

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012925\
 Data File : PP069318.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jan 2025 14:11
 Operator : YP\AJ
 Sample : Q1168-01
 Misc : AR1254 LOD 25 PPB
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 14:53:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 29 00:13:21 2025
 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...	4.534	3.841	29749979	19073302	20.783	21.370
2)	SA Decachlor...	10.283	8.913	24495185	23477422	22.413	20.990
Target Compounds							
3)	L1 AR-1016-1	5.623f	0.000	1450874	0	31.314	N.D. #
5)	L1 AR-1016-3	0.000	5.115	0	36497	N.D.	1.467 #
6)	L1 AR-1016-4	0.000	5.173	0	645918	N.D.	31.982 #
7)	L1 AR-1016-5	6.163	5.388	529258	668365	16.010	24.917 #
8)	L2 AR-1221-1	4.734	0.000	867876	0	45.631	N.D. #
9)	L2 AR-1221-2	4.835	4.145	422477	727476	30.855	75.126 #
10)	L2 AR-1221-3	4.835f	4.223	422477	45877	10.073	1.573 #
11)	L3 AR-1232-1	4.835f	4.223	422477	45877	12.689	1.954 #
13)	L3 AR-1232-3	0.000	5.115	0	36497	N.D.	2.819 #
14)	L3 AR-1232-4	0.000	5.213	0	225613	N.D.	20.351 #
15)	L3 AR-1232-5	5.960	5.388	634870	668365	55.387	54.738
16)	L4 AR-1242-1	5.623f	0.000	1450874	0	34.789	N.D. #
18)	L4 AR-1242-3	0.000	5.115	0	36497	N.D.	1.622 #
19)	L4 AR-1242-4	0.000	5.213	0	225613	N.D.	10.454 #
20)	L4 AR-1242-5	6.540f	5.742	2093092	1711315	64.236	59.486
21)	L5 AR-1248-1	5.623f	0.000	1450874	0	44.726	N.D. #
22)	L5 AR-1248-2	5.960	5.173	634870	645918	14.957	21.484 #
23)	L5 AR-1248-3	6.163	5.213	529258	225613	11.264	7.282 #
24)	L5 AR-1248-4	6.540	5.388	2093092	668365	37.972	18.091 #
25)	L5 AR-1248-5	6.540f	5.742f	2093092	1711315	39.208	45.770
26)	L6 AR-1254-1	6.540	5.742	2093092	1711315	36.173	31.083
27)	L6 AR-1254-2	6.757	5.891	2146426	1443636	26.749	29.846
28)	L6 AR-1254-3	7.118	6.296	2471184	2089398	29.318	27.530
29)	L6 AR-1254-4	7.401	6.525	2144482	1799287	31.450	35.108
30)	L6 AR-1254-5	7.819	6.945	2100320	1814268	30.866	27.257
31)	L7 AR-1260-1	7.285	6.428	955235	986002	16.347	20.444 #
32)	L7 AR-1260-2	7.539	6.615	1826305	983511	23.470	16.043 #
33)	L7 AR-1260-3	0.000	6.769	0	2114526	N.D.	35.150 #
34)	L7 AR-1260-4	8.105	7.244	909560	124784	13.786	2.685 #
35)	L7 AR-1260-5	0.000	7.460	0	367662	N.D.	3.308 #
36)	L8 AR-1262-1	8.105	7.015	909560	290812	11.511	4.095 #
37)	L8 AR-1262-2	0.000	7.244	0	124784	N.D.	2.046 #
38)	L8 AR-1262-3	0.000	7.782	0	419000	N.D.	8.012 #
39)	L8 AR-1262-4	0.000	7.827	0	327172	N.D.	3.539 #
40)	L8 AR-1262-5	0.000	8.337	0	45136	N.D.	0.944 #
41)	L9 AR-1268-1	0.000	7.782	0	419000	N.D.	2.887 #
42)	L9 AR-1268-2	0.000	7.827	0	327172	N.D.	2.463 #
44)	L9 AR-1268-4	0.000	8.337	0	45136	N.D.	0.867 #
45)	L9 AR-1268-5	0.000	8.640	0	161435	N.D.	0.453 #

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ECD_P
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 14:53:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jan 29 00:13:21 2025
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

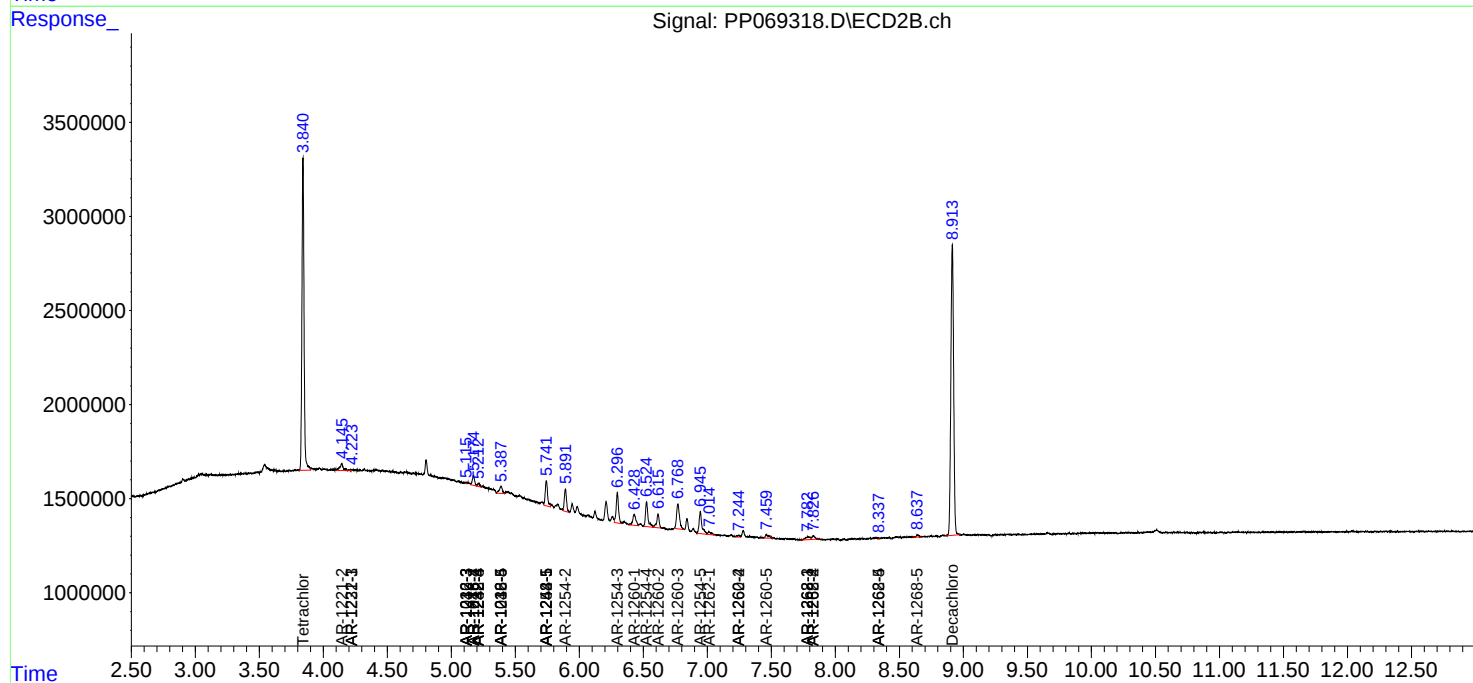
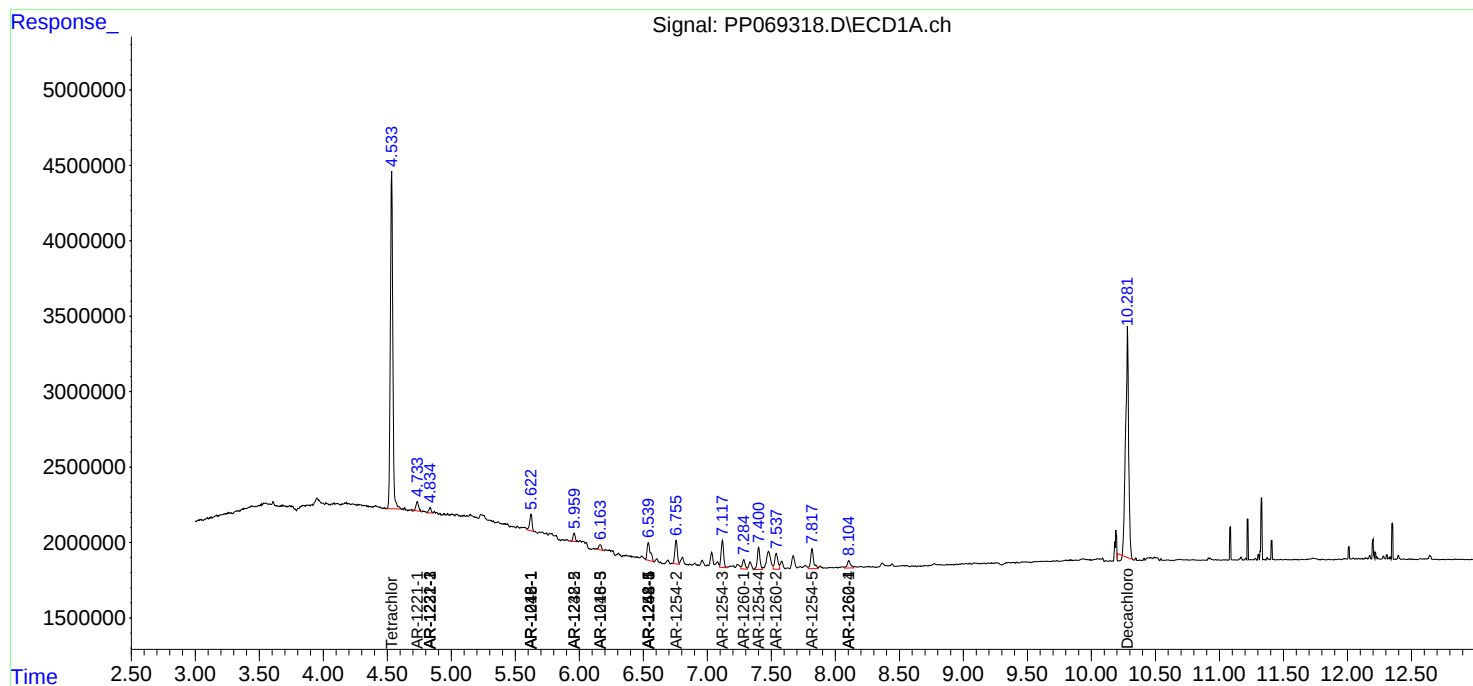
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

