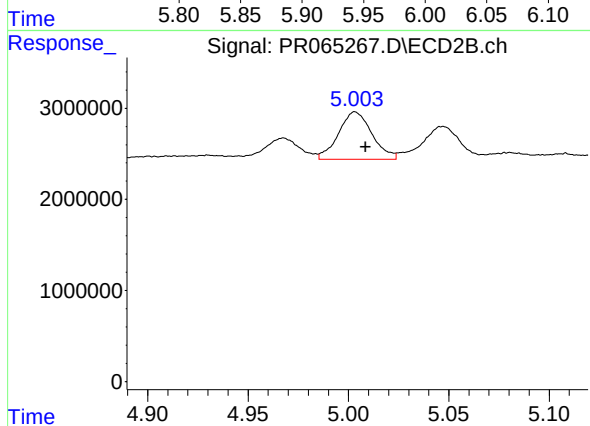
#19 AR-1242-4

R.T.: 4.444 min
Delta R.T.: -0.004 min
Response: 3573299
Conc: 34.04 ng/ml



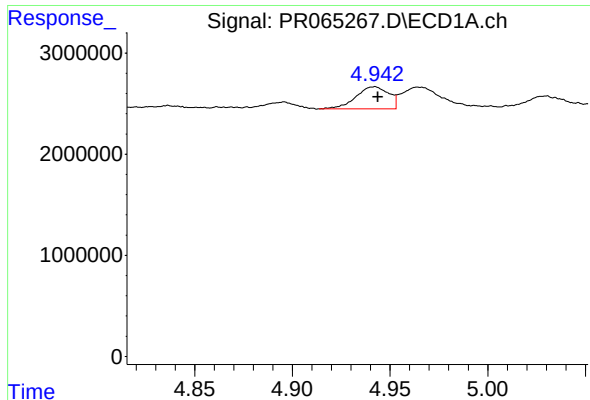
#20 AR-1242-5

R.T.: 5.934 min
Delta R.T.: -0.001 min
Response: 4345178
Conc: 38.41 ng/ml



#20 AR-1242-5

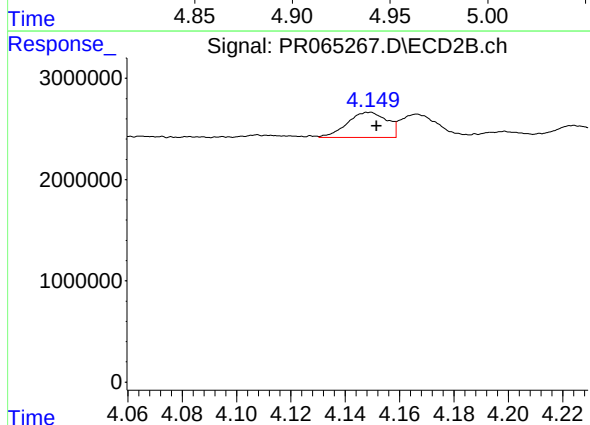
R.T.: 5.003 min
Delta R.T.: -0.005 min
Response: 6042972
Conc: 44.76 ng/ml



#21 AR-1248-1

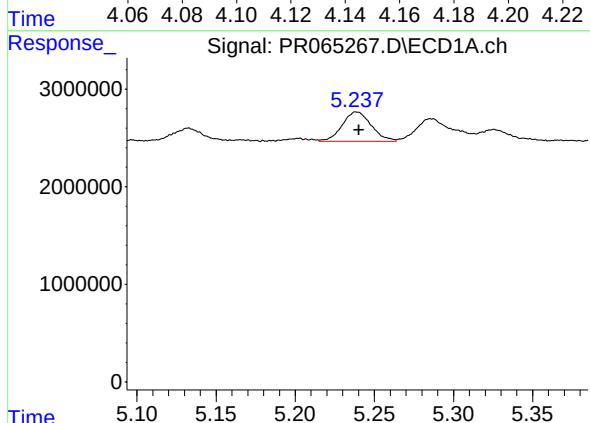
R.T.: 4.942 min
Delta R.T.: -0.002 min
Response: 2544075
Conc: 23.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



