

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110420\
 Data File : PP031092.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Nov 2020 11:12
 Operator : DD\AJ
 Sample : L4214-01
 Misc : AR1248 LOD 25 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2020

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 05:00:04 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...	4.800	4.075	895559	862353	13.408	12.974
2)	SA Decachlor...	10.680	9.398	577851	632596	14.452	15.150
Target Compounds							
3)	L1 AR-1016-1	6.106	5.336	25888	17825	13.296	9.608 #
4)	L1 AR-1016-2	6.129	5.356	28307	19916	9.916	7.327 #
5)	L1 AR-1016-3	6.195	5.550	14057	12919	8.071	10.200 #
6)	L1 AR-1016-4	6.298	5.600	12604	23280	8.722	25.242 #
7)	L1 AR-1016-5	6.614	5.829	34313	29599	27.526	22.551
9)	L2 AR-1221-2	5.146	4.432	12447	10153	27.710	24.471
12)	L3 AR-1232-2	5.813	5.356	9880	19916	16.271	18.741
13)	L3 AR-1232-3	6.129	5.550	28307	12919	25.339	25.199
14)	L3 AR-1232-4	6.298	5.644	12604	28026	22.207	64.168 #
15)	L3 AR-1232-5	6.399	5.829	23573	29599	68.028	61.294
16)	L4 AR-1242-1	6.106	5.336	25888	17825	19.269	13.850 #
17)	L4 AR-1242-2	6.129	5.356	28307	19916	14.494	10.665 #
18)	L4 AR-1242-3	6.195	5.550	14057	12919	11.526	13.761
19)	L4 AR-1242-4	6.298	5.644	12604	28026	12.440	32.317 #
20)	L4 AR-1242-5	7.079	6.210	36468	44465	38.216	44.665
21)	L5 AR-1248-1	6.106	5.336	25888	17825	26.846	19.264 #
22)	L5 AR-1248-2	6.399	5.600	23573	23280	20.381	21.123
23)	L5 AR-1248-3	6.614	5.644	34313	28026	24.117	23.155
24)	L5 AR-1248-4	7.039	5.829	38364	29599	25.172	20.056
25)	L5 AR-1248-5	7.079	6.253	36468	35958	24.038	28.472
26)	L6 AR-1254-1	7.010	6.210	34560	44465	24.615	22.609
27)	L6 AR-1254-2	7.242	6.368	37268	14970	17.879	9.110 #
28)	L6 AR-1254-3	7.619	6.789	59608	17008	25.826	6.211 #
29)	L6 AR-1254-4	7.916	7.028	15296	13936	9.343	8.637
30)	L6 AR-1254-5	8.342	7.462	5865	3392	3.474	1.549 #
31)	L7 AR-1260-1	0.000	6.937	0	7036	N.D.	3.511 #
32)	L7 AR-1260-2	0.000	7.118	0	1057	N.D.	0.452 #
33)	L7 AR-1260-3	8.432	7.262f	1956	1749	1.188	0.769 #
34)	L7 AR-1260-4	8.650	0.000	1753	0	0.943	N.D. #
35)	L7 AR-1260-5	8.962	8.012	11970	2816	3.175	0.626 #
36)	L8 AR-1262-1	8.432	7.500	1956	1504	0.973	0.647 #
37)	L8 AR-1262-2	8.962	8.012	11970	2816	3.293	0.679 #
38)	L8 AR-1262-3	9.270	8.308	7928	1972	3.067	1.163 #
39)	L8 AR-1262-4	9.333f	8.366	4506	4200	2.189	1.323 #
41)	L9 AR-1268-1	9.270	8.308	7928	1972	1.815	0.403 #
42)	L9 AR-1268-2	9.333f	8.366	4506	4200	1.048	0.883
43)	L9 AR-1268-3	0.000	8.576	0	427	N.D.	0.107 #
45)	L9 AR-1268-5	10.370	9.152	24754	5394	2.070	0.402 #

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Quant Title : GC EXTRACTABLES
QLast Update : Wed Nov 04 08:24:38 2020
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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
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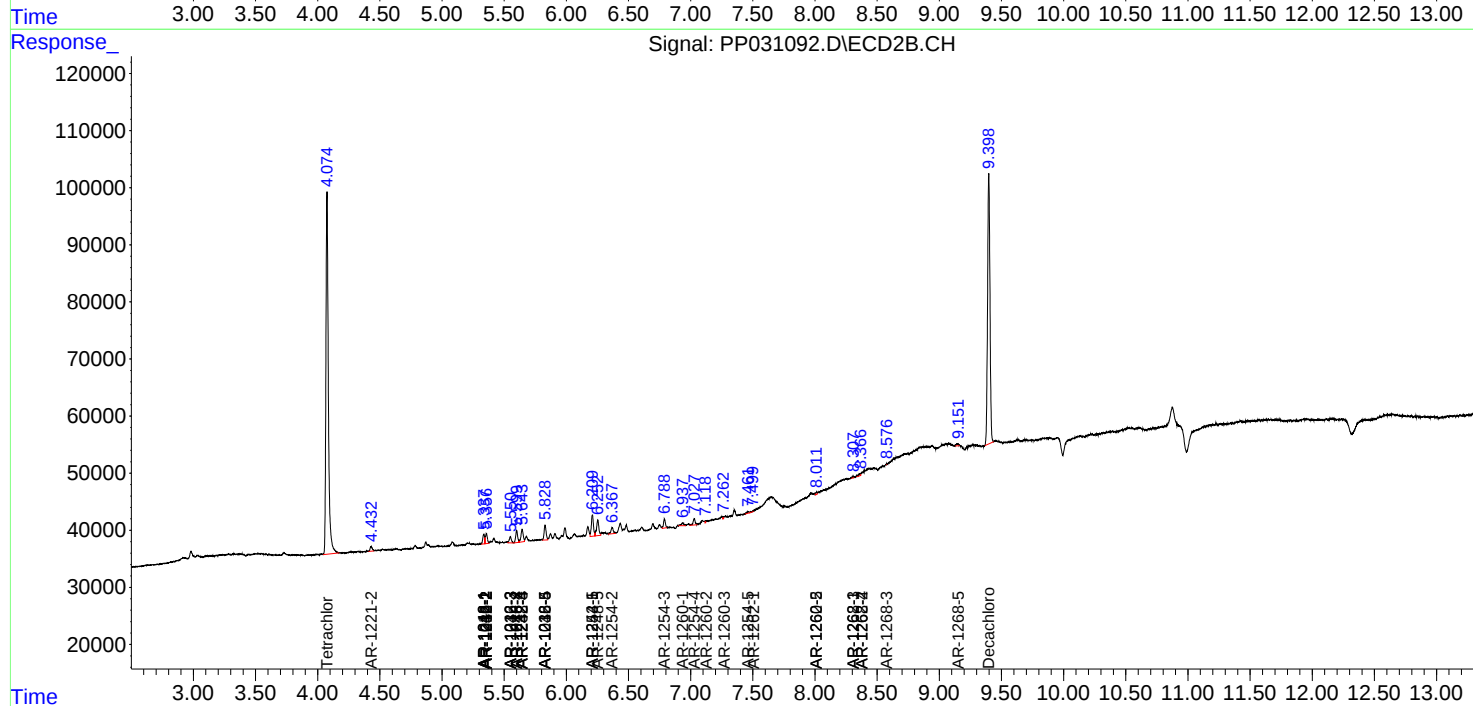
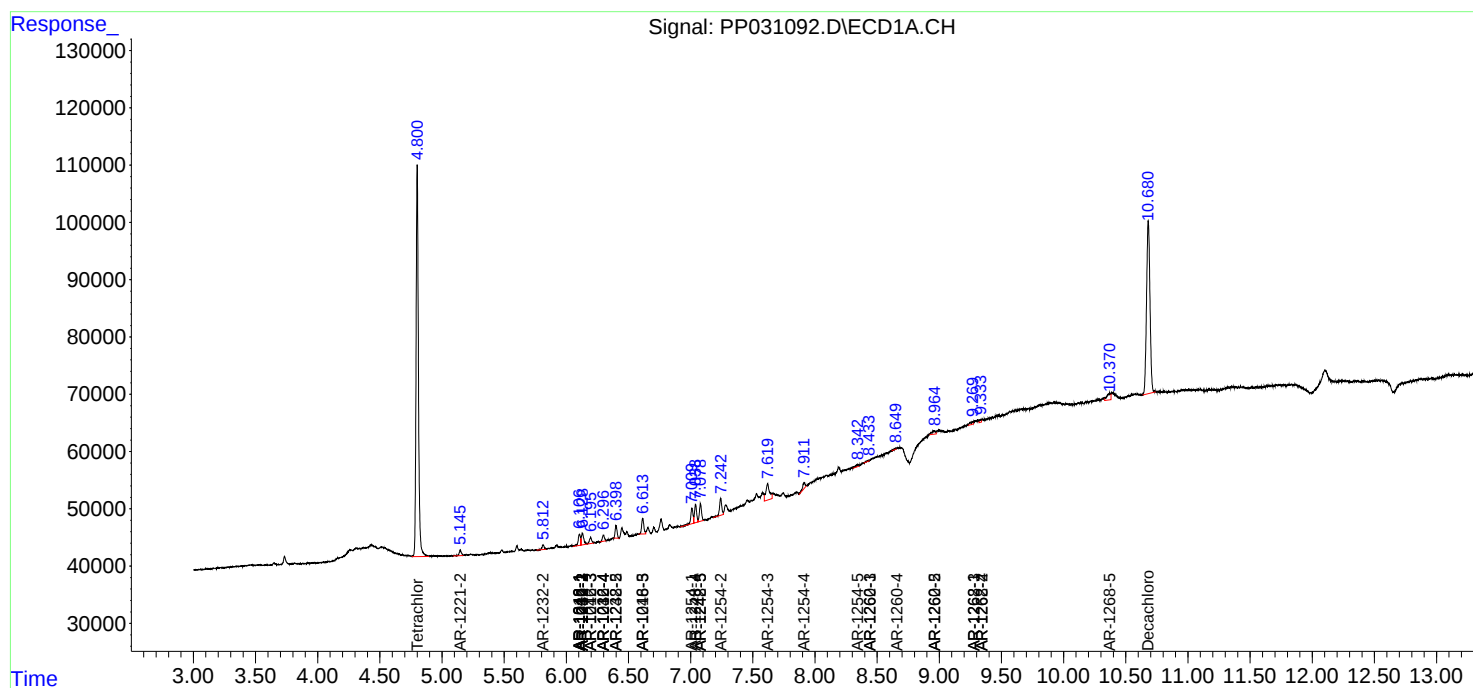
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