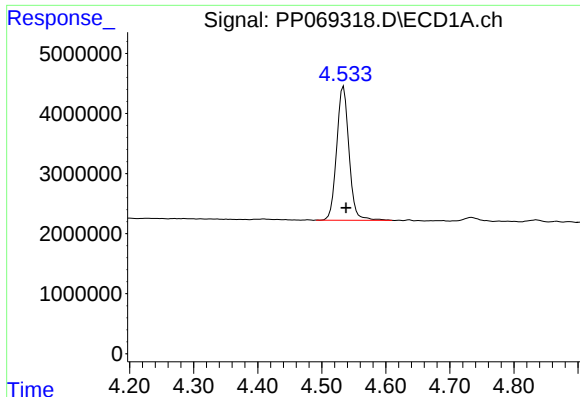
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP012925\
Data File : PP069318.D
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

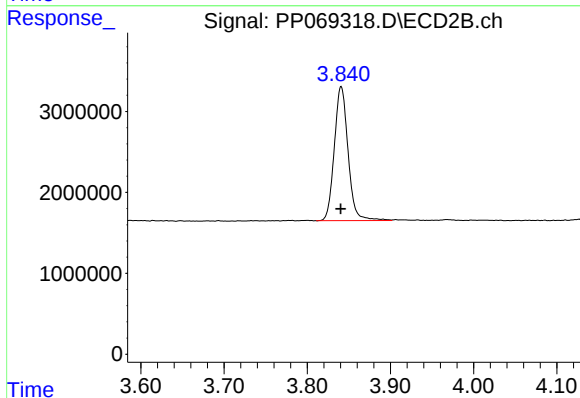




#1 Tetrachloro-m-xylene

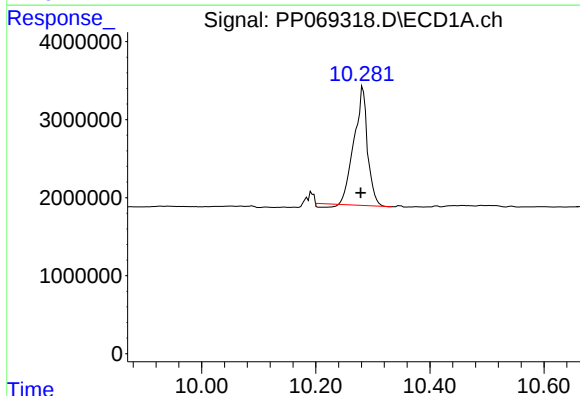
R.T.: 4.534 min
Delta R.T.: -0.004 min
Response: 29749979
Conc: 20.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



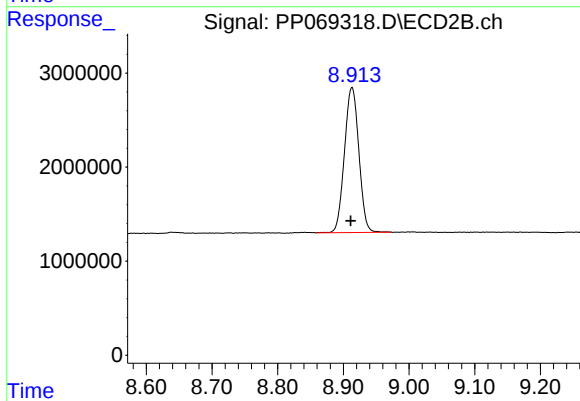
#1 Tetrachloro-m-xylene

R.T.: 3.841 min
Delta R.T.: 0.000 min
Response: 19073302
Conc: 21.37 ng/ml



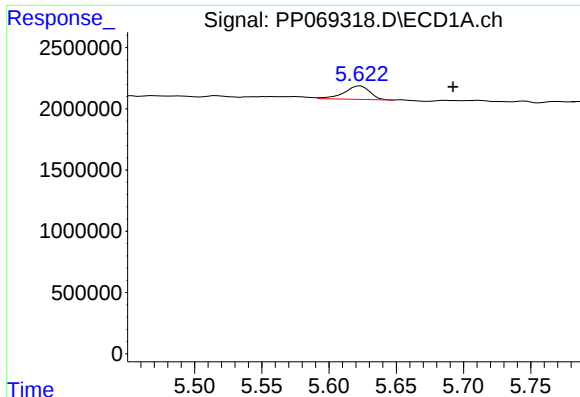
#2 Decachlorobiphenyl

R.T.: 10.283 min
Delta R.T.: 0.004 min
Response: 24495185
Conc: 22.41 ng/ml



#2 Decachlorobiphenyl

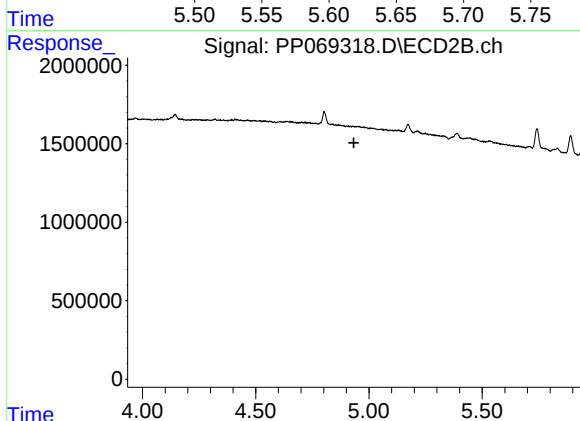
R.T.: 8.913 min
Delta R.T.: 0.002 min
Response: 23477422
Conc: 20.99 ng/ml



#3 AR-1016-1

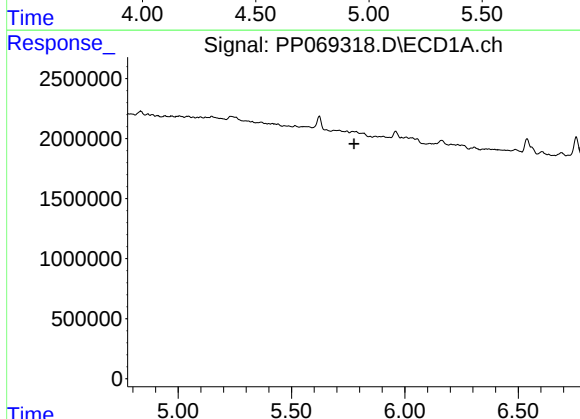
R.T.: 5.623 min
Delta R.T.: -0.069 min
Response: 1450874
Conc: 31.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



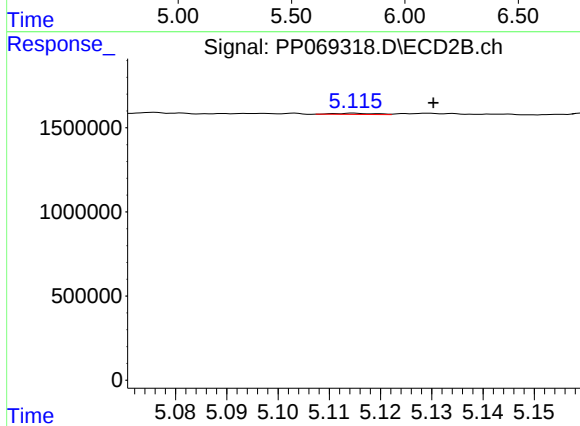
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.934 min
Response: 0
Conc: N.D.



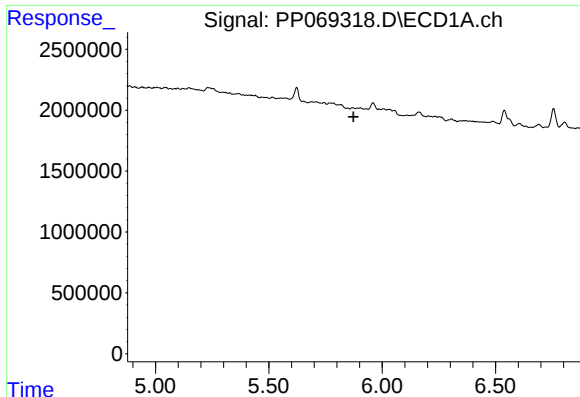
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.776 min
Response: 0
Conc: N.D.



#5 AR-1016-3

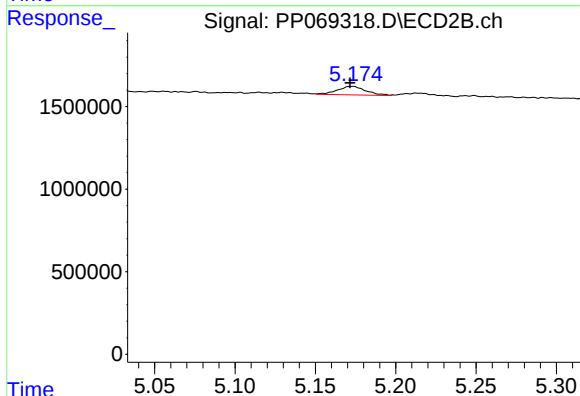
R.T.: 5.115 min
Delta R.T.: -0.016 min
Response: 36497
Conc: 1.47 ng/ml



#6 AR-1016-4

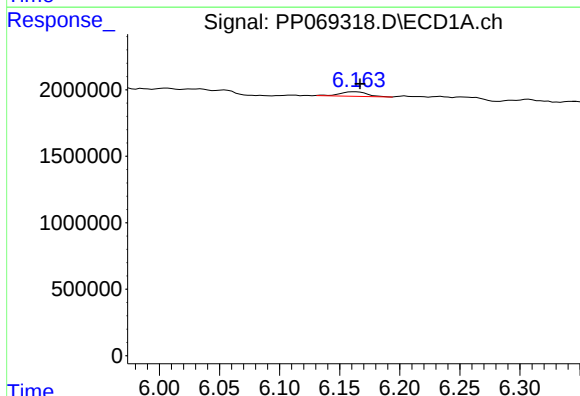
R.T.: 0.000 min
Exp R.T.: 5.874 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



