

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012624\
 Data File : PR065222.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2024 21:10
 Operator : AJ\MA
 Sample : P1187-01
 Misc : AR1248 LOD 40 PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 02:30:32 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...	3.702	3.003	129.2E6	117.7E6	21.645	21.522
2)	SA Decachlor...	9.739	8.374	96316624	104.6E6	24.082	22.106
Target Compounds							
3)	L1 AR-1016-1	4.942	4.148	4666627	4421642	26.328	24.348
4)	L1 AR-1016-2	4.965	4.167	5943146	4410724	22.797	17.840
5)	L1 AR-1016-3	5.031	4.351	3368222	3201431	20.153	23.611
6)	L1 AR-1016-4	5.132	4.402	3193569	6499735	23.817	62.064 #
7)	L1 AR-1016-5	5.454	4.625	8275415	8187083	61.288	58.686
8)	L2 AR-1221-1	3.913	3.228	2831929	177103	39.457	2.860 #
9)	L2 AR-1221-2	4.018	3.313	2649234	1815300	50.535	38.061
10)	L2 AR-1221-3	4.094	3.399	791206	673581	5.150	4.876
11)	L3 AR-1232-1	4.094	3.399	791206	673581	5.854	5.624
12)	L3 AR-1232-2	4.652	4.167	3421062	4410724	44.406	36.102
13)	L3 AR-1232-3	4.965	4.351	5943146	3201431	46.607	48.128
14)	L3 AR-1232-4	5.132	4.444	3193569	6585306	48.722	115.007 #
15)	L3 AR-1232-5	5.240	4.625	7182886	8187083	148.509	128.441
16)	L4 AR-1242-1	4.942	4.148	4666627	4421642	32.644	30.256
17)	L4 AR-1242-2	4.965	4.167	5943146	4410724	28.221	22.111
18)	L4 AR-1242-3	5.031	4.351	3368222	3201431	24.871	29.237
19)	L4 AR-1242-4	5.132	4.444	3193569	6585306	29.390	62.726 #
20)	L4 AR-1242-5	5.934	5.004	8378084	11362597	74.065	84.154
21)	L5 AR-1248-1	4.942	4.148	4666627	4421642	43.861	40.933
22)	L5 AR-1248-2	5.240	4.402	7182886	6499735	46.227	44.880
23)	L5 AR-1248-3	5.454	4.444	8275415	6585306	46.346	42.556
24)	L5 AR-1248-4	5.895	4.625	8448573	8187083	44.563	43.718
25)	L5 AR-1248-5	5.934	5.047	8378084	8216113	43.968	44.142
26)	L6 AR-1254-1	5.863	5.004	7016864	11362597	34.260	38.995
27)	L6 AR-1254-2	6.104	5.166	8767831	4373738	28.131	17.265 #
28)	L6 AR-1254-3	6.501	5.596	4770905	6285499	14.913	15.362
29)	L6 AR-1254-4	6.819	5.846	3191477	5025625	13.927	19.576 #
30)	L6 AR-1254-5	7.280	6.300	1090878	1771307	4.389	4.832
31)	L7 AR-1260-1	6.684	5.747	750706	4363537	2.986	15.287 #
32)	L7 AR-1260-2	6.969	5.947	378299	1120062	1.316	3.230 #
33)	L7 AR-1260-3	7.378	6.109	646322	6130236	3.057	18.869 #
34)	L7 AR-1260-4	7.603	0.000	2165545	0	9.177	N.D. #
35)	L7 AR-1260-5	7.959	6.889	631882	357157	1.437	0.579 #
36)	L8 AR-1262-1	7.378	0.000	646322	0	1.909	N.D. #
37)	L8 AR-1262-2	7.959	0.000	631882	0	1.117	N.D. #
39)	L8 AR-1262-4	8.358	7.268	876499	1484079	2.992	2.577
42)	L9 AR-1268-2	8.358	7.268	876499	1484079	1.602	1.993
43)	L9 AR-1268-3	8.588	7.499	1752454	1120421	3.693	1.769 #
45)	L9 AR-1268-5	9.415	8.114	631664	1288189	0.433	0.673 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012624\
Data File : PR065222.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jan 2024 21:10
Operator : AJ\MA
Sample : P1187-01
Misc : AR1248 LOD 40 PPB
ALS Vial : 26 Sample Multiplier: 1

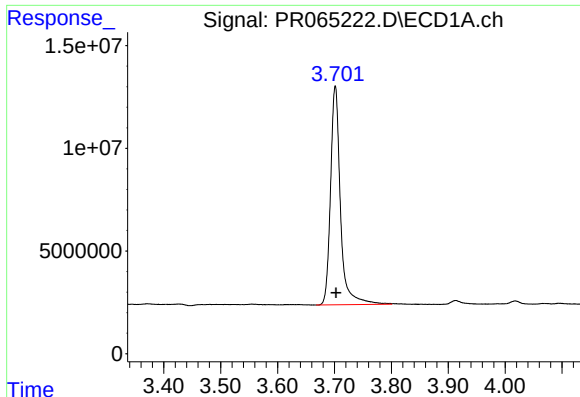
Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 26 02:30:32 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

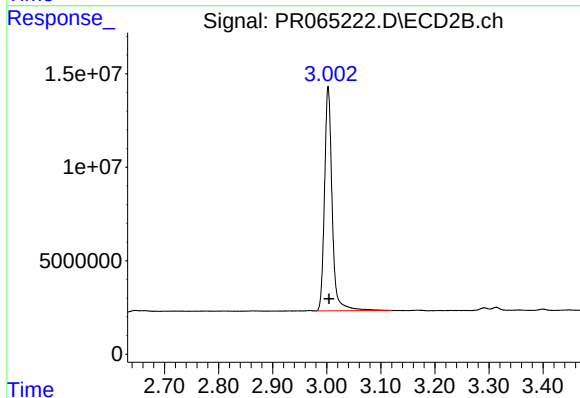
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

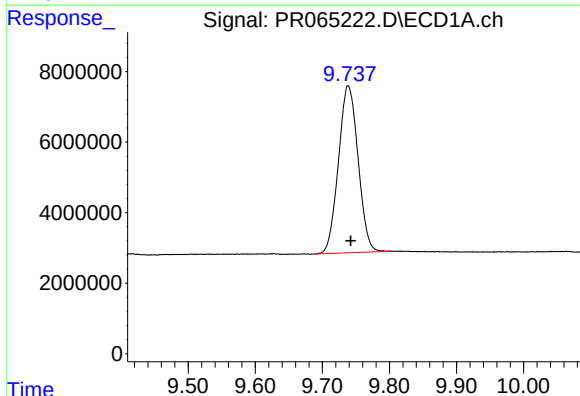
R.T.: 3.702 min
Delta R.T.: -0.001 min
Response: 129204064
Conc: 21.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



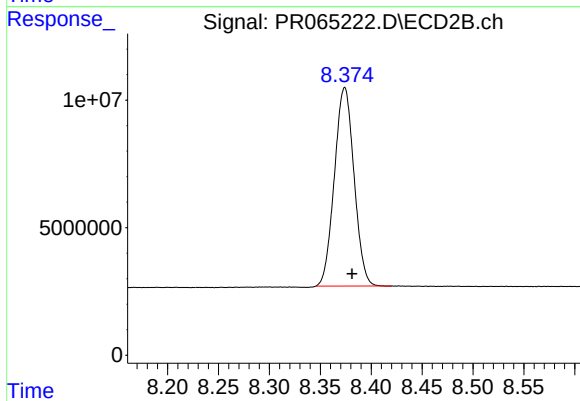
#1 Tetrachloro-m-xylene

R.T.: 3.003 min
Delta R.T.: -0.002 min
Response: 117722515
Conc: 21.52 ng/ml



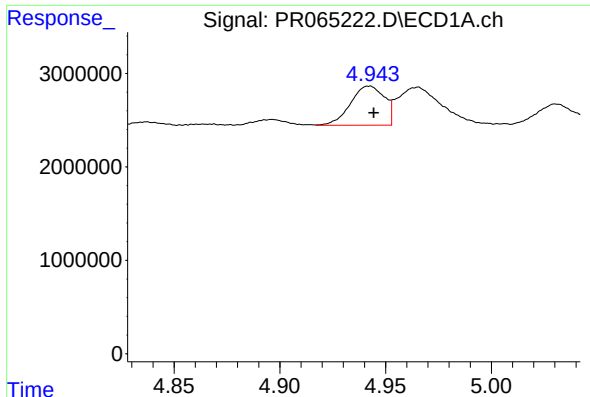
#2 Decachlorobiphenyl

R.T.: 9.739 min
Delta R.T.: -0.004 min
Response: 96316624
Conc: 24.08 ng/ml



#2 Decachlorobiphenyl

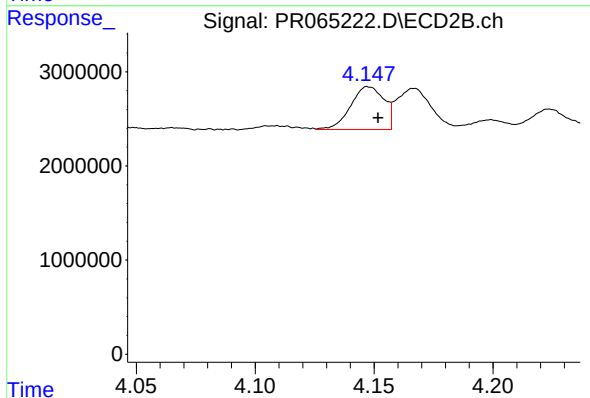
R.T.: 8.374 min
Delta R.T.: -0.007 min
Response: 104622128
Conc: 22.11 ng/ml



