

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110420\
 Data File : PP031155.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Nov 2020 5:31
 Operator : DD\AJ
 Sample : L4214-03
 Misc : AR1242 MDL 25 PPB
 ALS Vial : 60 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 07:00:22 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...	4.799	4.073	937866	915023	14.042	13.766
2)	SA Decachlor...	10.681	9.394	617003	683513	15.431	16.369
Target Compounds							
3)	L1 AR-1016-1	6.103	5.334	33936	28055	17.429	15.122
4)	L1 AR-1016-2	6.127	5.354	42540	38901	14.901	14.311
5)	L1 AR-1016-3	6.194	5.546	26938	20655	15.466	16.307
6)	L1 AR-1016-4	6.299	5.599	21248	13556	14.705	14.699
7)	L1 AR-1016-5	6.614	5.827	21435	19167	17.195	14.603
8)	L2 AR-1221-1	0.000	4.331	0	9157	N.D.	16.259 #
9)	L2 AR-1221-2	5.144	4.428	14817	15903	32.988	38.332
10)	L2 AR-1221-3	5.228	4.520	16951	15690	12.559	11.964
11)	L3 AR-1232-1	5.228	4.520	16951	15690	13.860	13.098
12)	L3 AR-1232-2	5.812	5.354	25366	38901	41.773	36.606
13)	L3 AR-1232-3	6.127	5.546	42540	20655	38.080	40.286
14)	L3 AR-1232-4	6.299	5.643	21248	19513	37.438	44.677
15)	L3 AR-1232-5	6.398	5.827	13449	19167	38.814	39.692
16)	L4 AR-1242-1	6.103	5.334	33936	28055	25.259	21.800
17)	L4 AR-1242-2	6.127	5.354	42540	38901	21.782	20.832
18)	L4 AR-1242-3	6.194	5.546	26938	20655	22.088	22.000
19)	L4 AR-1242-4	6.299	5.643	21248	19513	20.973	22.501
20)	L4 AR-1242-5	7.077	6.207	26203	21214	27.459	21.310
21)	L5 AR-1248-1	6.103	5.334	33936	28055	35.192	30.319
22)	L5 AR-1248-2	6.398	5.599	13449	13556	11.629	12.301
23)	L5 AR-1248-3	6.614	5.643	21435	19513	15.066	16.122
24)	L5 AR-1248-4	7.039	5.827	25785	19167	16.918	12.987
25)	L5 AR-1248-5	7.077	6.250	26203	22859	17.272	18.100
26)	L6 AR-1254-1	7.009	6.207	28102	21214	20.016	10.787 #
27)	L6 AR-1254-2	7.241	6.368	26688	9478	12.803	5.768 #
28)	L6 AR-1254-3	7.618	6.788	41048	11360	17.785	4.148 #
29)	L6 AR-1254-4	7.912	7.026	11984	7122	7.320	4.413 #
30)	L6 AR-1254-5	8.348	7.462	3881	4977	2.299	2.273
31)	L7 AR-1260-1	7.813f	0.000	9629	0	5.242	N.D. #
33)	L7 AR-1260-3	8.443f	7.278	2246	3947	1.365	1.736 #
35)	L7 AR-1260-5	8.989f	0.000	9896	0	2.625	N.D. #
36)	L8 AR-1262-1	8.443f	7.481f	2246	956	1.118	0.411 #
37)	L8 AR-1262-2	8.989f	0.000	9896	0	2.723	N.D. #
38)	L8 AR-1262-3	9.269	0.000	4161	0	1.610	N.D. #
39)	L8 AR-1262-4	9.349	0.000	19984	0	9.706	N.D. #
41)	L9 AR-1268-1	9.269	0.000	4161	0	0.953	N.D. #
42)	L9 AR-1268-2	9.349	0.000	19984	0	4.647	N.D. #
43)	L9 AR-1268-3	9.557	0.000	21546	0	5.958	N.D. #
45)	L9 AR-1268-5	10.373	9.144	17532	5615	1.466	0.419 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110420\
Data File : PP031155.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Nov 2020 5:31
Operator : DD\AJ
Sample : L4214-03
Misc : AR1242 MDL 25 PPB
ALS Vial : 60 Sample Multiplier: 1

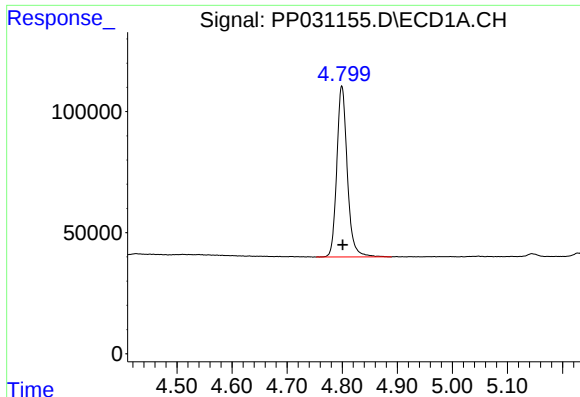
Instrument :
ECD_P
ClientSampleId :
MDL-SOIL-03-QT4-2020

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 05 07:00:22 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP110420.M
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Volume Inj. : 2 µl
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

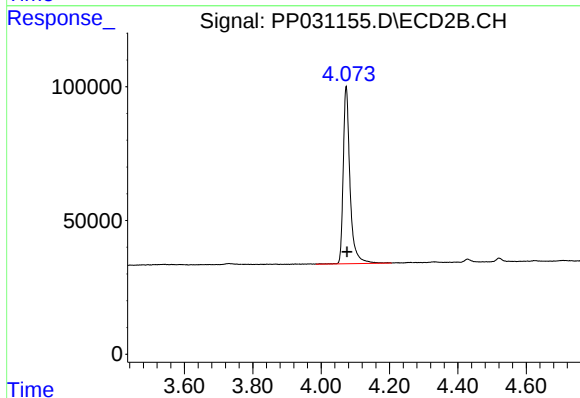
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

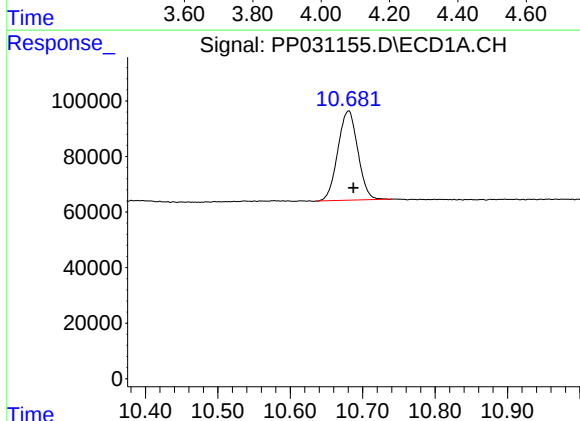
R.T.: 4.799 min
Delta R.T.: -0.002 min
Response: 937866
Conc: 14.04 ng/ml

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



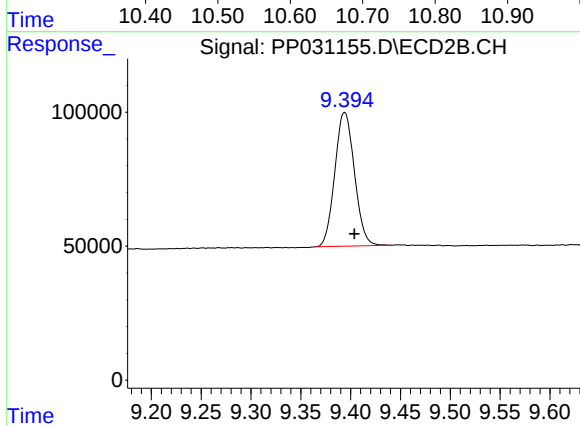
#1 Tetrachloro-m-xylene

R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 915023
Conc: 13.77 ng/ml



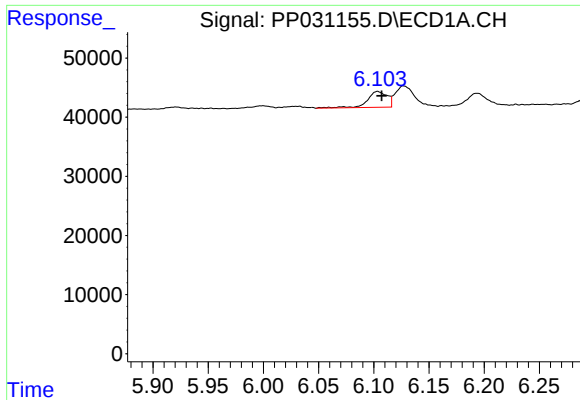
#2 Decachlorobiphenyl

R.T.: 10.681 min
Delta R.T.: -0.007 min
Response: 617003
Conc: 15.43 ng/ml



#2 Decachlorobiphenyl

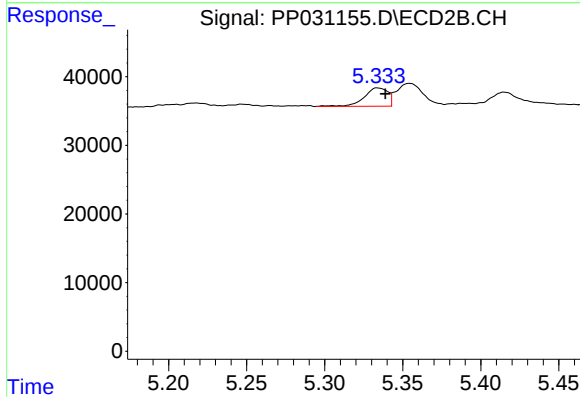
R.T.: 9.394 min
Delta R.T.: -0.010 min
Response: 683513
Conc: 16.37 ng/ml