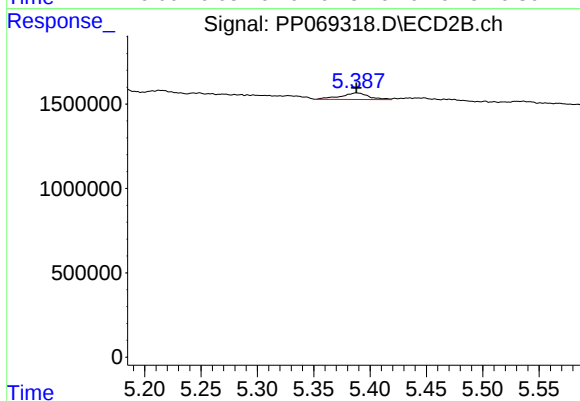
#6 AR-1016-4

R.T.: 5.173 min
Delta R.T.: 0.001 min
Response: 645918
Conc: 31.98 ng/ml



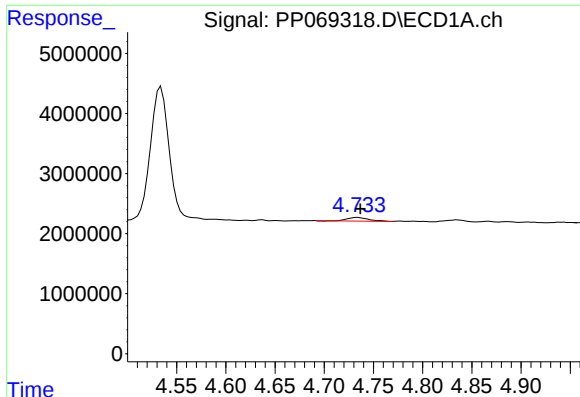
#7 AR-1016-5

R.T.: 6.163 min
Delta R.T.: -0.004 min
Response: 529258
Conc: 16.01 ng/ml



#7 AR-1016-5

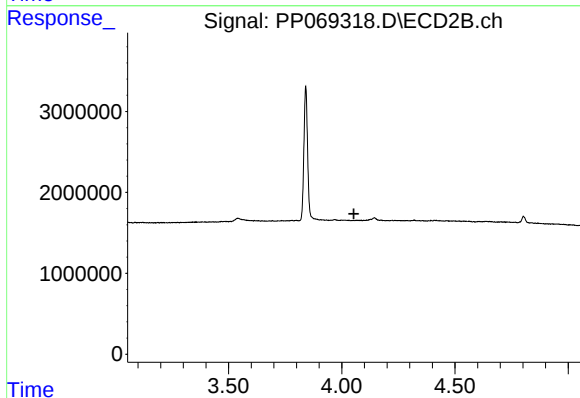
R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 668365
Conc: 24.92 ng/ml



#8 AR-1221-1

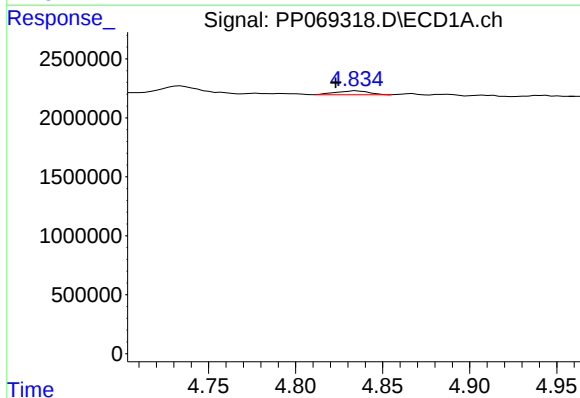
R.T.: 4.734 min
Delta R.T.: -0.003 min
Response: 867876
Conc: 45.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



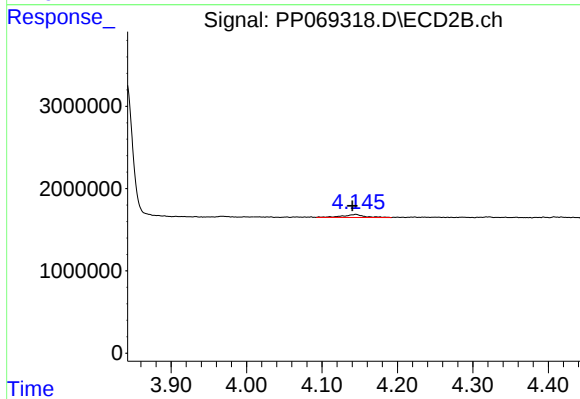
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.054 min
Response: 0
Conc: N.D.



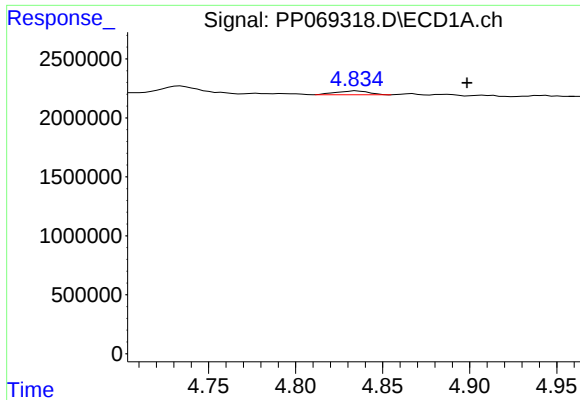
#9 AR-1221-2

R.T.: 4.835 min
Delta R.T.: 0.012 min
Response: 422477
Conc: 30.85 ng/ml



#9 AR-1221-2

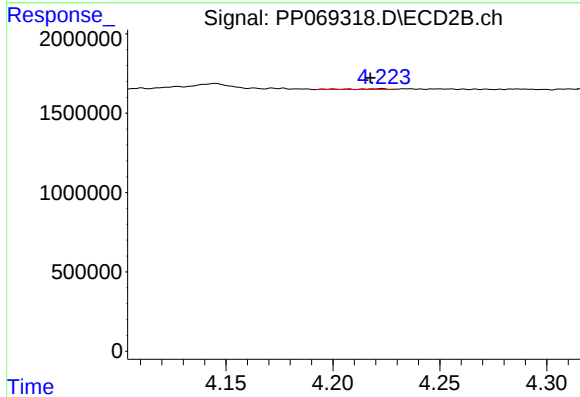
R.T.: 4.145 min
Delta R.T.: 0.005 min
Response: 727476
Conc: 75.13 ng/ml



#10 AR-1221-3

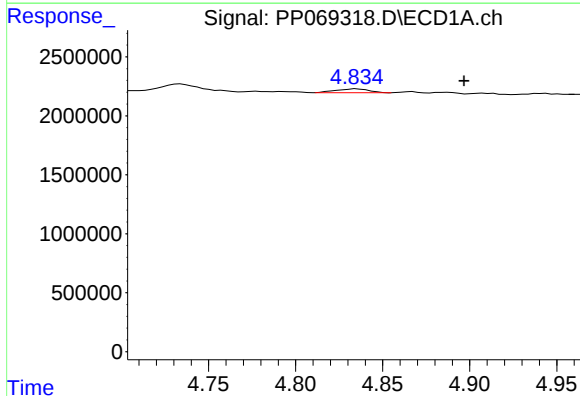
R.T.: 4.835 min
Delta R.T.: -0.064 min
Response: 422477
Conc: 10.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



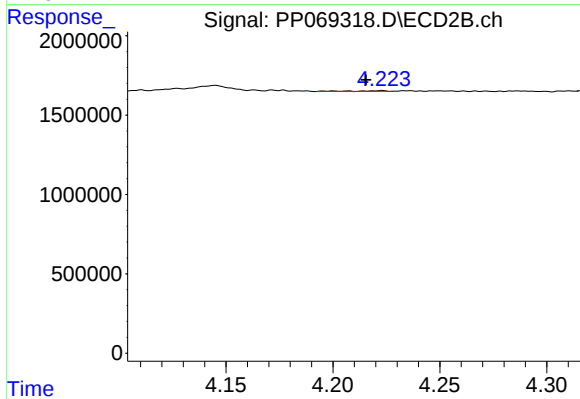
#10 AR-1221-3

R.T.: 4.223 min
Delta R.T.: 0.005 min
Response: 45877
Conc: 1.57 ng/ml



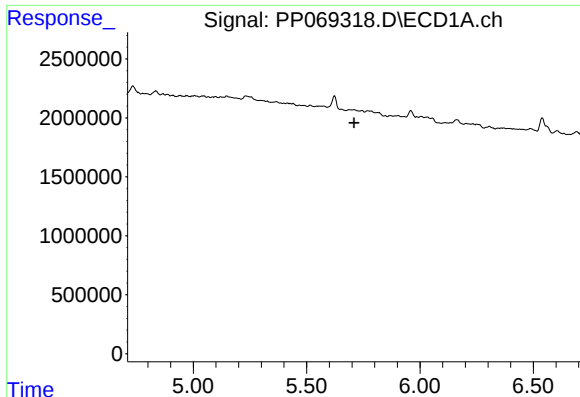
#11 AR-1232-1

R.T.: 4.835 min
Delta R.T.: -0.062 min
Response: 422477
Conc: 12.69 ng/ml



#11 AR-1232-1

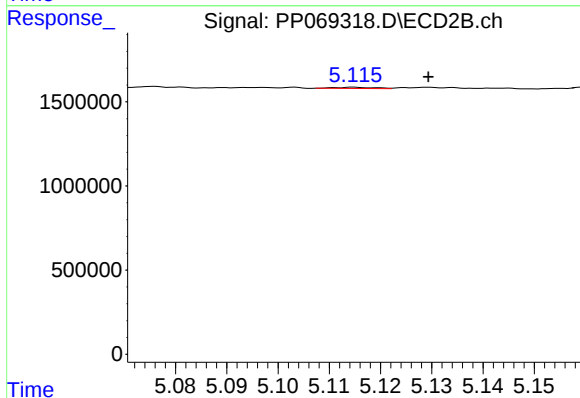
R.T.: 4.223 min
Delta R.T.: 0.007 min
Response: 45877
Conc: 1.95 ng/ml



#13 AR-1232-3

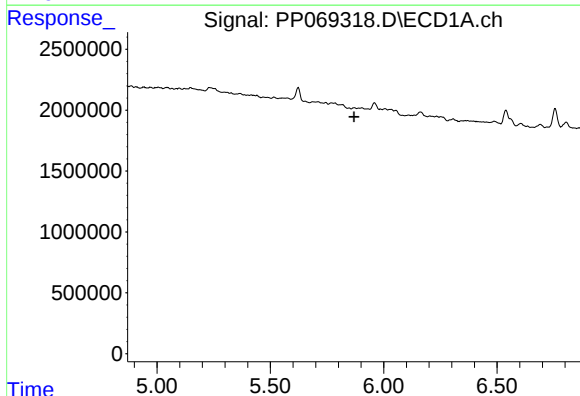
R.T.: 0.000 min
Exp R.T.: 5.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



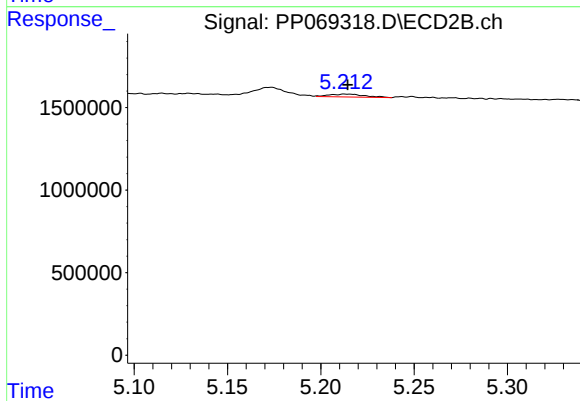
#13 AR-1232-3

R.T.: 5.115 min
Delta R.T.: -0.015 min
Response: 36497
Conc: 2.82 ng/ml



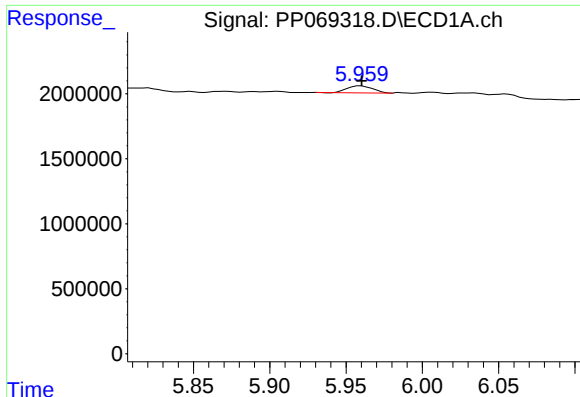
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 5.870 min
Response: 0
Conc: N.D.



