

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
 Data File : PQ054138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2021 17:30
 Operator : AJ\MA
 Sample : M2940-01
 Misc : AR1268 LOD 25 PPB
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 04:12:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 30 02:37:02 2021
 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...	5.205	4.208	389.2E6	222.9E6	16.668	15.765
2)	SA Decachlor...	11.380	9.546	348.3E6	281.8E6	20.702	22.339
Target Compounds							
3)	L1 AR-1016-1	0.000	5.495f	0	5385652	N.D.	11.897 #
4)	L1 AR-1016-2	0.000	5.495	0	5385652	N.D.	7.266 #
5)	L1 AR-1016-3	6.600f	5.681	3882157	2153695	5.628	5.974
6)	L1 AR-1016-4	0.000	5.754f	0	9119261	N.D.	31.951 #
9)	L2 AR-1221-2	5.565	4.565	7314036	2877029	40.377	27.273 #
10)	L2 AR-1221-3	0.000	4.641	0	1320269	N.D.	3.762 #
11)	L3 AR-1232-1	0.000	4.641	0	1320269	N.D.	5.656 #
12)	L3 AR-1232-2	0.000	5.495	0	5385652	N.D.	18.595 #
13)	L3 AR-1232-3	0.000	5.681	0	2153695	N.D.	16.233 #
14)	L3 AR-1232-4	0.000	5.754f	0	9119261	N.D.	79.917 #
16)	L4 AR-1242-1	0.000	5.495f	0	5385652	N.D.	19.808 #
17)	L4 AR-1242-2	0.000	5.495	0	5385652	N.D.	11.443 #
18)	L4 AR-1242-3	6.600f	5.681	3882157	2153695	8.917	9.762
19)	L4 AR-1242-4	0.000	5.754f	0	9119261	N.D.	42.153 #
20)	L4 AR-1242-5	0.000	6.343	0	3627579	N.D.	12.228 #
21)	L5 AR-1248-1	0.000	5.495f	0	5385652	N.D.	23.871 #
22)	L5 AR-1248-2	0.000	5.754f	0	9119261	N.D.	27.785 #
23)	L5 AR-1248-3	0.000	5.754f	0	9119261	N.D.	27.576 #
25)	L5 AR-1248-5	0.000	6.388	0	3388003	N.D.	8.501 #
26)	L6 AR-1254-1	0.000	6.343	0	3627579	N.D.	5.425 #
27)	L6 AR-1254-2	0.000	6.523f	0	5645333	N.D.	9.181 #
28)	L6 AR-1254-3	0.000	6.923	0	4297791	N.D.	4.451 #
29)	L6 AR-1254-4	0.000	7.160	0	5987907	N.D.	8.985 #
31)	L7 AR-1260-1	0.000	7.074	0	6922427	N.D.	9.235 #
32)	L7 AR-1260-2	0.000	7.233f	0	6607057	N.D.	6.325 #
33)	L7 AR-1260-3	8.846	7.415	10572502	6335334	14.946	7.280 #
34)	L7 AR-1260-4	9.104f	7.893	13771475	14942525	15.567	23.999 #
35)	L7 AR-1260-5	9.431	8.141	5739544	6338046	3.409	3.699
36)	L8 AR-1262-1	8.846	0.000	10572502	0	10.689	N.D. #
37)	L8 AR-1262-2	9.431	8.141	5739544	6338046	3.180	3.366
38)	L8 AR-1262-3	9.762	8.428	57445175	56708450	46.884	73.869 #
39)	L8 AR-1262-4	9.865	8.494	53080657	48953792	58.633	39.158 #
40)	L8 AR-1262-5	10.575	8.994	20554392	18616898	31.011	32.258
41)	L9 AR-1268-1	9.762	8.428	57445175	56708450	27.236	25.142
42)	L9 AR-1268-2	9.865	8.494	53080657	48953792	27.519	26.209
43)	L9 AR-1268-3	10.105	8.701	43354941	44735314	26.930	26.761
44)	L9 AR-1268-4	10.575	8.994	20554392	18616898	28.101	28.548
45)	L9 AR-1268-5	11.018	9.290	147.0E6	125.1E6	26.949	26.552

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Sample : M2940-01
Misc : AR1268 LOD 25 PPB
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 30 04:12:41 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072921.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jul 30 02:37:02 2021
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
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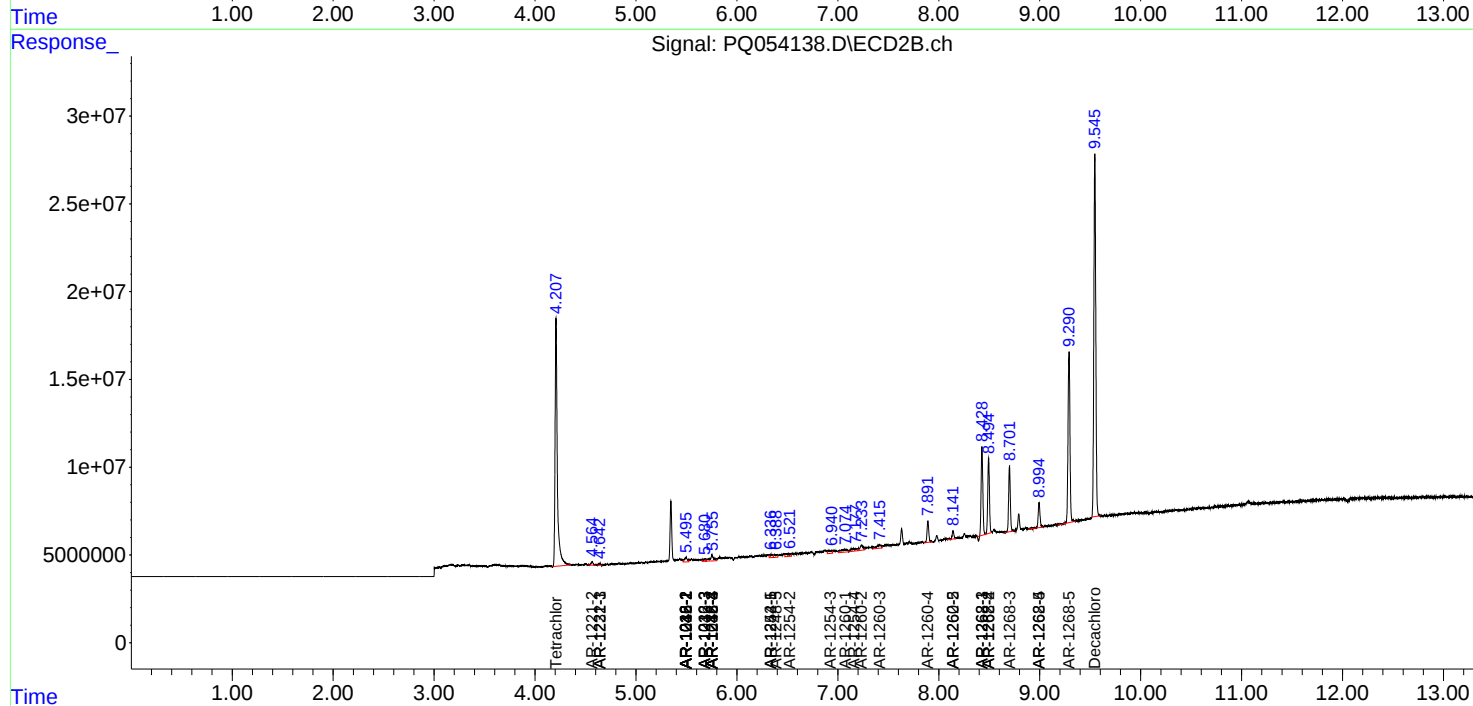
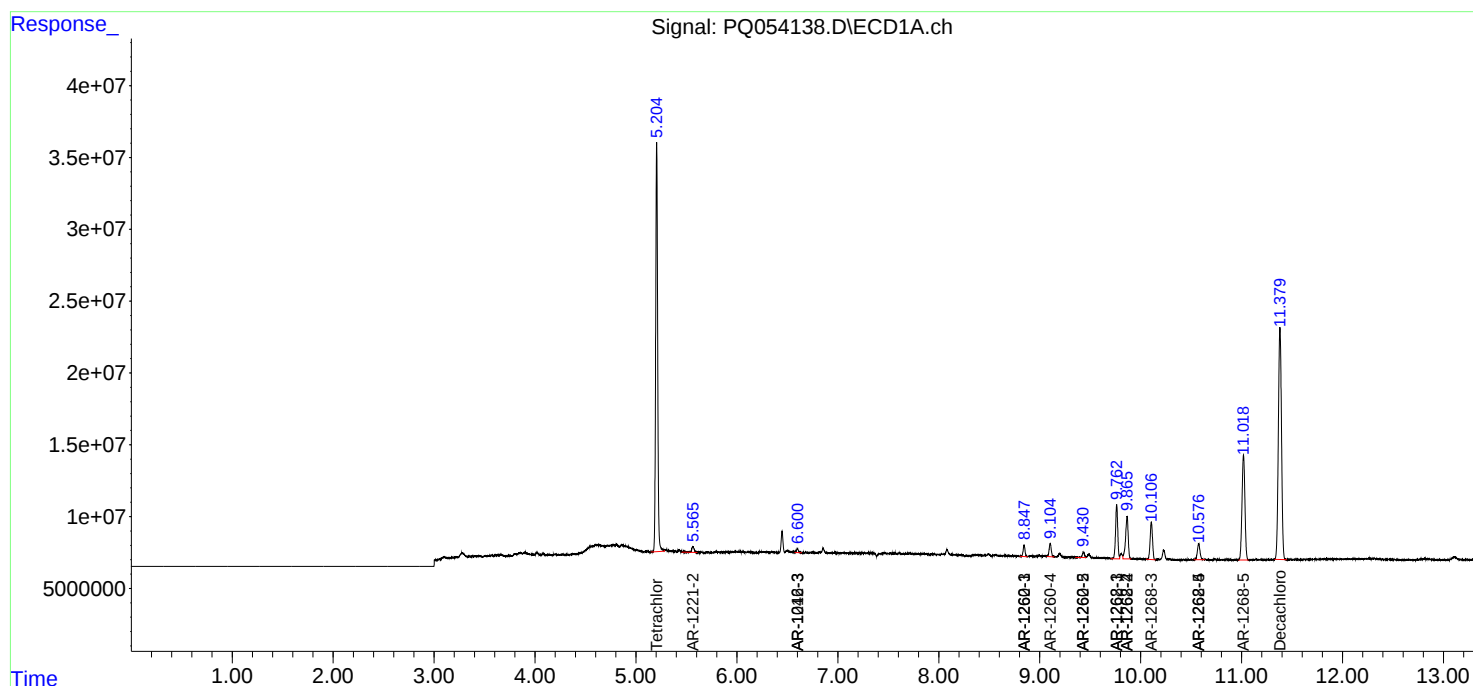
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

