

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110420\
 Data File : PP031154.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Nov 2020 5:14
 Operator : DD\AJ
 Sample : L4214-03
 Misc : AR1232 MDL 25 PPB
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 MDL-SOIL-03-QT4-2020

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 07:00:05 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 04 08:24:38 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.798	4.073	929693	887518	13.919	13.352
2)	SA Decachlor...	10.679	9.395	595267	664028	14.888	15.903
Target Compounds							
3)	L1 AR-1016-1	6.104	5.333	18059	14543	9.275	7.839
4)	L1 AR-1016-2	6.127	5.354	25355	22637	8.882	8.328
5)	L1 AR-1016-3	6.193	5.546	15633	12362	8.975	9.760
6)	L1 AR-1016-4	6.298	5.599	10940	6498	7.571	7.046
7)	L1 AR-1016-5	6.613	5.827	11269	8630	9.040	6.575 #
8)	L2 AR-1221-1	5.044	4.333	12320	9590	20.402	17.028
9)	L2 AR-1221-2	5.143	4.429	18378	15936	40.916	38.411
10)	L2 AR-1221-3	5.228	4.520	27882	23344	20.658	17.800
11)	L3 AR-1232-1	5.228	4.520	27882	23344	22.798	19.488
12)	L3 AR-1232-2	5.812	5.354	15485	22637	25.501	21.302
13)	L3 AR-1232-3	6.127	5.546	25355	12362	22.697	24.111
14)	L3 AR-1232-4	6.298	5.641	10940	9752	19.275	22.329
15)	L3 AR-1232-5	6.399	5.827	6499	8630	18.756	17.871
16)	L4 AR-1242-1	6.104	5.333	18059	14543	13.442	11.301
17)	L4 AR-1242-2	6.127	5.354	25355	22637	12.983	12.123
18)	L4 AR-1242-3	6.193	5.546	15633	12362	12.819	13.167
19)	L4 AR-1242-4	6.298	5.641	10940	9752	10.798	11.246
20)	L4 AR-1242-5	7.077	6.207	15469	11066	16.210	11.116 #
21)	L5 AR-1248-1	6.104	5.333	18059	14543	18.728	15.717
22)	L5 AR-1248-2	6.399	5.599	6499	6498	5.619	5.896
23)	L5 AR-1248-3	6.613	5.641	11269	9752	7.921	8.057
24)	L5 AR-1248-4	7.038	5.827	12944	8630	8.493	5.847 #
25)	L5 AR-1248-5	7.077	6.249	15469	11418	10.196	9.041
26)	L6 AR-1254-1	7.011	6.207	17100	11066	12.179	5.627 #
27)	L6 AR-1254-2	7.241	0.000	22929	0	11.000	N.D. #
28)	L6 AR-1254-3	7.620	0.000	57728	0	25.012	N.D. #
30)	L6 AR-1254-5	0.000	7.466	0	1364	N.D.	0.623 #
33)	L7 AR-1260-3	0.000	7.273	0	1854	N.D.	0.816 #
35)	L7 AR-1260-5	0.000	8.018	0	4013	N.D.	0.892 #
36)	L8 AR-1262-1	0.000	7.507	0	1032	N.D.	0.444 #
37)	L8 AR-1262-2	0.000	8.018	0	4013	N.D.	0.968 #
38)	L8 AR-1262-3	0.000	8.306	0	3248	N.D.	1.916 #
39)	L8 AR-1262-4	9.325f	8.374	17691	3509	8.592	1.105 #
40)	L8 AR-1262-5	10.002f	0.000	17595	0	12.421	N.D. #
41)	L9 AR-1268-1	0.000	8.306	0	3248	N.D.	0.664 #
42)	L9 AR-1268-2	9.325f	8.374	17691	3509	4.114	0.738 #
43)	L9 AR-1268-3	0.000	8.604f	0	683	N.D.	0.171 #
44)	L9 AR-1268-4	10.002f	0.000	17595	0	11.109	N.D. #
45)	L9 AR-1268-5	10.394f	9.140	123249	2869	10.306	0.214 #

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Sample : L4214-03
Misc : AR1232 MDL 25 PPB
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ECD_P
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 07:00:05 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110420.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 04 08:24:38 2020
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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

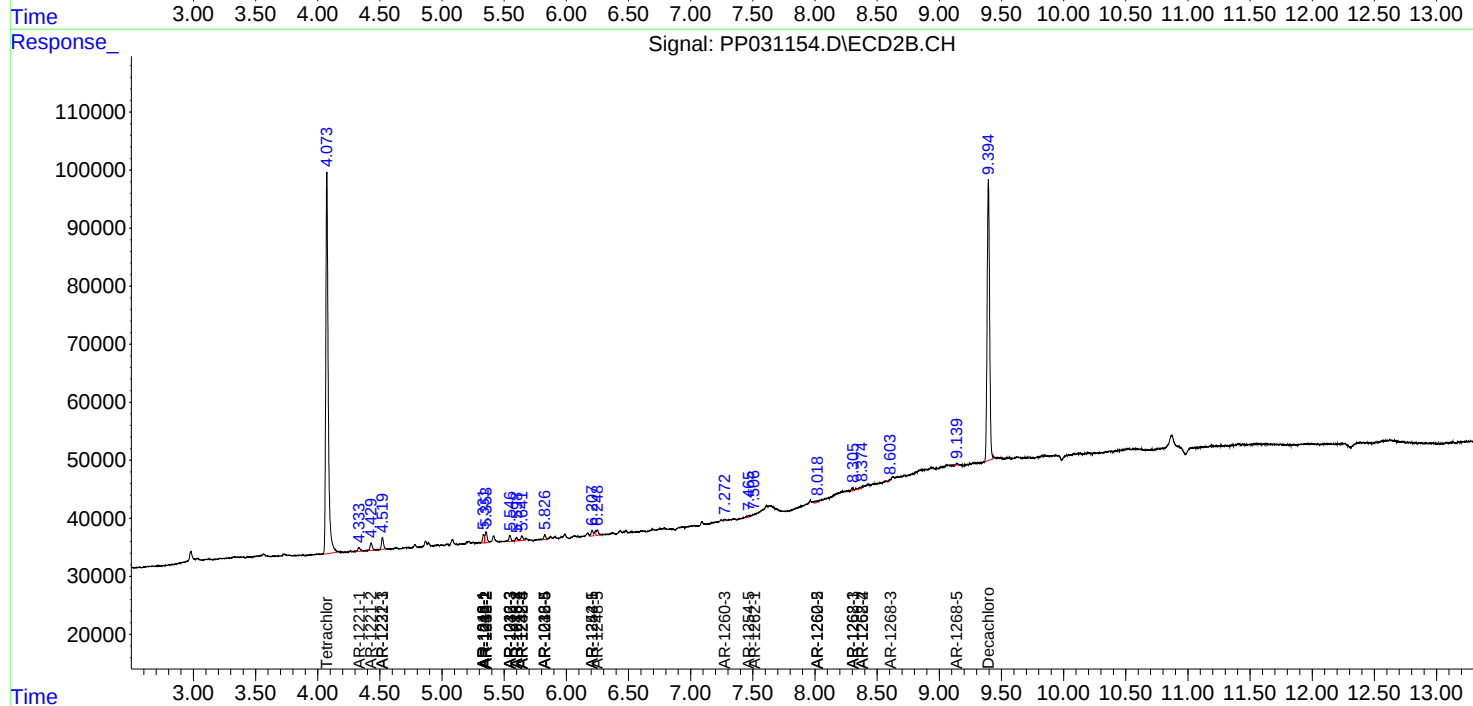
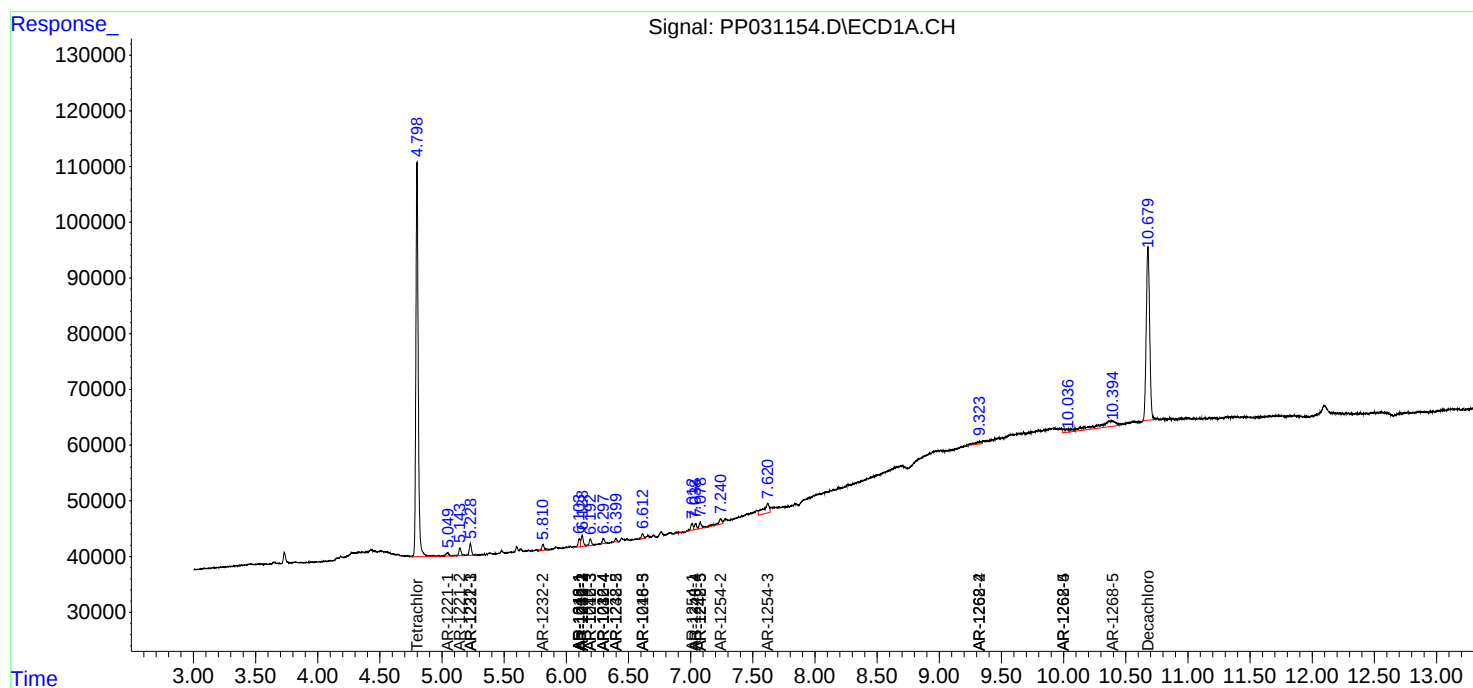
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