#3 AR-1016-1

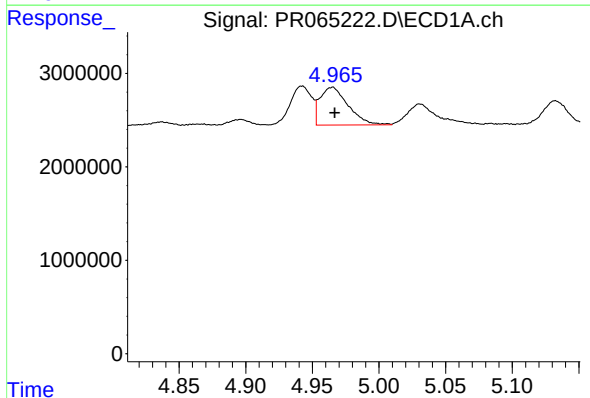
R.T.: 4.942 min
Delta R.T.: -0.002 min
Response: 4666627
Conc: 26.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



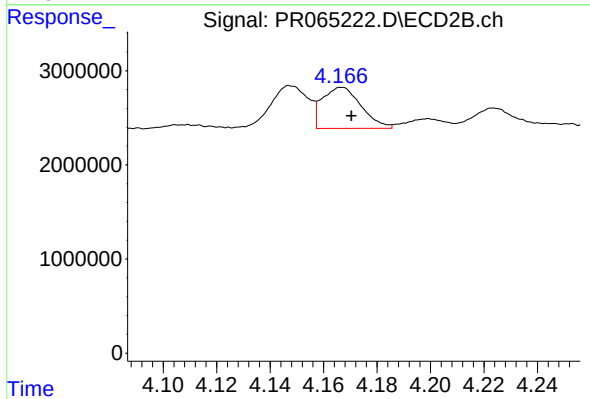
#3 AR-1016-1

R.T.: 4.148 min
Delta R.T.: -0.004 min
Response: 4421642
Conc: 24.35 ng/ml



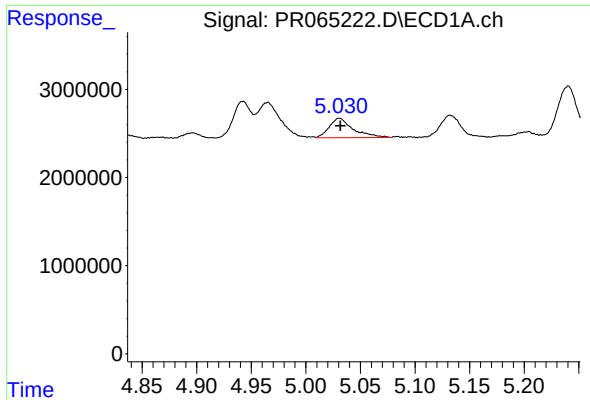
#4 AR-1016-2

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 5943146
Conc: 22.80 ng/ml



#4 AR-1016-2

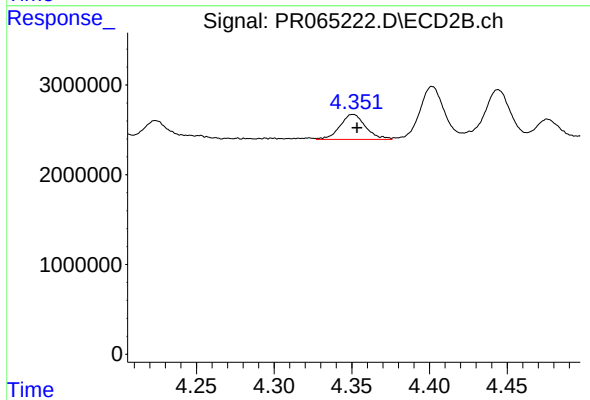
R.T.: 4.167 min
Delta R.T.: -0.004 min
Response: 4410724
Conc: 17.84 ng/ml



#5 AR-1016-3

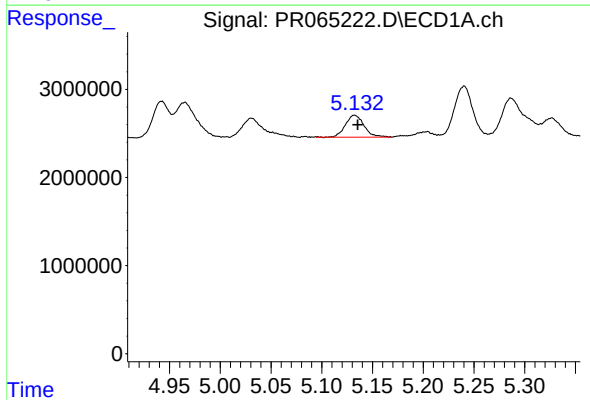
R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 3368222
Conc: 20.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



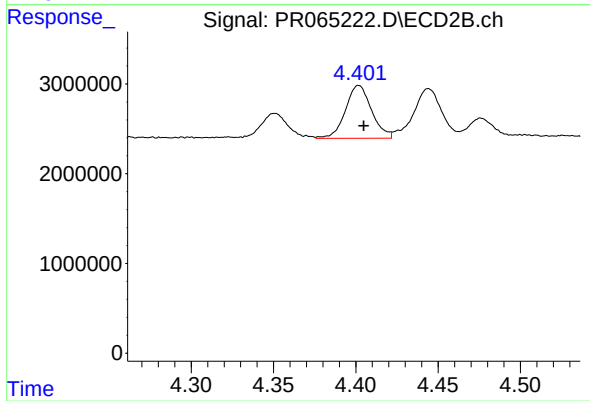
#5 AR-1016-3

R.T.: 4.351 min
Delta R.T.: -0.003 min
Response: 3201431
Conc: 23.61 ng/ml



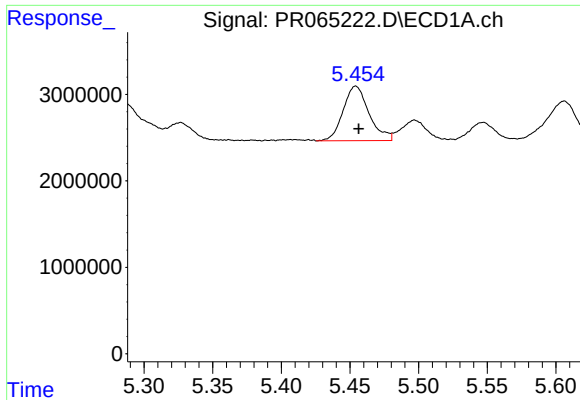
#6 AR-1016-4

R.T.: 5.132 min
Delta R.T.: -0.003 min
Response: 3193569
Conc: 23.82 ng/ml



#6 AR-1016-4

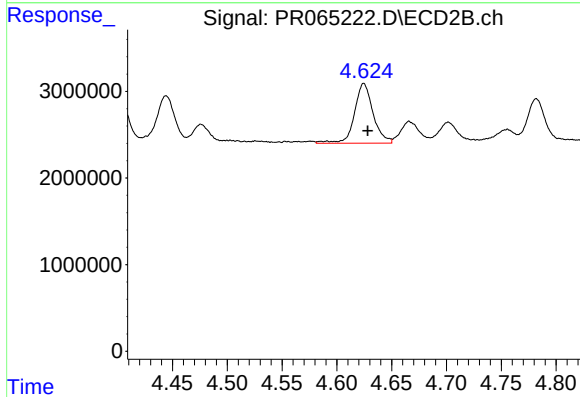
R.T.: 4.402 min
Delta R.T.: -0.003 min
Response: 6499735
Conc: 62.06 ng/ml



#7 AR-1016-5

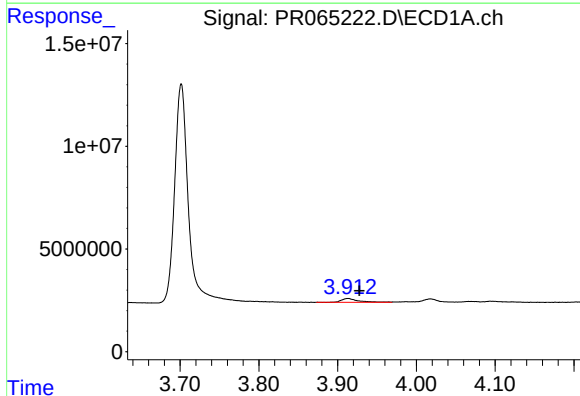
R.T.: 5.454 min
Delta R.T.: -0.002 min
Response: 8275415
Conc: 61.29 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



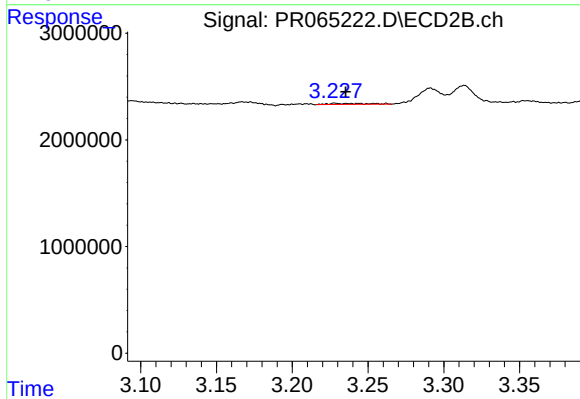
#7 AR-1016-5

R.T.: 4.625 min
Delta R.T.: -0.003 min
Response: 8187083
Conc: 58.69 ng/ml



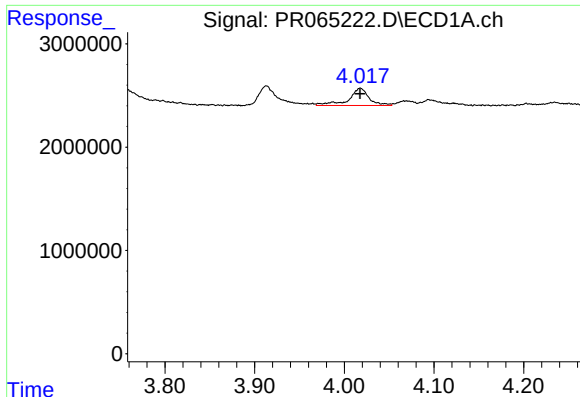
#8 AR-1221-1

R.T.: 3.913 min
Delta R.T.: -0.014 min
Response: 2831929
Conc: 39.46 ng/ml



#8 AR-1221-1

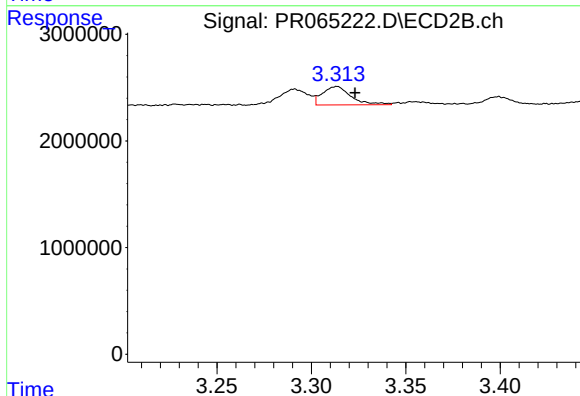
R.T.: 3.228 min
Delta R.T.: -0.007 min
Response: 177103
Conc: 2.86 ng/ml



