

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR042919\
 Data File : PR037480.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2019 22:23
 Operator : SM\SJ
 Sample : K2241-01
 Misc : AR1254 LOD 40PPB
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 30 03:57:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Apr 22 17:27:39 2019
 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...	4.362	3.407	26302059	98966594	21.025	20.637
2)	SA Decachlor...	9.987	8.244	30169448	142.3E6	22.811	24.425
Target Compounds							
3)	L1 AR-1016-1	0.000	4.456	0	383544	N.D.	2.106 #
4)	L1 AR-1016-2	0.000	4.463	0	155479	N.D.	0.551 #
6)	L1 AR-1016-4	0.000	4.680	0	6240151	N.D.	56.403 #
7)	L1 AR-1016-5	5.995	4.884	811558	3870666	23.668	25.463
8)	L2 AR-1221-1	0.000	3.575	0	540317	N.D.	10.611 #
9)	L2 AR-1221-2	0.000	3.698	0	1617252	N.D.	43.550 #
10)	L2 AR-1221-3	0.000	3.790	0	199962	N.D.	1.633 #
11)	L3 AR-1232-1	0.000	3.790	0	199962	N.D.	1.709 #
12)	L3 AR-1232-2	0.000	4.463	0	155479	N.D.	1.125 #
14)	L3 AR-1232-4	0.000	4.716	0	1945736	N.D.	32.607 #
15)	L3 AR-1232-5	5.791	4.884	1492366	3870666	127.600	56.718 #
16)	L4 AR-1242-1	0.000	4.456	0	383544	N.D.	2.617 #
17)	L4 AR-1242-2	0.000	4.463	0	155479	N.D.	0.681 #
19)	L4 AR-1242-4	0.000	4.716	0	1945736	N.D.	17.703 #
20)	L4 AR-1242-5	6.435	5.226	970820	18380133	30.170	110.925 #
21)	L5 AR-1248-1	0.000	4.456	0	383544	N.D.	3.810 #
22)	L5 AR-1248-2	5.791	4.680	1492366	6240151	42.621	45.724
23)	L5 AR-1248-3	5.995	4.716	811558	1945736	19.838	13.901 #
24)	L5 AR-1248-4	6.394	4.884	1439698	3870666	29.409	21.750 #
25)	L5 AR-1248-5	6.435	5.266	970820	3920866	20.552	20.044
26)	L6 AR-1254-1	6.367	5.226	3038924	18380133	55.626	53.357
27)	L6 AR-1254-2	6.583	5.371	4893442	16166041	57.102	53.976
28)	L6 AR-1254-3	6.949	5.763	5399165	22973022	59.355	48.505
29)	L6 AR-1254-4	7.233	5.987	3722404	17190276	55.551	49.025
30)	L6 AR-1254-5	7.648	6.396	4714057	28897327	65.582	65.257
31)	L7 AR-1260-1	7.110	5.889	2043950	10105006	30.975	34.573
32)	L7 AR-1260-2	7.363	6.075	2415613	14046759	30.307	30.498
33)	L7 AR-1260-3	7.709	6.222	670558	9964403	10.716	27.951 #
34)	L7 AR-1260-4	7.938	6.687	1718531	1584801	23.097	5.200 #
35)	L7 AR-1260-5	8.260	6.929	543798	2086782	3.760	2.406 #
36)	L8 AR-1262-1	7.709	6.486	670558	2862257	6.420	11.421 #
37)	L8 AR-1262-2	8.260	6.929	543798	2086782	2.798	1.662 #
38)	L8 AR-1262-3	8.580	7.207	1051575	8017664	7.996	14.624 #
39)	L8 AR-1262-4	0.000	7.264	0	10984024	N.D.	12.236 #
40)	L8 AR-1262-5	0.000	7.776	0	1552106	N.D.	4.057 #
41)	L9 AR-1268-1	8.580	7.207	1051575	8017664	5.872	6.513
42)	L9 AR-1268-2	0.000	7.264	0	10984024	N.D.	10.373 #
43)	L9 AR-1268-3	8.865	7.463	473091	12364602	3.417	13.952 #
44)	L9 AR-1268-4	0.000	7.776	0	1552106	N.D.	4.278 #

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 Misc : AR1254 LOD 40PPB
 ALS Vial : 21 Sample Multiplier: 1

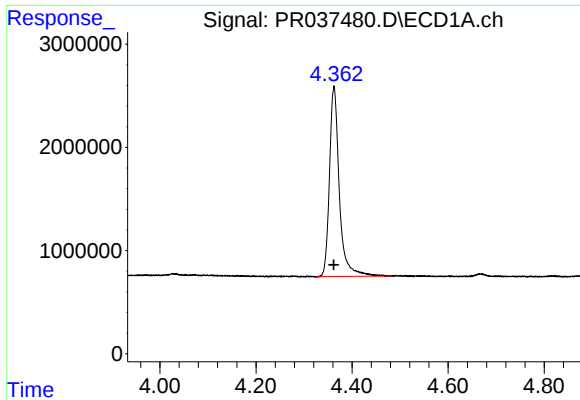
Instrument :
 ECD_R
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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
45) L9	AR-1268-5	0.000	8.025	0	10569961	N.D.	4.155 #

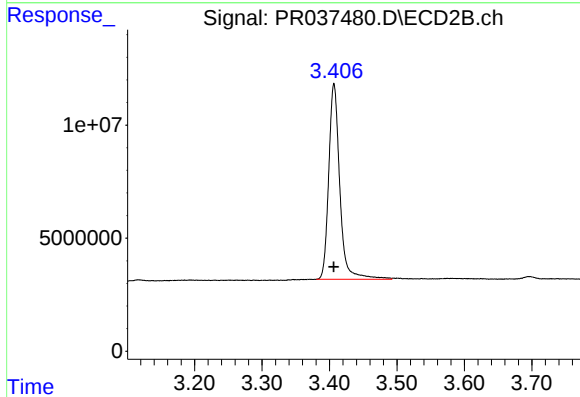
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

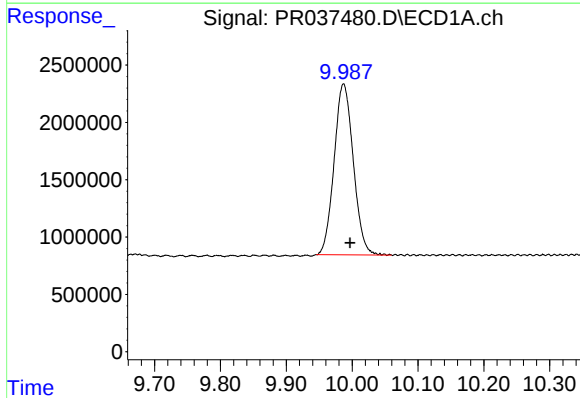
R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 26302059
Conc: 21.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



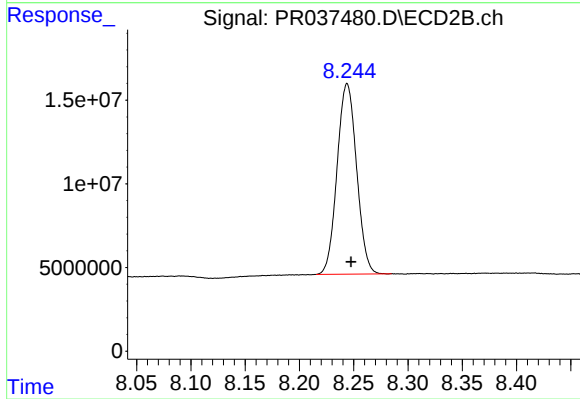
#1 Tetrachloro-m-xylene

R.T.: 3.407 min
Delta R.T.: 0.000 min
Response: 98966594
Conc: 20.64 ng/ml



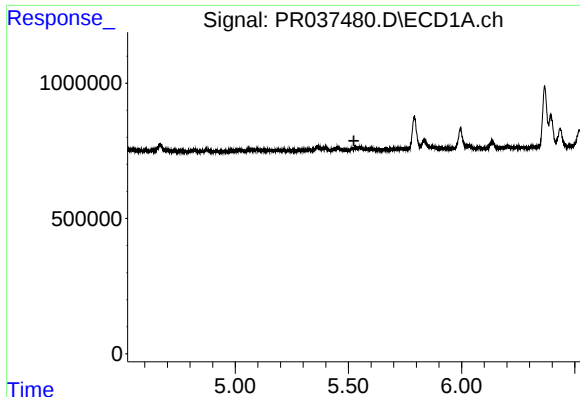
#2 Decachlorobiphenyl

R.T.: 9.987 min
Delta R.T.: -0.010 min
Response: 30169448
Conc: 22.81 ng/ml



#2 Decachlorobiphenyl

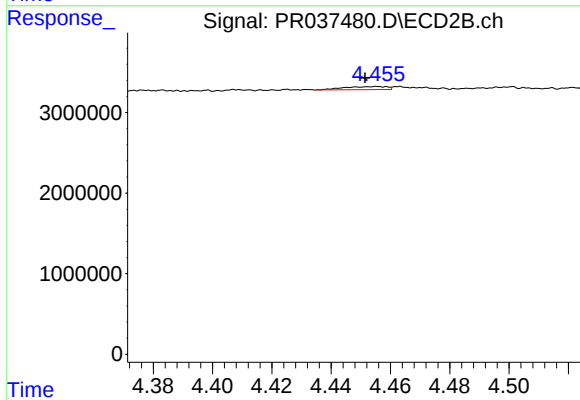
R.T.: 8.244 min
Delta R.T.: -0.004 min
Response: 142254892
Conc: 24.42 ng/ml