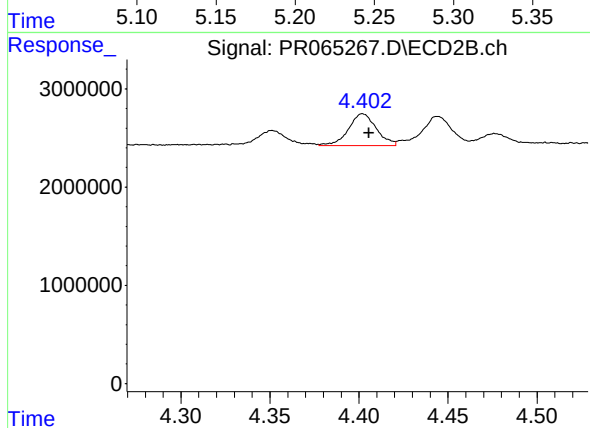
#21 AR-1248-1

R.T.: 4.149 min
Delta R.T.: -0.003 min
Response: 2528108
Conc: 23.40 ng/ml



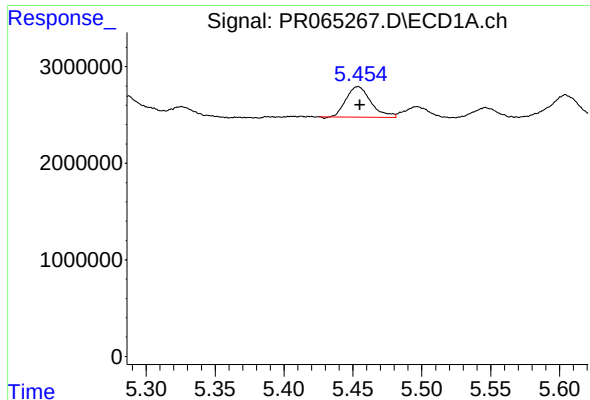
#22 AR-1248-2

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 3863661
Conc: 24.87 ng/ml



#22 AR-1248-2

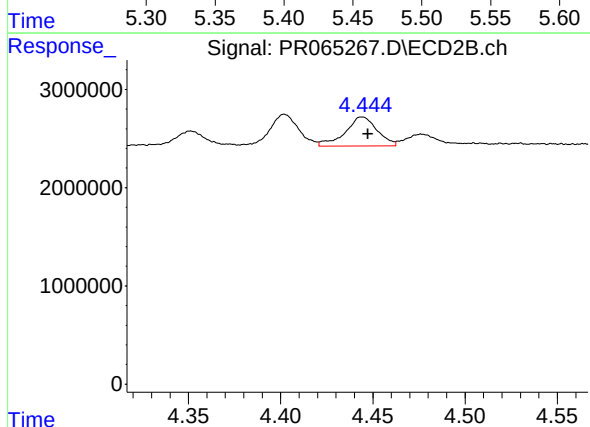
R.T.: 4.402 min
Delta R.T.: -0.003 min
Response: 3541509
Conc: 24.45 ng/ml



#23 AR-1248-3

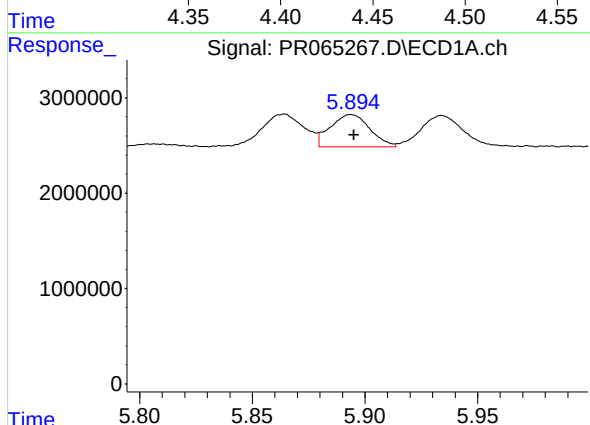
R.T.: 5.454 min
Delta R.T.: -0.002 min
Response: 3935736
Conc: 22.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



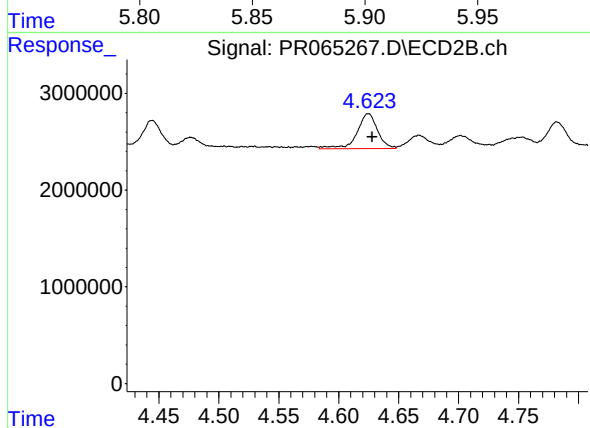
#23 AR-1248-3

R.T.: 4.444 min
Delta R.T.: -0.003 min
Response: 3573299
Conc: 23.09 ng/ml



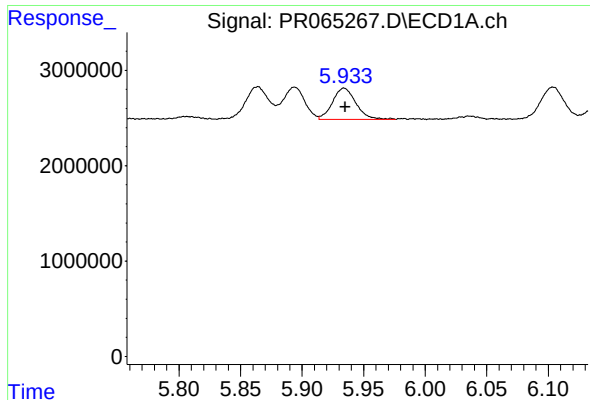
#24 AR-1248-4

R.T.: 5.894 min
Delta R.T.: -0.001 min
Response: 4130215
Conc: 21.79 ng/ml



#24 AR-1248-4

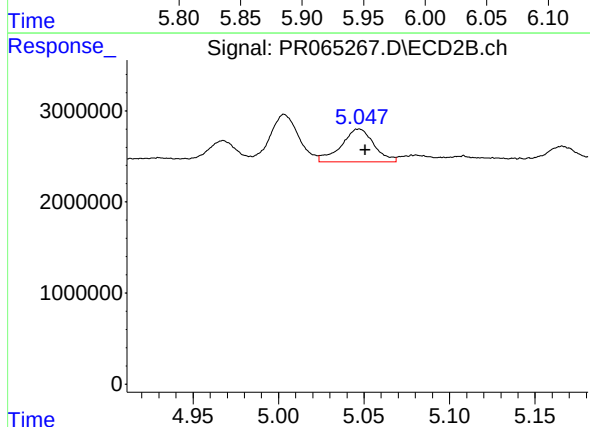
R.T.: 4.625 min
Delta R.T.: -0.003 min
Response: 4312299
Conc: 23.03 ng/ml