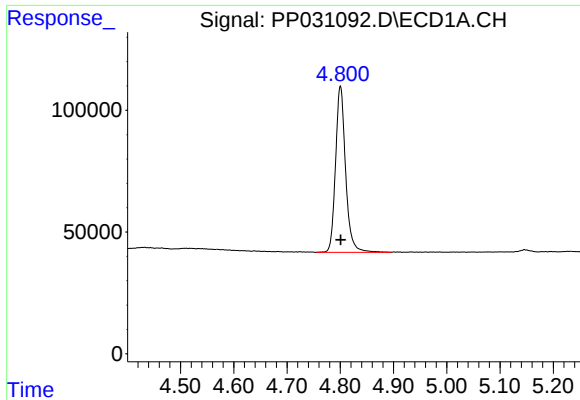
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110420\
Data File : PP031092.D
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

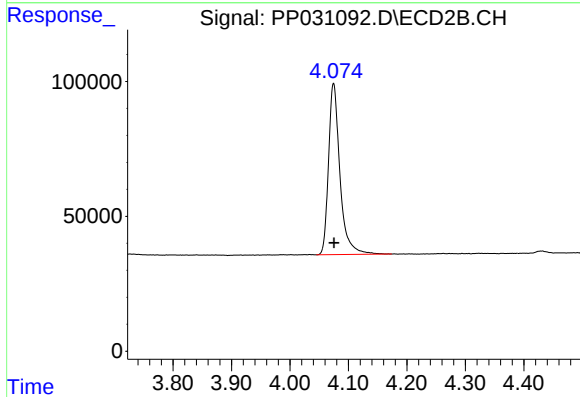




#1 Tetrachloro-m-xylene

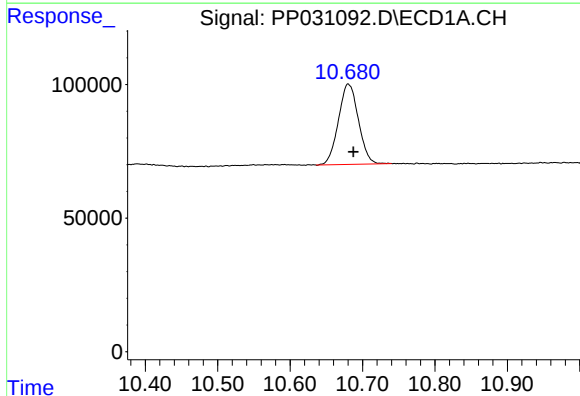
R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 895559
Conc: 13.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



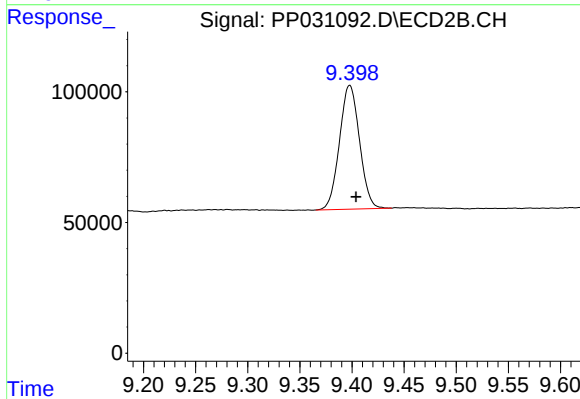
#1 Tetrachloro-m-xylene

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 862353
Conc: 12.97 ng/ml



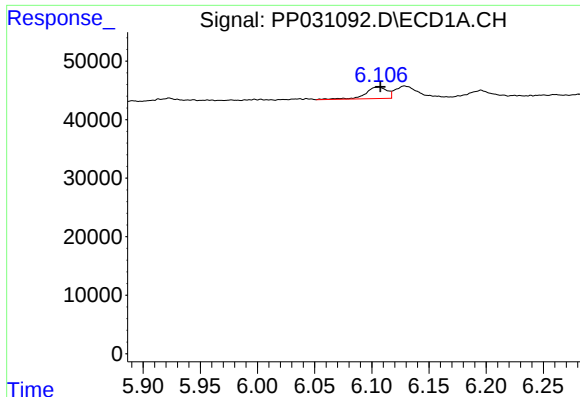
#2 Decachlorobiphenyl

R.T.: 10.680 min
Delta R.T.: -0.007 min
Response: 577851
Conc: 14.45 ng/ml



#2 Decachlorobiphenyl

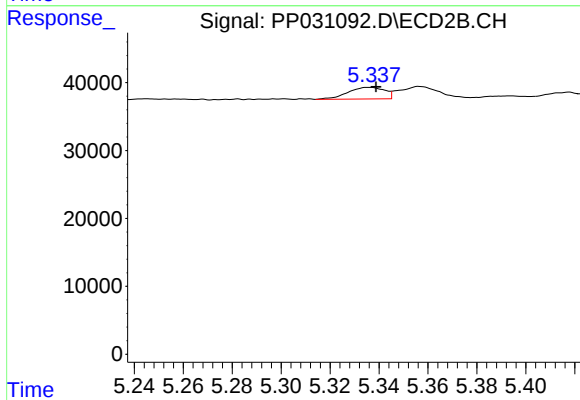
R.T.: 9.398 min
Delta R.T.: -0.006 min
Response: 632596
Conc: 15.15 ng/ml



#3 AR-1016-1

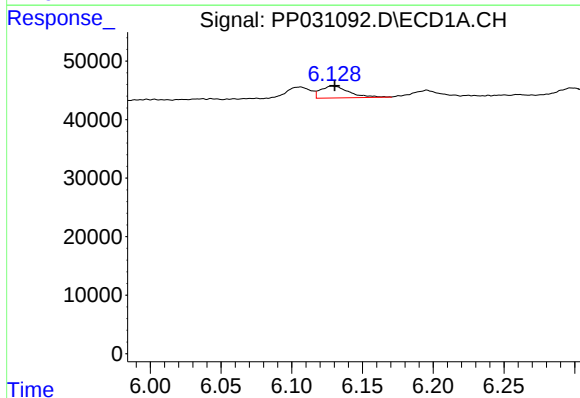
R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 25888
Conc: 13.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



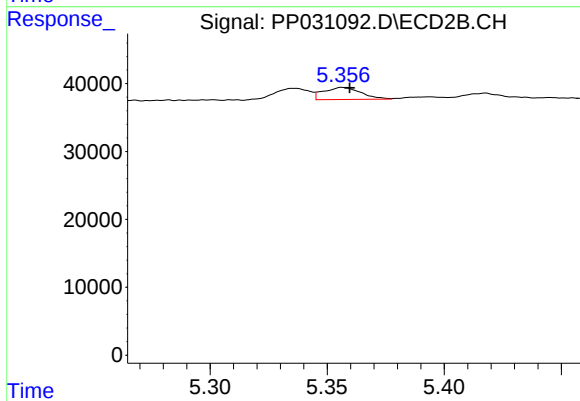
#3 AR-1016-1

R.T.: 5.336 min
Delta R.T.: -0.003 min
Response: 17825
Conc: 9.61 ng/ml



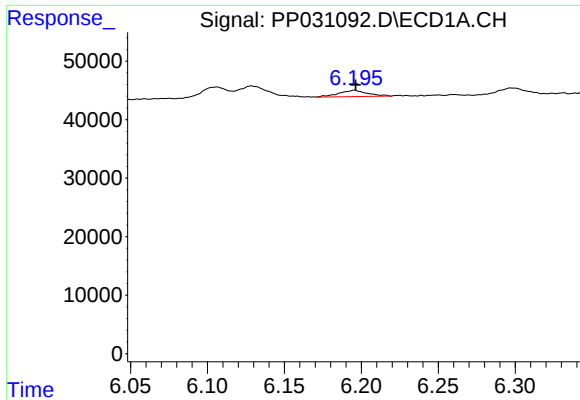
#4 AR-1016-2

R.T.: 6.129 min
Delta R.T.: -0.001 min
Response: 28307
Conc: 9.92 ng/ml



#4 AR-1016-2

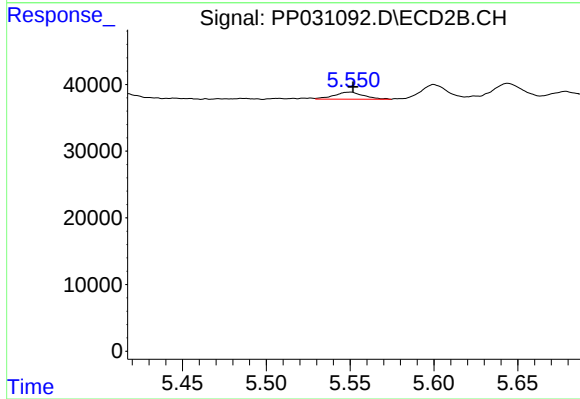
R.T.: 5.356 min
Delta R.T.: -0.003 min
Response: 19916
Conc: 7.33 ng/ml



#5 AR-1016-3

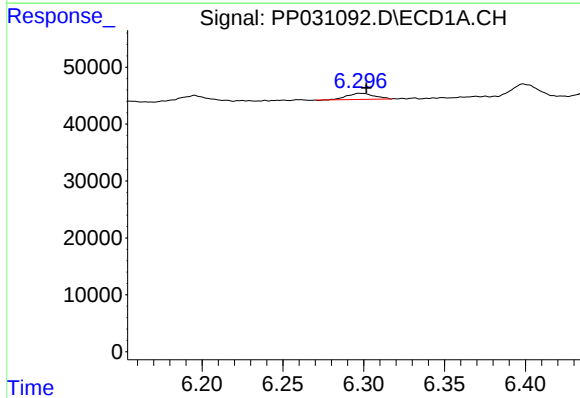
R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 14057
Conc: 8.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