#14 AR-1232-4

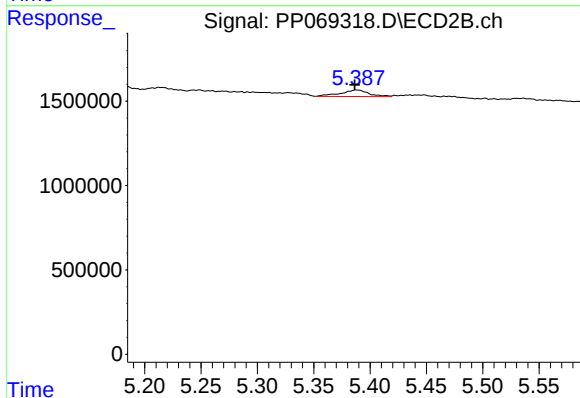
R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 225613
Conc: 20.35 ng/ml



#15 AR-1232-5

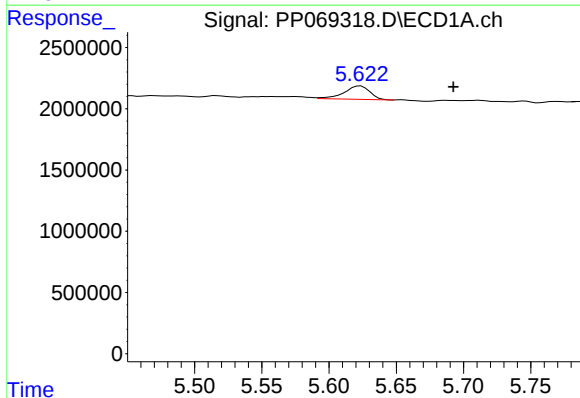
R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 634870
Conc: 55.39 ng/ml

Instrument :
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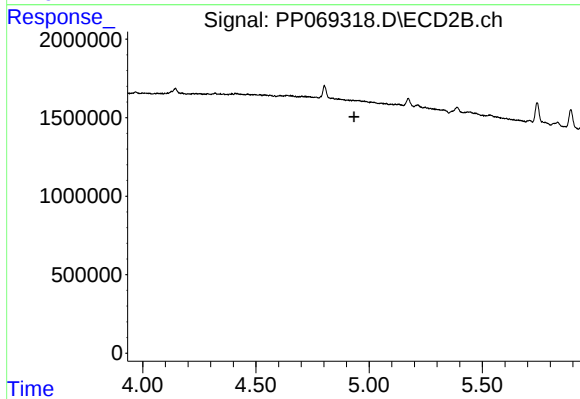
#15 AR-1232-5

R.T.: 5.388 min
Delta R.T.: 0.002 min
Response: 668365
Conc: 54.74 ng/ml



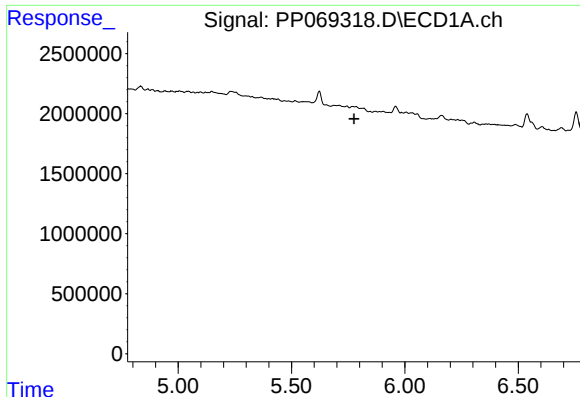
#16 AR-1242-1

R.T.: 5.623 min
Delta R.T.: -0.069 min
Response: 1450874
Conc: 34.79 ng/ml



#16 AR-1242-1

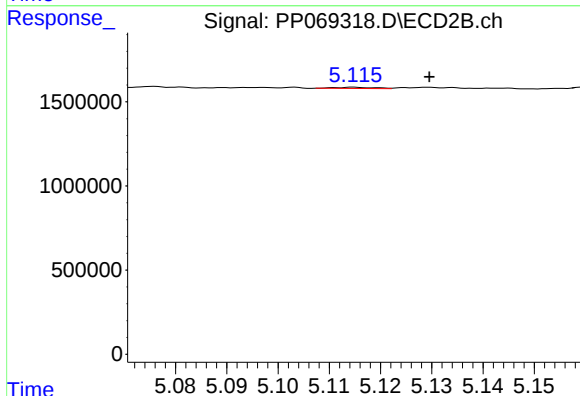
R.T.: 0.000 min
Exp R.T. : 4.933 min
Response: 0
Conc: N.D.



#18 AR-1242-3

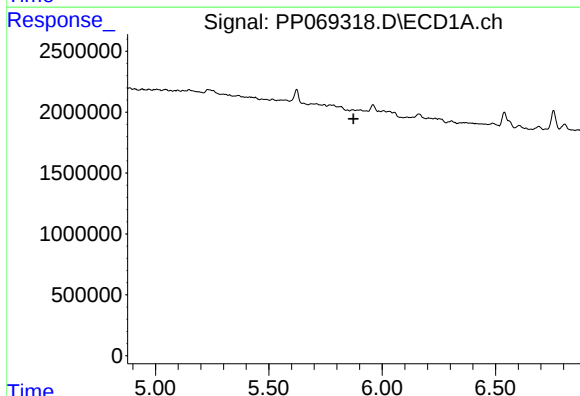
R.T.: 0.000 min
Exp R.T.: 5.776 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
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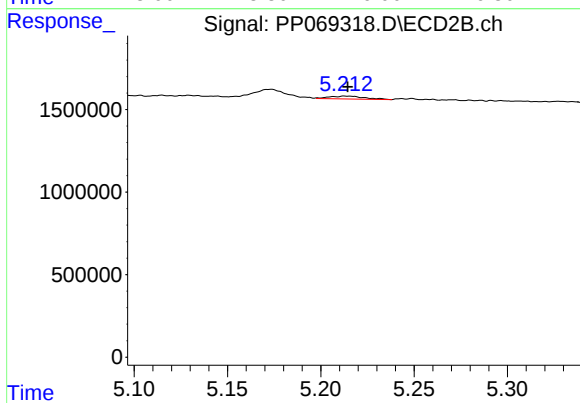
#18 AR-1242-3

R.T.: 5.115 min
Delta R.T.: -0.015 min
Response: 36497
Conc: 1.62 ng/ml



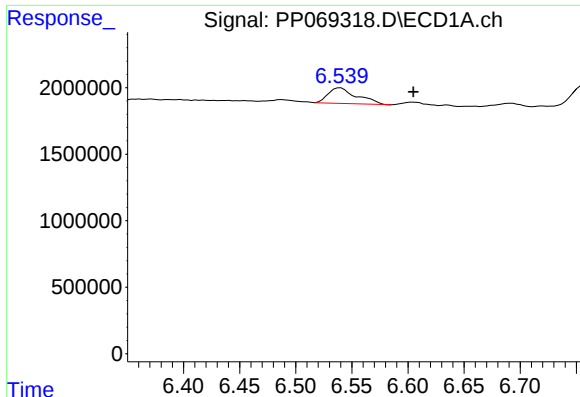
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T.: 5.874 min
Response: 0
Conc: N.D.



#19 AR-1242-4

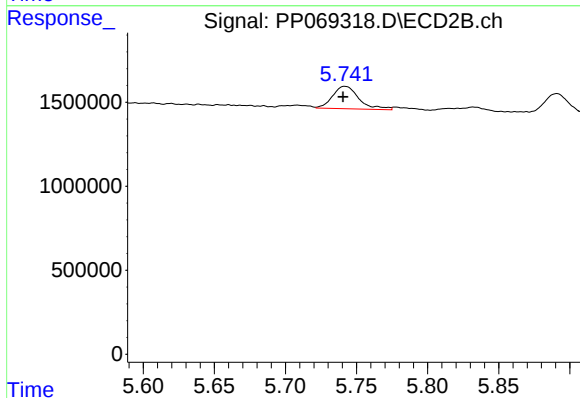
R.T.: 5.213 min
Delta R.T.: 0.000 min
Response: 225613
Conc: 10.45 ng/ml



#20 AR-1242-5

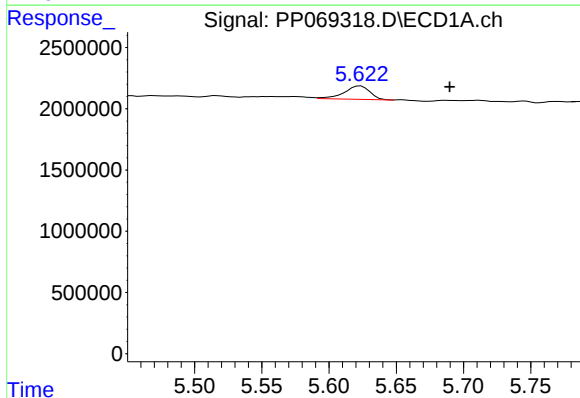
R.T.: 6.540 min
Delta R.T.: -0.065 min
Response: 2093092
Conc: 64.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