#3 AR-1016-1

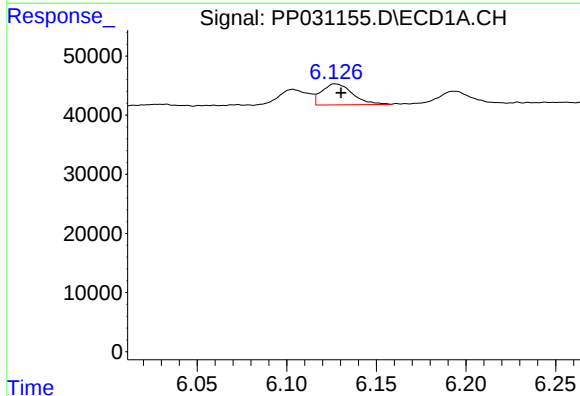
R.T.: 6.103 min
Delta R.T.: -0.004 min
Response: 33936
Conc: 17.43 ng/ml

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



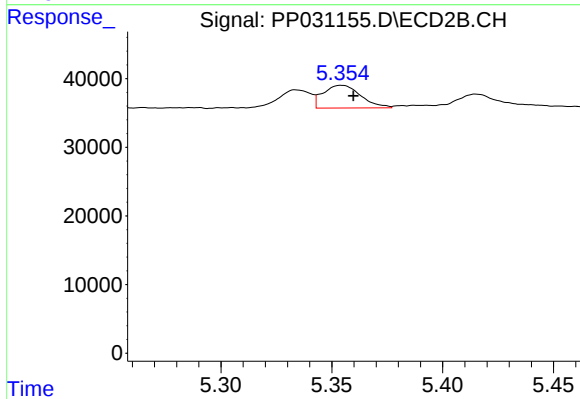
#3 AR-1016-1

R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 28055
Conc: 15.12 ng/ml



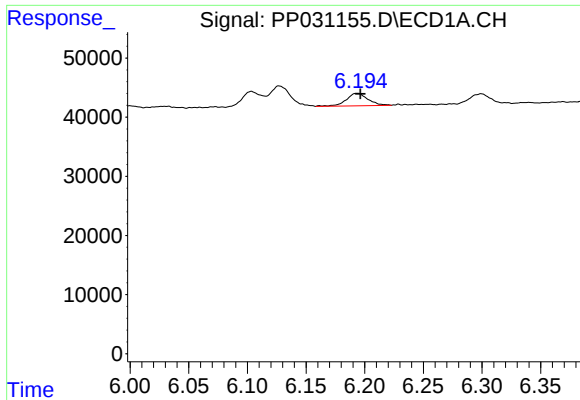
#4 AR-1016-2

R.T.: 6.127 min
Delta R.T.: -0.003 min
Response: 42540
Conc: 14.90 ng/ml



#4 AR-1016-2

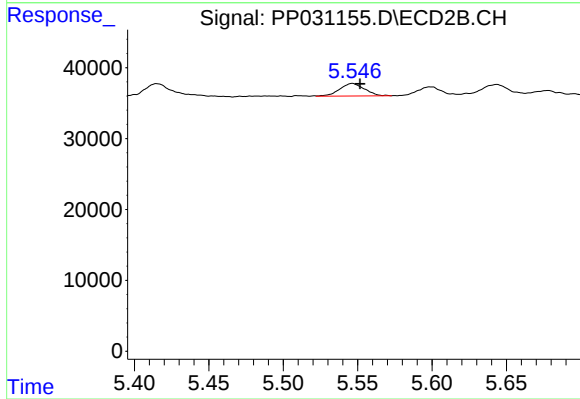
R.T.: 5.354 min
Delta R.T.: -0.005 min
Response: 38901
Conc: 14.31 ng/ml



#5 AR-1016-3

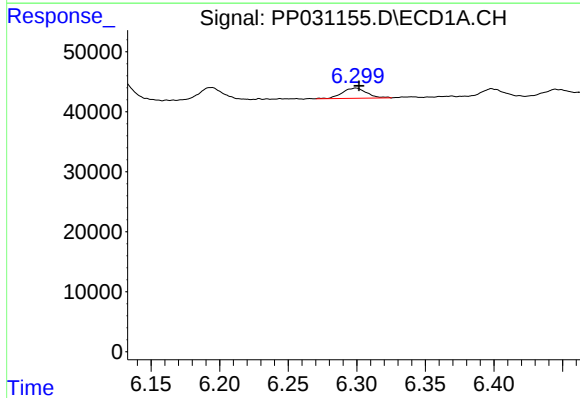
R.T.: 6.194 min
Delta R.T.: -0.003 min
Response: 26938
Conc: 15.47 ng/ml

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



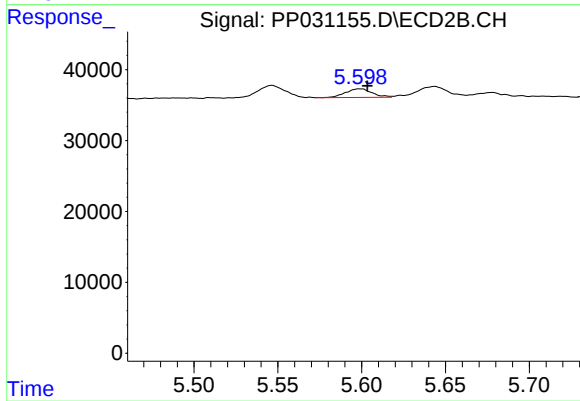
#5 AR-1016-3

R.T.: 5.546 min
Delta R.T.: -0.005 min
Response: 20655
Conc: 16.31 ng/ml



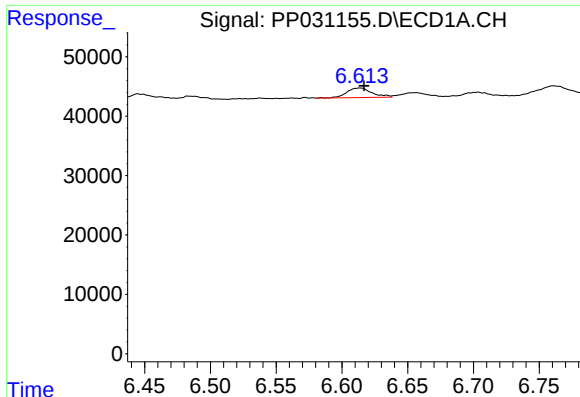
#6 AR-1016-4

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 21248
Conc: 14.70 ng/ml



#6 AR-1016-4

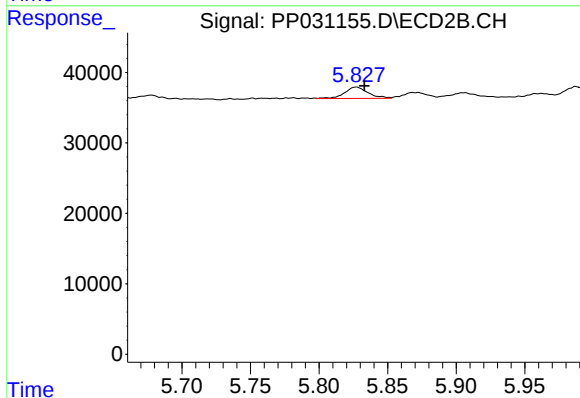
R.T.: 5.599 min
Delta R.T.: -0.004 min
Response: 13556
Conc: 14.70 ng/ml



#7 AR-1016-5

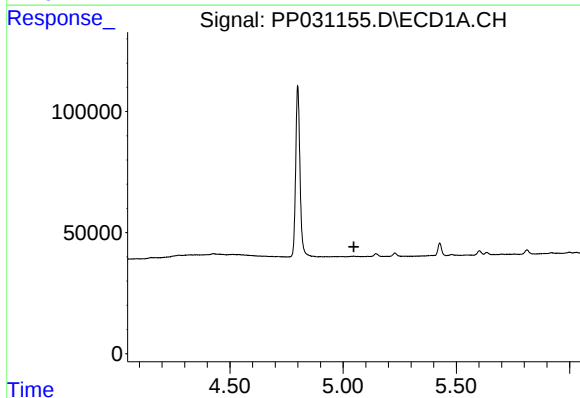
R.T.: 6.614 min
Delta R.T.: -0.003 min
Response: 21435
Conc: 17.20 ng/ml

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



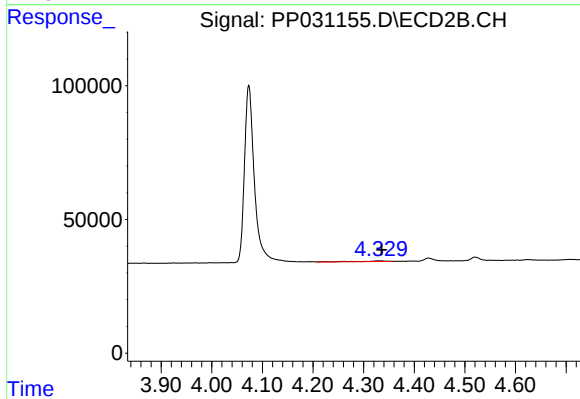
#7 AR-1016-5

R.T.: 5.827 min
Delta R.T.: -0.006 min
Response: 19167
Conc: 14.60 ng/ml



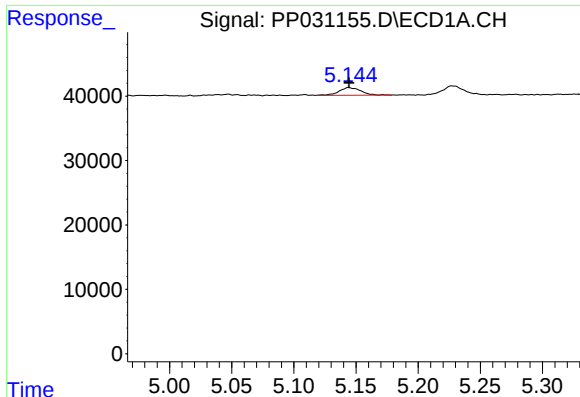
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.047 min
Response: 0
Conc: N.D.