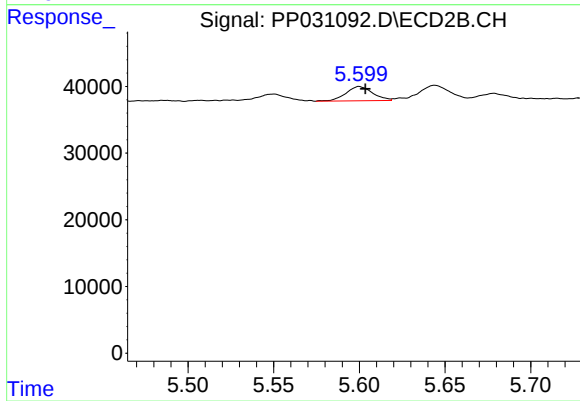
#5 AR-1016-3

R.T.: 5.550 min
Delta R.T.: -0.001 min
Response: 12919
Conc: 10.20 ng/ml



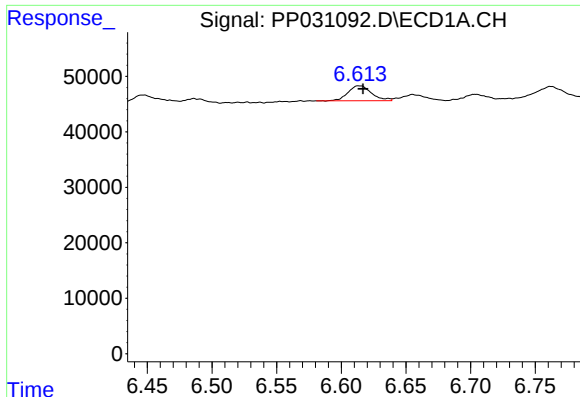
#6 AR-1016-4

R.T.: 6.298 min
Delta R.T.: -0.004 min
Response: 12604
Conc: 8.72 ng/ml



#6 AR-1016-4

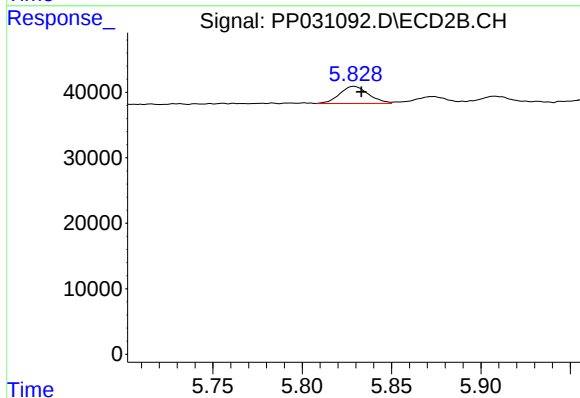
R.T.: 5.600 min
Delta R.T.: -0.004 min
Response: 23280
Conc: 25.24 ng/ml



#7 AR-1016-5

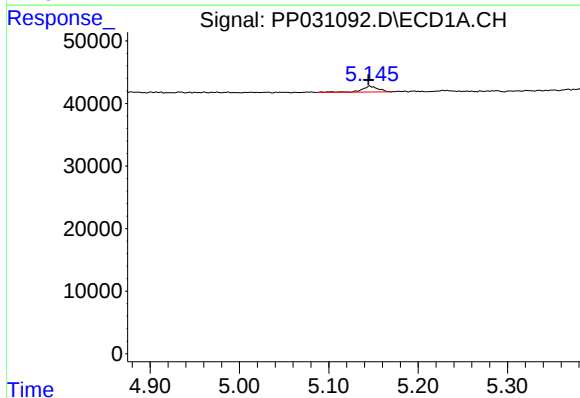
R.T.: 6.614 min
Delta R.T.: -0.003 min
Response: 34313
Conc: 27.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



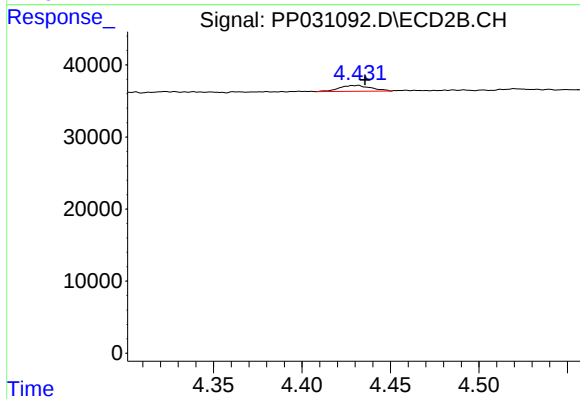
#7 AR-1016-5

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 29599
Conc: 22.55 ng/ml



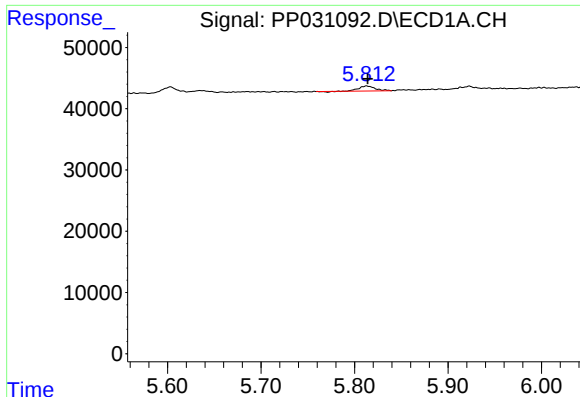
#9 AR-1221-2

R.T.: 5.146 min
Delta R.T.: 0.002 min
Response: 12447
Conc: 27.71 ng/ml



#9 AR-1221-2

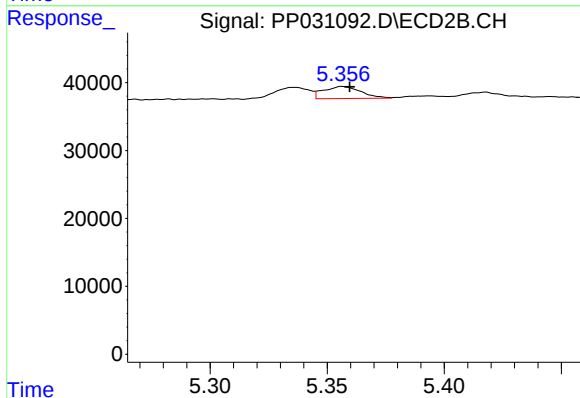
R.T.: 4.432 min
Delta R.T.: -0.004 min
Response: 10153
Conc: 24.47 ng/ml



#12 AR-1232-2

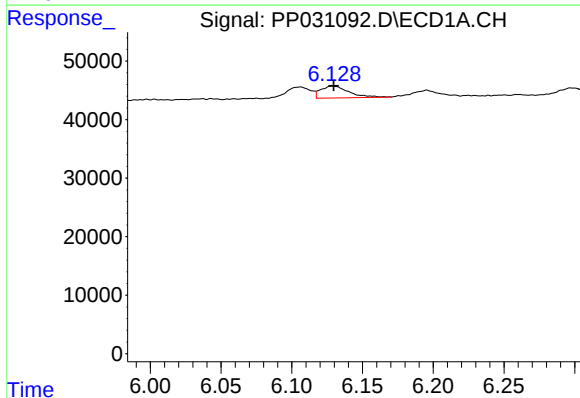
R.T.: 5.813 min
Delta R.T.: -0.001 min
Response: 9880
Conc: 16.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



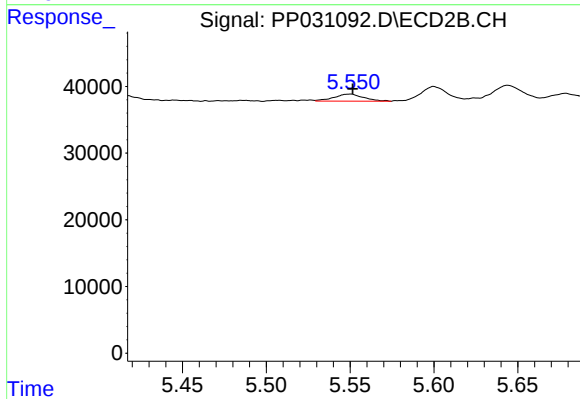
#12 AR-1232-2

R.T.: 5.356 min
Delta R.T.: -0.003 min
Response: 19916
Conc: 18.74 ng/ml



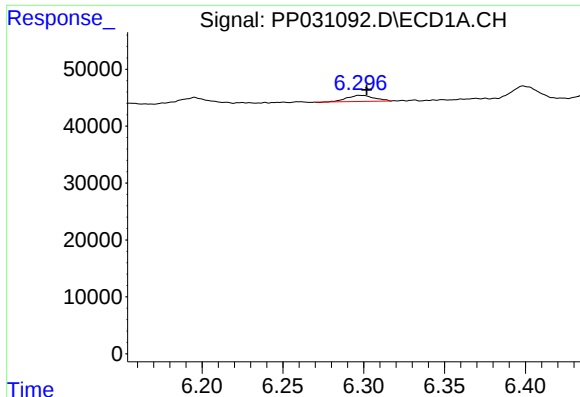
#13 AR-1232-3

R.T.: 6.129 min
Delta R.T.: -0.001 min
Response: 28307
Conc: 25.34 ng/ml



#13 AR-1232-3

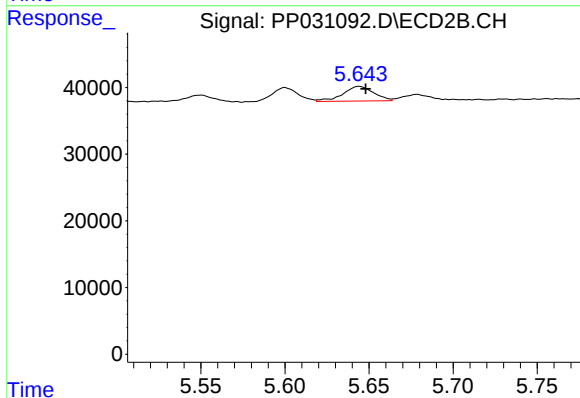
R.T.: 5.550 min
Delta R.T.: -0.001 min
Response: 12919
Conc: 25.20 ng/ml



#14 AR-1232-4

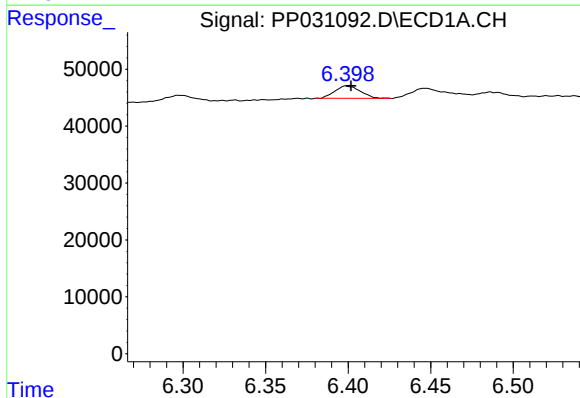
R.T.: 6.298 min
Delta R.T.: -0.004 min
Response: 12604
Conc: 22.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