#3 AR-1016-1

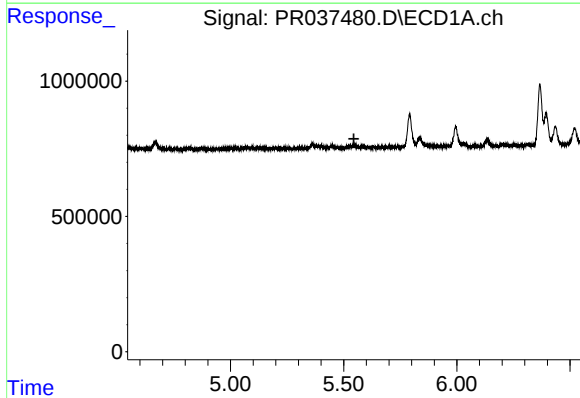
R.T.: 0.000 min
Exp R.T.: 5.524 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



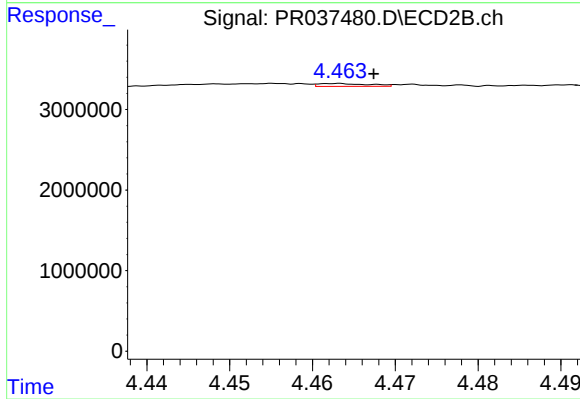
#3 AR-1016-1

R.T.: 4.456 min
Delta R.T.: 0.004 min
Response: 383544
Conc: 2.11 ng/ml



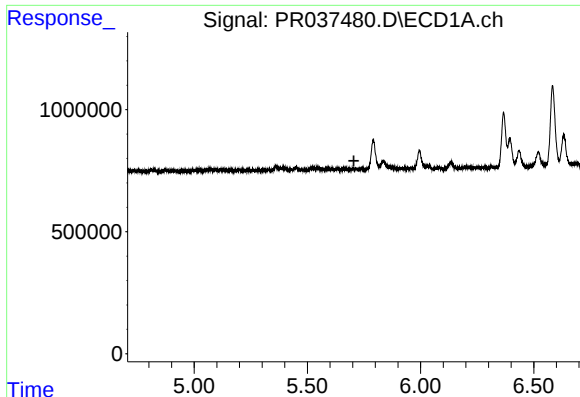
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.



#4 AR-1016-2

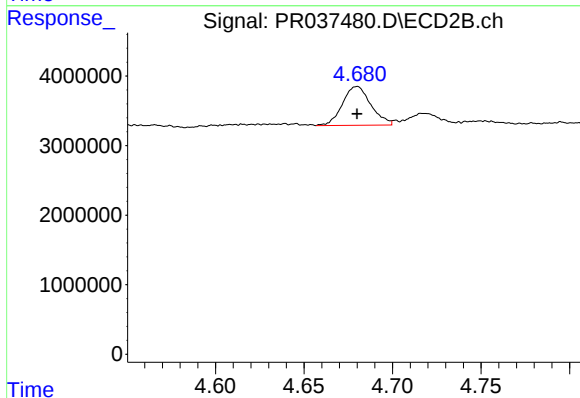
R.T.: 4.463 min
Delta R.T.: -0.004 min
Response: 155479
Conc: 0.55 ng/ml



#6 AR-1016-4

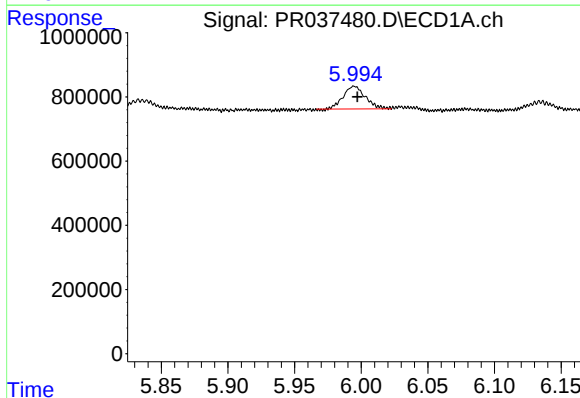
R.T.: 0.000 min
Exp R.T.: 5.705 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



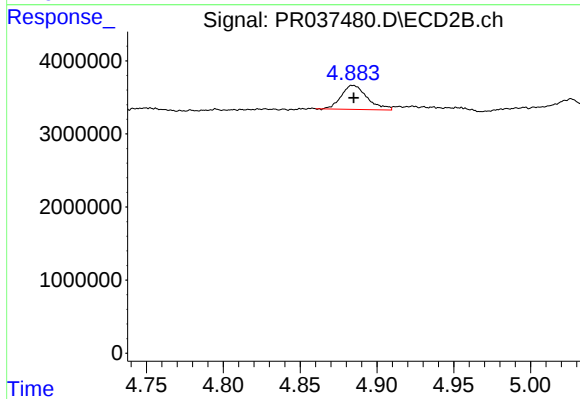
#6 AR-1016-4

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 6240151
Conc: 56.40 ng/ml



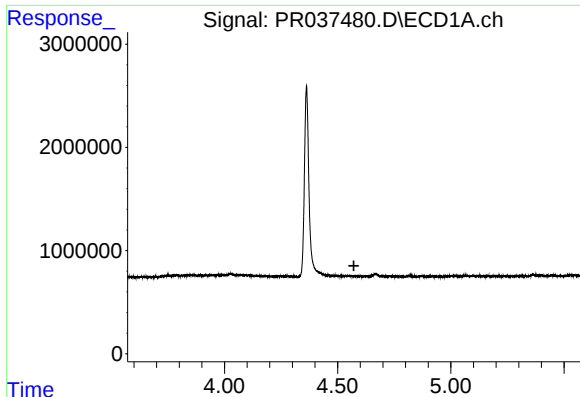
#7 AR-1016-5

R.T.: 5.995 min
Delta R.T.: -0.002 min
Response: 811558
Conc: 23.67 ng/ml



#7 AR-1016-5

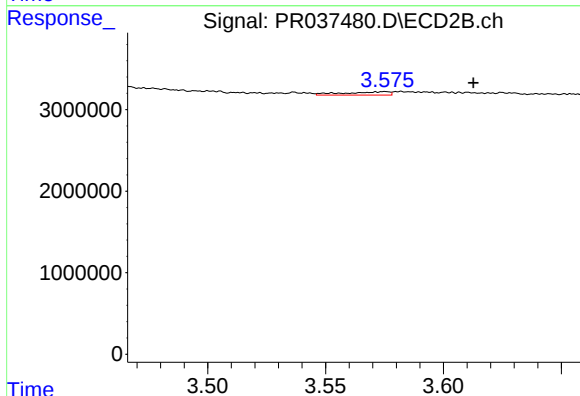
R.T.: 4.884 min
Delta R.T.: 0.000 min
Response: 3870666
Conc: 25.46 ng/ml



#8 AR-1221-1

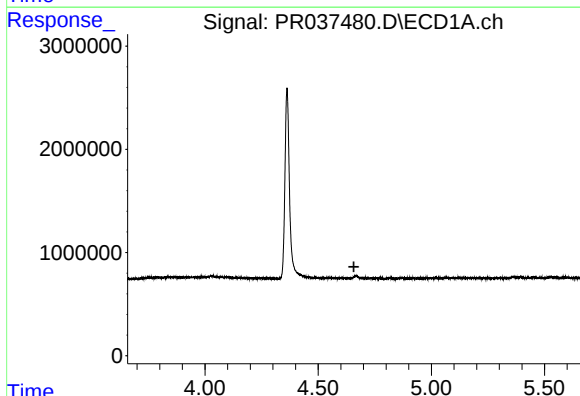
R.T.: 0.000 min
Exp R.T. : 4.572 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



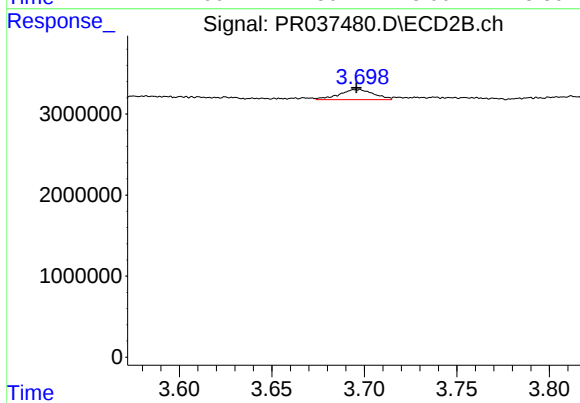
#8 AR-1221-1

R.T.: 3.575 min
Delta R.T.: -0.037 min
Response: 540317
Conc: 10.61 ng/ml



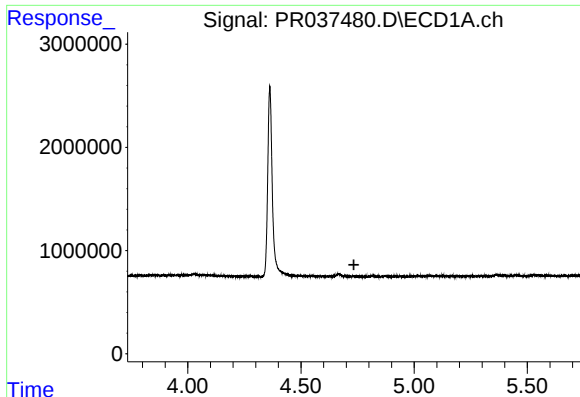
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.658 min
Response: 0
Conc: N.D.



