

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072921\
 Data File : PP037846.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 30 Jul 2021 5:38
 Operator : DD\AJ
 Sample : M2940-03
 Misc : AR1660 MDL 25 PPB
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 08:43:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070621.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 07 08:32:32 2021
 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...	4.953	3.945	988613	556293	21.752	20.329
2)	SA Decachlor...	10.982	9.235	1007257	552968	21.880	19.866
Target Compounds							
3)	L1 AR-1016-1	6.274	5.194	56698	27461	32.628	26.573
4)	L1 AR-1016-2	6.298	5.214	82757	42324	33.102	29.561
5)	L1 AR-1016-3	6.362	5.403	57328	22049	35.994	28.220
6)	L1 AR-1016-4	6.471	5.458	35657	16480	27.042	27.304
7)	L1 AR-1016-5	6.786	5.684	36311	21483	28.704	27.821
9)	L2 AR-1221-2	5.304	4.296	17283	10918	42.661	46.380
10)	L2 AR-1221-3	5.390	4.385	36065	16921	29.599	22.749
11)	L3 AR-1232-1	5.390	4.385	36065	16921	32.458	24.921
12)	L3 AR-1232-2	5.979	5.214	40569	42324	68.037	67.620
13)	L3 AR-1232-3	6.298	5.403	82757	22049	75.628	66.408
14)	L3 AR-1232-4	6.471	5.502	35657	27453	61.417	99.572 #
15)	L3 AR-1232-5	6.568	5.684	32802	21483	85.291	72.268
16)	L4 AR-1242-1	6.274	5.194	56698	27461	44.480	36.435
17)	L4 AR-1242-2	6.298	5.214	82757	42324	45.643	41.133
18)	L4 AR-1242-3	6.362	5.403	57328	22049	49.843	38.721
19)	L4 AR-1242-4	6.471	5.502	35657	27453	37.247	53.268 #
20)	L4 AR-1242-5	0.000	6.064	0	17324	N.D.	25.452 #
21)	L5 AR-1248-1	6.274	5.194	56698	27461	54.020	43.515
22)	L5 AR-1248-2	6.568	5.458	32802	16480	22.095	20.092
23)	L5 AR-1248-3	6.786	5.502	36311	27453	21.983	32.080 #
24)	L5 AR-1248-4	0.000	5.684	0	21483	N.D.	21.110 #
25)	L5 AR-1248-5	0.000	6.087f	0	11391	N.D.	10.739 #
26)	L6 AR-1254-1	7.186	6.064	31543	17324	17.558	11.670 #
27)	L6 AR-1254-2	7.411	6.223	27679	16896	9.951	13.007 #
28)	L6 AR-1254-3	7.812	6.663	43115	24509	13.985	11.485
29)	L6 AR-1254-4	8.090	0.000	9991	0	4.399	N.D. #
30)	L6 AR-1254-5	8.519	7.311	98665	49796	39.428	26.563 #
31)	L7 AR-1260-1	7.962	6.781	68754	36987	31.232	26.767
32)	L7 AR-1260-2	8.227	6.980	87157	44783	31.331	26.657
33)	L7 AR-1260-3	8.592	7.133	65708	43100	32.510	25.154
34)	L7 AR-1260-4	8.824	7.616	92074	32607	37.431	23.984 #
35)	L7 AR-1260-5	9.152	7.866	141692	80805	30.706	25.052
36)	L8 AR-1262-1	8.592	7.311	65708	49796	22.561	47.955 #
37)	L8 AR-1262-2	9.152	7.866	141692	80805	26.980	23.229
38)	L8 AR-1262-3	9.463	8.152	33623	46993	8.775	33.377 #
39)	L8 AR-1262-4	9.555	8.215	28707	66449	9.770	24.953 #
40)	L8 AR-1262-5	10.228	8.715	43632	22202	20.520	17.565
41)	L9 AR-1268-1	9.463	8.152	33623	46993	5.537	11.792 #
42)	L9 AR-1268-2	9.555	8.215	28707	66449	4.995	17.954 #

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 Misc : AR1660 MDL 25 PPB
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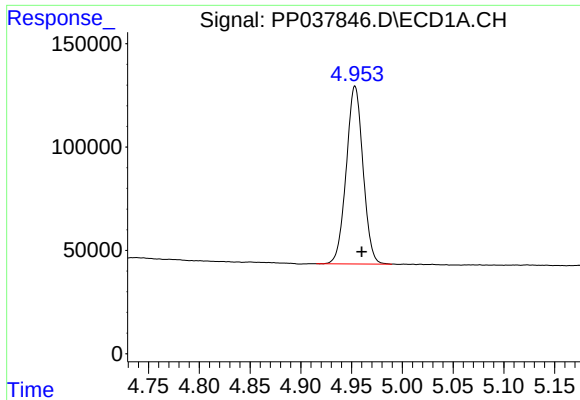
Instrument :
 ECD_Q
 ClientSampleId :
 MDL-SOIL-03-QT3-2021

Integration File signal 1: autoint1.e
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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
44) L9	AR-1268-4	10.228	8.715	43632	22202	19.072	16.200
45) L9	AR-1268-5	10.647	0.000	17758	0	1.122	N.D. #

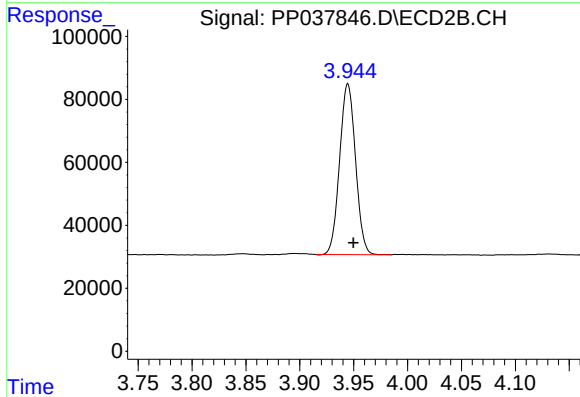
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

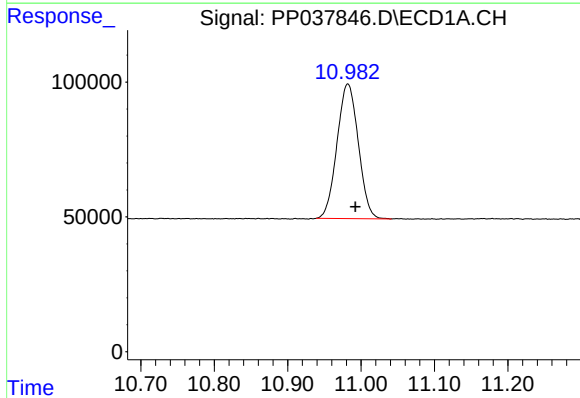
R.T.: 4.953 min
Delta R.T.: -0.007 min
Response: 988613
Conc: 21.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



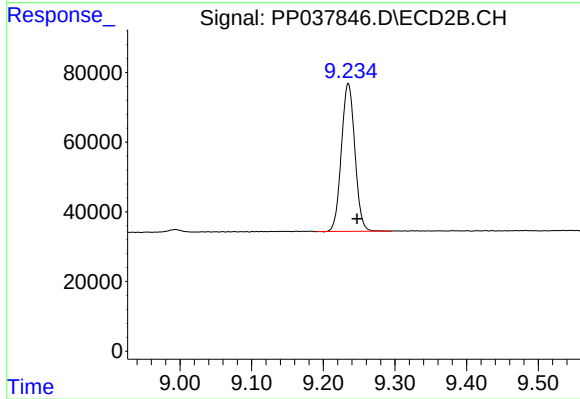
#1 Tetrachloro-m-xylene

R.T.: 3.945 min
Delta R.T.: -0.005 min
Response: 556293
Conc: 20.33 ng/ml



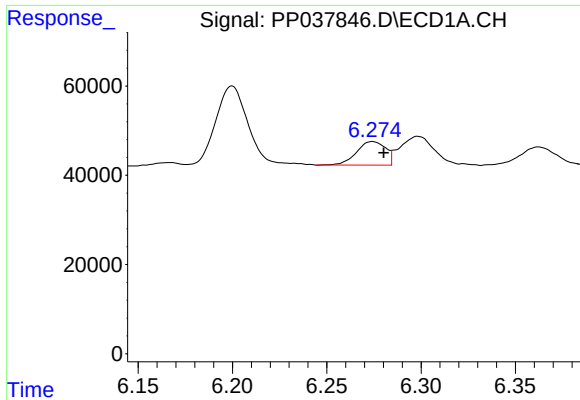
#2 Decachlorobiphenyl

R.T.: 10.982 min
Delta R.T.: -0.010 min
Response: 1007257
Conc: 21.88 ng/ml



#2 Decachlorobiphenyl

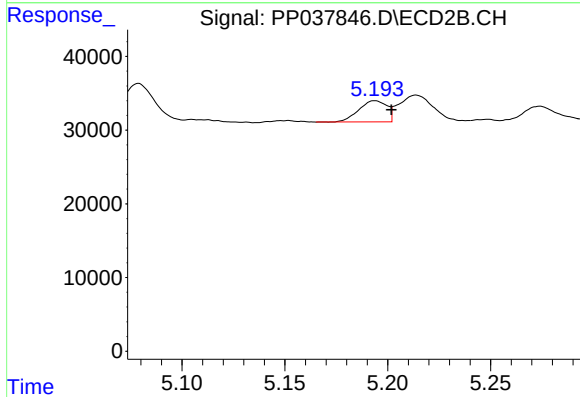
R.T.: 9.235 min
Delta R.T.: -0.012 min
Response: 552968
Conc: 19.87 ng/ml