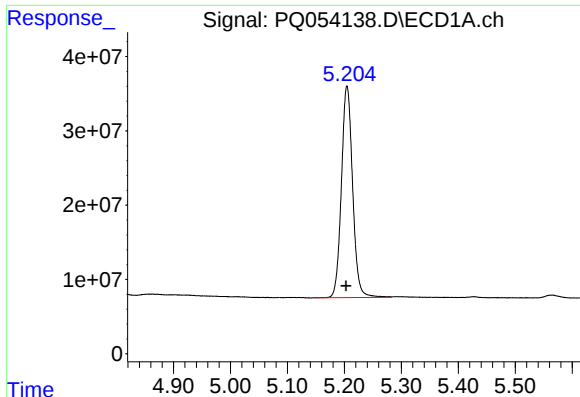
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ072921\
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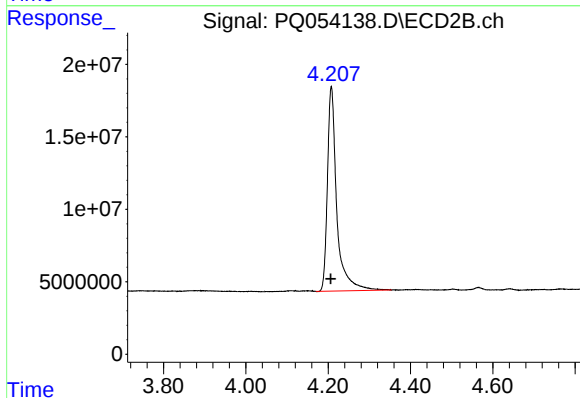




#1 Tetrachloro-m-xylene

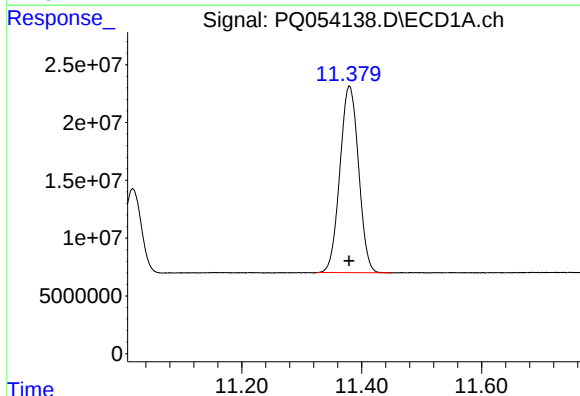
R.T.: 5.205 min
Delta R.T.: 0.002 min
Response: 389246549
Conc: 16.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



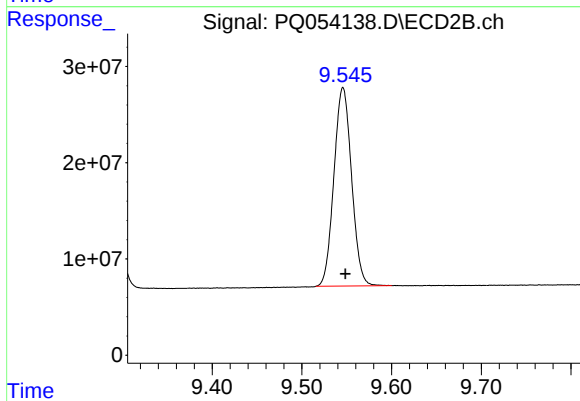
#1 Tetrachloro-m-xylene

R.T.: 4.208 min
Delta R.T.: 0.001 min
Response: 222869698
Conc: 15.76 ng/ml



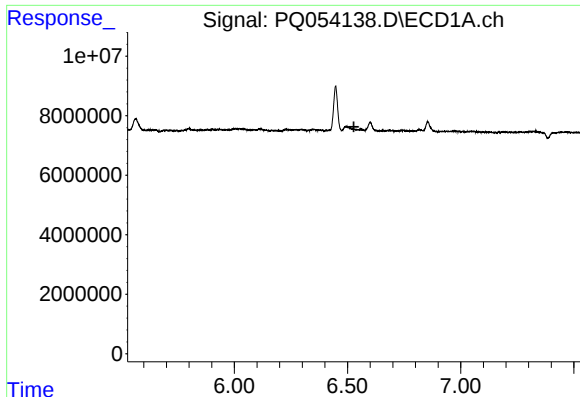
#2 Decachlorobiphenyl

R.T.: 11.380 min
Delta R.T.: 0.000 min
Response: 348332358
Conc: 20.70 ng/ml



#2 Decachlorobiphenyl

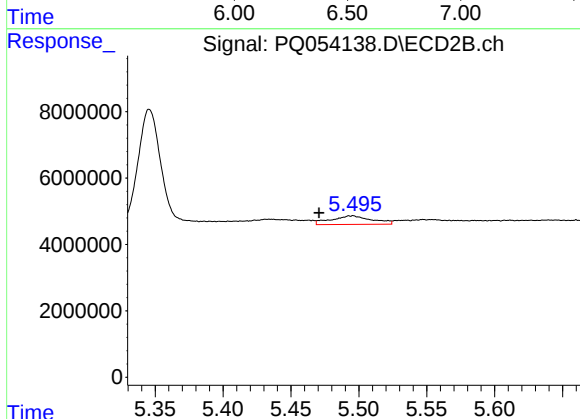
R.T.: 9.546 min
Delta R.T.: -0.002 min
Response: 281779475
Conc: 22.34 ng/ml



#3 AR-1016-1

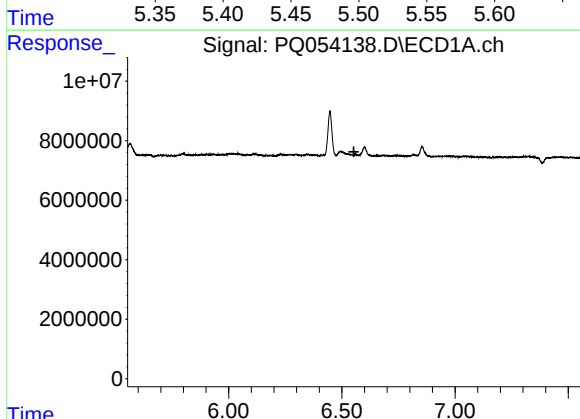
R.T.: 0.000 min
Exp R.T.: 6.528 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



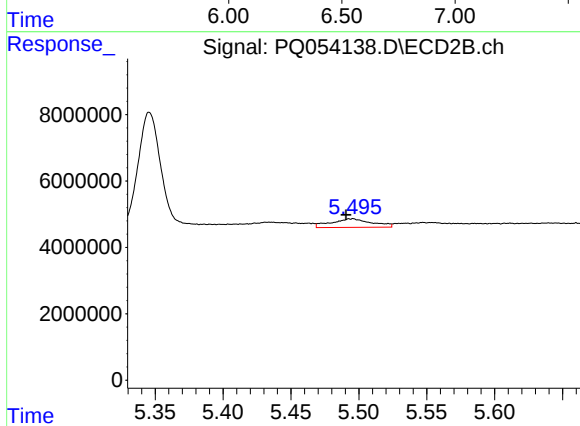
#3 AR-1016-1

R.T.: 5.495 min
Delta R.T.: 0.024 min
Response: 5385652
Conc: 11.90 ng/ml



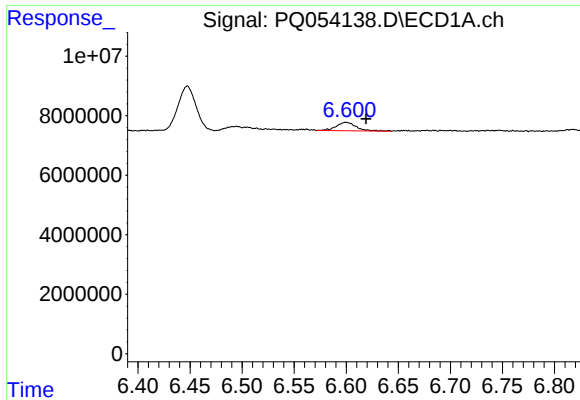
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.553 min
Response: 0
Conc: N.D.



#4 AR-1016-2

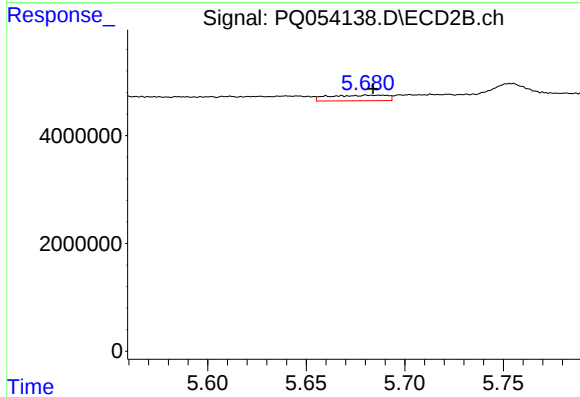
R.T.: 5.495 min
Delta R.T.: 0.004 min
Response: 5385652
Conc: 7.27 ng/ml



#5 AR-1016-3

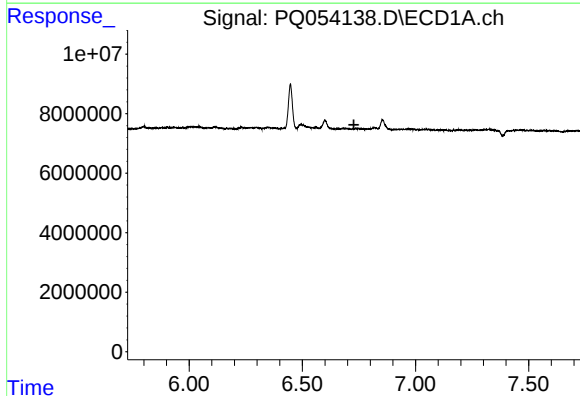
R.T.: 6.600 min
Delta R.T.: -0.019 min
Response: 3882157
Conc: 5.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