#8 AR-1221-1

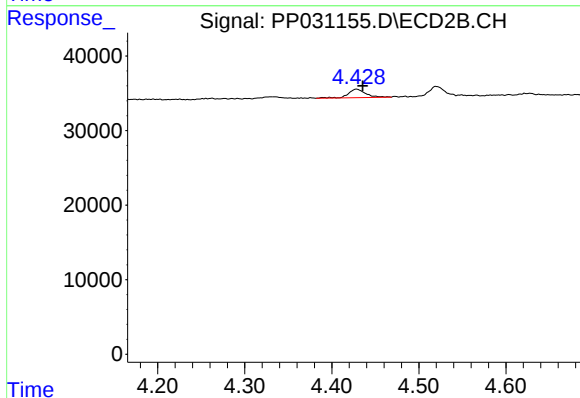
R.T.: 4.331 min
Delta R.T.: -0.005 min
Response: 9157
Conc: 16.26 ng/ml



#9 AR-1221-2

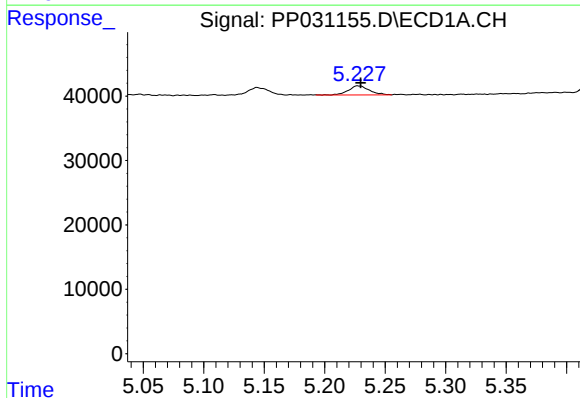
R.T.: 5.144 min
Delta R.T.: 0.000 min
Response: 14817
Conc: 32.99 ng/ml

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



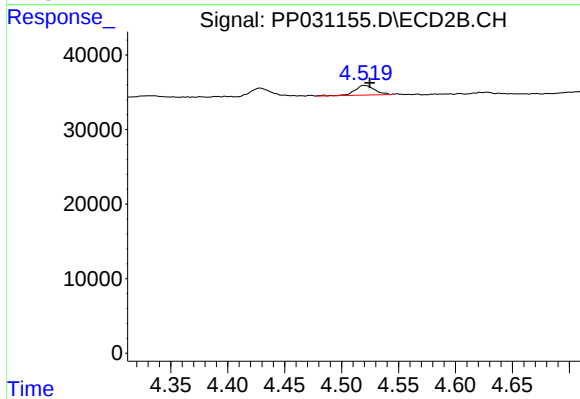
#9 AR-1221-2

R.T.: 4.428 min
Delta R.T.: -0.007 min
Response: 15903
Conc: 38.33 ng/ml



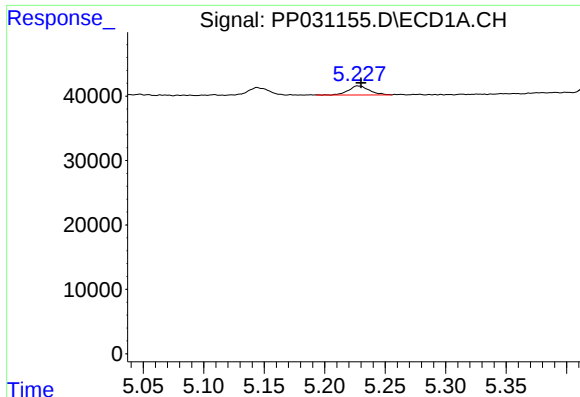
#10 AR-1221-3

R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 16951
Conc: 12.56 ng/ml



#10 AR-1221-3

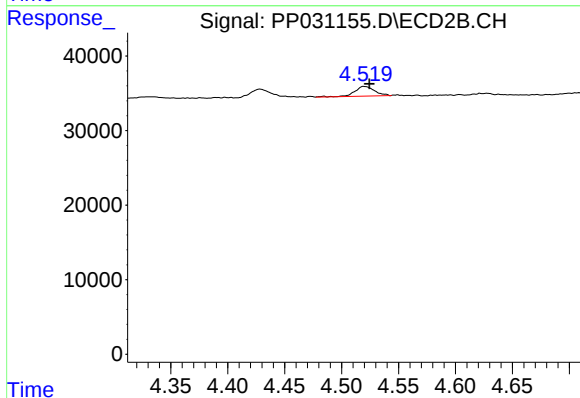
R.T.: 4.520 min
Delta R.T.: -0.005 min
Response: 15690
Conc: 11.96 ng/ml



#11 AR-1232-1

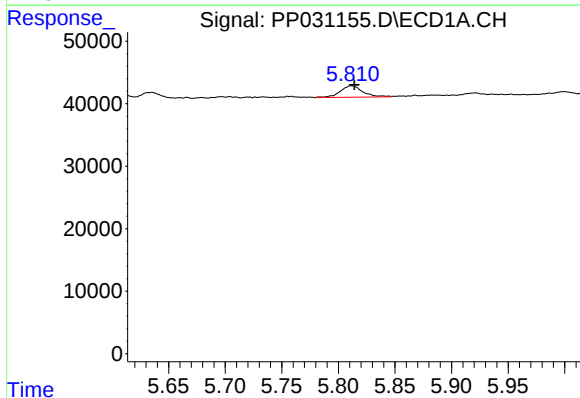
R.T.: 5.228 min
Delta R.T.: -0.002 min
Response: 16951
Conc: 13.86 ng/ml

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



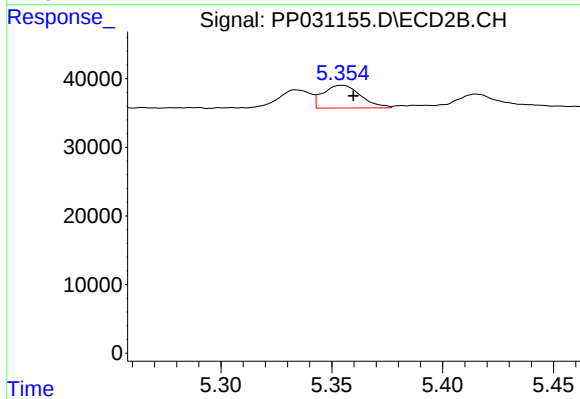
#11 AR-1232-1

R.T.: 4.520 min
Delta R.T.: -0.005 min
Response: 15690
Conc: 13.10 ng/ml



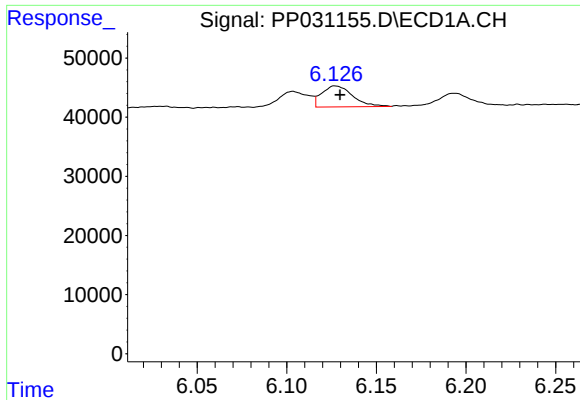
#12 AR-1232-2

R.T.: 5.812 min
Delta R.T.: -0.002 min
Response: 25366
Conc: 41.77 ng/ml



#12 AR-1232-2

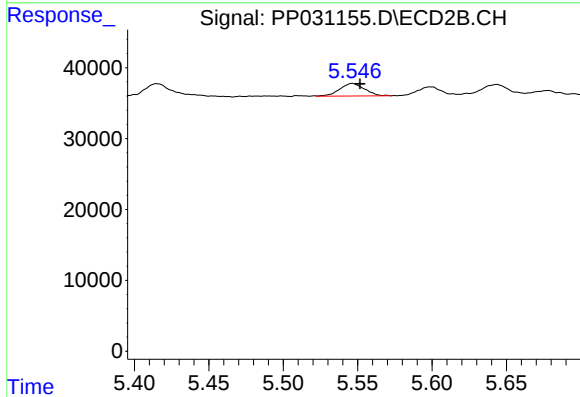
R.T.: 5.354 min
Delta R.T.: -0.005 min
Response: 38901
Conc: 36.61 ng/ml



#13 AR-1232-3

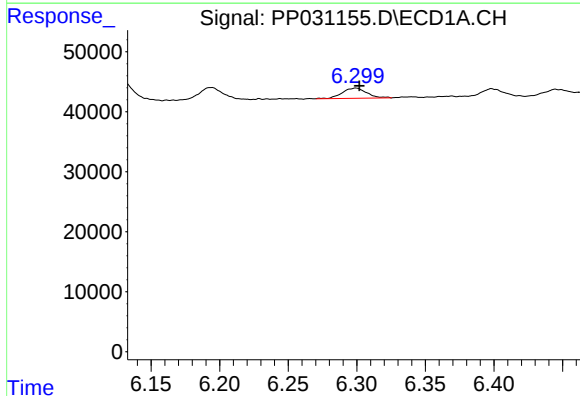
R.T.: 6.127 min
Delta R.T.: -0.003 min
Response: 42540
Conc: 38.08 ng/ml