#9 AR-1221-2

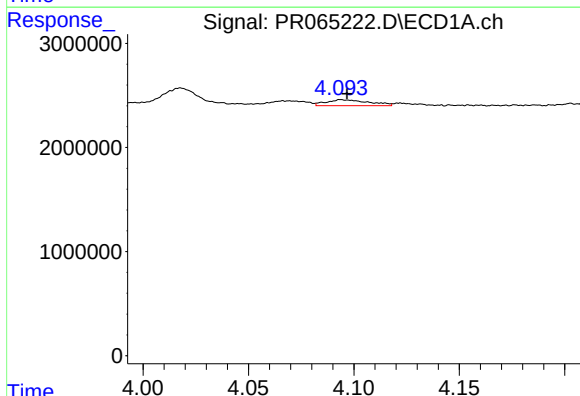
R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 2649234
Conc: 50.53 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



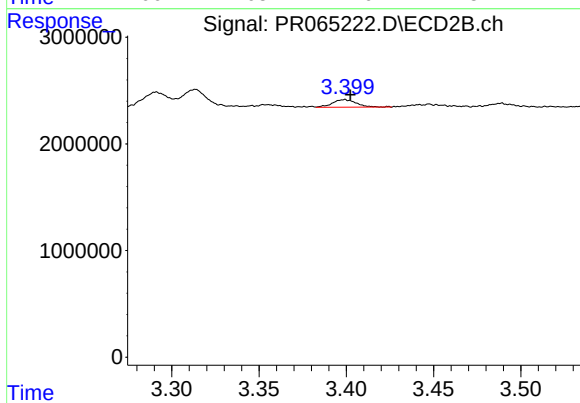
#9 AR-1221-2

R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 1815300
Conc: 38.06 ng/ml



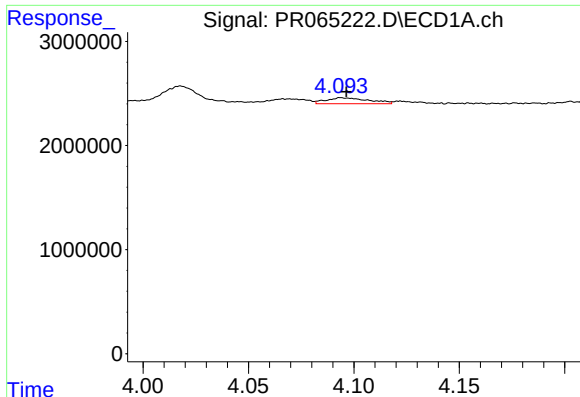
#10 AR-1221-3

R.T.: 4.094 min
Delta R.T.: -0.002 min
Response: 791206
Conc: 5.15 ng/ml



#10 AR-1221-3

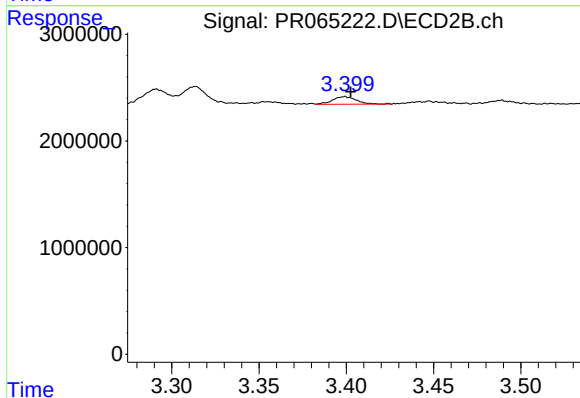
R.T.: 3.399 min
Delta R.T.: -0.004 min
Response: 673581
Conc: 4.88 ng/ml



#11 AR-1232-1

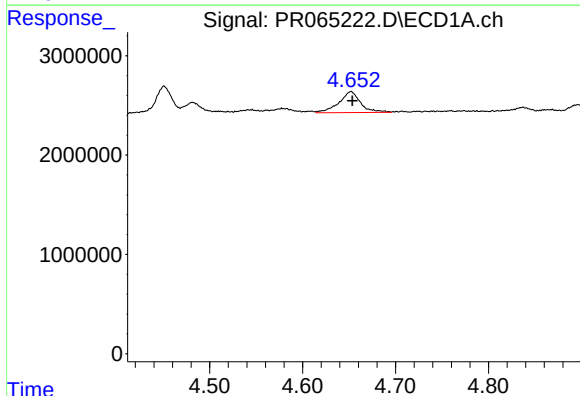
R.T.: 4.094 min
Delta R.T.: -0.002 min
Response: 791206
Conc: 5.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



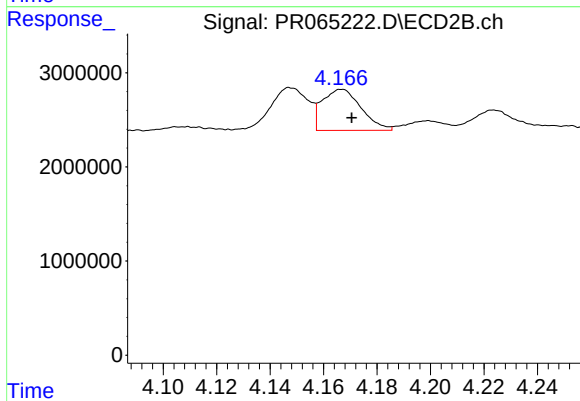
#11 AR-1232-1

R.T.: 3.399 min
Delta R.T.: -0.004 min
Response: 673581
Conc: 5.62 ng/ml



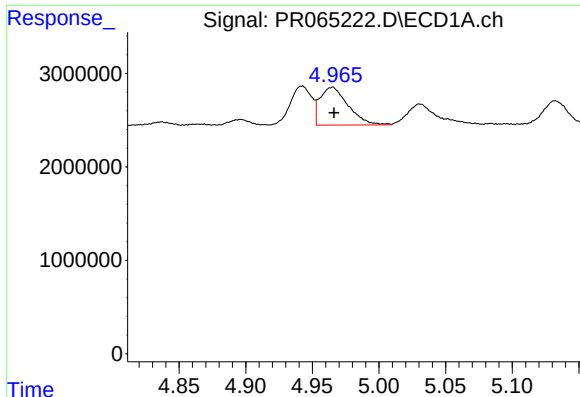
#12 AR-1232-2

R.T.: 4.652 min
Delta R.T.: -0.001 min
Response: 3421062
Conc: 44.41 ng/ml



#12 AR-1232-2

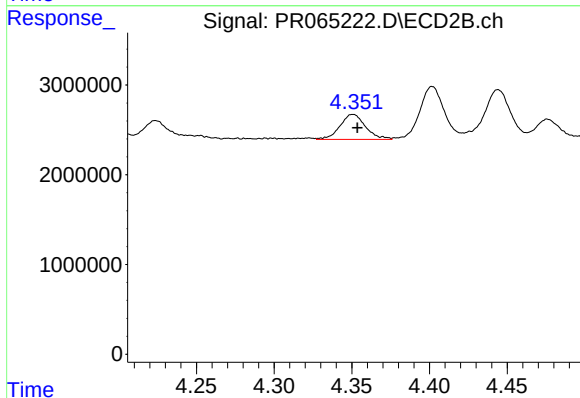
R.T.: 4.167 min
Delta R.T.: -0.004 min
Response: 4410724
Conc: 36.10 ng/ml



#13 AR-1232-3

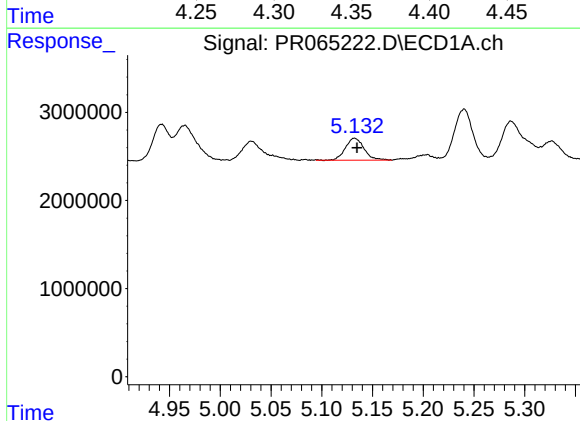
R.T.: 4.965 min
Delta R.T.: -0.001 min
Response: 5943146
Conc: 46.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