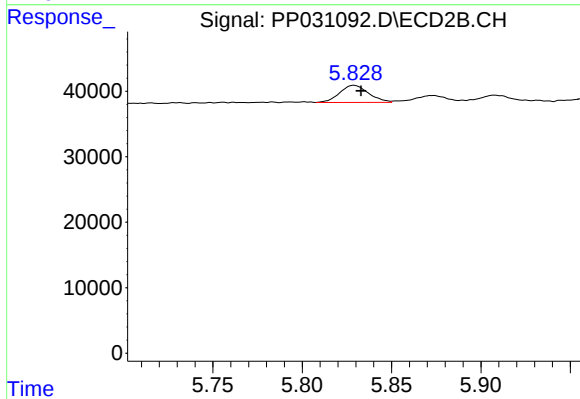
#14 AR-1232-4

R.T.: 5.644 min
Delta R.T.: -0.004 min
Response: 28026
Conc: 64.17 ng/ml



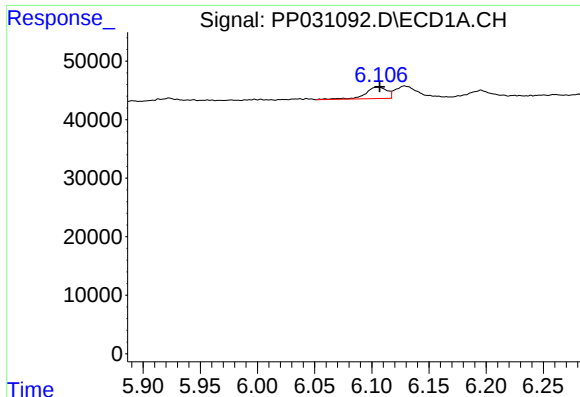
#15 AR-1232-5

R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 23573
Conc: 68.03 ng/ml



#15 AR-1232-5

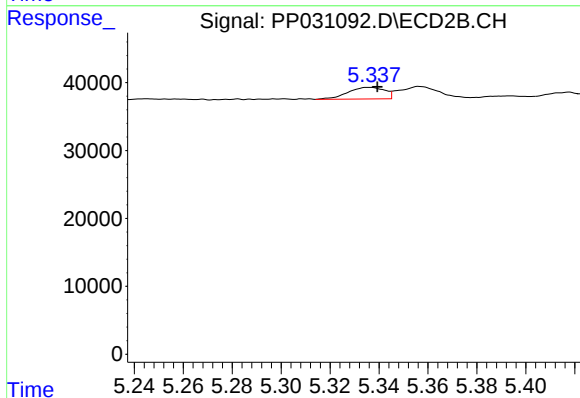
R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 29599
Conc: 61.29 ng/ml



#16 AR-1242-1

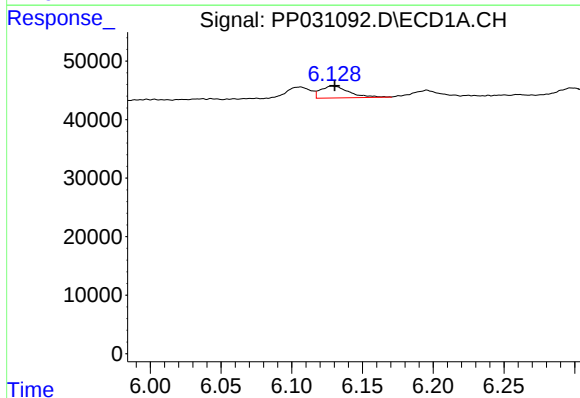
R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 25888
Conc: 19.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



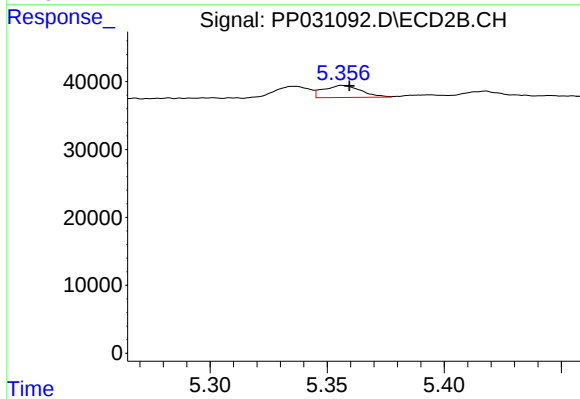
#16 AR-1242-1

R.T.: 5.336 min
Delta R.T.: -0.003 min
Response: 17825
Conc: 13.85 ng/ml



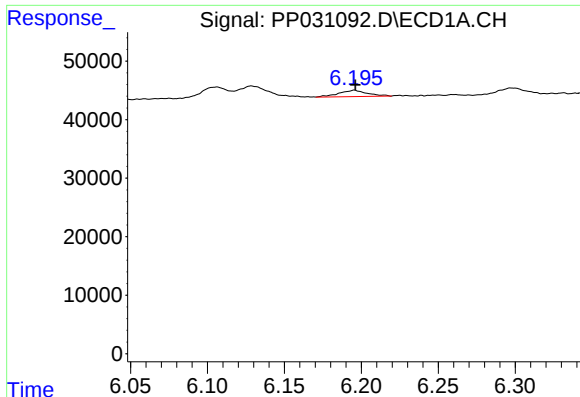
#17 AR-1242-2

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 28307
Conc: 14.49 ng/ml



#17 AR-1242-2

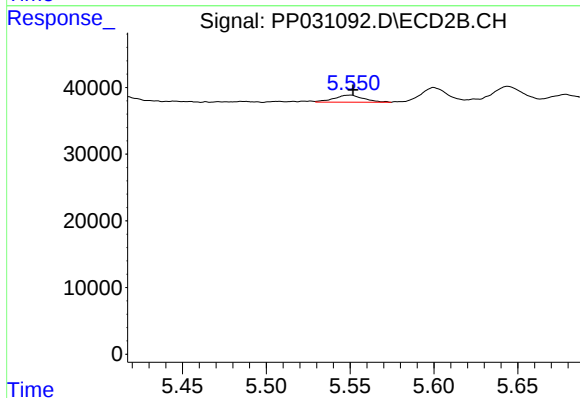
R.T.: 5.356 min
Delta R.T.: -0.003 min
Response: 19916
Conc: 10.67 ng/ml



#18 AR-1242-3

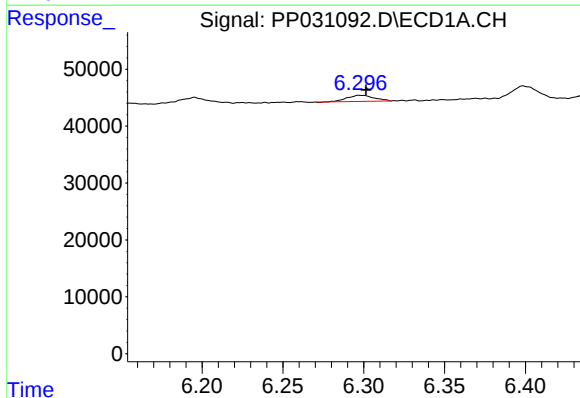
R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 14057
Conc: 11.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



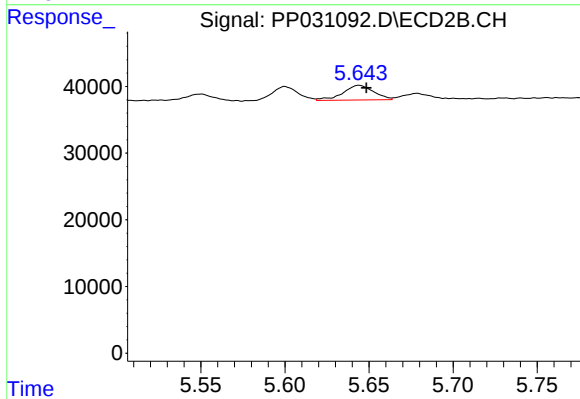
#18 AR-1242-3

R.T.: 5.550 min
Delta R.T.: -0.001 min
Response: 12919
Conc: 13.76 ng/ml



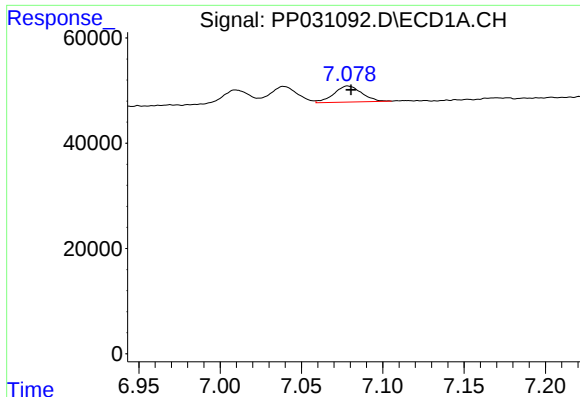
#19 AR-1242-4

R.T.: 6.298 min
Delta R.T.: -0.003 min
Response: 12604
Conc: 12.44 ng/ml



#19 AR-1242-4

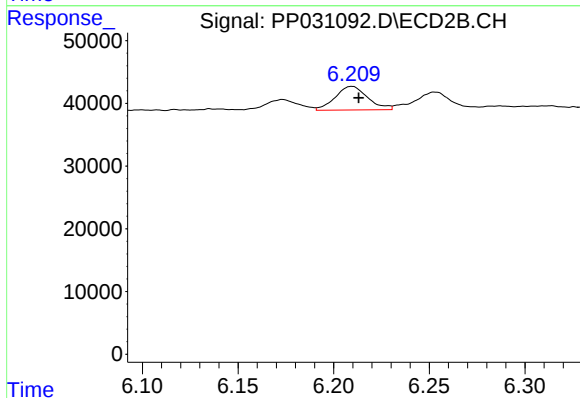
R.T.: 5.644 min
Delta R.T.: -0.004 min
Response: 28026
Conc: 32.32 ng/ml