#3 AR-1016-1

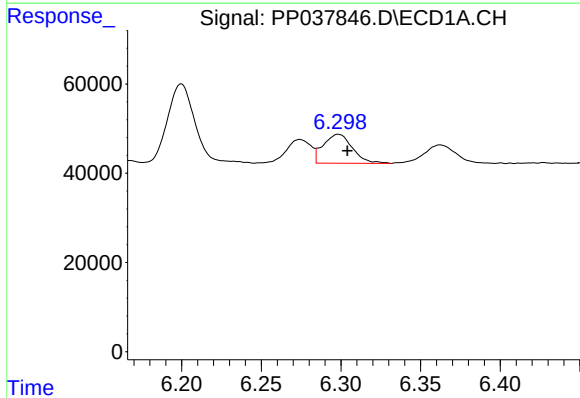
R.T.: 6.274 min
Delta R.T.: -0.006 min
Response: 56698
Conc: 32.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



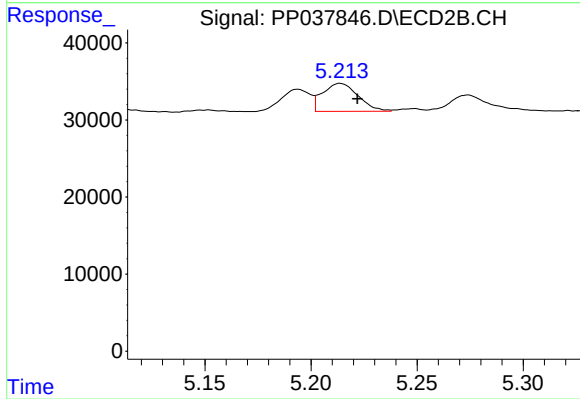
#3 AR-1016-1

R.T.: 5.194 min
Delta R.T.: -0.008 min
Response: 27461
Conc: 26.57 ng/ml



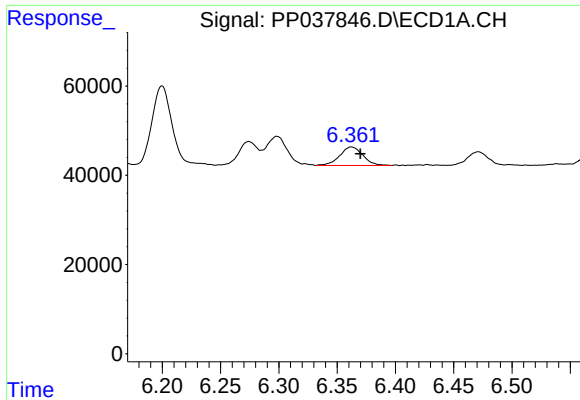
#4 AR-1016-2

R.T.: 6.298 min
Delta R.T.: -0.006 min
Response: 82757
Conc: 33.10 ng/ml



#4 AR-1016-2

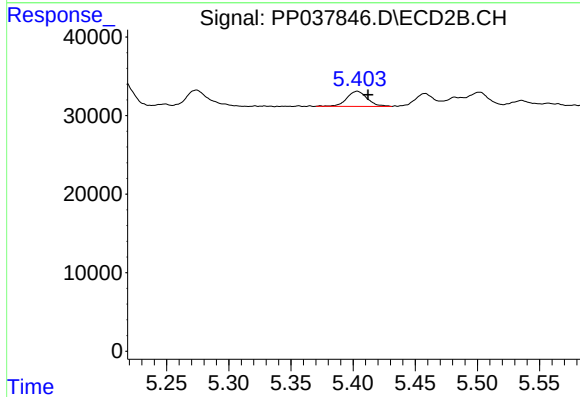
R.T.: 5.214 min
Delta R.T.: -0.008 min
Response: 42324
Conc: 29.56 ng/ml



#5 AR-1016-3

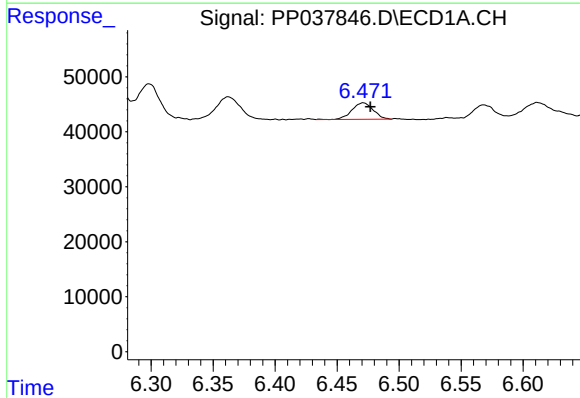
R.T.: 6.362 min
Delta R.T.: -0.008 min
Response: 57328
Conc: 35.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



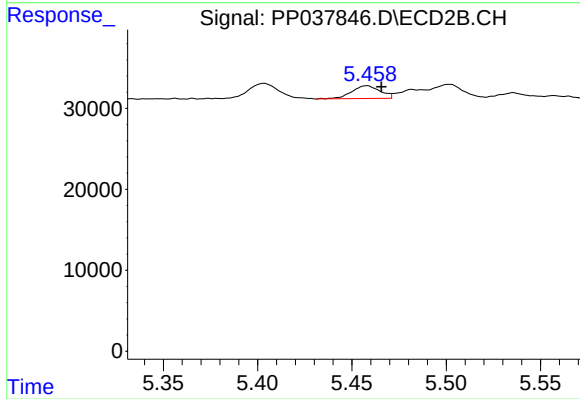
#5 AR-1016-3

R.T.: 5.403 min
Delta R.T.: -0.009 min
Response: 22049
Conc: 28.22 ng/ml



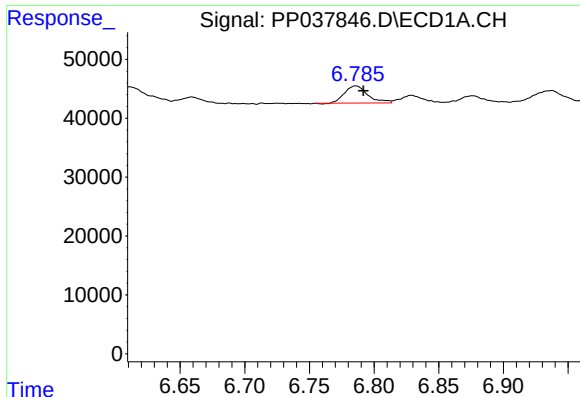
#6 AR-1016-4

R.T.: 6.471 min
Delta R.T.: -0.006 min
Response: 35657
Conc: 27.04 ng/ml



#6 AR-1016-4

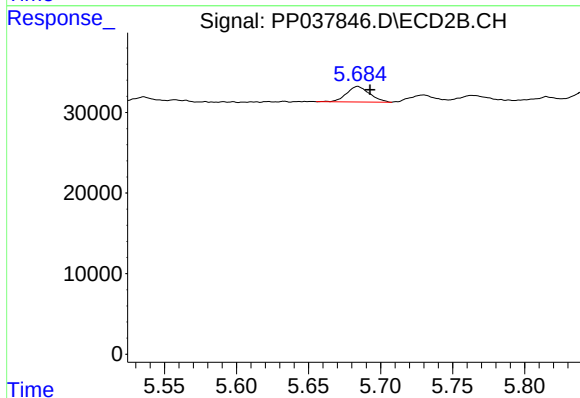
R.T.: 5.458 min
Delta R.T.: -0.008 min
Response: 16480
Conc: 27.30 ng/ml