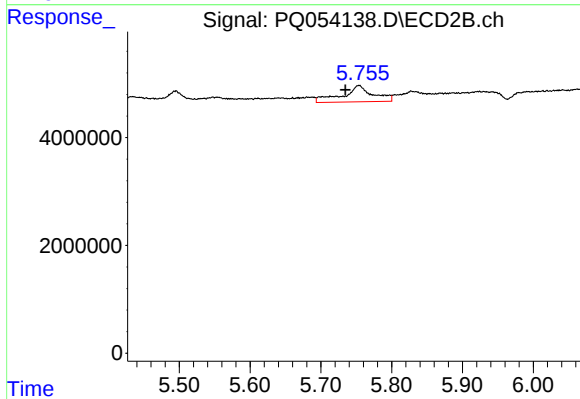
#5 AR-1016-3

R.T.: 5.681 min
Delta R.T.: -0.003 min
Response: 2153695
Conc: 5.97 ng/ml



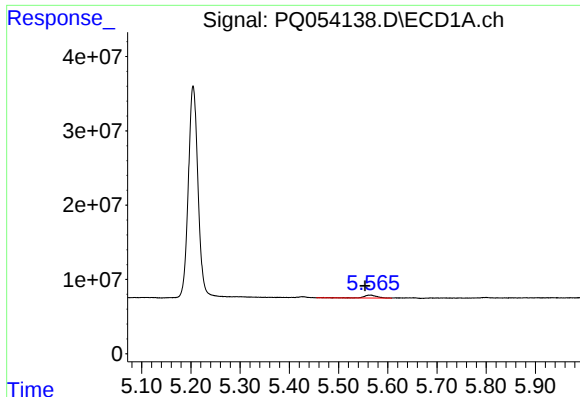
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.728 min
Response: 0
Conc: N.D.



#6 AR-1016-4

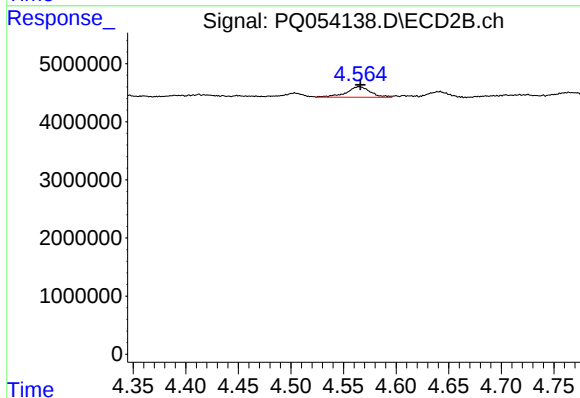
R.T.: 5.754 min
Delta R.T.: 0.019 min
Response: 9119261
Conc: 31.95 ng/ml



#9 AR-1221-2

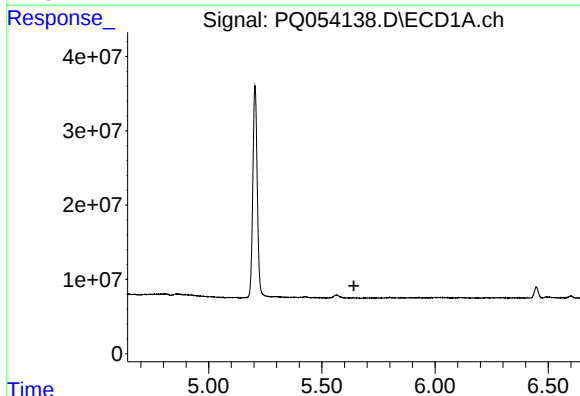
R.T.: 5.565 min
Delta R.T.: 0.011 min
Response: 7314036
Conc: 40.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



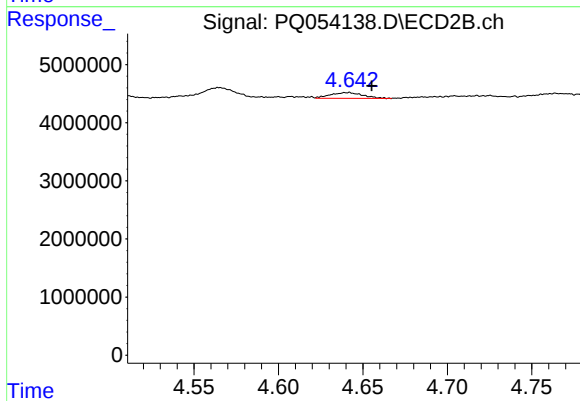
#9 AR-1221-2

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 2877029
Conc: 27.27 ng/ml



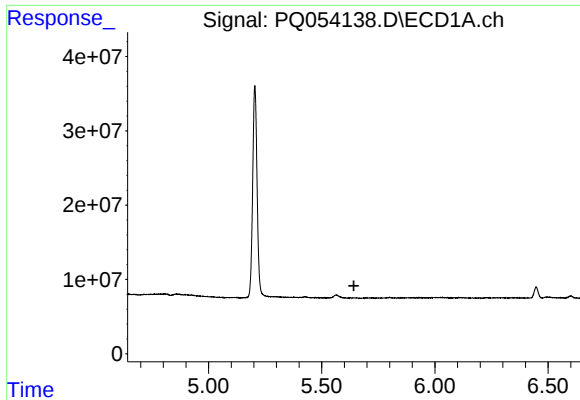
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.641 min
Response: 0
Conc: N.D.



#10 AR-1221-3

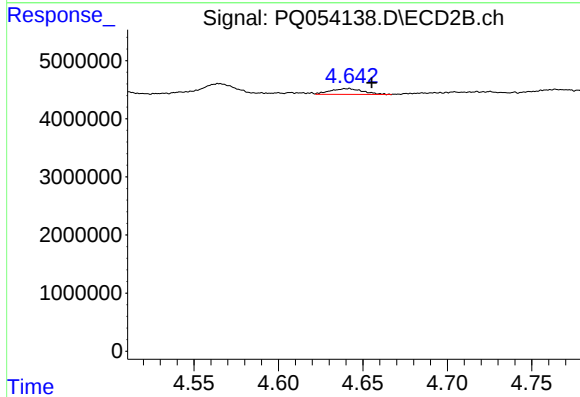
R.T.: 4.641 min
Delta R.T.: -0.014 min
Response: 1320269
Conc: 3.76 ng/ml



#11 AR-1232-1

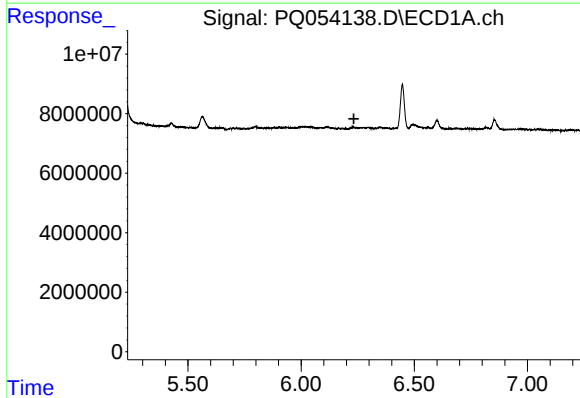
R.T.: 0.000 min
Exp R.T.: 5.642 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



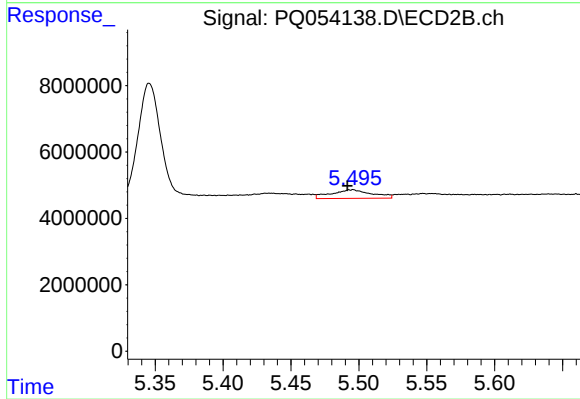
#11 AR-1232-1

R.T.: 4.641 min
Delta R.T.: -0.014 min
Response: 1320269
Conc: 5.66 ng/ml



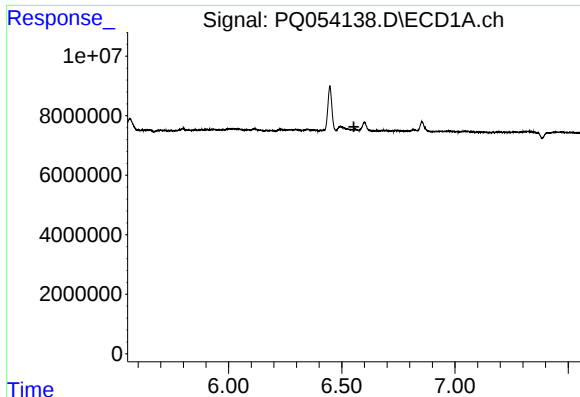
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.233 min
Response: 0
Conc: N.D.



#12 AR-1232-2

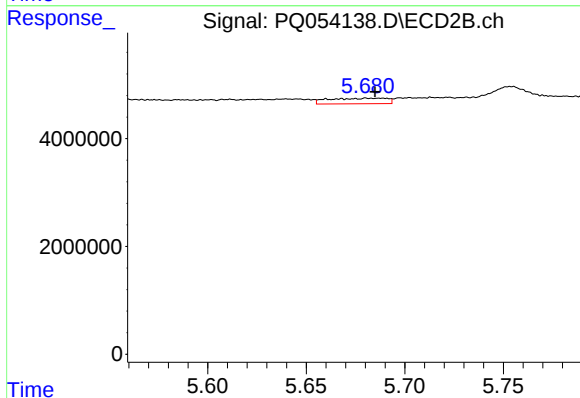
R.T.: 5.495 min
Delta R.T.: 0.004 min
Response: 5385652
Conc: 18.60 ng/ml



#13 AR-1232-3

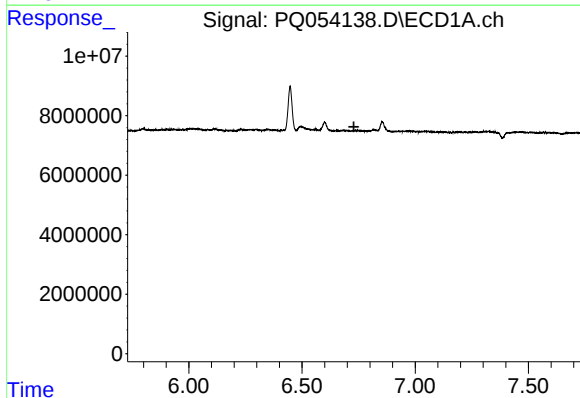
R.T.: 0.000 min
Exp R.T. : 6.554 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