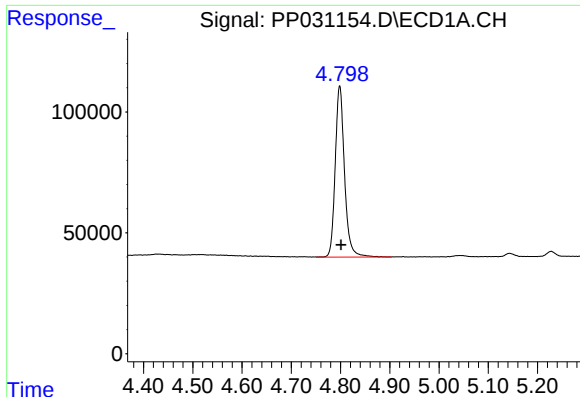
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110420\
Data File : PP031154.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Nov 2020 5:14
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Sample : L4214-03
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

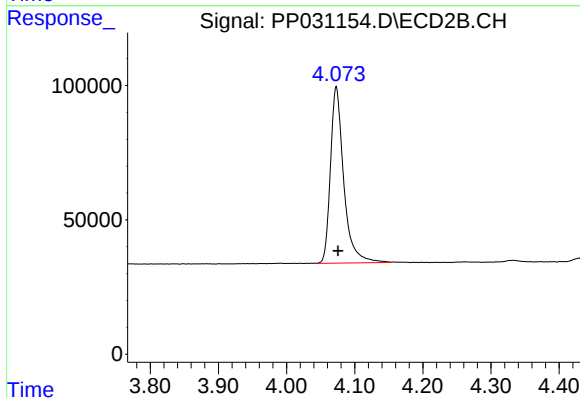




#1 Tetrachloro-m-xylene

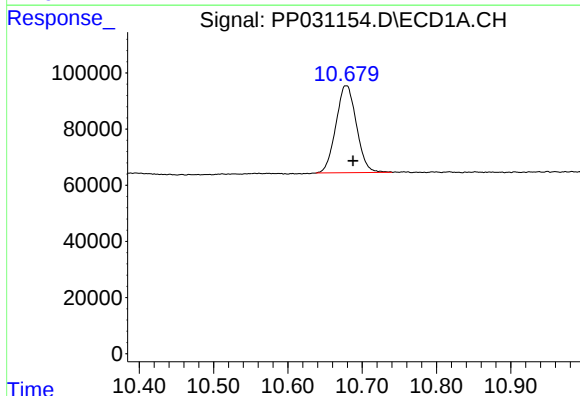
R.T.: 4.798 min
Delta R.T.: -0.003 min
Response: 929693
Conc: 13.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



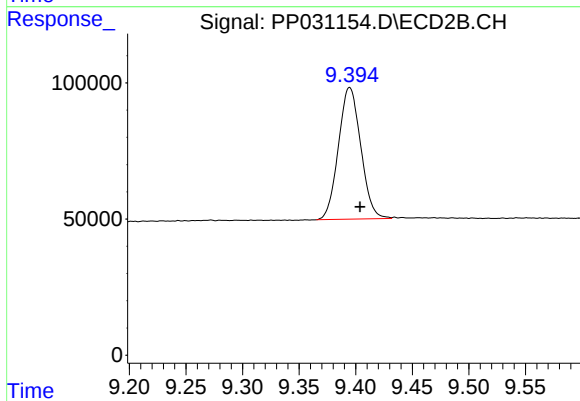
#1 Tetrachloro-m-xylene

R.T.: 4.073 min
Delta R.T.: -0.003 min
Response: 887518
Conc: 13.35 ng/ml



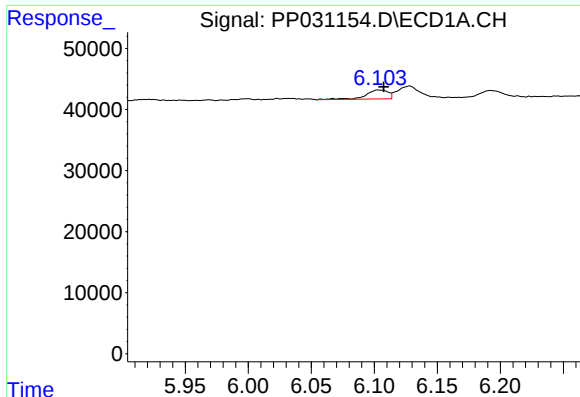
#2 Decachlorobiphenyl

R.T.: 10.679 min
Delta R.T.: -0.009 min
Response: 595267
Conc: 14.89 ng/ml



#2 Decachlorobiphenyl

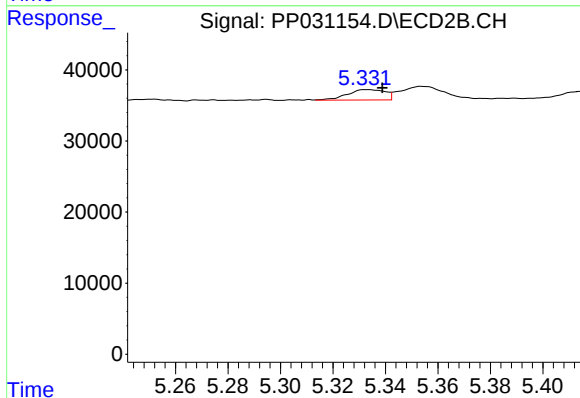
R.T.: 9.395 min
Delta R.T.: -0.009 min
Response: 664028
Conc: 15.90 ng/ml



#3 AR-1016-1

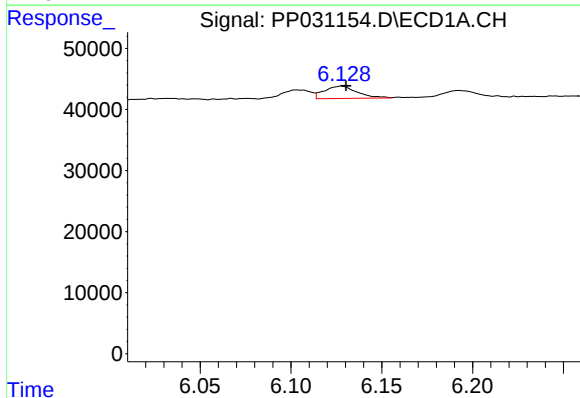
R.T.: 6.104 min
Delta R.T.: -0.003 min
Response: 18059
Conc: 9.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



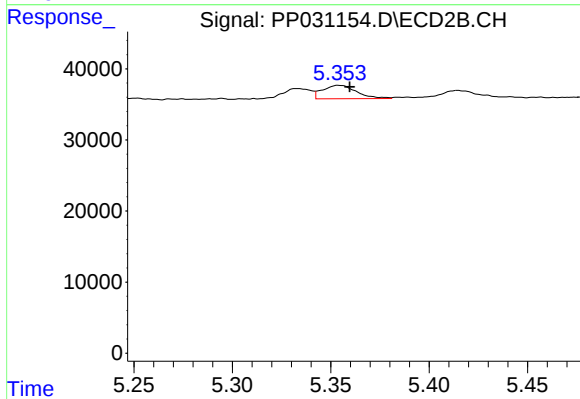
#3 AR-1016-1

R.T.: 5.333 min
Delta R.T.: -0.006 min
Response: 14543
Conc: 7.84 ng/ml



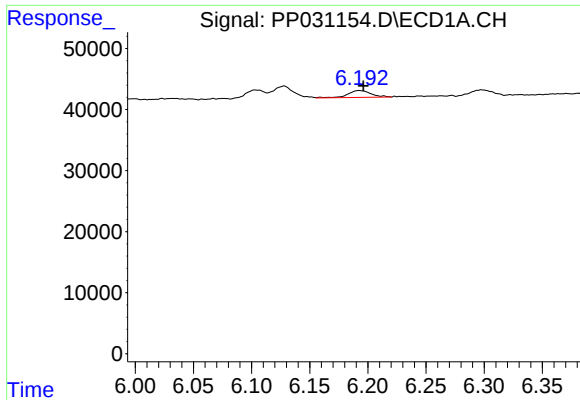
#4 AR-1016-2

R.T.: 6.127 min
Delta R.T.: -0.003 min
Response: 25355
Conc: 8.88 ng/ml



#4 AR-1016-2

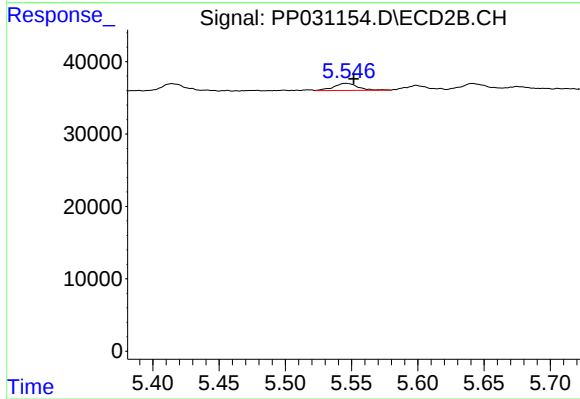
R.T.: 5.354 min
Delta R.T.: -0.006 min
Response: 22637
Conc: 8.33 ng/ml



#5 AR-1016-3

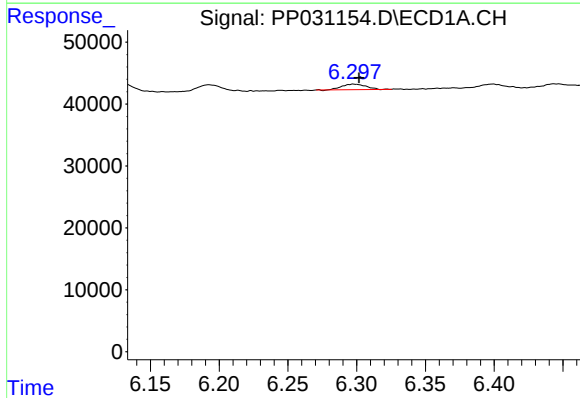
R.T.: 6.193 min
Delta R.T.: -0.003 min
Response: 15633
Conc: 8.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