#7 AR-1016-5

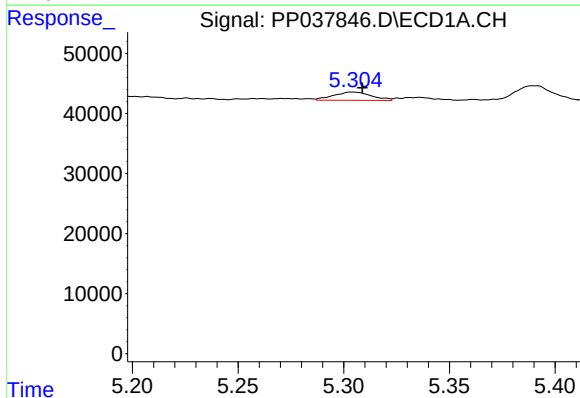
R.T.: 6.786 min
Delta R.T.: -0.006 min
Response: 36311
Conc: 28.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



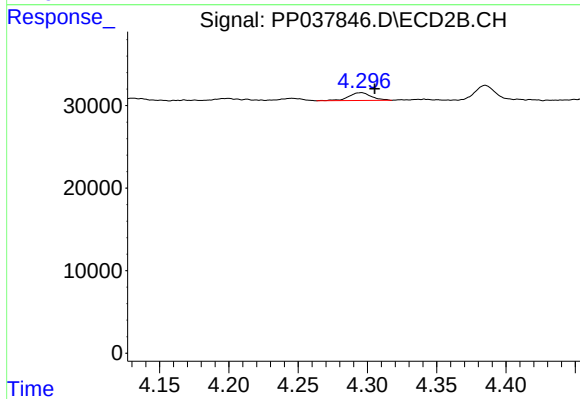
#7 AR-1016-5

R.T.: 5.684 min
Delta R.T.: -0.009 min
Response: 21483
Conc: 27.82 ng/ml



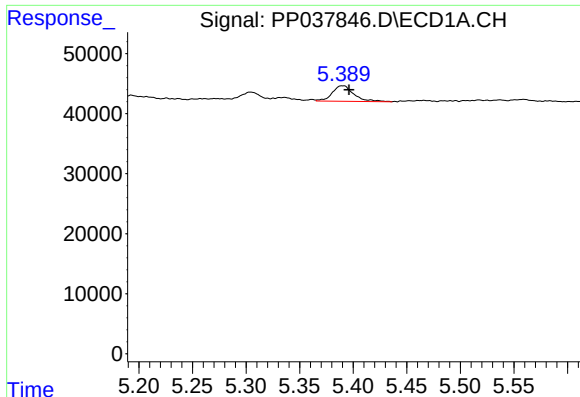
#9 AR-1221-2

R.T.: 5.304 min
Delta R.T.: -0.005 min
Response: 17283
Conc: 42.66 ng/ml



#9 AR-1221-2

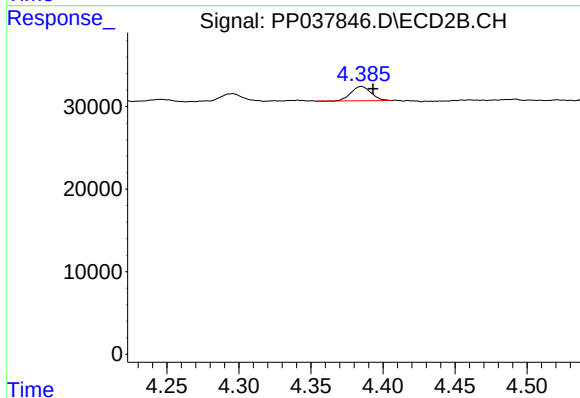
R.T.: 4.296 min
Delta R.T.: -0.009 min
Response: 10918
Conc: 46.38 ng/ml



#10 AR-1221-3

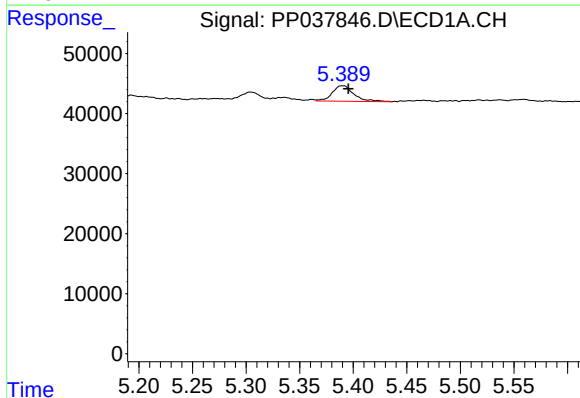
R.T.: 5.390 min
Delta R.T.: -0.006 min
Response: 36065
Conc: 29.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



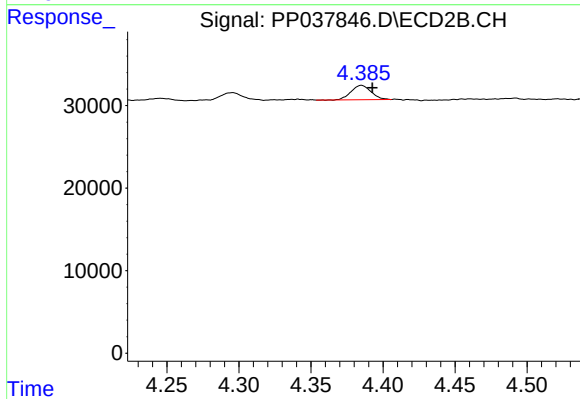
#10 AR-1221-3

R.T.: 4.385 min
Delta R.T.: -0.008 min
Response: 16921
Conc: 22.75 ng/ml



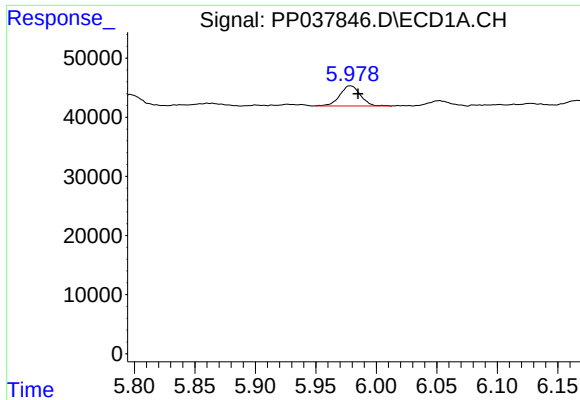
#11 AR-1232-1

R.T.: 5.390 min
Delta R.T.: -0.006 min
Response: 36065
Conc: 32.46 ng/ml



#11 AR-1232-1

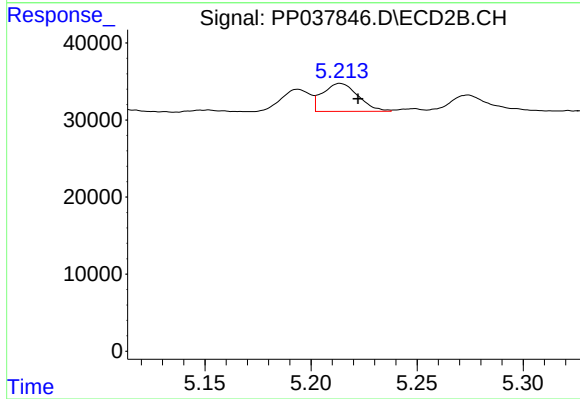
R.T.: 4.385 min
Delta R.T.: -0.008 min
Response: 16921
Conc: 24.92 ng/ml



#12 AR-1232-2

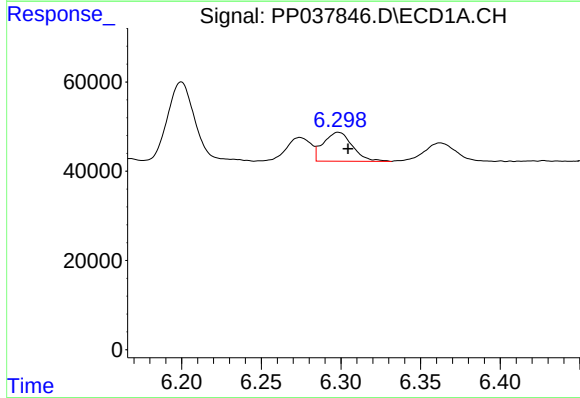
R.T.: 5.979 min
Delta R.T.: -0.007 min
Response: 40569
Conc: 68.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



