

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081424\
 Data File : PR068250.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2024 01:48
 Operator : AJ\MA
 Sample : P3391-03
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 MDL-SOIL-QT3-2024-05

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 07:57:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081424CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 14 07:30:34 2024
 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...	3.676	3.009	41248162	100.1E6	17.325	18.406
2)	SA Decachlor...	9.581	8.324	95722136	109.3E6	38.172	38.774
Target Compounds							
3)	L1 AR-1016-1	4.898	4.139	1135615	4342210	21.587	24.199
4)	L1 AR-1016-2	4.922	4.158	2214160	5947028	22.511	23.626
5)	L1 AR-1016-3	4.985	4.339	1421193	3177130	22.105	23.187
6)	L1 AR-1016-4	5.087	4.390	1115757	2770329	20.940	24.772
7)	L1 AR-1016-5	5.402	4.610	807742	3585838	19.104	24.498 #
8)	L2 AR-1221-1	0.000	3.233	0	591274	N.D.	9.426 #
9)	L2 AR-1221-2	3.988	3.317	1019380	1649440	56.159	37.430 #
10)	L2 AR-1221-3	4.063	3.400	1148024	2251005	18.882	15.721
11)	L3 AR-1232-1	4.063	3.400	1148024	2251005	24.310	19.880
12)	L3 AR-1232-2	4.613	4.158	1596553	5947028	69.027	52.191
13)	L3 AR-1232-3	4.922	4.339	2214160	3177130	48.493	51.923
14)	L3 AR-1232-4	5.087	4.432	1115757	3362251	48.225	60.502 #
15)	L3 AR-1232-5	5.191	4.610	971727	3585838	89.687	59.917 #
16)	L4 AR-1242-1	4.898	4.139	1135615	4342210	25.620	28.441
17)	L4 AR-1242-2	4.922	4.158	2214160	5947028	26.701	28.006
18)	L4 AR-1242-3	4.985	4.339	1421193	3177130	26.321	27.440
19)	L4 AR-1242-4	5.087	4.432	1115757	3362251	24.478	29.184
20)	L4 AR-1242-5	5.877	4.984	600465	3650722	12.683	24.728 #
21)	L5 AR-1248-1	4.898	4.139	1135615	4342210	33.876	38.678
22)	L5 AR-1248-2	5.191	4.390	971727	2770329	23.903	16.642 #
23)	L5 AR-1248-3	5.402	4.432	807742	3362251	13.753	19.835 #
24)	L5 AR-1248-4	5.808	4.610	1607652	3585838	23.590	17.605 #
25)	L5 AR-1248-5	5.877	5.026	600465	853849	7.643	4.270 #
26)	L6 AR-1254-1	5.808	4.984	1607652	3650722	26.766	11.909 #
27)	L6 AR-1254-2	6.045	5.146	1160464	2663080	11.633	9.769
28)	L6 AR-1254-3	6.432	5.571	1184412	1226073	9.167	2.831 #
29)	L6 AR-1254-4	0.000	5.817	0	430410	N.D.	1.618 #
30)	L6 AR-1254-5	7.198	6.268	5039856	9962556	40.151	25.300 #
31)	L7 AR-1260-1	6.615	5.714	2088922	7988452	26.006	26.231
32)	L7 AR-1260-2	6.897	5.920	4126263	9771251	28.333	26.461
33)	L7 AR-1260-3	7.288	6.080	4923597	9186639	29.883	26.913
34)	L7 AR-1260-4	7.529	6.591	3696045	7391071	27.343	25.076
35)	L7 AR-1260-5	7.867	6.856	12088103	16187914	25.787	24.041
36)	L8 AR-1262-1	7.288	6.314	4923597	7959869	21.041	19.362
37)	L8 AR-1262-2	7.867	6.856	12088103	16187914	23.336	22.214
38)	L8 AR-1262-3	8.178	7.164	6455017	7181810	18.174	24.484 #
39)	L8 AR-1262-4	8.259	7.231	4533731	12488343	15.163	22.994 #
40)	L8 AR-1262-5	8.884	7.772	3372910	4303192	15.661	17.166
41)	L9 AR-1268-1	8.178	7.164	6455017	7181810	8.397	7.977

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081424\
Data File : PR068250.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Aug 2024 01:48
Operator : AJ\MA
Sample : P3391-03
Misc : AR1660 MDL 25 PPB
ALS Vial : 49 Sample Multiplier: 1

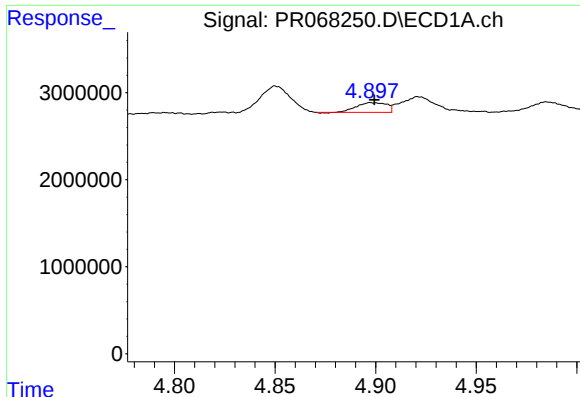
Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 07:57:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR081424CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 14 07:30:34 2024
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
42) L9	AR-1268-2	8.259	7.231	4533731	12488343	6.562	15.150 #
43) L9	AR-1268-3	8.476	7.460	936266	368706	1.439	0.529 #
44) L9	AR-1268-4	8.884	7.772	3372910	4303192	13.281	14.345
45) L9	AR-1268-5	9.272	8.070	2289757	2051333	1.226	0.982

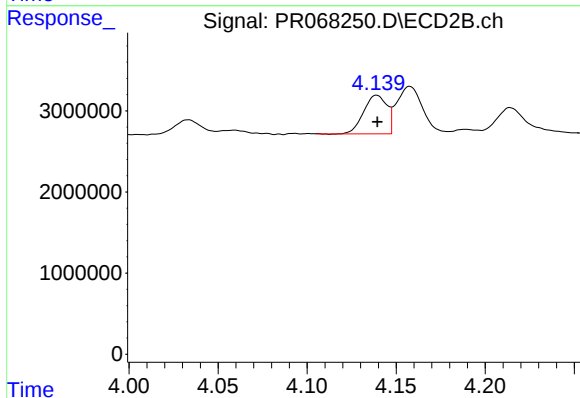
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

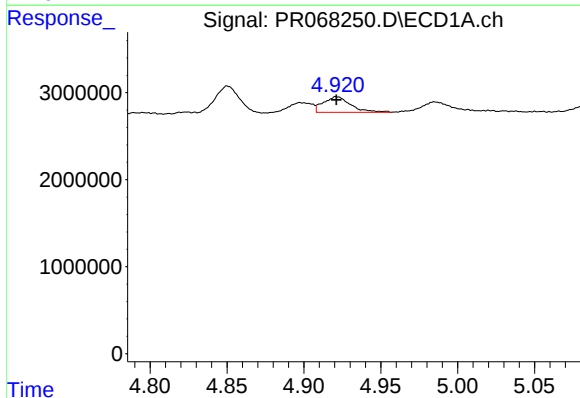
R.T.: 4.898 min
Delta R.T.: 0.000 min
Response: 1135615
Conc: 21.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



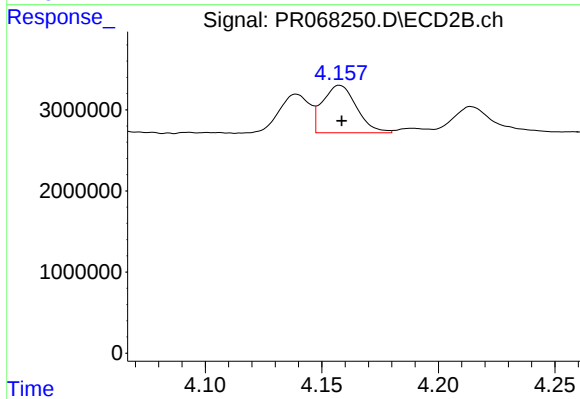
#3 AR-1016-1

R.T.: 4.139 min
Delta R.T.: 0.000 min
Response: 4342210
Conc: 24.20 ng/ml



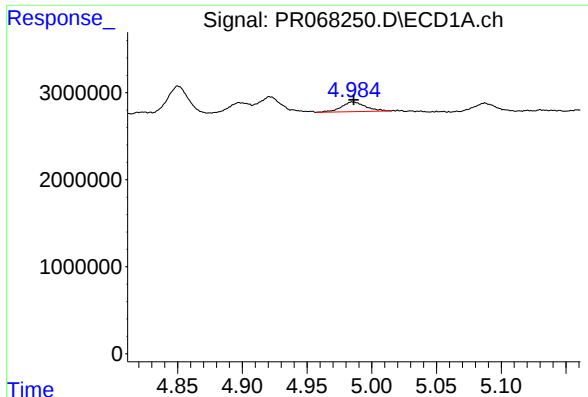
#4 AR-1016-2

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 2214160
Conc: 22.51 ng/ml



#4 AR-1016-2

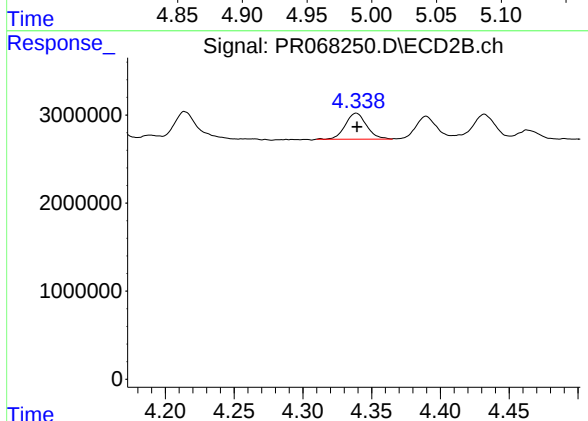
R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 5947028
Conc: 23.63 ng/ml