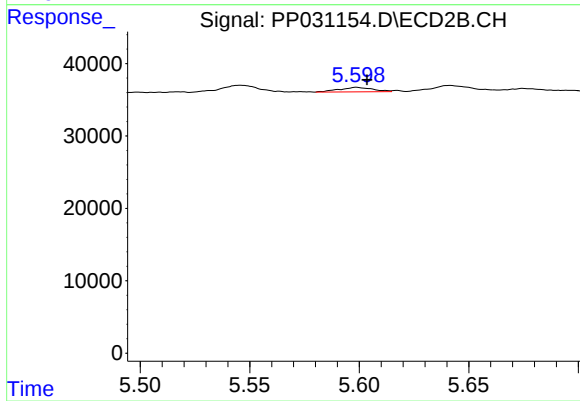
#5 AR-1016-3

R.T.: 5.546 min
Delta R.T.: -0.005 min
Response: 12362
Conc: 9.76 ng/ml



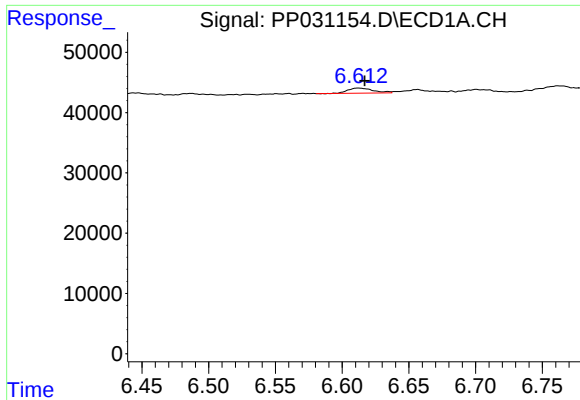
#6 AR-1016-4

R.T.: 6.298 min
Delta R.T.: -0.004 min
Response: 10940
Conc: 7.57 ng/ml



#6 AR-1016-4

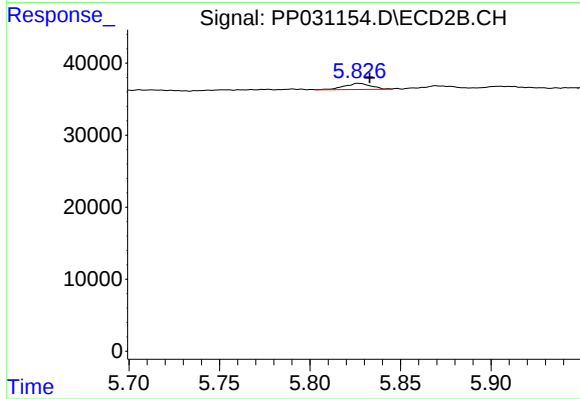
R.T.: 5.599 min
Delta R.T.: -0.005 min
Response: 6498
Conc: 7.05 ng/ml



#7 AR-1016-5

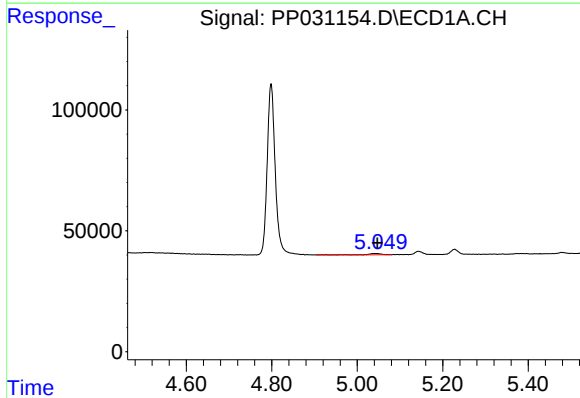
R.T.: 6.613 min
Delta R.T.: -0.004 min
Response: 11269
Conc: 9.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



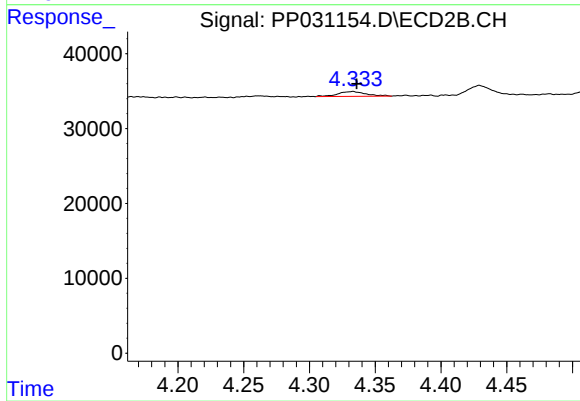
#7 AR-1016-5

R.T.: 5.827 min
Delta R.T.: -0.006 min
Response: 8630
Conc: 6.57 ng/ml



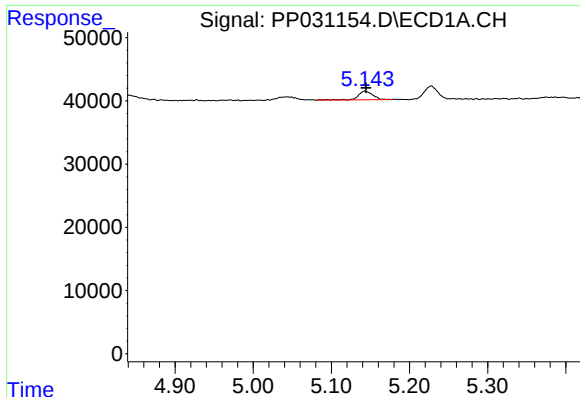
#8 AR-1221-1

R.T.: 5.044 min
Delta R.T.: -0.003 min
Response: 12320
Conc: 20.40 ng/ml



#8 AR-1221-1

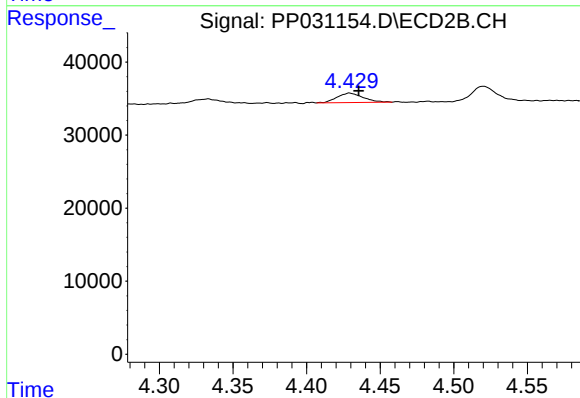
R.T.: 4.333 min
Delta R.T.: -0.003 min
Response: 9590
Conc: 17.03 ng/ml



#9 AR-1221-2

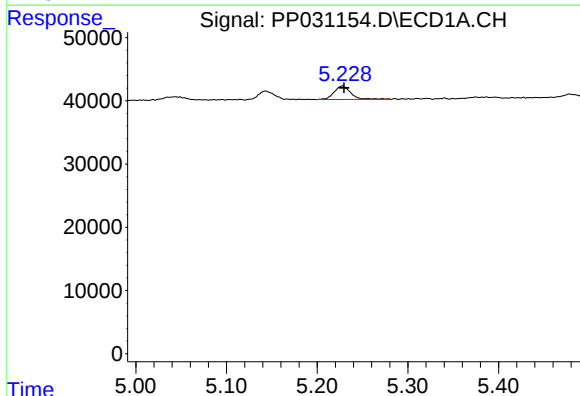
R.T.: 5.143 min
Delta R.T.: 0.000 min
Response: 18378
Conc: 40.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



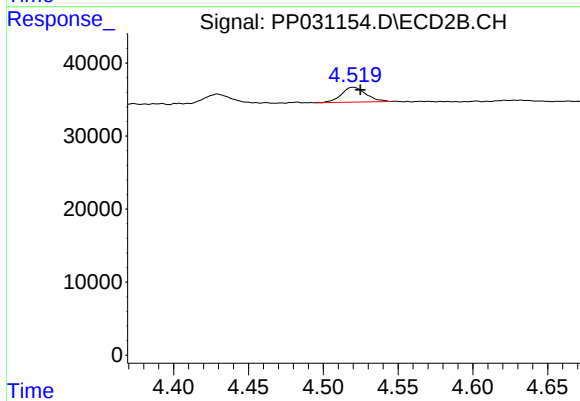
#9 AR-1221-2

R.T.: 4.429 min
Delta R.T.: -0.006 min
Response: 15936
Conc: 38.41 ng/ml



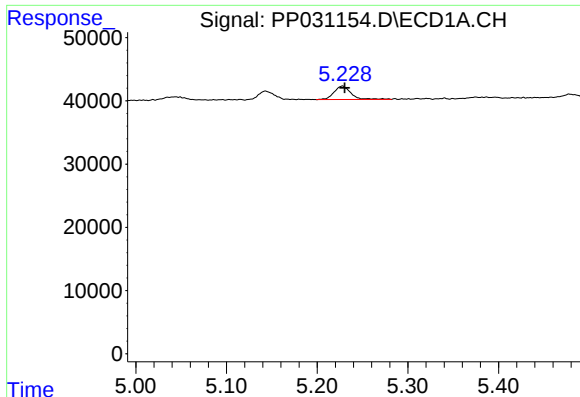
#10 AR-1221-3

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 27882
Conc: 20.66 ng/ml



#10 AR-1221-3

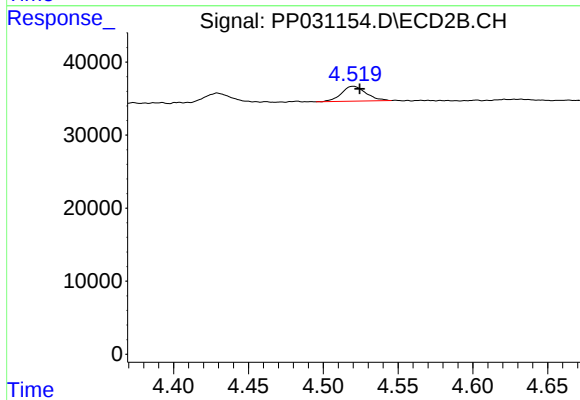
R.T.: 4.520 min
Delta R.T.: -0.005 min
Response: 23344
Conc: 17.80 ng/ml



#11 AR-1232-1

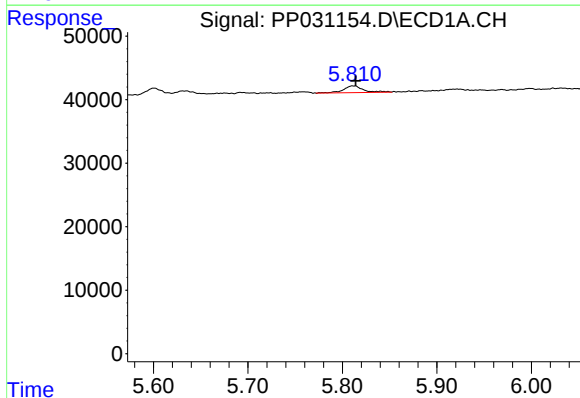
R.T.: 5.228 min
Delta R.T.: -0.003 min
Response: 27882
Conc: 22.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



