

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101624\
 Data File : PP067920.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2024 17:32
 Operator : YP\AJ
 Sample : P4368-01
 Misc : AR1262 LOD 25 PPB
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 07:16:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP100824.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 09 05:48:32 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...	4.754	4.051	16536596	17268250	17.865	17.090
2)	SA Decachlor...	10.665	9.212	22896247	21200679	19.887	18.905
Target Compounds							
3)	L1 AR-1016-1	5.864f	5.163	50744	43961	1.535	1.256
4)	L1 AR-1016-2	0.000	5.163	0	43961	N.D.	0.913 #
5)	L1 AR-1016-3	0.000	5.293f	0	67399	N.D.	2.502 #
7)	L1 AR-1016-5	0.000	5.662f	0	272223	N.D.	8.952 #
9)	L2 AR-1221-2	5.059	4.360	276410	277304	29.217	27.838
10)	L2 AR-1221-3	5.059f	0.000	276410	0	9.562	N.D. #
11)	L3 AR-1232-1	5.059f	0.000	276410	0	12.092	N.D. #
12)	L3 AR-1232-2	5.658	5.163	185951	43961	15.781	1.966 #
13)	L3 AR-1232-3	0.000	5.293f	0	67399	N.D.	5.643 #
15)	L3 AR-1232-5	0.000	5.662f	0	272223	N.D.	20.239 #
16)	L4 AR-1242-1	5.864f	5.163	50744	43961	1.816	1.512
17)	L4 AR-1242-2	0.000	5.163	0	43961	N.D.	1.095 #
18)	L4 AR-1242-3	0.000	5.293f	0	67399	N.D.	2.996 #
20)	L4 AR-1242-5	6.778f	5.972	221142	221362	9.166	7.727
21)	L5 AR-1248-1	5.864f	5.163	50744	43961	2.369	1.940
24)	L5 AR-1248-4	6.778	5.662f	221142	272223	5.467	6.647
25)	L5 AR-1248-5	6.778f	5.972f	221142	221362	5.576	5.912
26)	L6 AR-1254-1	6.778	5.972	221142	221362	4.938	3.747
27)	L6 AR-1254-2	6.992	6.119	257962	274509	3.903	5.232 #
28)	L6 AR-1254-3	7.355	6.545	234166	863428	3.372	10.377 #
29)	L6 AR-1254-4	7.644	6.758	123996	39771	2.485	0.824 #
30)	L6 AR-1254-5	8.054	7.178	1216807	972596	20.522	13.223 #
31)	L7 AR-1260-1	7.520	6.660	1219714	1241228	22.577	21.790
32)	L7 AR-1260-2	7.772	6.846	1469753	1471400	23.230	22.059
33)	L7 AR-1260-3	8.135	7.009	1917933	1447740	36.991	22.727 #
34)	L7 AR-1260-4	8.372	7.480	1816839	1822775	30.183	32.966
35)	L7 AR-1260-5	8.708	7.717	3034359	3378052	28.171	27.621
36)	L8 AR-1262-1	8.372	7.217	1816839	1998700	25.314	25.405
37)	L8 AR-1262-2	8.708	7.480	3034359	1822775	24.958	25.687
38)	L8 AR-1262-3	9.045	8.004	2141803	1507720	24.197	26.405
39)	L8 AR-1262-4	9.139	8.068	1586863	2518676	22.687	25.077
40)	L8 AR-1262-5	9.840	8.594	1109723	1243494	23.716	24.861
41)	L9 AR-1268-1	9.045	8.004	2141803	1507720	14.031	9.474 #
42)	L9 AR-1268-2	9.139	8.068	1586863	2518676	11.617	17.590 #
43)	L9 AR-1268-3	0.000	8.286	0	174388	N.D.	1.368 #
44)	L9 AR-1268-4	9.840	8.594	1109723	1243494	21.836	22.018
45)	L9 AR-1268-5	10.292	8.922	562739	581546	1.507	1.538

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QLast Update : Wed Oct 09 05:48:32 2024
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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

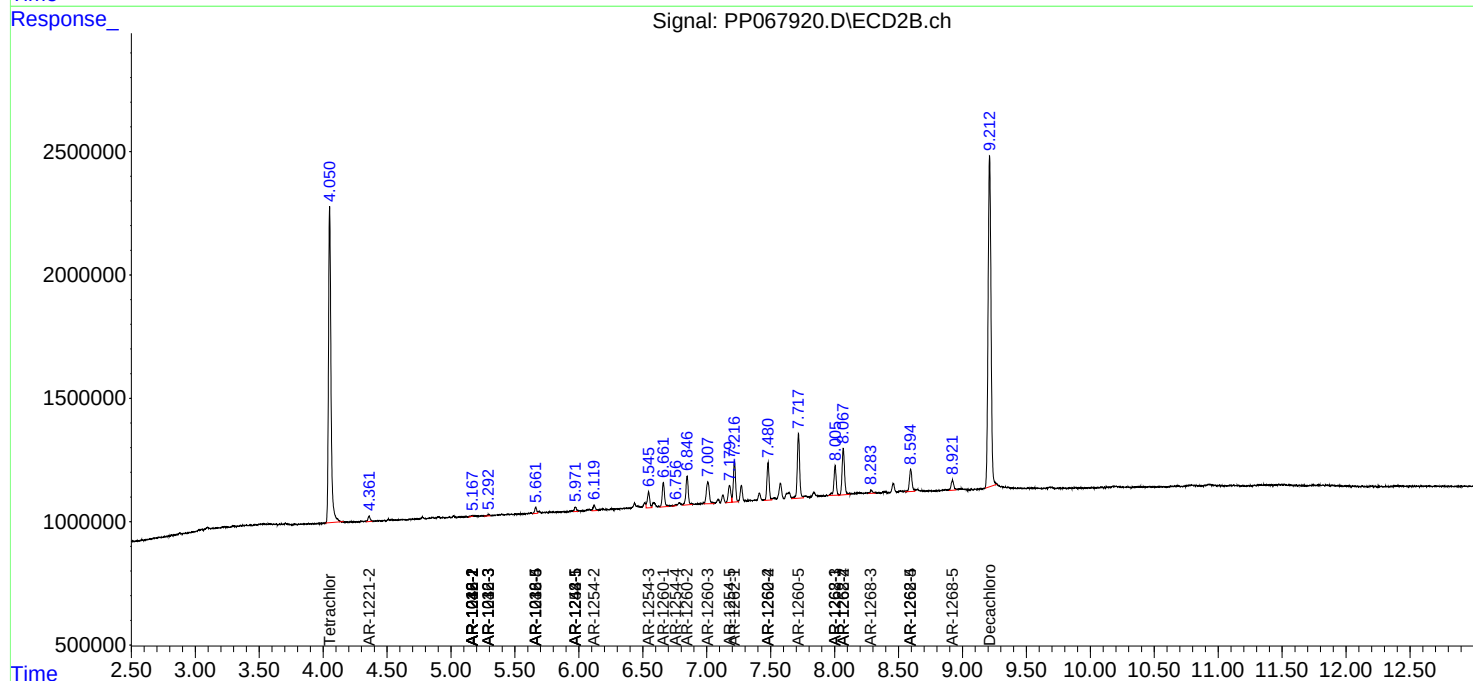
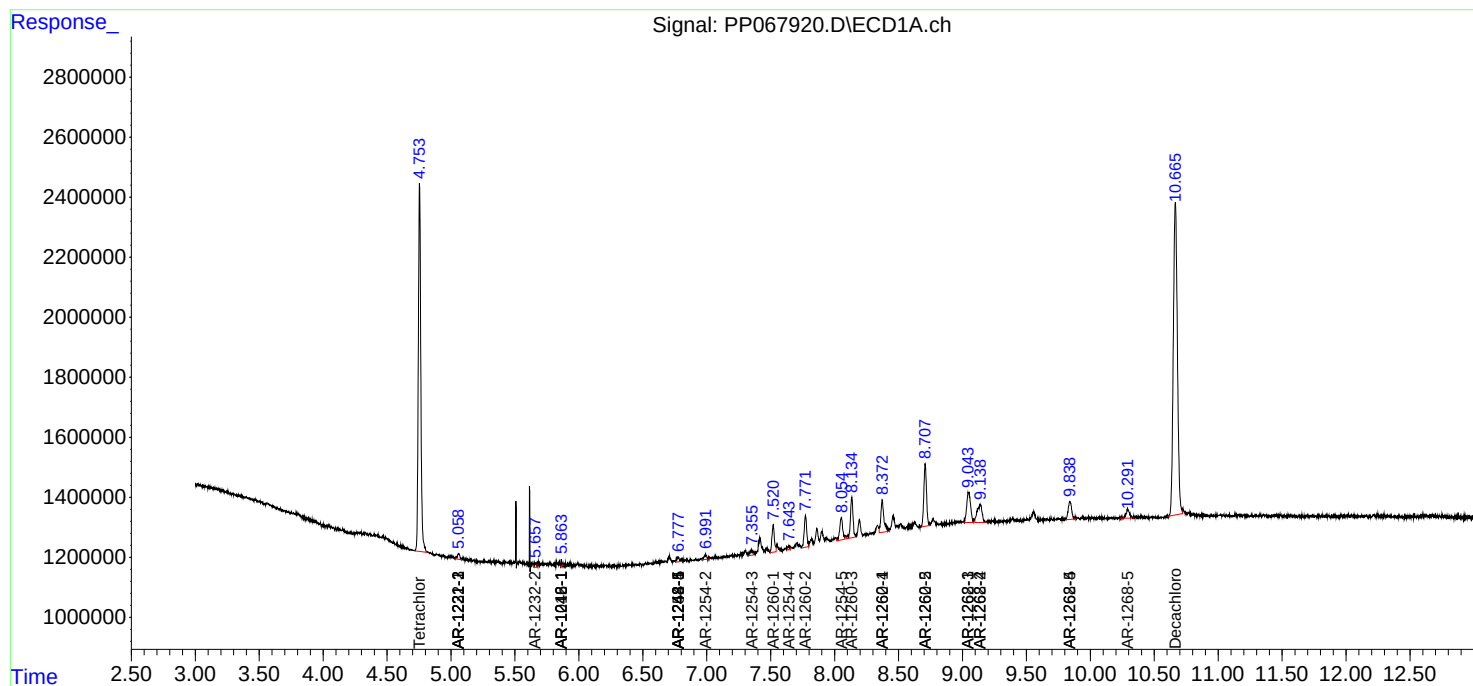
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.						