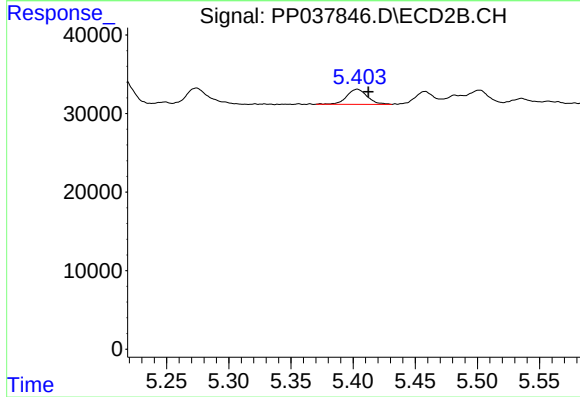
#12 AR-1232-2

R.T.: 5.214 min
Delta R.T.: -0.008 min
Response: 42324
Conc: 67.62 ng/ml



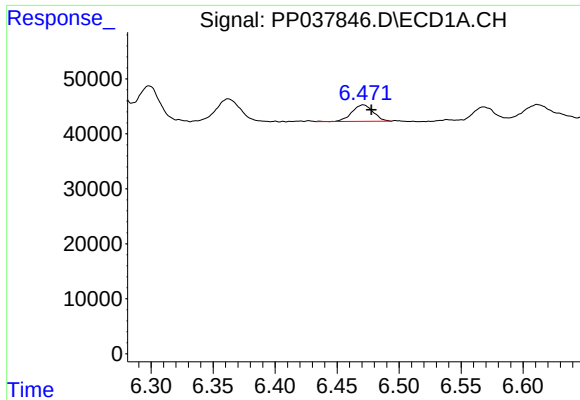
#13 AR-1232-3

R.T.: 6.298 min
Delta R.T.: -0.006 min
Response: 82757
Conc: 75.63 ng/ml



#13 AR-1232-3

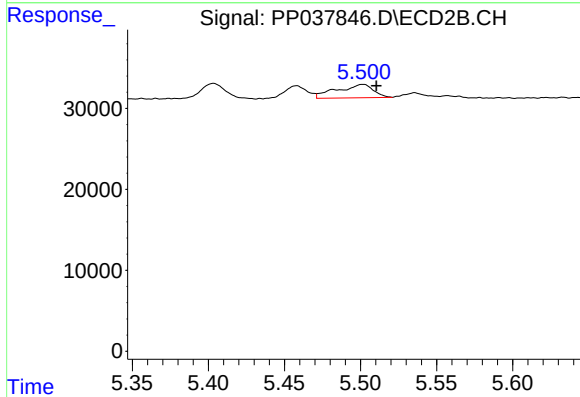
R.T.: 5.403 min
Delta R.T.: -0.009 min
Response: 22049
Conc: 66.41 ng/ml



#14 AR-1232-4

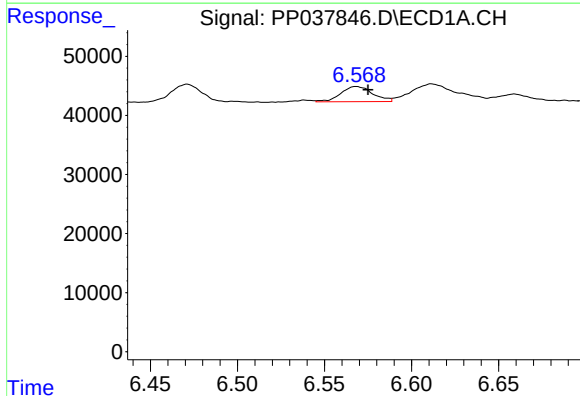
R.T.: 6.471 min
Delta R.T.: -0.006 min
Response: 35657
Conc: 61.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



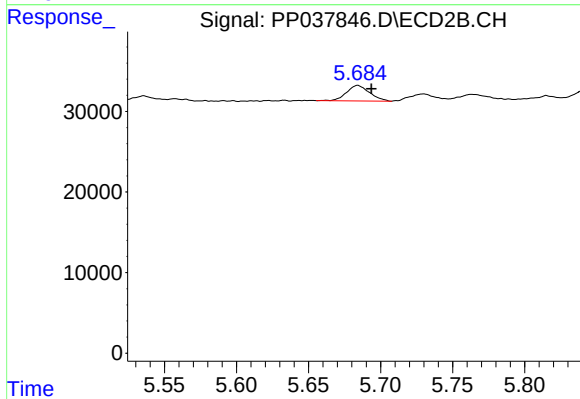
#14 AR-1232-4

R.T.: 5.502 min
Delta R.T.: -0.009 min
Response: 27453
Conc: 99.57 ng/ml



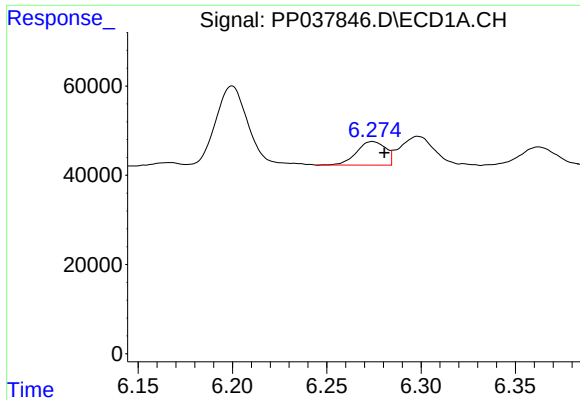
#15 AR-1232-5

R.T.: 6.568 min
Delta R.T.: -0.007 min
Response: 32802
Conc: 85.29 ng/ml



#15 AR-1232-5

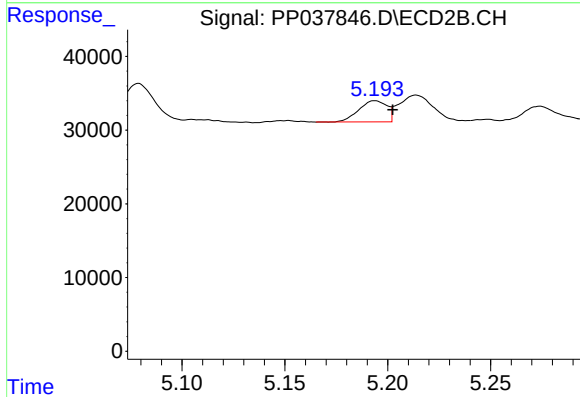
R.T.: 5.684 min
Delta R.T.: -0.009 min
Response: 21483
Conc: 72.27 ng/ml



#16 AR-1242-1

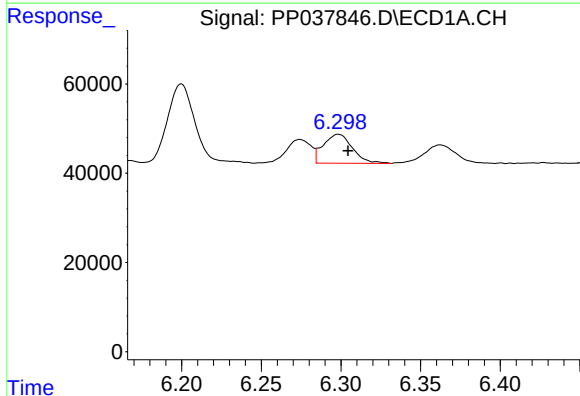
R.T.: 6.274 min
Delta R.T.: -0.006 min
Response: 56698
Conc: 44.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



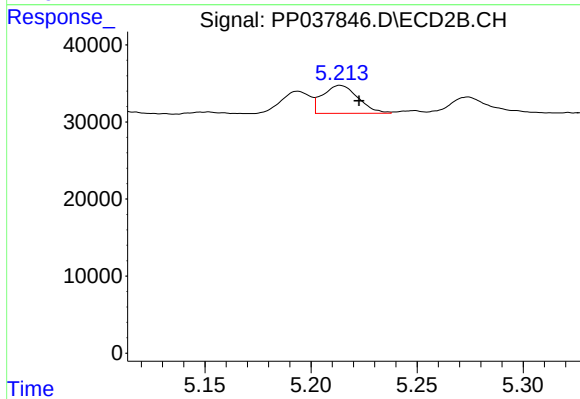
#16 AR-1242-1

R.T.: 5.194 min
Delta R.T.: -0.009 min
Response: 27461
Conc: 36.43 ng/ml



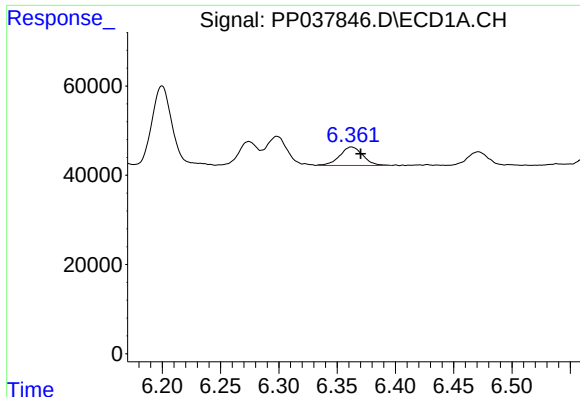
#17 AR-1242-2

R.T.: 6.298 min
Delta R.T.: -0.006 min
Response: 82757
Conc: 45.64 ng/ml



#17 AR-1242-2

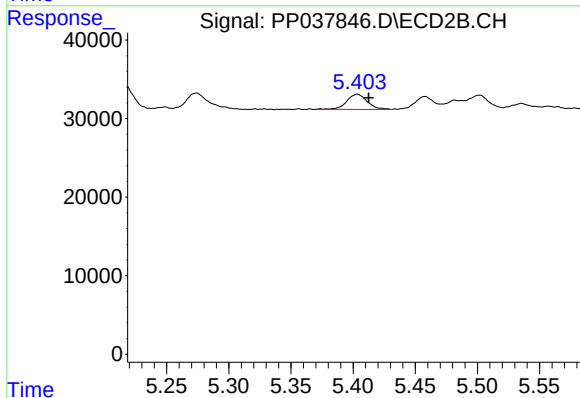
R.T.: 5.214 min
Delta R.T.: -0.009 min
Response: 42324
Conc: 41.13 ng/ml