#9 AR-1221-2

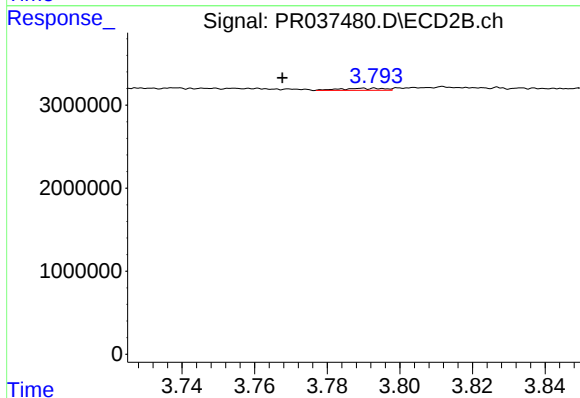
R.T.: 3.698 min
Delta R.T.: 0.002 min
Response: 1617252
Conc: 43.55 ng/ml



#10 AR-1221-3

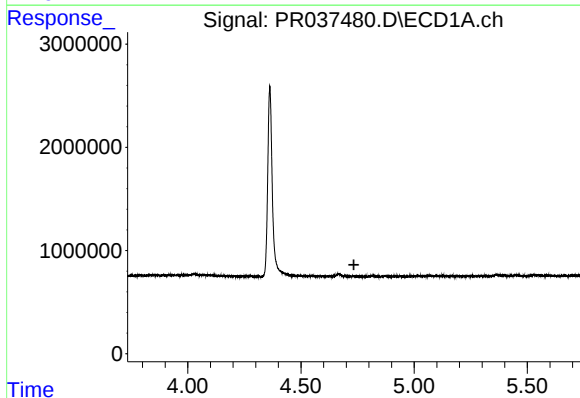
R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



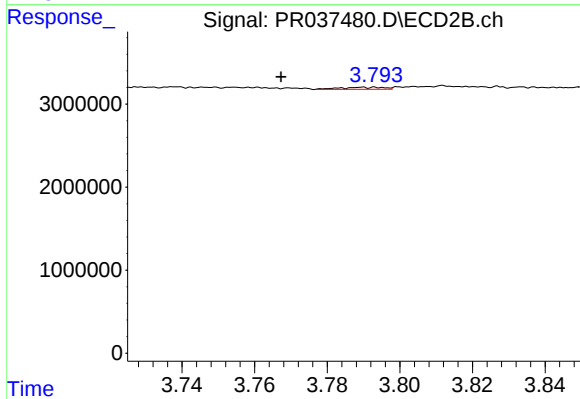
#10 AR-1221-3

R.T.: 3.790 min
Delta R.T.: 0.022 min
Response: 199962
Conc: 1.63 ng/ml



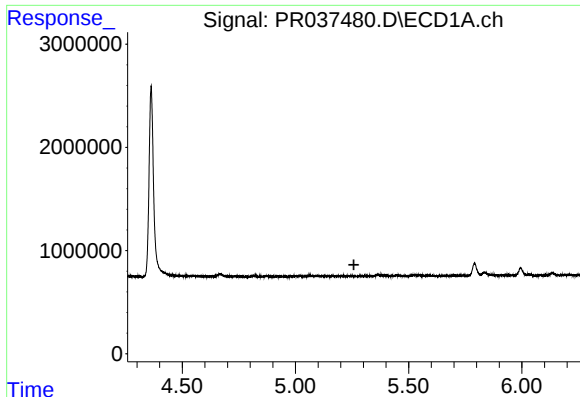
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.734 min
Response: 0
Conc: N.D.



#11 AR-1232-1

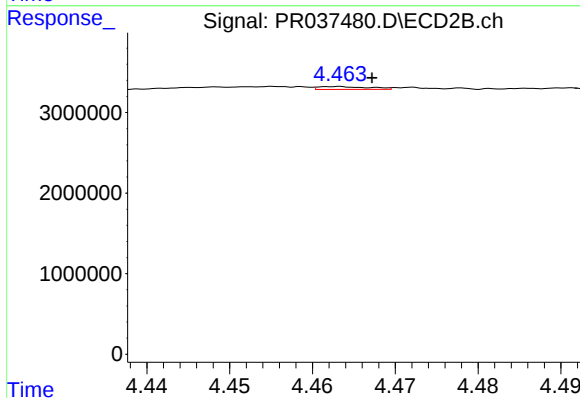
R.T.: 3.790 min
Delta R.T.: 0.022 min
Response: 199962
Conc: 1.71 ng/ml



#12 AR-1232-2

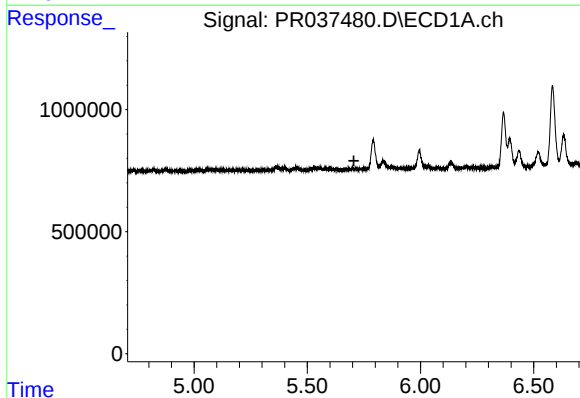
R.T.: 0.000 min
Exp R.T.: 5.258 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



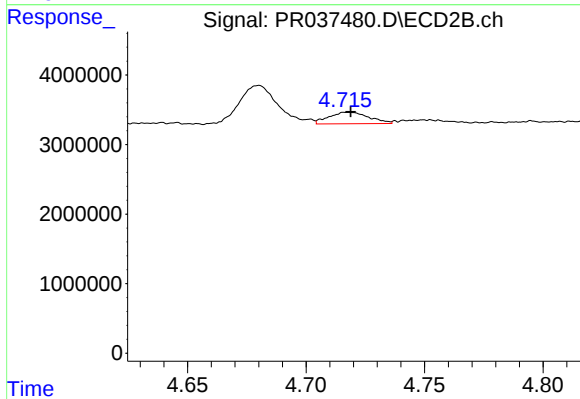
#12 AR-1232-2

R.T.: 4.463 min
Delta R.T.: -0.004 min
Response: 155479
Conc: 1.12 ng/ml



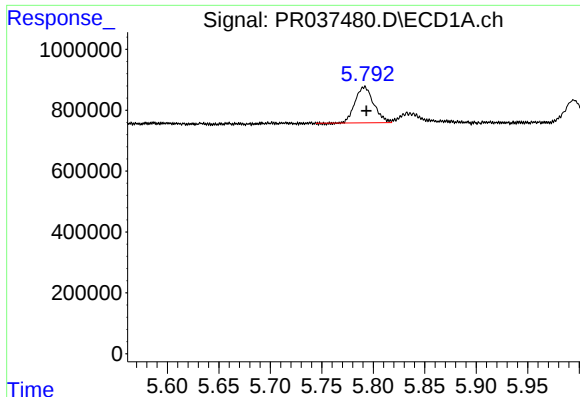
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.706 min
Response: 0
Conc: N.D.



#14 AR-1232-4

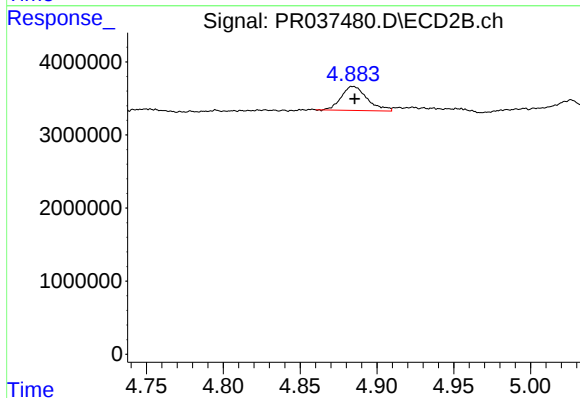
R.T.: 4.716 min
Delta R.T.: -0.002 min
Response: 1945736
Conc: 32.61 ng/ml



#15 AR-1232-5

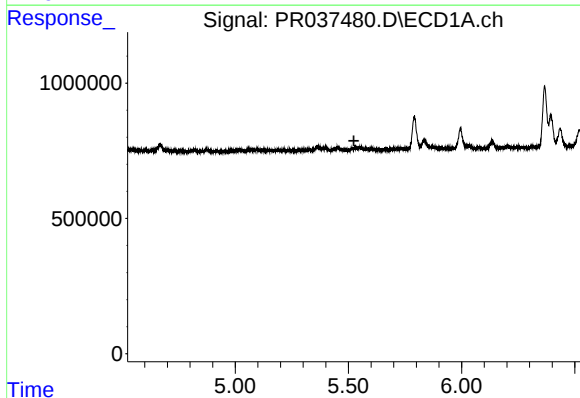
R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 1492366
Conc: 127.60 ng/ml

Instrument :
ECD_R
ClientSampleId :
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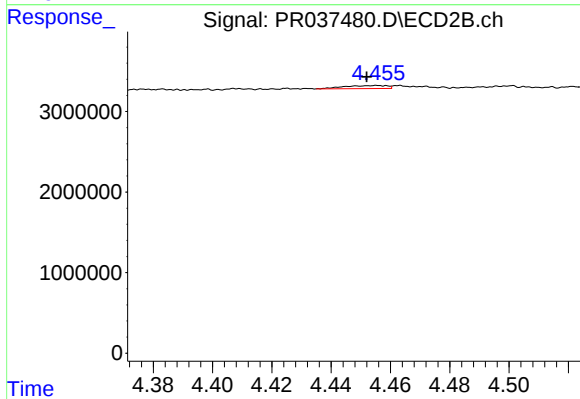
#15 AR-1232-5

R.T.: 4.884 min
Delta R.T.: -0.001 min
Response: 3870666
Conc: 56.72 ng/ml



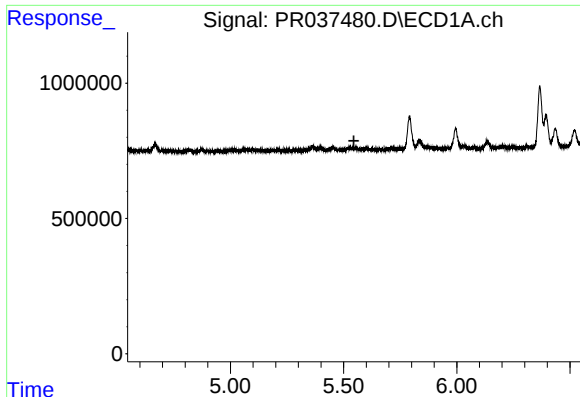
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.524 min
Response: 0
Conc: N.D.