#20 AR-1242-5

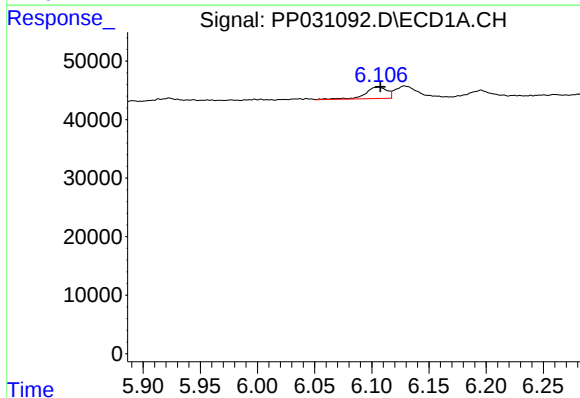
R.T.: 7.079 min
Delta R.T.: -0.002 min
Response: 36468
Conc: 38.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



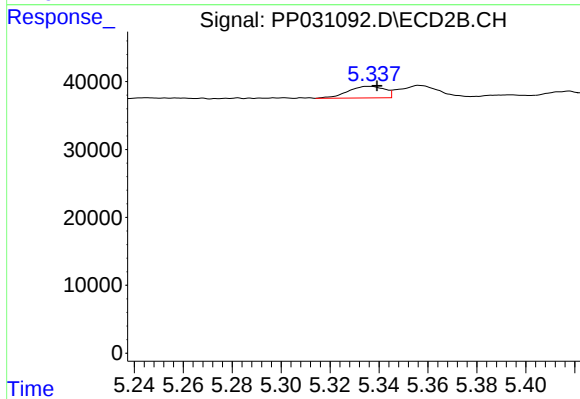
#20 AR-1242-5

R.T.: 6.210 min
Delta R.T.: -0.003 min
Response: 44465
Conc: 44.67 ng/ml



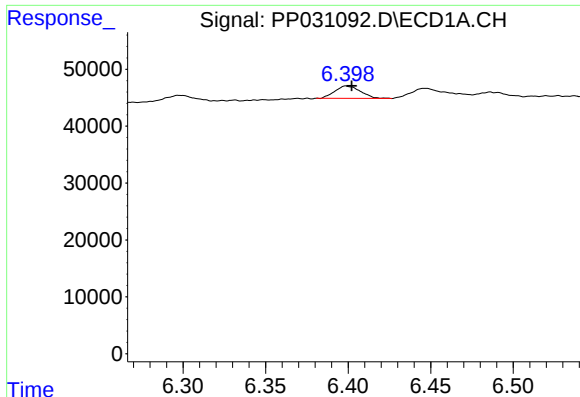
#21 AR-1248-1

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 25888
Conc: 26.85 ng/ml



#21 AR-1248-1

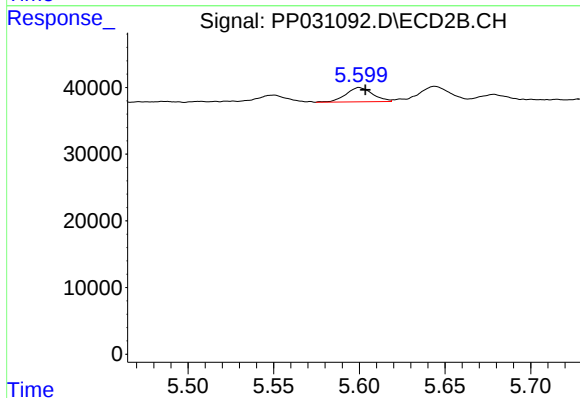
R.T.: 5.336 min
Delta R.T.: -0.003 min
Response: 17825
Conc: 19.26 ng/ml



#22 AR-1248-2

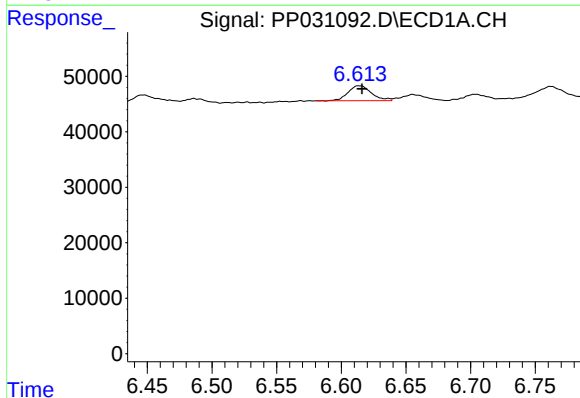
R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 23573
Conc: 20.38 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



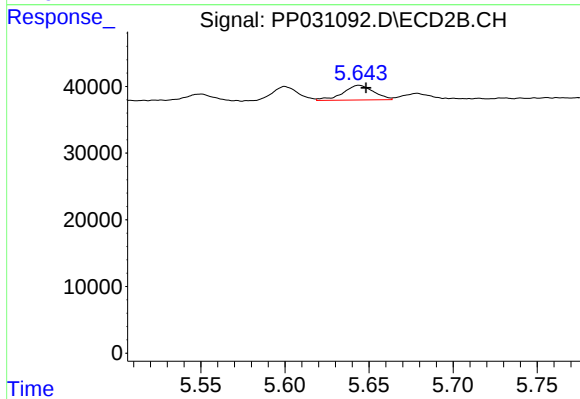
#22 AR-1248-2

R.T.: 5.600 min
Delta R.T.: -0.004 min
Response: 23280
Conc: 21.12 ng/ml



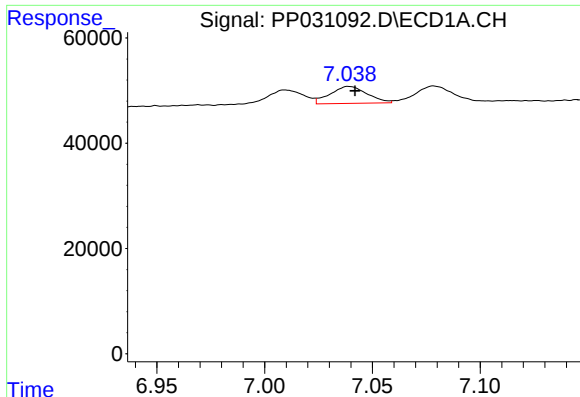
#23 AR-1248-3

R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 34313
Conc: 24.12 ng/ml



#23 AR-1248-3

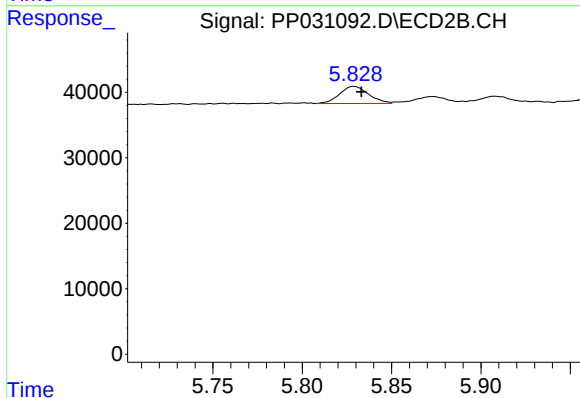
R.T.: 5.644 min
Delta R.T.: -0.004 min
Response: 28026
Conc: 23.15 ng/ml



#24 AR-1248-4

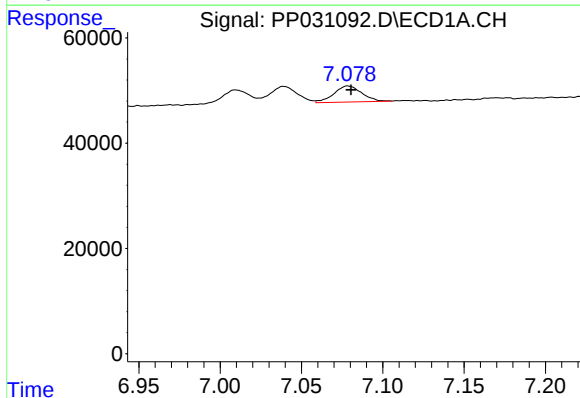
R.T.: 7.039 min
Delta R.T.: -0.003 min
Response: 38364
Conc: 25.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



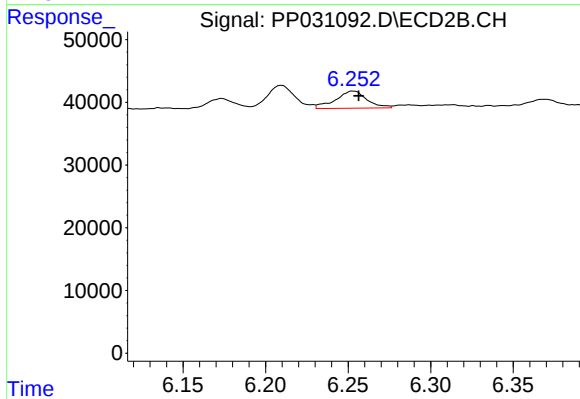
#24 AR-1248-4

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 29599
Conc: 20.06 ng/ml



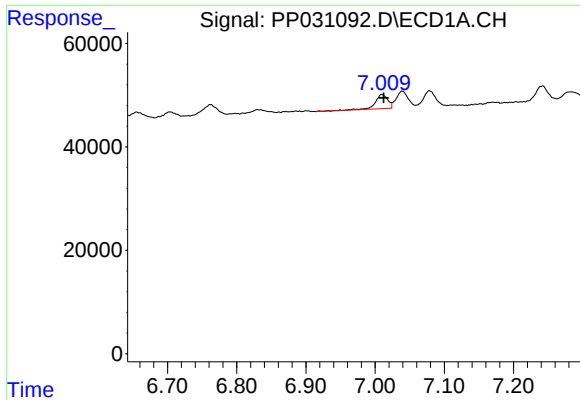
#25 AR-1248-5

R.T.: 7.079 min
Delta R.T.: -0.002 min
Response: 36468
Conc: 24.04 ng/ml



#25 AR-1248-5

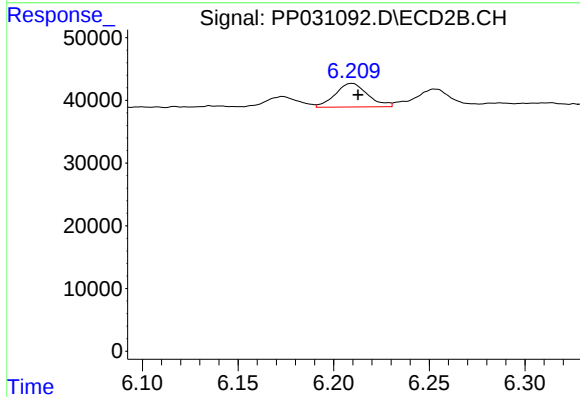
R.T.: 6.253 min
Delta R.T.: -0.004 min
Response: 35958
Conc: 28.47 ng/ml