#18 AR-1242-3

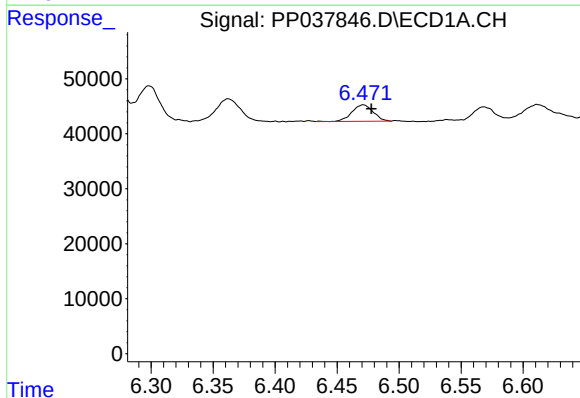
R.T.: 6.362 min
Delta R.T.: -0.008 min
Response: 57328
Conc: 49.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



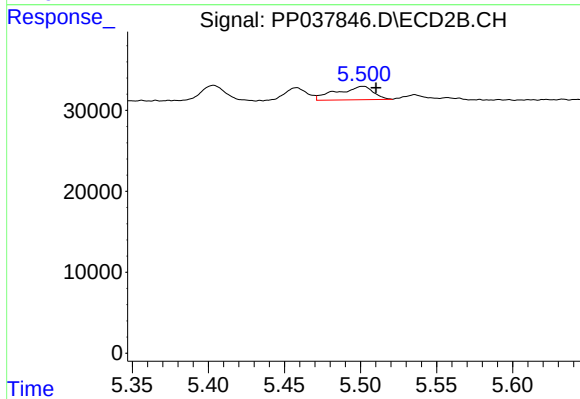
#18 AR-1242-3

R.T.: 5.403 min
Delta R.T.: -0.009 min
Response: 22049
Conc: 38.72 ng/ml



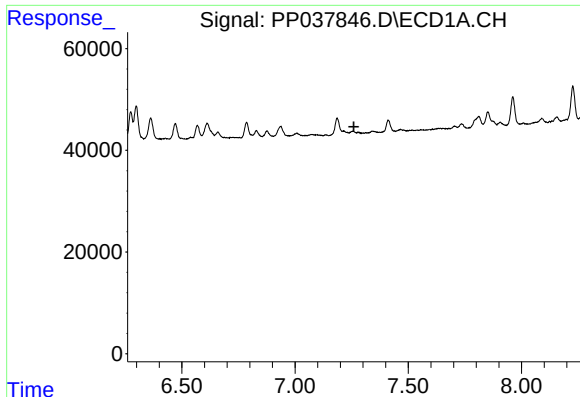
#19 AR-1242-4

R.T.: 6.471 min
Delta R.T.: -0.006 min
Response: 35657
Conc: 37.25 ng/ml



#19 AR-1242-4

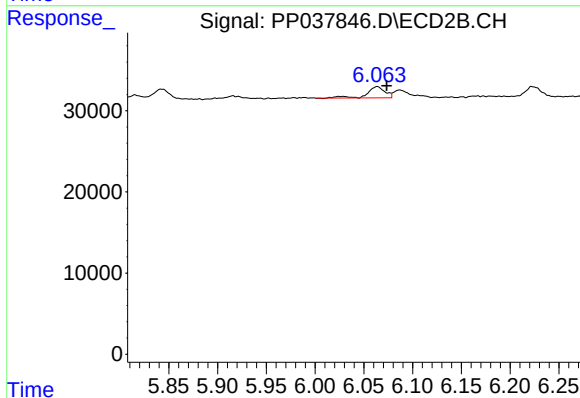
R.T.: 5.502 min
Delta R.T.: -0.009 min
Response: 27453
Conc: 53.27 ng/ml



#20 AR-1242-5

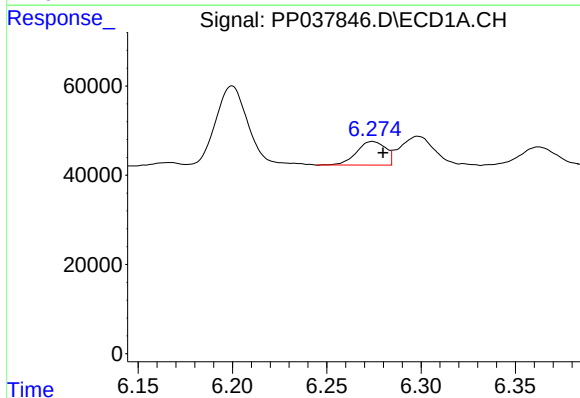
R.T.: 0.000 min
Exp R.T.: 7.260 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



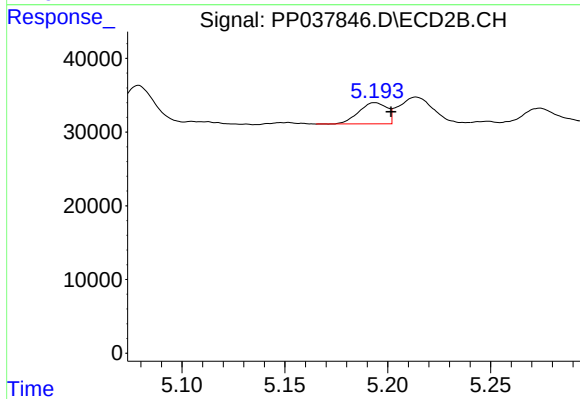
#20 AR-1242-5

R.T.: 6.064 min
Delta R.T.: -0.010 min
Response: 17324
Conc: 25.45 ng/ml



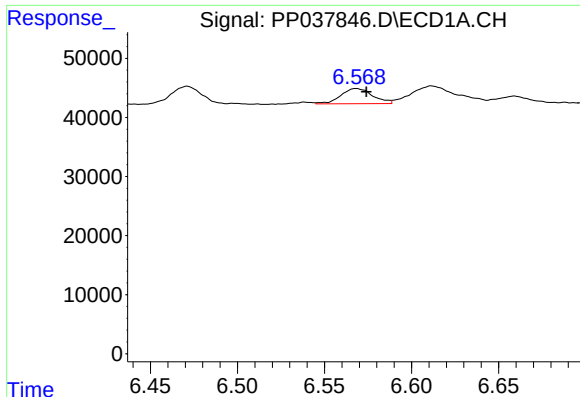
#21 AR-1248-1

R.T.: 6.274 min
Delta R.T.: -0.006 min
Response: 56698
Conc: 54.02 ng/ml



#21 AR-1248-1

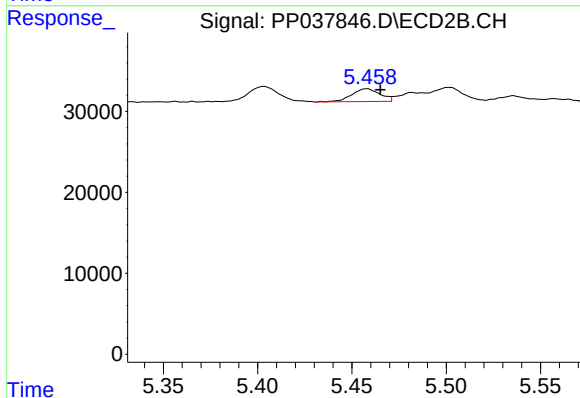
R.T.: 5.194 min
Delta R.T.: -0.008 min
Response: 27461
Conc: 43.51 ng/ml



#22 AR-1248-2

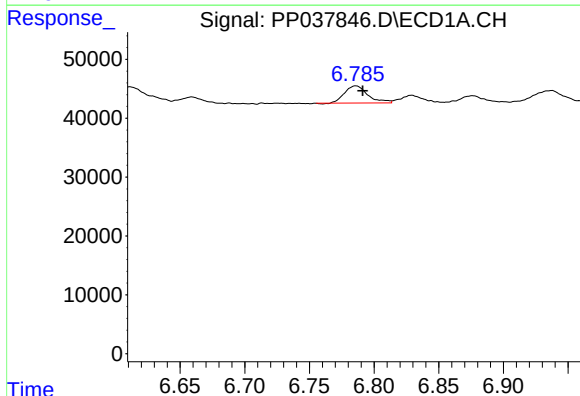
R.T.: 6.568 min
Delta R.T.: -0.006 min
Response: 32802
Conc: 22.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