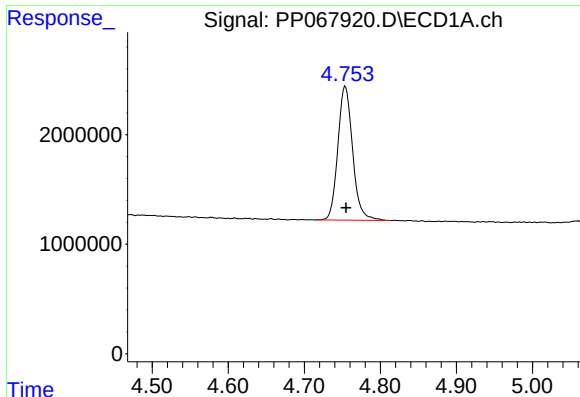
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101624\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

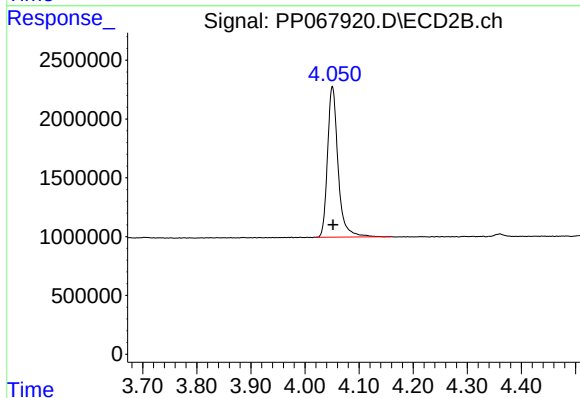




#1 Tetrachloro-m-xylene

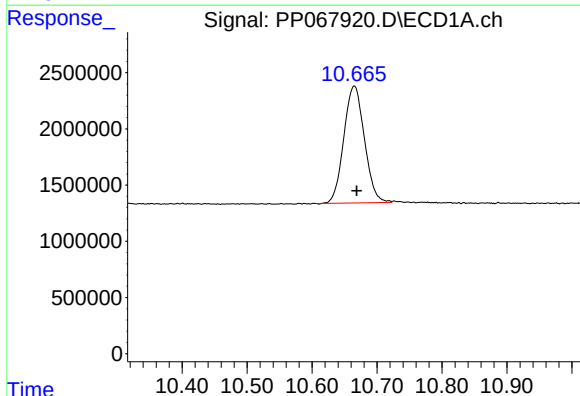
R.T.: 4.754 min
Delta R.T.: -0.001 min
Response: 16536596
Conc: 17.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



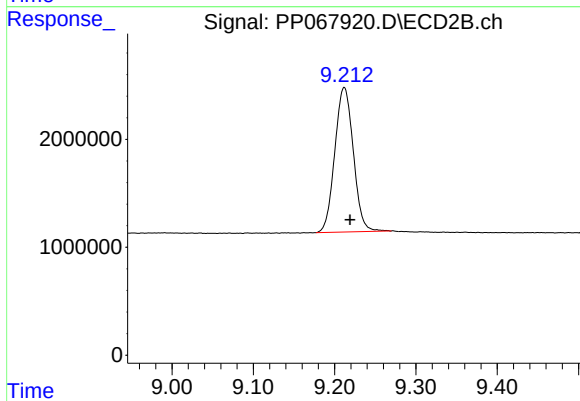
#1 Tetrachloro-m-xylene

R.T.: 4.051 min
Delta R.T.: -0.001 min
Response: 17268250
Conc: 17.09 ng/ml



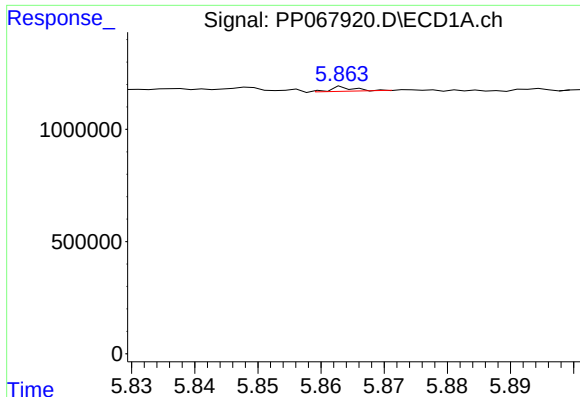
#2 Decachlorobiphenyl

R.T.: 10.665 min
Delta R.T.: -0.004 min
Response: 22896247
Conc: 19.89 ng/ml



#2 Decachlorobiphenyl

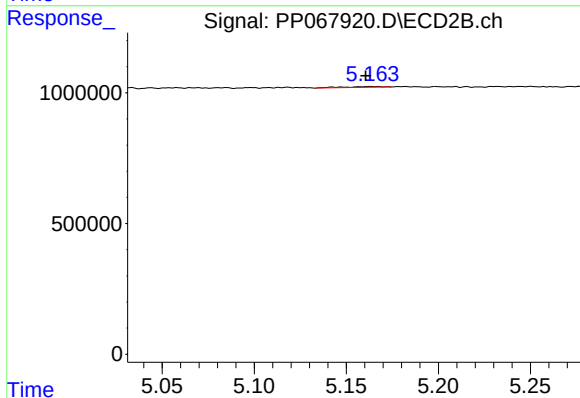
R.T.: 9.212 min
Delta R.T.: -0.007 min
Response: 21200679
Conc: 18.90 ng/ml



#3 AR-1016-1

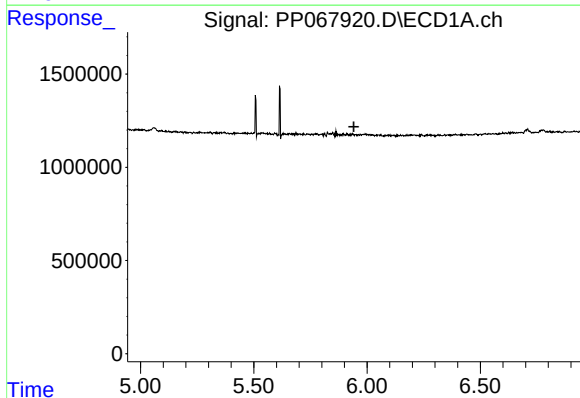
R.T.: 5.864 min
Delta R.T.: -0.055 min
Response: 50744
Conc: 1.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



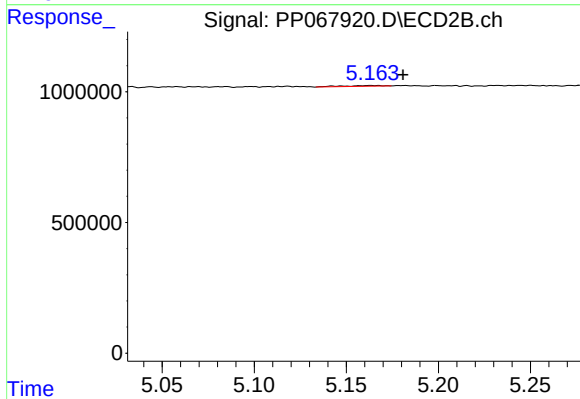
#3 AR-1016-1

R.T.: 5.163 min
Delta R.T.: 0.002 min
Response: 43961
Conc: 1.26 ng/ml



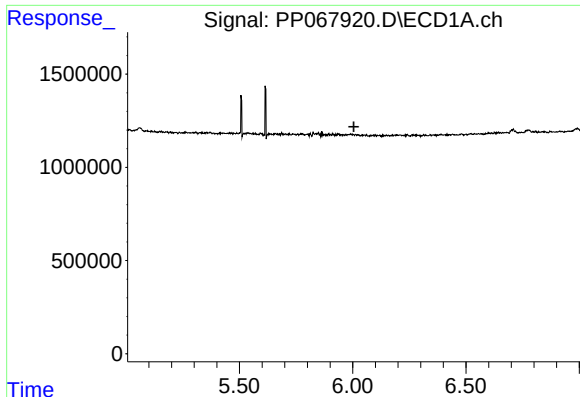
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.942 min
Response: 0
Conc: N.D.



#4 AR-1016-2

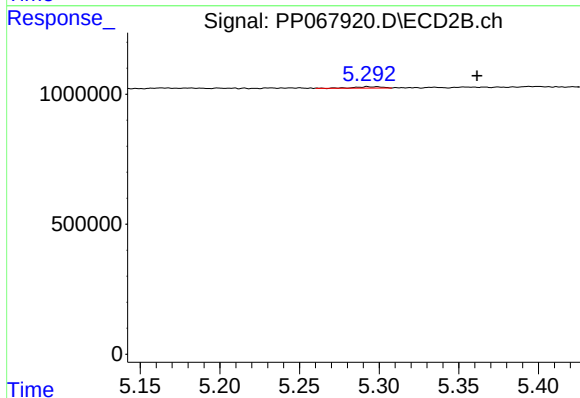
R.T.: 5.163 min
Delta R.T.: -0.018 min
Response: 43961
Conc: 0.91 ng/ml



#5 AR-1016-3

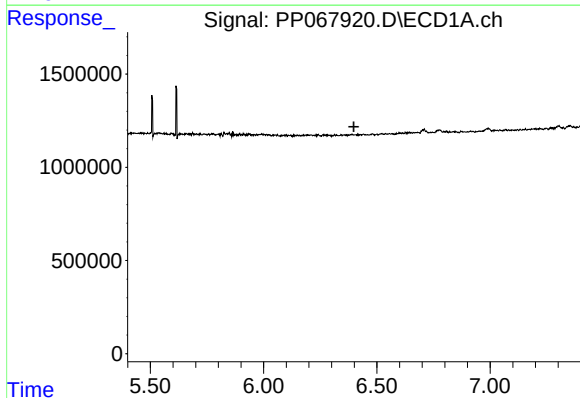
R.T.: 0.000 min
Exp R.T.: 6.005 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



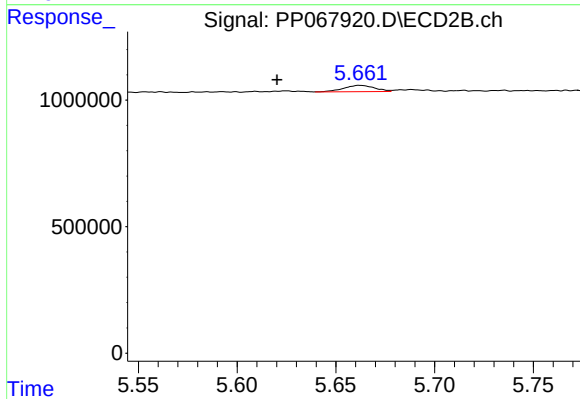
#5 AR-1016-3

R.T.: 5.293 min
Delta R.T.: -0.069 min
Response: 67399
Conc: 2.50 ng/ml



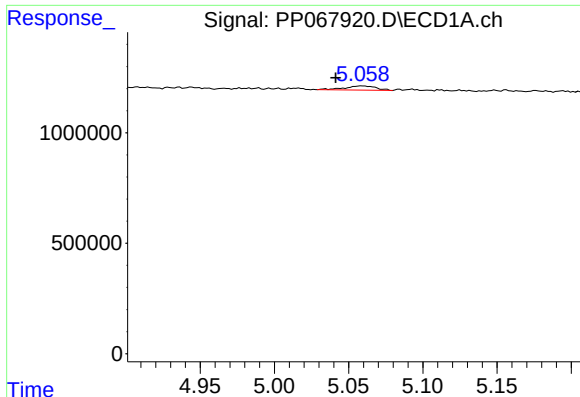
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 6.398 min
Response: 0
Conc: N.D.