#26 AR-1254-1

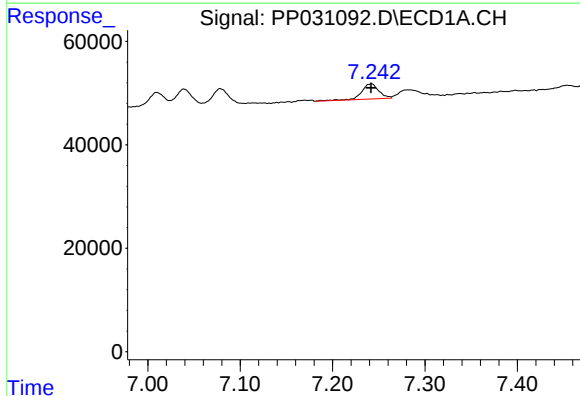
R.T.: 7.010 min
Delta R.T.: -0.003 min
Response: 34560
Conc: 24.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



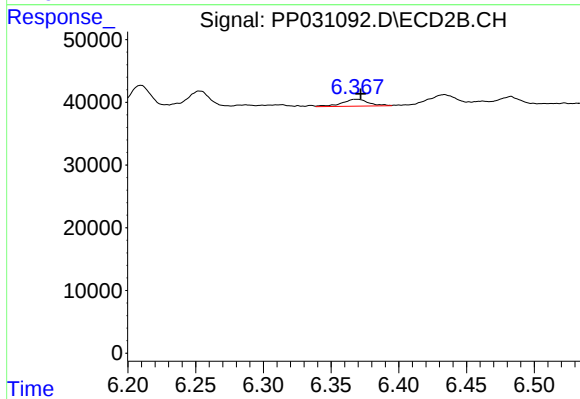
#26 AR-1254-1

R.T.: 6.210 min
Delta R.T.: -0.003 min
Response: 44465
Conc: 22.61 ng/ml



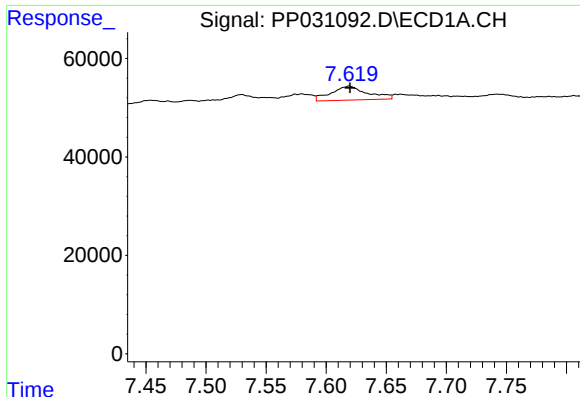
#27 AR-1254-2

R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 37268
Conc: 17.88 ng/ml



#27 AR-1254-2

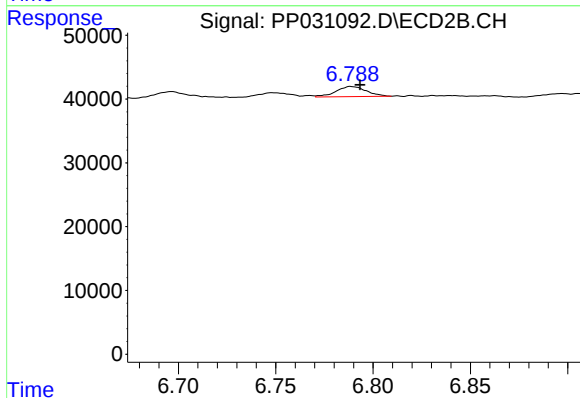
R.T.: 6.368 min
Delta R.T.: -0.004 min
Response: 14970
Conc: 9.11 ng/ml



#28 AR-1254-3

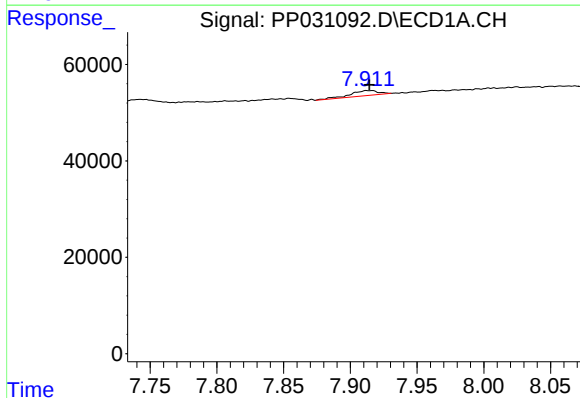
R.T.: 7.619 min
Delta R.T.: 0.000 min
Response: 59608
Conc: 25.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



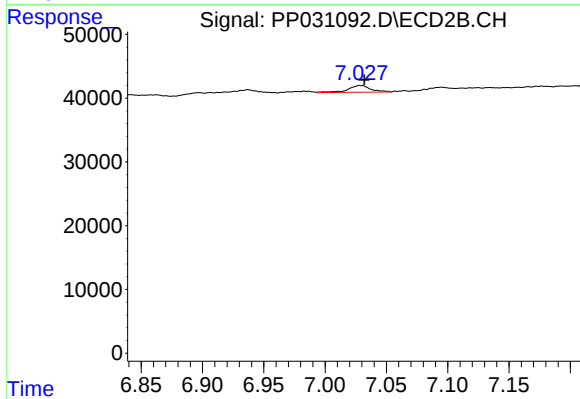
#28 AR-1254-3

R.T.: 6.789 min
Delta R.T.: -0.005 min
Response: 17008
Conc: 6.21 ng/ml



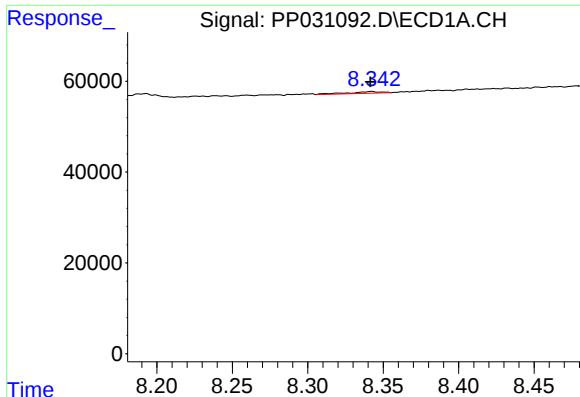
#29 AR-1254-4

R.T.: 7.916 min
Delta R.T.: 0.001 min
Response: 15296
Conc: 9.34 ng/ml



#29 AR-1254-4

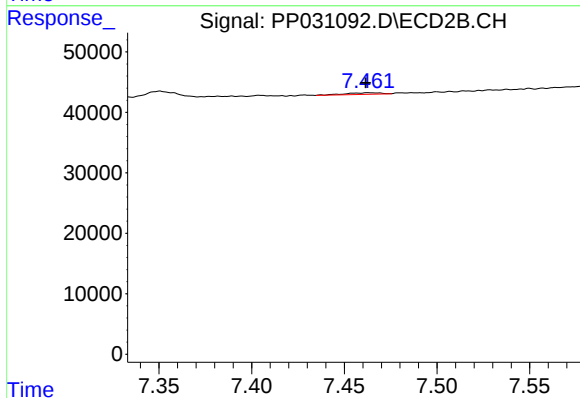
R.T.: 7.028 min
Delta R.T.: -0.004 min
Response: 13936
Conc: 8.64 ng/ml



#30 AR-1254-5

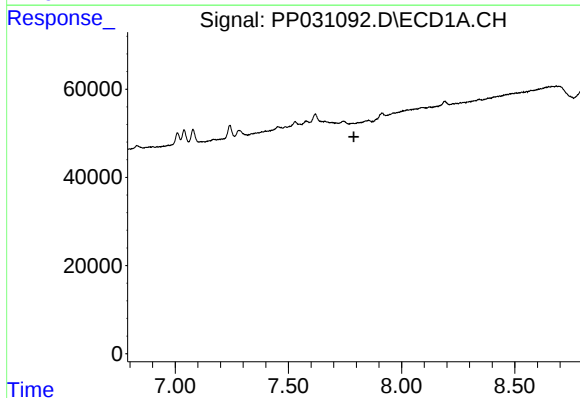
R.T.: 8.342 min
Delta R.T.: 0.000 min
Response: 5865
Conc: 3.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



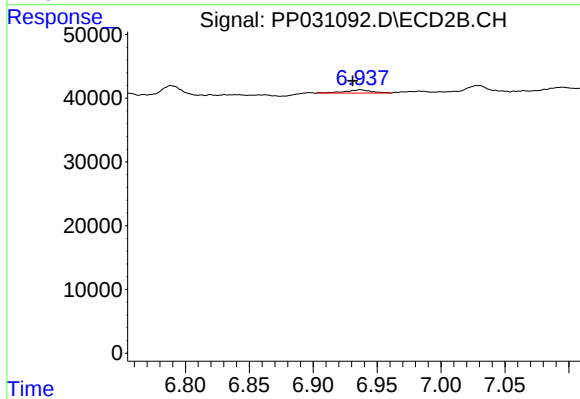
#30 AR-1254-5

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 3392
Conc: 1.55 ng/ml



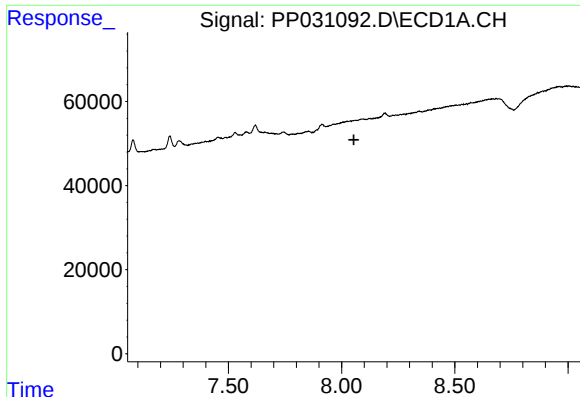
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 7.789 min
Response: 0
Conc: N.D.