#25 AR-1248-5

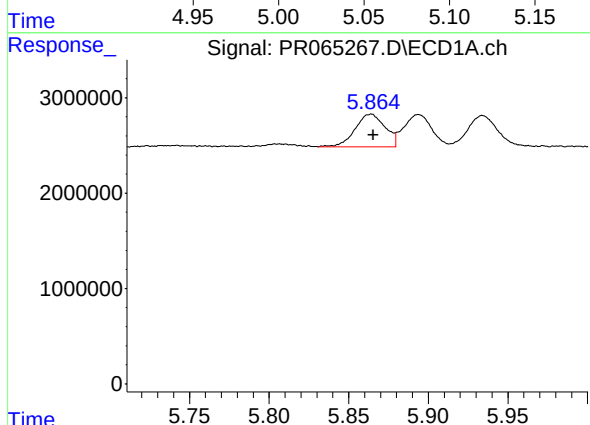
R.T.: 5.934 min
Delta R.T.: -0.001 min
Response: 4345178
Conc: 22.80 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



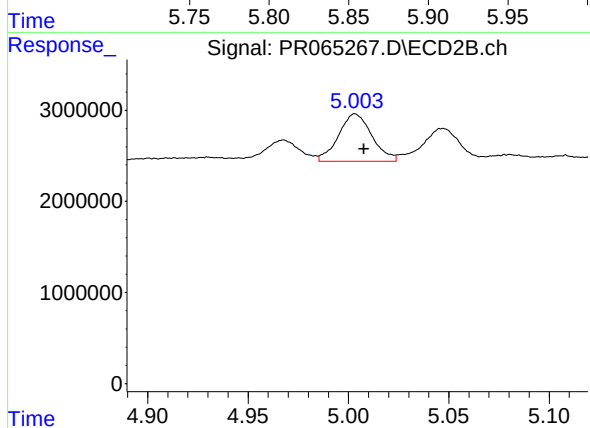
#25 AR-1248-5

R.T.: 5.047 min
Delta R.T.: -0.004 min
Response: 4791528
Conc: 25.74 ng/ml



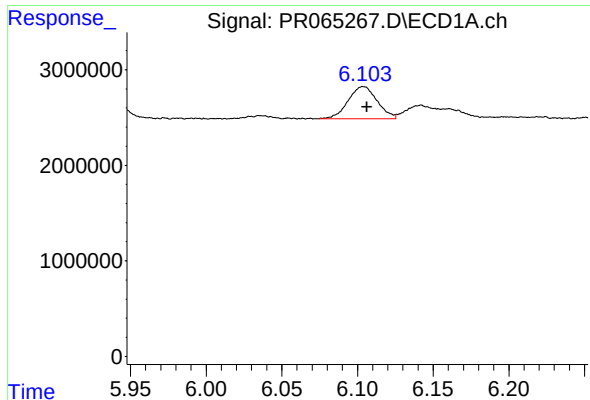
#26 AR-1254-1

R.T.: 5.864 min
Delta R.T.: -0.001 min
Response: 4479649
Conc: 21.87 ng/ml



#26 AR-1254-1

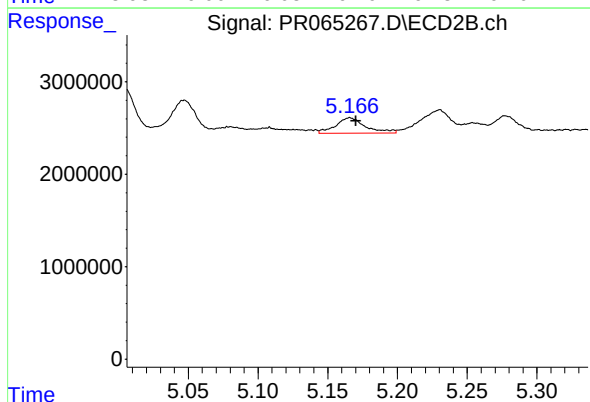
R.T.: 5.003 min
Delta R.T.: -0.004 min
Response: 6042972
Conc: 20.74 ng/ml



#27 AR-1254-2

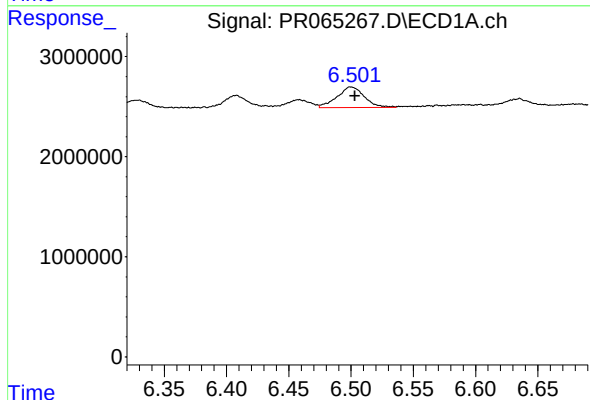
R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 4509602
Conc: 14.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