#5 AR-1016-3

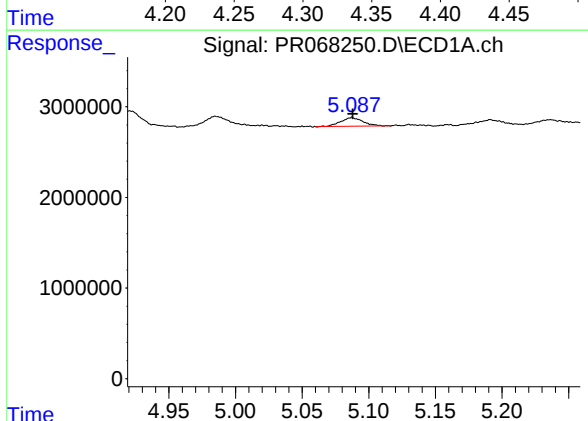
R.T.: 4.985 min
Delta R.T.: 0.000 min
Response: 1421193
Conc: 22.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



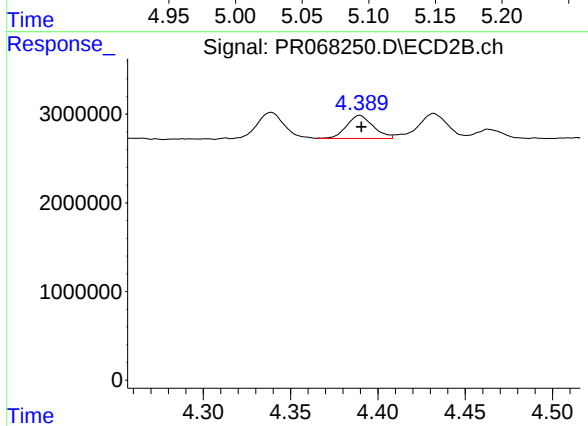
#5 AR-1016-3

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 3177130
Conc: 23.19 ng/ml



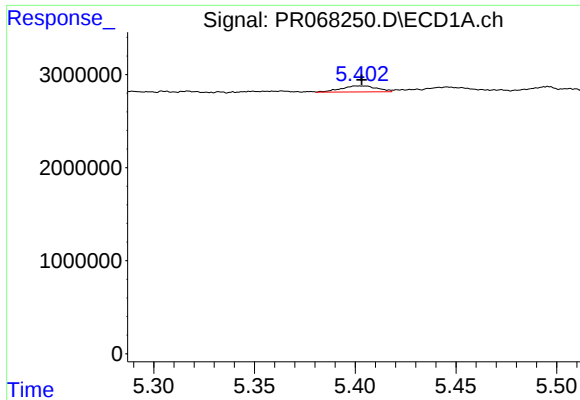
#6 AR-1016-4

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 1115757
Conc: 20.94 ng/ml



#6 AR-1016-4

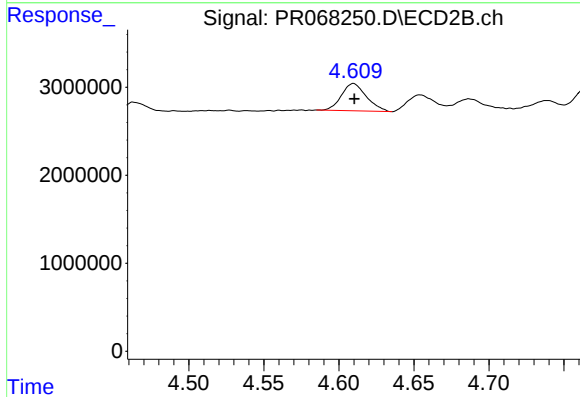
R.T.: 4.390 min
Delta R.T.: 0.000 min
Response: 2770329
Conc: 24.77 ng/ml



#7 AR-1016-5

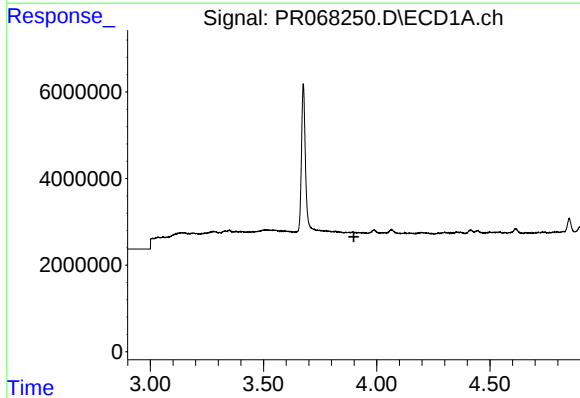
R.T.: 5.402 min
Delta R.T.: 0.000 min
Response: 807742
Conc: 19.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



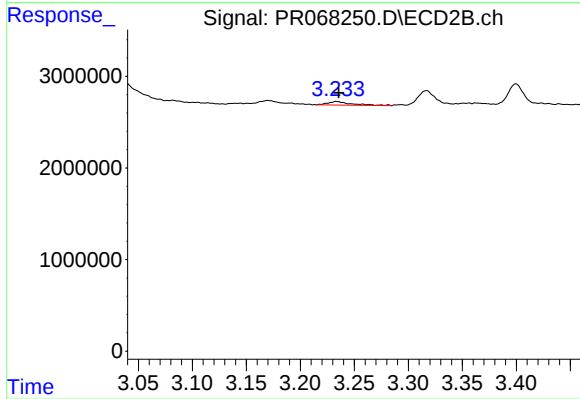
#7 AR-1016-5

R.T.: 4.610 min
Delta R.T.: 0.000 min
Response: 3585838
Conc: 24.50 ng/ml



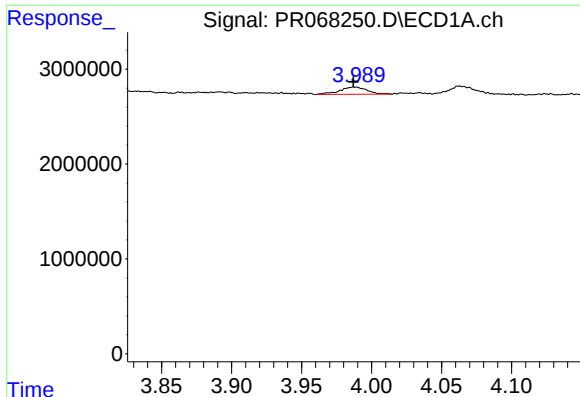
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.899 min
Response: 0
Conc: N.D.



#8 AR-1221-1

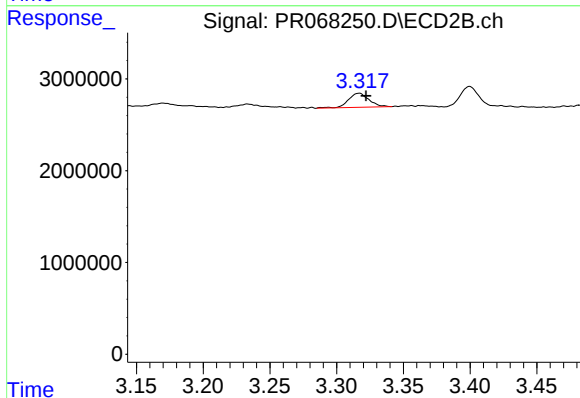
R.T.: 3.233 min
Delta R.T.: -0.002 min
Response: 591274
Conc: 9.43 ng/ml



#9 AR-1221-2

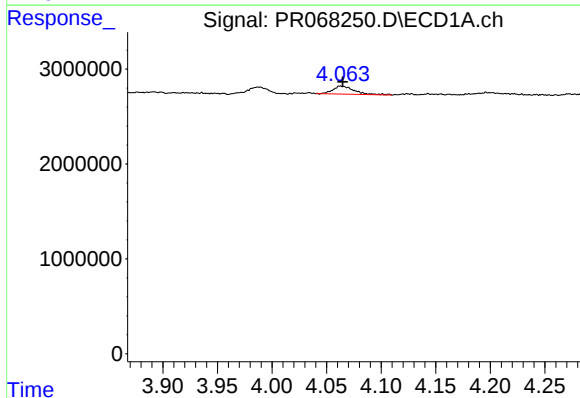
R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 1019380
Conc: 56.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



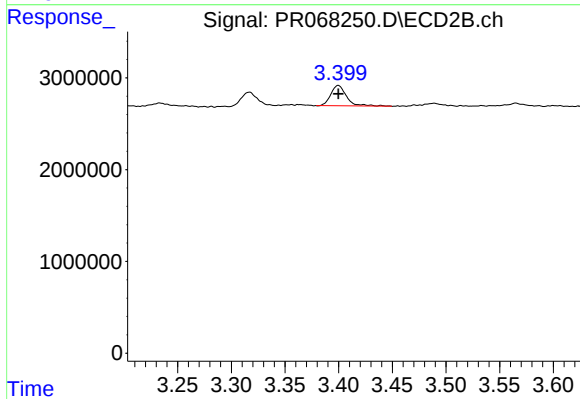
#9 AR-1221-2

R.T.: 3.317 min
Delta R.T.: -0.005 min
Response: 1649440
Conc: 37.43 ng/ml



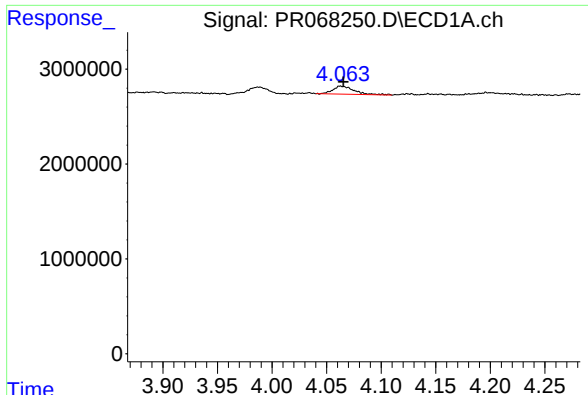
#10 AR-1221-3

R.T.: 4.063 min
Delta R.T.: -0.002 min
Response: 1148024
Conc: 18.88 ng/ml



#10 AR-1221-3

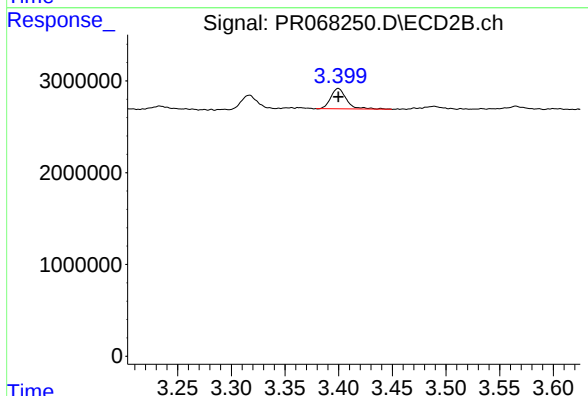
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 2251005
Conc: 15.72 ng/ml