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



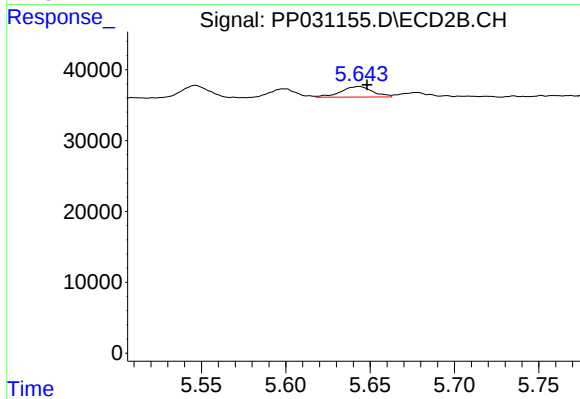
#13 AR-1232-3

R.T.: 5.546 min
Delta R.T.: -0.005 min
Response: 20655
Conc: 40.29 ng/ml



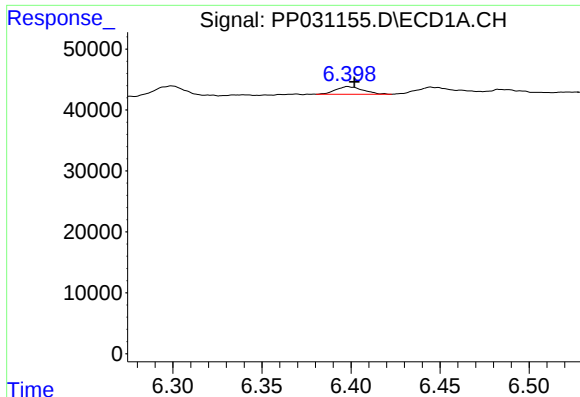
#14 AR-1232-4

R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 21248
Conc: 37.44 ng/ml



#14 AR-1232-4

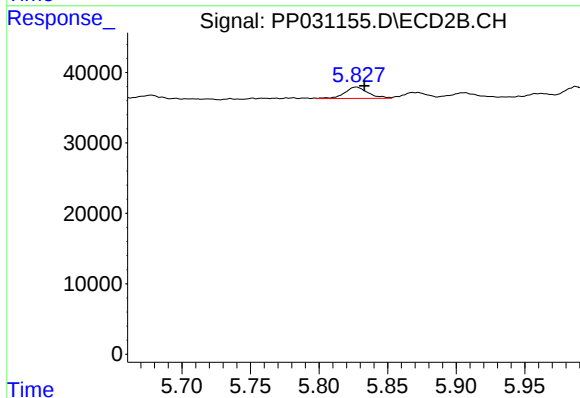
R.T.: 5.643 min
Delta R.T.: -0.005 min
Response: 19513
Conc: 44.68 ng/ml



#15 AR-1232-5

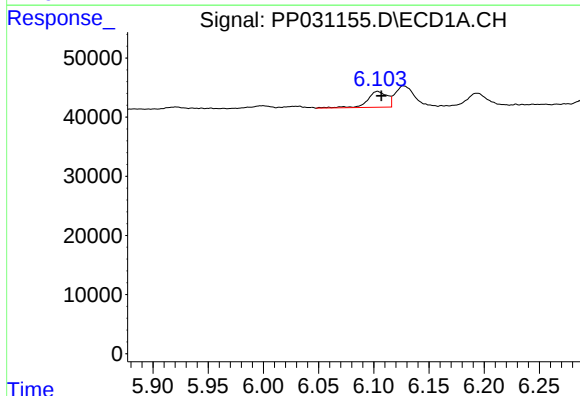
R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 13449
Conc: 38.81 ng/ml

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



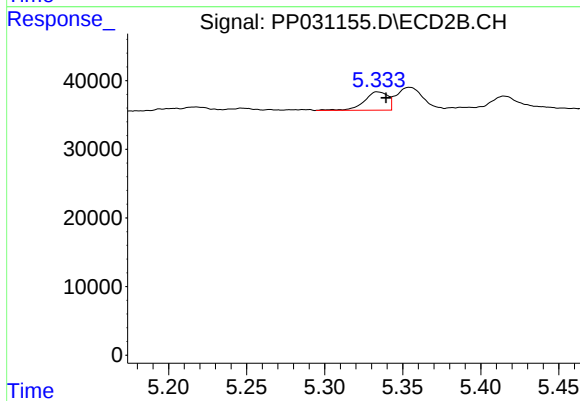
#15 AR-1232-5

R.T.: 5.827 min
Delta R.T.: -0.006 min
Response: 19167
Conc: 39.69 ng/ml



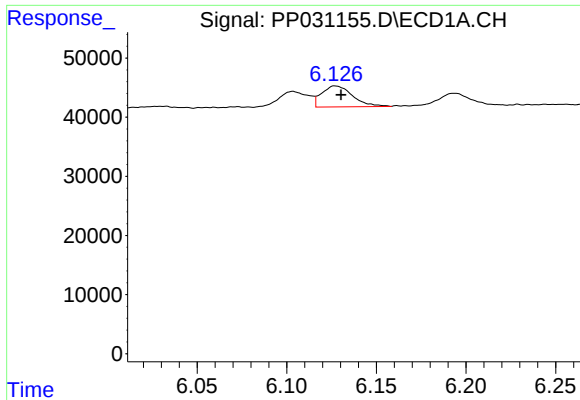
#16 AR-1242-1

R.T.: 6.103 min
Delta R.T.: -0.004 min
Response: 33936
Conc: 25.26 ng/ml



#16 AR-1242-1

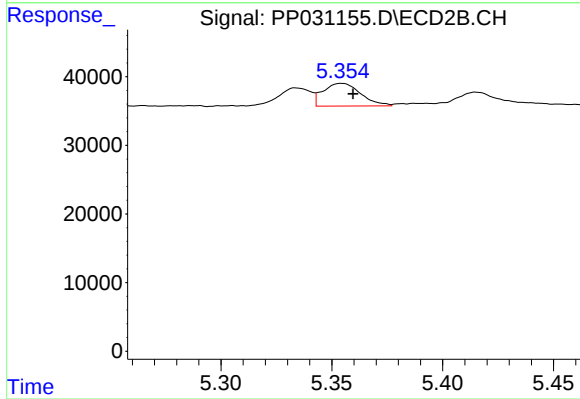
R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 28055
Conc: 21.80 ng/ml



#17 AR-1242-2

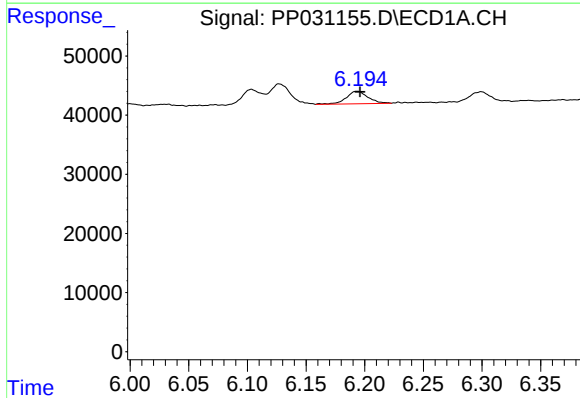
R.T.: 6.127 min
Delta R.T.: -0.003 min
Response: 42540
Conc: 21.78 ng/ml

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



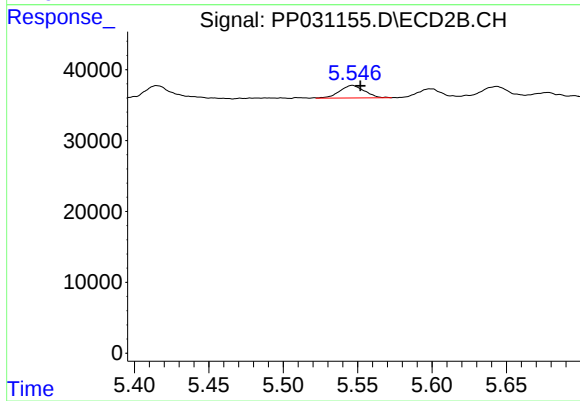
#17 AR-1242-2

R.T.: 5.354 min
Delta R.T.: -0.005 min
Response: 38901
Conc: 20.83 ng/ml



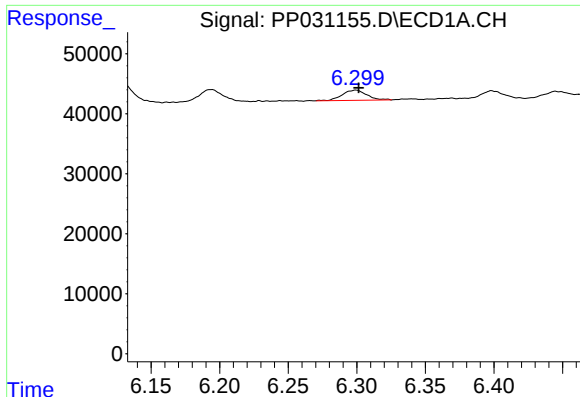
#18 AR-1242-3

R.T.: 6.194 min
Delta R.T.: -0.002 min
Response: 26938
Conc: 22.09 ng/ml



#18 AR-1242-3

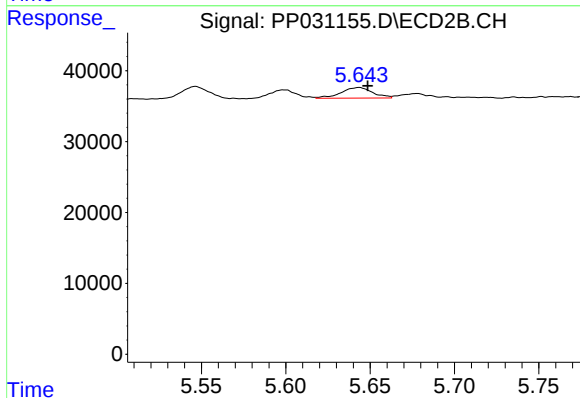
R.T.: 5.546 min
Delta R.T.: -0.005 min
Response: 20655
Conc: 22.00 ng/ml



#19 AR-1242-4

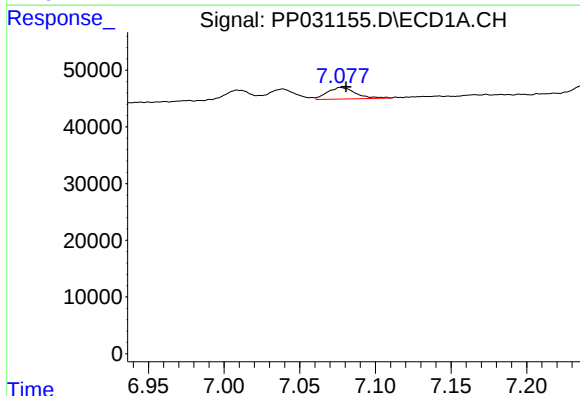
R.T.: 6.299 min
Delta R.T.: -0.002 min
Response: 21248
Conc: 20.97 ng/ml