#7 AR-1016-5

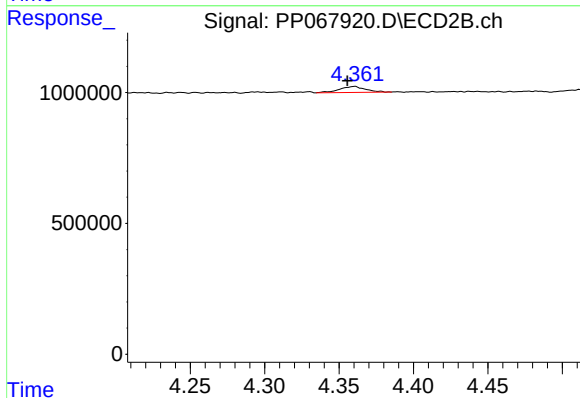
R.T.: 5.662 min
Delta R.T.: 0.042 min
Response: 272223
Conc: 8.95 ng/ml



#9 AR-1221-2

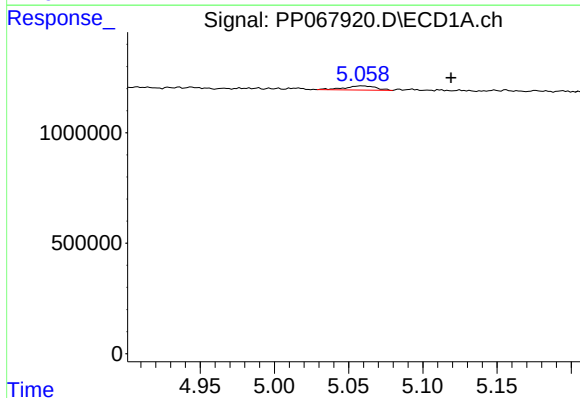
R.T.: 5.059 min
Delta R.T.: 0.018 min
Response: 276410
Conc: 29.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



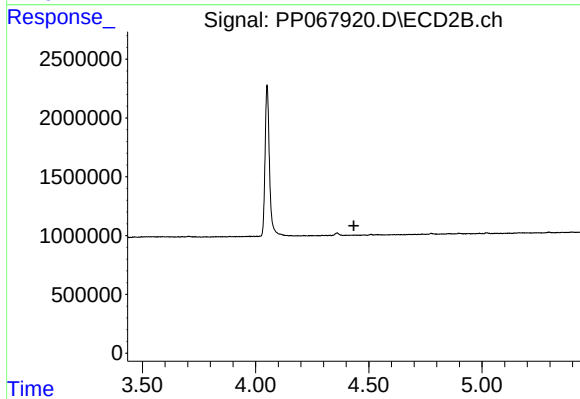
#9 AR-1221-2

R.T.: 4.360 min
Delta R.T.: 0.005 min
Response: 277304
Conc: 27.84 ng/ml



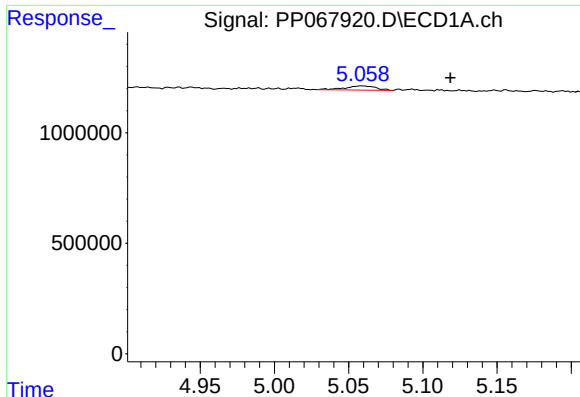
#10 AR-1221-3

R.T.: 5.059 min
Delta R.T.: -0.060 min
Response: 276410
Conc: 9.56 ng/ml



#10 AR-1221-3

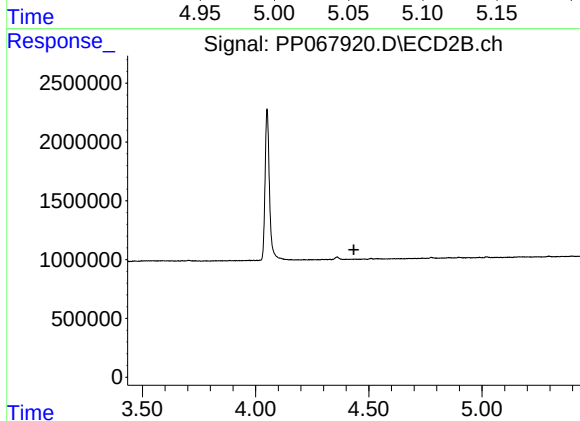
R.T.: 0.000 min
Exp R.T. : 4.434 min
Response: 0
Conc: N.D.



#11 AR-1232-1

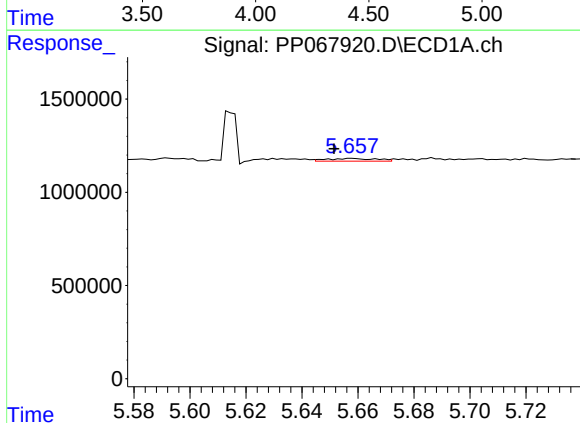
R.T.: 5.059 min
Delta R.T.: -0.060 min
Response: 276410
Conc: 12.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



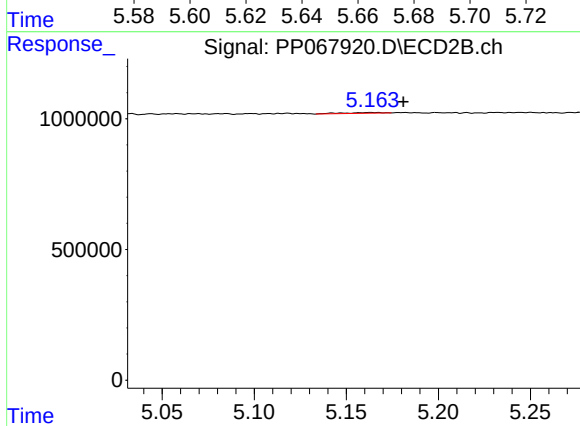
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.434 min
Response: 0
Conc: N.D.



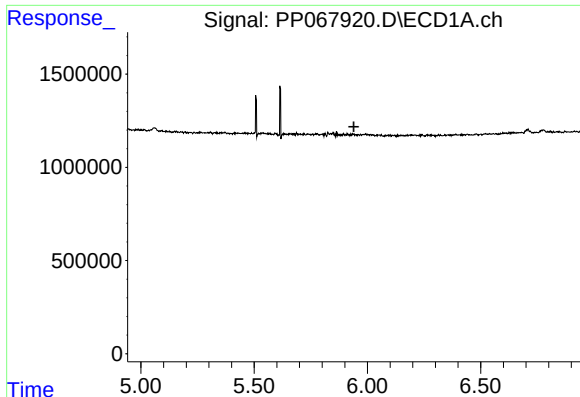
#12 AR-1232-2

R.T.: 5.658 min
Delta R.T.: 0.007 min
Response: 185951
Conc: 15.78 ng/ml



#12 AR-1232-2

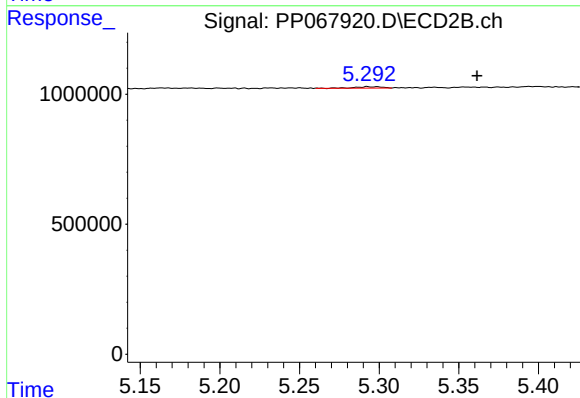
R.T.: 5.163 min
Delta R.T.: -0.018 min
Response: 43961
Conc: 1.97 ng/ml



#13 AR-1232-3

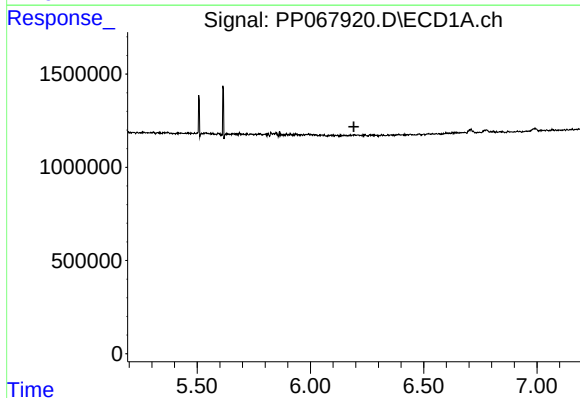
R.T.: 0.000 min
Exp R.T.: 5.940 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