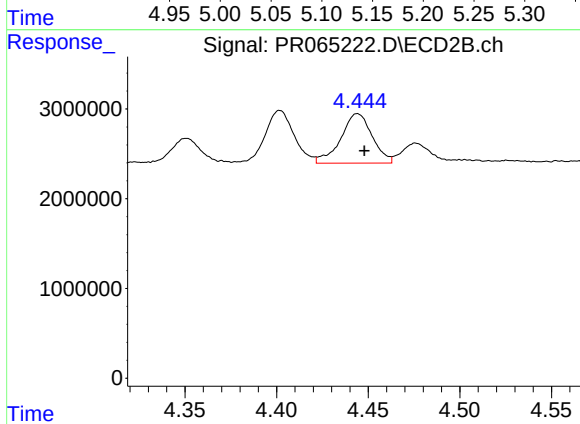
#13 AR-1232-3

R.T.: 4.351 min
Delta R.T.: -0.003 min
Response: 3201431
Conc: 48.13 ng/ml



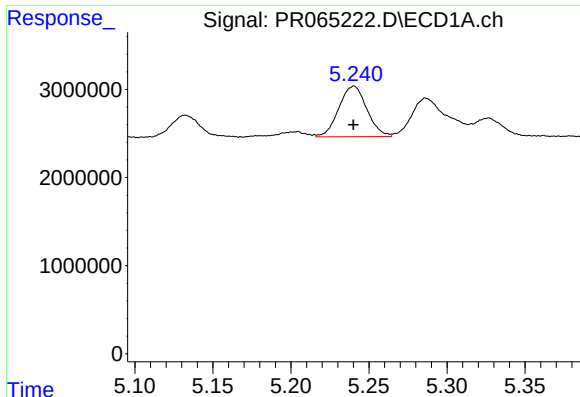
#14 AR-1232-4

R.T.: 5.132 min
Delta R.T.: -0.003 min
Response: 3193569
Conc: 48.72 ng/ml



#14 AR-1232-4

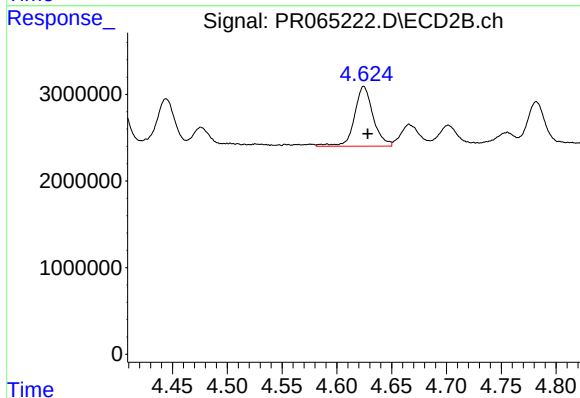
R.T.: 4.444 min
Delta R.T.: -0.004 min
Response: 6585306
Conc: 115.01 ng/ml



#15 AR-1232-5

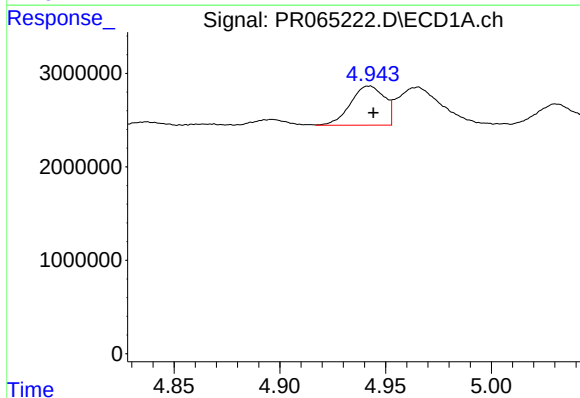
R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 7182886
Conc: 148.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



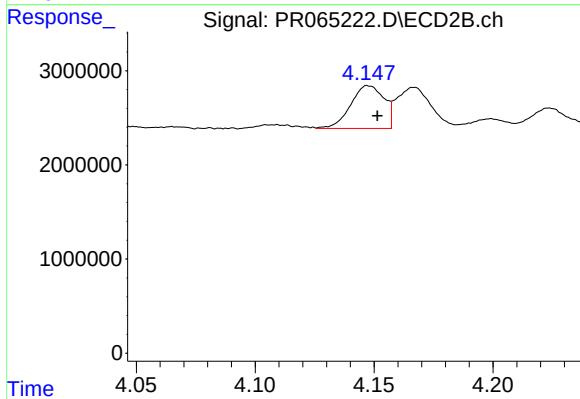
#15 AR-1232-5

R.T.: 4.625 min
Delta R.T.: -0.004 min
Response: 8187083
Conc: 128.44 ng/ml



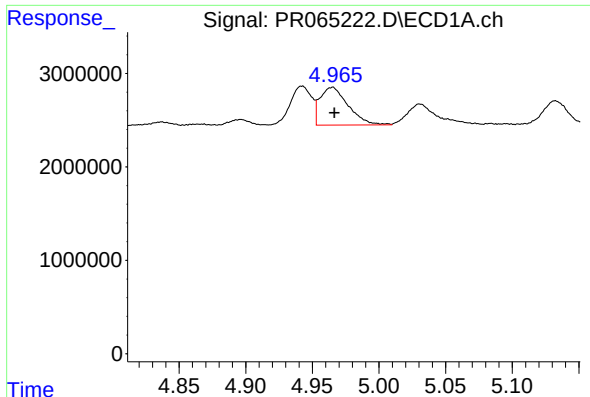
#16 AR-1242-1

R.T.: 4.942 min
Delta R.T.: -0.002 min
Response: 4666627
Conc: 32.64 ng/ml



#16 AR-1242-1

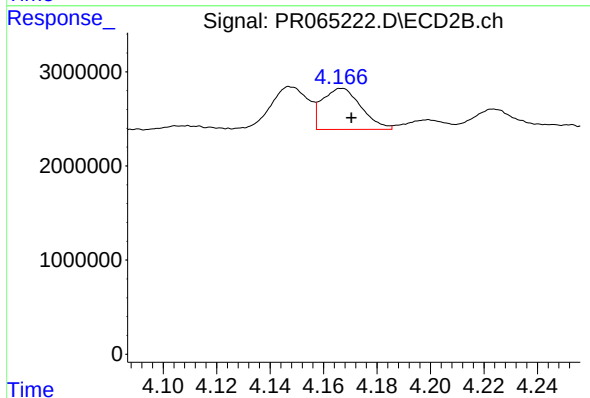
R.T.: 4.148 min
Delta R.T.: -0.004 min
Response: 4421642
Conc: 30.26 ng/ml



#17 AR-1242-2

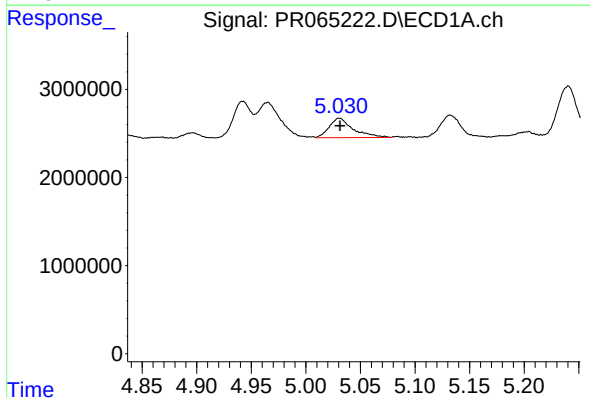
R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 5943146
Conc: 28.22 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



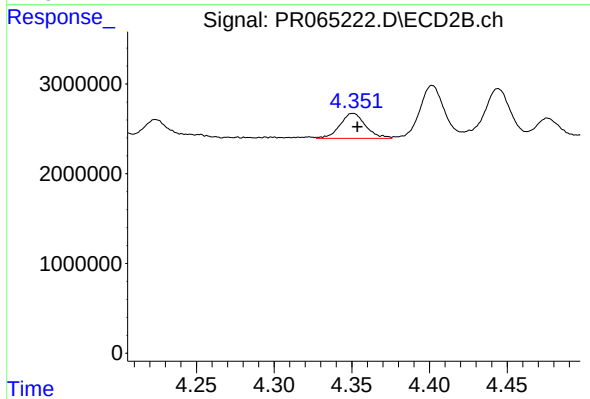
#17 AR-1242-2

R.T.: 4.167 min
Delta R.T.: -0.004 min
Response: 4410724
Conc: 22.11 ng/ml



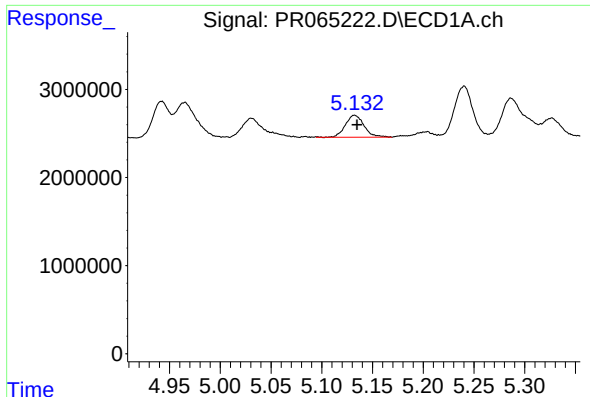
#18 AR-1242-3

R.T.: 5.031 min
Delta R.T.: 0.000 min
Response: 3368222
Conc: 24.87 ng/ml



#18 AR-1242-3

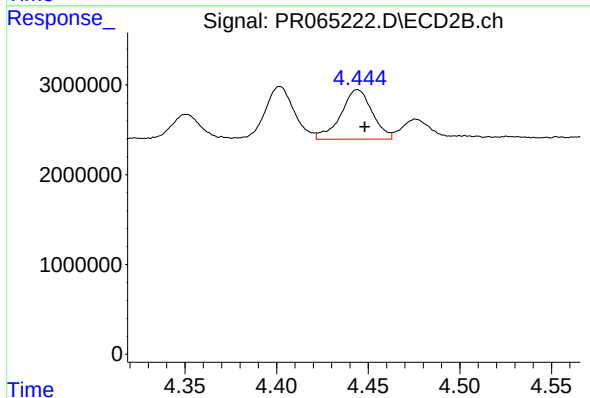
R.T.: 4.351 min
Delta R.T.: -0.003 min
Response: 3201431
Conc: 29.24 ng/ml



#19 AR-1242-4

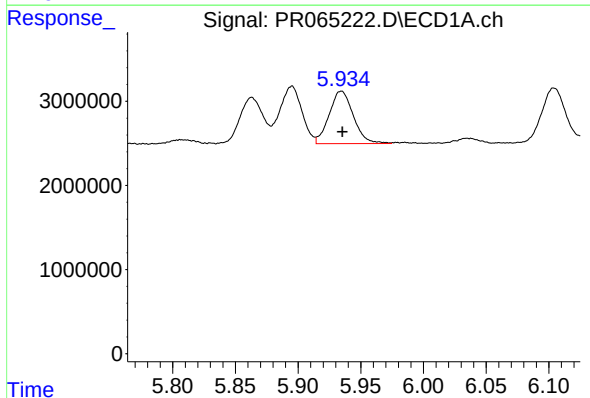
R.T.: 5.132 min
Delta R.T.: -0.003 min
Response: 3193569
Conc: 29.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