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



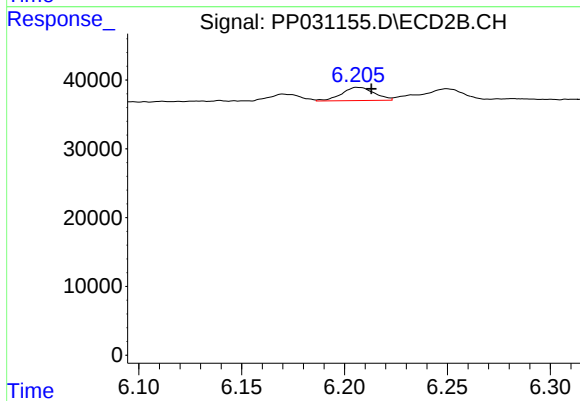
#19 AR-1242-4

R.T.: 5.643 min
Delta R.T.: -0.005 min
Response: 19513
Conc: 22.50 ng/ml



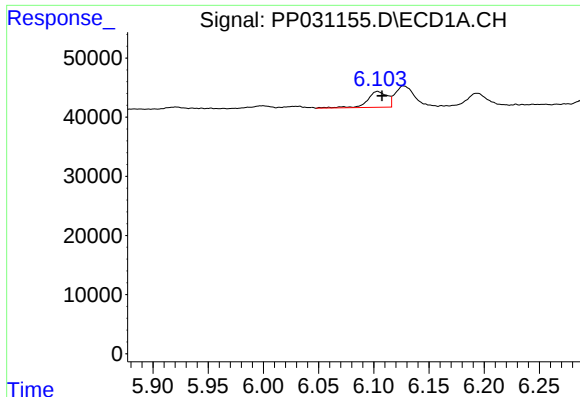
#20 AR-1242-5

R.T.: 7.077 min
Delta R.T.: -0.003 min
Response: 26203
Conc: 27.46 ng/ml



#20 AR-1242-5

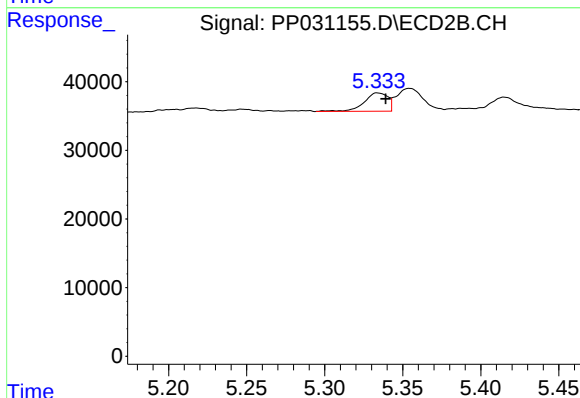
R.T.: 6.207 min
Delta R.T.: -0.006 min
Response: 21214
Conc: 21.31 ng/ml



#21 AR-1248-1

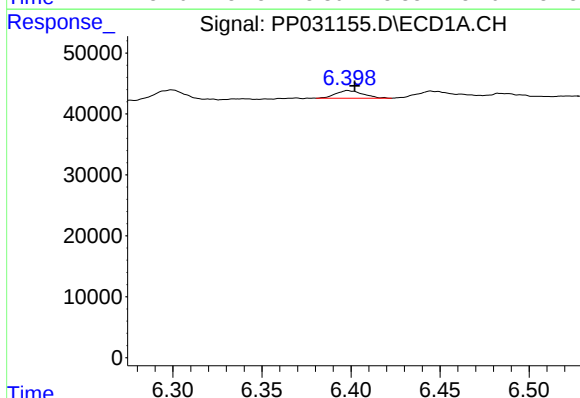
R.T.: 6.103 min
Delta R.T.: -0.004 min
Response: 33936
Conc: 35.19 ng/ml

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



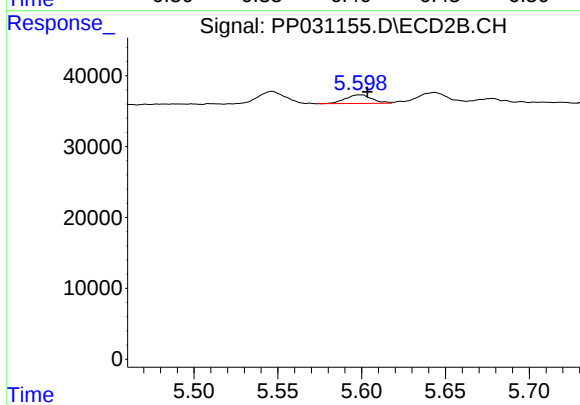
#21 AR-1248-1

R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 28055
Conc: 30.32 ng/ml



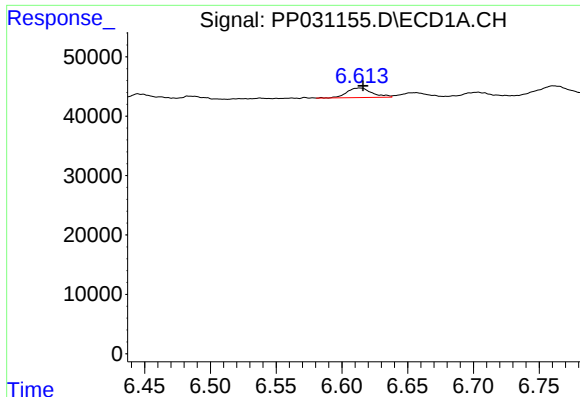
#22 AR-1248-2

R.T.: 6.398 min
Delta R.T.: -0.004 min
Response: 13449
Conc: 11.63 ng/ml



#22 AR-1248-2

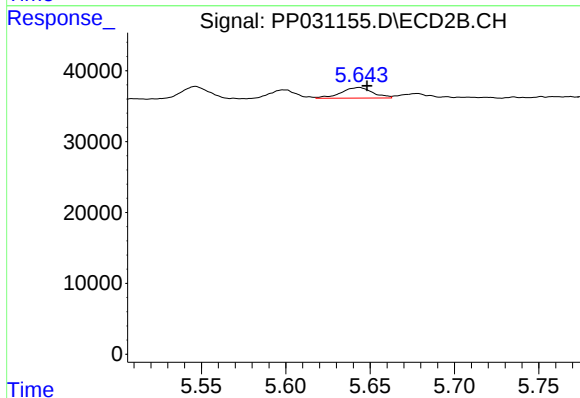
R.T.: 5.599 min
Delta R.T.: -0.004 min
Response: 13556
Conc: 12.30 ng/ml



#23 AR-1248-3

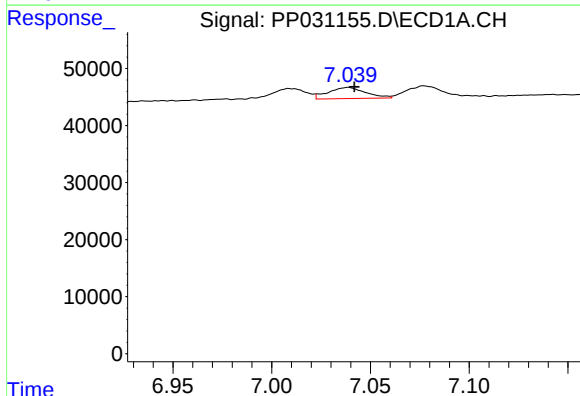
R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 21435
Conc: 15.07 ng/ml

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



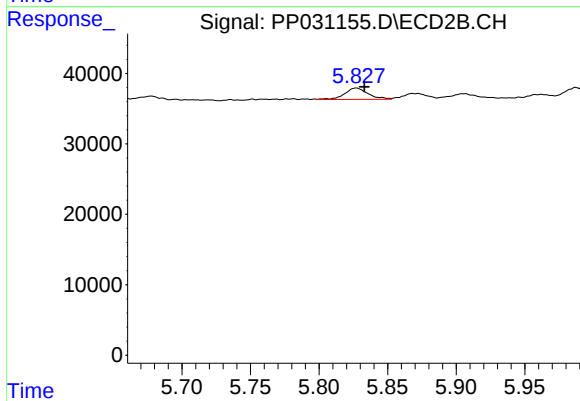
#23 AR-1248-3

R.T.: 5.643 min
Delta R.T.: -0.005 min
Response: 19513
Conc: 16.12 ng/ml



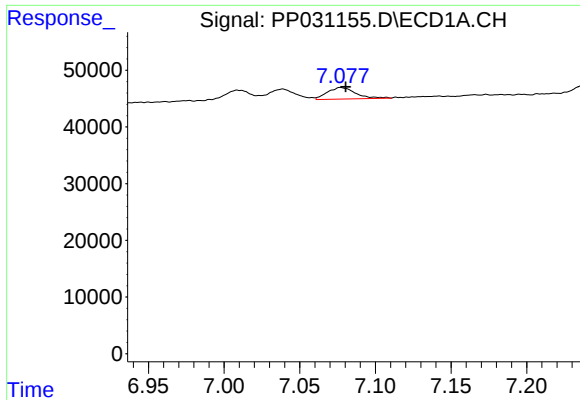
#24 AR-1248-4

R.T.: 7.039 min
Delta R.T.: -0.003 min
Response: 25785
Conc: 16.92 ng/ml



#24 AR-1248-4

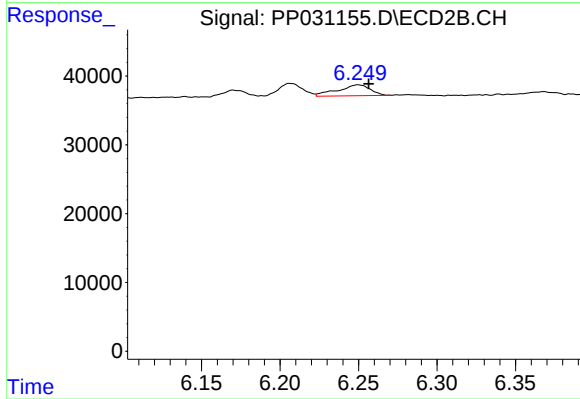
R.T.: 5.827 min
Delta R.T.: -0.006 min
Response: 19167
Conc: 12.99 ng/ml