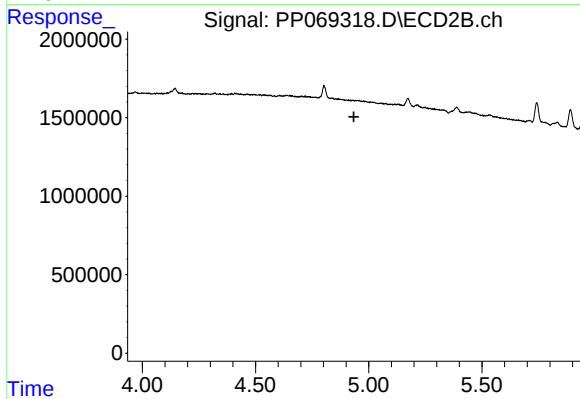
#20 AR-1242-5

R.T.: 5.742 min
Delta R.T.: 0.001 min
Response: 1711315
Conc: 59.49 ng/ml



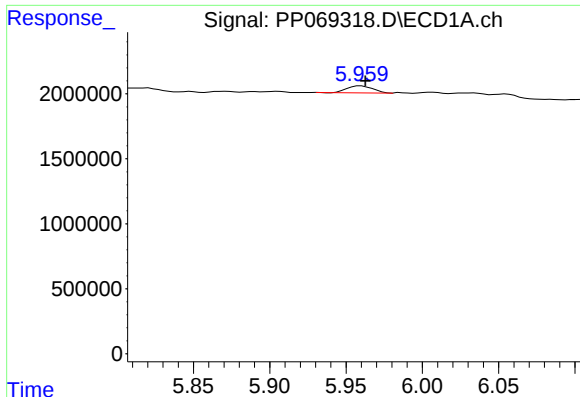
#21 AR-1248-1

R.T.: 5.623 min
Delta R.T.: -0.066 min
Response: 1450874
Conc: 44.73 ng/ml



#21 AR-1248-1

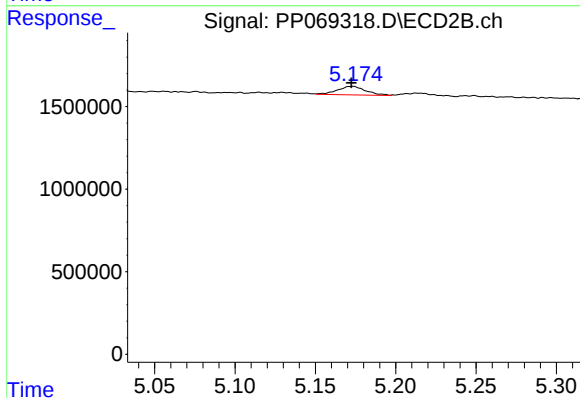
R.T.: 0.000 min
Exp R.T.: 4.934 min
Response: 0
Conc: N.D.



#22 AR-1248-2

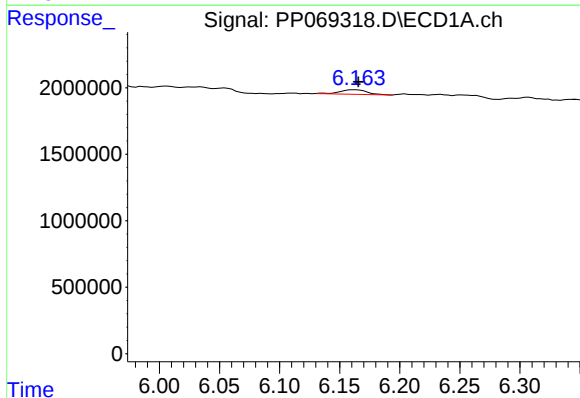
R.T.: 5.960 min
Delta R.T.: -0.003 min
Response: 634870
Conc: 14.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



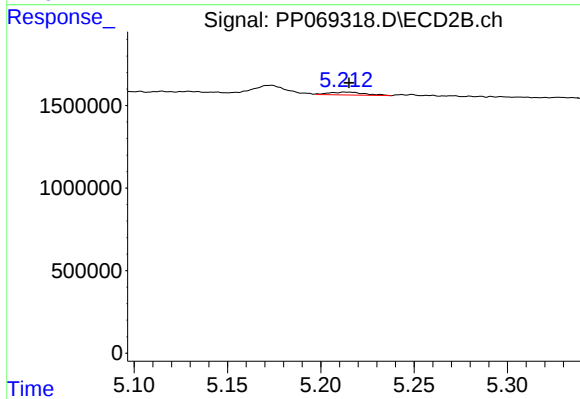
#22 AR-1248-2

R.T.: 5.173 min
Delta R.T.: 0.000 min
Response: 645918
Conc: 21.48 ng/ml



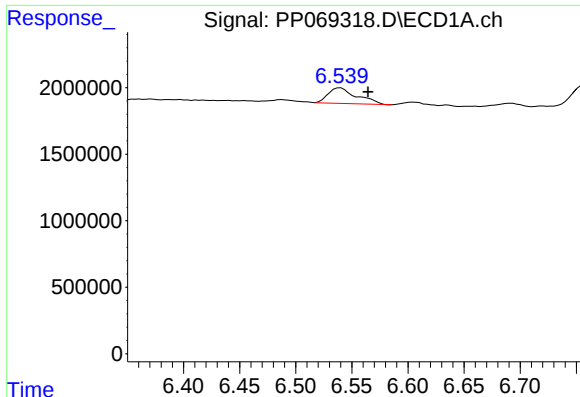
#23 AR-1248-3

R.T.: 6.163 min
Delta R.T.: -0.002 min
Response: 529258
Conc: 11.26 ng/ml



#23 AR-1248-3

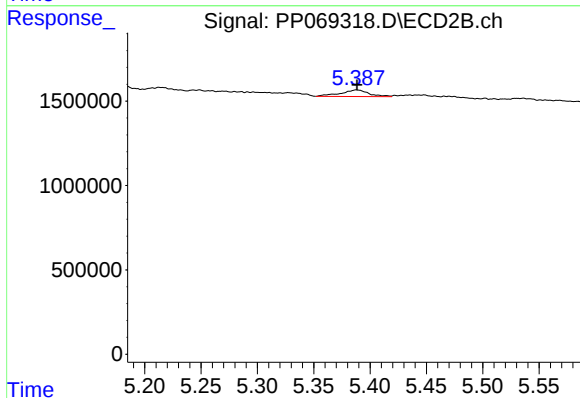
R.T.: 5.213 min
Delta R.T.: -0.002 min
Response: 225613
Conc: 7.28 ng/ml



#24 AR-1248-4

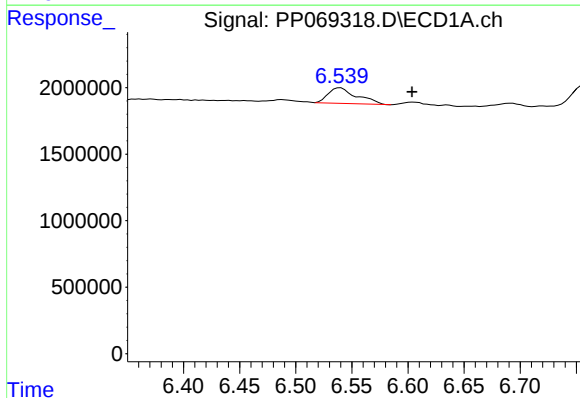
R.T.: 6.540 min
Delta R.T.: -0.025 min
Response: 2093092
Conc: 37.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



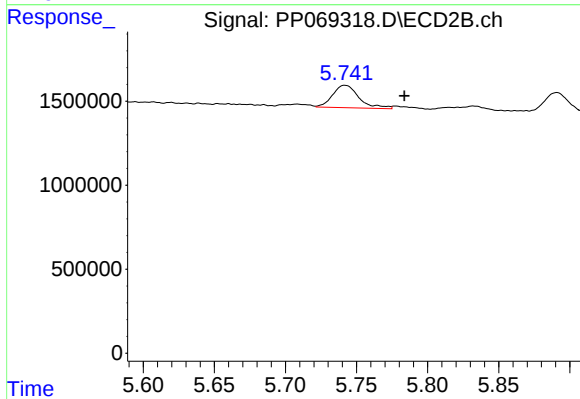
#24 AR-1248-4

R.T.: 5.388 min
Delta R.T.: 0.000 min
Response: 668365
Conc: 18.09 ng/ml



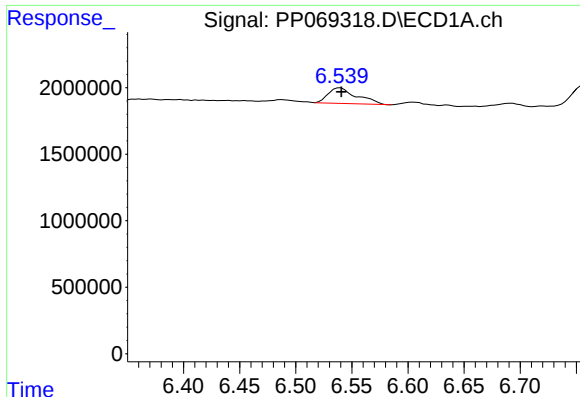
#25 AR-1248-5

R.T.: 6.540 min
Delta R.T.: -0.064 min
Response: 2093092
Conc: 39.21 ng/ml



#25 AR-1248-5

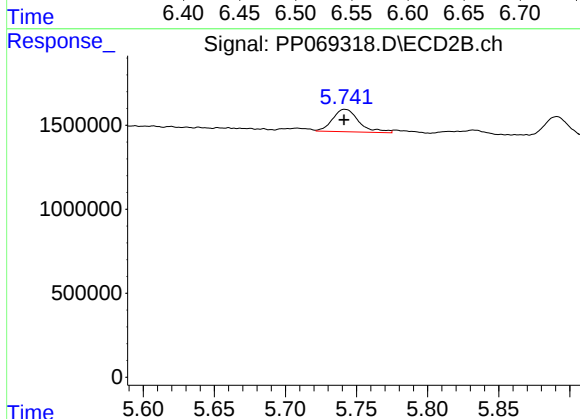
R.T.: 5.742 min
Delta R.T.: -0.042 min
Response: 1711315
Conc: 45.77 ng/ml



#26 AR-1254-1

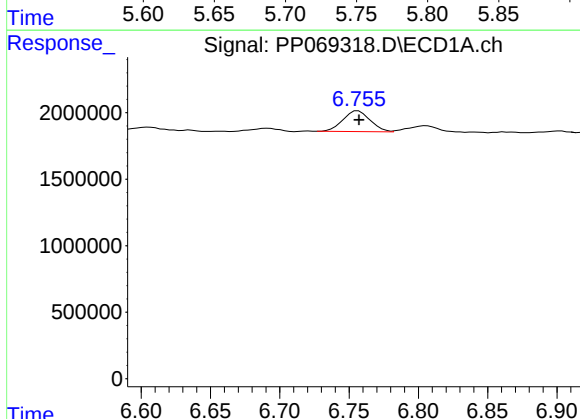
R.T.: 6.540 min
Delta R.T.: 0.000 min
Response: 2093092
Conc: 36.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