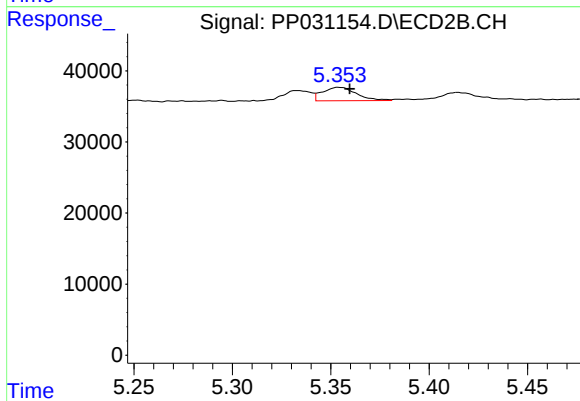
#11 AR-1232-1

R.T.: 4.520 min
Delta R.T.: -0.004 min
Response: 23344
Conc: 19.49 ng/ml



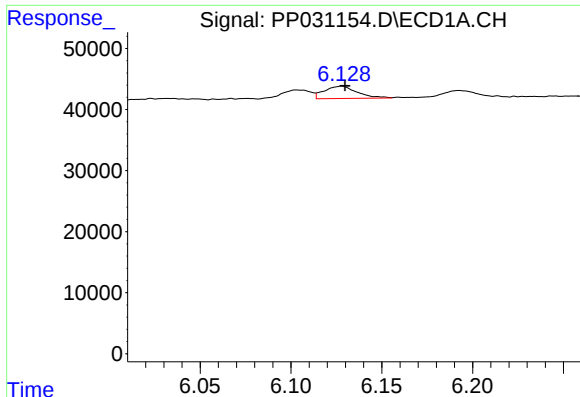
#12 AR-1232-2

R.T.: 5.812 min
Delta R.T.: -0.003 min
Response: 15485
Conc: 25.50 ng/ml



#12 AR-1232-2

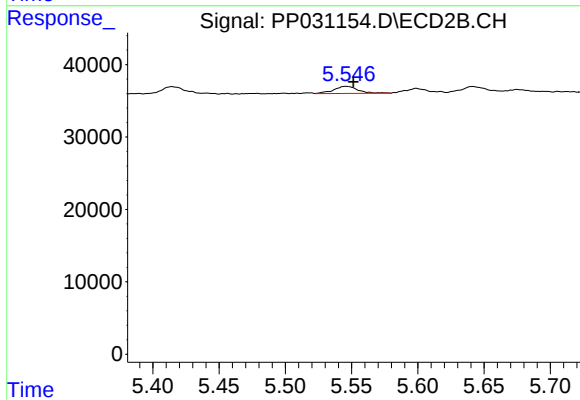
R.T.: 5.354 min
Delta R.T.: -0.006 min
Response: 22637
Conc: 21.30 ng/ml



#13 AR-1232-3

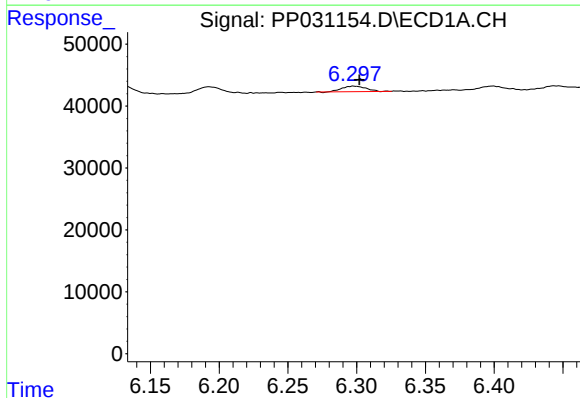
R.T.: 6.127 min
Delta R.T.: -0.003 min
Response: 25355
Conc: 22.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
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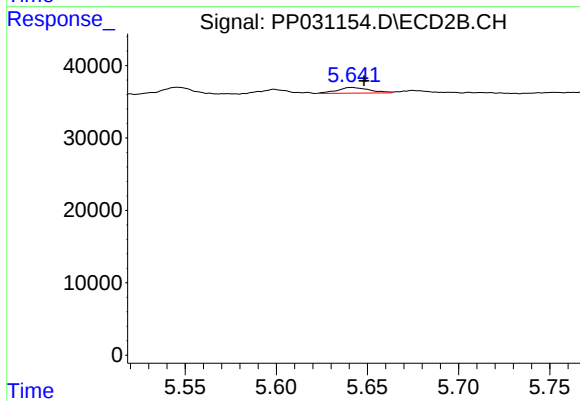
#13 AR-1232-3

R.T.: 5.546 min
Delta R.T.: -0.005 min
Response: 12362
Conc: 24.11 ng/ml



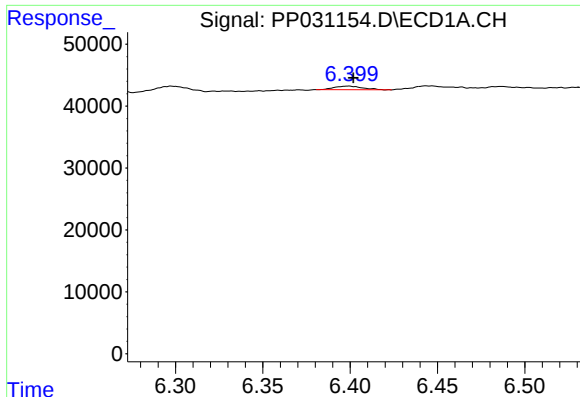
#14 AR-1232-4

R.T.: 6.298 min
Delta R.T.: -0.004 min
Response: 10940
Conc: 19.28 ng/ml



#14 AR-1232-4

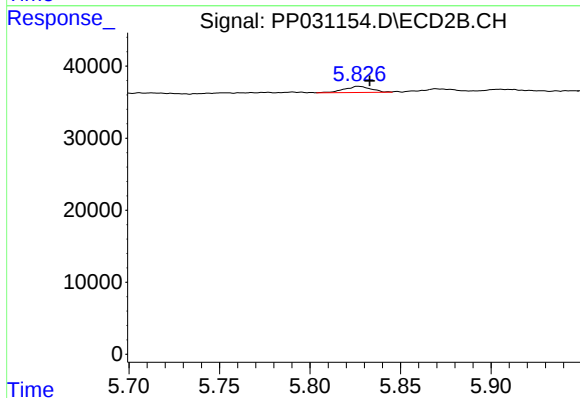
R.T.: 5.641 min
Delta R.T.: -0.007 min
Response: 9752
Conc: 22.33 ng/ml



#15 AR-1232-5

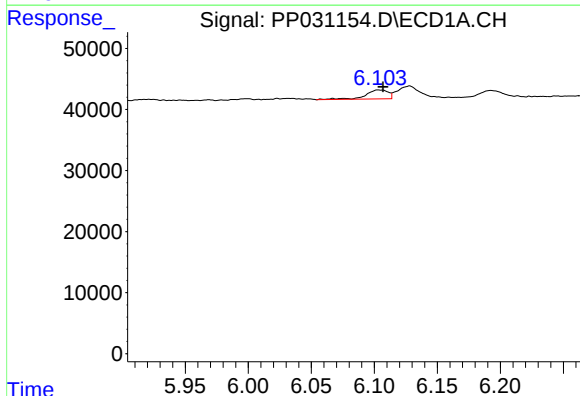
R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 6499
Conc: 18.76 ng/ml

Instrument :
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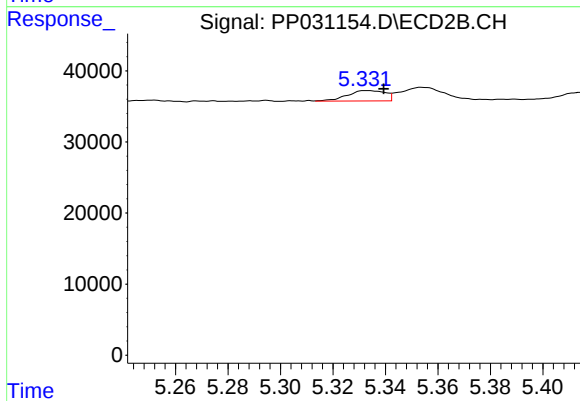
#15 AR-1232-5

R.T.: 5.827 min
Delta R.T.: -0.006 min
Response: 8630
Conc: 17.87 ng/ml



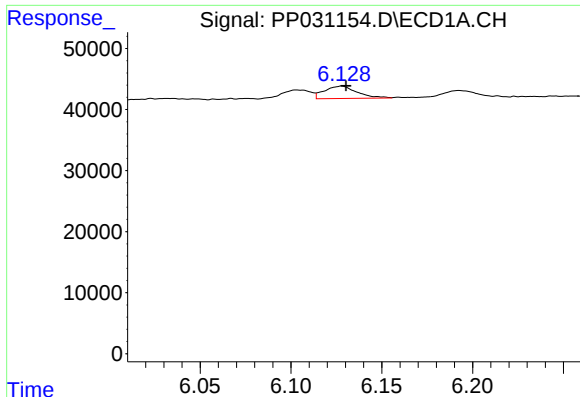
#16 AR-1242-1

R.T.: 6.104 min
Delta R.T.: -0.003 min
Response: 18059
Conc: 13.44 ng/ml



#16 AR-1242-1

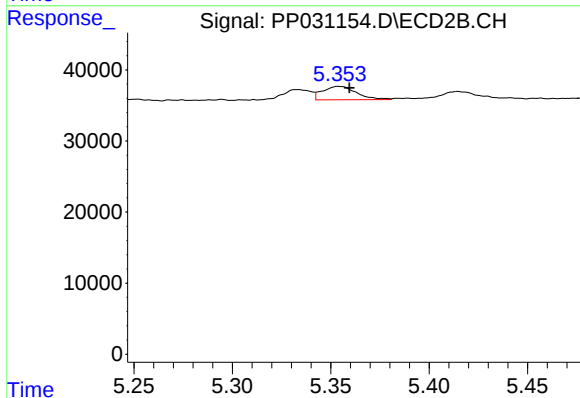
R.T.: 5.333 min
Delta R.T.: -0.006 min
Response: 14543
Conc: 11.30 ng/ml



#17 AR-1242-2

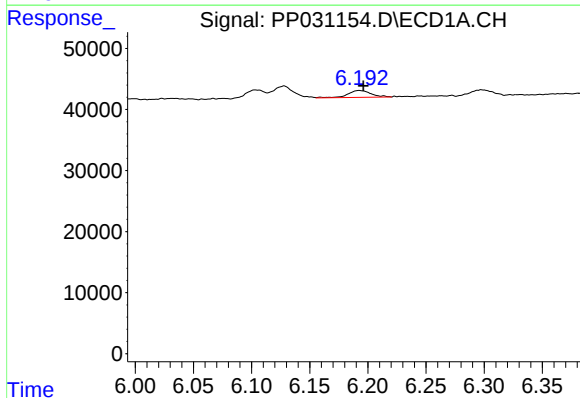
R.T.: 6.127 min
Delta R.T.: -0.003 min
Response: 25355
Conc: 12.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