#11 AR-1232-1

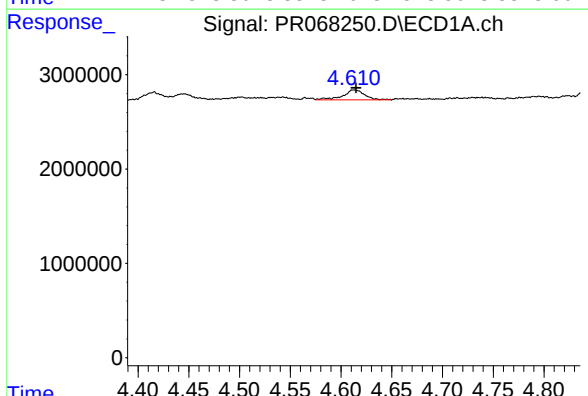
R.T.: 4.063 min
Delta R.T.: -0.003 min
Response: 1148024
Conc: 24.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



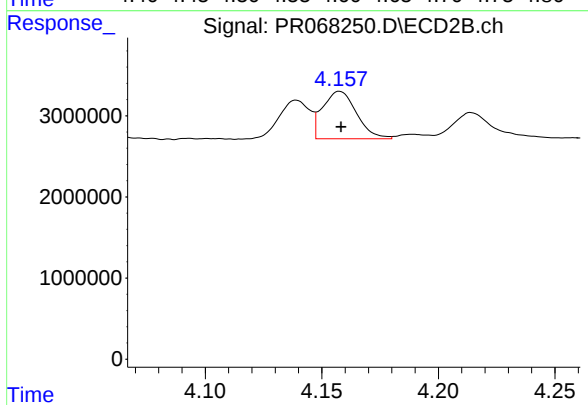
#11 AR-1232-1

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 2251005
Conc: 19.88 ng/ml



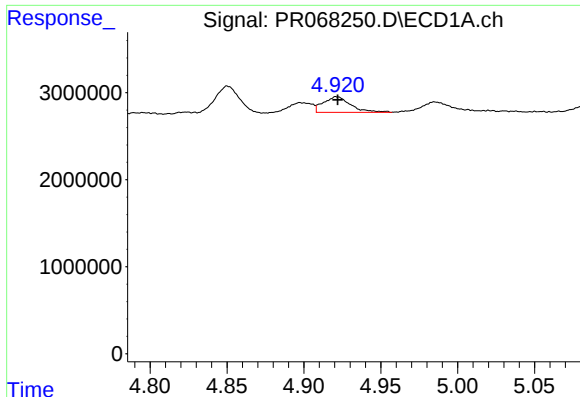
#12 AR-1232-2

R.T.: 4.613 min
Delta R.T.: -0.002 min
Response: 1596553
Conc: 69.03 ng/ml



#12 AR-1232-2

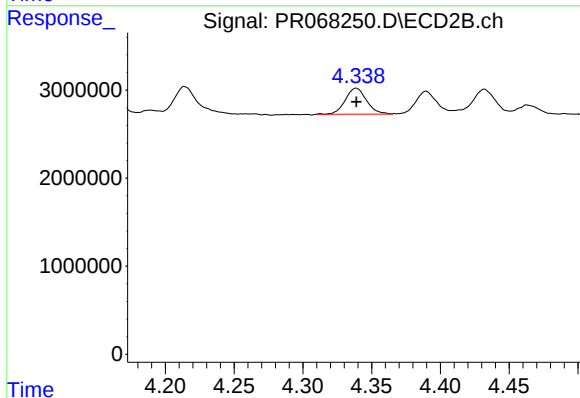
R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 5947028
Conc: 52.19 ng/ml



#13 AR-1232-3

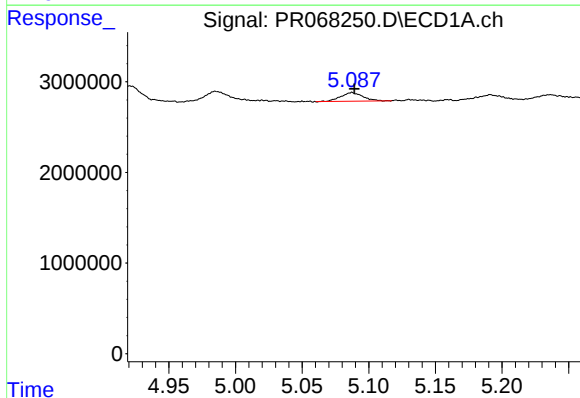
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 2214160
Conc: 48.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



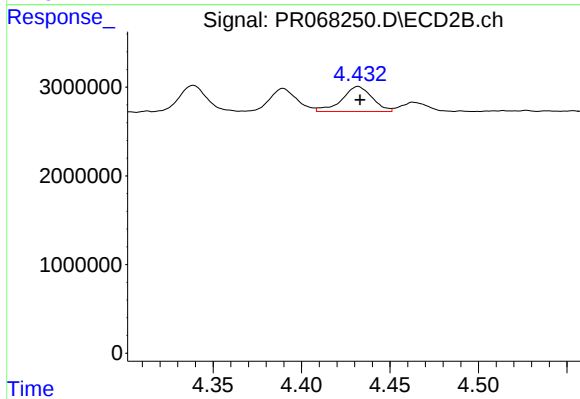
#13 AR-1232-3

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 3177130
Conc: 51.92 ng/ml



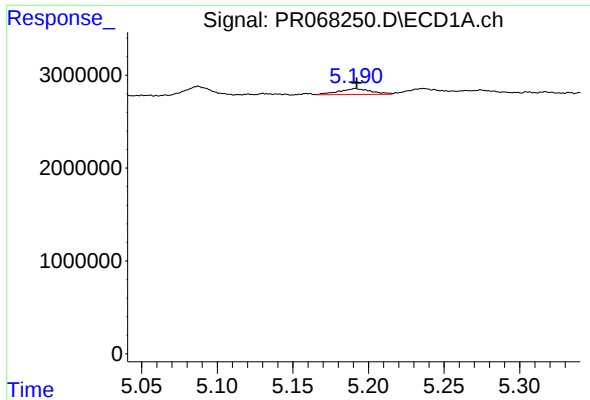
#14 AR-1232-4

R.T.: 5.087 min
Delta R.T.: -0.002 min
Response: 1115757
Conc: 48.23 ng/ml



#14 AR-1232-4

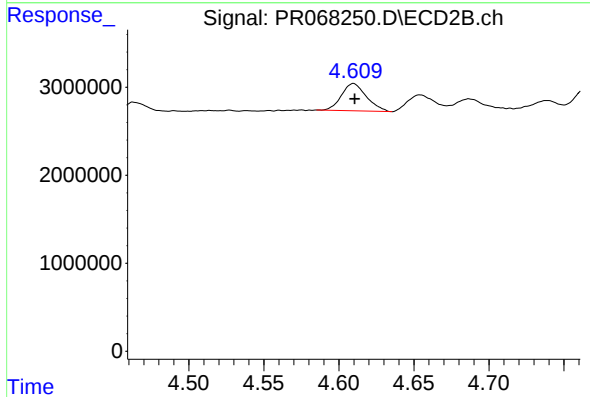
R.T.: 4.432 min
Delta R.T.: -0.001 min
Response: 3362251
Conc: 60.50 ng/ml



#15 AR-1232-5

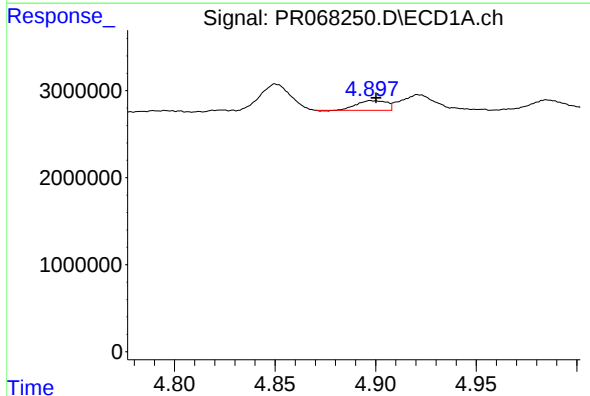
R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 971727
Conc: 89.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



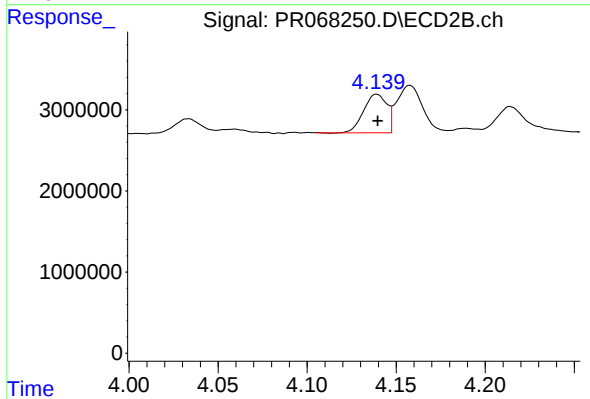
#15 AR-1232-5

R.T.: 4.610 min
Delta R.T.: 0.000 min
Response: 3585838
Conc: 59.92 ng/ml



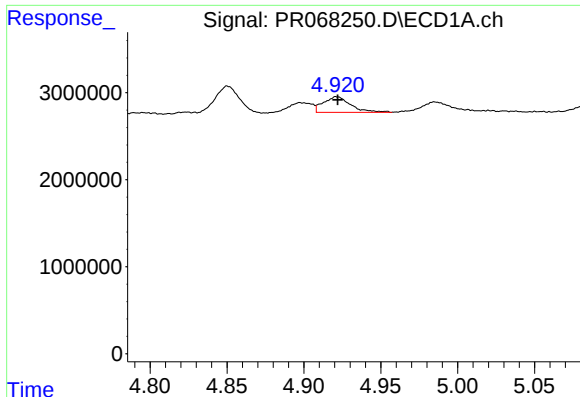
#16 AR-1242-1

R.T.: 4.898 min
Delta R.T.: -0.002 min
Response: 1135615
Conc: 25.62 ng/ml



#16 AR-1242-1

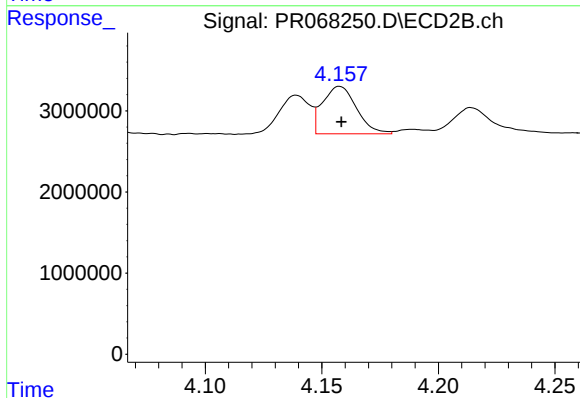
R.T.: 4.139 min
Delta R.T.: 0.000 min
Response: 4342210
Conc: 28.44 ng/ml