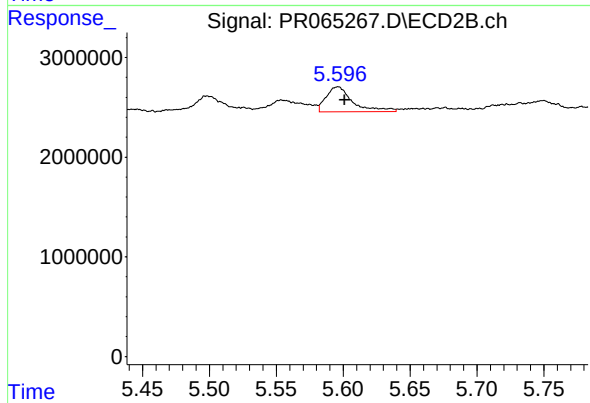
#27 AR-1254-2

R.T.: 5.166 min
Delta R.T.: -0.004 min
Response: 2506645
Conc: 9.89 ng/ml



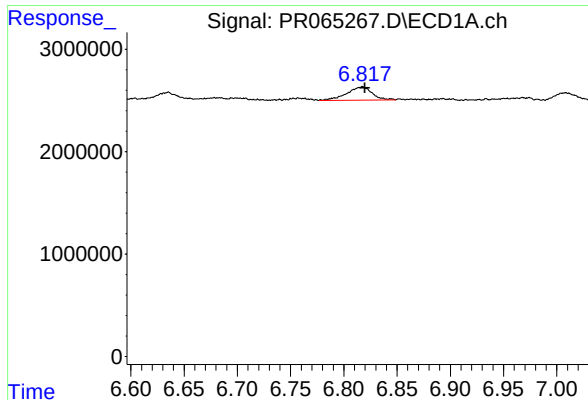
#28 AR-1254-3

R.T.: 6.500 min
Delta R.T.: -0.003 min
Response: 3165033
Conc: 9.89 ng/ml



#28 AR-1254-3

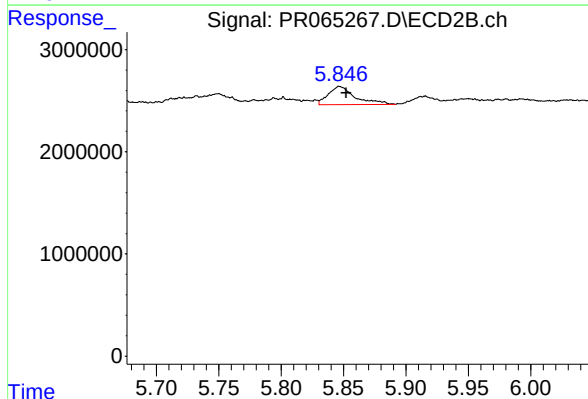
R.T.: 5.596 min
Delta R.T.: -0.005 min
Response: 3458468
Conc: 8.45 ng/ml



#29 AR-1254-4

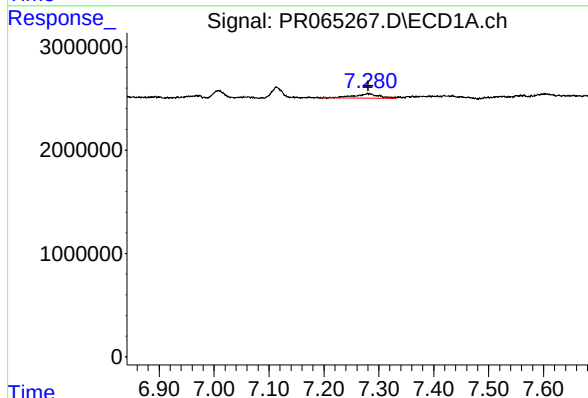
R.T.: 6.818 min
Delta R.T.: -0.002 min
Response: 2168102
Conc: 9.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



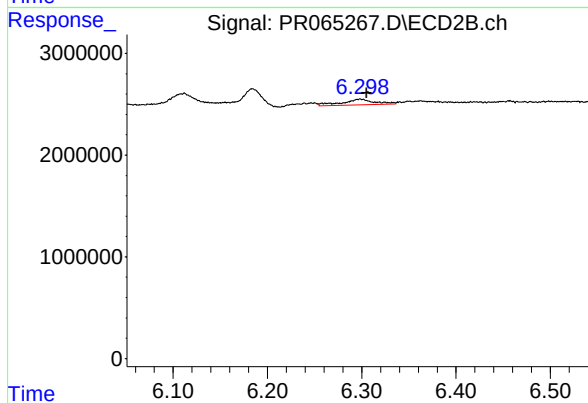
#29 AR-1254-4

R.T.: 5.847 min
Delta R.T.: -0.005 min
Response: 2650676
Conc: 10.33 ng/ml



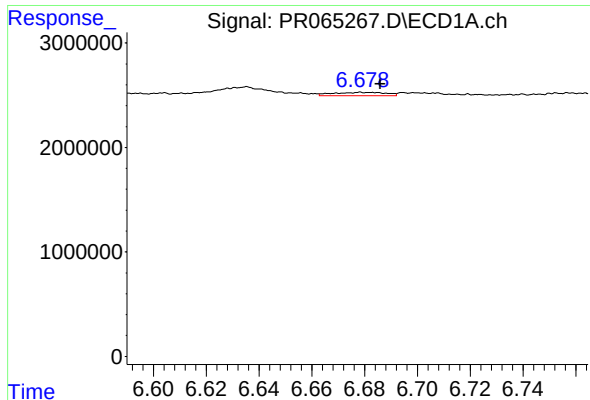
#30 AR-1254-5

R.T.: 7.281 min
Delta R.T.: 0.000 min
Response: 1291202
Conc: 5.20 ng/ml



#30 AR-1254-5

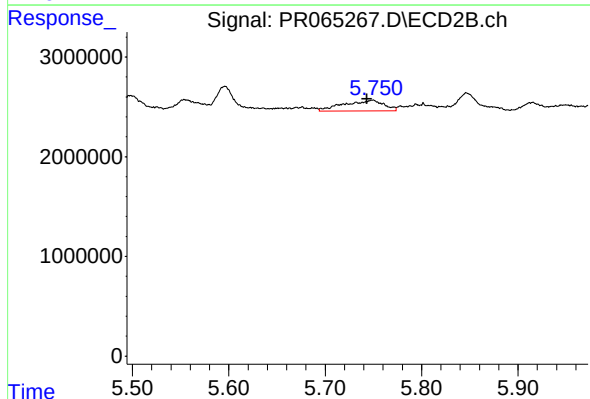
R.T.: 6.298 min
Delta R.T.: -0.007 min
Response: 1339808
Conc: 3.66 ng/ml