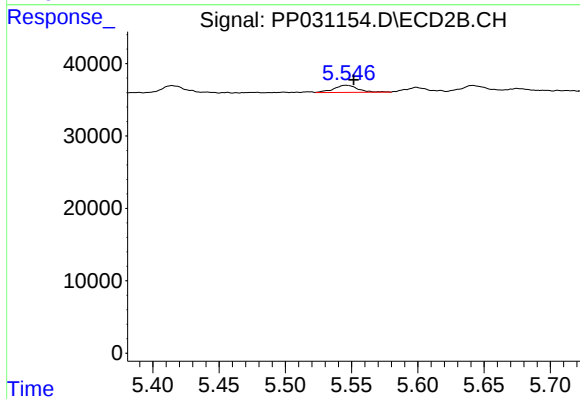
#17 AR-1242-2

R.T.: 5.354 min
Delta R.T.: -0.006 min
Response: 22637
Conc: 12.12 ng/ml



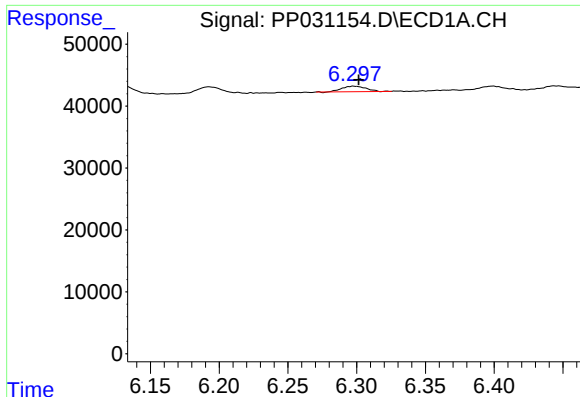
#18 AR-1242-3

R.T.: 6.193 min
Delta R.T.: -0.003 min
Response: 15633
Conc: 12.82 ng/ml



#18 AR-1242-3

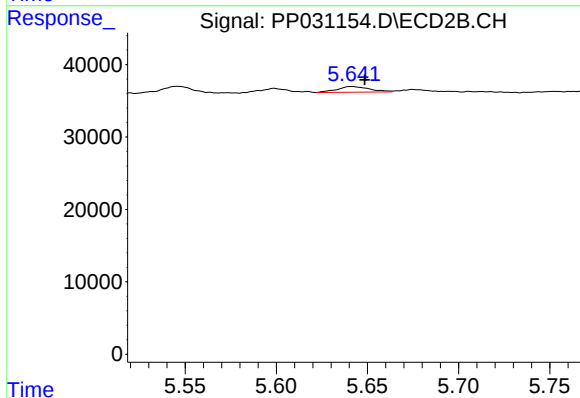
R.T.: 5.546 min
Delta R.T.: -0.006 min
Response: 12362
Conc: 13.17 ng/ml



#19 AR-1242-4

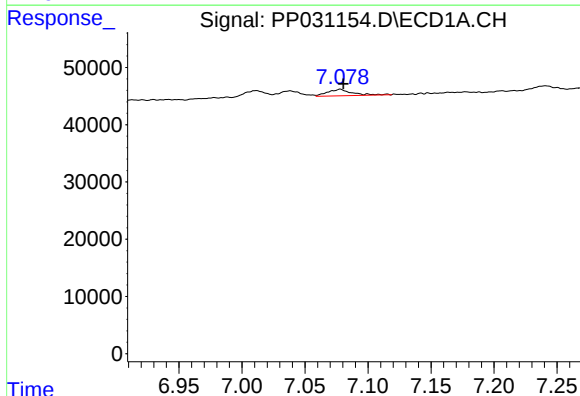
R.T.: 6.298 min
Delta R.T.: -0.003 min
Response: 10940
Conc: 10.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



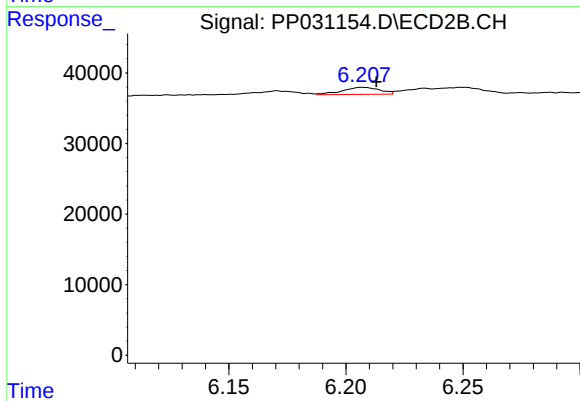
#19 AR-1242-4

R.T.: 5.641 min
Delta R.T.: -0.007 min
Response: 9752
Conc: 11.25 ng/ml



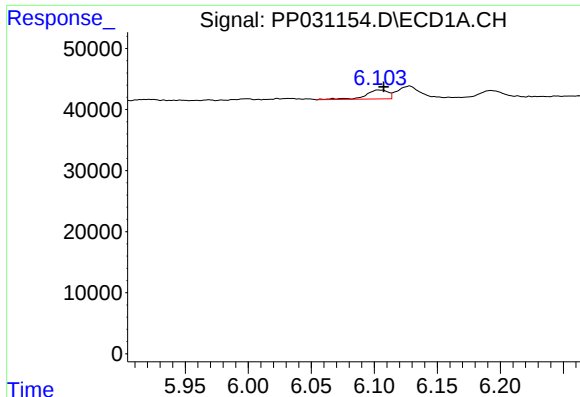
#20 AR-1242-5

R.T.: 7.077 min
Delta R.T.: -0.003 min
Response: 15469
Conc: 16.21 ng/ml



#20 AR-1242-5

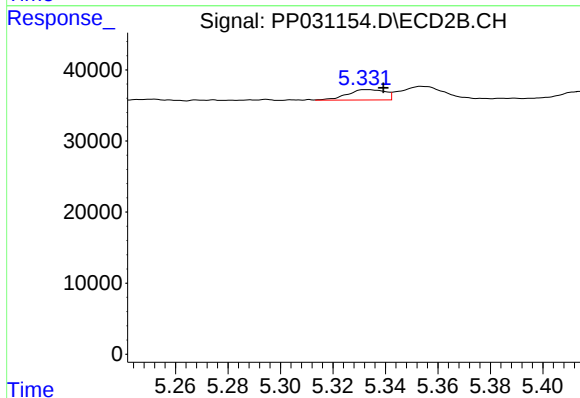
R.T.: 6.207 min
Delta R.T.: -0.006 min
Response: 11066
Conc: 11.12 ng/ml



#21 AR-1248-1

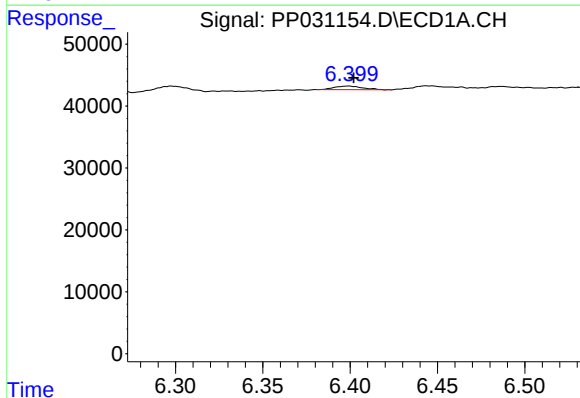
R.T.: 6.104 min
Delta R.T.: -0.003 min
Response: 18059
Conc: 18.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



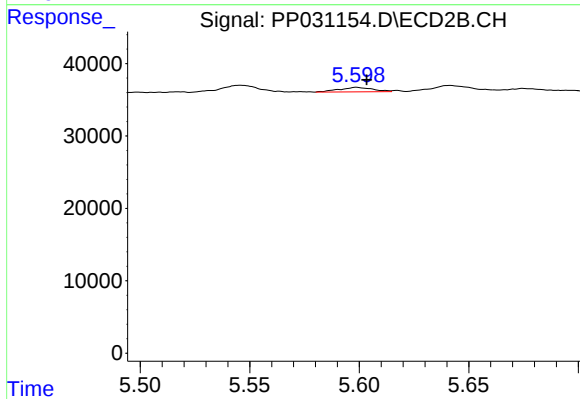
#21 AR-1248-1

R.T.: 5.333 min
Delta R.T.: -0.006 min
Response: 14543
Conc: 15.72 ng/ml



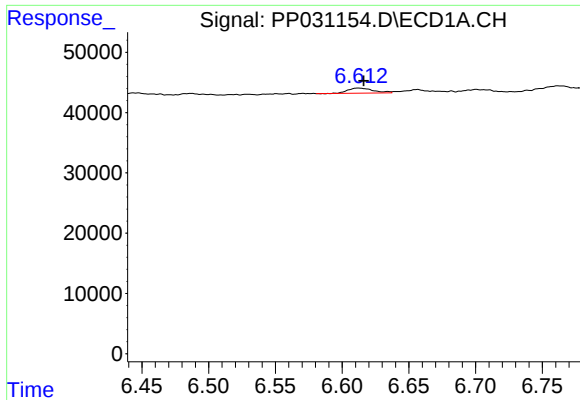
#22 AR-1248-2

R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 6499
Conc: 5.62 ng/ml



#22 AR-1248-2

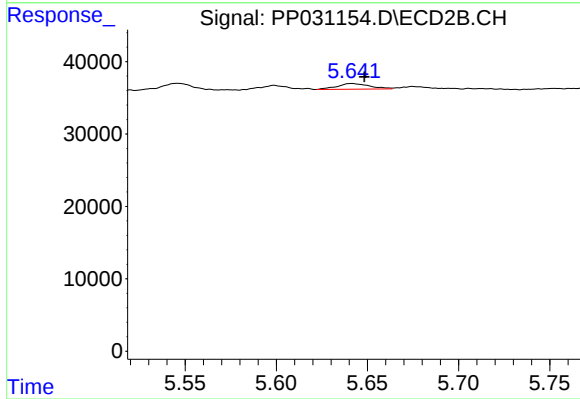
R.T.: 5.599 min
Delta R.T.: -0.005 min
Response: 6498
Conc: 5.90 ng/ml



#23 AR-1248-3

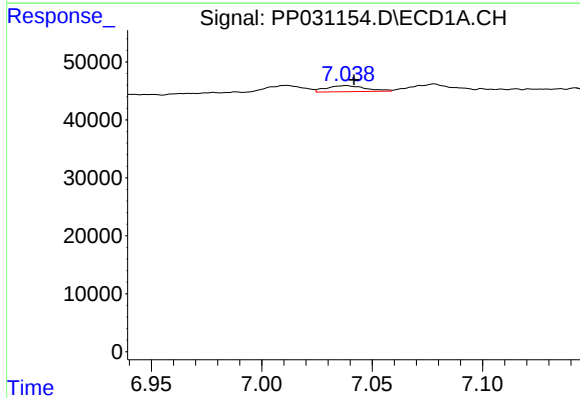
R.T.: 6.613 min
Delta R.T.: -0.003 min
Response: 11269
Conc: 7.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