#17 AR-1242-2

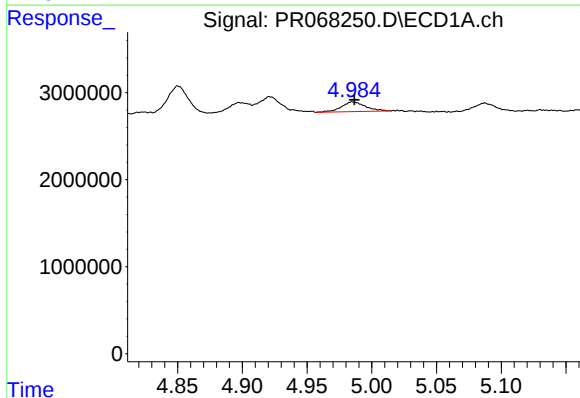
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 2214160
Conc: 26.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



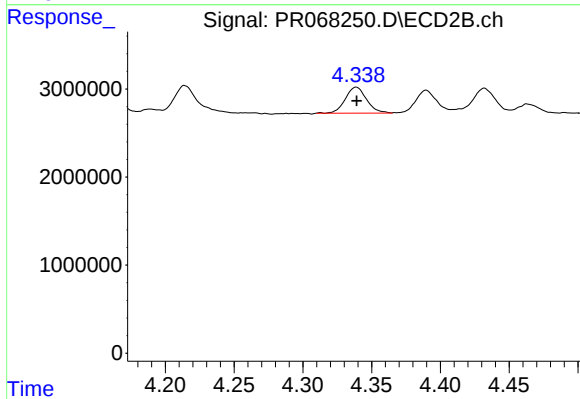
#17 AR-1242-2

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 5947028
Conc: 28.01 ng/ml



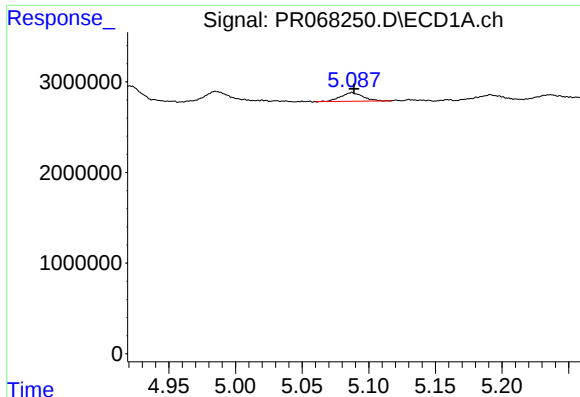
#18 AR-1242-3

R.T.: 4.985 min
Delta R.T.: -0.001 min
Response: 1421193
Conc: 26.32 ng/ml



#18 AR-1242-3

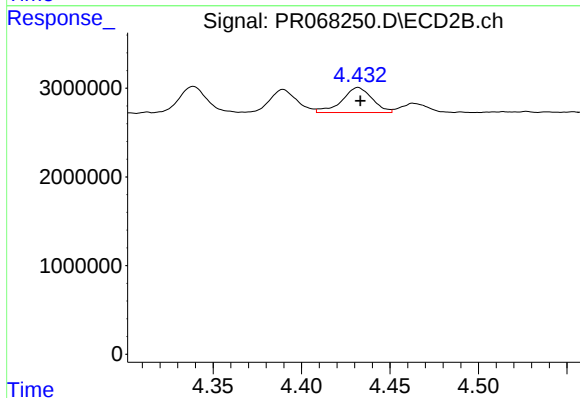
R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 3177130
Conc: 27.44 ng/ml



#19 AR-1242-4

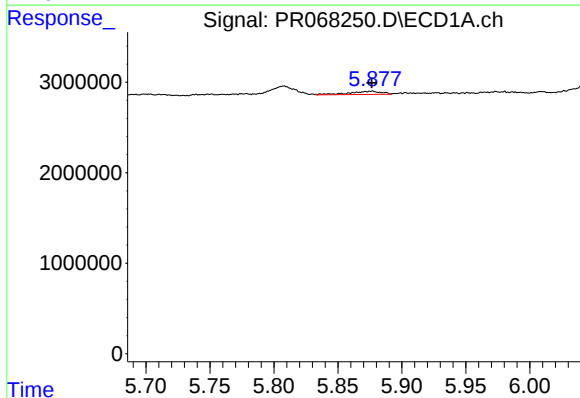
R.T.: 5.087 min
Delta R.T.: -0.002 min
Response: 1115757
Conc: 24.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



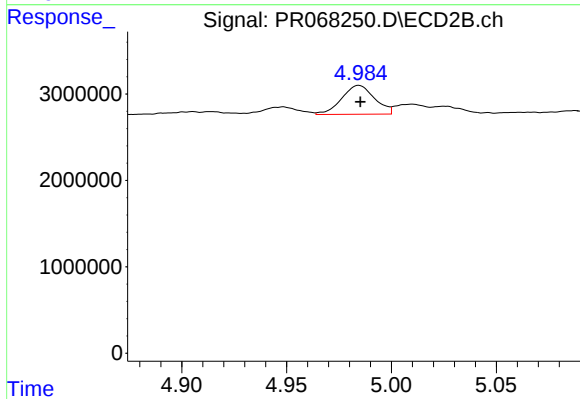
#19 AR-1242-4

R.T.: 4.432 min
Delta R.T.: -0.001 min
Response: 3362251
Conc: 29.18 ng/ml



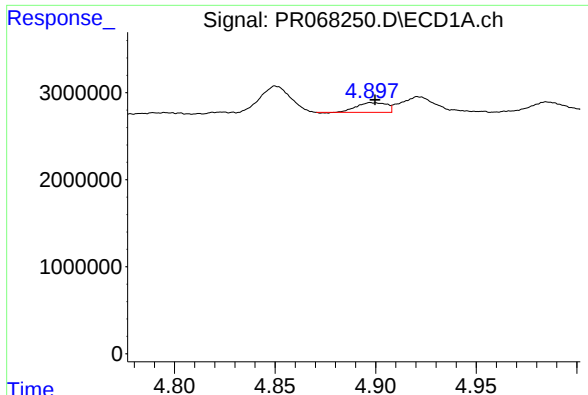
#20 AR-1242-5

R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 600465
Conc: 12.68 ng/ml



#20 AR-1242-5

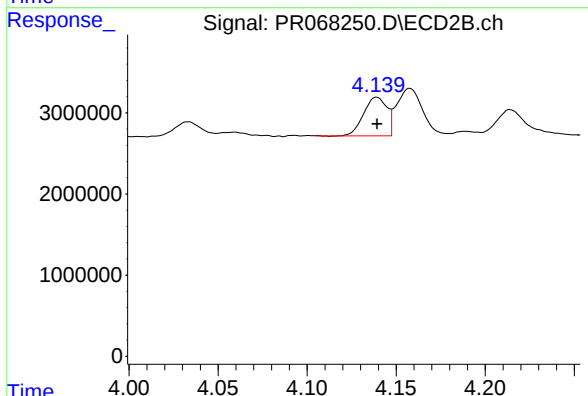
R.T.: 4.984 min
Delta R.T.: 0.000 min
Response: 3650722
Conc: 24.73 ng/ml



#21 AR-1248-1

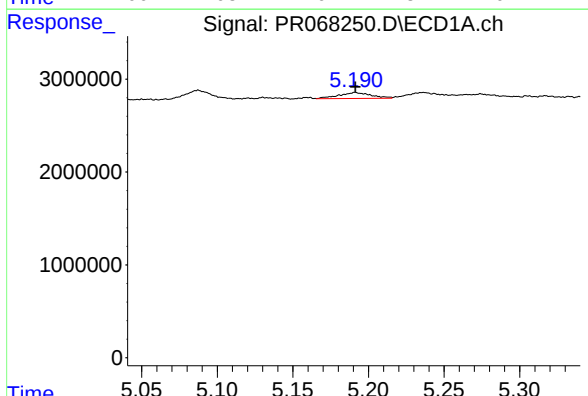
R.T.: 4.898 min
Delta R.T.: -0.001 min
Response: 1135615
Conc: 33.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



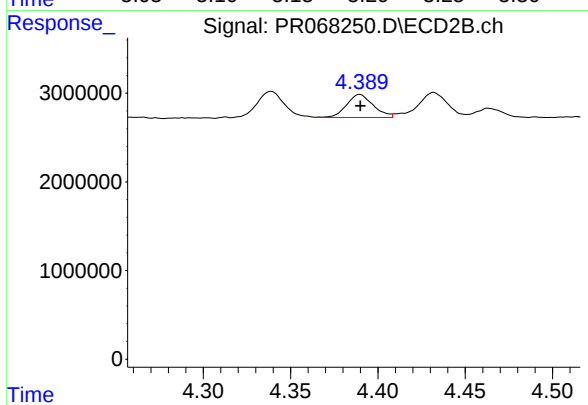
#21 AR-1248-1

R.T.: 4.139 min
Delta R.T.: 0.000 min
Response: 4342210
Conc: 38.68 ng/ml



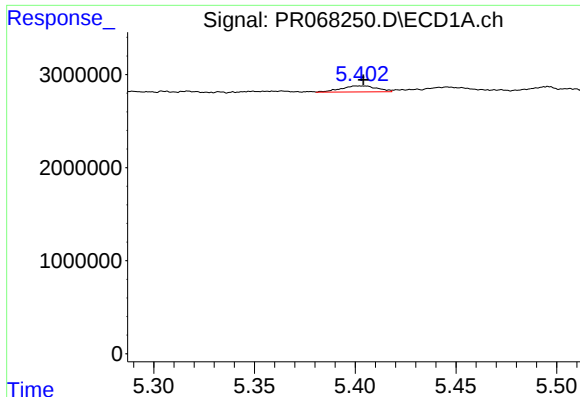
#22 AR-1248-2

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 971727
Conc: 23.90 ng/ml



#22 AR-1248-2

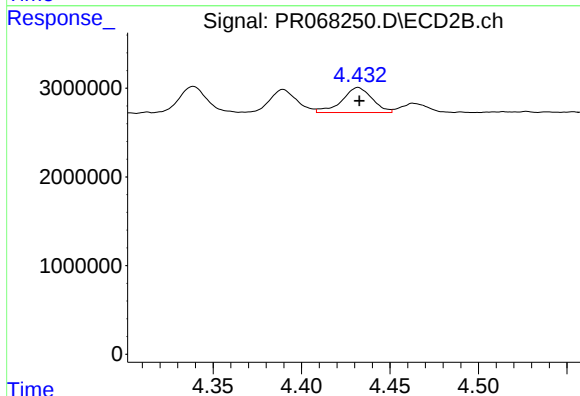
R.T.: 4.390 min
Delta R.T.: 0.000 min
Response: 2770329
Conc: 16.64 ng/ml