#31 AR-1260-1

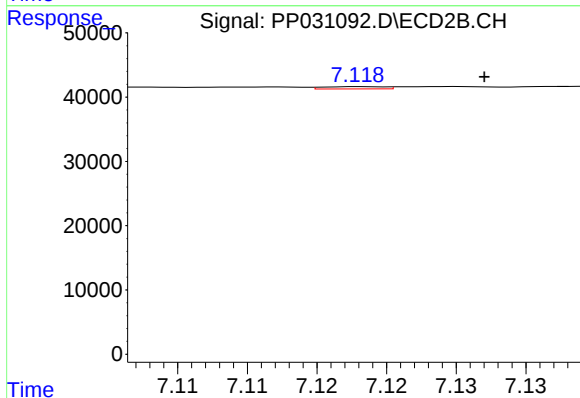
R.T.: 6.937 min
Delta R.T.: 0.006 min
Response: 7036
Conc: 3.51 ng/ml



#32 AR-1260-2

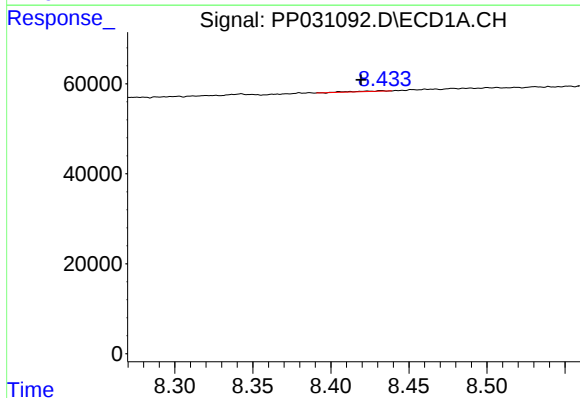
R.T.: 0.000 min
Exp R.T.: 8.054 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



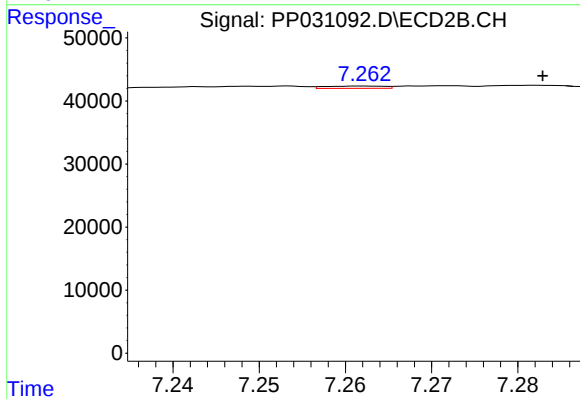
#32 AR-1260-2

R.T.: 7.118 min
Delta R.T.: -0.009 min
Response: 1057
Conc: 0.45 ng/ml



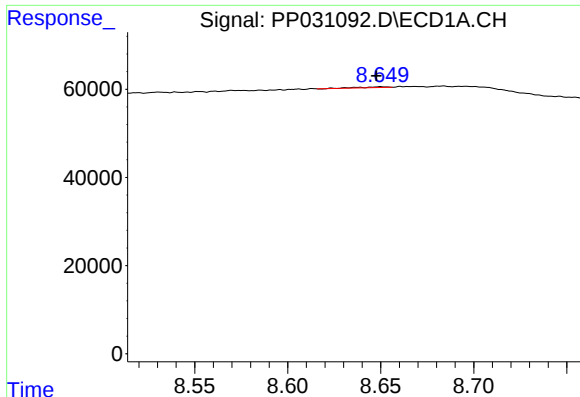
#33 AR-1260-3

R.T.: 8.432 min
Delta R.T.: 0.013 min
Response: 1956
Conc: 1.19 ng/ml



#33 AR-1260-3

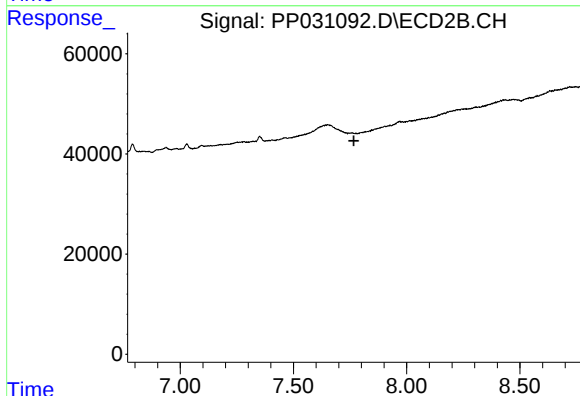
R.T.: 7.262 min
Delta R.T.: -0.021 min
Response: 1749
Conc: 0.77 ng/ml



#34 AR-1260-4

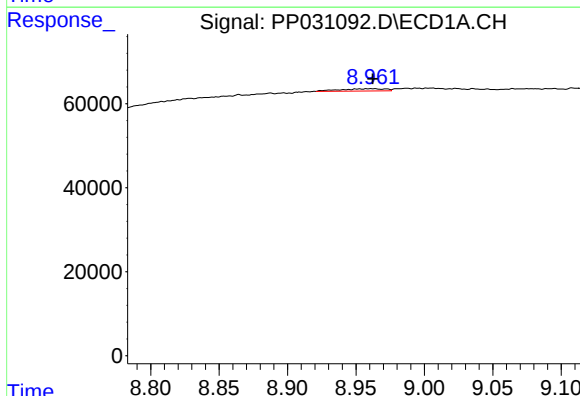
R.T.: 8.650 min
Delta R.T.: 0.002 min
Response: 1753
Conc: 0.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



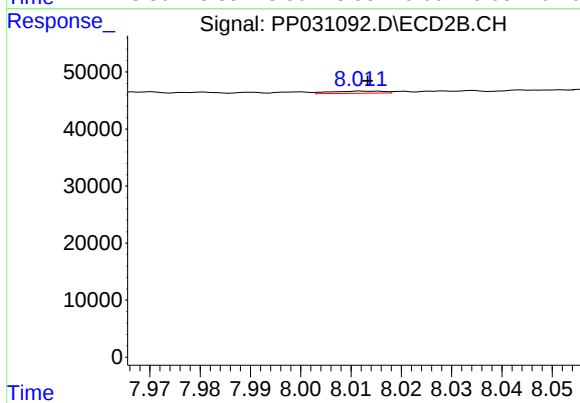
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 7.767 min
Response: 0
Conc: N.D.



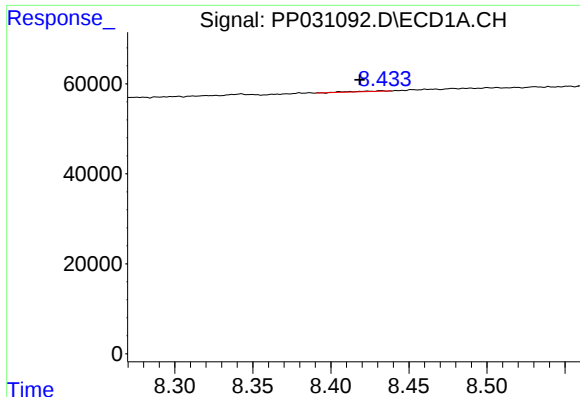
#35 AR-1260-5

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 11970
Conc: 3.17 ng/ml



#35 AR-1260-5

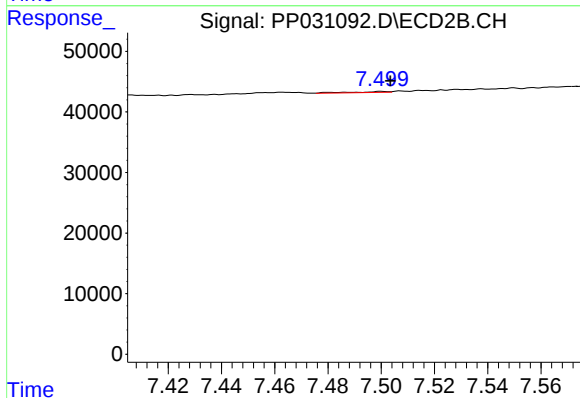
R.T.: 8.012 min
Delta R.T.: -0.001 min
Response: 2816
Conc: 0.63 ng/ml



#36 AR-1262-1

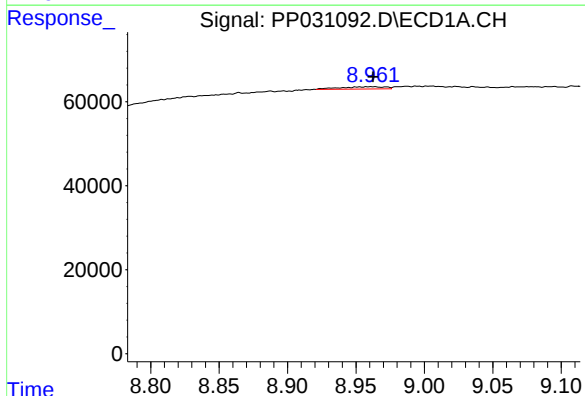
R.T.: 8.432 min
Delta R.T.: 0.014 min
Response: 1956
Conc: 0.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



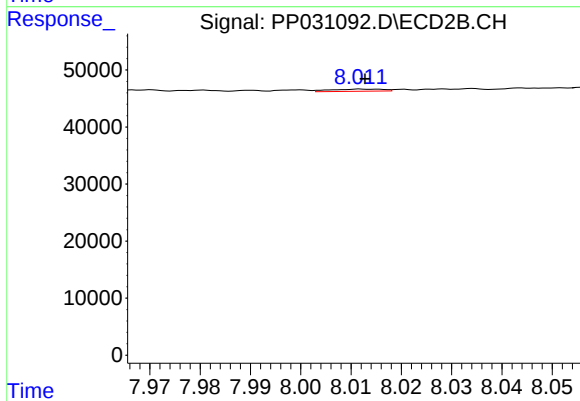
#36 AR-1262-1

R.T.: 7.500 min
Delta R.T.: -0.004 min
Response: 1504
Conc: 0.65 ng/ml



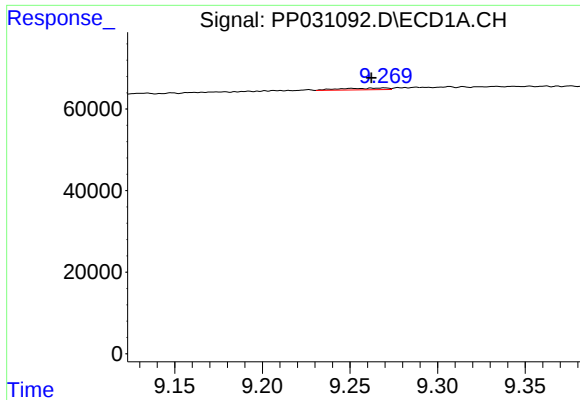
#37 AR-1262-2

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 11970
Conc: 3.29 ng/ml



#37 AR-1262-2

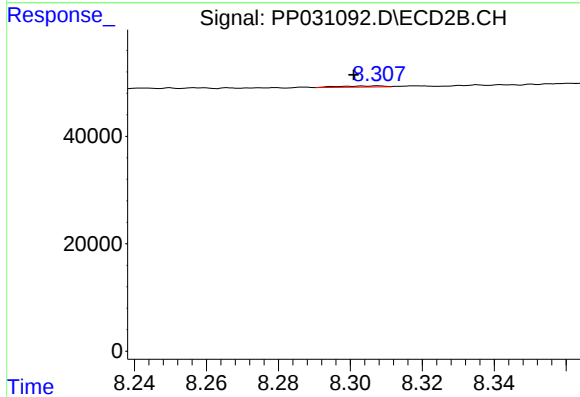
R.T.: 8.012 min
Delta R.T.: 0.000 min
Response: 2816
Conc: 0.68 ng/ml