#16 AR-1242-1

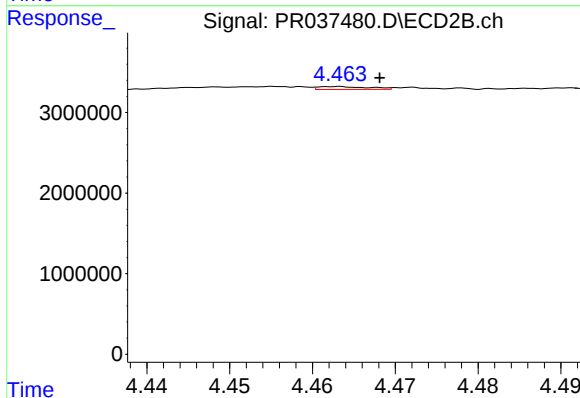
R.T.: 4.456 min
Delta R.T.: 0.004 min
Response: 383544
Conc: 2.62 ng/ml



#17 AR-1242-2

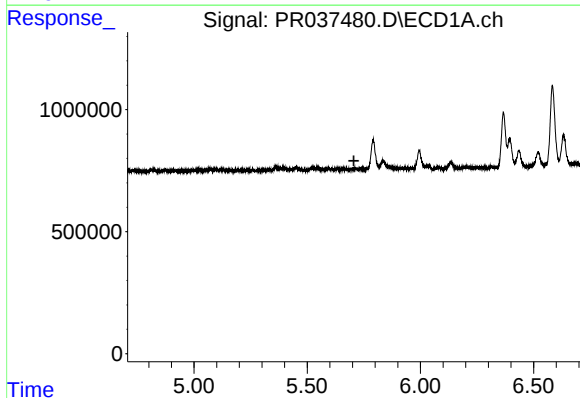
R.T.: 0.000 min
Exp R.T.: 5.545 min
Response: 0
Conc: N.D.

Instrument :
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ClientSampleId :
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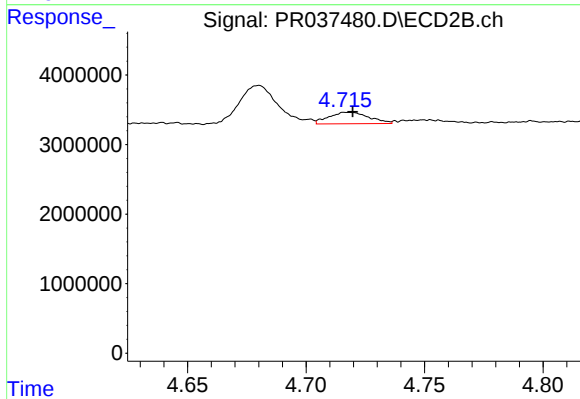
#17 AR-1242-2

R.T.: 4.463 min
Delta R.T.: -0.005 min
Response: 155479
Conc: 0.68 ng/ml



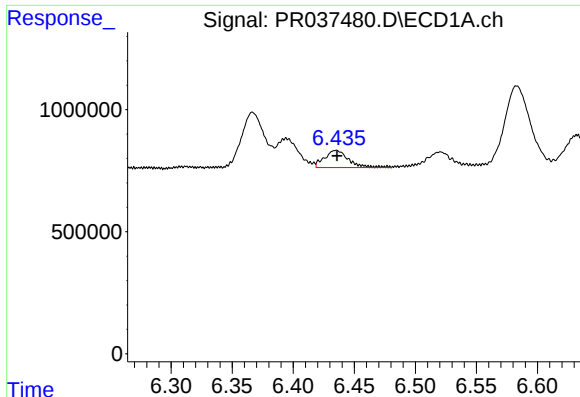
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.706 min
Response: 0
Conc: N.D.



#19 AR-1242-4

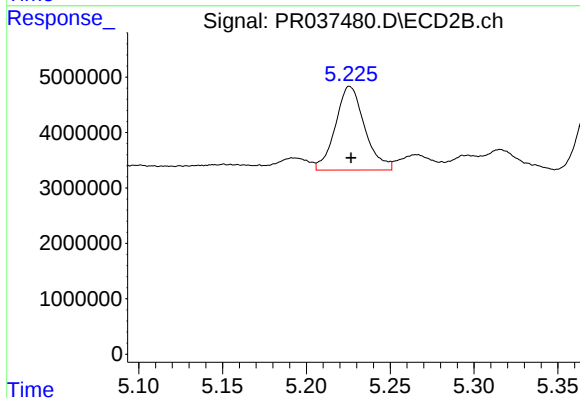
R.T.: 4.716 min
Delta R.T.: -0.003 min
Response: 1945736
Conc: 17.70 ng/ml



#20 AR-1242-5

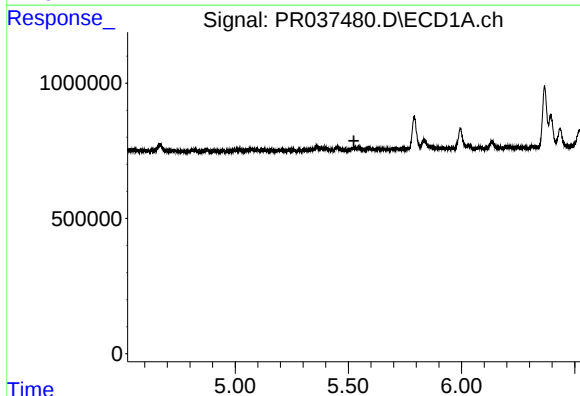
R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 970820
Conc: 30.17 ng/ml

Instrument :
ECD_R
ClientSampleId :
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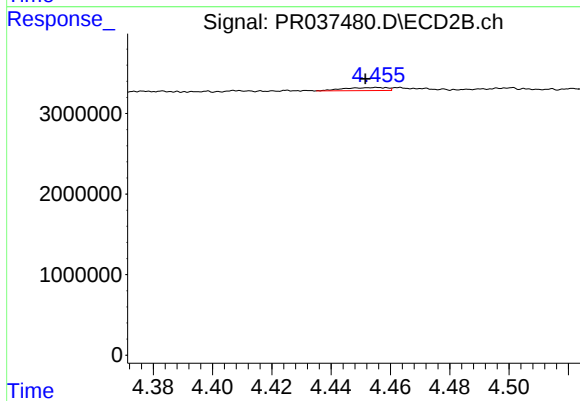
#20 AR-1242-5

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 18380133
Conc: 110.92 ng/ml



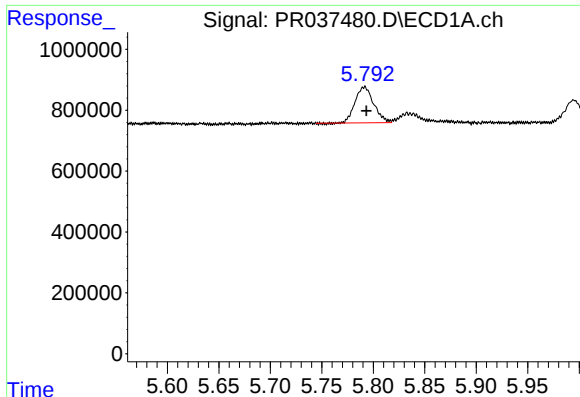
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.525 min
Response: 0
Conc: N.D.



#21 AR-1248-1

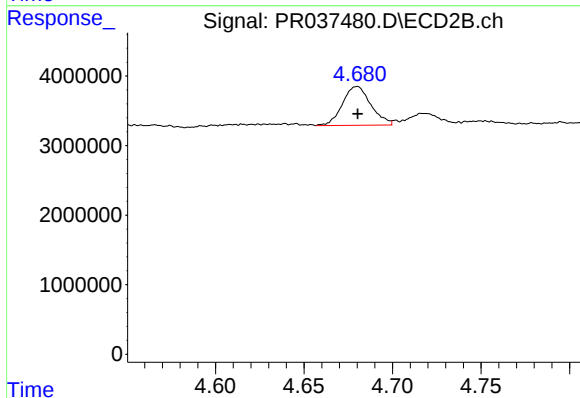
R.T.: 4.456 min
Delta R.T.: 0.004 min
Response: 383544
Conc: 3.81 ng/ml



#22 AR-1248-2

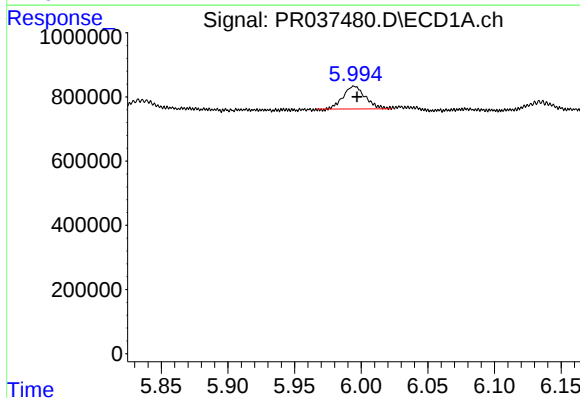
R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 1492366
Conc: 42.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