#23 AR-1248-3

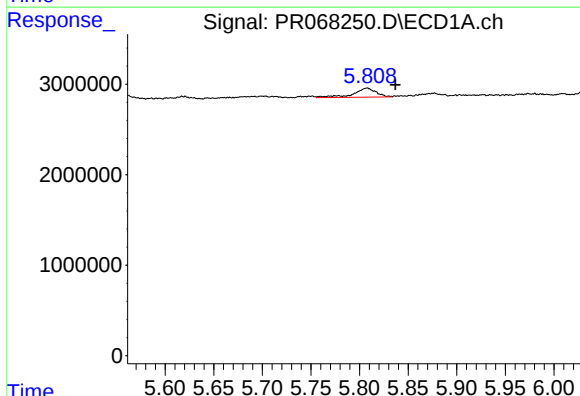
R.T.: 5.402 min
Delta R.T.: -0.002 min
Response: 807742
Conc: 13.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



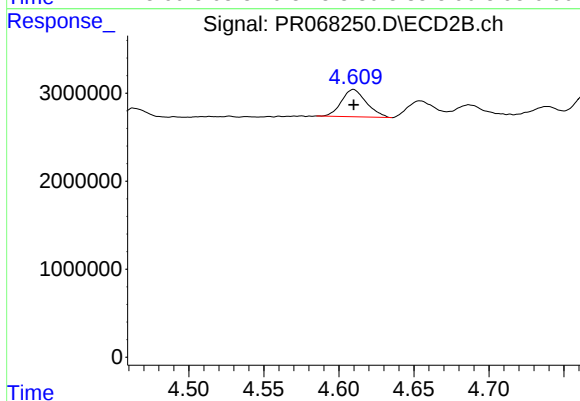
#23 AR-1248-3

R.T.: 4.432 min
Delta R.T.: 0.000 min
Response: 3362251
Conc: 19.83 ng/ml



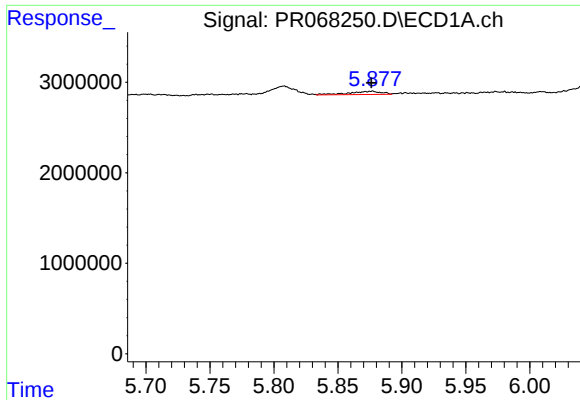
#24 AR-1248-4

R.T.: 5.808 min
Delta R.T.: -0.029 min
Response: 1607652
Conc: 23.59 ng/ml



#24 AR-1248-4

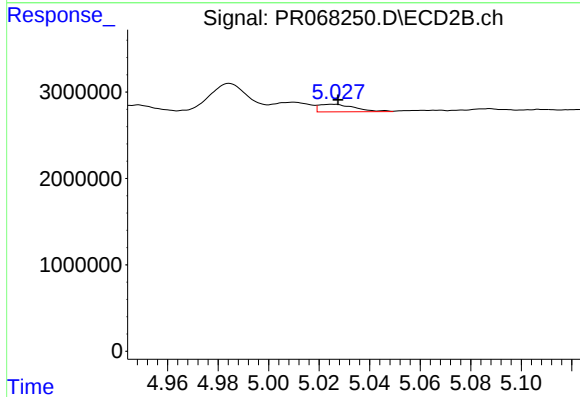
R.T.: 4.610 min
Delta R.T.: 0.000 min
Response: 3585838
Conc: 17.61 ng/ml



#25 AR-1248-5

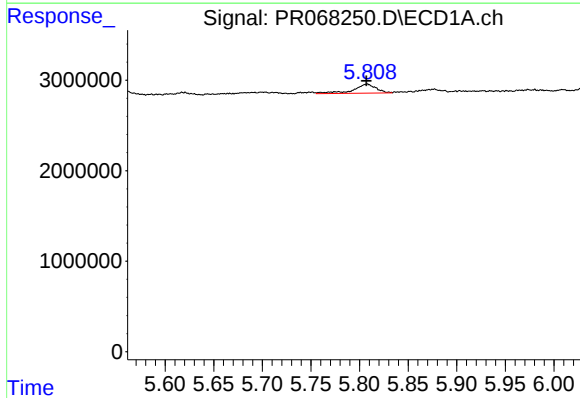
R.T.: 5.877 min
Delta R.T.: 0.000 min
Response: 600465
Conc: 7.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



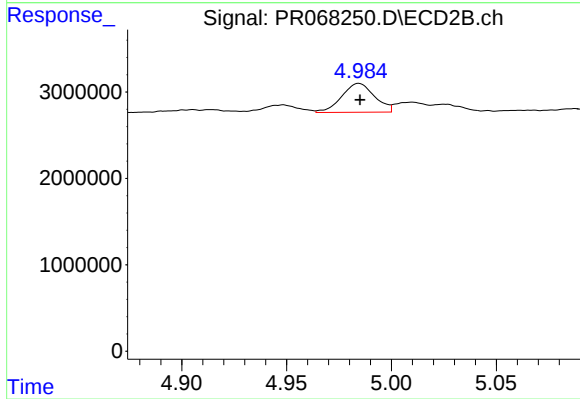
#25 AR-1248-5

R.T.: 5.026 min
Delta R.T.: -0.002 min
Response: 853849
Conc: 4.27 ng/ml



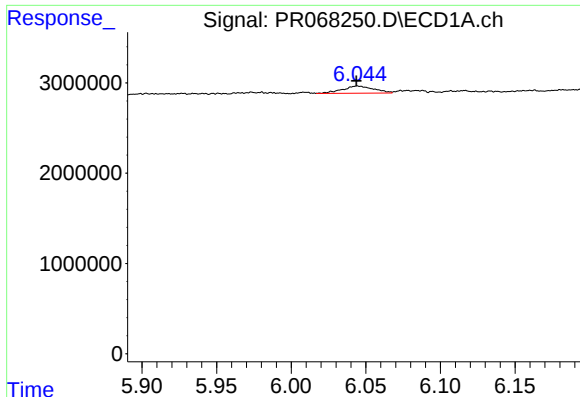
#26 AR-1254-1

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 1607652
Conc: 26.77 ng/ml



#26 AR-1254-1

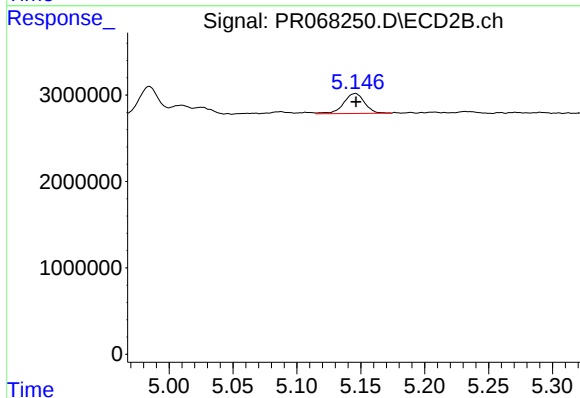
R.T.: 4.984 min
Delta R.T.: 0.000 min
Response: 3650722
Conc: 11.91 ng/ml



#27 AR-1254-2

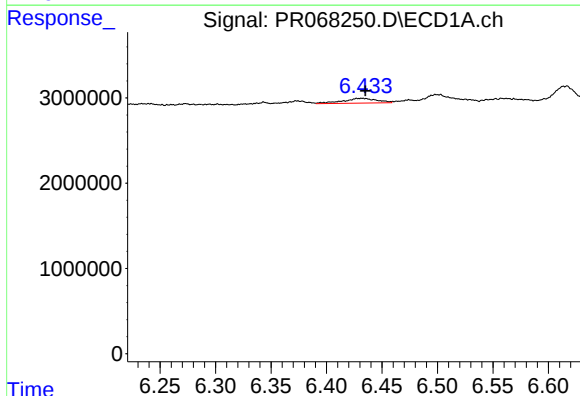
R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 1160464
Conc: 11.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