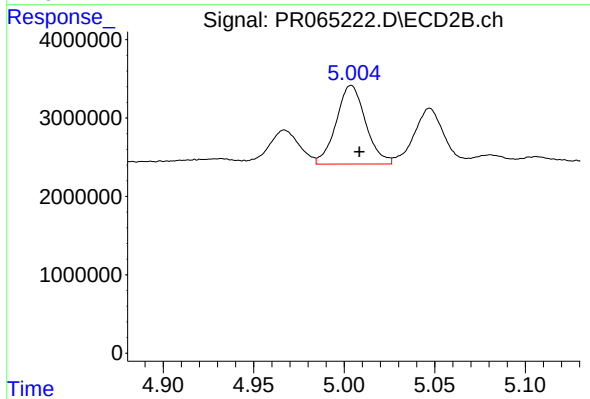
#19 AR-1242-4

R.T.: 4.444 min
Delta R.T.: -0.004 min
Response: 6585306
Conc: 62.73 ng/ml



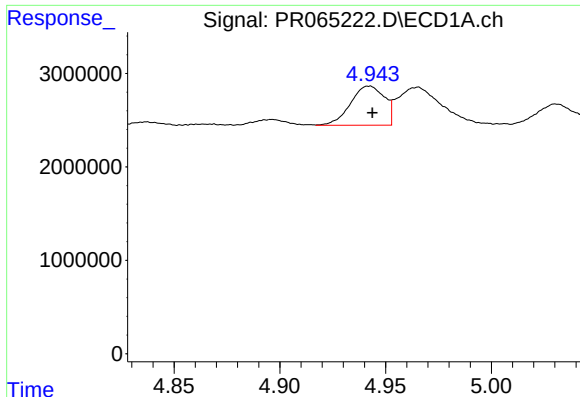
#20 AR-1242-5

R.T.: 5.934 min
Delta R.T.: -0.001 min
Response: 8378084
Conc: 74.06 ng/ml



#20 AR-1242-5

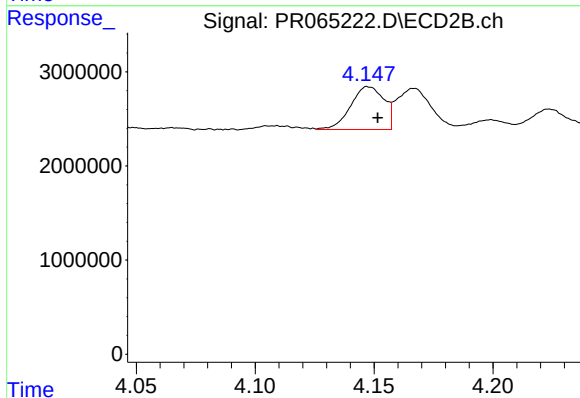
R.T.: 5.004 min
Delta R.T.: -0.005 min
Response: 11362597
Conc: 84.15 ng/ml



#21 AR-1248-1

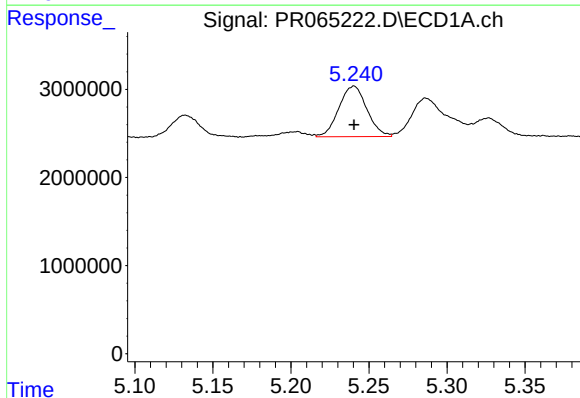
R.T.: 4.942 min
Delta R.T.: -0.002 min
Response: 4666627
Conc: 43.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



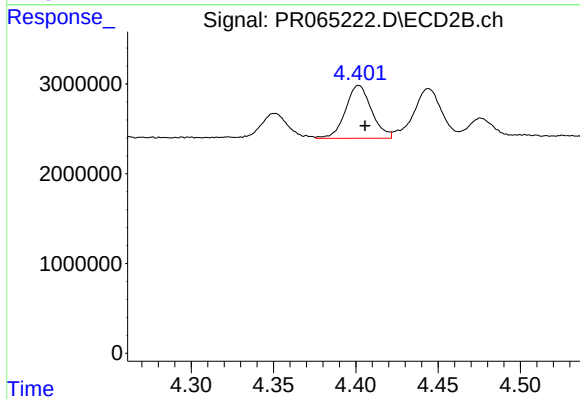
#21 AR-1248-1

R.T.: 4.148 min
Delta R.T.: -0.004 min
Response: 4421642
Conc: 40.93 ng/ml



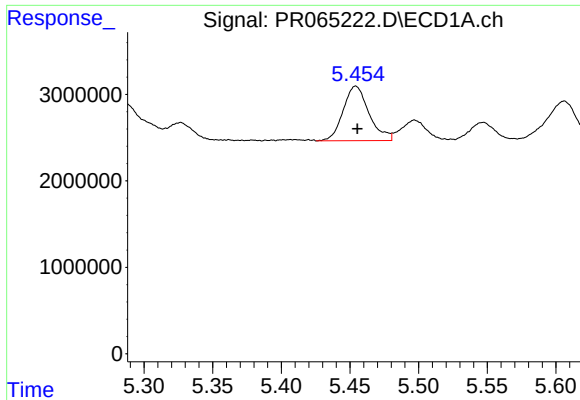
#22 AR-1248-2

R.T.: 5.240 min
Delta R.T.: 0.000 min
Response: 7182886
Conc: 46.23 ng/ml



#22 AR-1248-2

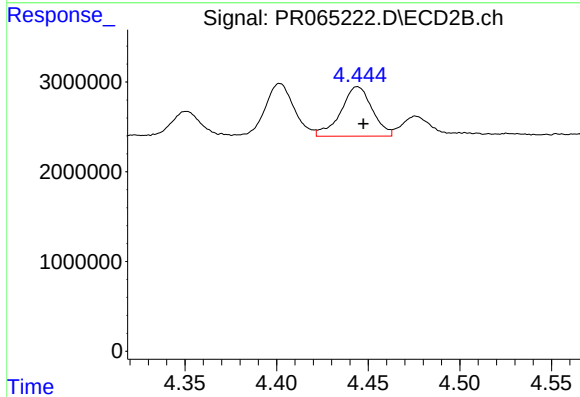
R.T.: 4.402 min
Delta R.T.: -0.004 min
Response: 6499735
Conc: 44.88 ng/ml



#23 AR-1248-3

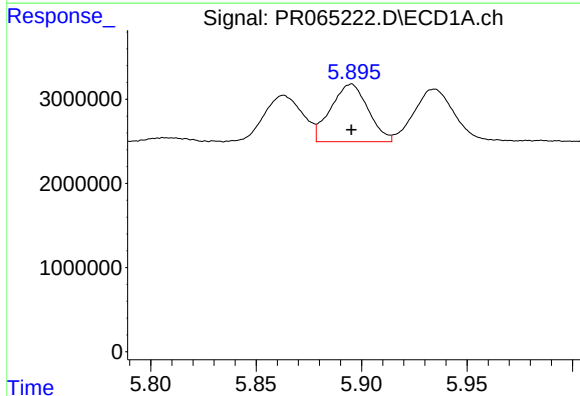
R.T.: 5.454 min
Delta R.T.: -0.001 min
Response: 8275415
Conc: 46.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



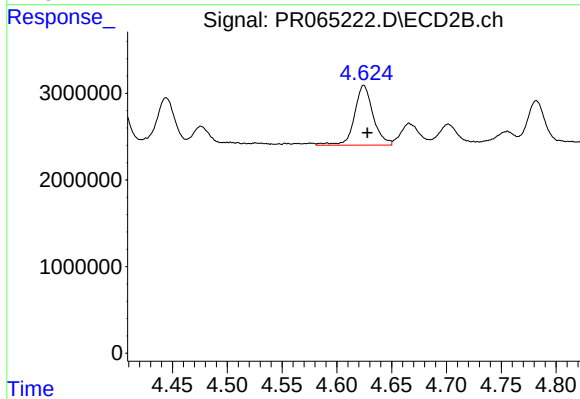
#23 AR-1248-3

R.T.: 4.444 min
Delta R.T.: -0.003 min
Response: 6585306
Conc: 42.56 ng/ml



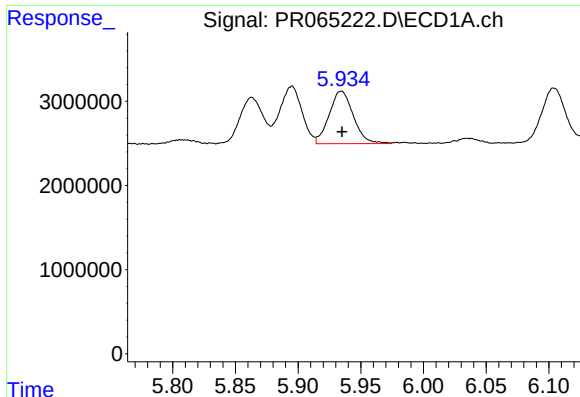
#24 AR-1248-4

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 8448573
Conc: 44.56 ng/ml



#24 AR-1248-4

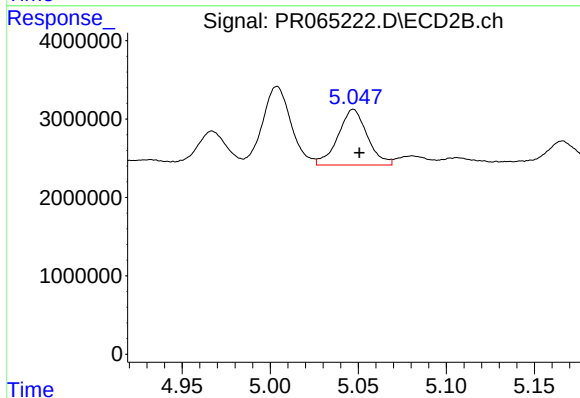
R.T.: 4.625 min
Delta R.T.: -0.003 min
Response: 8187083
Conc: 43.72 ng/ml