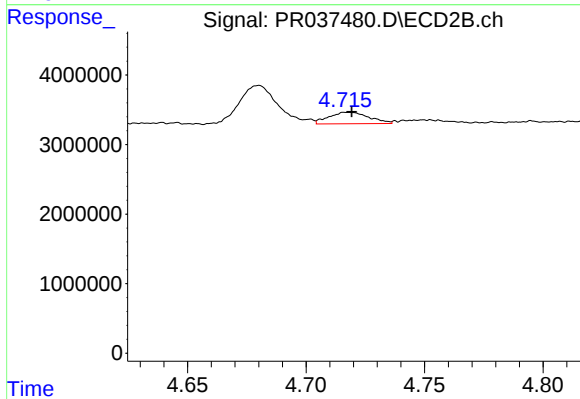
#22 AR-1248-2

R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 6240151
Conc: 45.72 ng/ml



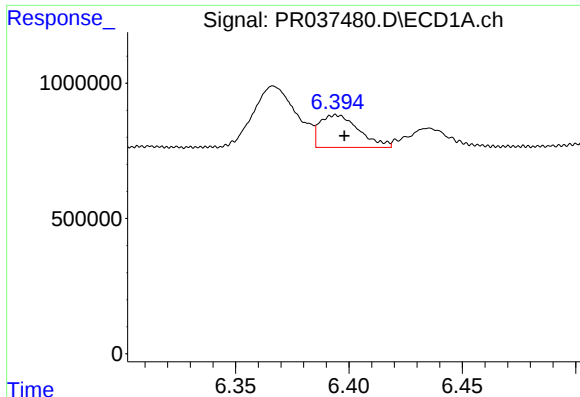
#23 AR-1248-3

R.T.: 5.995 min
Delta R.T.: -0.002 min
Response: 811558
Conc: 19.84 ng/ml



#23 AR-1248-3

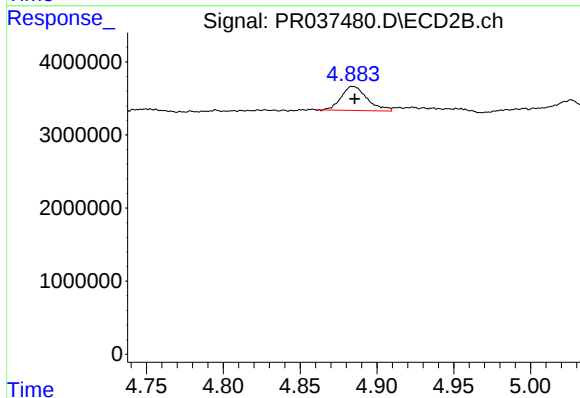
R.T.: 4.716 min
Delta R.T.: -0.003 min
Response: 1945736
Conc: 13.90 ng/ml



#24 AR-1248-4

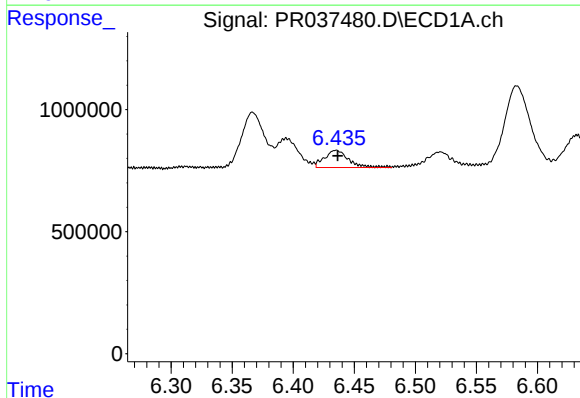
R.T.: 6.394 min
Delta R.T.: -0.004 min
Response: 1439698
Conc: 29.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



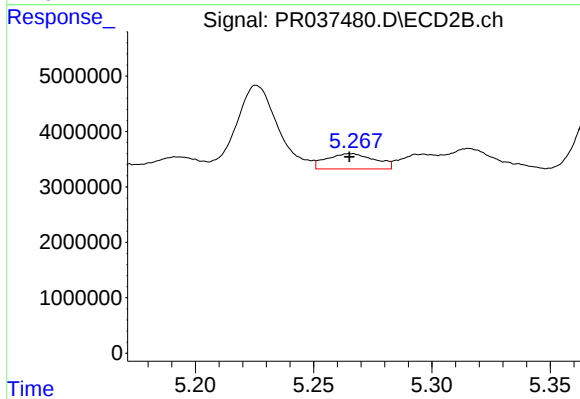
#24 AR-1248-4

R.T.: 4.884 min
Delta R.T.: -0.001 min
Response: 3870666
Conc: 21.75 ng/ml



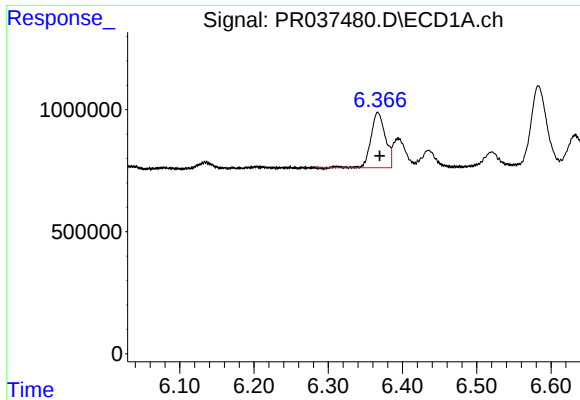
#25 AR-1248-5

R.T.: 6.435 min
Delta R.T.: -0.001 min
Response: 970820
Conc: 20.55 ng/ml



#25 AR-1248-5

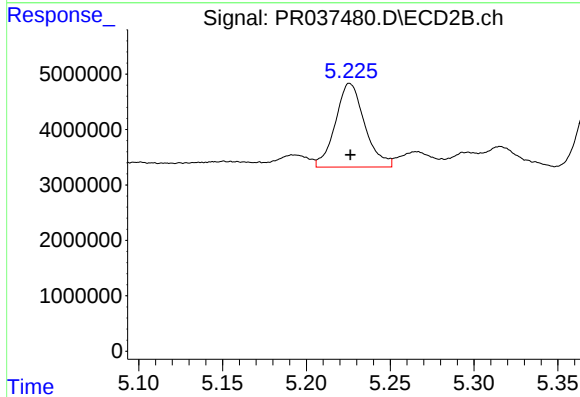
R.T.: 5.266 min
Delta R.T.: 0.001 min
Response: 3920866
Conc: 20.04 ng/ml



#26 AR-1254-1

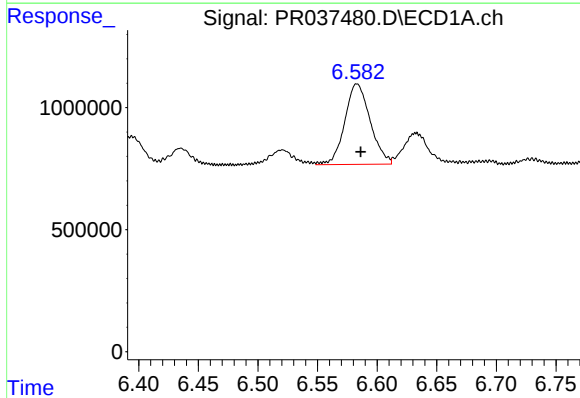
R.T.: 6.367 min
Delta R.T.: -0.003 min
Response: 3038924
Conc: 55.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



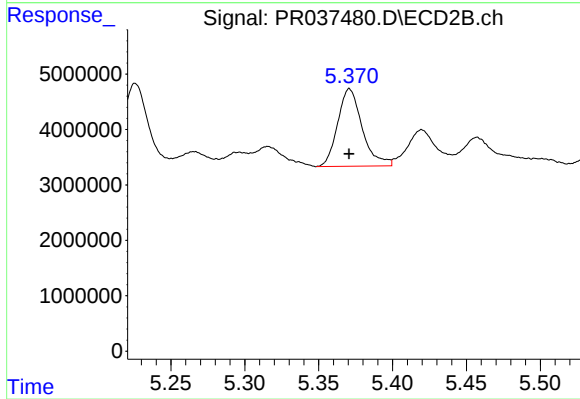
#26 AR-1254-1

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 18380133
Conc: 53.36 ng/ml



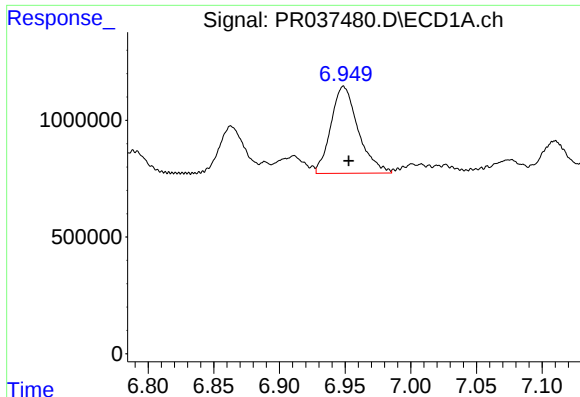
#27 AR-1254-2

R.T.: 6.583 min
Delta R.T.: -0.003 min
Response: 4893442
Conc: 57.10 ng/ml



#27 AR-1254-2

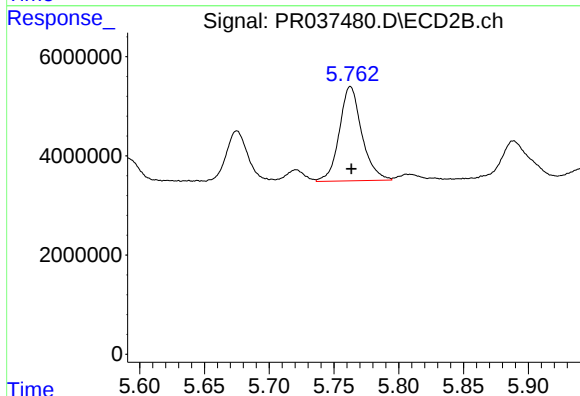
R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 16166041
Conc: 53.98 ng/ml



#28 AR-1254-3

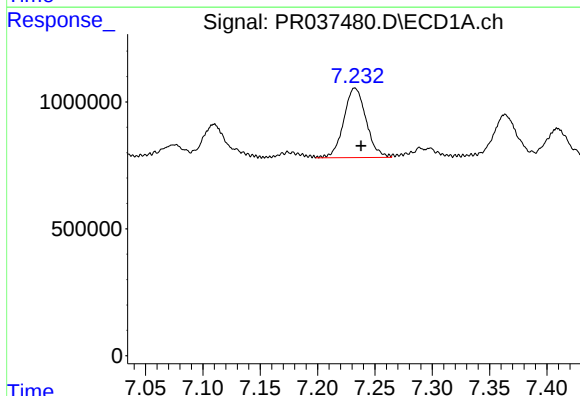
R.T.: 6.949 min
Delta R.T.: -0.004 min
Response: 5399165
Conc: 59.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