#25 AR-1248-5

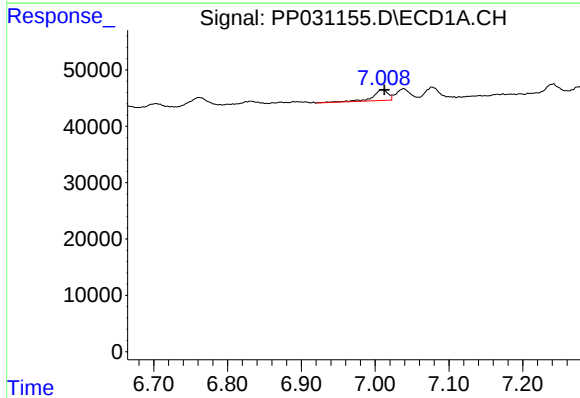
R.T.: 7.077 min
Delta R.T.: -0.003 min
Response: 26203
Conc: 17.27 ng/ml

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



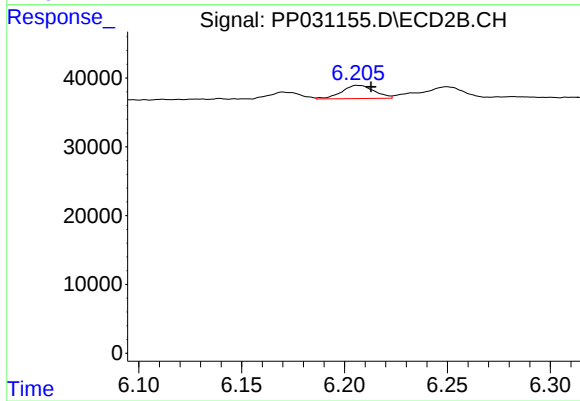
#25 AR-1248-5

R.T.: 6.250 min
Delta R.T.: -0.007 min
Response: 22859
Conc: 18.10 ng/ml



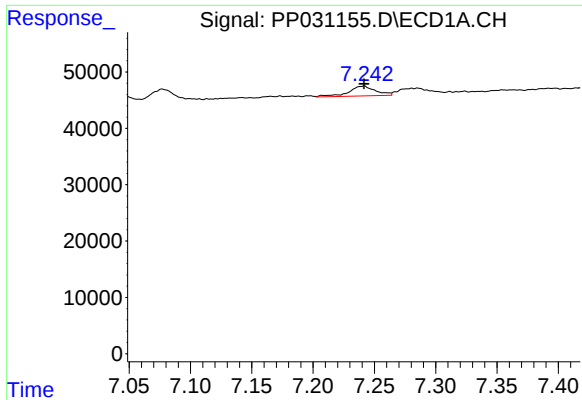
#26 AR-1254-1

R.T.: 7.009 min
Delta R.T.: -0.003 min
Response: 28102
Conc: 20.02 ng/ml



#26 AR-1254-1

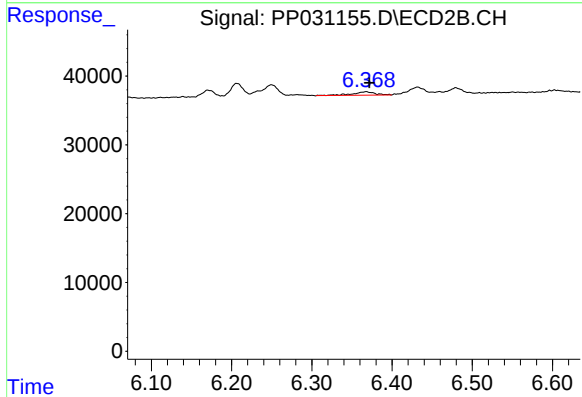
R.T.: 6.207 min
Delta R.T.: -0.006 min
Response: 21214
Conc: 10.79 ng/ml



#27 AR-1254-2

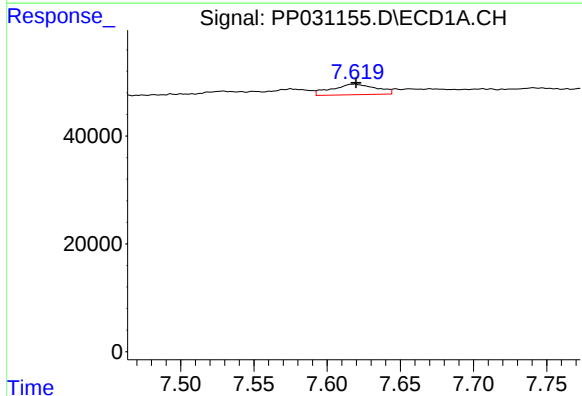
R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 26688
Conc: 12.80 ng/ml

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



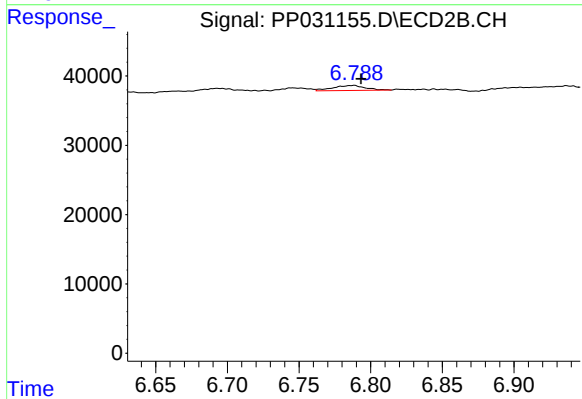
#27 AR-1254-2

R.T.: 6.368 min
Delta R.T.: -0.004 min
Response: 9478
Conc: 5.77 ng/ml



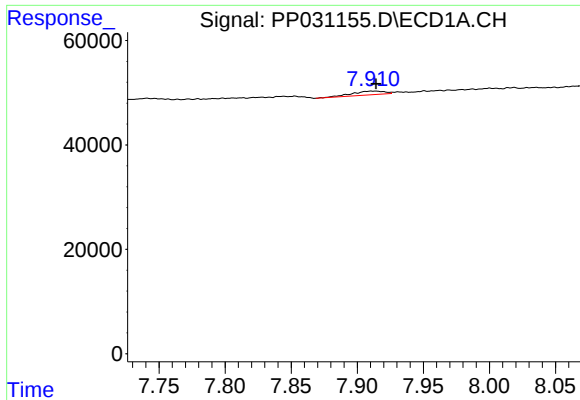
#28 AR-1254-3

R.T.: 7.618 min
Delta R.T.: -0.001 min
Response: 41048
Conc: 17.78 ng/ml



#28 AR-1254-3

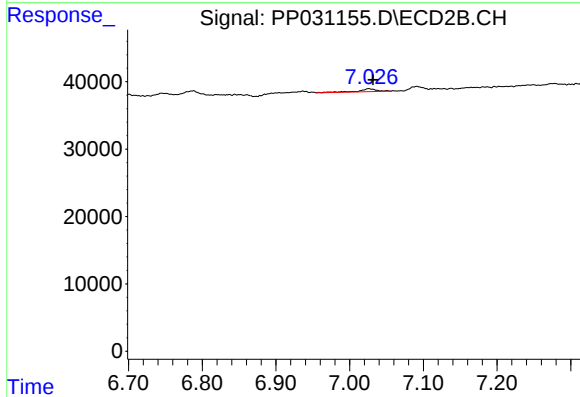
R.T.: 6.788 min
Delta R.T.: -0.005 min
Response: 11360
Conc: 4.15 ng/ml



#29 AR-1254-4

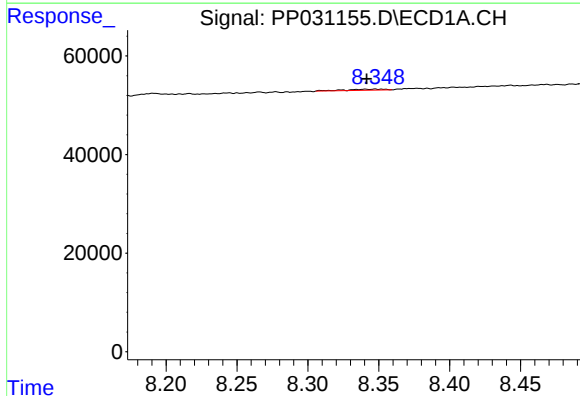
R.T.: 7.912 min
Delta R.T.: -0.003 min
Response: 11984
Conc: 7.32 ng/ml

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



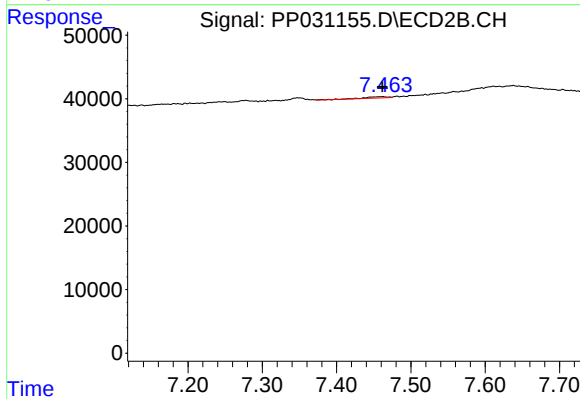
#29 AR-1254-4

R.T.: 7.026 min
Delta R.T.: -0.006 min
Response: 7122
Conc: 4.41 ng/ml



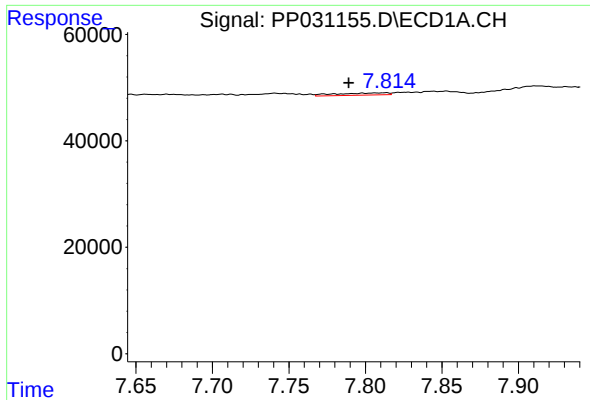
#30 AR-1254-5

R.T.: 8.348 min
Delta R.T.: 0.006 min
Response: 3881
Conc: 2.30 ng/ml



#30 AR-1254-5

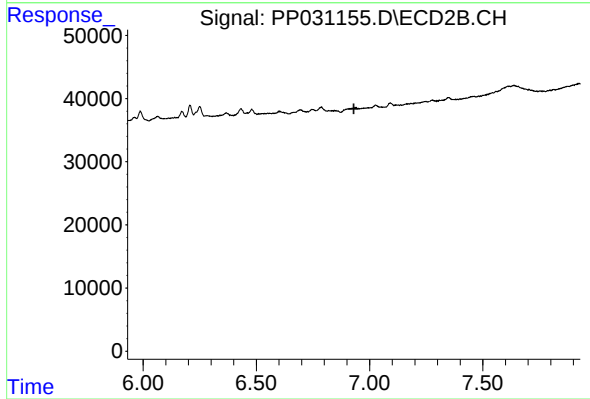
R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 4977
Conc: 2.27 ng/ml