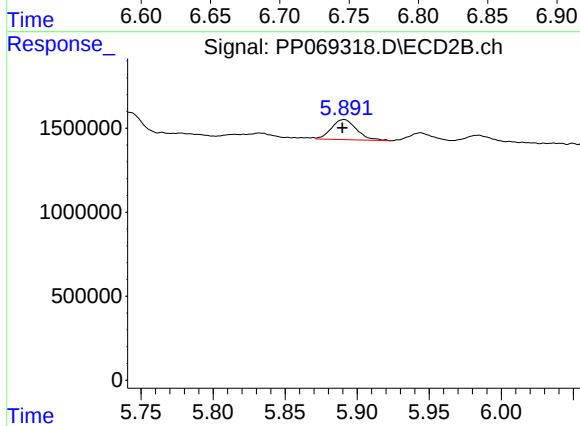
#26 AR-1254-1

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 1711315
Conc: 31.08 ng/ml



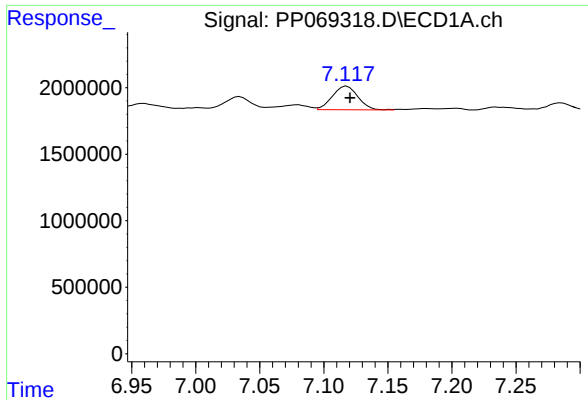
#27 AR-1254-2

R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 2146426
Conc: 26.75 ng/ml



#27 AR-1254-2

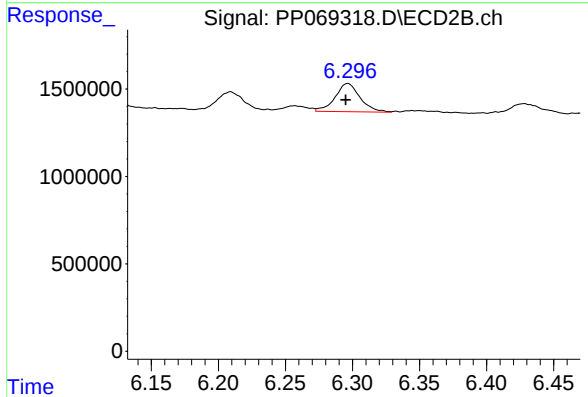
R.T.: 5.891 min
Delta R.T.: 0.001 min
Response: 1443636
Conc: 29.85 ng/ml



#28 AR-1254-3

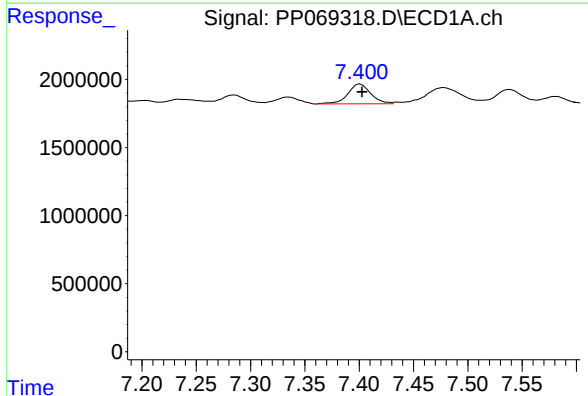
R.T.: 7.118 min
Delta R.T.: -0.002 min
Response: 2471184
Conc: 29.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



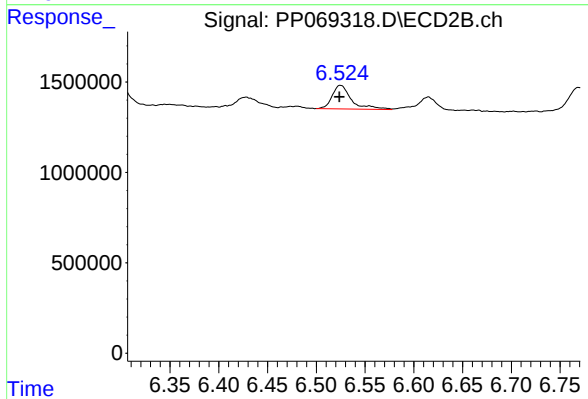
#28 AR-1254-3

R.T.: 6.296 min
Delta R.T.: 0.002 min
Response: 2089398
Conc: 27.53 ng/ml



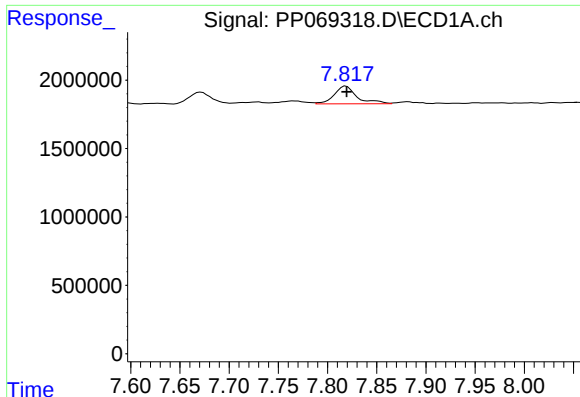
#29 AR-1254-4

R.T.: 7.401 min
Delta R.T.: -0.002 min
Response: 2144482
Conc: 31.45 ng/ml



#29 AR-1254-4

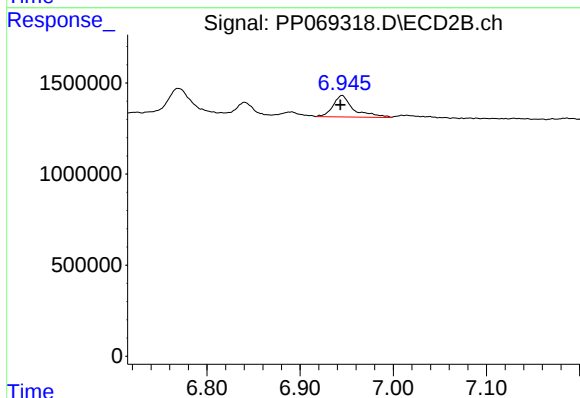
R.T.: 6.525 min
Delta R.T.: 0.001 min
Response: 1799287
Conc: 35.11 ng/ml



#30 AR-1254-5

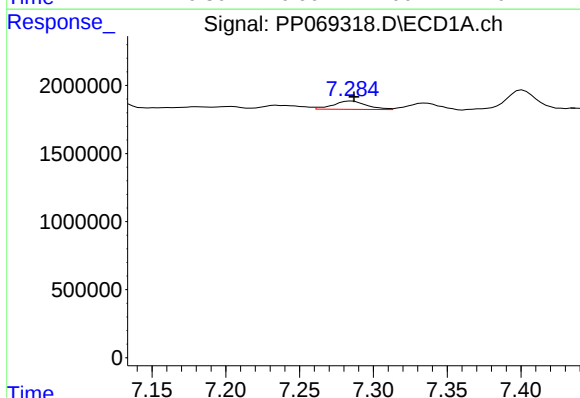
R.T.: 7.819 min
Delta R.T.: 0.000 min
Response: 2100320
Conc: 30.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



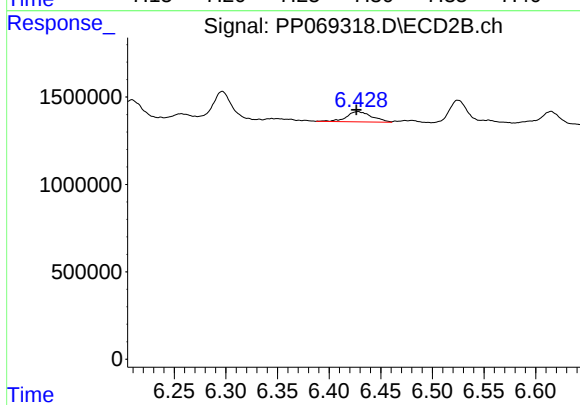
#30 AR-1254-5

R.T.: 6.945 min
Delta R.T.: 0.002 min
Response: 1814268
Conc: 27.26 ng/ml



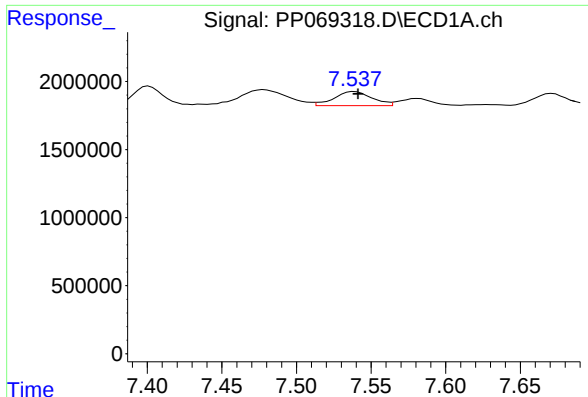
#31 AR-1260-1

R.T.: 7.285 min
Delta R.T.: -0.001 min
Response: 955235
Conc: 16.35 ng/ml



#31 AR-1260-1

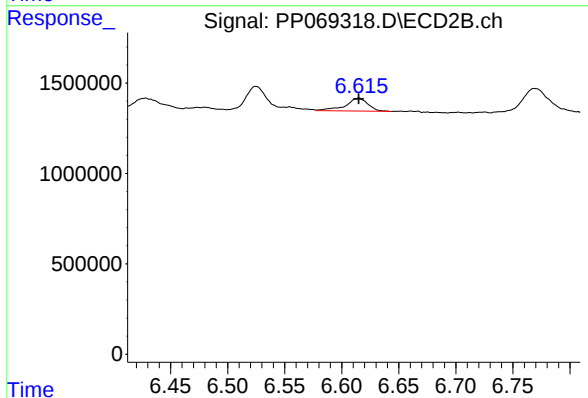
R.T.: 6.428 min
Delta R.T.: 0.001 min
Response: 986002
Conc: 20.44 ng/ml