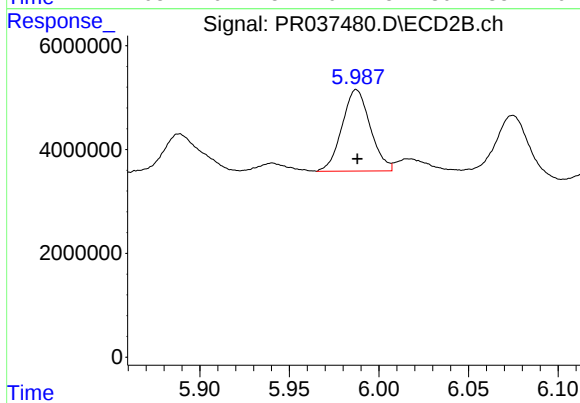
#28 AR-1254-3

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 22973022
Conc: 48.51 ng/ml



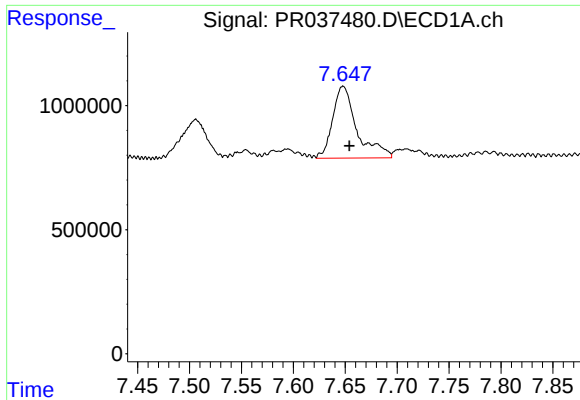
#29 AR-1254-4

R.T.: 7.233 min
Delta R.T.: -0.005 min
Response: 3722404
Conc: 55.55 ng/ml



#29 AR-1254-4

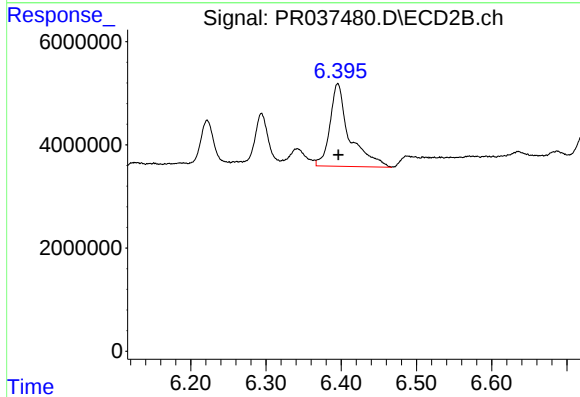
R.T.: 5.987 min
Delta R.T.: 0.000 min
Response: 17190276
Conc: 49.02 ng/ml



#30 AR-1254-5

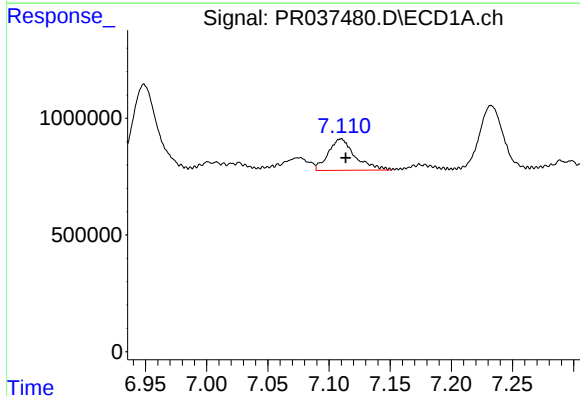
R.T.: 7.648 min
Delta R.T.: -0.006 min
Response: 4714057
Conc: 65.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



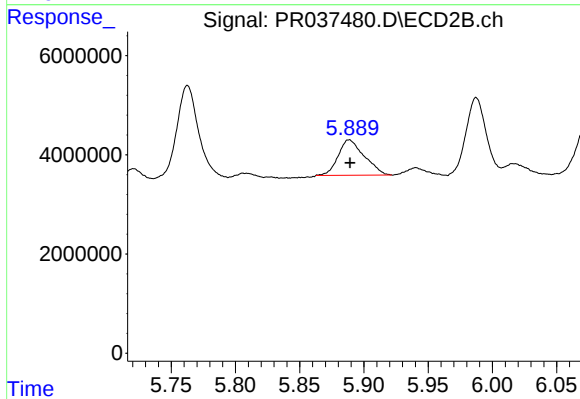
#30 AR-1254-5

R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 28897327
Conc: 65.26 ng/ml



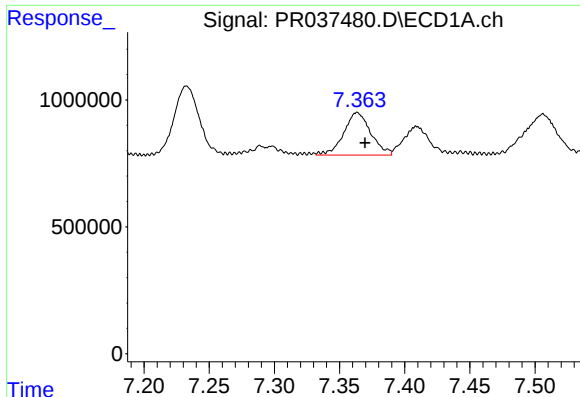
#31 AR-1260-1

R.T.: 7.110 min
Delta R.T.: -0.004 min
Response: 2043950
Conc: 30.98 ng/ml



#31 AR-1260-1

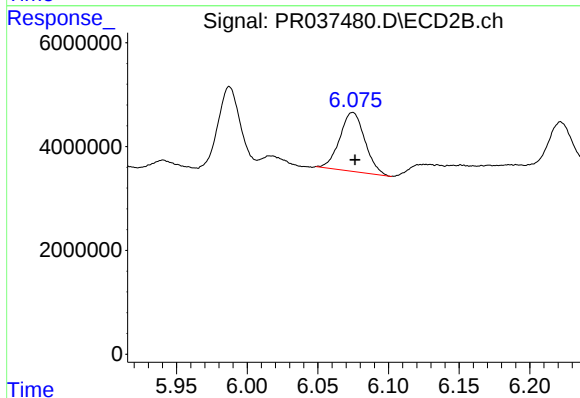
R.T.: 5.889 min
Delta R.T.: 0.000 min
Response: 10105006
Conc: 34.57 ng/ml



#32 AR-1260-2

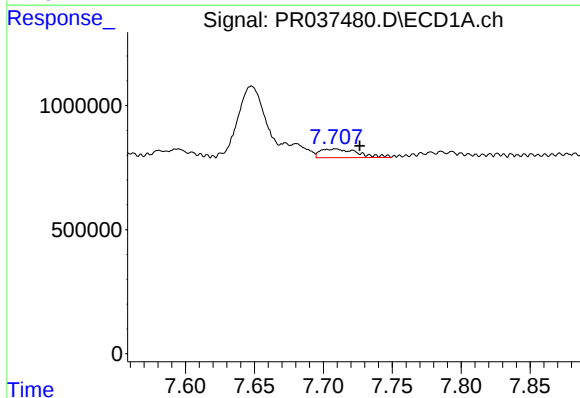
R.T.: 7.363 min
Delta R.T.: -0.006 min
Response: 2415613
Conc: 30.31 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



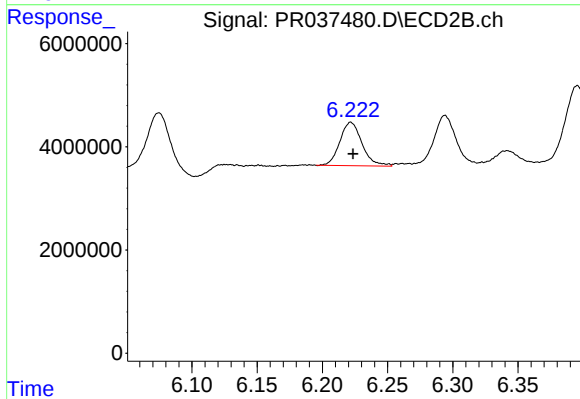
#32 AR-1260-2

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 14046759
Conc: 30.50 ng/ml



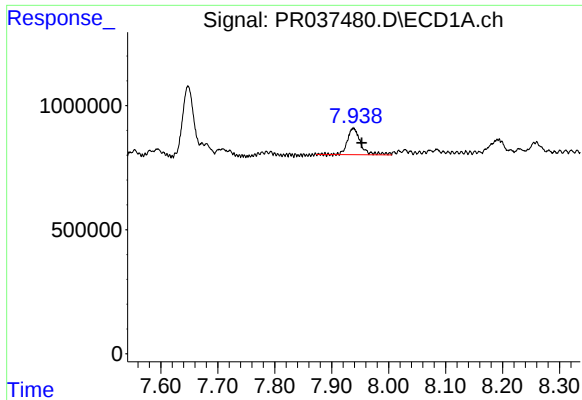
#33 AR-1260-3

R.T.: 7.709 min
Delta R.T.: -0.017 min
Response: 670558
Conc: 10.72 ng/ml



#33 AR-1260-3

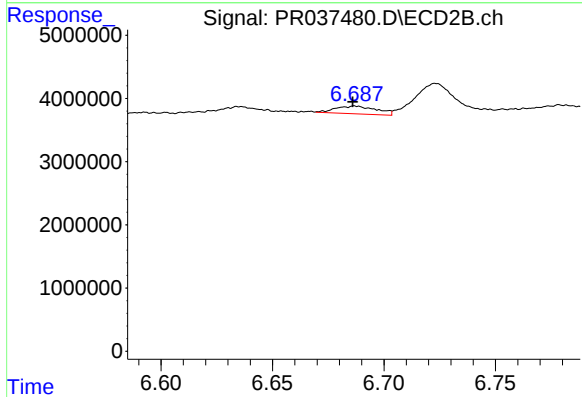
R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 9964403
Conc: 27.95 ng/ml