#31 AR-1260-1

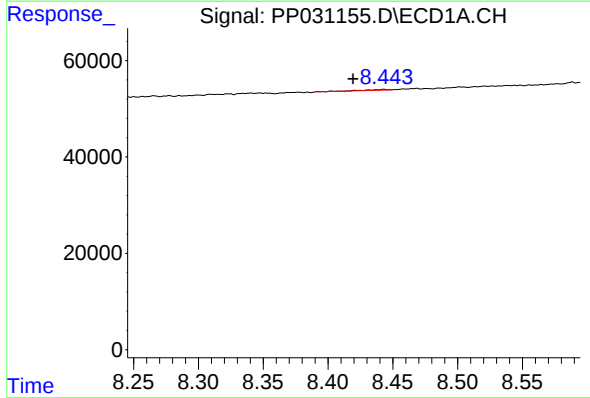
R.T.: 7.813 min
Delta R.T.: 0.024 min
Response: 9629
Conc: 5.24 ng/ml

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



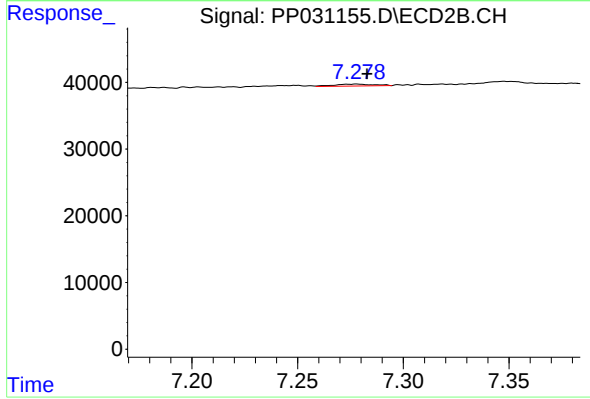
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.931 min
Response: 0
Conc: N.D.



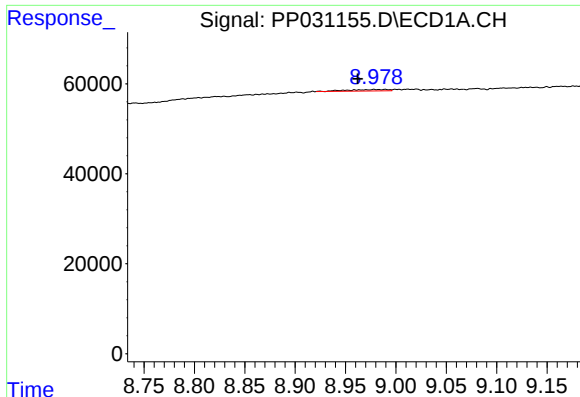
#33 AR-1260-3

R.T.: 8.443 min
Delta R.T.: 0.024 min
Response: 2246
Conc: 1.36 ng/ml



#33 AR-1260-3

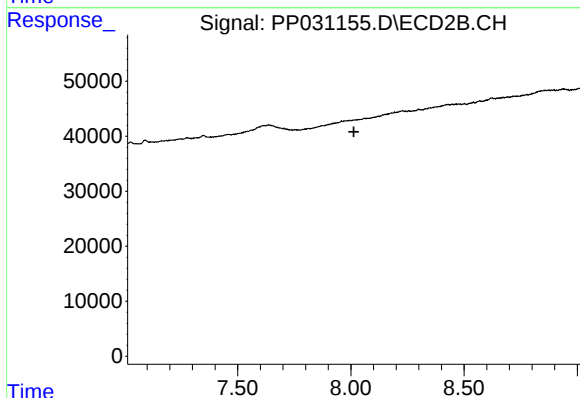
R.T.: 7.278 min
Delta R.T.: -0.005 min
Response: 3947
Conc: 1.74 ng/ml



#35 AR-1260-5

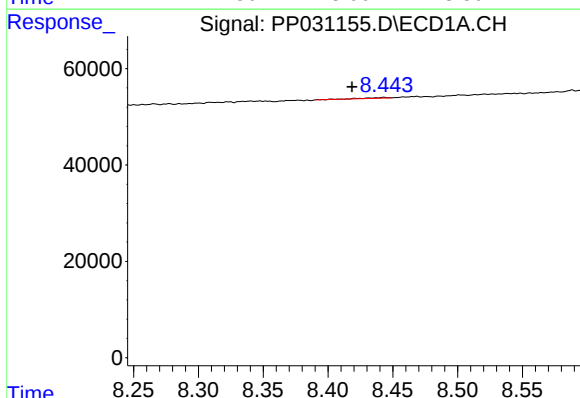
R.T.: 8.989 min
Delta R.T.: 0.027 min
Response: 9896
Conc: 2.62 ng/ml

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



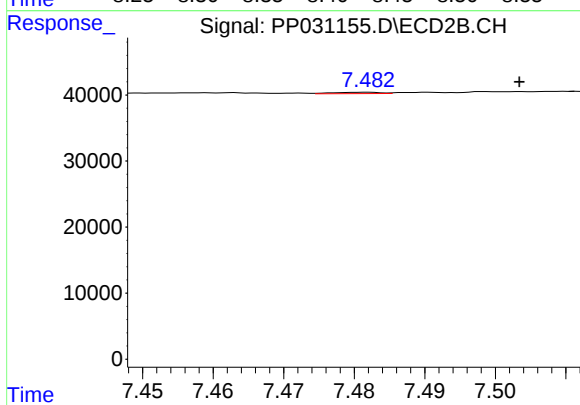
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 8.013 min
Response: 0
Conc: N.D.



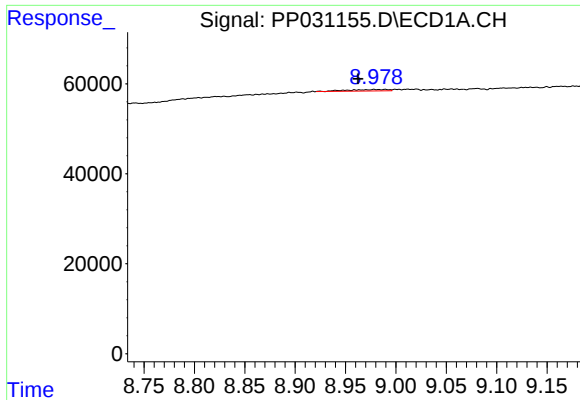
#36 AR-1262-1

R.T.: 8.443 min
Delta R.T.: 0.024 min
Response: 2246
Conc: 1.12 ng/ml



#36 AR-1262-1

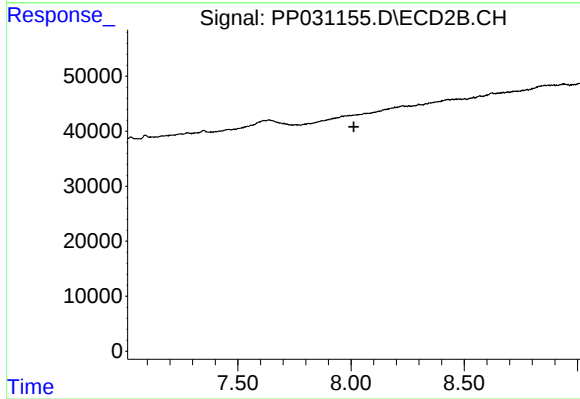
R.T.: 7.481 min
Delta R.T.: -0.022 min
Response: 956
Conc: 0.41 ng/ml



#37 AR-1262-2

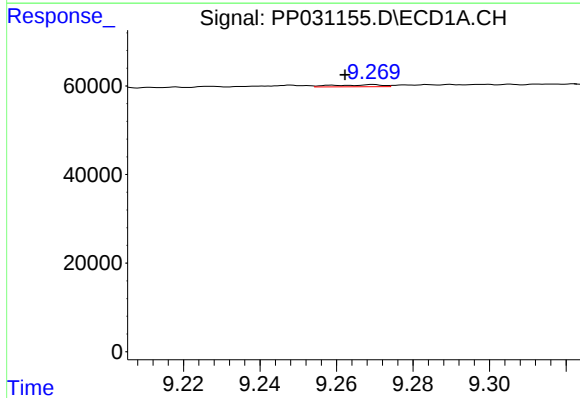
R.T.: 8.989 min
Delta R.T.: 0.027 min
Response: 9896
Conc: 2.72 ng/ml

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



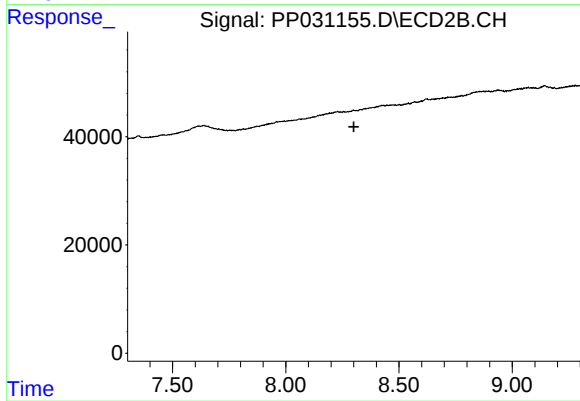
#37 AR-1262-2

R.T.: 0.000 min
Exp R.T. : 8.013 min
Response: 0
Conc: N.D.