#32 AR-1260-2

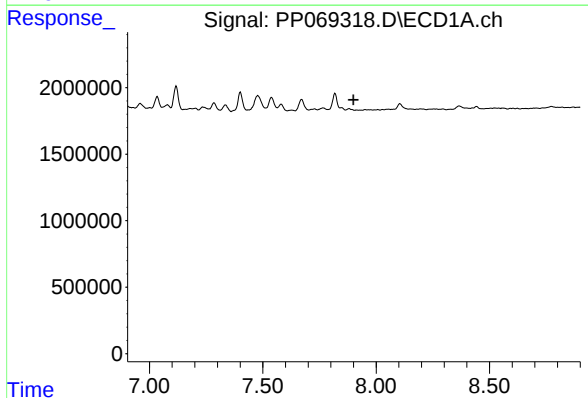
R.T.: 7.539 min
Delta R.T.: -0.002 min
Response: 1826305
Conc: 23.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



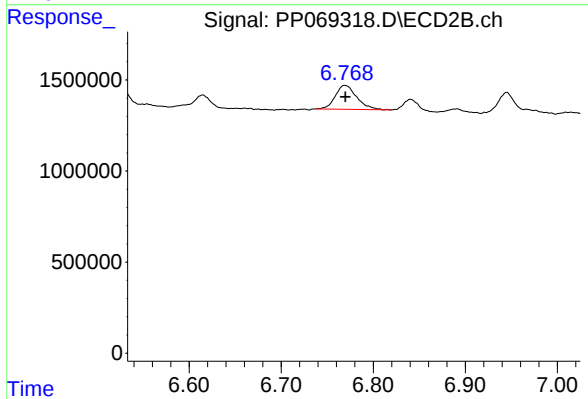
#32 AR-1260-2

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 983511
Conc: 16.04 ng/ml



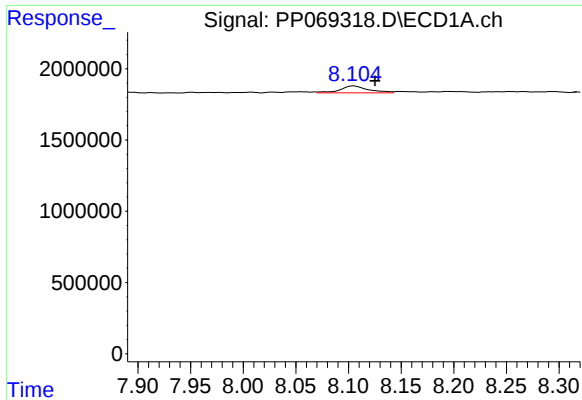
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T. : 7.900 min
Response: 0
Conc: N.D.



#33 AR-1260-3

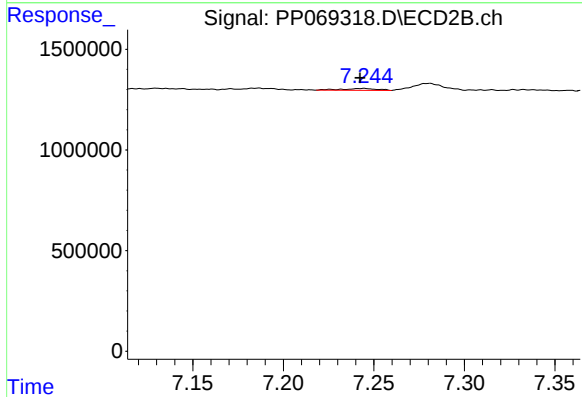
R.T.: 6.769 min
Delta R.T.: 0.000 min
Response: 2114526
Conc: 35.15 ng/ml



#34 AR-1260-4

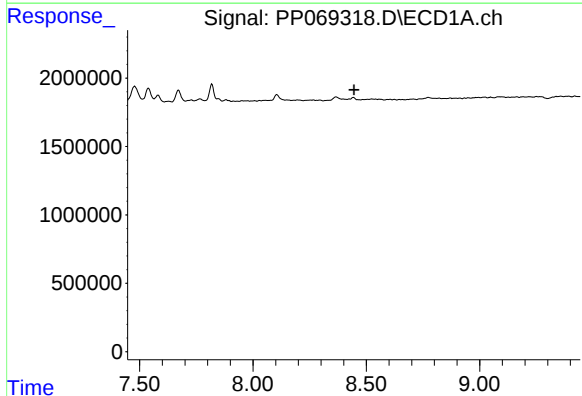
R.T.: 8.105 min
Delta R.T.: -0.020 min
Response: 909560
Conc: 13.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



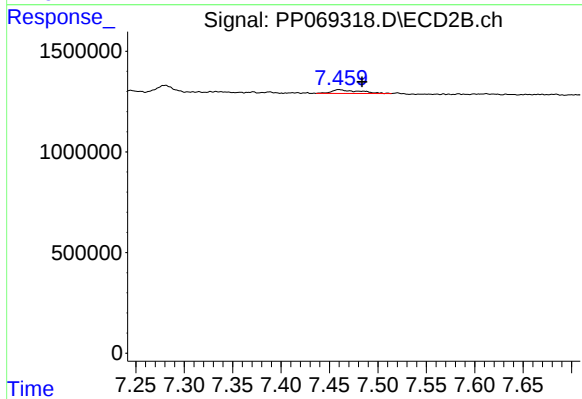
#34 AR-1260-4

R.T.: 7.244 min
Delta R.T.: 0.002 min
Response: 124784
Conc: 2.69 ng/ml



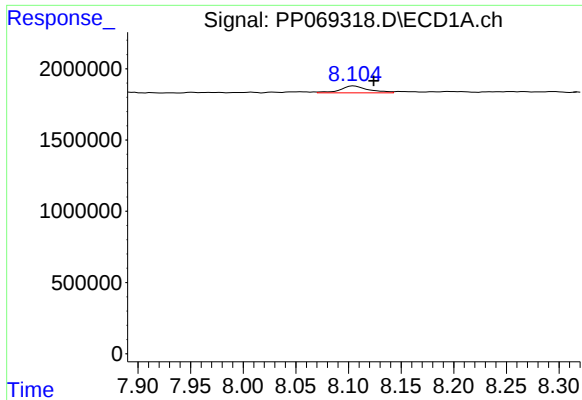
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.447 min
Response: 0
Conc: N.D.



#35 AR-1260-5

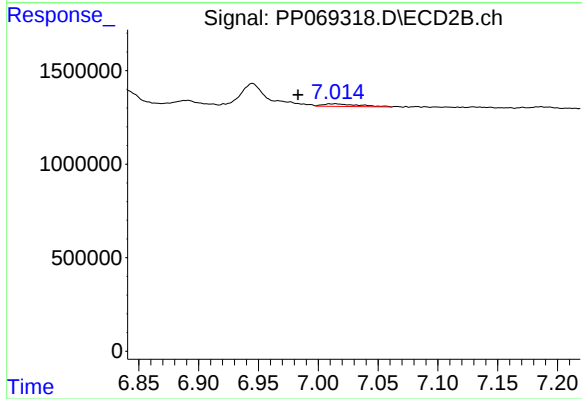
R.T.: 7.460 min
Delta R.T.: -0.024 min
Response: 367662
Conc: 3.31 ng/ml



#36 AR-1262-1

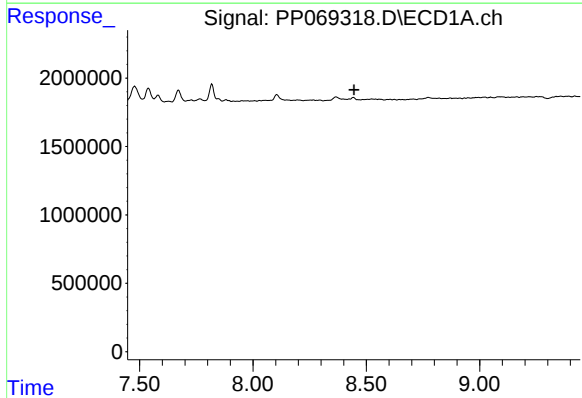
R.T.: 8.105 min
Delta R.T.: -0.019 min
Response: 909560
Conc: 11.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



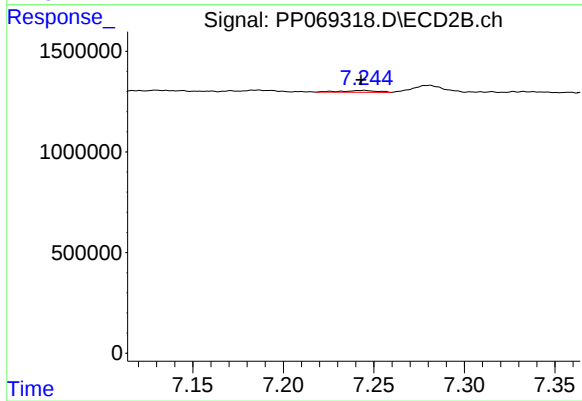
#36 AR-1262-1

R.T.: 7.015 min
Delta R.T.: 0.031 min
Response: 290812
Conc: 4.10 ng/ml



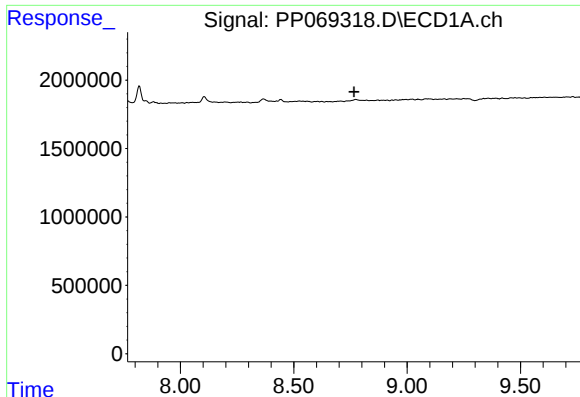
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.446 min
Response: 0
Conc: N.D.