#31 AR-1260-1

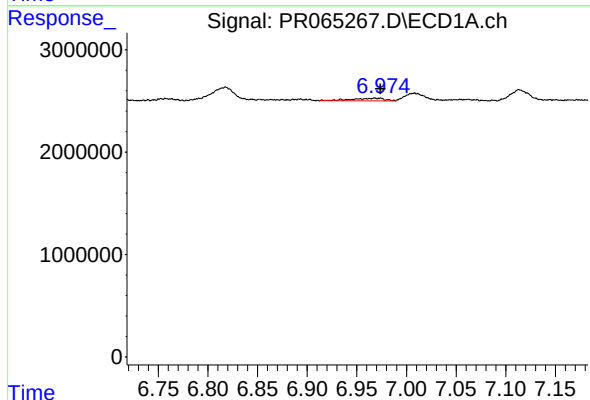
R.T.: 6.679 min
Delta R.T.: -0.007 min
Response: 443463
Conc: 1.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



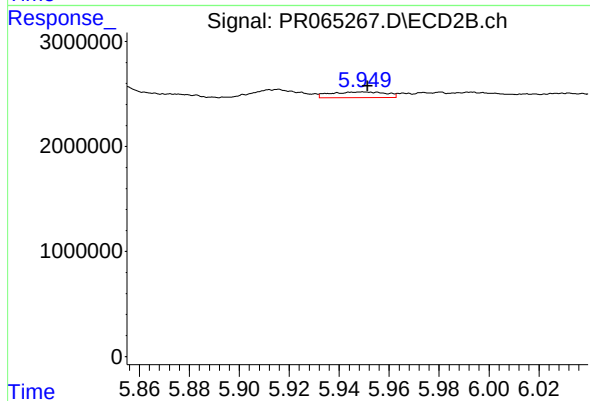
#31 AR-1260-1

R.T.: 5.749 min
Delta R.T.: 0.006 min
Response: 3071857
Conc: 10.76 ng/ml



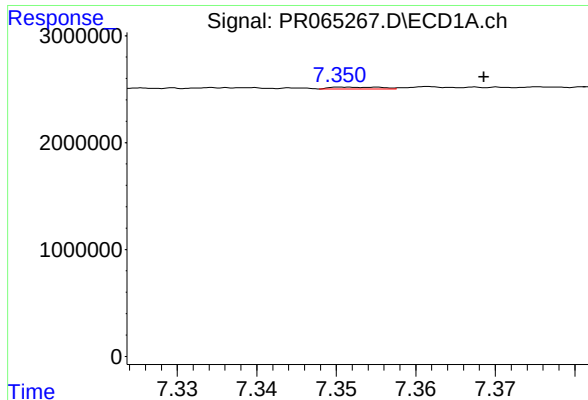
#32 AR-1260-2

R.T.: 6.968 min
Delta R.T.: -0.006 min
Response: 572503
Conc: 1.99 ng/ml



#32 AR-1260-2

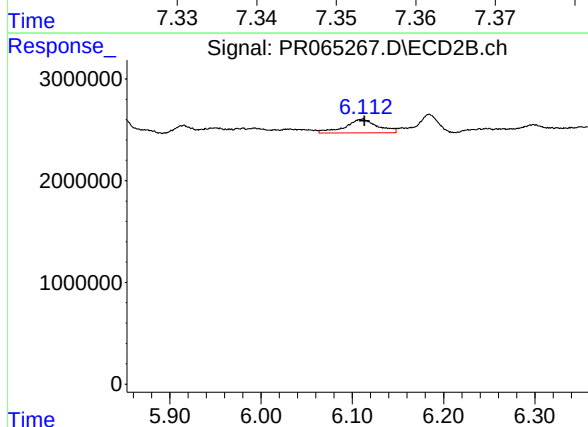
R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 842533
Conc: 2.43 ng/ml



#33 AR-1260-3

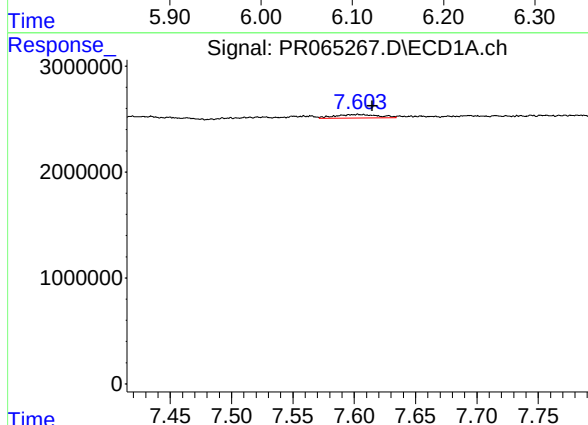
R.T.: 7.352 min
Delta R.T.: -0.016 min
Response: 83552
Conc: 0.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