#25 AR-1248-5

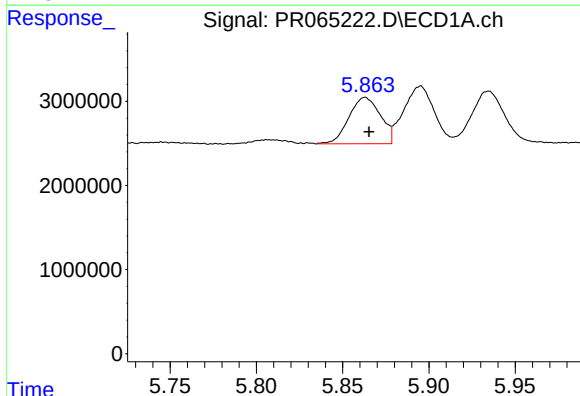
R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 8378084
Conc: 43.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



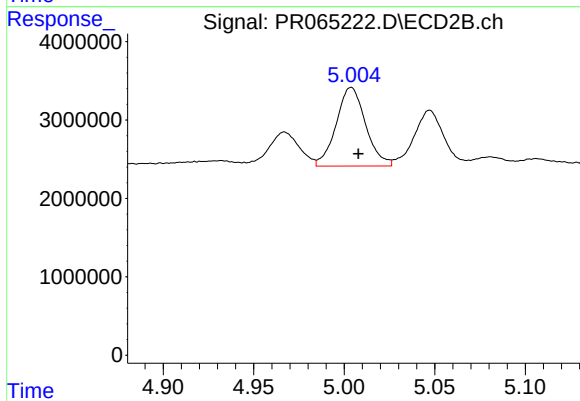
#25 AR-1248-5

R.T.: 5.047 min
Delta R.T.: -0.003 min
Response: 8216113
Conc: 44.14 ng/ml



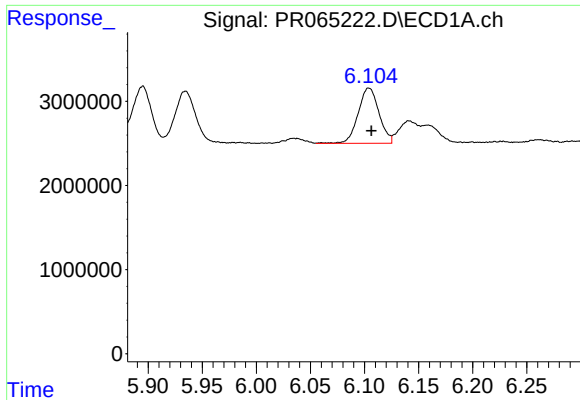
#26 AR-1254-1

R.T.: 5.863 min
Delta R.T.: -0.002 min
Response: 7016864
Conc: 34.26 ng/ml



#26 AR-1254-1

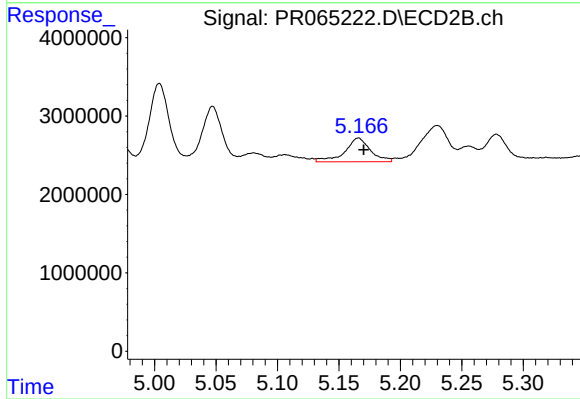
R.T.: 5.004 min
Delta R.T.: -0.004 min
Response: 11362597
Conc: 38.99 ng/ml



#27 AR-1254-2

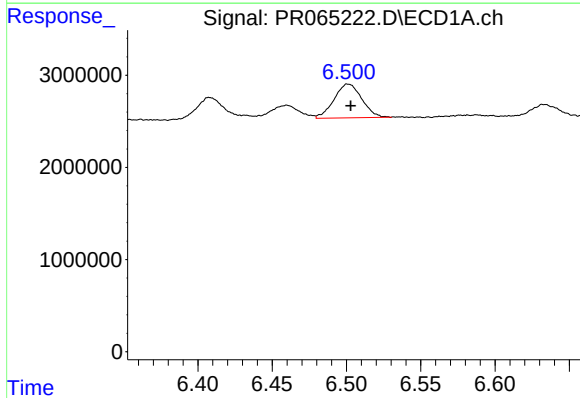
R.T.: 6.104 min
Delta R.T.: -0.002 min
Response: 8767831
Conc: 28.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



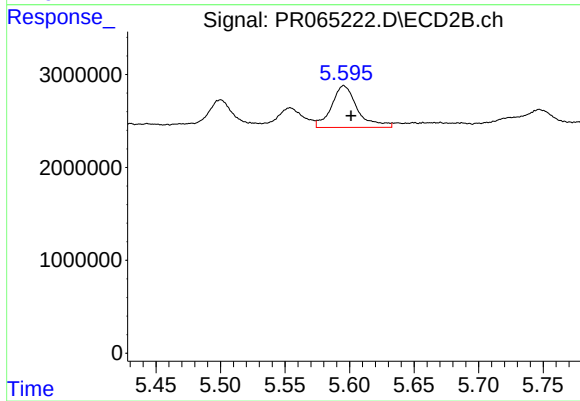
#27 AR-1254-2

R.T.: 5.166 min
Delta R.T.: -0.004 min
Response: 4373738
Conc: 17.27 ng/ml



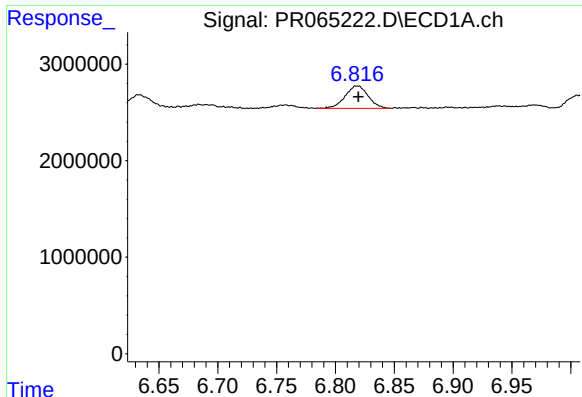
#28 AR-1254-3

R.T.: 6.501 min
Delta R.T.: -0.002 min
Response: 4770905
Conc: 14.91 ng/ml



#28 AR-1254-3

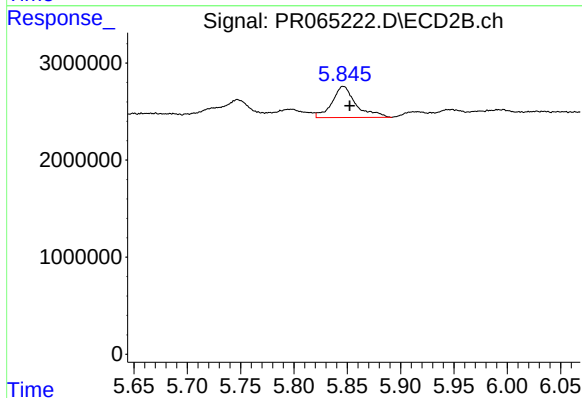
R.T.: 5.596 min
Delta R.T.: -0.005 min
Response: 6285499
Conc: 15.36 ng/ml



#29 AR-1254-4

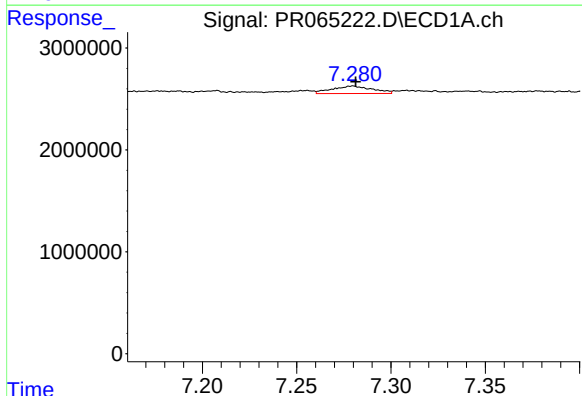
R.T.: 6.819 min
Delta R.T.: -0.001 min
Response: 3191477
Conc: 13.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