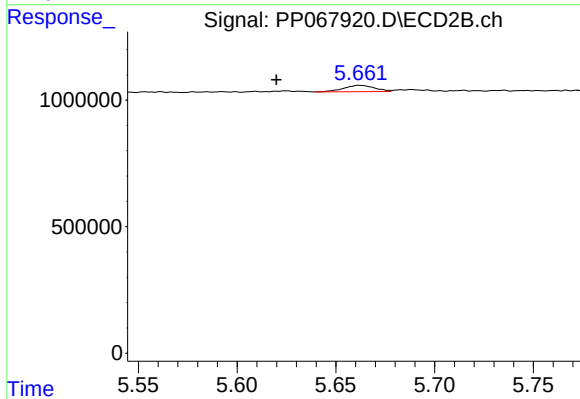
#13 AR-1232-3

R.T.: 5.293 min
Delta R.T.: -0.069 min
Response: 67399
Conc: 5.64 ng/ml



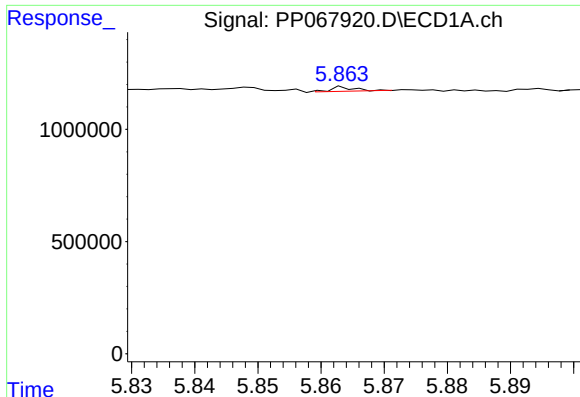
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 6.191 min
Response: 0
Conc: N.D.



#15 AR-1232-5

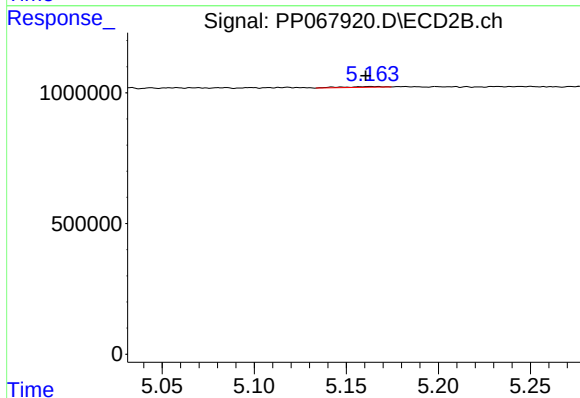
R.T.: 5.662 min
Delta R.T.: 0.042 min
Response: 272223
Conc: 20.24 ng/ml



#16 AR-1242-1

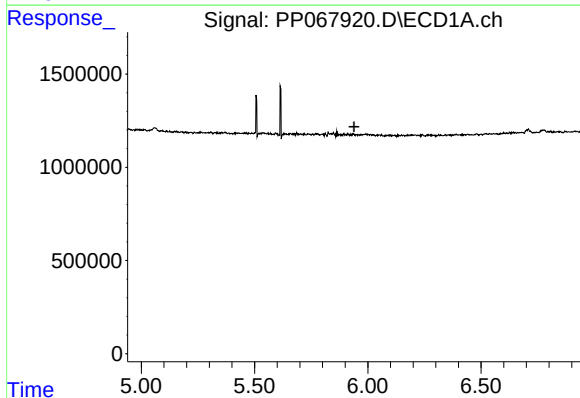
R.T.: 5.864 min
Delta R.T.: -0.052 min
Response: 50744
Conc: 1.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
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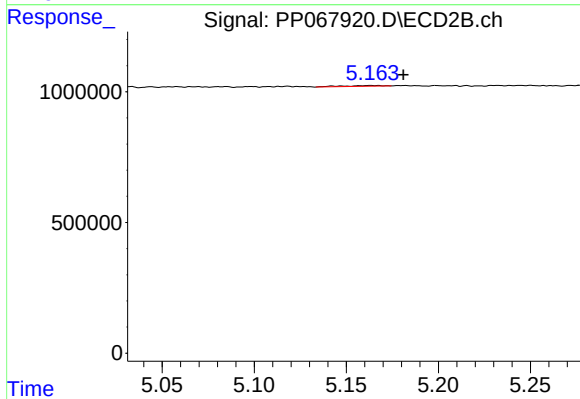
#16 AR-1242-1

R.T.: 5.163 min
Delta R.T.: 0.002 min
Response: 43961
Conc: 1.51 ng/ml



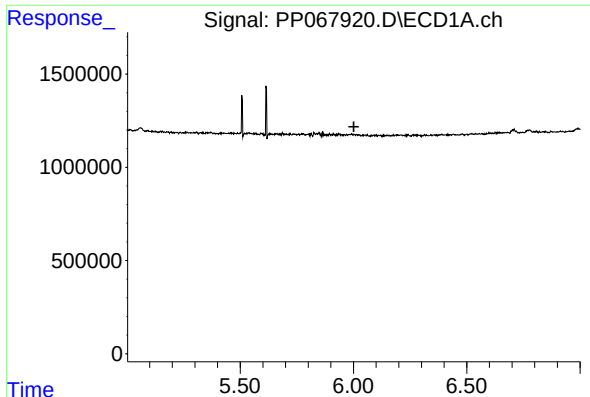
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.939 min
Response: 0
Conc: N.D.



#17 AR-1242-2

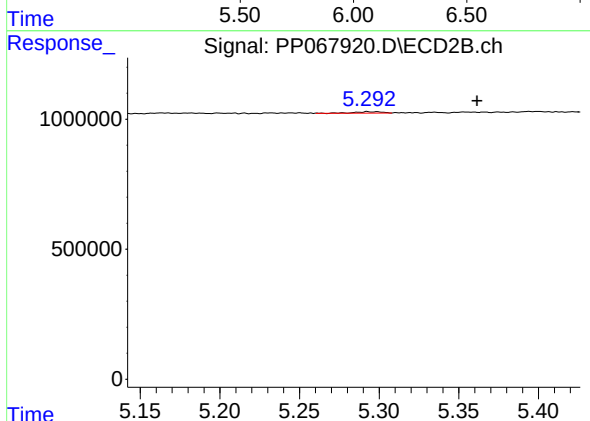
R.T.: 5.163 min
Delta R.T.: -0.018 min
Response: 43961
Conc: 1.09 ng/ml



#18 AR-1242-3

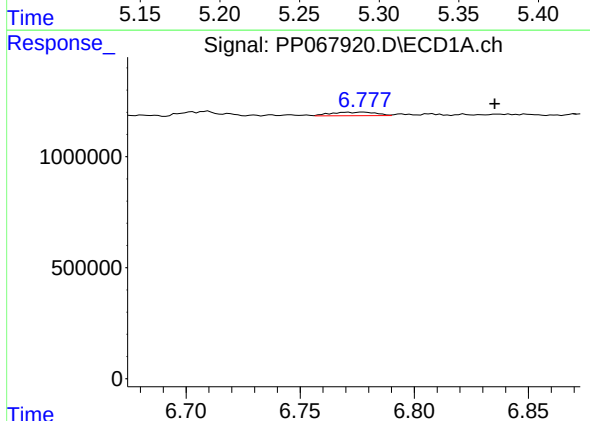
R.T.: 0.000 min
Exp R.T.: 6.002 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



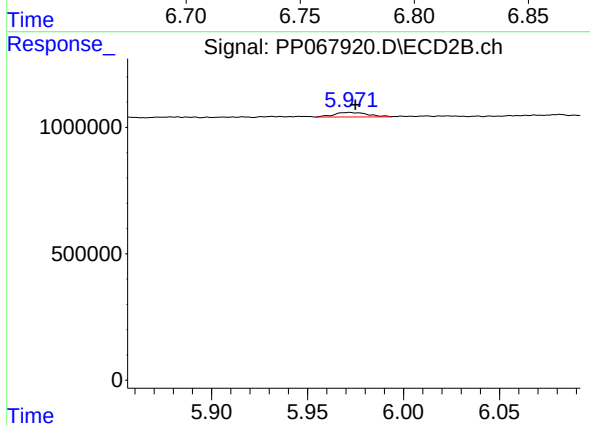
#18 AR-1242-3

R.T.: 5.293 min
Delta R.T.: -0.069 min
Response: 67399
Conc: 3.00 ng/ml



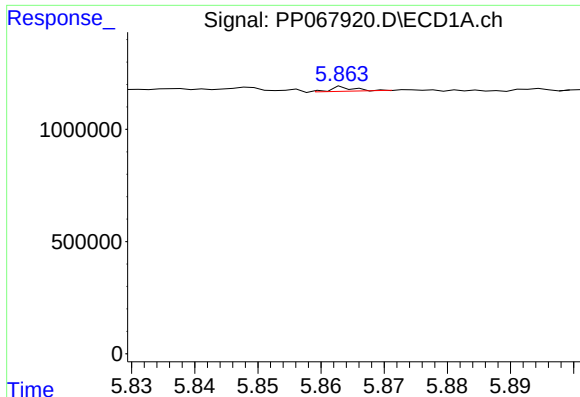
#20 AR-1242-5

R.T.: 6.778 min
Delta R.T.: -0.057 min
Response: 221142
Conc: 9.17 ng/ml



#20 AR-1242-5

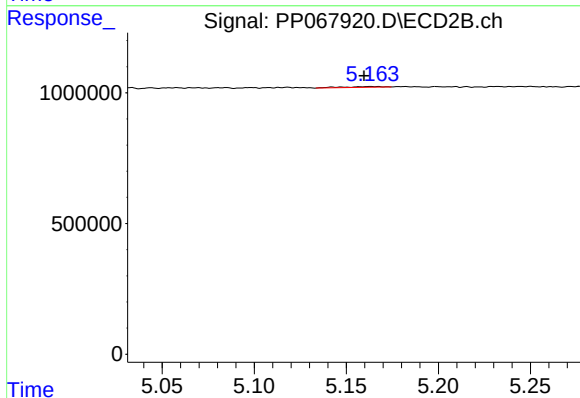
R.T.: 5.972 min
Delta R.T.: -0.003 min
Response: 221362
Conc: 7.73 ng/ml