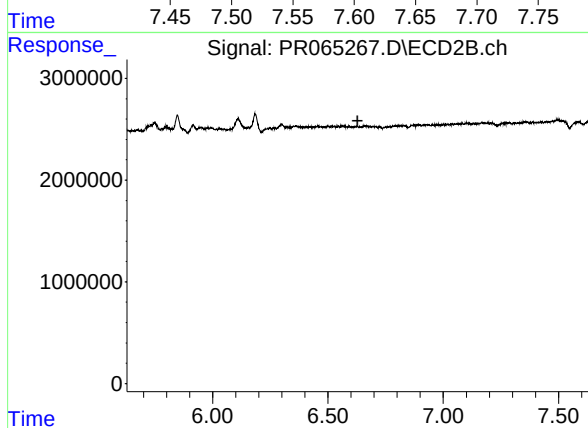
#33 AR-1260-3

R.T.: 6.112 min
Delta R.T.: -0.002 min
Response: 3368026
Conc: 10.37 ng/ml



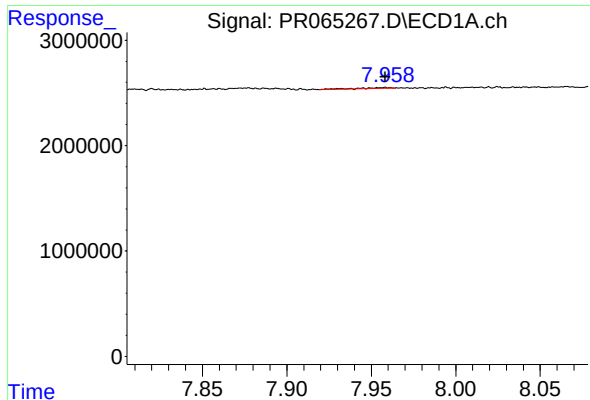
#34 AR-1260-4

R.T.: 7.603 min
Delta R.T.: -0.011 min
Response: 851273
Conc: 3.61 ng/ml



#34 AR-1260-4

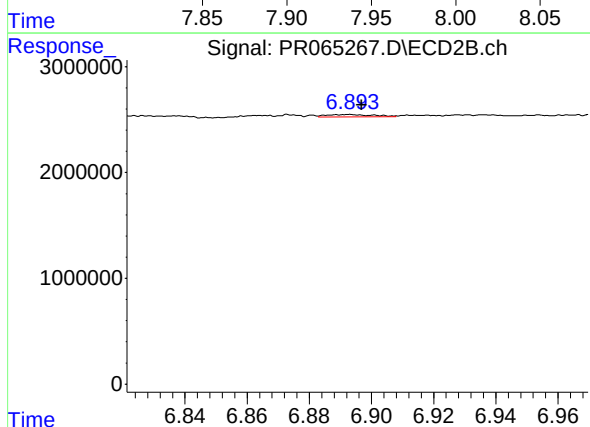
R.T.: 0.000 min
Exp R.T.: 6.628 min
Response: 0
Conc: N.D.



#35 AR-1260-5

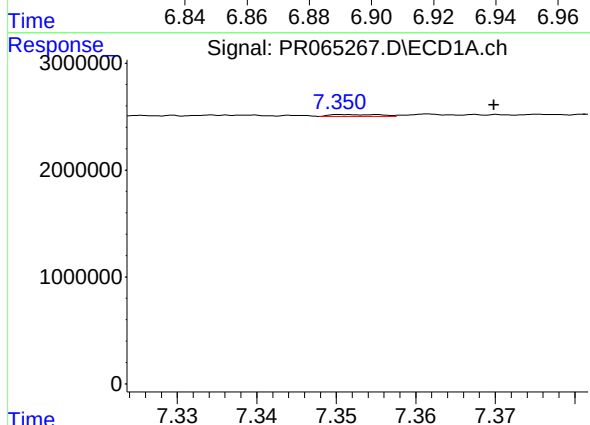
R.T.: 7.959 min
Delta R.T.: 0.000 min
Response: 99400
Conc: 0.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



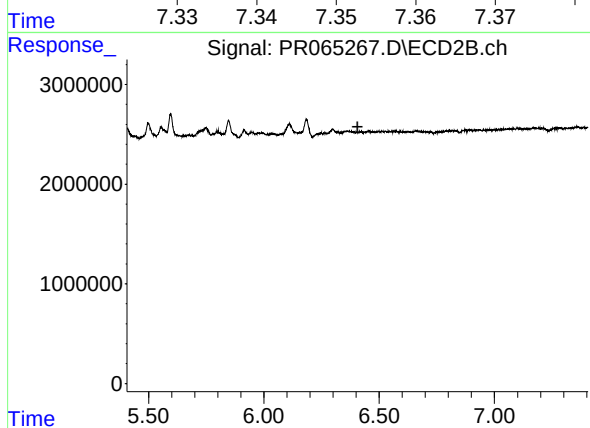
#35 AR-1260-5

R.T.: 6.893 min
Delta R.T.: -0.004 min
Response: 241344
Conc: 0.39 ng/ml



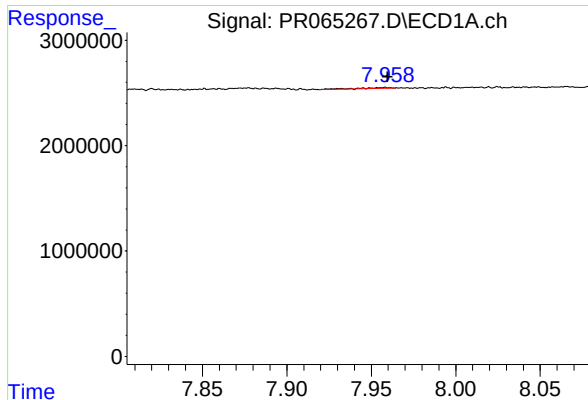
#36 AR-1262-1

R.T.: 7.352 min
Delta R.T.: -0.018 min
Response: 83552
Conc: 0.25 ng/ml



#36 AR-1262-1

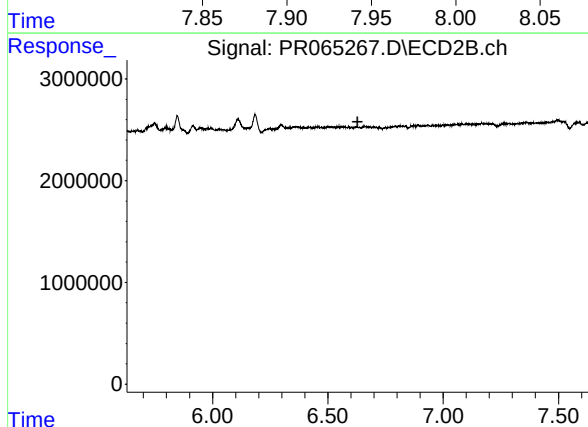
R.T.: 0.000 min
Exp R.T.: 6.406 min
Response: 0
Conc: N.D.