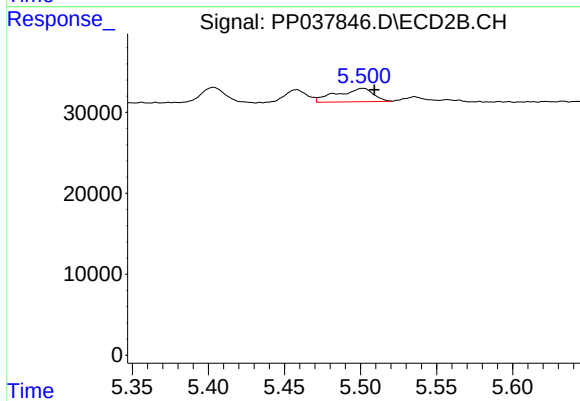
#22 AR-1248-2

R.T.: 5.458 min
Delta R.T.: -0.007 min
Response: 16480
Conc: 20.09 ng/ml



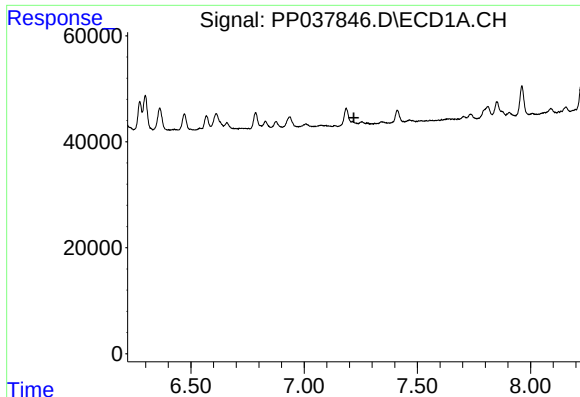
#23 AR-1248-3

R.T.: 6.786 min
Delta R.T.: -0.005 min
Response: 36311
Conc: 21.98 ng/ml



#23 AR-1248-3

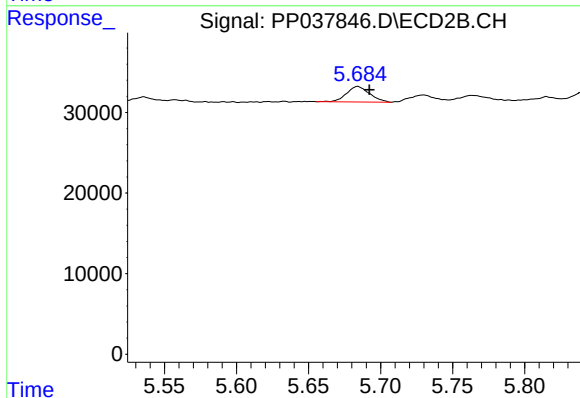
R.T.: 5.502 min
Delta R.T.: -0.008 min
Response: 27453
Conc: 32.08 ng/ml



#24 AR-1248-4

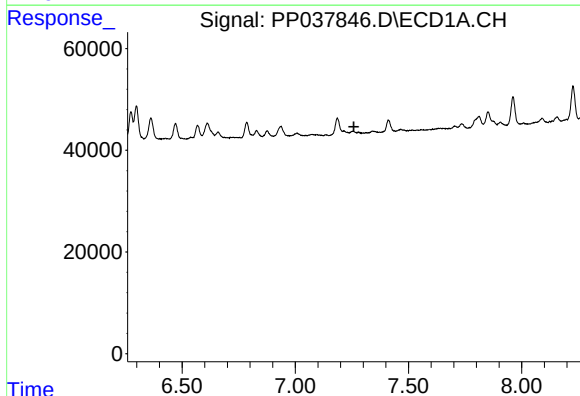
R.T.: 0.000 min
Exp R.T.: 7.220 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



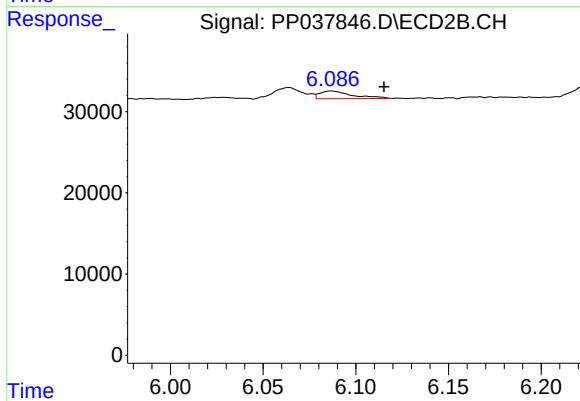
#24 AR-1248-4

R.T.: 5.684 min
Delta R.T.: -0.008 min
Response: 21483
Conc: 21.11 ng/ml



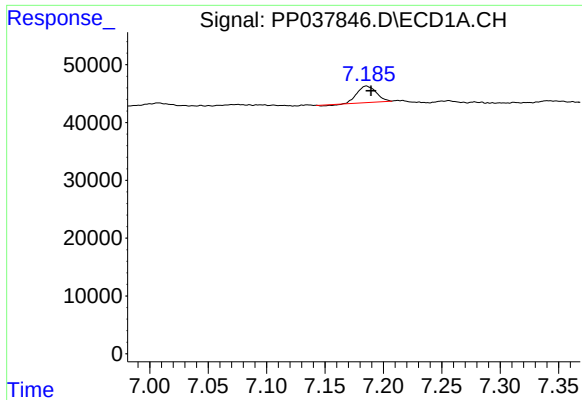
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T.: 7.259 min
Response: 0
Conc: N.D.



#25 AR-1248-5

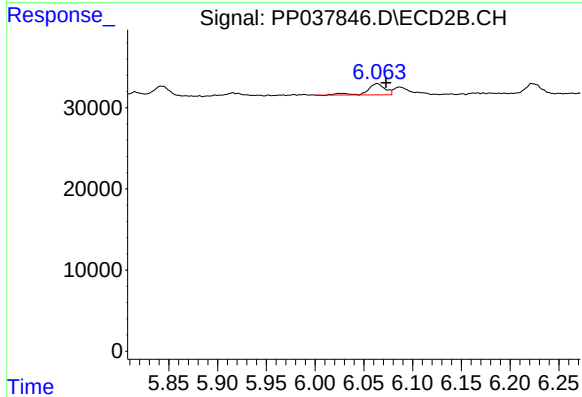
R.T.: 6.087 min
Delta R.T.: -0.028 min
Response: 11391
Conc: 10.74 ng/ml



#26 AR-1254-1

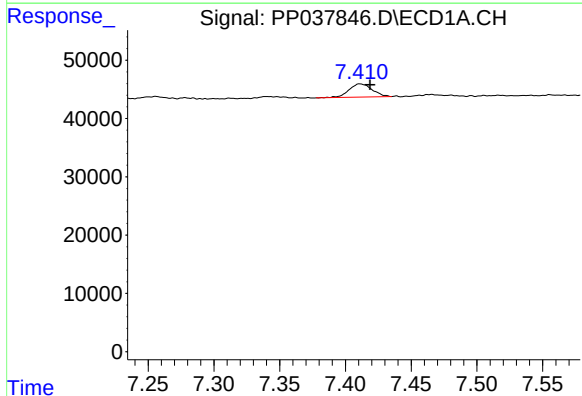
R.T.: 7.186 min
Delta R.T.: -0.004 min
Response: 31543
Conc: 17.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