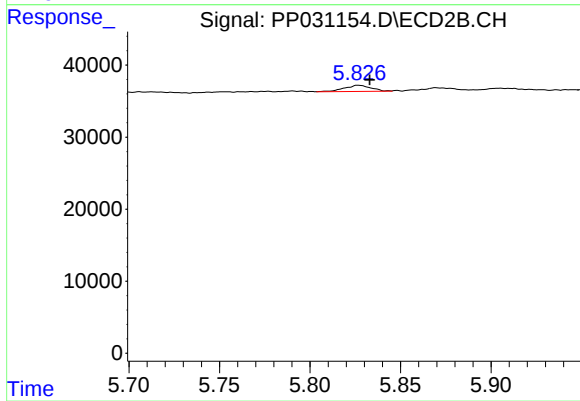
#23 AR-1248-3

R.T.: 5.641 min
Delta R.T.: -0.007 min
Response: 9752
Conc: 8.06 ng/ml



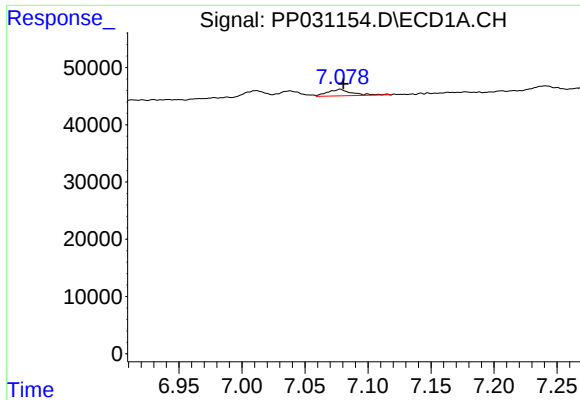
#24 AR-1248-4

R.T.: 7.038 min
Delta R.T.: -0.004 min
Response: 12944
Conc: 8.49 ng/ml



#24 AR-1248-4

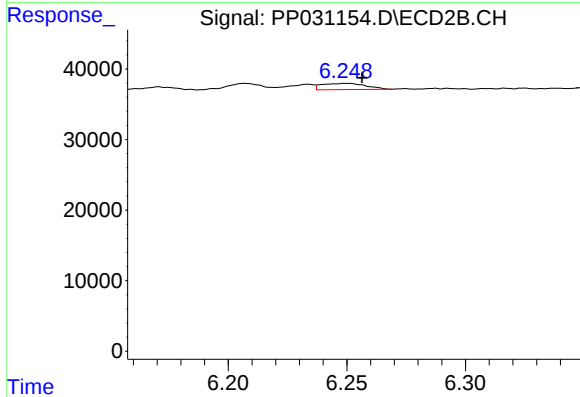
R.T.: 5.827 min
Delta R.T.: -0.006 min
Response: 8630
Conc: 5.85 ng/ml



#25 AR-1248-5

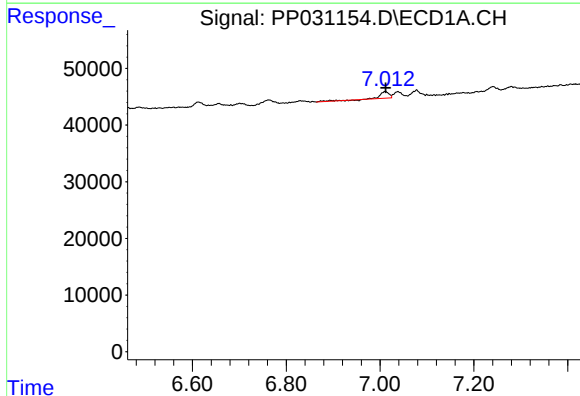
R.T.: 7.077 min
Delta R.T.: -0.003 min
Response: 15469
Conc: 10.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



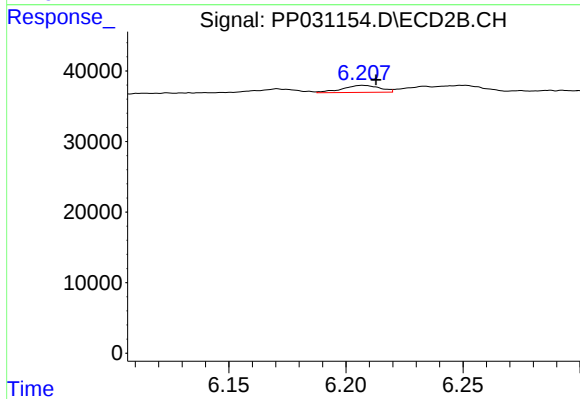
#25 AR-1248-5

R.T.: 6.249 min
Delta R.T.: -0.007 min
Response: 11418
Conc: 9.04 ng/ml



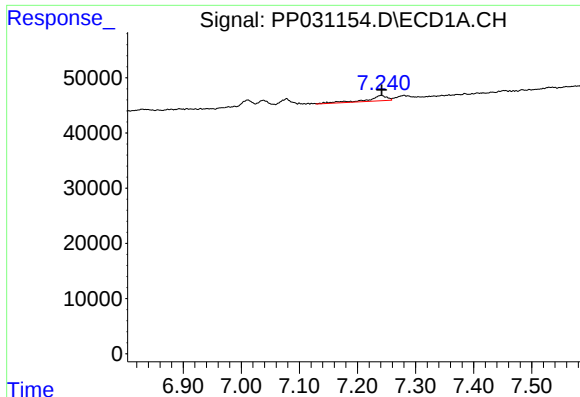
#26 AR-1254-1

R.T.: 7.011 min
Delta R.T.: -0.002 min
Response: 17100
Conc: 12.18 ng/ml



#26 AR-1254-1

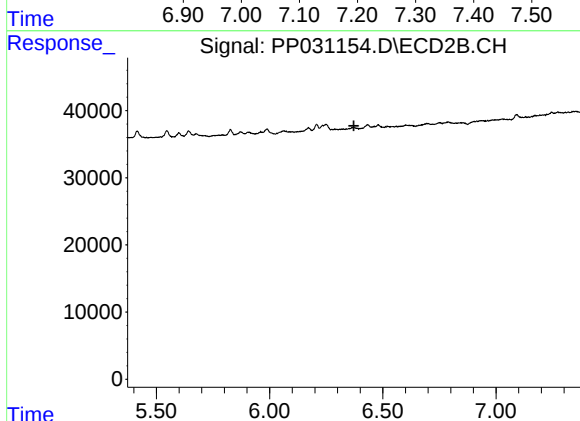
R.T.: 6.207 min
Delta R.T.: -0.006 min
Response: 11066
Conc: 5.63 ng/ml



#27 AR-1254-2

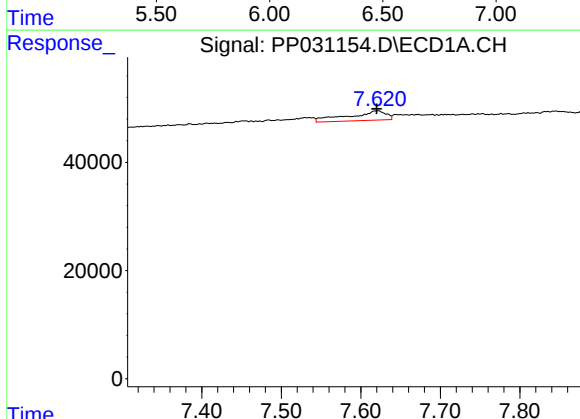
R.T.: 7.241 min
Delta R.T.: -0.001 min
Response: 22929
Conc: 11.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



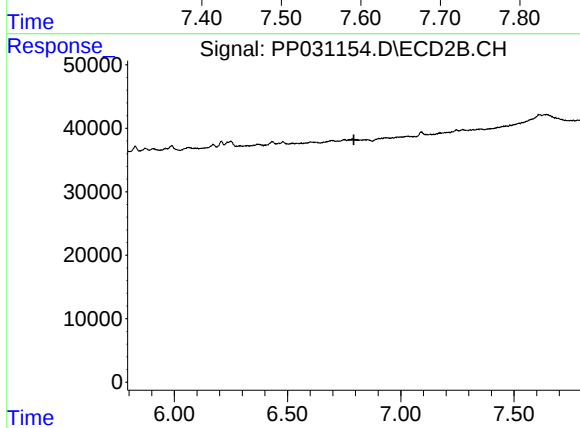
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.372 min
Response: 0
Conc: N.D.



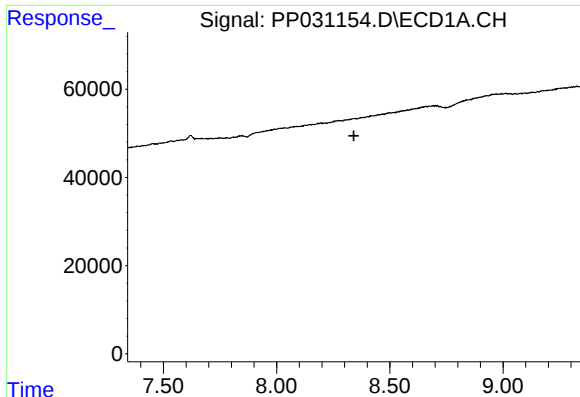
#28 AR-1254-3

R.T.: 7.620 min
Delta R.T.: 0.000 min
Response: 57728
Conc: 25.01 ng/ml



#28 AR-1254-3

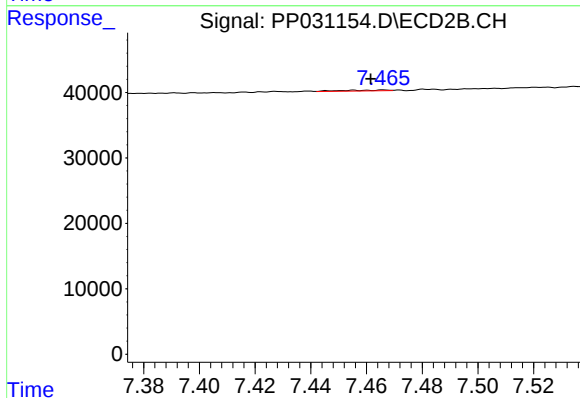
R.T.: 0.000 min
Exp R.T. : 6.793 min
Response: 0
Conc: N.D.