#37 AR-1262-2

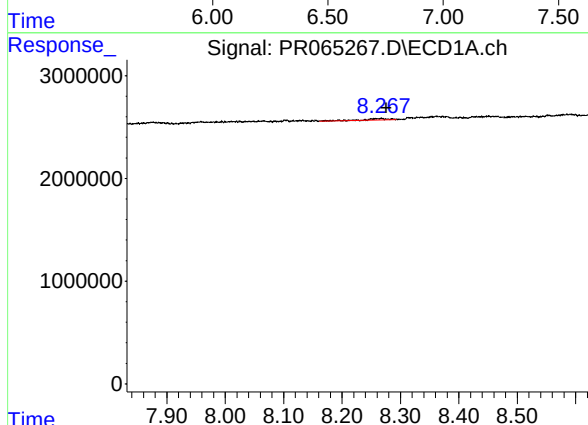
R.T.: 7.959 min
Delta R.T.: -0.001 min
Response: 99400
Conc: 0.18 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



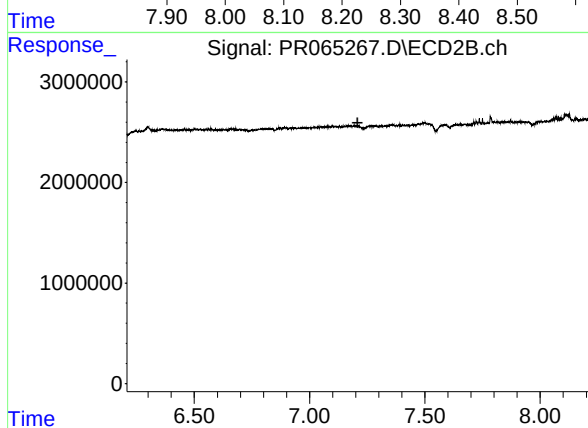
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 6.628 min
Response: 0
Conc: N.D.



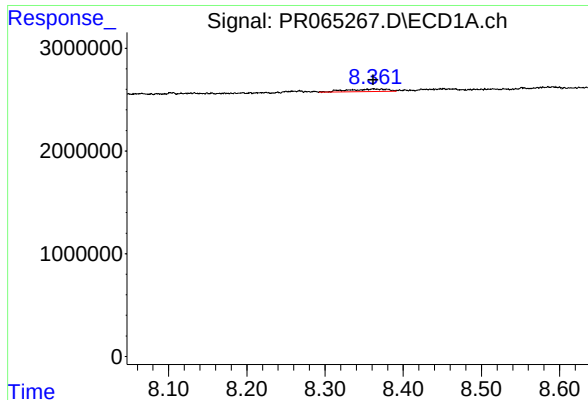
#38 AR-1262-3

R.T.: 8.267 min
Delta R.T.: -0.009 min
Response: 446132
Conc: 1.17 ng/ml



#38 AR-1262-3

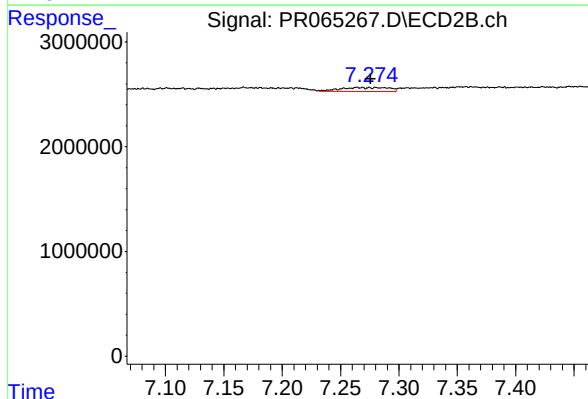
R.T.: 0.000 min
Exp R.T. : 7.208 min
Response: 0
Conc: N.D.



#39 AR-1262-4

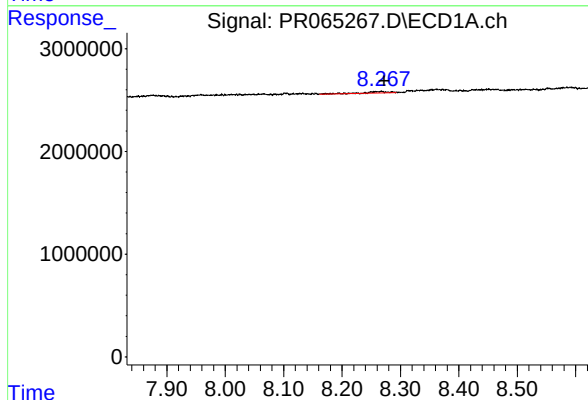
R.T.: 8.363 min
Delta R.T.: 0.000 min
Response: 863735
Conc: 2.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