#34 AR-1260-4

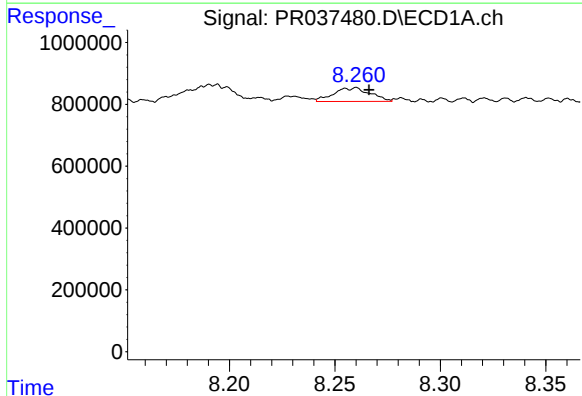
R.T.: 7.938 min
Delta R.T.: -0.015 min
Response: 1718531
Conc: 23.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



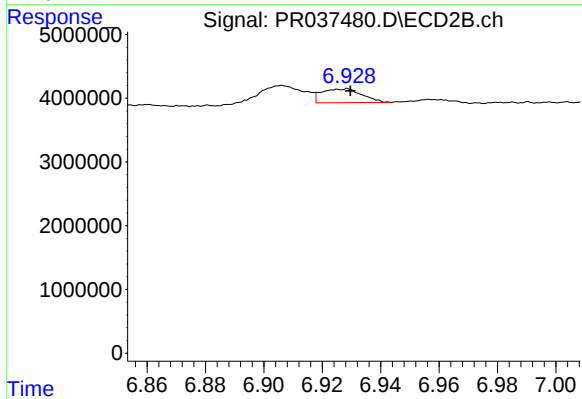
#34 AR-1260-4

R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 1584801
Conc: 5.20 ng/ml



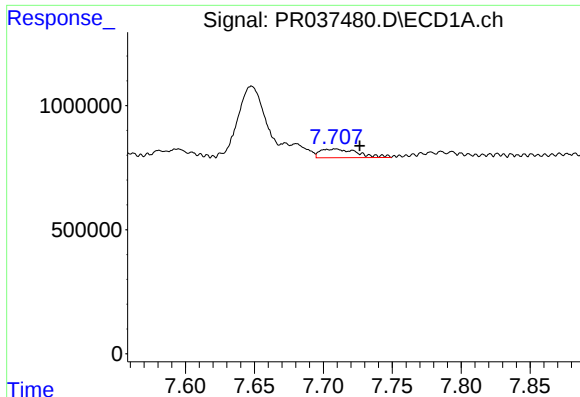
#35 AR-1260-5

R.T.: 8.260 min
Delta R.T.: -0.006 min
Response: 543798
Conc: 3.76 ng/ml



#35 AR-1260-5

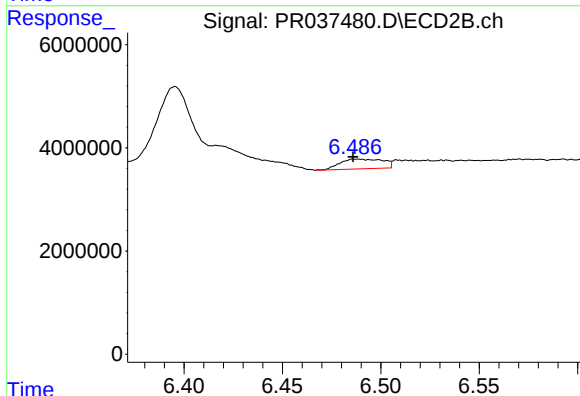
R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 2086782
Conc: 2.41 ng/ml



#36 AR-1262-1

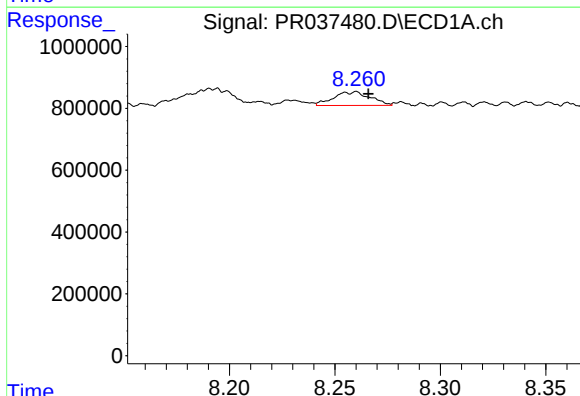
R.T.: 7.709 min
Delta R.T.: -0.017 min
Response: 670558
Conc: 6.42 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



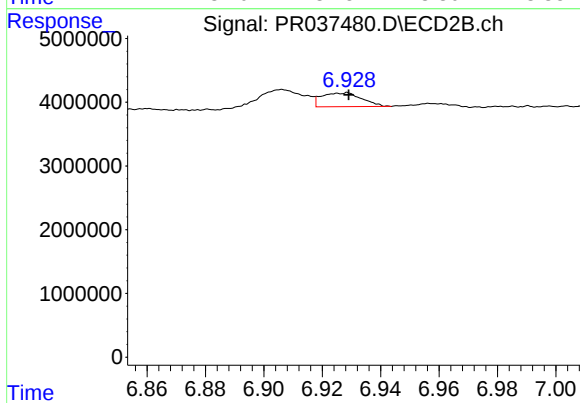
#36 AR-1262-1

R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 2862257
Conc: 11.42 ng/ml



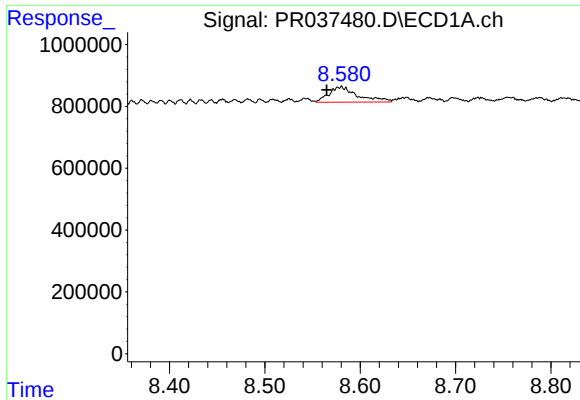
#37 AR-1262-2

R.T.: 8.260 min
Delta R.T.: -0.006 min
Response: 543798
Conc: 2.80 ng/ml



#37 AR-1262-2

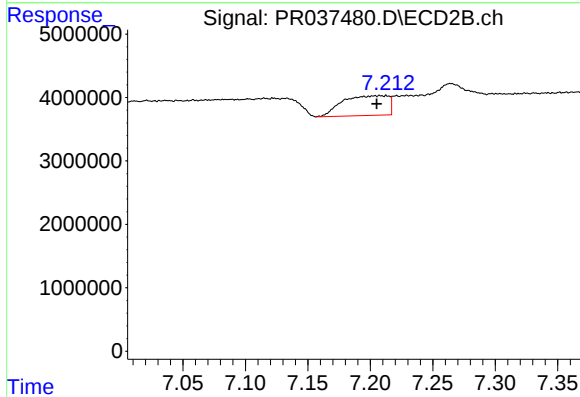
R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 2086782
Conc: 1.66 ng/ml



#38 AR-1262-3

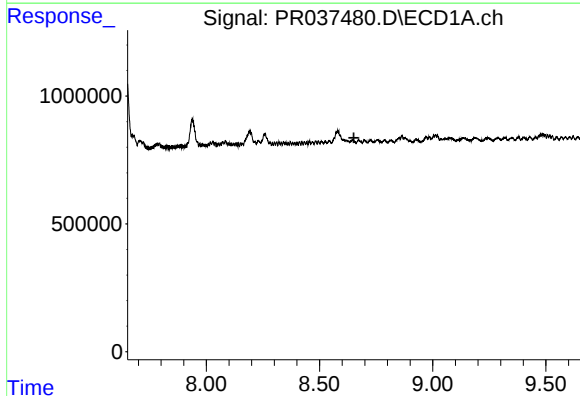
R.T.: 8.580 min
Delta R.T.: 0.015 min
Response: 1051575
Conc: 8.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



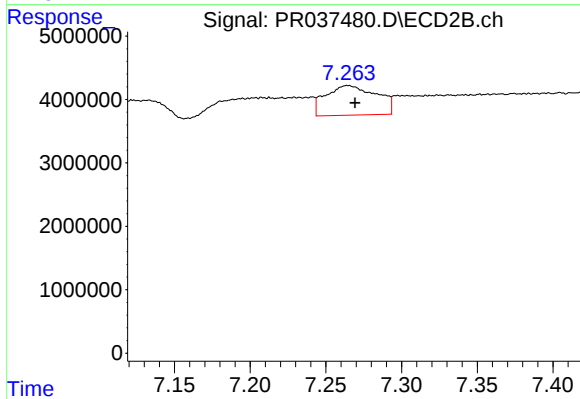
#38 AR-1262-3

R.T.: 7.207 min
Delta R.T.: 0.002 min
Response: 8017664
Conc: 14.62 ng/ml



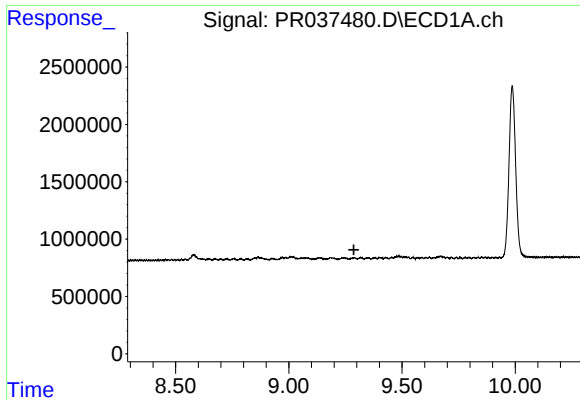
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.652 min
Response: 0
Conc: N.D.