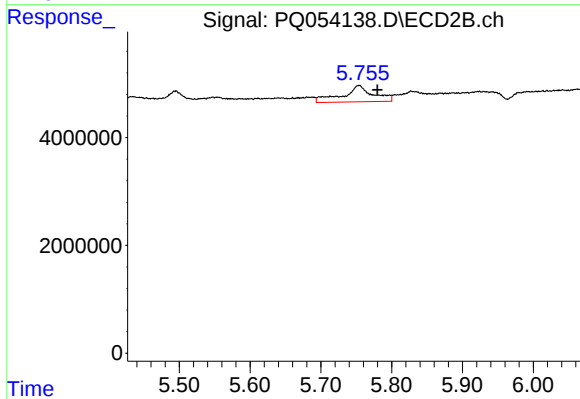
#13 AR-1232-3

R.T.: 5.681 min
Delta R.T.: -0.004 min
Response: 2153695
Conc: 16.23 ng/ml



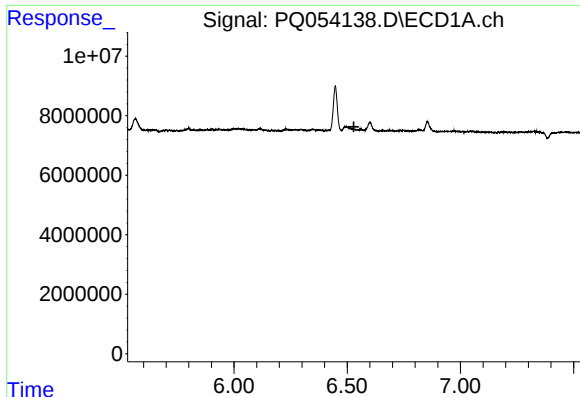
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.729 min
Response: 0
Conc: N.D.



#14 AR-1232-4

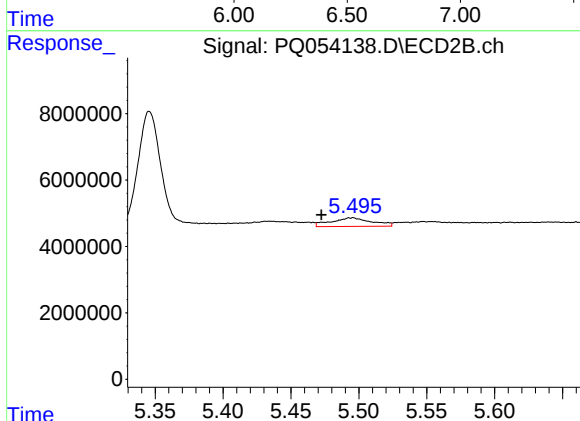
R.T.: 5.754 min
Delta R.T.: -0.026 min
Response: 9119261
Conc: 79.92 ng/ml



#16 AR-1242-1

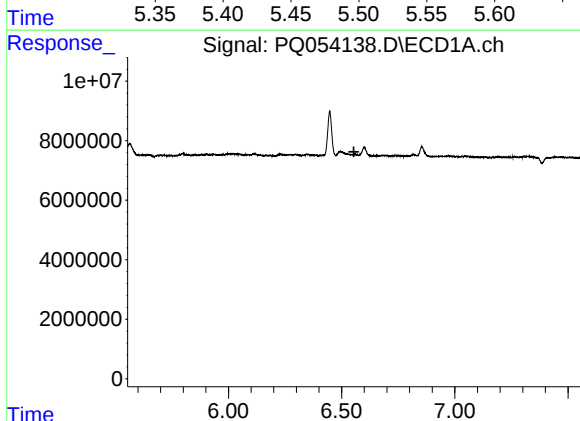
R.T.: 0.000 min
Exp R.T.: 6.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



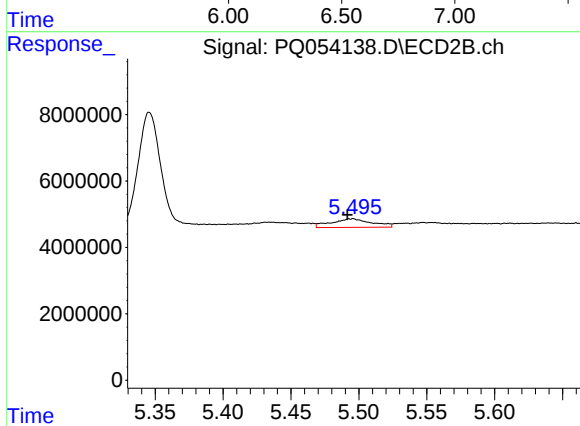
#16 AR-1242-1

R.T.: 5.495 min
Delta R.T.: 0.023 min
Response: 5385652
Conc: 19.81 ng/ml



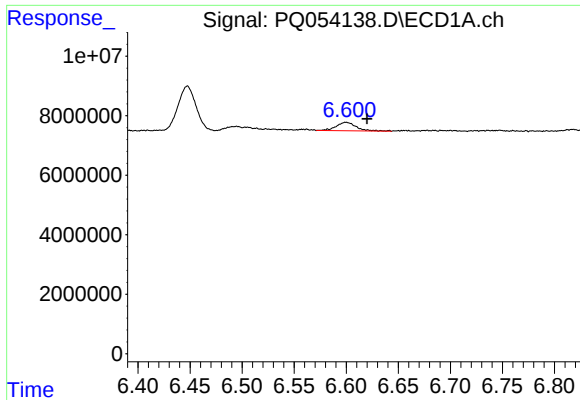
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 6.554 min
Response: 0
Conc: N.D.



#17 AR-1242-2

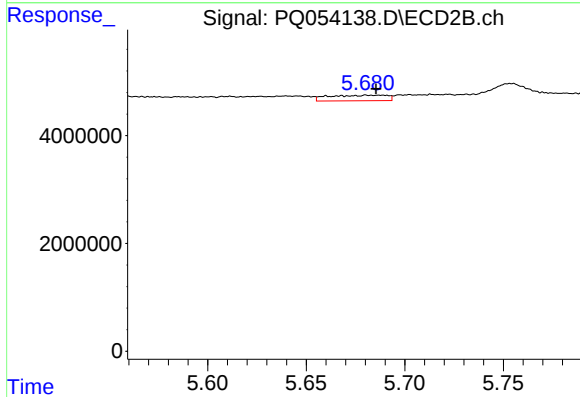
R.T.: 5.495 min
Delta R.T.: 0.004 min
Response: 5385652
Conc: 11.44 ng/ml



#18 AR-1242-3

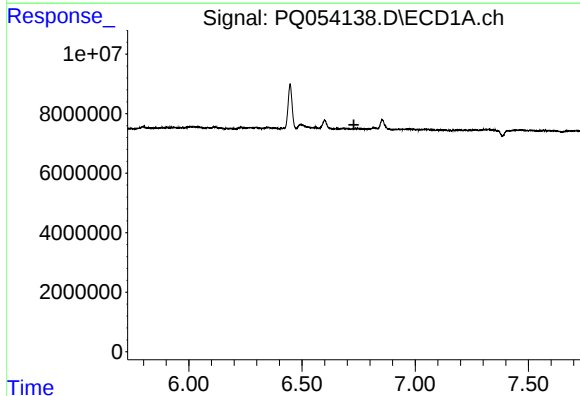
R.T.: 6.600 min
Delta R.T.: -0.020 min
Response: 3882157
Conc: 8.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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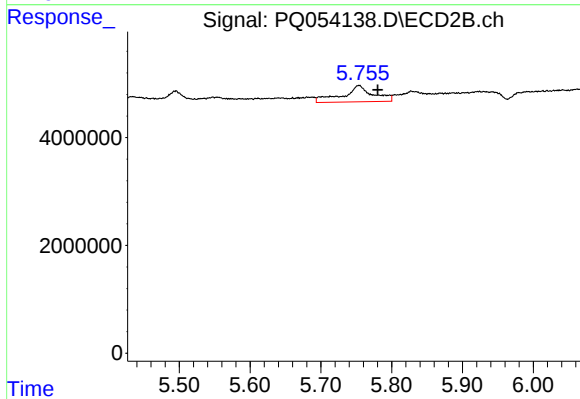
#18 AR-1242-3

R.T.: 5.681 min
Delta R.T.: -0.004 min
Response: 2153695
Conc: 9.76 ng/ml



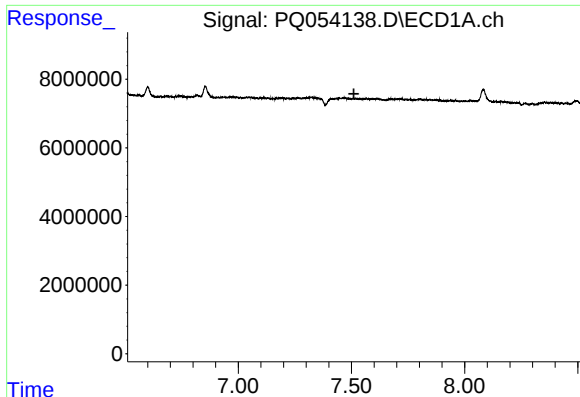
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.729 min
Response: 0
Conc: N.D.