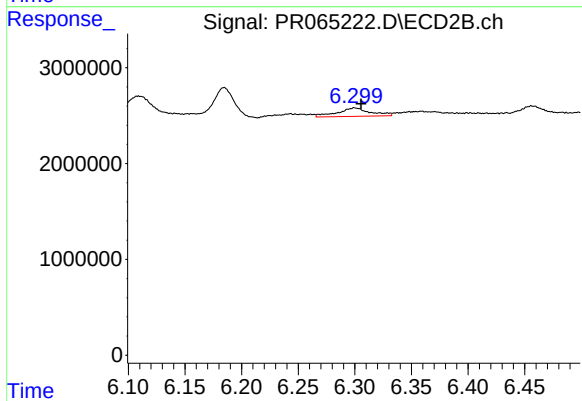
#29 AR-1254-4

R.T.: 5.846 min
Delta R.T.: -0.006 min
Response: 5025625
Conc: 19.58 ng/ml



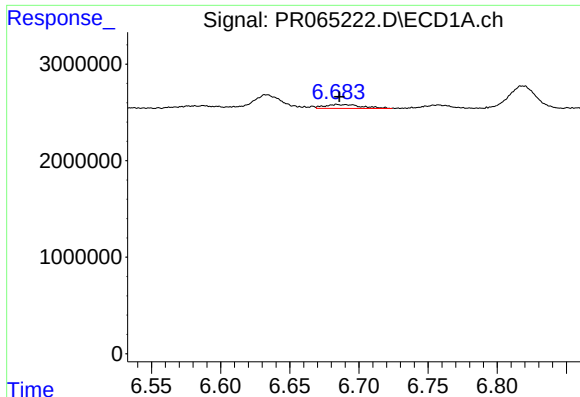
#30 AR-1254-5

R.T.: 7.280 min
Delta R.T.: -0.002 min
Response: 1090878
Conc: 4.39 ng/ml



#30 AR-1254-5

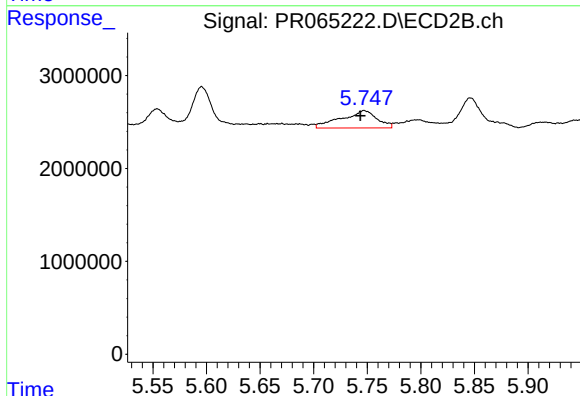
R.T.: 6.300 min
Delta R.T.: -0.006 min
Response: 1771307
Conc: 4.83 ng/ml



#31 AR-1260-1

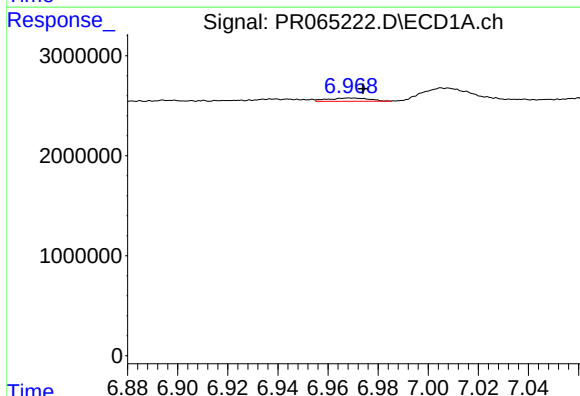
R.T.: 6.684 min
Delta R.T.: -0.002 min
Response: 750706
Conc: 2.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



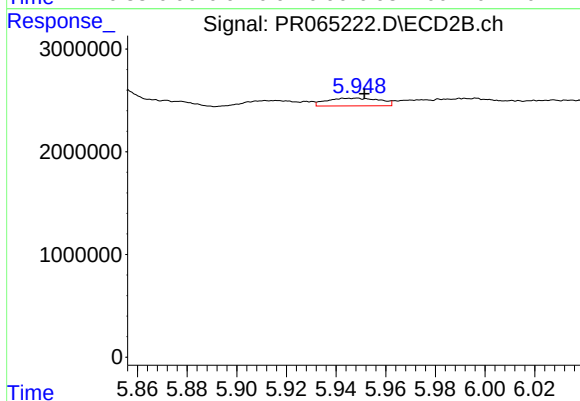
#31 AR-1260-1

R.T.: 5.747 min
Delta R.T.: 0.004 min
Response: 4363537
Conc: 15.29 ng/ml



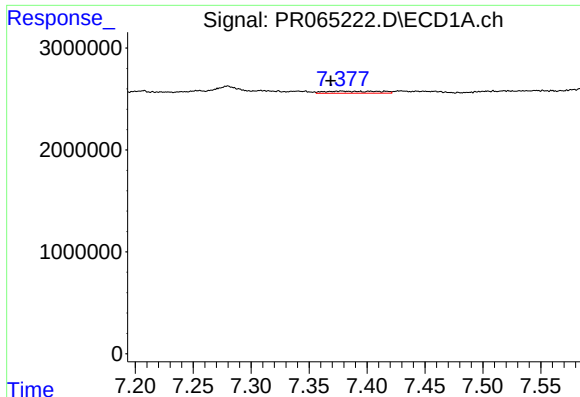
#32 AR-1260-2

R.T.: 6.969 min
Delta R.T.: -0.005 min
Response: 378299
Conc: 1.32 ng/ml



#32 AR-1260-2

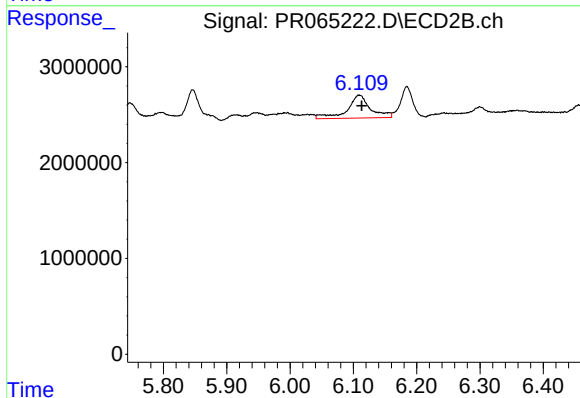
R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 1120062
Conc: 3.23 ng/ml



#33 AR-1260-3

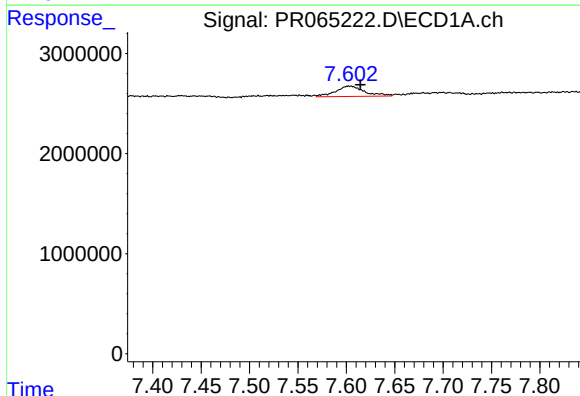
R.T.: 7.378 min
Delta R.T.: 0.010 min
Response: 646322
Conc: 3.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



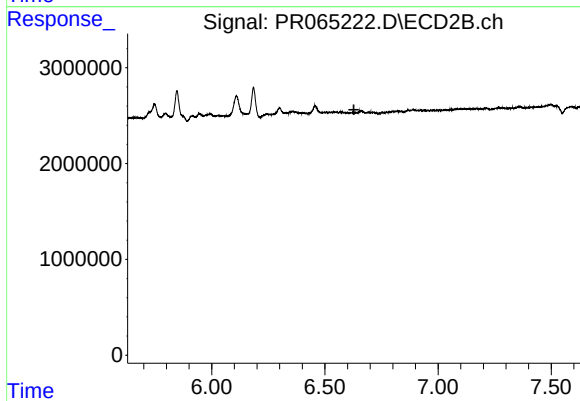
#33 AR-1260-3

R.T.: 6.109 min
Delta R.T.: -0.004 min
Response: 6130236
Conc: 18.87 ng/ml



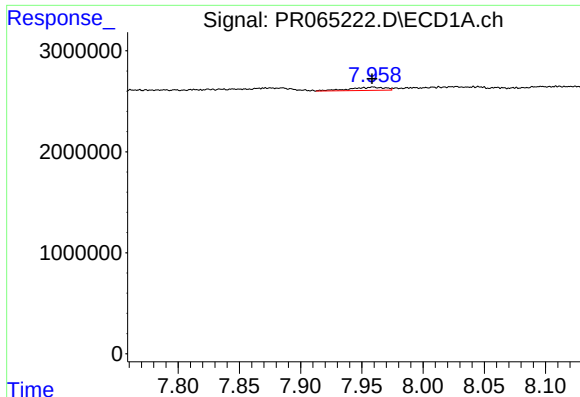
#34 AR-1260-4

R.T.: 7.603 min
Delta R.T.: -0.012 min
Response: 2165545
Conc: 9.18 ng/ml



#34 AR-1260-4

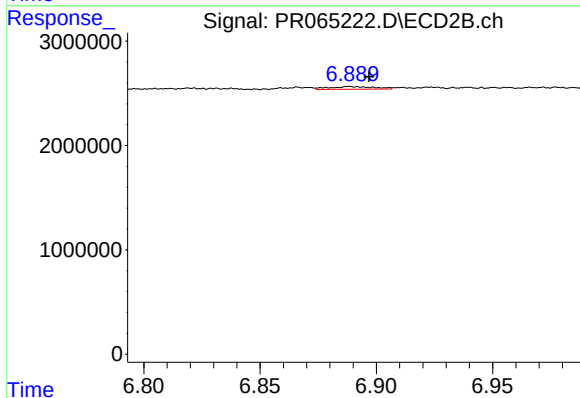
R.T.: 0.000 min
Exp R.T.: 6.628 min
Response: 0
Conc: N.D.