#21 AR-1248-1

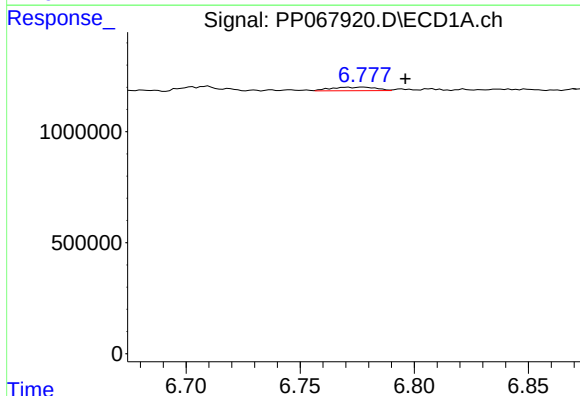
R.T.: 5.864 min
Delta R.T.: -0.053 min
Response: 50744
Conc: 2.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



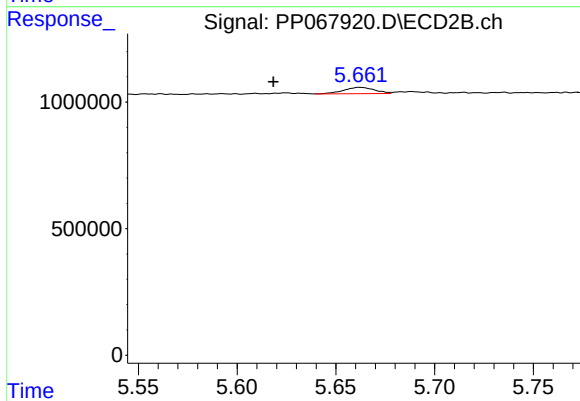
#21 AR-1248-1

R.T.: 5.163 min
Delta R.T.: 0.003 min
Response: 43961
Conc: 1.94 ng/ml



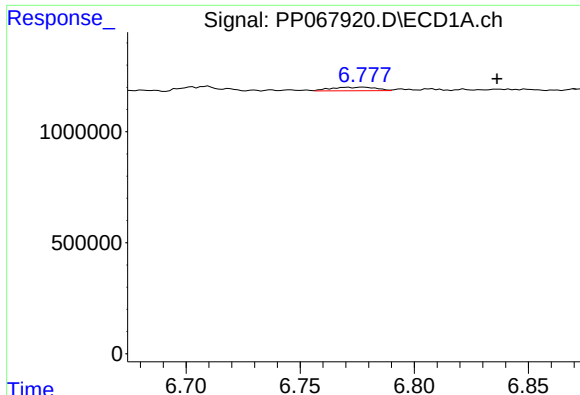
#24 AR-1248-4

R.T.: 6.778 min
Delta R.T.: -0.018 min
Response: 221142
Conc: 5.47 ng/ml



#24 AR-1248-4

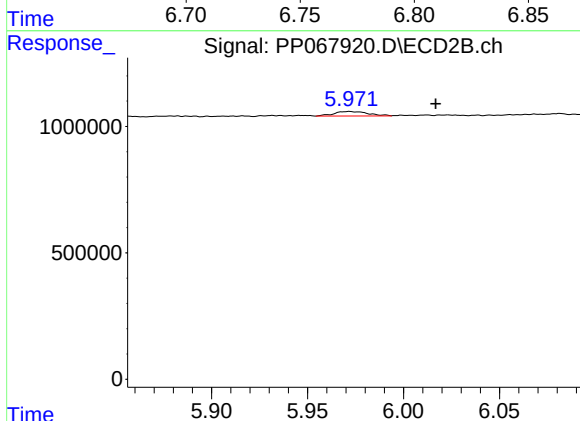
R.T.: 5.662 min
Delta R.T.: 0.044 min
Response: 272223
Conc: 6.65 ng/ml



#25 AR-1248-5

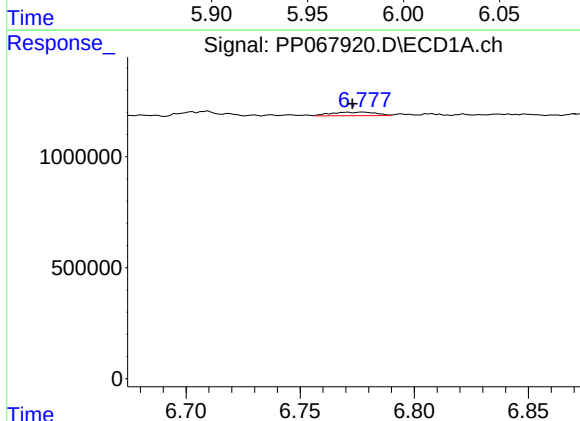
R.T.: 6.778 min
Delta R.T.: -0.058 min
Response: 221142
Conc: 5.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



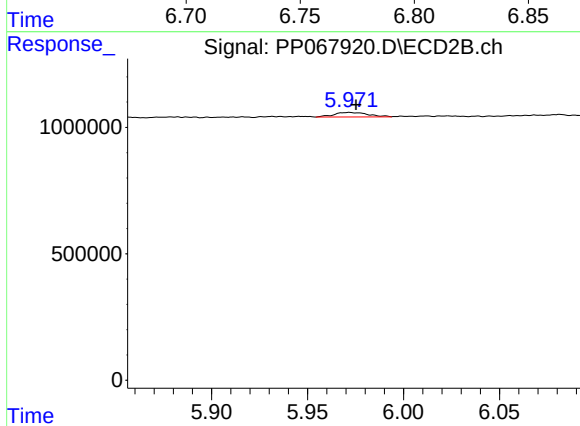
#25 AR-1248-5

R.T.: 5.972 min
Delta R.T.: -0.045 min
Response: 221362
Conc: 5.91 ng/ml



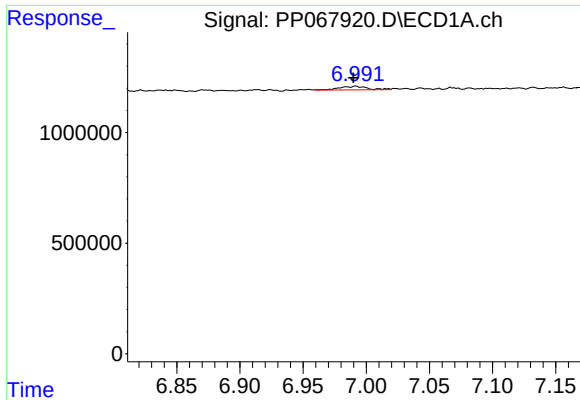
#26 AR-1254-1

R.T.: 6.778 min
Delta R.T.: 0.005 min
Response: 221142
Conc: 4.94 ng/ml



#26 AR-1254-1

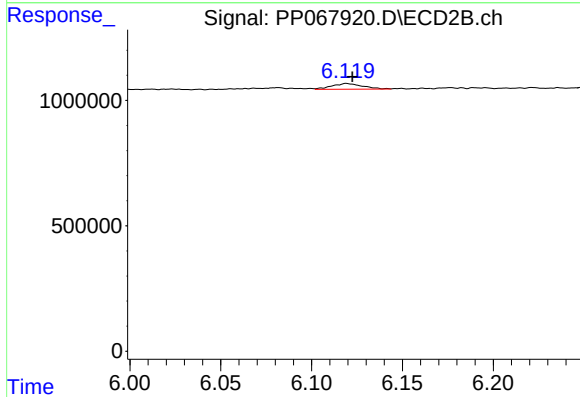
R.T.: 5.972 min
Delta R.T.: -0.004 min
Response: 221362
Conc: 3.75 ng/ml



#27 AR-1254-2

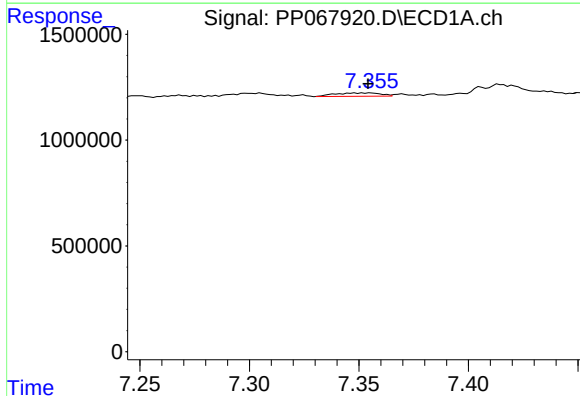
R.T.: 6.992 min
Delta R.T.: 0.002 min
Response: 257962
Conc: 3.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



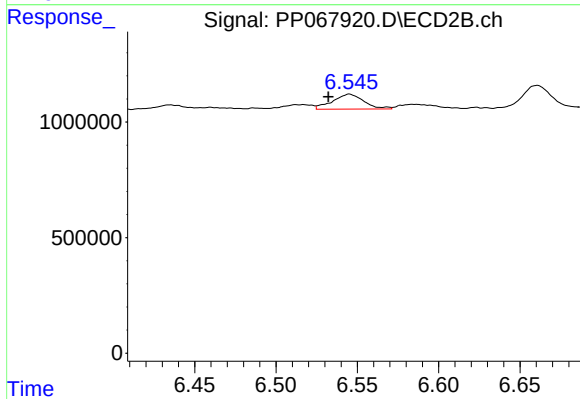
#27 AR-1254-2

R.T.: 6.119 min
Delta R.T.: -0.003 min
Response: 274509
Conc: 5.23 ng/ml



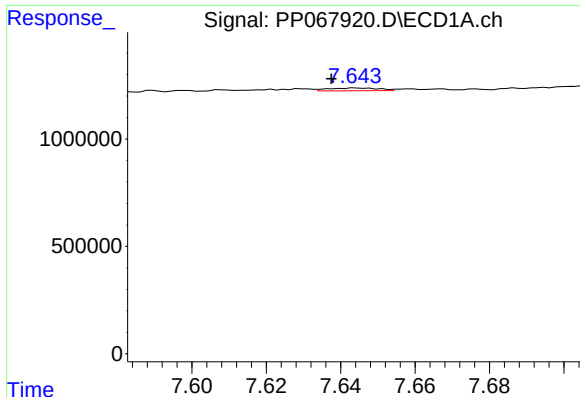
#28 AR-1254-3

R.T.: 7.355 min
Delta R.T.: 0.001 min
Response: 234166
Conc: 3.37 ng/ml



#28 AR-1254-3

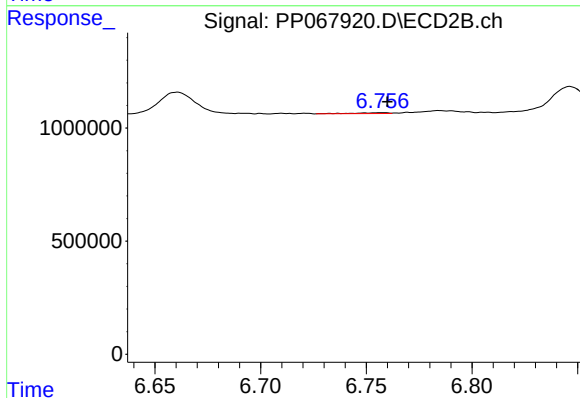
R.T.: 6.545 min
Delta R.T.: 0.013 min
Response: 863428
Conc: 10.38 ng/ml