#19 AR-1242-4

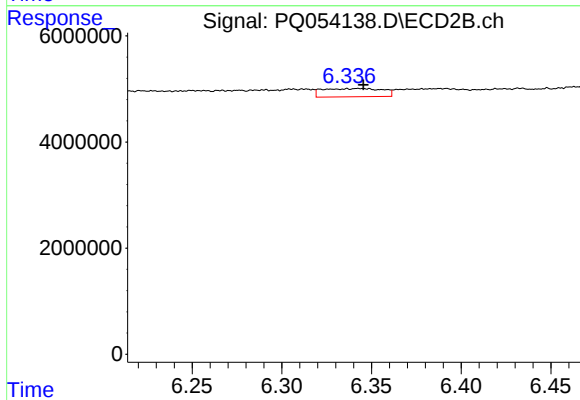
R.T.: 5.754 min
Delta R.T.: -0.026 min
Response: 9119261
Conc: 42.15 ng/ml



#20 AR-1242-5

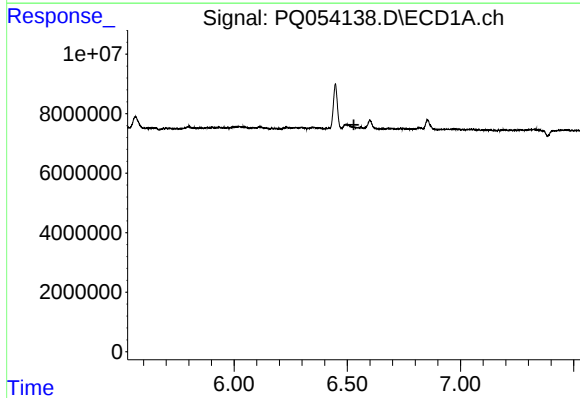
R.T.: 0.000 min
Exp R.T.: 7.511 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



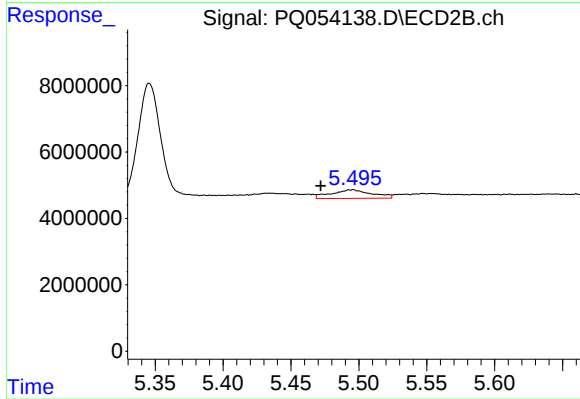
#20 AR-1242-5

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 3627579
Conc: 12.23 ng/ml



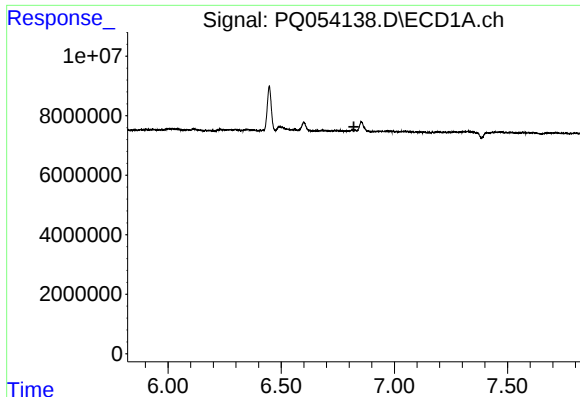
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T.: 6.529 min
Response: 0
Conc: N.D.



#21 AR-1248-1

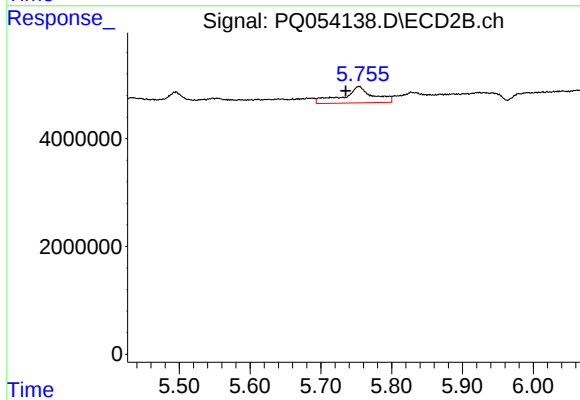
R.T.: 5.495 min
Delta R.T.: 0.023 min
Response: 5385652
Conc: 23.87 ng/ml



#22 AR-1248-2

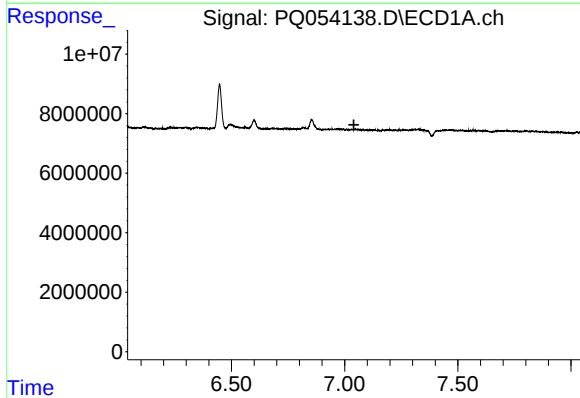
R.T.: 0.000 min
Exp R.T. : 6.821 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



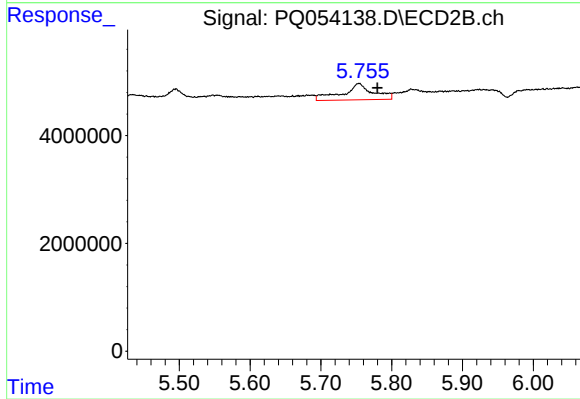
#22 AR-1248-2

R.T.: 5.754 min
Delta R.T.: 0.019 min
Response: 9119261
Conc: 27.79 ng/ml



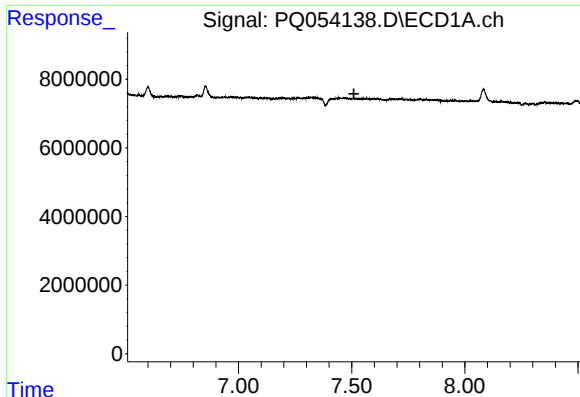
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 7.041 min
Response: 0
Conc: N.D.



#23 AR-1248-3

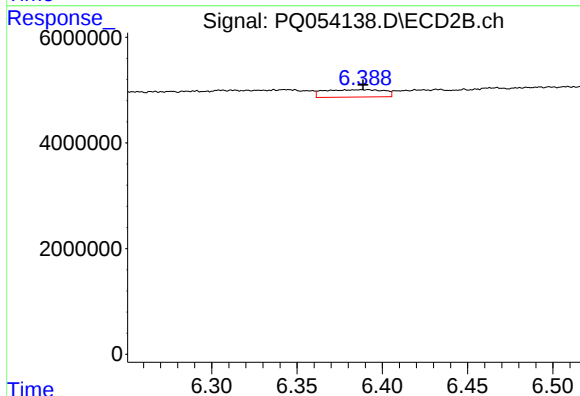
R.T.: 5.754 min
Delta R.T.: -0.026 min
Response: 9119261
Conc: 27.58 ng/ml



#25 AR-1248-5

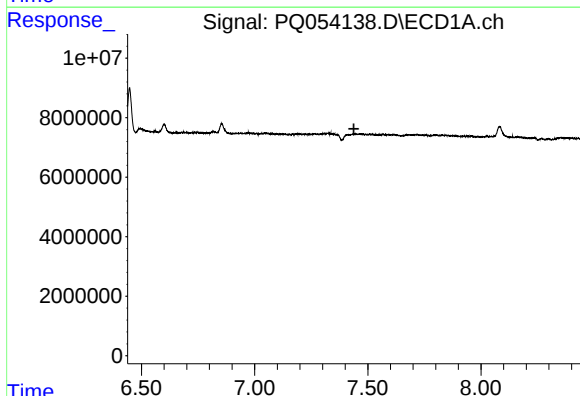
R.T.: 0.000 min
Exp R.T.: 7.510 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



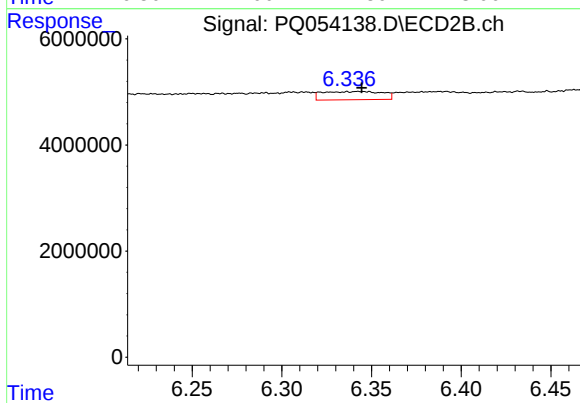
#25 AR-1248-5

R.T.: 6.388 min
Delta R.T.: 0.000 min
Response: 3388003
Conc: 8.50 ng/ml



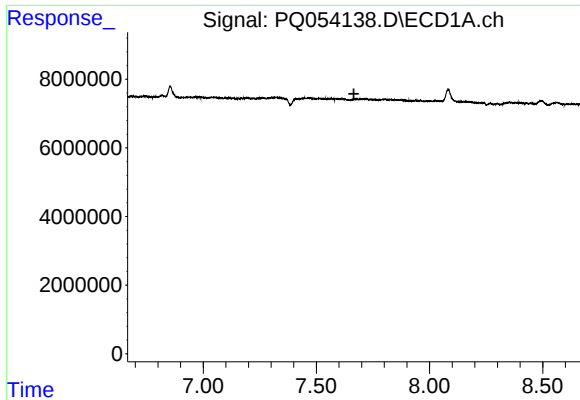
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 7.439 min
Response: 0
Conc: N.D.