#30 AR-1254-5

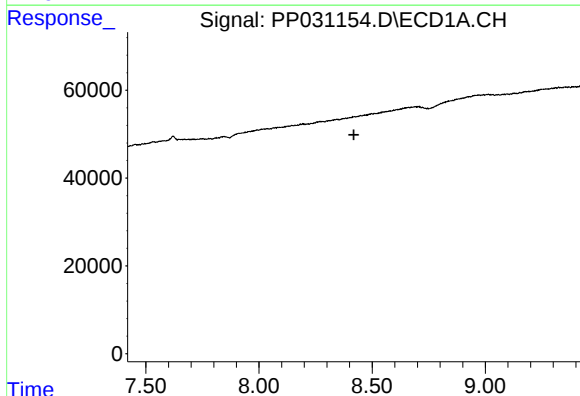
R.T.: 0.000 min
Exp R.T.: 8.341 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



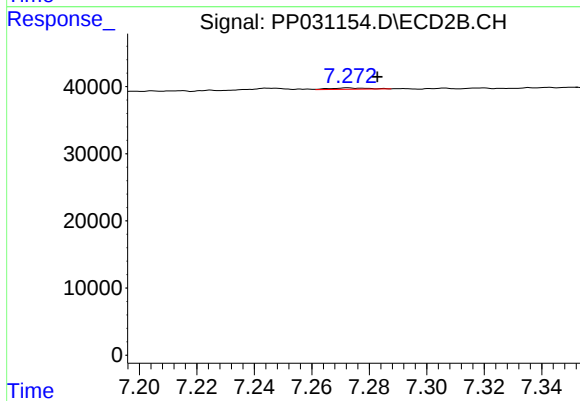
#30 AR-1254-5

R.T.: 7.466 min
Delta R.T.: 0.004 min
Response: 1364
Conc: 0.62 ng/ml



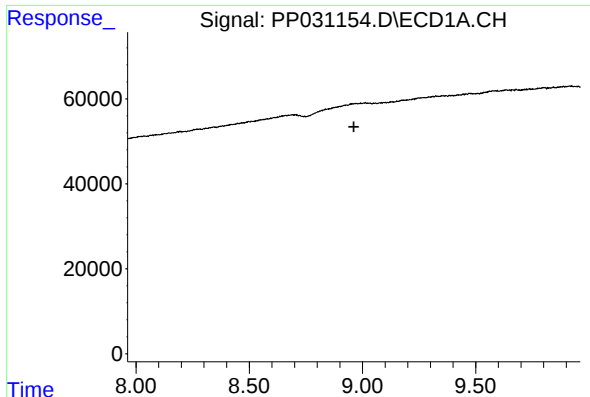
#33 AR-1260-3

R.T.: 0.000 min
Exp R.T.: 8.419 min
Response: 0
Conc: N.D.



#33 AR-1260-3

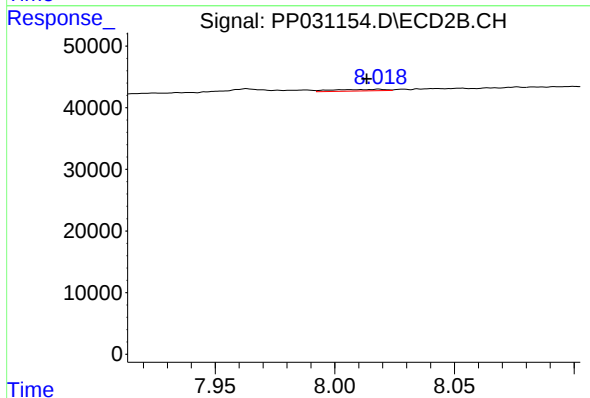
R.T.: 7.273 min
Delta R.T.: -0.010 min
Response: 1854
Conc: 0.82 ng/ml



#35 AR-1260-5

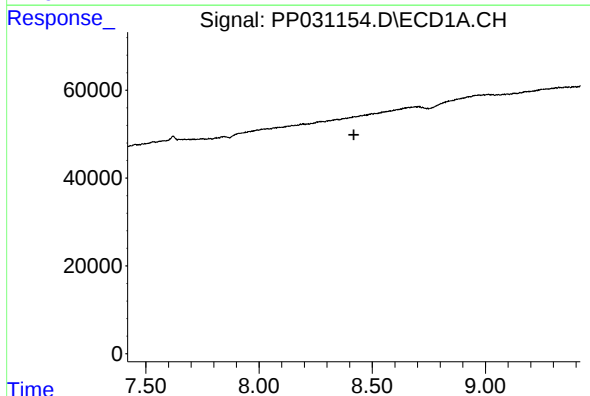
R.T.: 0.000 min
Exp R.T. : 8.962 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



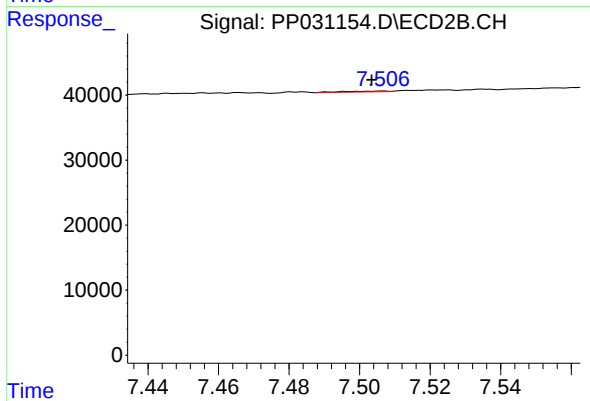
#35 AR-1260-5

R.T.: 8.018 min
Delta R.T.: 0.005 min
Response: 4013
Conc: 0.89 ng/ml



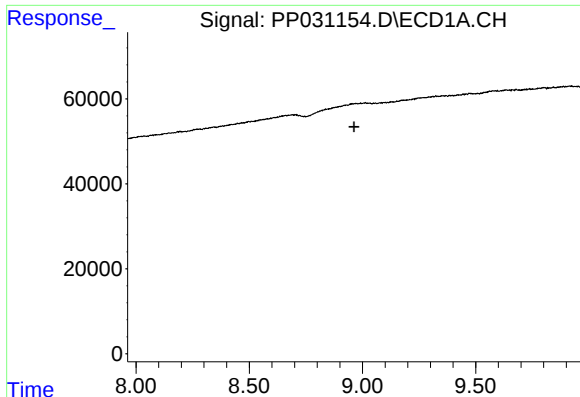
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.419 min
Response: 0
Conc: N.D.



#36 AR-1262-1

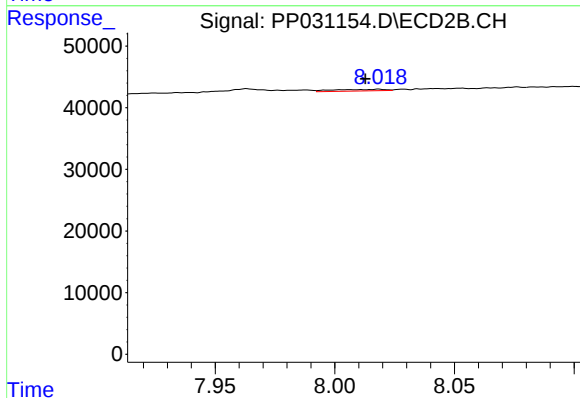
R.T.: 7.507 min
Delta R.T.: 0.003 min
Response: 1032
Conc: 0.44 ng/ml



#37 AR-1262-2

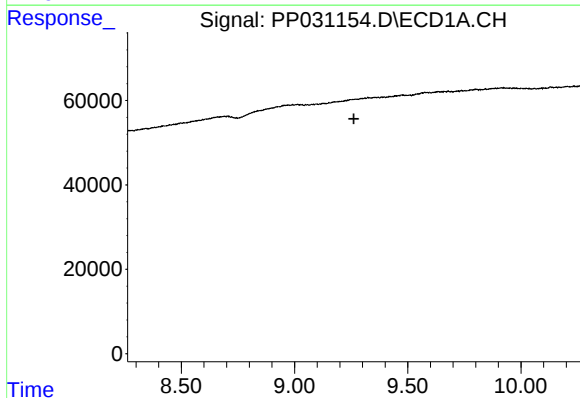
R.T.: 0.000 min
Exp R.T.: 8.963 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



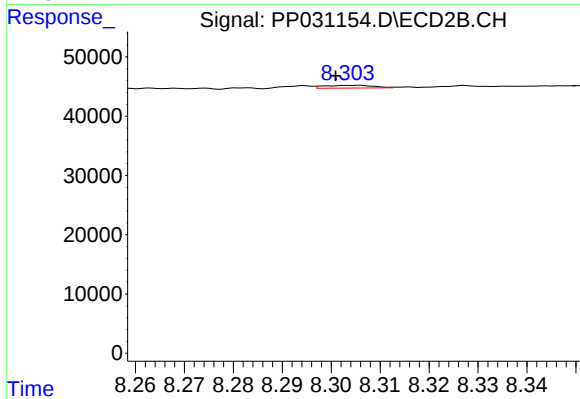
#37 AR-1262-2

R.T.: 8.018 min
Delta R.T.: 0.006 min
Response: 4013
Conc: 0.97 ng/ml



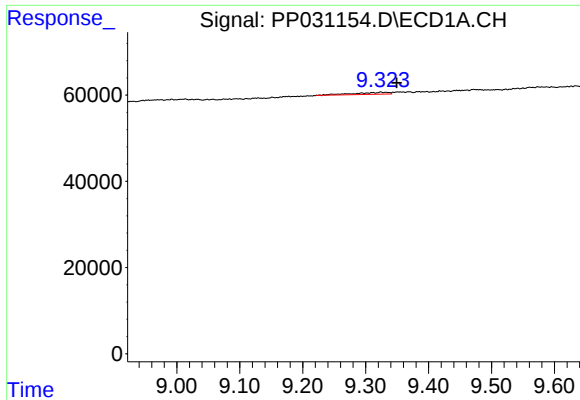
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 9.262 min
Response: 0
Conc: N.D.



#38 AR-1262-3

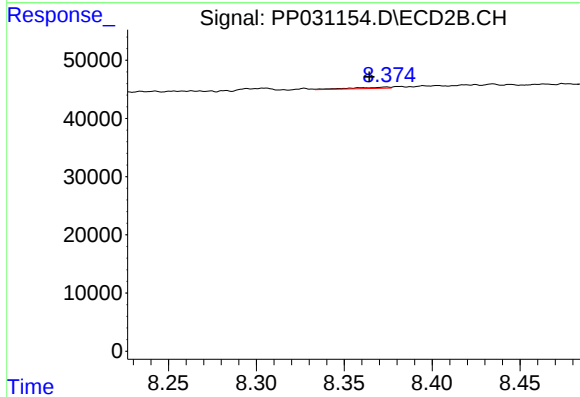
R.T.: 8.306 min
Delta R.T.: 0.005 min
Response: 3248
Conc: 1.92 ng/ml



#39 AR-1262-4

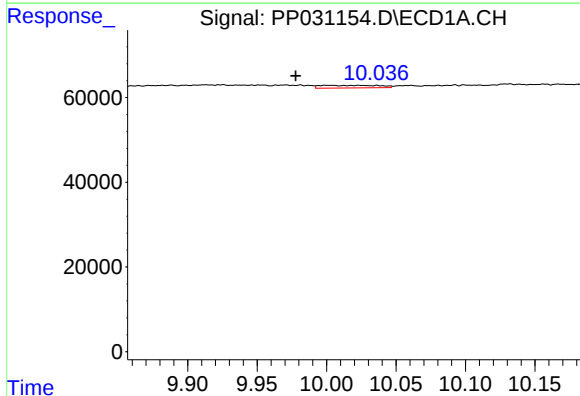
R.T.: 9.325 min
Delta R.T.: -0.025 min
Response: 17691
Conc: 8.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