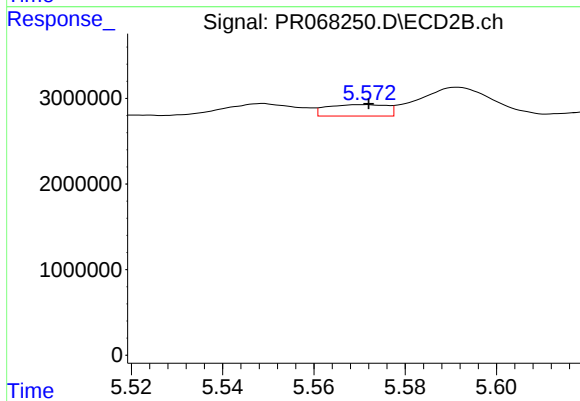
#27 AR-1254-2

R.T.: 5.146 min
Delta R.T.: 0.000 min
Response: 2663080
Conc: 9.77 ng/ml



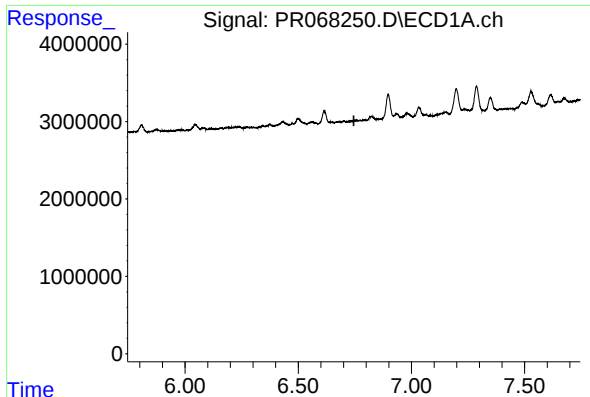
#28 AR-1254-3

R.T.: 6.432 min
Delta R.T.: -0.003 min
Response: 1184412
Conc: 9.17 ng/ml



#28 AR-1254-3

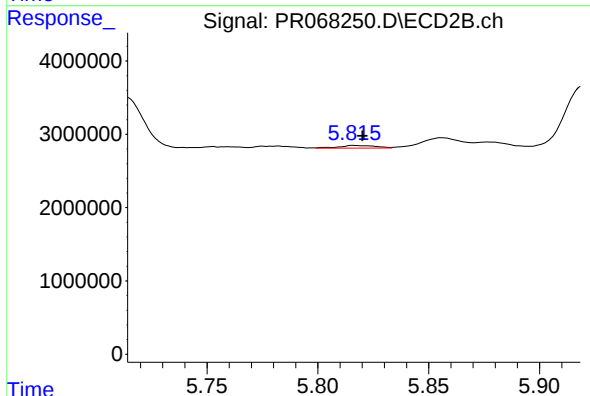
R.T.: 5.571 min
Delta R.T.: -0.001 min
Response: 1226073
Conc: 2.83 ng/ml



#29 AR-1254-4

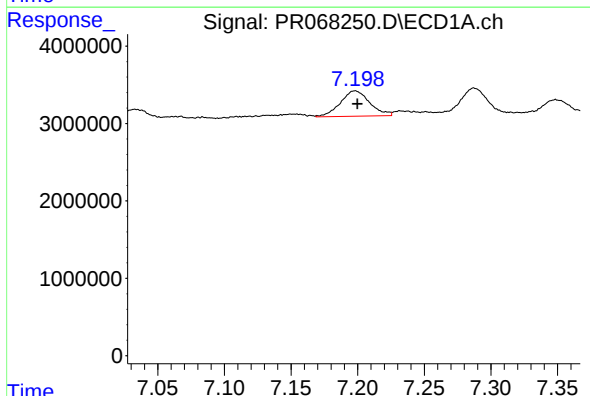
R.T.: 0.000 min
Exp R.T.: 6.746 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



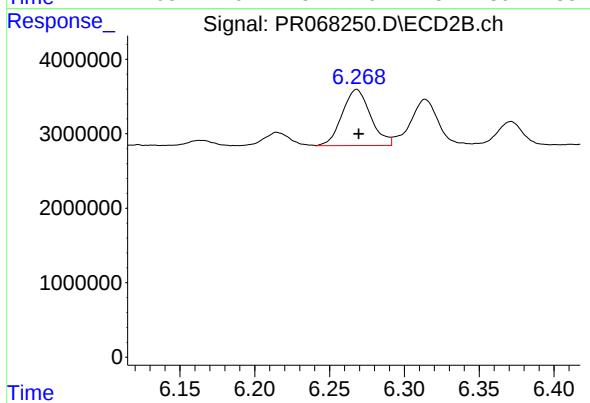
#29 AR-1254-4

R.T.: 5.817 min
Delta R.T.: -0.004 min
Response: 430410
Conc: 1.62 ng/ml



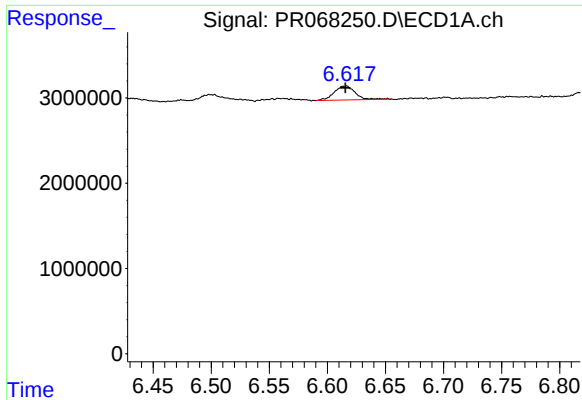
#30 AR-1254-5

R.T.: 7.198 min
Delta R.T.: -0.002 min
Response: 5039856
Conc: 40.15 ng/ml



#30 AR-1254-5

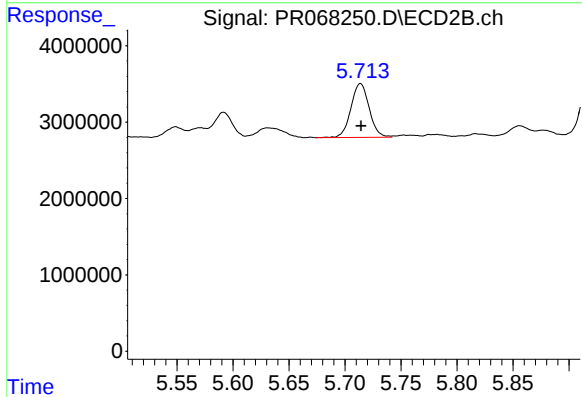
R.T.: 6.268 min
Delta R.T.: -0.001 min
Response: 9962556
Conc: 25.30 ng/ml



#31 AR-1260-1

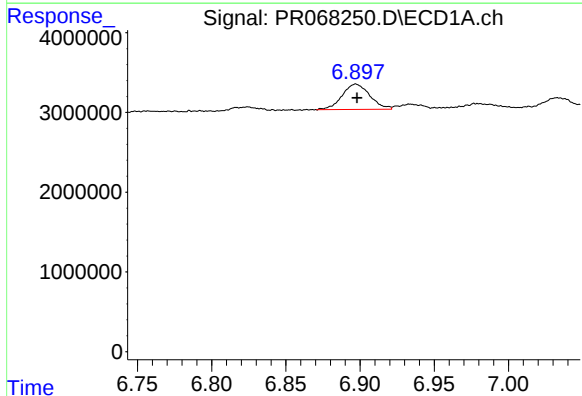
R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 2088922
Conc: 26.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



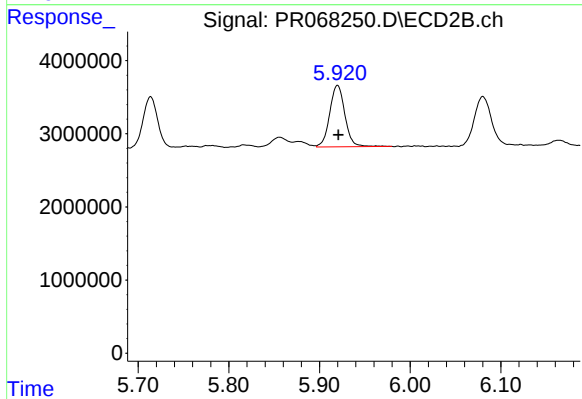
#31 AR-1260-1

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 7988452
Conc: 26.23 ng/ml



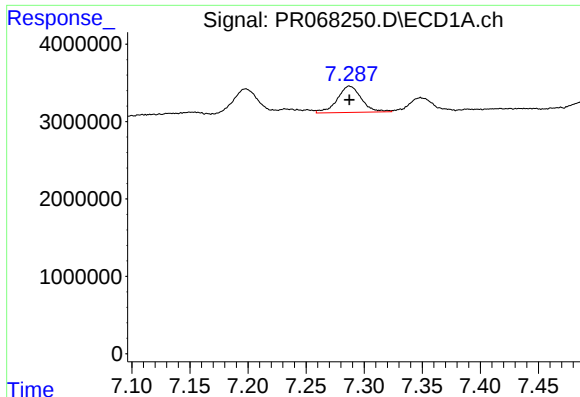
#32 AR-1260-2

R.T.: 6.897 min
Delta R.T.: 0.000 min
Response: 4126263
Conc: 28.33 ng/ml



#32 AR-1260-2

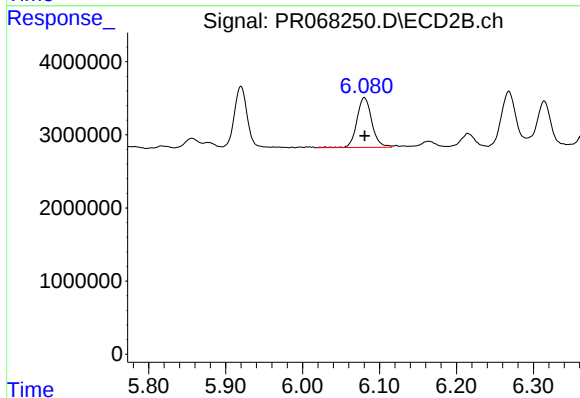
R.T.: 5.920 min
Delta R.T.: 0.000 min
Response: 9771251
Conc: 26.46 ng/ml



#33 AR-1260-3

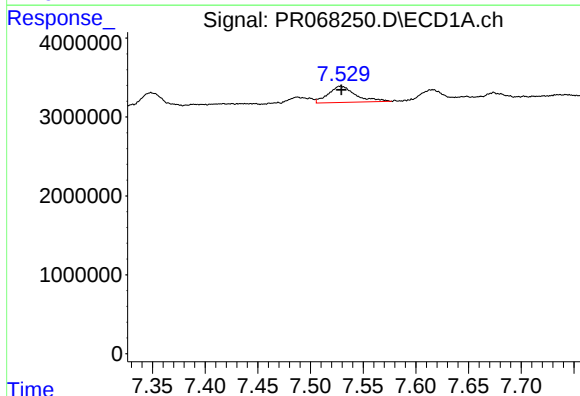
R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 4923597
Conc: 29.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