#26 AR-1254-1

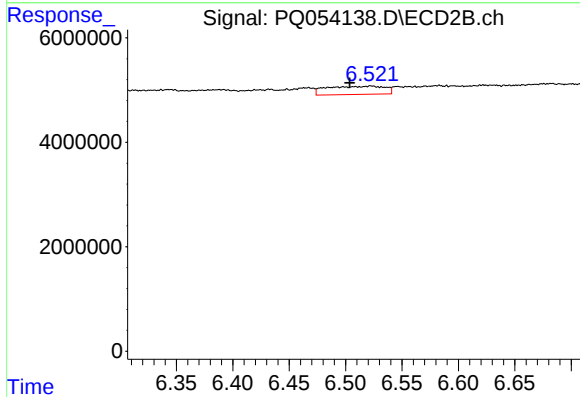
R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 3627579
Conc: 5.42 ng/ml



#27 AR-1254-2

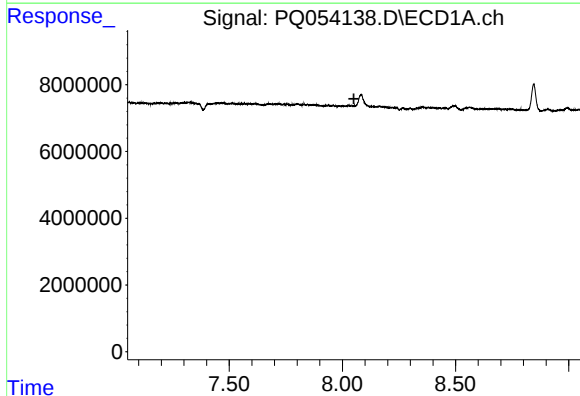
R.T.: 0.000 min
Exp R.T. : 7.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



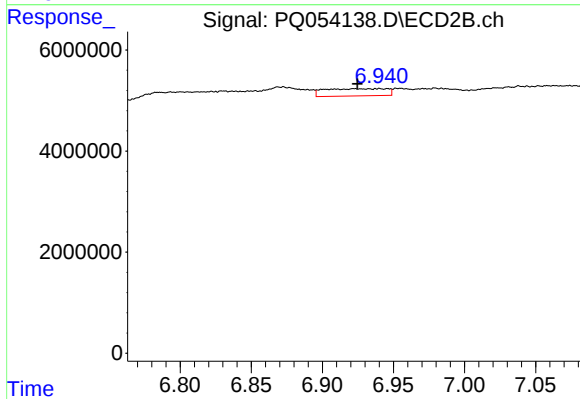
#27 AR-1254-2

R.T.: 6.523 min
Delta R.T.: 0.019 min
Response: 5645333
Conc: 9.18 ng/ml



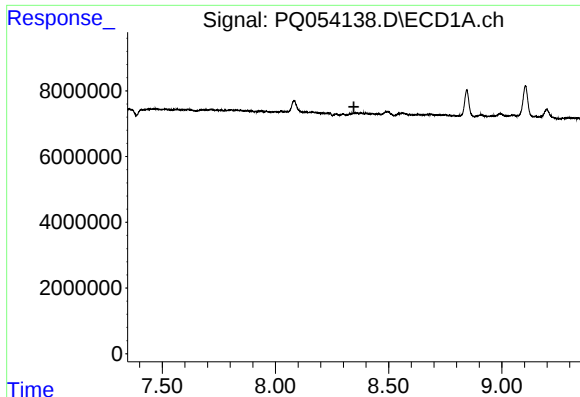
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 8.051 min
Response: 0
Conc: N.D.



#28 AR-1254-3

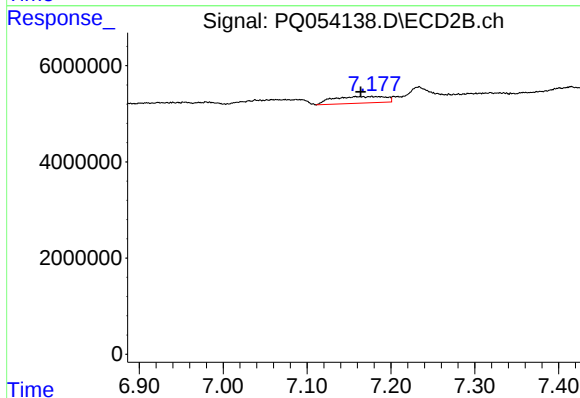
R.T.: 6.923 min
Delta R.T.: -0.002 min
Response: 4297791
Conc: 4.45 ng/ml



#29 AR-1254-4

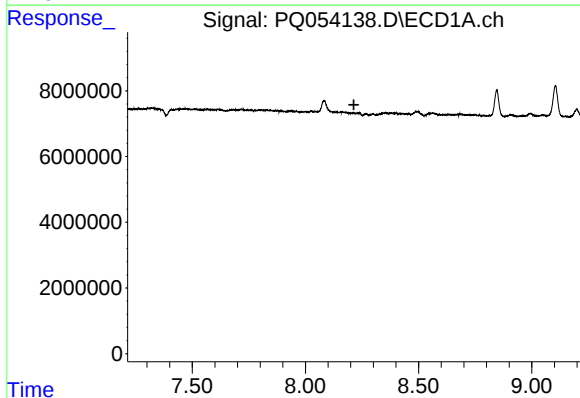
R.T.: 0.000 min
Exp R.T.: 8.346 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



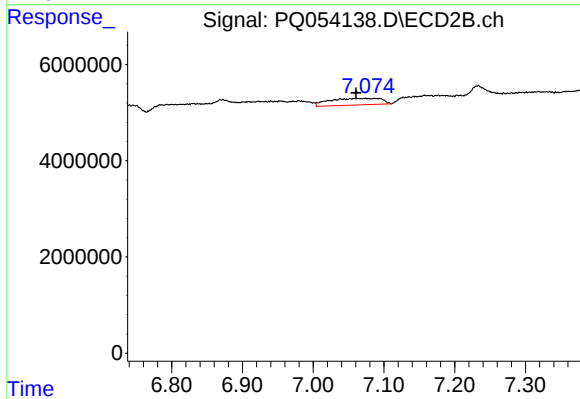
#29 AR-1254-4

R.T.: 7.160 min
Delta R.T.: -0.004 min
Response: 5987907
Conc: 8.98 ng/ml



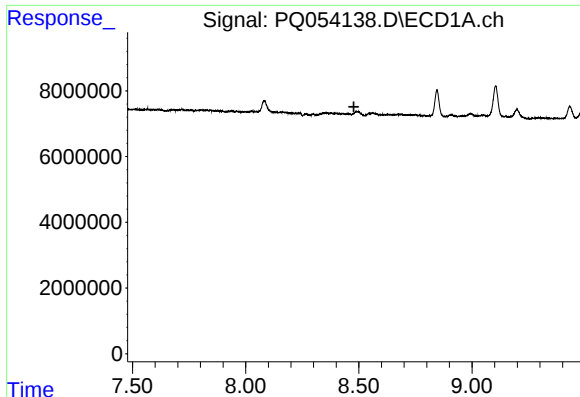
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 8.214 min
Response: 0
Conc: N.D.



#31 AR-1260-1

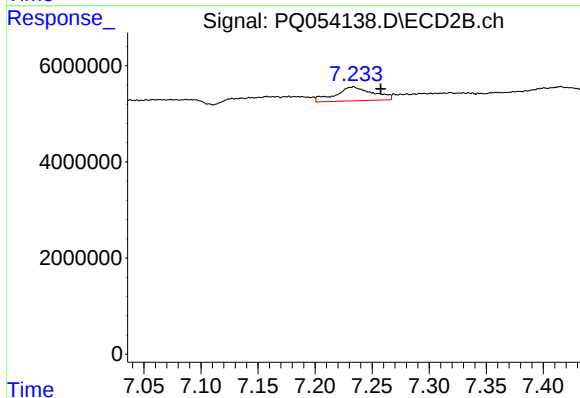
R.T.: 7.074 min
Delta R.T.: 0.013 min
Response: 6922427
Conc: 9.24 ng/ml



#32 AR-1260-2

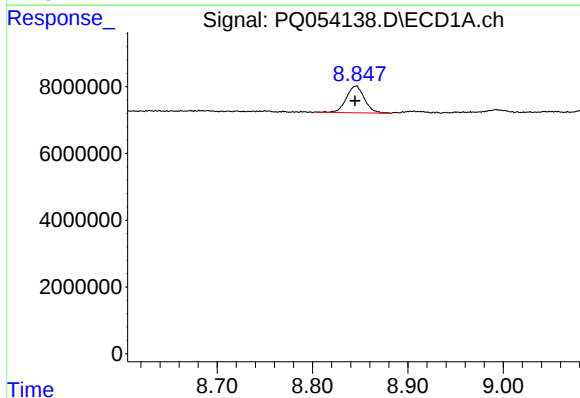
R.T.: 0.000 min
Exp R.T.: 8.478 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



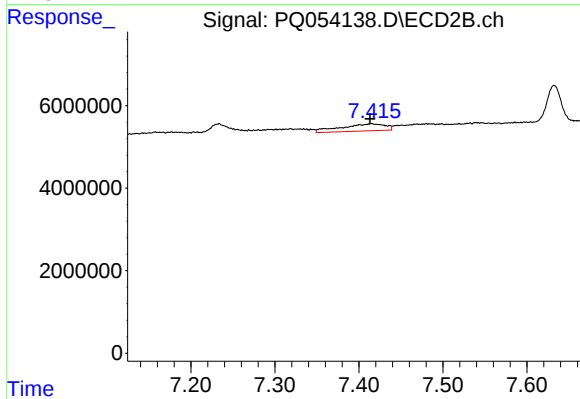
#32 AR-1260-2

R.T.: 7.233 min
Delta R.T.: -0.024 min
Response: 6607057
Conc: 6.33 ng/ml



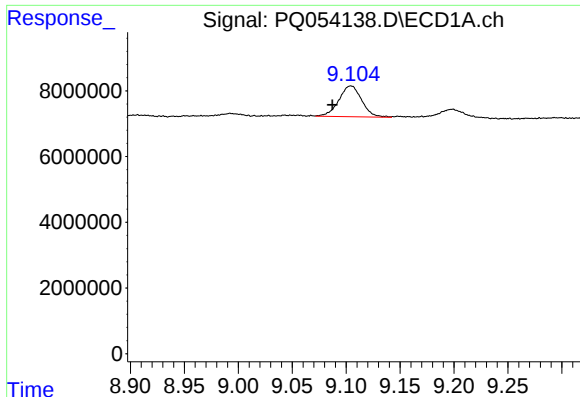
#33 AR-1260-3

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 10572502
Conc: 14.95 ng/ml



#33 AR-1260-3

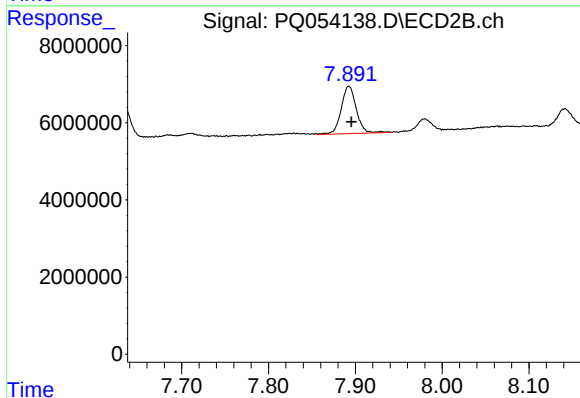
R.T.: 7.415 min
Delta R.T.: 0.002 min
Response: 6335334
Conc: 7.28 ng/ml