#38 AR-1262-3

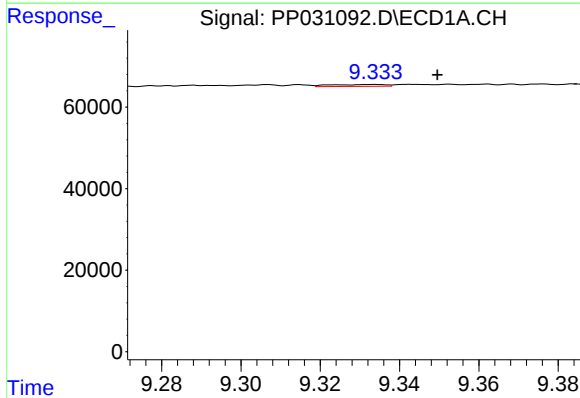
R.T.: 9.270 min
Delta R.T.: 0.008 min
Response: 7928
Conc: 3.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



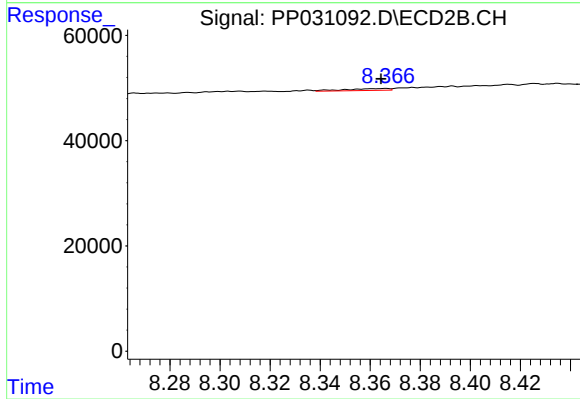
#38 AR-1262-3

R.T.: 8.308 min
Delta R.T.: 0.007 min
Response: 1972
Conc: 1.16 ng/ml



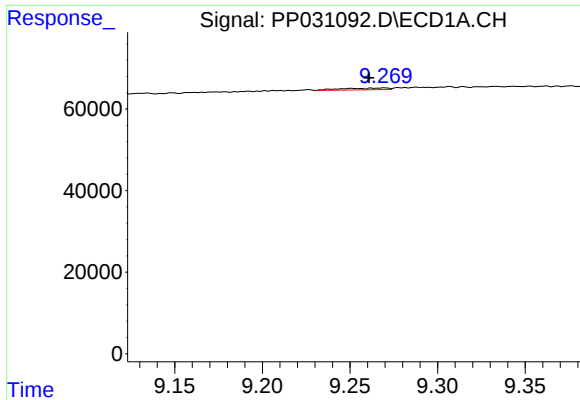
#39 AR-1262-4

R.T.: 9.333 min
Delta R.T.: -0.016 min
Response: 4506
Conc: 2.19 ng/ml



#39 AR-1262-4

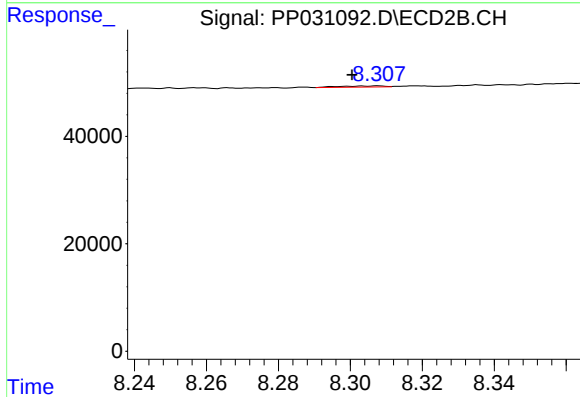
R.T.: 8.366 min
Delta R.T.: 0.002 min
Response: 4200
Conc: 1.32 ng/ml



#41 AR-1268-1

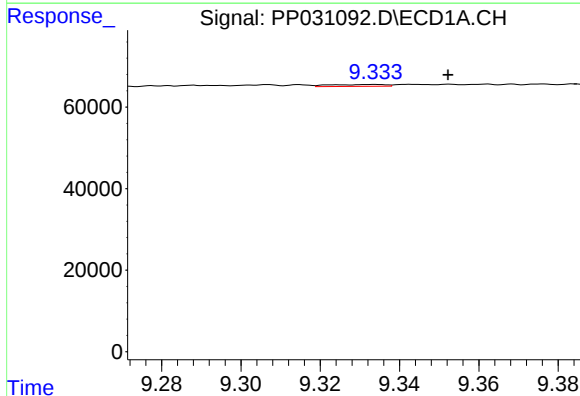
R.T.: 9.270 min
Delta R.T.: 0.009 min
Response: 7928
Conc: 1.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



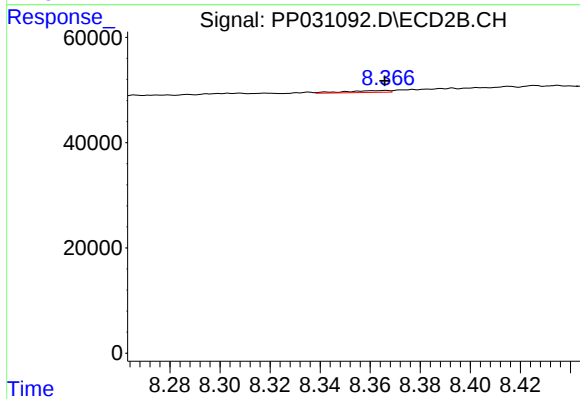
#41 AR-1268-1

R.T.: 8.308 min
Delta R.T.: 0.007 min
Response: 1972
Conc: 0.40 ng/ml



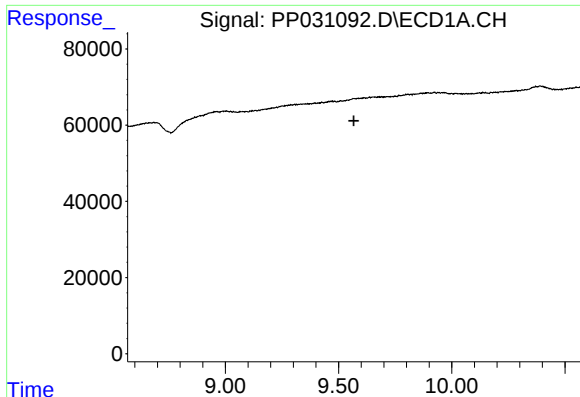
#42 AR-1268-2

R.T.: 9.333 min
Delta R.T.: -0.019 min
Response: 4506
Conc: 1.05 ng/ml



#42 AR-1268-2

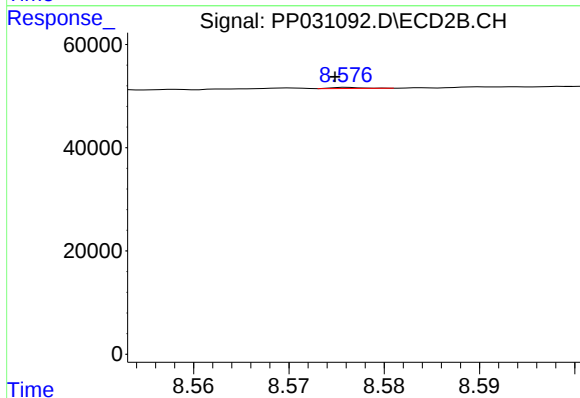
R.T.: 8.366 min
Delta R.T.: 0.000 min
Response: 4200
Conc: 0.88 ng/ml



#43 AR-1268-3

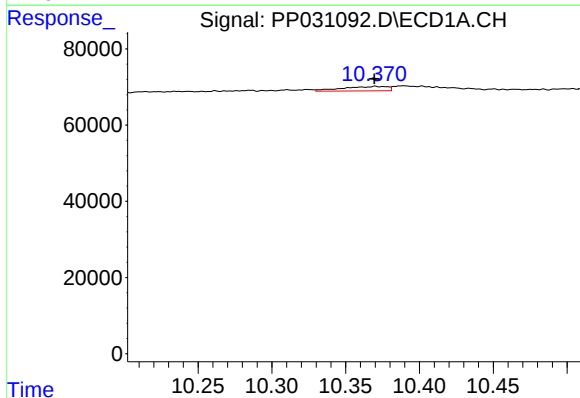
R.T.: 0.000 min
Exp R.T.: 9.568 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2020



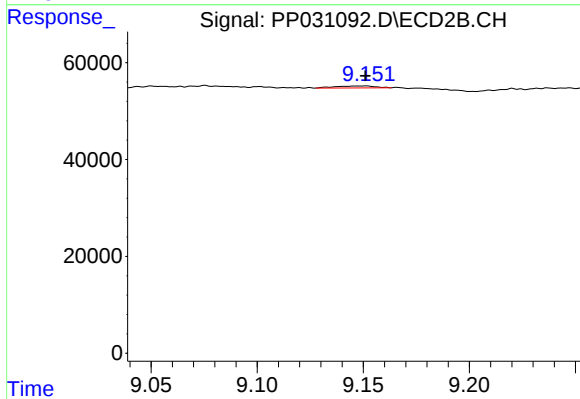
#43 AR-1268-3

R.T.: 8.576 min
Delta R.T.: 0.001 min
Response: 427
Conc: 0.11 ng/ml



#45 AR-1268-5

R.T.: 10.370 min
Delta R.T.: 0.000 min
Response: 24754
Conc: 2.07 ng/ml



#45 AR-1268-5

R.T.: 9.152 min
Delta R.T.: 0.000 min
Response: 5394
Conc: 0.40 ng/ml