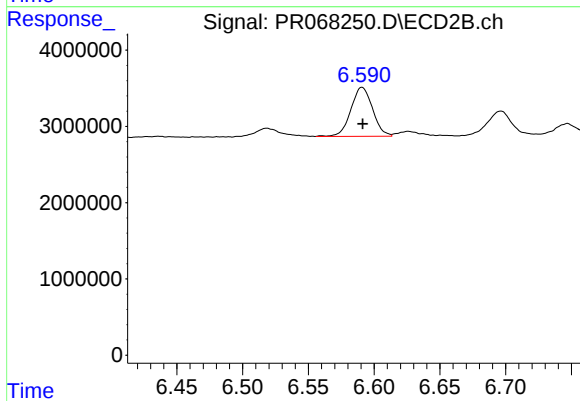
#33 AR-1260-3

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 9186639
Conc: 26.91 ng/ml



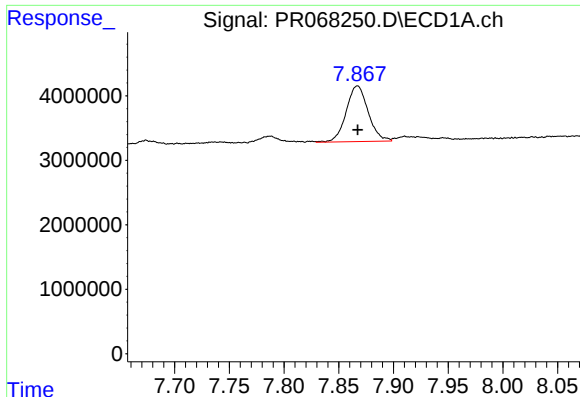
#34 AR-1260-4

R.T.: 7.529 min
Delta R.T.: 0.000 min
Response: 3696045
Conc: 27.34 ng/ml



#34 AR-1260-4

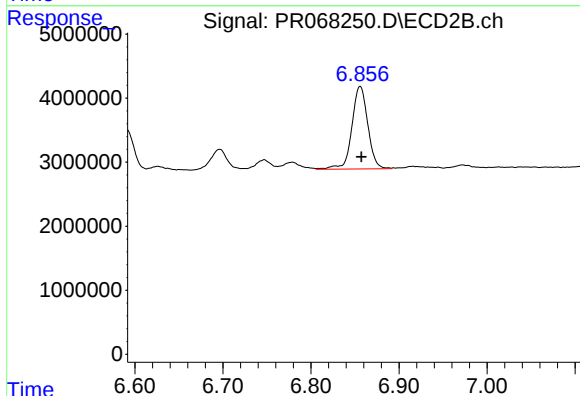
R.T.: 6.591 min
Delta R.T.: 0.000 min
Response: 7391071
Conc: 25.08 ng/ml



#35 AR-1260-5

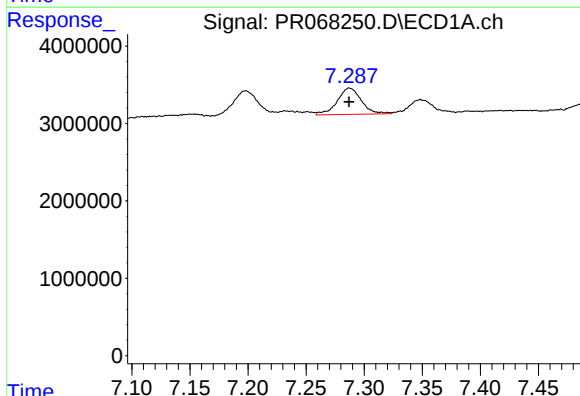
R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 12088103
Conc: 25.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



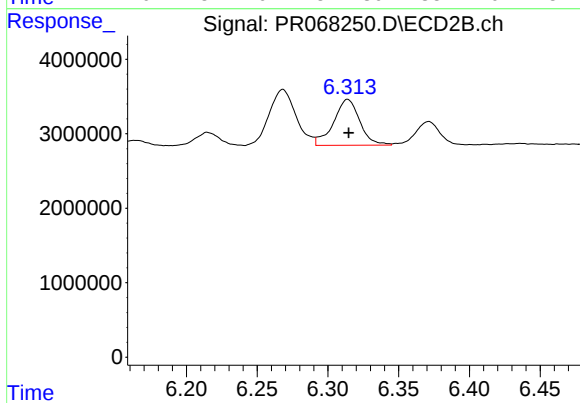
#35 AR-1260-5

R.T.: 6.856 min
Delta R.T.: -0.001 min
Response: 16187914
Conc: 24.04 ng/ml



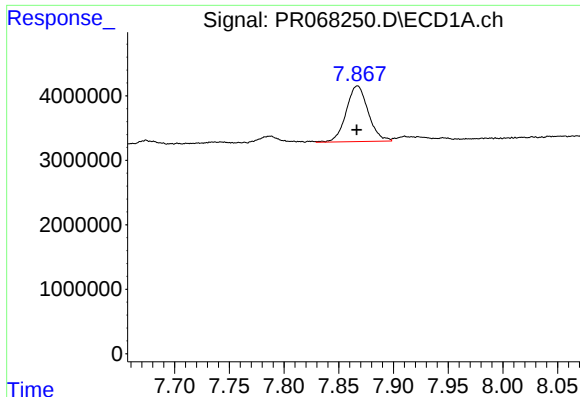
#36 AR-1262-1

R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 4923597
Conc: 21.04 ng/ml



#36 AR-1262-1

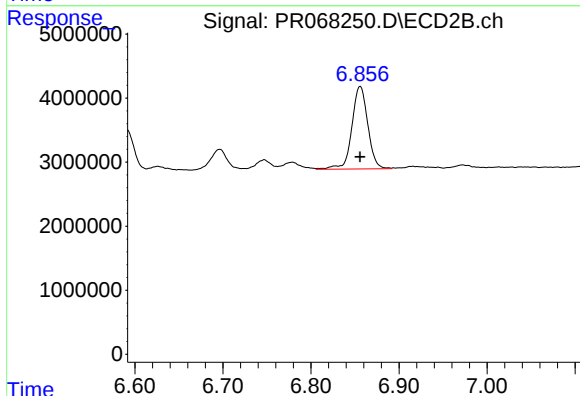
R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 7959869
Conc: 19.36 ng/ml



#37 AR-1262-2

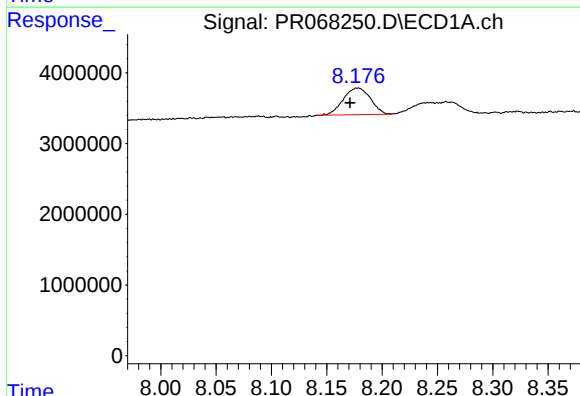
R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 12088103
Conc: 23.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



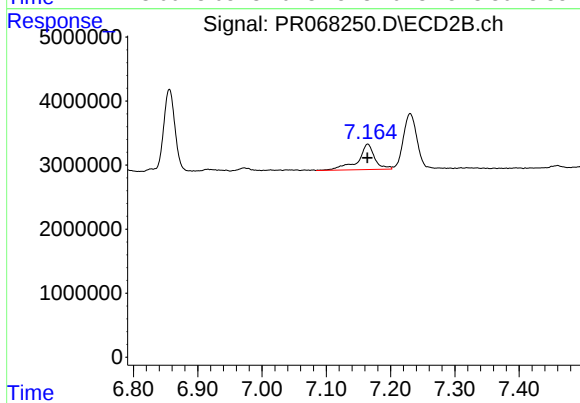
#37 AR-1262-2

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 16187914
Conc: 22.21 ng/ml



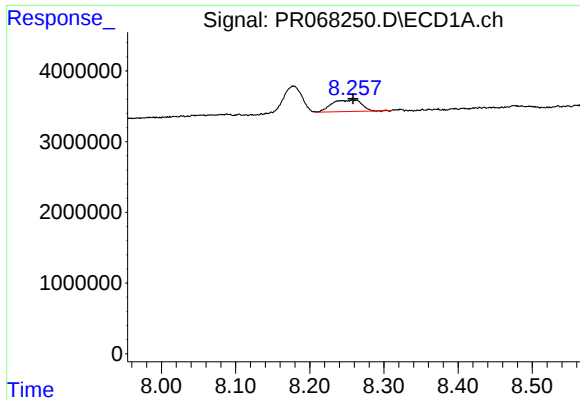
#38 AR-1262-3

R.T.: 8.178 min
Delta R.T.: 0.007 min
Response: 6455017
Conc: 18.17 ng/ml



#38 AR-1262-3

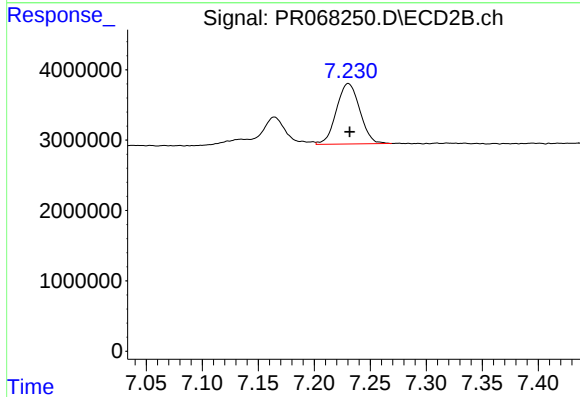
R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 7181810
Conc: 24.48 ng/ml



#39 AR-1262-4

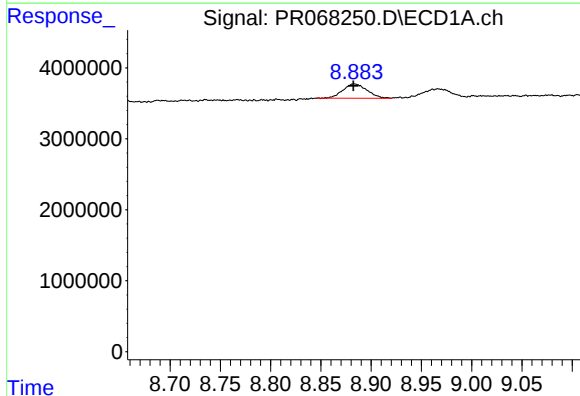
R.T.: 8.259 min
Delta R.T.: 0.000 min
Response: 4533731
Conc: 15.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