#29 AR-1254-4

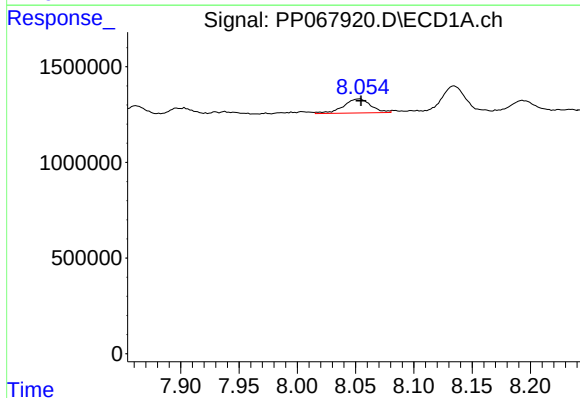
R.T.: 7.644 min
Delta R.T.: 0.007 min
Response: 123996
Conc: 2.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



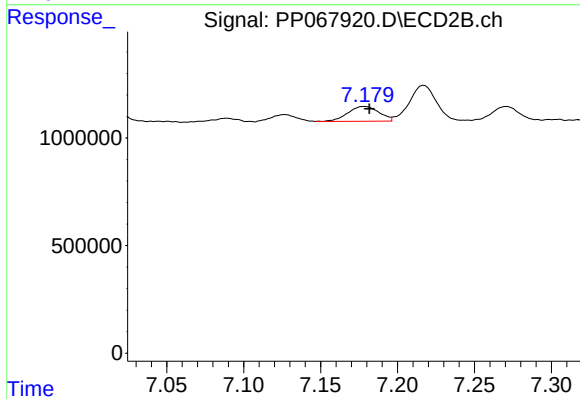
#29 AR-1254-4

R.T.: 6.758 min
Delta R.T.: -0.002 min
Response: 39771
Conc: 0.82 ng/ml



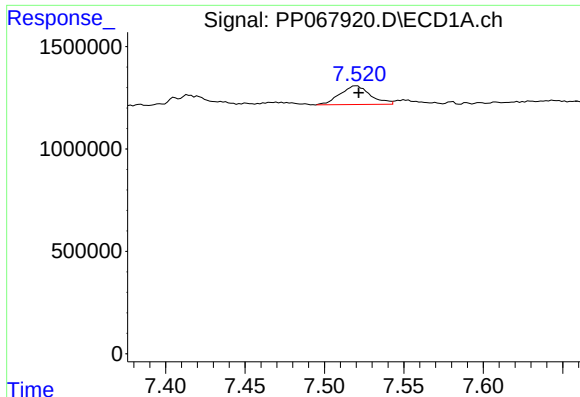
#30 AR-1254-5

R.T.: 8.054 min
Delta R.T.: -0.001 min
Response: 1216807
Conc: 20.52 ng/ml



#30 AR-1254-5

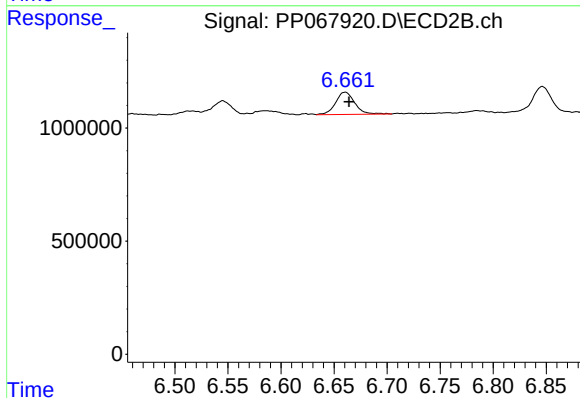
R.T.: 7.178 min
Delta R.T.: -0.004 min
Response: 972596
Conc: 13.22 ng/ml



#31 AR-1260-1

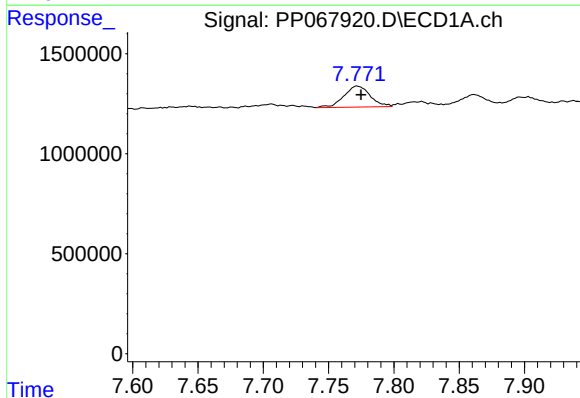
R.T.: 7.520 min
Delta R.T.: -0.001 min
Response: 1219714
Conc: 22.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



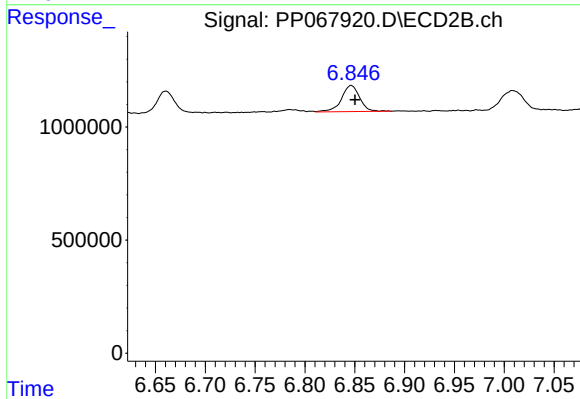
#31 AR-1260-1

R.T.: 6.660 min
Delta R.T.: -0.004 min
Response: 1241228
Conc: 21.79 ng/ml



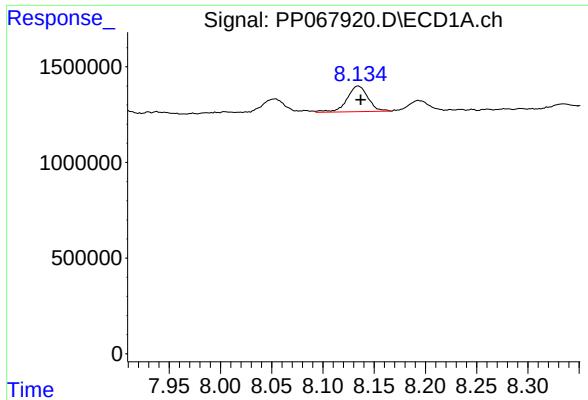
#32 AR-1260-2

R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 1469753
Conc: 23.23 ng/ml



#32 AR-1260-2

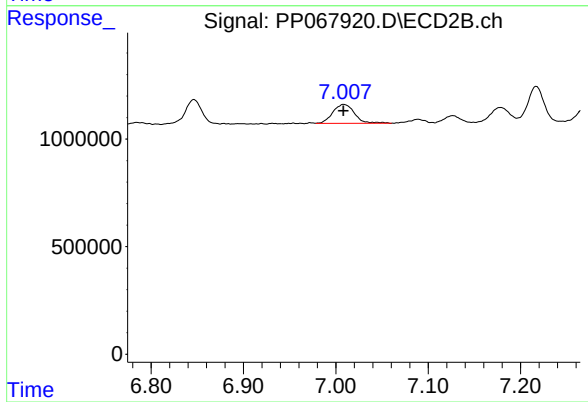
R.T.: 6.846 min
Delta R.T.: -0.004 min
Response: 1471400
Conc: 22.06 ng/ml



#33 AR-1260-3

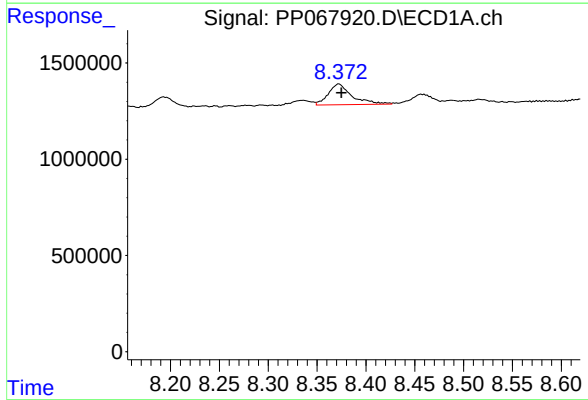
R.T.: 8.135 min
Delta R.T.: -0.002 min
Response: 1917933
Conc: 36.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