#35 AR-1260-5

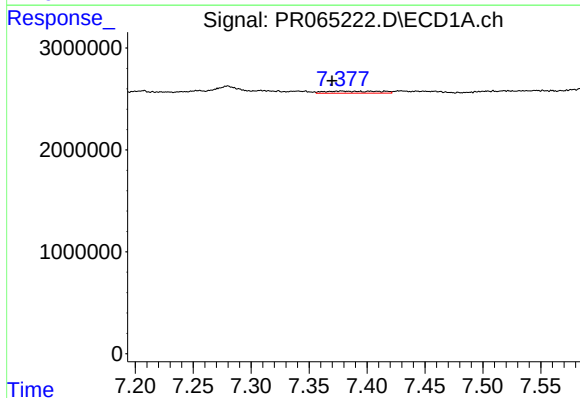
R.T.: 7.959 min
Delta R.T.: 0.000 min
Response: 631882
Conc: 1.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



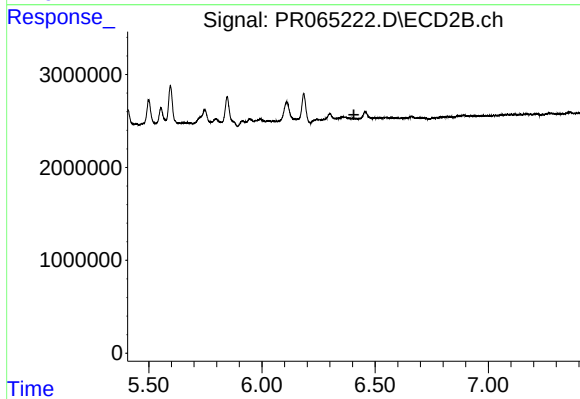
#35 AR-1260-5

R.T.: 6.889 min
Delta R.T.: -0.008 min
Response: 357157
Conc: 0.58 ng/ml



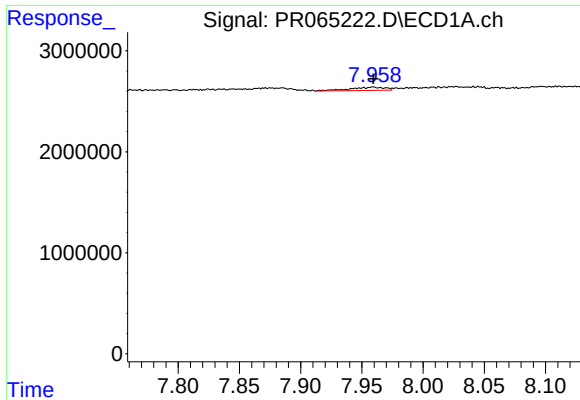
#36 AR-1262-1

R.T.: 7.378 min
Delta R.T.: 0.008 min
Response: 646322
Conc: 1.91 ng/ml



#36 AR-1262-1

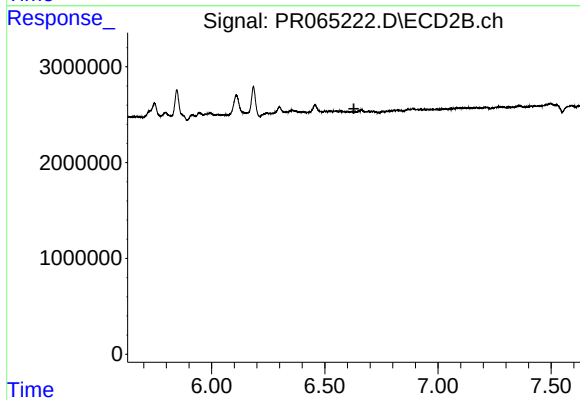
R.T.: 0.000 min
Exp R.T. : 6.406 min
Response: 0
Conc: N.D.



#37 AR-1262-2

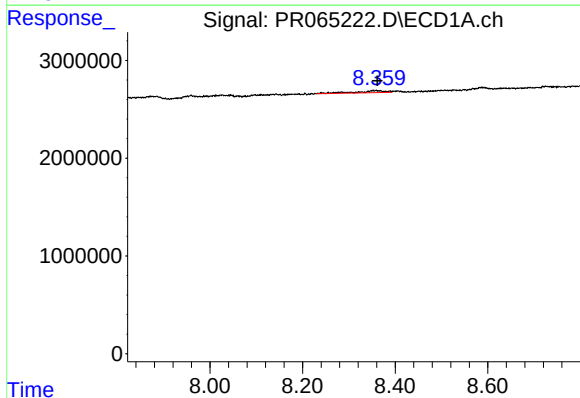
R.T.: 7.959 min
Delta R.T.: 0.000 min
Response: 631882
Conc: 1.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



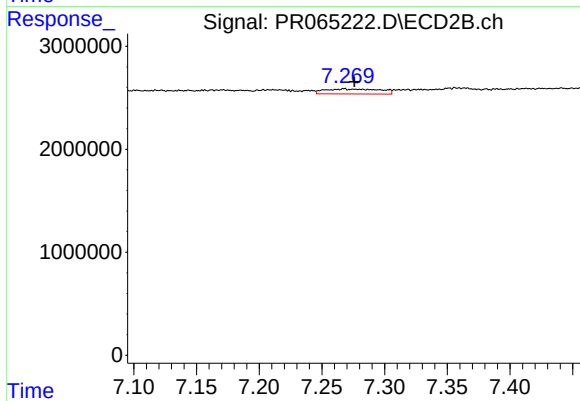
#37 AR-1262-2

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



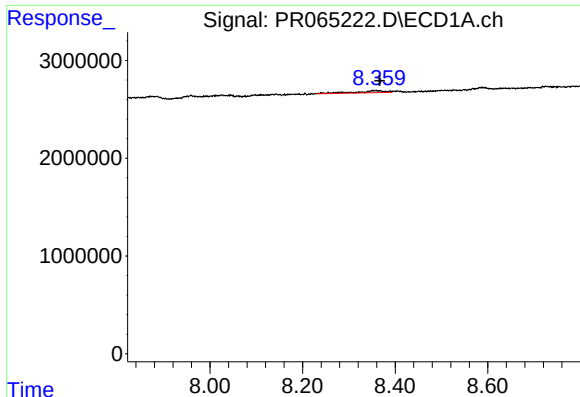
#39 AR-1262-4

R.T.: 8.358 min
Delta R.T.: -0.003 min
Response: 876499
Conc: 2.99 ng/ml



#39 AR-1262-4

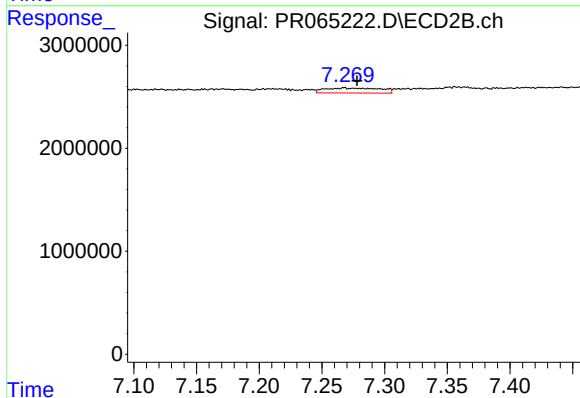
R.T.: 7.268 min
Delta R.T.: -0.008 min
Response: 1484079
Conc: 2.58 ng/ml



#42 AR-1268-2

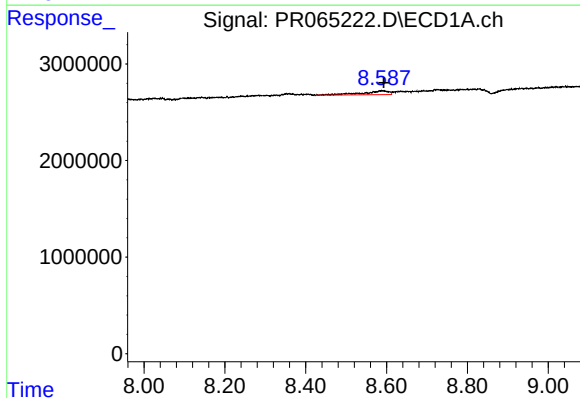
R.T.: 8.358 min
Delta R.T.: -0.008 min
Response: 876499
Conc: 1.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



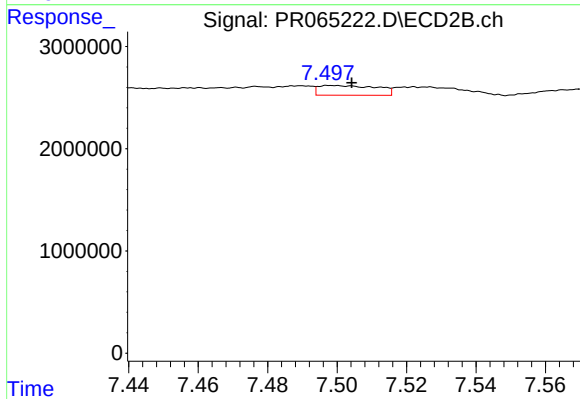
#42 AR-1268-2

R.T.: 7.268 min
Delta R.T.: -0.010 min
Response: 1484079
Conc: 1.99 ng/ml



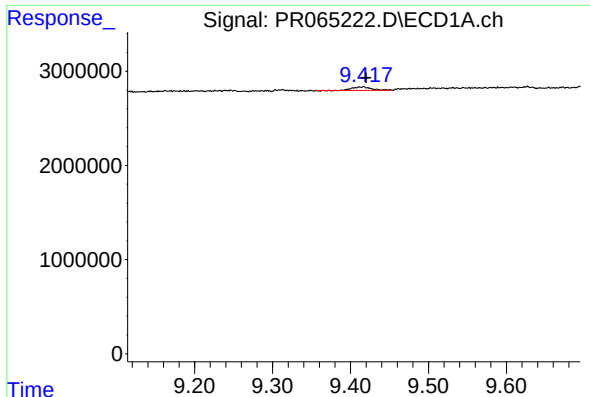
#43 AR-1268-3

R.T.: 8.588 min
Delta R.T.: -0.005 min
Response: 1752454
Conc: 3.69 ng/ml



#43 AR-1268-3

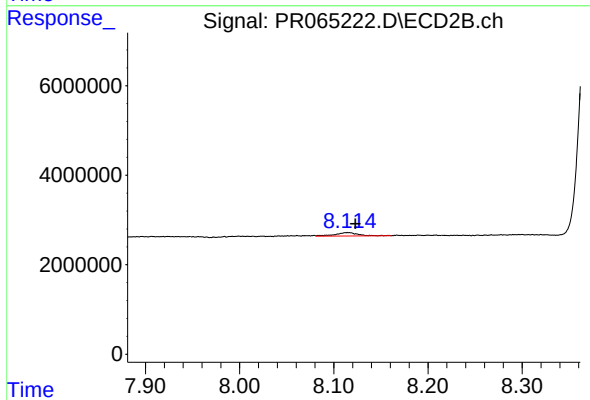
R.T.: 7.499 min
Delta R.T.: -0.005 min
Response: 1120421
Conc: 1.77 ng/ml



#45 AR-1268-5

R.T.: 9.415 min
Delta R.T.: -0.005 min
Response: 631664
Conc: 0.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



#45 AR-1268-5

R.T.: 8.114 min
Delta R.T.: -0.009 min
Response: 1288189
Conc: 0.67 ng/ml