#34 AR-1260-4

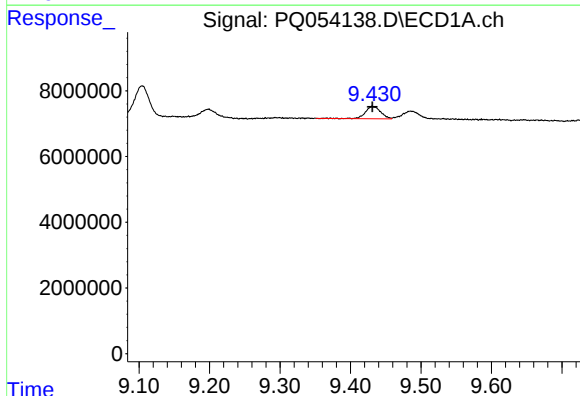
R.T.: 9.104 min
Delta R.T.: 0.017 min
Response: 13771475
Conc: 15.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



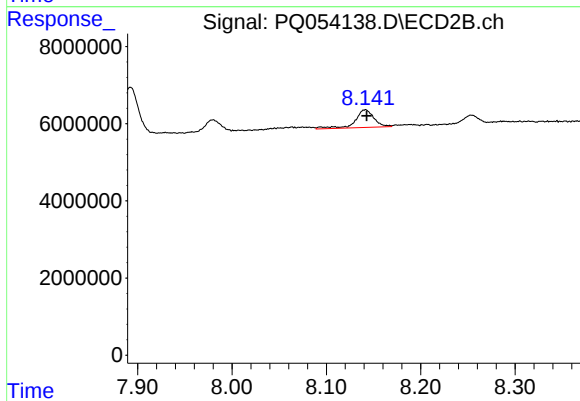
#34 AR-1260-4

R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 14942525
Conc: 24.00 ng/ml



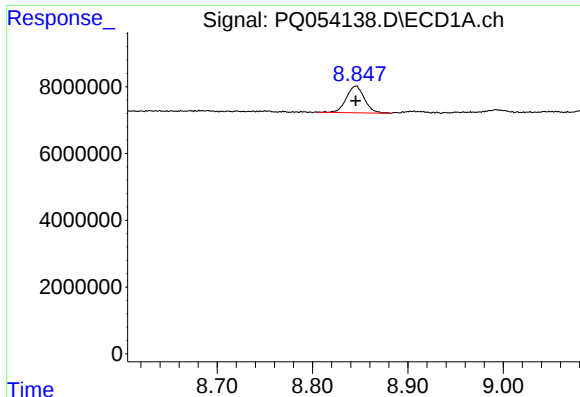
#35 AR-1260-5

R.T.: 9.431 min
Delta R.T.: 0.000 min
Response: 5739544
Conc: 3.41 ng/ml



#35 AR-1260-5

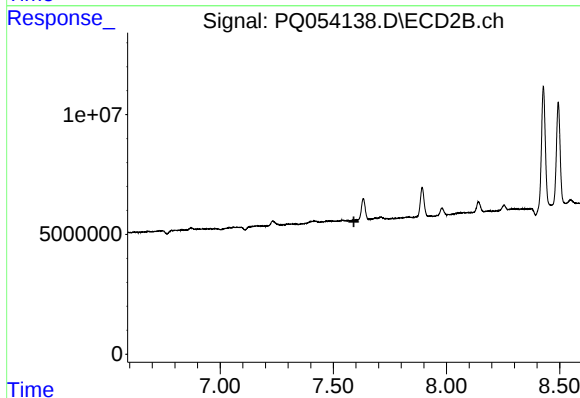
R.T.: 8.141 min
Delta R.T.: -0.001 min
Response: 6338046
Conc: 3.70 ng/ml



#36 AR-1262-1

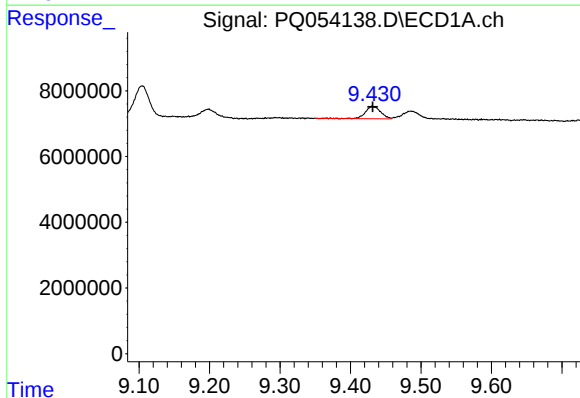
R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 10572502
Conc: 10.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



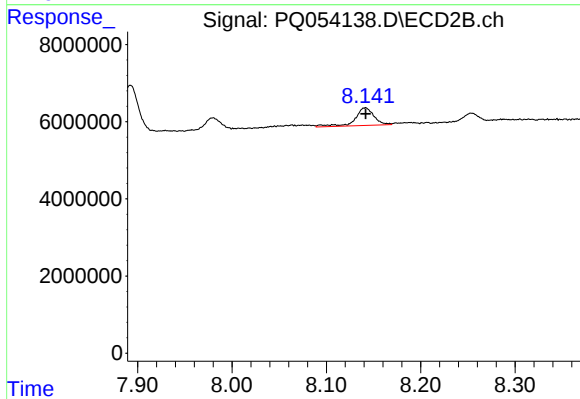
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.591 min
Response: 0
Conc: N.D.



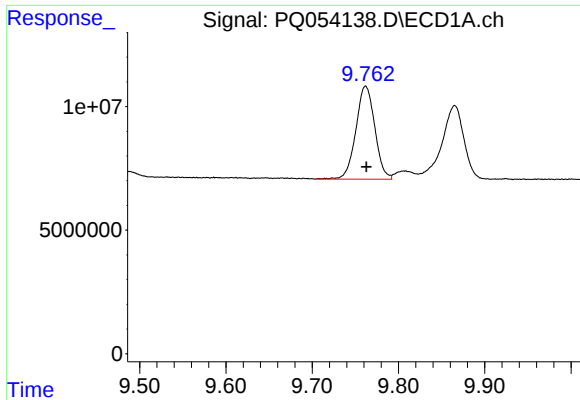
#37 AR-1262-2

R.T.: 9.431 min
Delta R.T.: 0.000 min
Response: 5739544
Conc: 3.18 ng/ml



#37 AR-1262-2

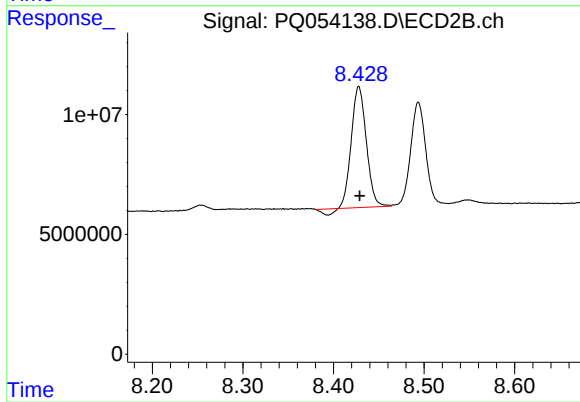
R.T.: 8.141 min
Delta R.T.: 0.000 min
Response: 6338046
Conc: 3.37 ng/ml



#38 AR-1262-3

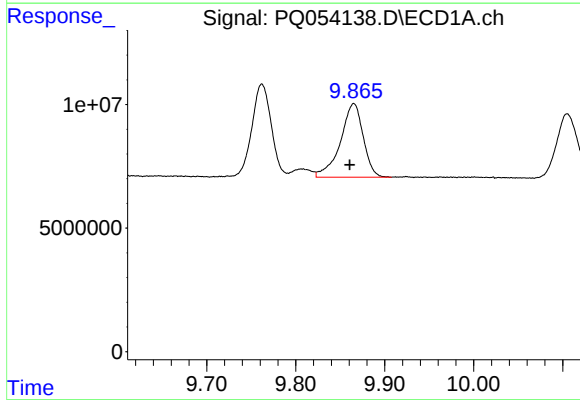
R.T.: 9.762 min
Delta R.T.: 0.000 min
Response: 57445175
Conc: 46.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



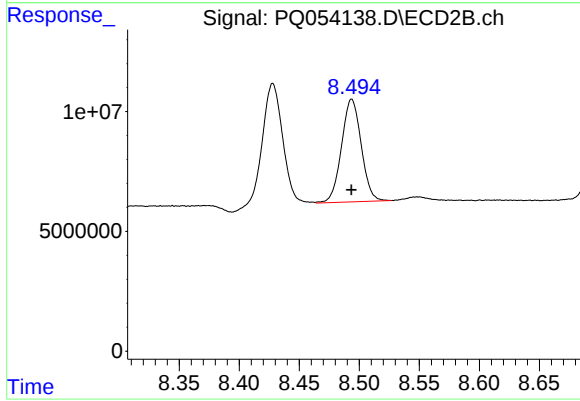
#38 AR-1262-3

R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 56708450
Conc: 73.87 ng/ml



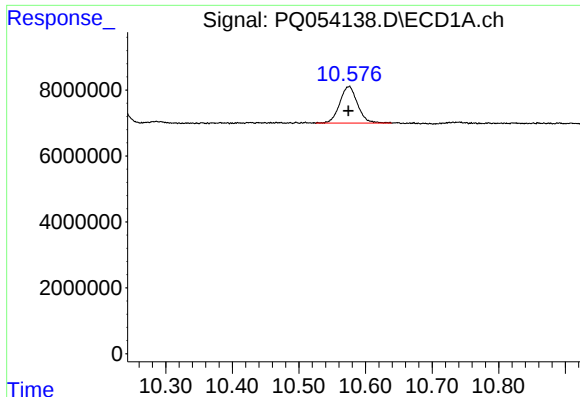
#39 AR-1262-4

R.T.: 9.865 min
Delta R.T.: 0.005 min
Response: 53080657
Conc: 58.63 ng/ml



#39 AR-1262-4

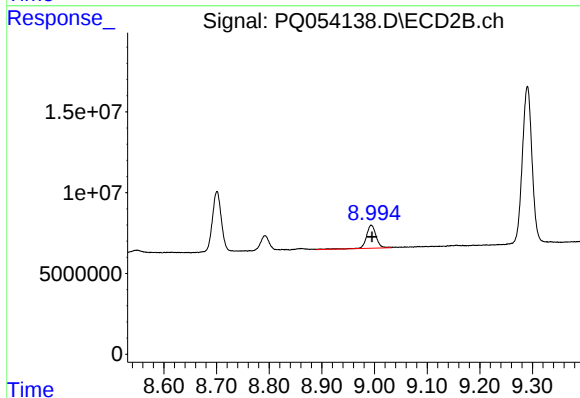
R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 48953792
Conc: 39.16 ng/ml