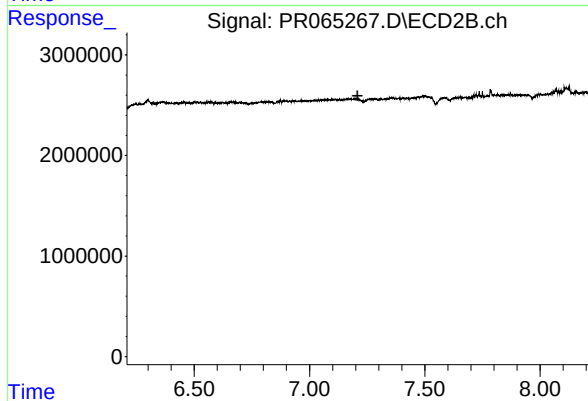
#39 AR-1262-4

R.T.: 7.280 min
Delta R.T.: 0.004 min
Response: 1059480
Conc: 1.84 ng/ml



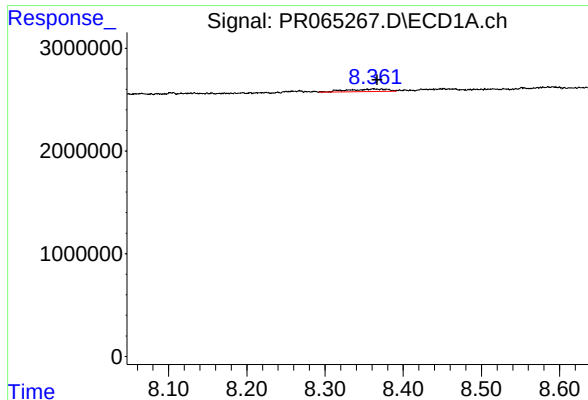
#41 AR-1268-1

R.T.: 8.267 min
Delta R.T.: -0.006 min
Response: 446132
Conc: 0.74 ng/ml



#41 AR-1268-1

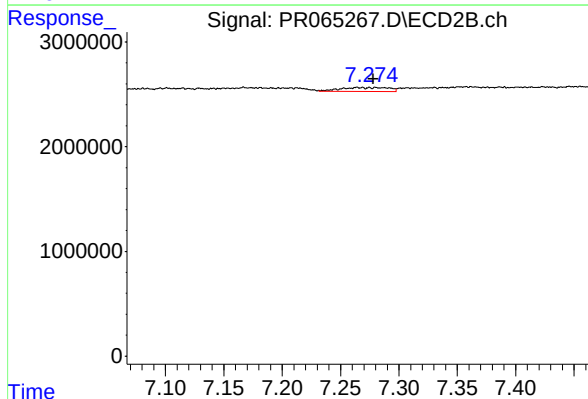
R.T.: 0.000 min
Exp R.T. : 7.208 min
Response: 0
Conc: N.D.



#42 AR-1268-2

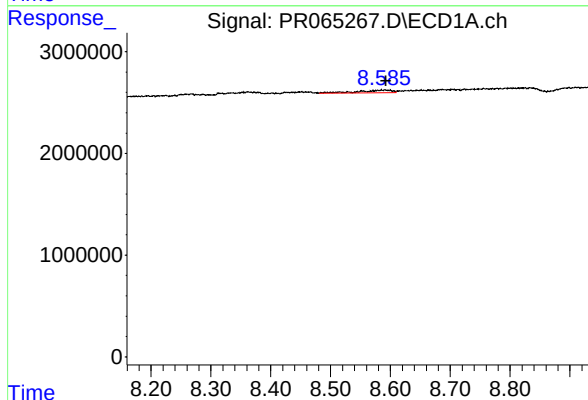
R.T.: 8.363 min
Delta R.T.: -0.004 min
Response: 863735
Conc: 1.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



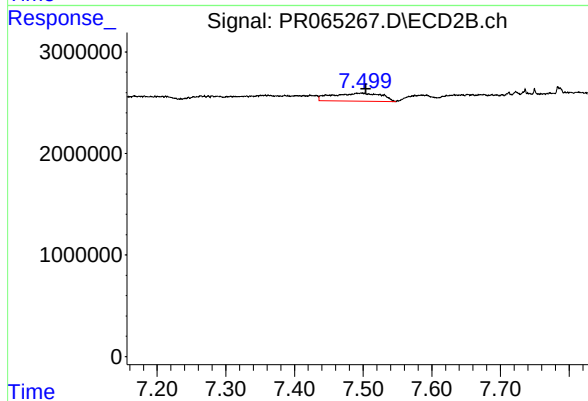
#42 AR-1268-2

R.T.: 7.280 min
Delta R.T.: 0.002 min
Response: 1059480
Conc: 1.42 ng/ml



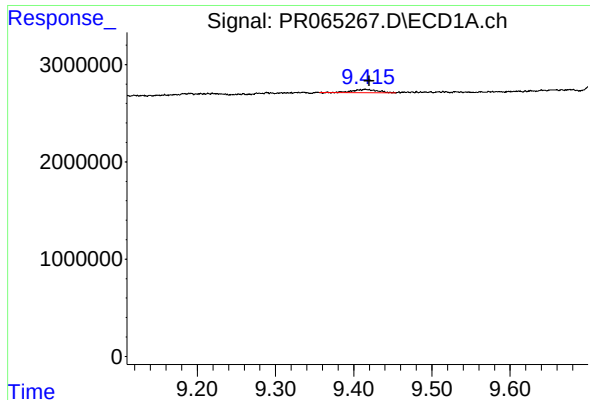
#43 AR-1268-3

R.T.: 8.591 min
Delta R.T.: -0.002 min
Response: 1055586
Conc: 2.22 ng/ml



#43 AR-1268-3

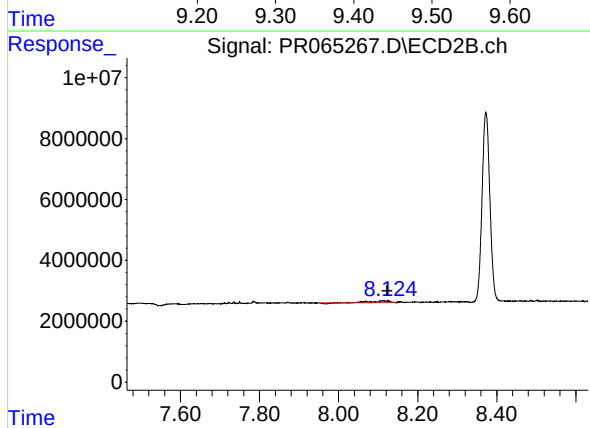
R.T.: 7.498 min
Delta R.T.: -0.006 min
Response: 3926944
Conc: 6.20 ng/ml



#45 AR-1268-5

R.T.: 9.415 min
Delta R.T.: -0.005 min
Response: 750113
Conc: 0.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-03-QT1-2024



#45 AR-1268-5

R.T.: 8.114 min
Delta R.T.: -0.009 min
Response: 1654821
Conc: 0.86 ng/ml