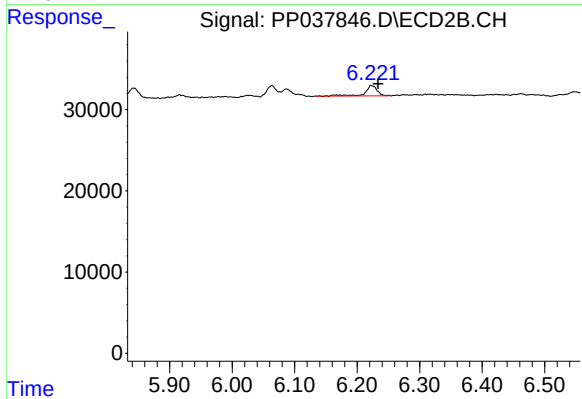
#26 AR-1254-1

R.T.: 6.064 min
Delta R.T.: -0.009 min
Response: 17324
Conc: 11.67 ng/ml



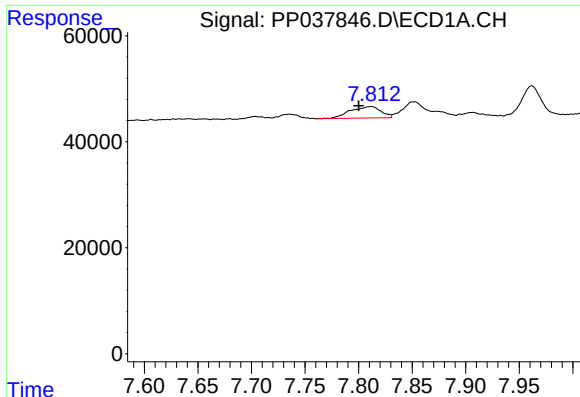
#27 AR-1254-2

R.T.: 7.411 min
Delta R.T.: -0.008 min
Response: 27679
Conc: 9.95 ng/ml



#27 AR-1254-2

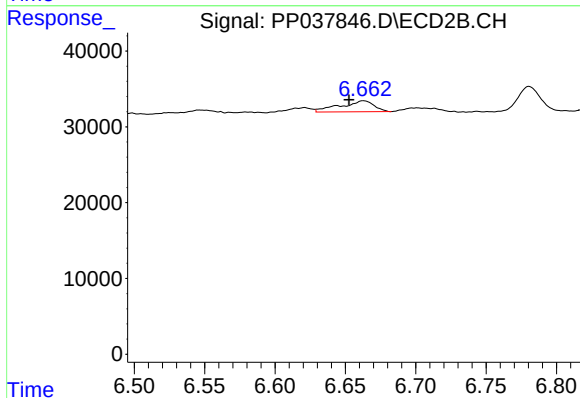
R.T.: 6.223 min
Delta R.T.: -0.011 min
Response: 16896
Conc: 13.01 ng/ml



#28 AR-1254-3

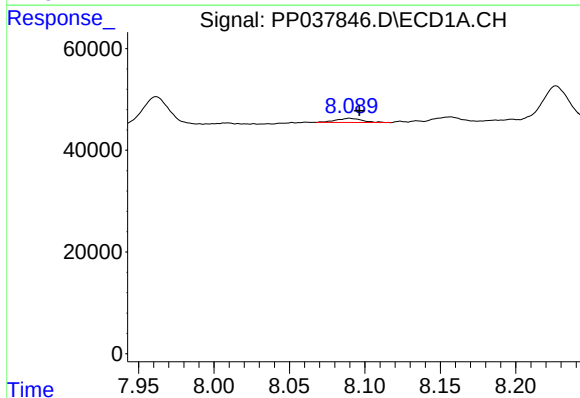
R.T.: 7.812 min
Delta R.T.: 0.012 min
Response: 43115
Conc: 13.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



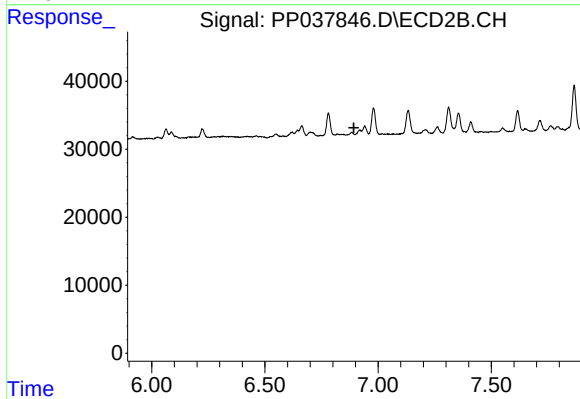
#28 AR-1254-3

R.T.: 6.663 min
Delta R.T.: 0.010 min
Response: 24509
Conc: 11.48 ng/ml



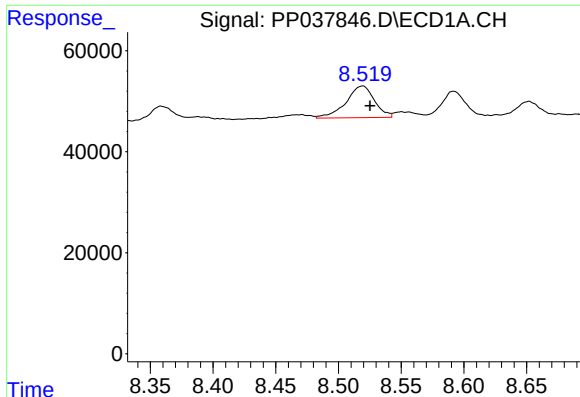
#29 AR-1254-4

R.T.: 8.090 min
Delta R.T.: -0.007 min
Response: 9991
Conc: 4.40 ng/ml



#29 AR-1254-4

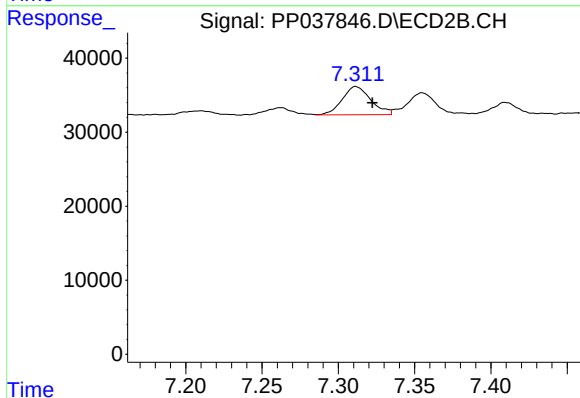
R.T.: 0.000 min
Exp R.T.: 6.893 min
Response: 0
Conc: N.D.



#30 AR-1254-5

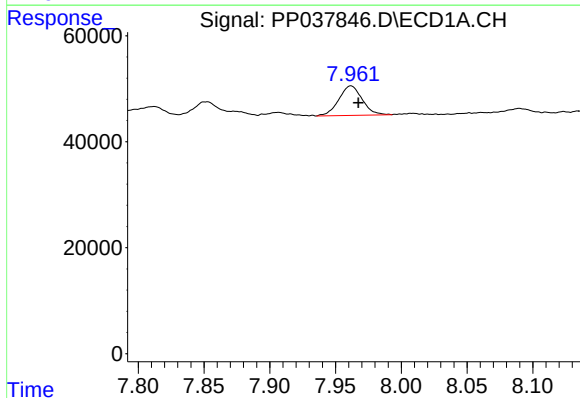
R.T.: 8.519 min
Delta R.T.: -0.006 min
Response: 98665
Conc: 39.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



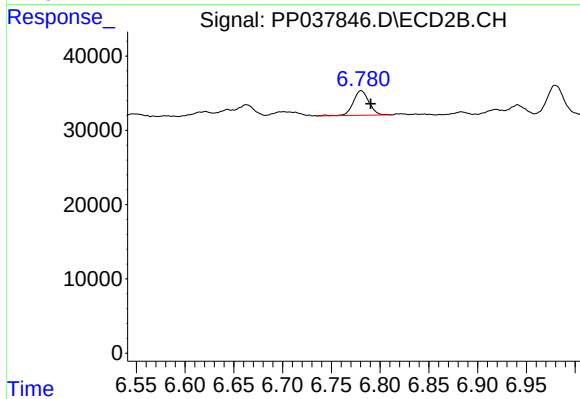
#30 AR-1254-5

R.T.: 7.311 min
Delta R.T.: -0.011 min
Response: 49796
Conc: 26.56 ng/ml



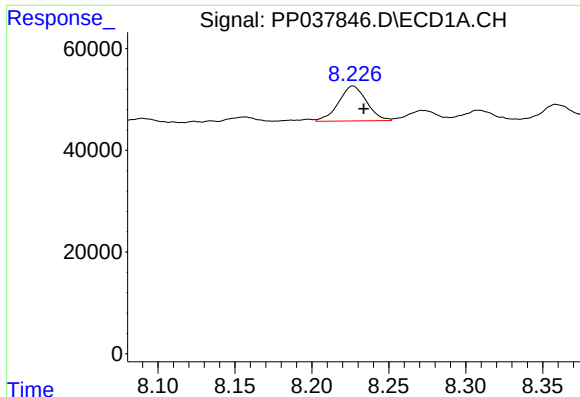
#31 AR-1260-1

R.T.: 7.962 min
Delta R.T.: -0.006 min
Response: 68754
Conc: 31.23 ng/ml



#31 AR-1260-1

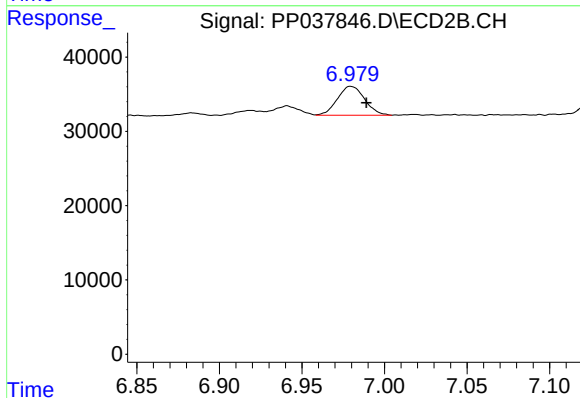
R.T.: 6.781 min
Delta R.T.: -0.010 min
Response: 36987
Conc: 26.77 ng/ml