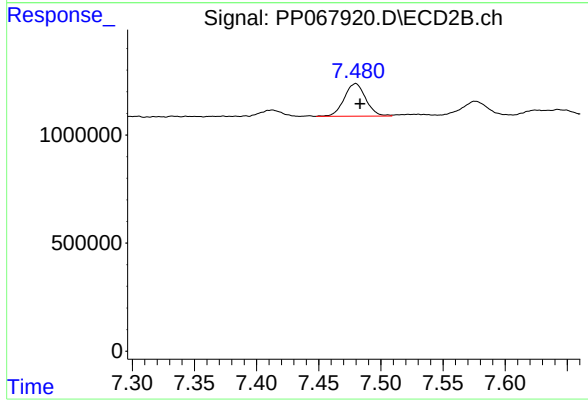
#33 AR-1260-3

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 1447740
Conc: 22.73 ng/ml



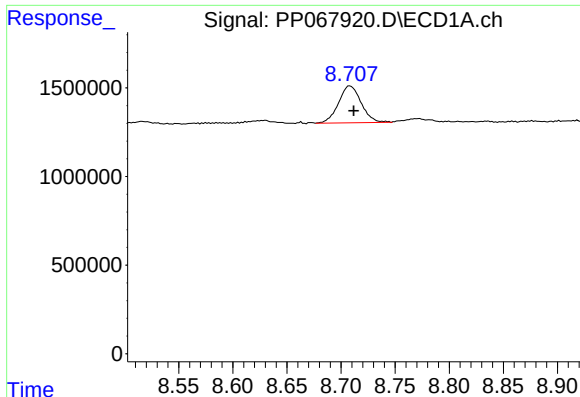
#34 AR-1260-4

R.T.: 8.372 min
Delta R.T.: -0.002 min
Response: 1816839
Conc: 30.18 ng/ml



#34 AR-1260-4

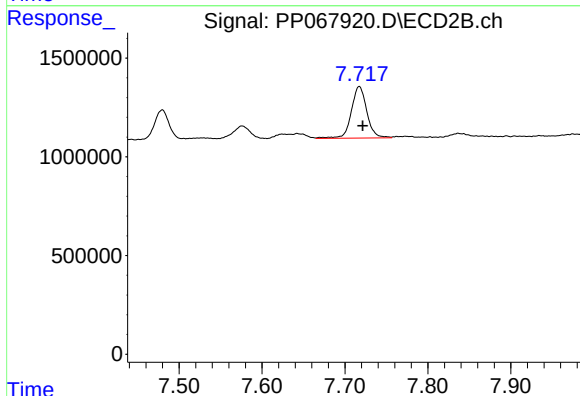
R.T.: 7.480 min
Delta R.T.: -0.004 min
Response: 1822775
Conc: 32.97 ng/ml



#35 AR-1260-5

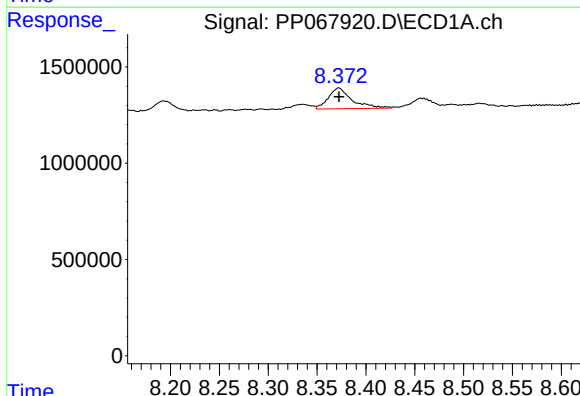
R.T.: 8.708 min
Delta R.T.: -0.004 min
Response: 3034359
Conc: 28.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



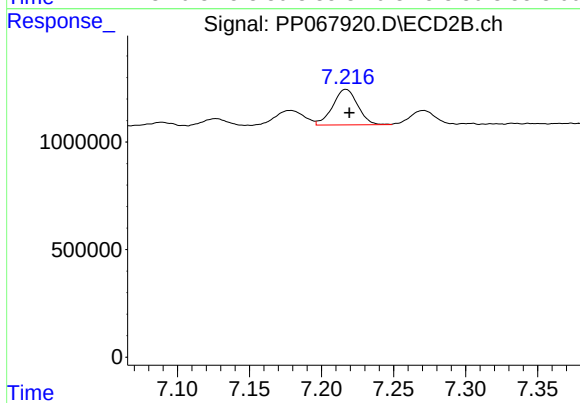
#35 AR-1260-5

R.T.: 7.717 min
Delta R.T.: -0.004 min
Response: 3378052
Conc: 27.62 ng/ml



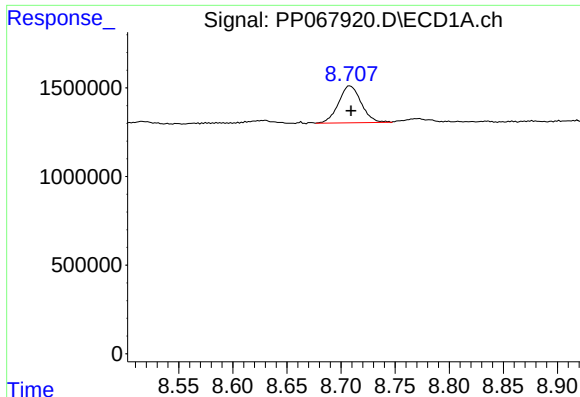
#36 AR-1262-1

R.T.: 8.372 min
Delta R.T.: 0.000 min
Response: 1816839
Conc: 25.31 ng/ml



#36 AR-1262-1

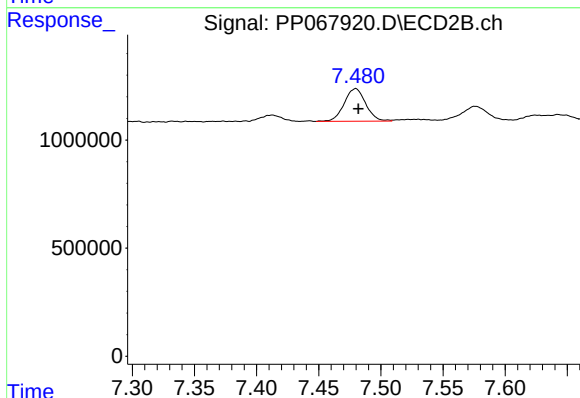
R.T.: 7.217 min
Delta R.T.: -0.003 min
Response: 1998700
Conc: 25.41 ng/ml



#37 AR-1262-2

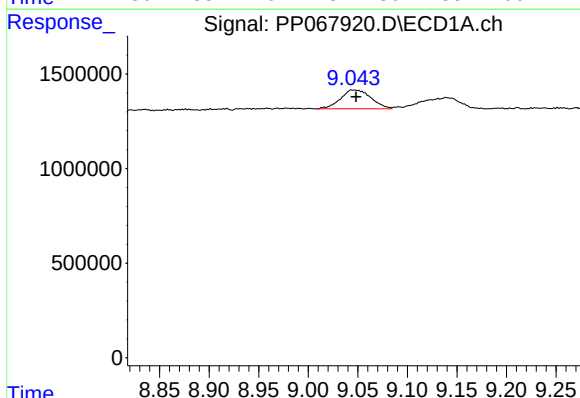
R.T.: 8.708 min
Delta R.T.: 0.000 min
Response: 3034359
Conc: 24.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



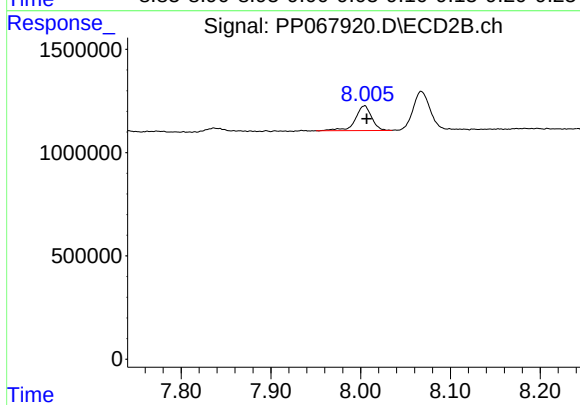
#37 AR-1262-2

R.T.: 7.480 min
Delta R.T.: -0.002 min
Response: 1822775
Conc: 25.69 ng/ml



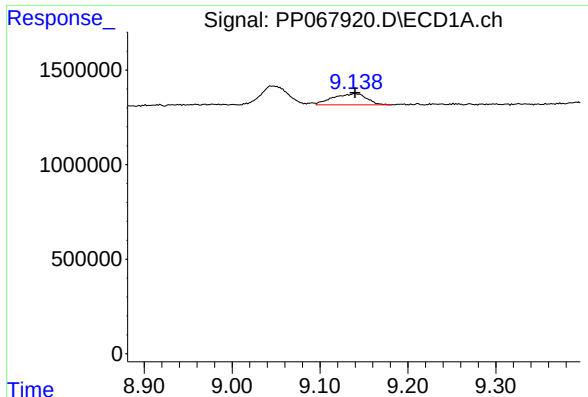
#38 AR-1262-3

R.T.: 9.045 min
Delta R.T.: -0.003 min
Response: 2141803
Conc: 24.20 ng/ml



#38 AR-1262-3

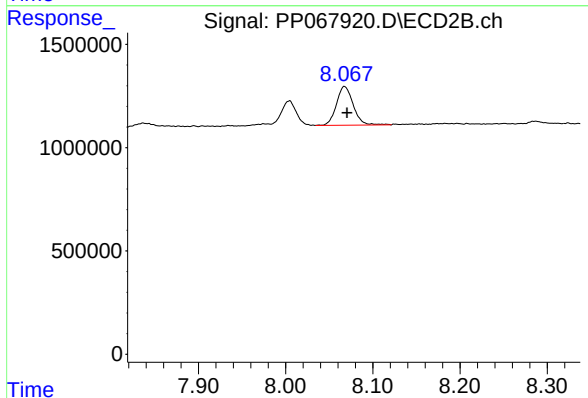
R.T.: 8.004 min
Delta R.T.: -0.003 min
Response: 1507720
Conc: 26.41 ng/ml



#39 AR-1262-4

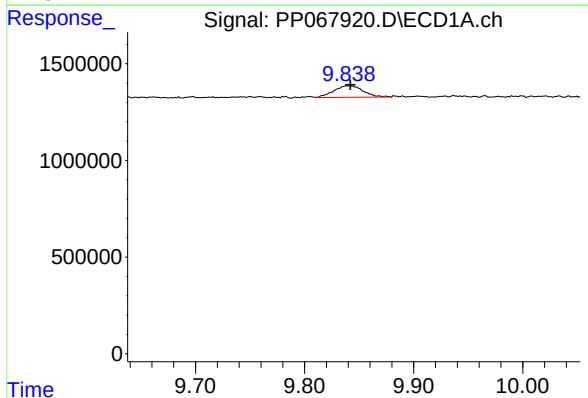
R.T.: 9.139 min
Delta R.T.: 0.000 min
Response: 1586863
Conc: 22.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