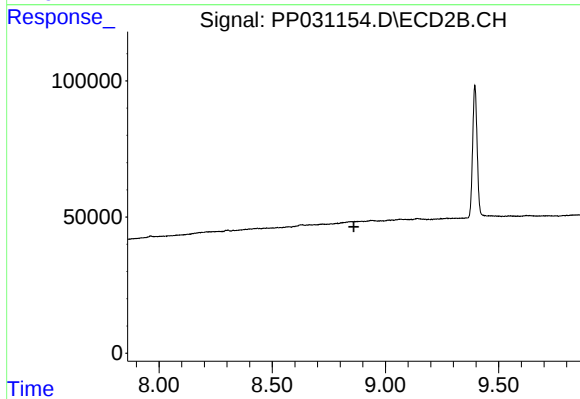
#39 AR-1262-4

R.T.: 8.374 min
Delta R.T.: 0.010 min
Response: 3509
Conc: 1.10 ng/ml



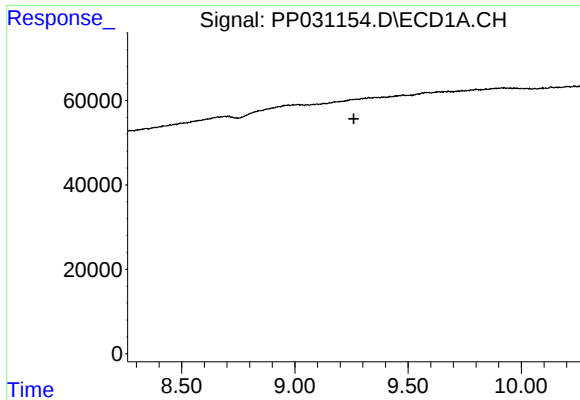
#40 AR-1262-5

R.T.: 10.002 min
Delta R.T.: 0.024 min
Response: 17595
Conc: 12.42 ng/ml



#40 AR-1262-5

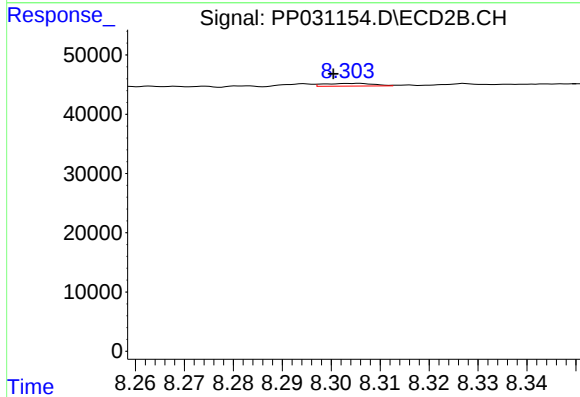
R.T.: 0.000 min
Exp R.T.: 8.861 min
Response: 0
Conc: N.D.



#41 AR-1268-1

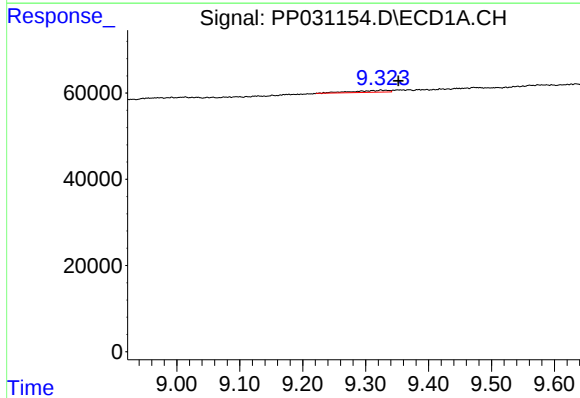
R.T.: 0.000 min
Exp R.T.: 9.261 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



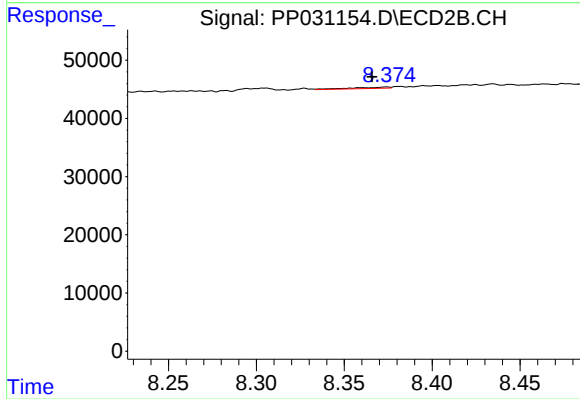
#41 AR-1268-1

R.T.: 8.306 min
Delta R.T.: 0.005 min
Response: 3248
Conc: 0.66 ng/ml



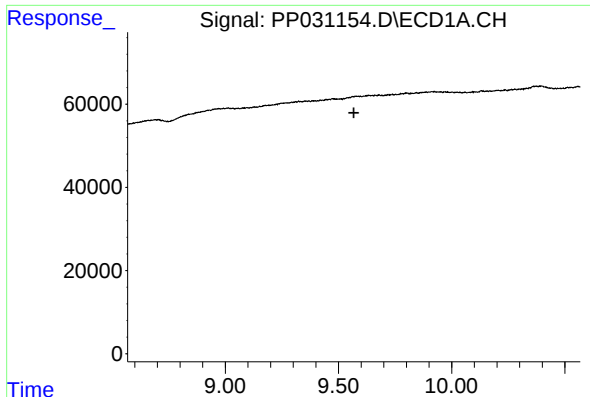
#42 AR-1268-2

R.T.: 9.325 min
Delta R.T.: -0.027 min
Response: 17691
Conc: 4.11 ng/ml



#42 AR-1268-2

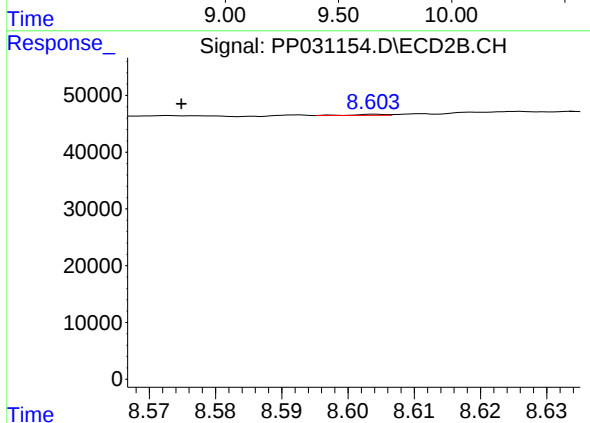
R.T.: 8.374 min
Delta R.T.: 0.008 min
Response: 3509
Conc: 0.74 ng/ml



#43 AR-1268-3

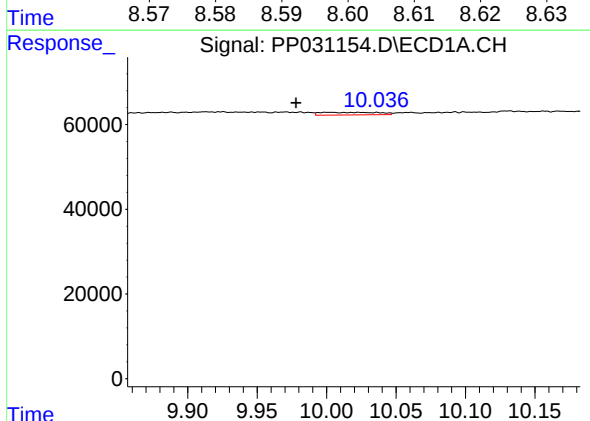
R.T.: 0.000 min
Exp R.T.: 9.568 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



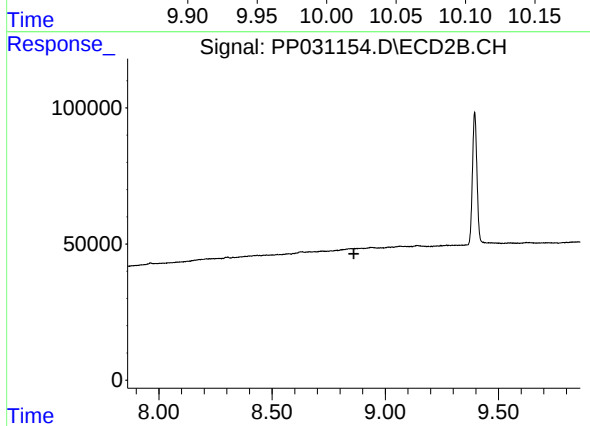
#43 AR-1268-3

R.T.: 8.604 min
Delta R.T.: 0.029 min
Response: 683
Conc: 0.17 ng/ml



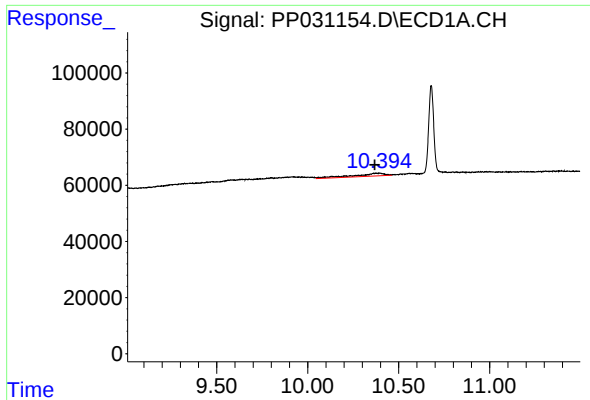
#44 AR-1268-4

R.T.: 10.002 min
Delta R.T.: 0.024 min
Response: 17595
Conc: 11.11 ng/ml



#44 AR-1268-4

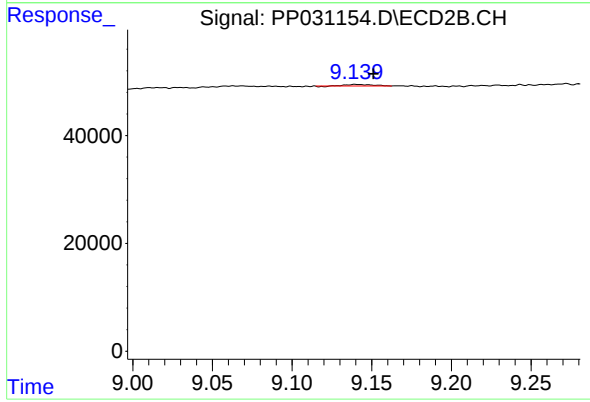
R.T.: 0.000 min
Exp R.T.: 8.862 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.394 min
Delta R.T.: 0.024 min
Response: 123249
Conc: 10.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020



#45 AR-1268-5

R.T.: 9.140 min
Delta R.T.: -0.012 min
Response: 2869
Conc: 0.21 ng/ml