#39 AR-1262-4

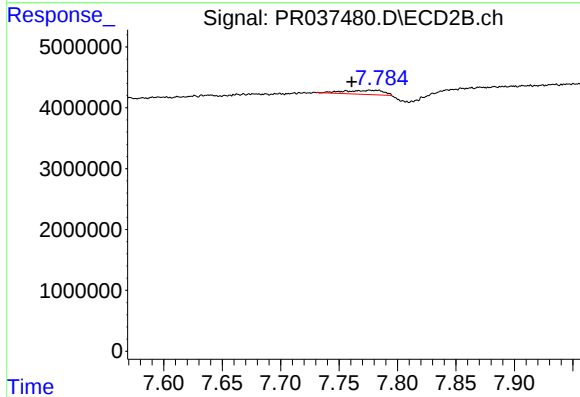
R.T.: 7.264 min
Delta R.T.: -0.005 min
Response: 10984024
Conc: 12.24 ng/ml



#40 AR-1262-5

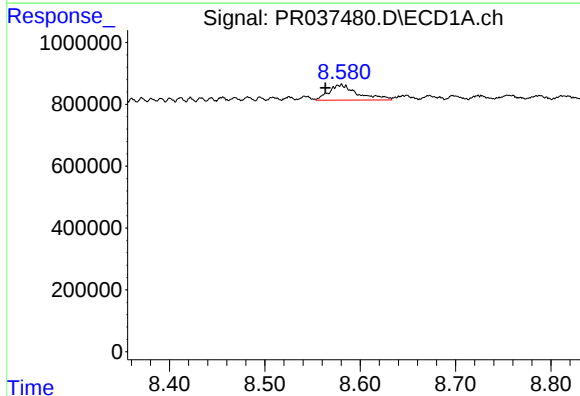
R.T.: 0.000 min
Exp R.T.: 9.287 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



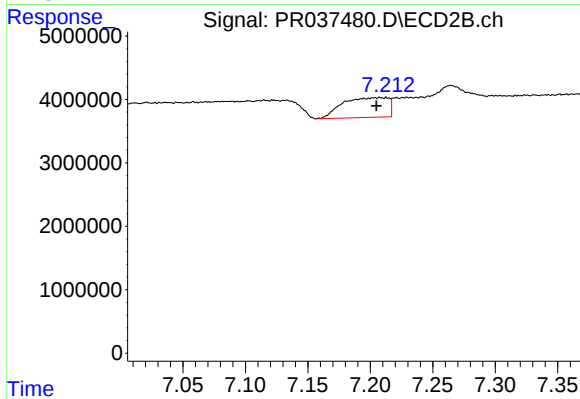
#40 AR-1262-5

R.T.: 7.776 min
Delta R.T.: 0.015 min
Response: 1552106
Conc: 4.06 ng/ml



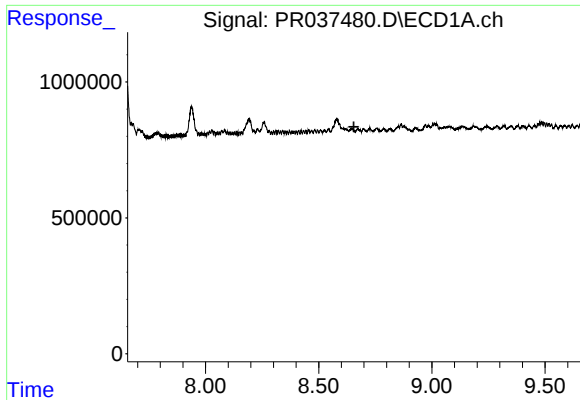
#41 AR-1268-1

R.T.: 8.580 min
Delta R.T.: 0.016 min
Response: 1051575
Conc: 5.87 ng/ml



#41 AR-1268-1

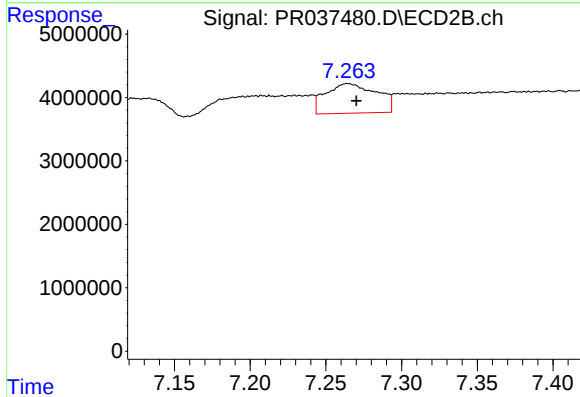
R.T.: 7.207 min
Delta R.T.: 0.003 min
Response: 8017664
Conc: 6.51 ng/ml



#42 AR-1268-2

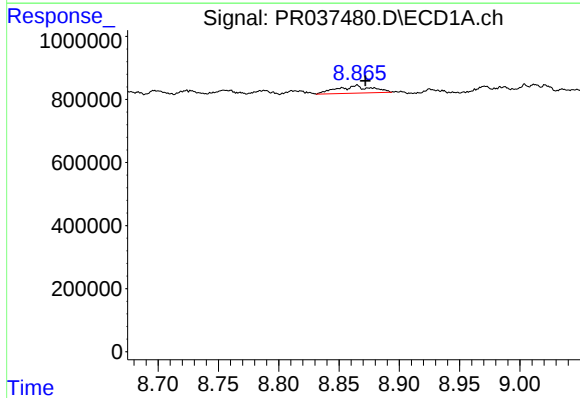
R.T.: 0.000 min
Exp R.T.: 8.655 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



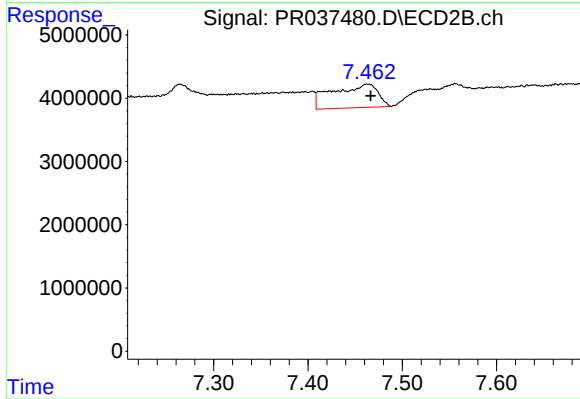
#42 AR-1268-2

R.T.: 7.264 min
Delta R.T.: -0.006 min
Response: 10984024
Conc: 10.37 ng/ml



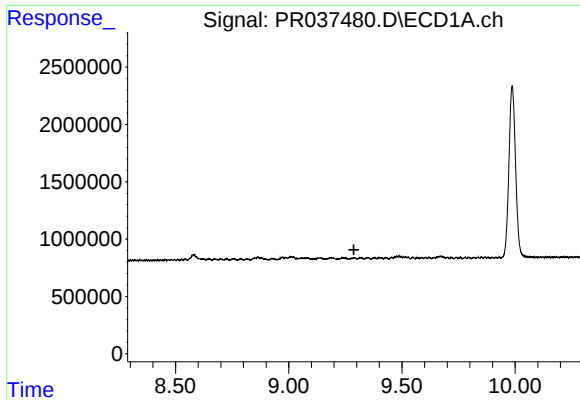
#43 AR-1268-3

R.T.: 8.865 min
Delta R.T.: -0.007 min
Response: 473091
Conc: 3.42 ng/ml



#43 AR-1268-3

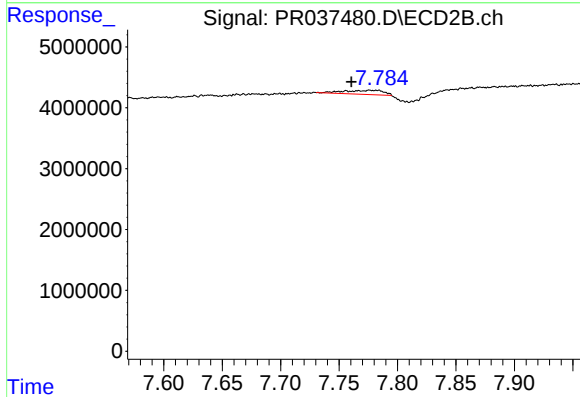
R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 12364602
Conc: 13.95 ng/ml



#44 AR-1268-4

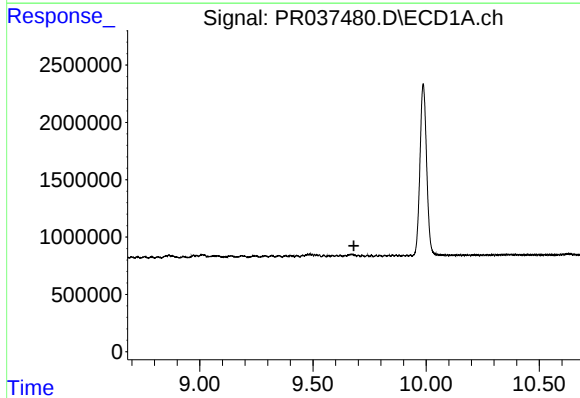
R.T.: 0.000 min
Exp R.T.: 9.288 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019



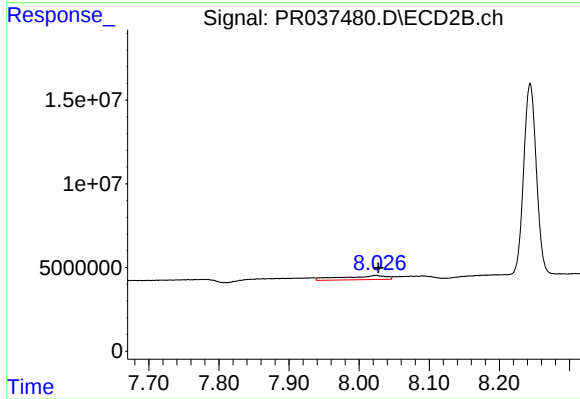
#44 AR-1268-4

R.T.: 7.776 min
Delta R.T.: 0.016 min
Response: 1552106
Conc: 4.28 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.681 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.025 min
Delta R.T.: -0.003 min
Response: 10569961
Conc: 4.15 ng/ml