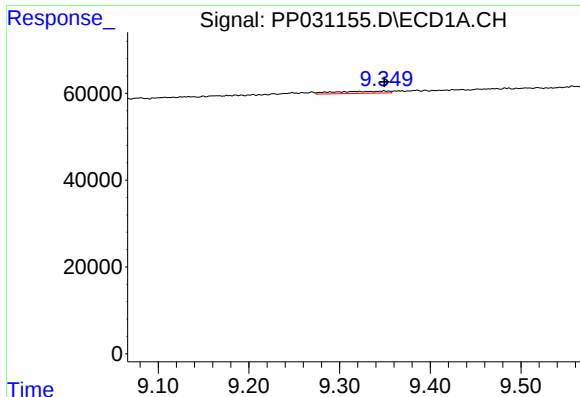
#38 AR-1262-3

R.T.: 9.269 min
Delta R.T.: 0.007 min
Response: 4161
Conc: 1.61 ng/ml



#38 AR-1262-3

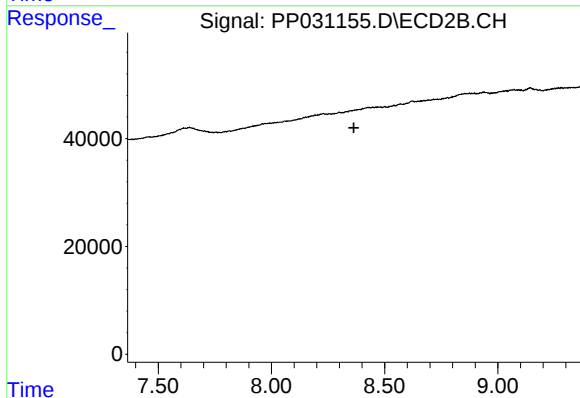
R.T.: 0.000 min
Exp R.T. : 8.301 min
Response: 0
Conc: N.D.



#39 AR-1262-4

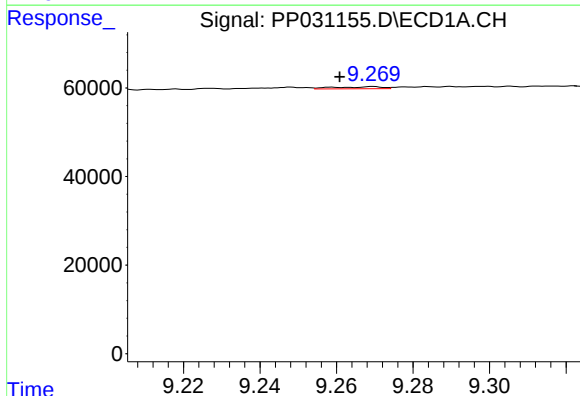
R.T.: 9.349 min
Delta R.T.: 0.000 min
Response: 19984
Conc: 9.71 ng/ml

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



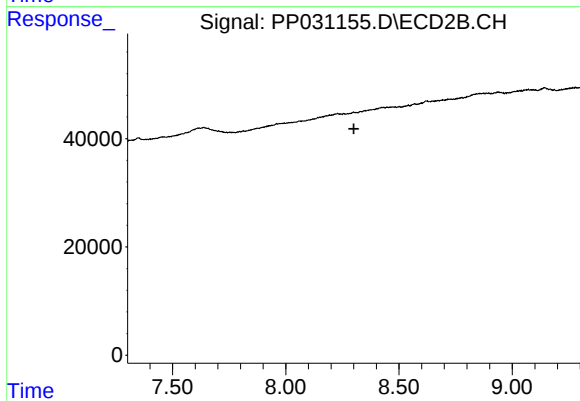
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.364 min
Response: 0
Conc: N.D.



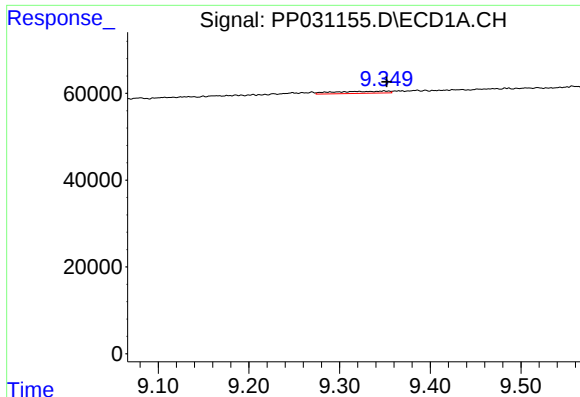
#41 AR-1268-1

R.T.: 9.269 min
Delta R.T.: 0.009 min
Response: 4161
Conc: 0.95 ng/ml



#41 AR-1268-1

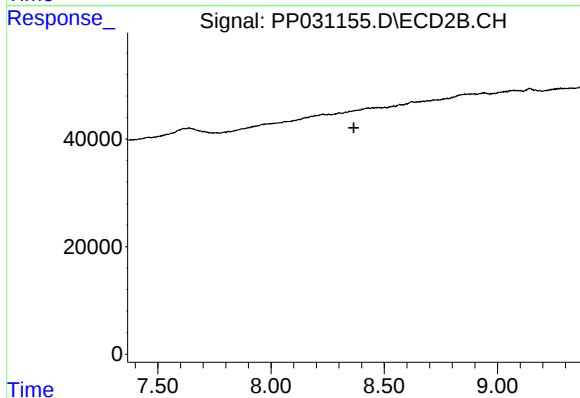
R.T.: 0.000 min
Exp R.T. : 8.300 min
Response: 0
Conc: N.D.



#42 AR-1268-2

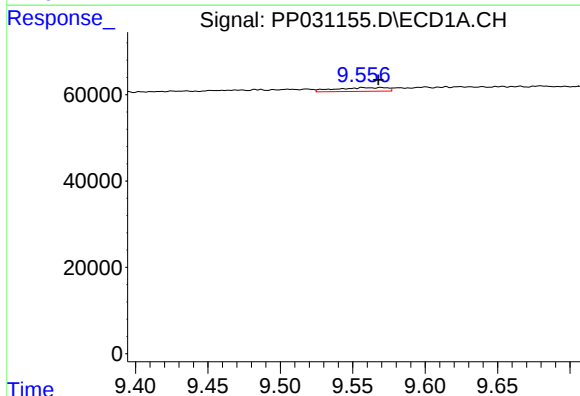
R.T.: 9.349 min
Delta R.T.: -0.003 min
Response: 19984
Conc: 4.65 ng/ml

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



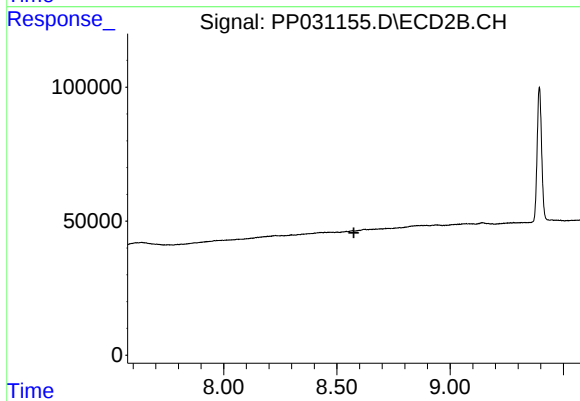
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.366 min
Response: 0
Conc: N.D.



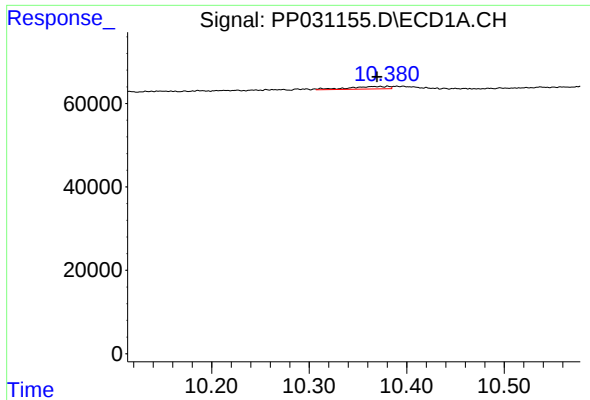
#43 AR-1268-3

R.T.: 9.557 min
Delta R.T.: -0.011 min
Response: 21546
Conc: 5.96 ng/ml



#43 AR-1268-3

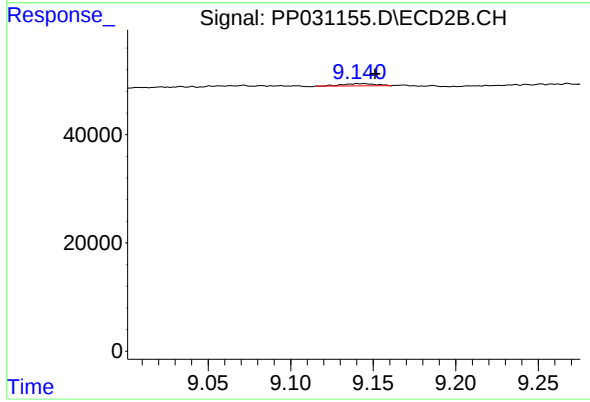
R.T.: 0.000 min
Exp R.T. : 8.575 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.373 min
Delta R.T.: 0.003 min
Response: 17532
Conc: 1.47 ng/ml

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



#45 AR-1268-5

R.T.: 9.144 min
Delta R.T.: -0.007 min
Response: 5615
Conc: 0.42 ng/ml