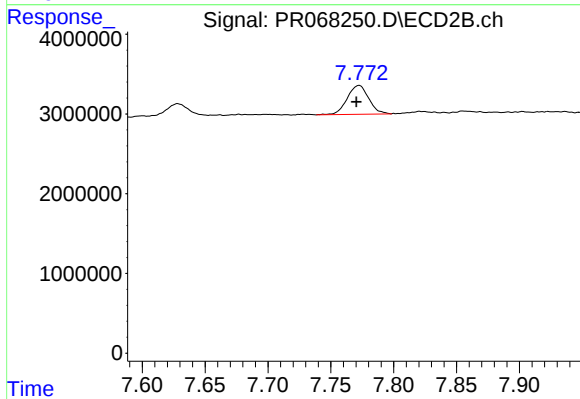
#39 AR-1262-4

R.T.: 7.231 min
Delta R.T.: -0.001 min
Response: 12488343
Conc: 22.99 ng/ml



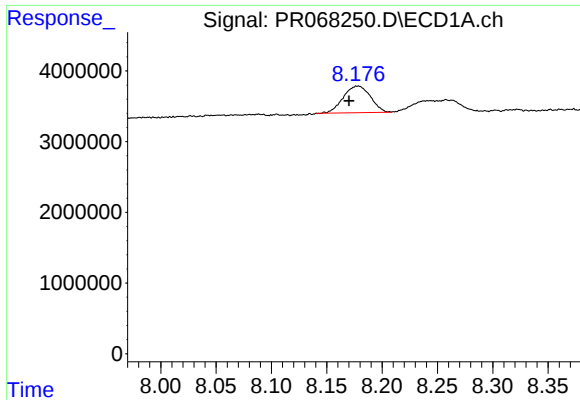
#40 AR-1262-5

R.T.: 8.884 min
Delta R.T.: 0.001 min
Response: 3372910
Conc: 15.66 ng/ml



#40 AR-1262-5

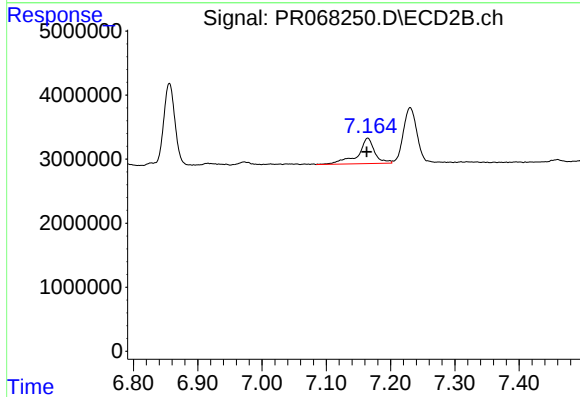
R.T.: 7.772 min
Delta R.T.: 0.002 min
Response: 4303192
Conc: 17.17 ng/ml



#41 AR-1268-1

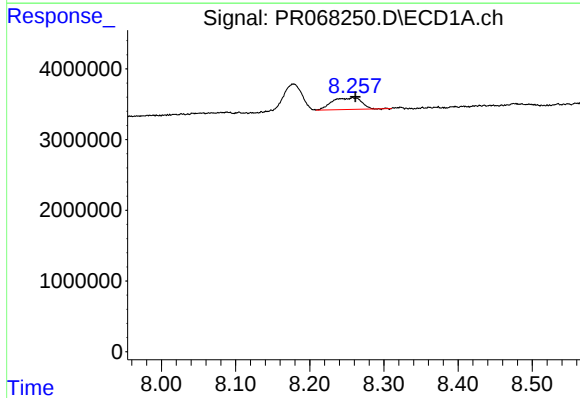
R.T.: 8.178 min
Delta R.T.: 0.008 min
Response: 6455017
Conc: 8.40 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



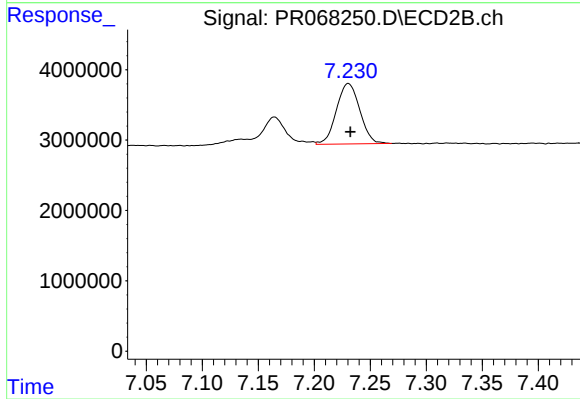
#41 AR-1268-1

R.T.: 7.164 min
Delta R.T.: 0.001 min
Response: 7181810
Conc: 7.98 ng/ml



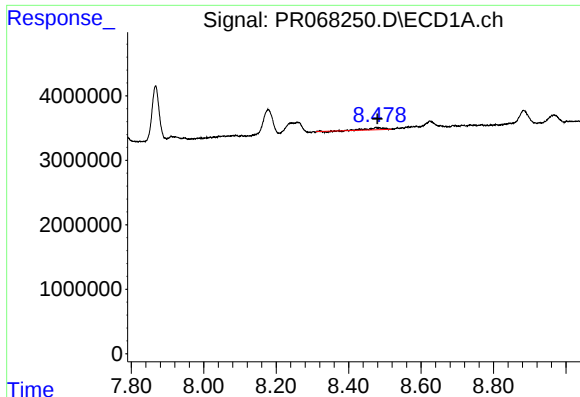
#42 AR-1268-2

R.T.: 8.259 min
Delta R.T.: -0.003 min
Response: 4533731
Conc: 6.56 ng/ml



#42 AR-1268-2

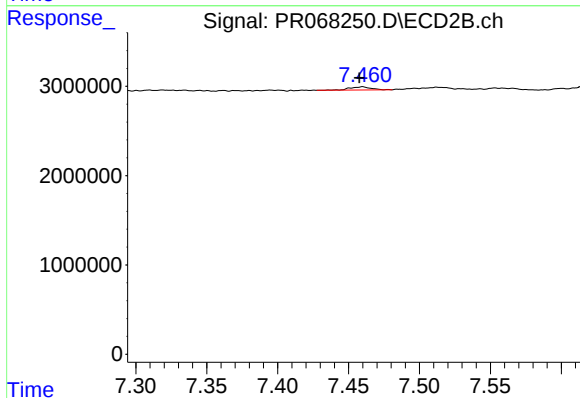
R.T.: 7.231 min
Delta R.T.: -0.002 min
Response: 12488343
Conc: 15.15 ng/ml



#43 AR-1268-3

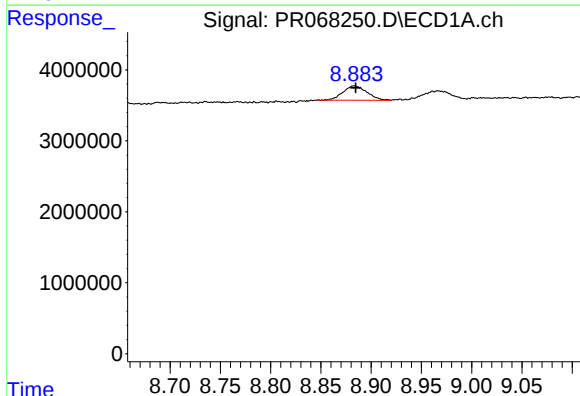
R.T.: 8.476 min
Delta R.T.: -0.004 min
Response: 936266
Conc: 1.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



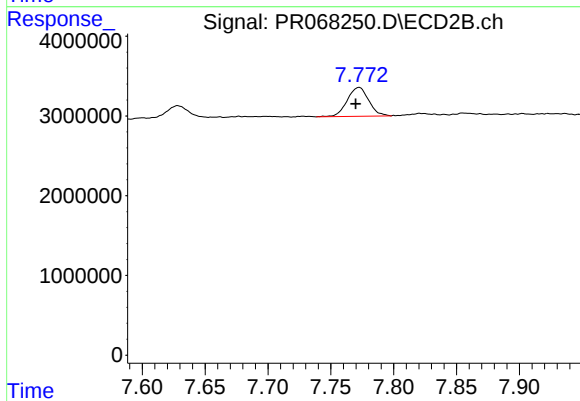
#43 AR-1268-3

R.T.: 7.460 min
Delta R.T.: 0.002 min
Response: 368706
Conc: 0.53 ng/ml



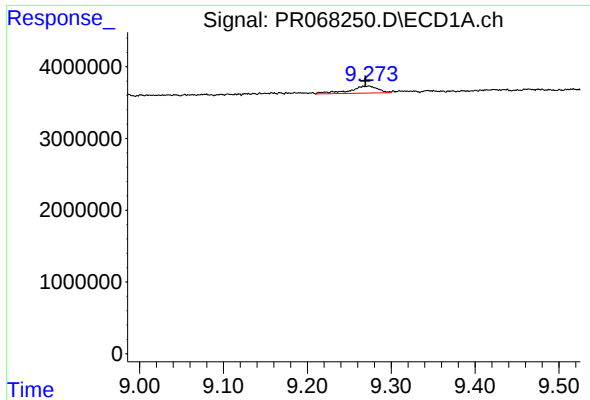
#44 AR-1268-4

R.T.: 8.884 min
Delta R.T.: -0.001 min
Response: 3372910
Conc: 13.28 ng/ml



#44 AR-1268-4

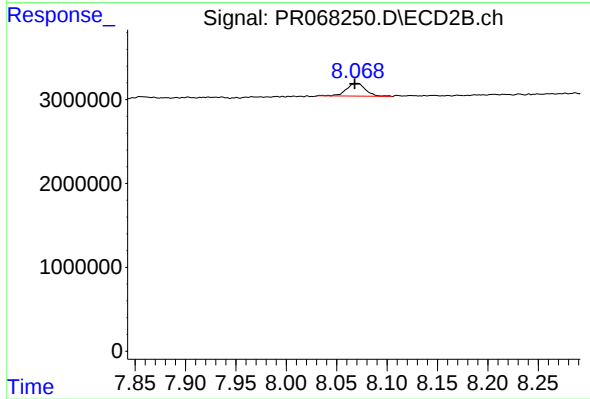
R.T.: 7.772 min
Delta R.T.: 0.003 min
Response: 4303192
Conc: 14.34 ng/ml



#45 AR-1268-5

R.T.: 9.272 min
Delta R.T.: 0.003 min
Response: 2289757
Conc: 1.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
MDL-SOIL-QT3-2024-05



#45 AR-1268-5

R.T.: 8.070 min
Delta R.T.: 0.002 min
Response: 2051333
Conc: 0.98 ng/ml