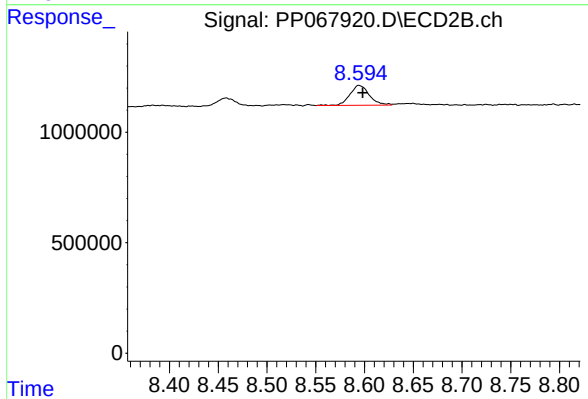
#39 AR-1262-4

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 2518676
Conc: 25.08 ng/ml



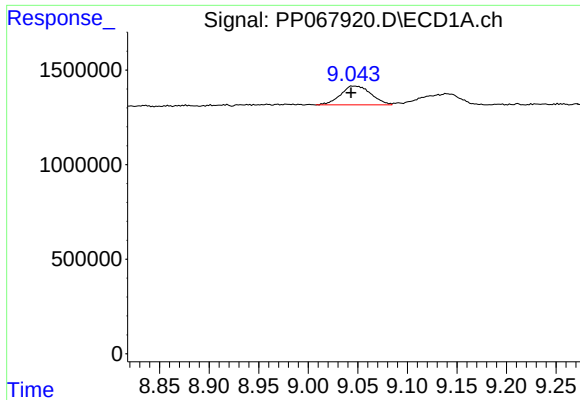
#40 AR-1262-5

R.T.: 9.840 min
Delta R.T.: -0.002 min
Response: 1109723
Conc: 23.72 ng/ml



#40 AR-1262-5

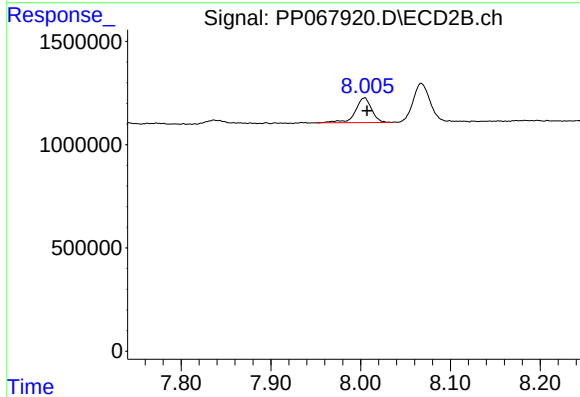
R.T.: 8.594 min
Delta R.T.: -0.004 min
Response: 1243494
Conc: 24.86 ng/ml



#41 AR-1268-1

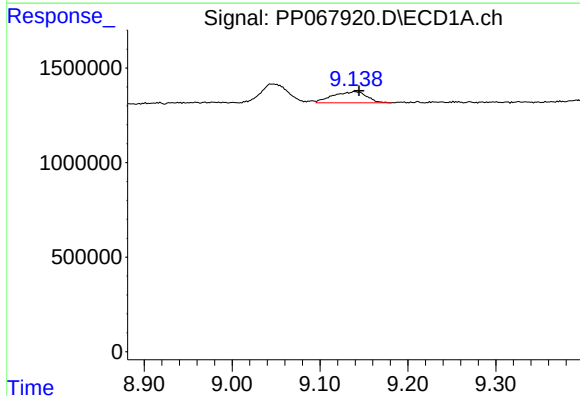
R.T.: 9.045 min
Delta R.T.: 0.001 min
Response: 2141803
Conc: 14.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



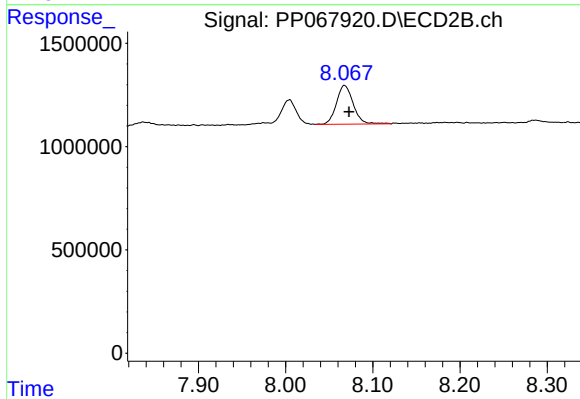
#41 AR-1268-1

R.T.: 8.004 min
Delta R.T.: -0.003 min
Response: 1507720
Conc: 9.47 ng/ml



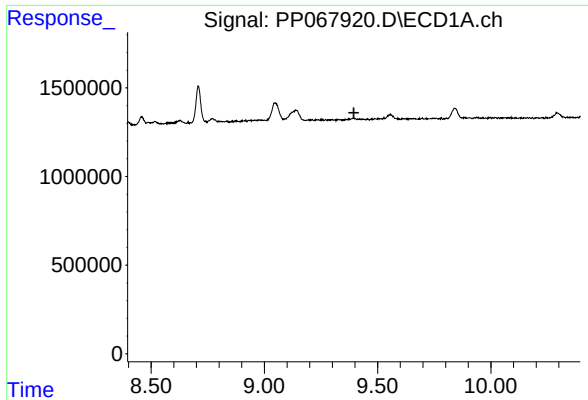
#42 AR-1268-2

R.T.: 9.139 min
Delta R.T.: -0.005 min
Response: 1586863
Conc: 11.62 ng/ml



#42 AR-1268-2

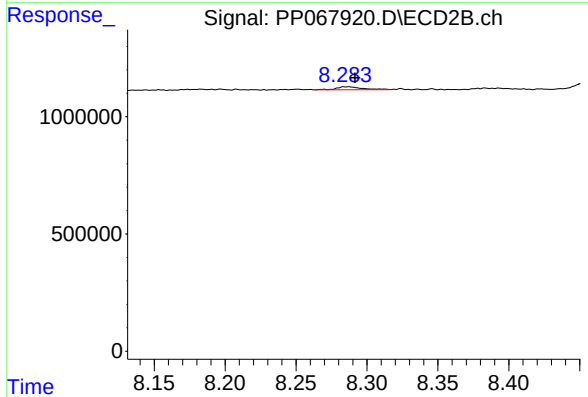
R.T.: 8.068 min
Delta R.T.: -0.005 min
Response: 2518676
Conc: 17.59 ng/ml



#43 AR-1268-3

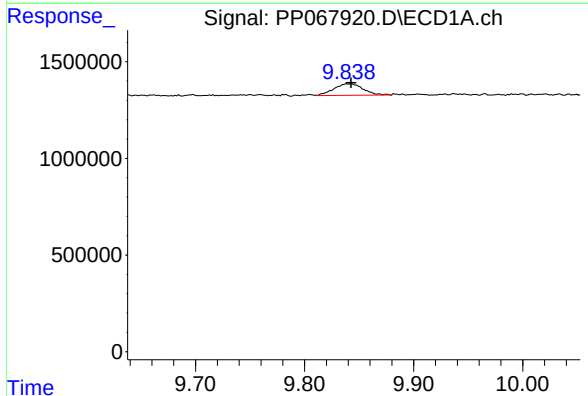
R.T.: 0.000 min
Exp R.T.: 9.395 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



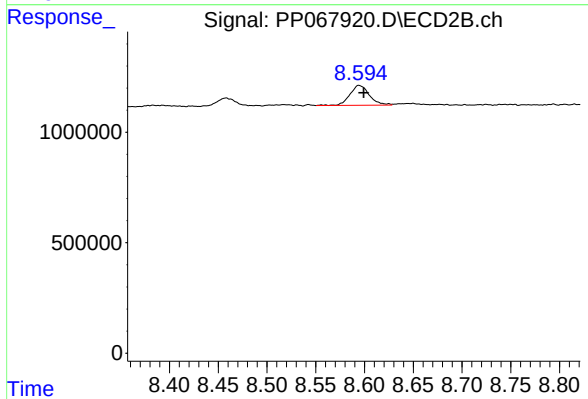
#43 AR-1268-3

R.T.: 8.286 min
Delta R.T.: -0.006 min
Response: 174388
Conc: 1.37 ng/ml



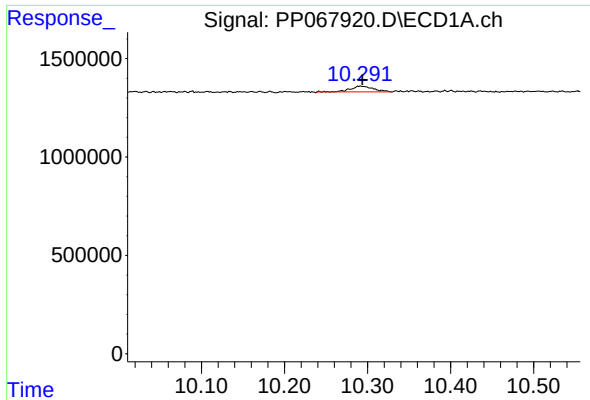
#44 AR-1268-4

R.T.: 9.840 min
Delta R.T.: -0.003 min
Response: 1109723
Conc: 21.84 ng/ml



#44 AR-1268-4

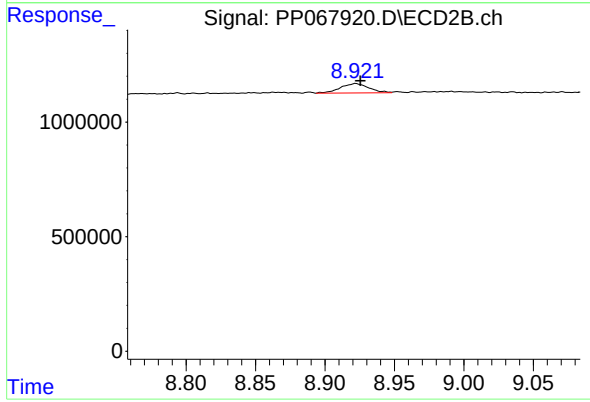
R.T.: 8.594 min
Delta R.T.: -0.005 min
Response: 1243494
Conc: 22.02 ng/ml



#45 AR-1268-5

R.T.: 10.292 min
Delta R.T.: -0.002 min
Response: 562739
Conc: 1.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



#45 AR-1268-5

R.T.: 8.922 min
Delta R.T.: -0.003 min
Response: 581546
Conc: 1.54 ng/ml