#37 AR-1262-2

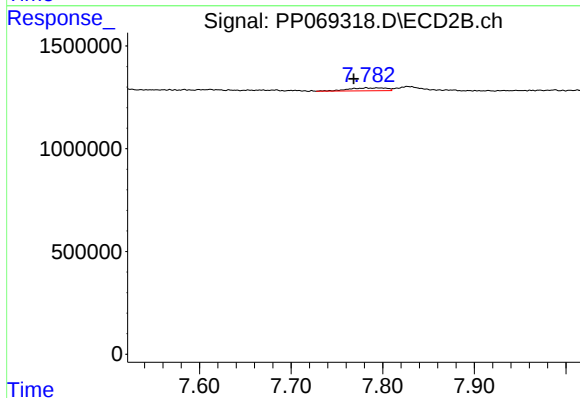
R.T.: 7.244 min
Delta R.T.: 0.002 min
Response: 124784
Conc: 2.05 ng/ml



#38 AR-1262-3

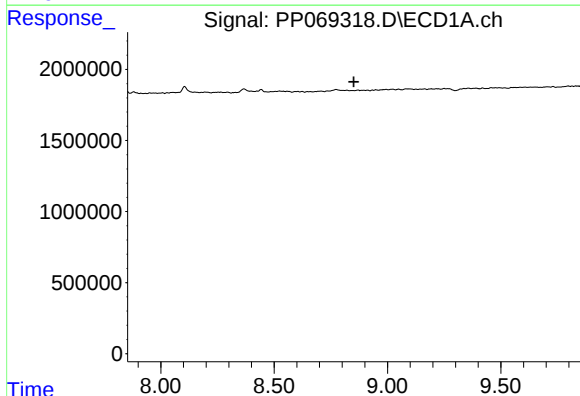
R.T.: 0.000 min
Exp R.T.: 8.766 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



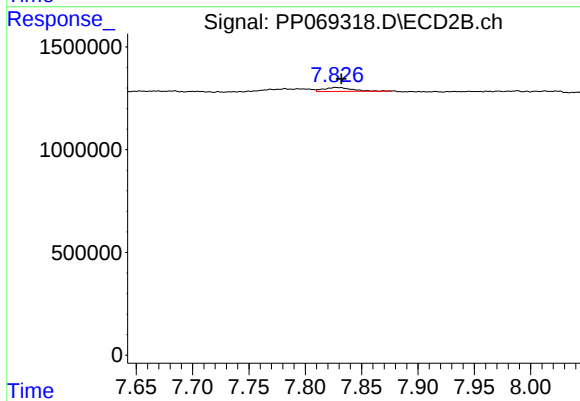
#38 AR-1262-3

R.T.: 7.782 min
Delta R.T.: 0.014 min
Response: 419000
Conc: 8.01 ng/ml



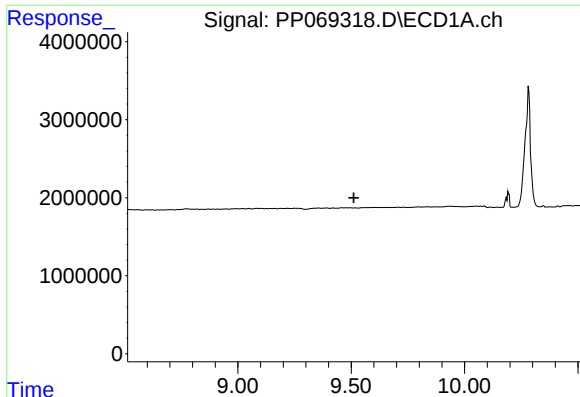
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 8.852 min
Response: 0
Conc: N.D.



#39 AR-1262-4

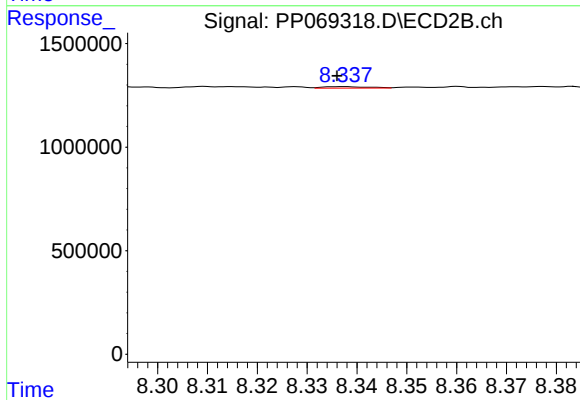
R.T.: 7.827 min
Delta R.T.: -0.005 min
Response: 327172
Conc: 3.54 ng/ml



#40 AR-1262-5

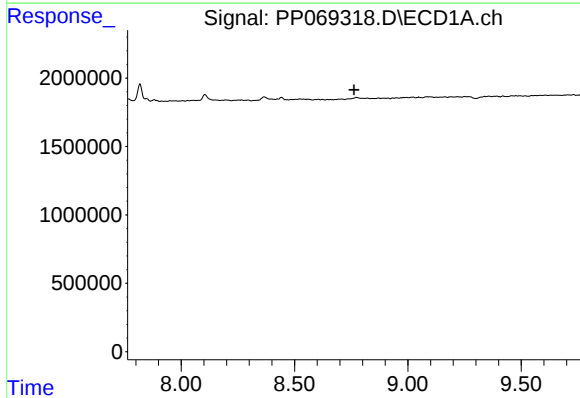
R.T.: 0.000 min
Exp R.T. : 9.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



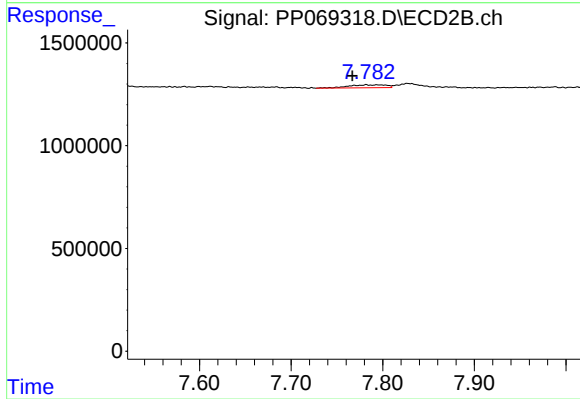
#40 AR-1262-5

R.T.: 8.337 min
Delta R.T.: 0.000 min
Response: 45136
Conc: 0.94 ng/ml



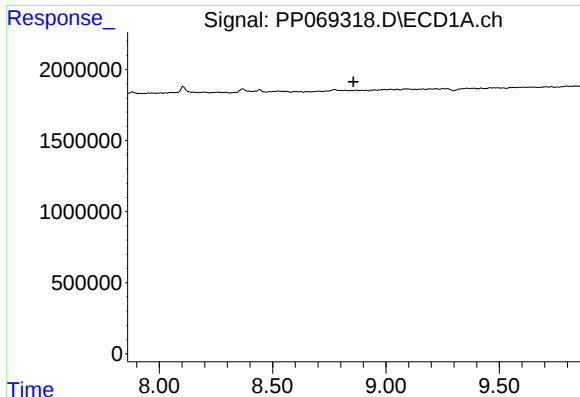
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.763 min
Response: 0
Conc: N.D.



#41 AR-1268-1

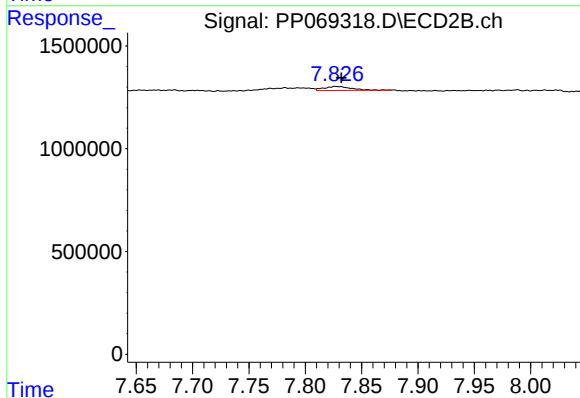
R.T.: 7.782 min
Delta R.T.: 0.015 min
Response: 419000
Conc: 2.89 ng/ml



#42 AR-1268-2

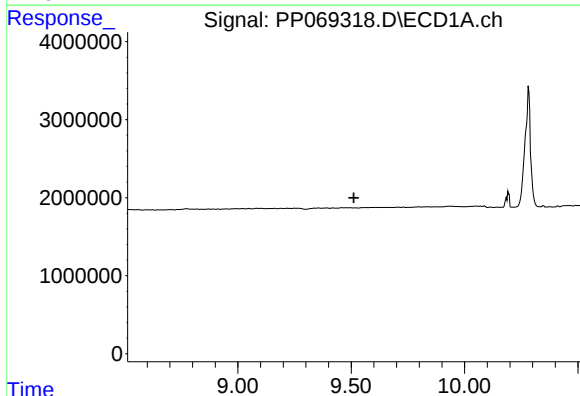
R.T.: 0.000 min
Exp R.T.: 8.857 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



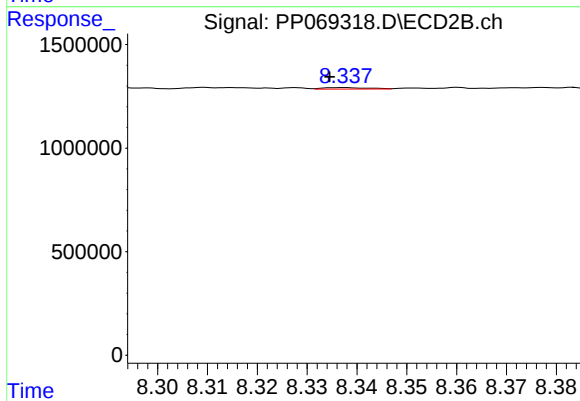
#42 AR-1268-2

R.T.: 7.827 min
Delta R.T.: -0.005 min
Response: 327172
Conc: 2.46 ng/ml



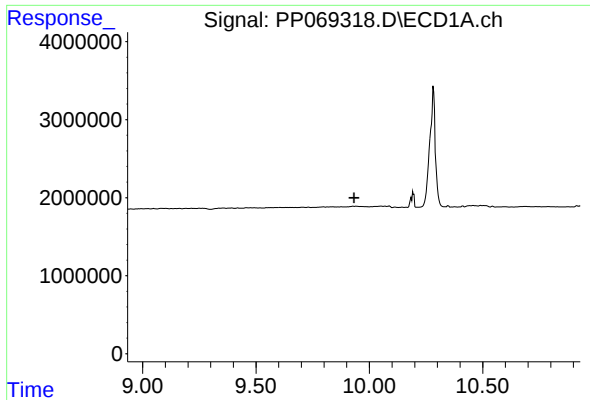
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.511 min
Response: 0
Conc: N.D.



#44 AR-1268-4

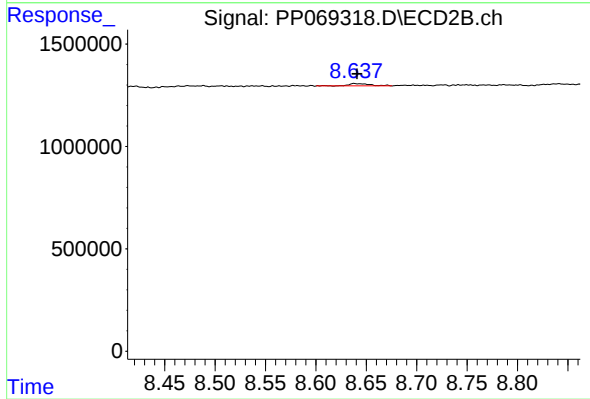
R.T.: 8.337 min
Delta R.T.: 0.002 min
Response: 45136
Conc: 0.87 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.933 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



#45 AR-1268-5

R.T.: 8.640 min
Delta R.T.: -0.001 min
Response: 161435
Conc: 0.45 ng/ml