#40 AR-1262-5

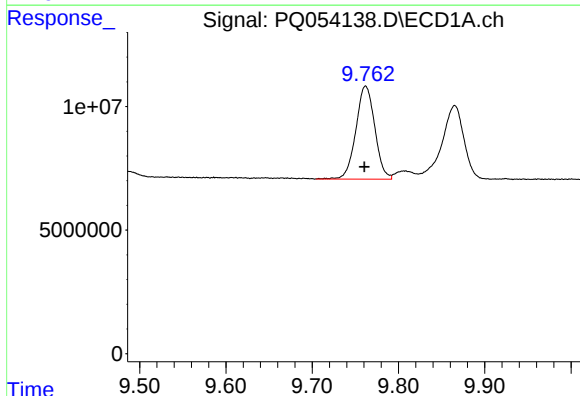
R.T.: 10.575 min
Delta R.T.: 0.001 min
Response: 20554392
Conc: 31.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



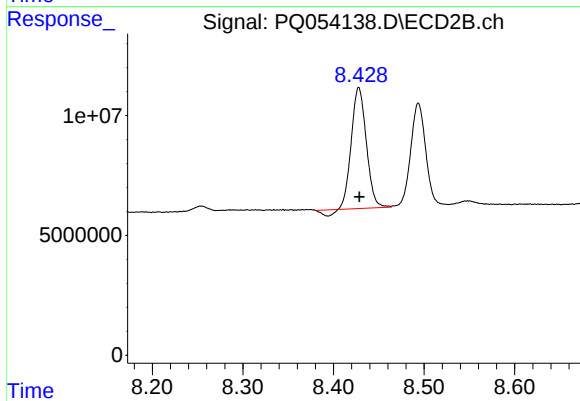
#40 AR-1262-5

R.T.: 8.994 min
Delta R.T.: -0.001 min
Response: 18616898
Conc: 32.26 ng/ml



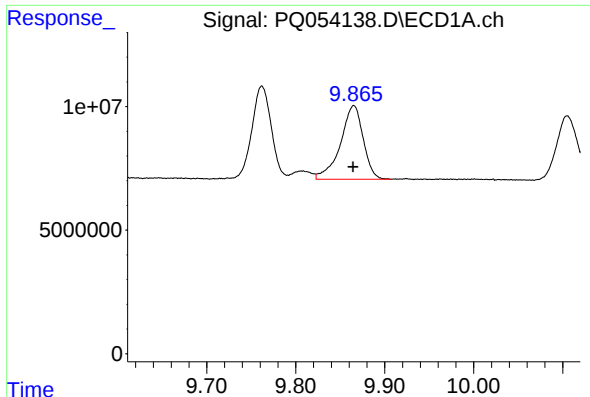
#41 AR-1268-1

R.T.: 9.762 min
Delta R.T.: 0.002 min
Response: 57445175
Conc: 27.24 ng/ml



#41 AR-1268-1

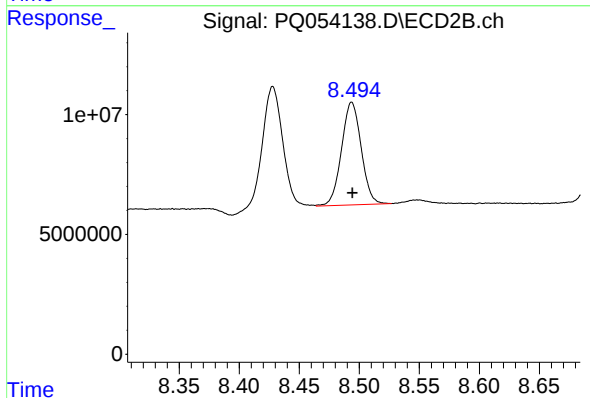
R.T.: 8.428 min
Delta R.T.: 0.000 min
Response: 56708450
Conc: 25.14 ng/ml



#42 AR-1268-2

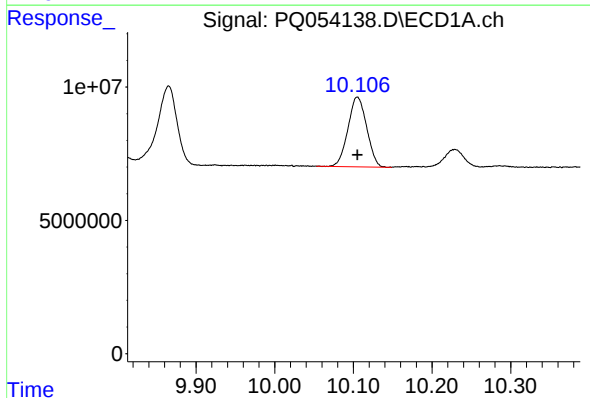
R.T.: 9.865 min
Delta R.T.: 0.000 min
Response: 53080657
Conc: 27.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



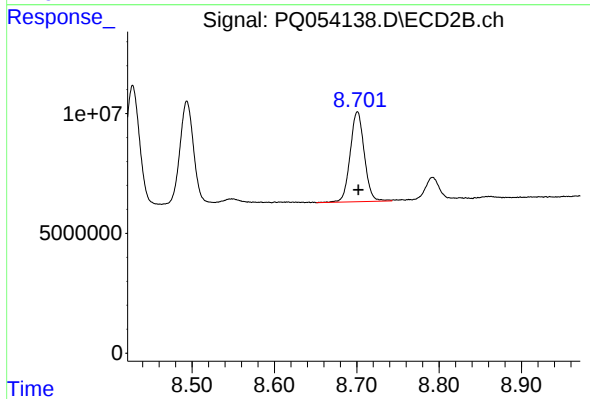
#42 AR-1268-2

R.T.: 8.494 min
Delta R.T.: 0.000 min
Response: 48953792
Conc: 26.21 ng/ml



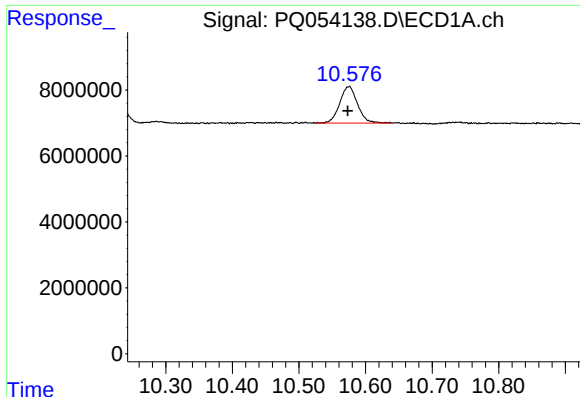
#43 AR-1268-3

R.T.: 10.105 min
Delta R.T.: 0.000 min
Response: 43354941
Conc: 26.93 ng/ml



#43 AR-1268-3

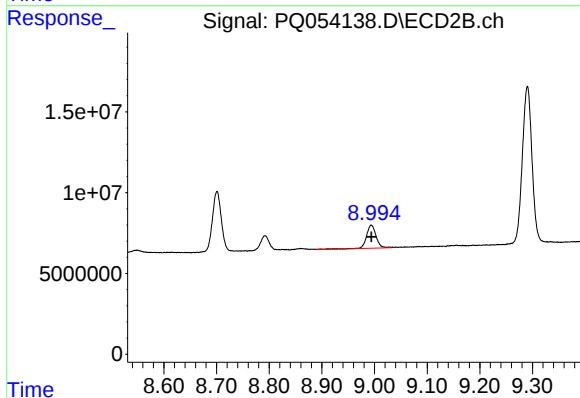
R.T.: 8.701 min
Delta R.T.: -0.001 min
Response: 44735314
Conc: 26.76 ng/ml



#44 AR-1268-4

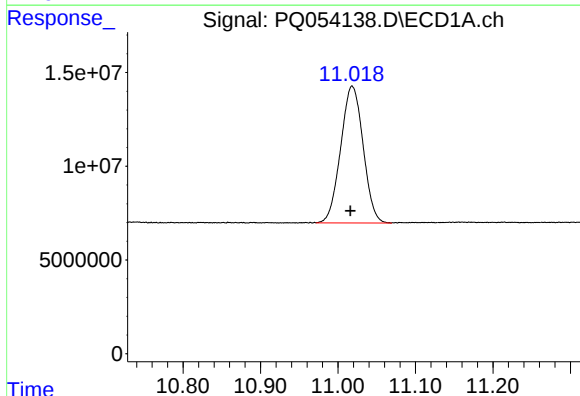
R.T.: 10.575 min
Delta R.T.: 0.002 min
Response: 20554392
Conc: 28.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



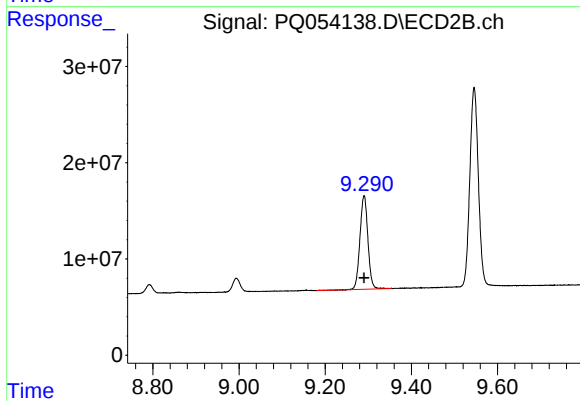
#44 AR-1268-4

R.T.: 8.994 min
Delta R.T.: 0.000 min
Response: 18616898
Conc: 28.55 ng/ml



#45 AR-1268-5

R.T.: 11.018 min
Delta R.T.: 0.002 min
Response: 146954758
Conc: 26.95 ng/ml



#45 AR-1268-5

R.T.: 9.290 min
Delta R.T.: 0.000 min
Response: 125116057
Conc: 26.55 ng/ml