#32 AR-1260-2

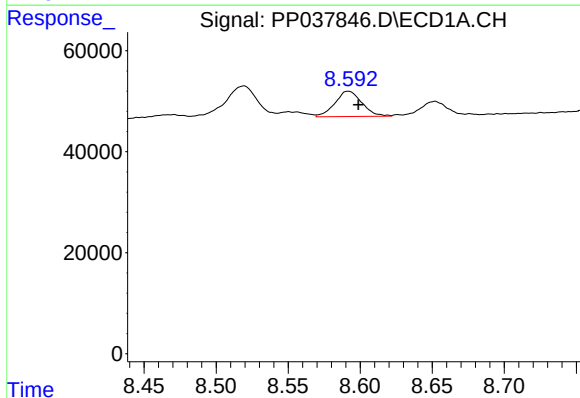
R.T.: 8.227 min
Delta R.T.: -0.007 min
Response: 87157
Conc: 31.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



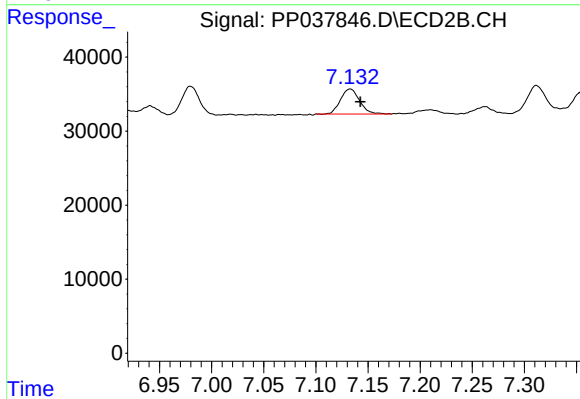
#32 AR-1260-2

R.T.: 6.980 min
Delta R.T.: -0.009 min
Response: 44783
Conc: 26.66 ng/ml



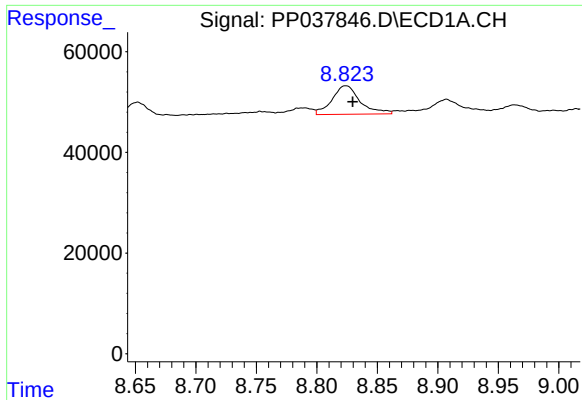
#33 AR-1260-3

R.T.: 8.592 min
Delta R.T.: -0.007 min
Response: 65708
Conc: 32.51 ng/ml



#33 AR-1260-3

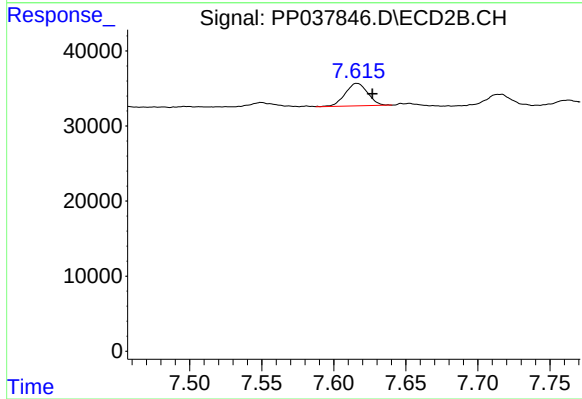
R.T.: 7.133 min
Delta R.T.: -0.010 min
Response: 43100
Conc: 25.15 ng/ml



#34 AR-1260-4

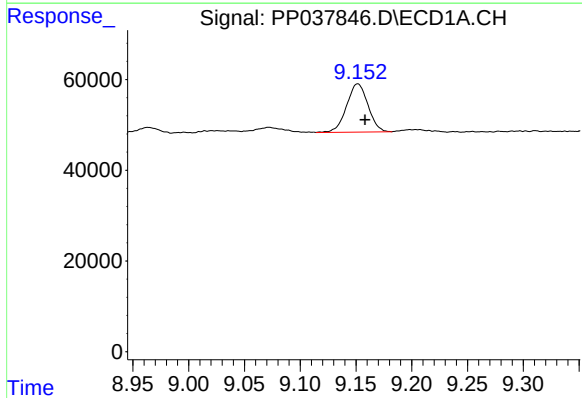
R.T.: 8.824 min
Delta R.T.: -0.006 min
Response: 92074
Conc: 37.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



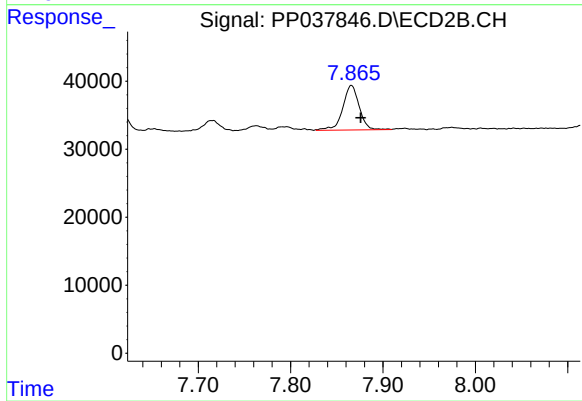
#34 AR-1260-4

R.T.: 7.616 min
Delta R.T.: -0.010 min
Response: 32607
Conc: 23.98 ng/ml



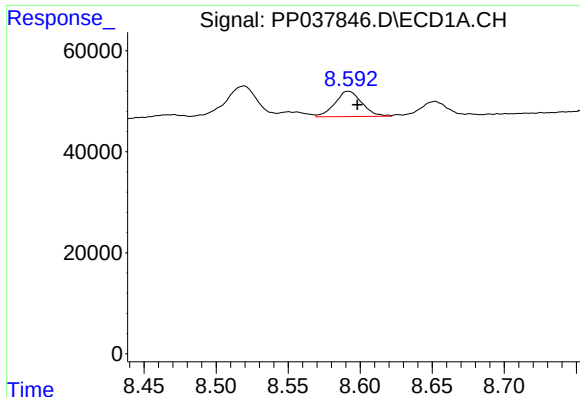
#35 AR-1260-5

R.T.: 9.152 min
Delta R.T.: -0.007 min
Response: 141692
Conc: 30.71 ng/ml



#35 AR-1260-5

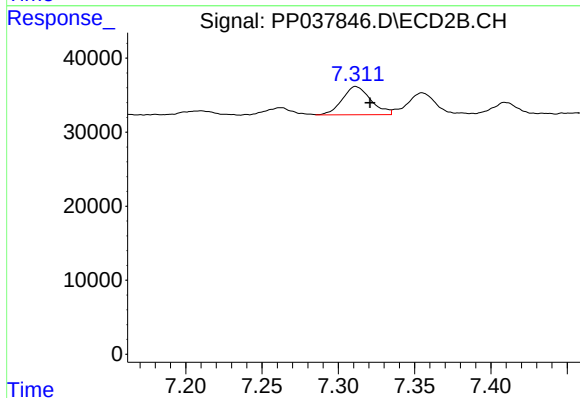
R.T.: 7.866 min
Delta R.T.: -0.010 min
Response: 80805
Conc: 25.05 ng/ml



#36 AR-1262-1

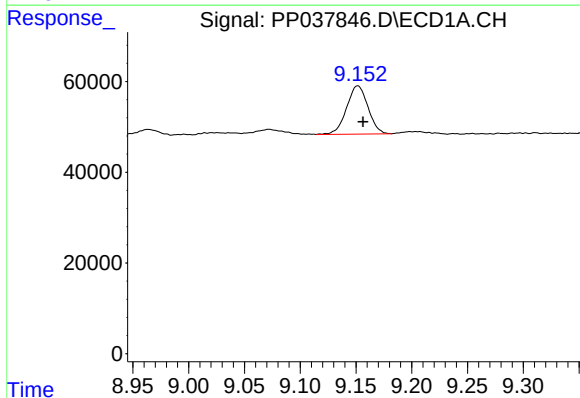
R.T.: 8.592 min
Delta R.T.: -0.006 min
Response: 65708
Conc: 22.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



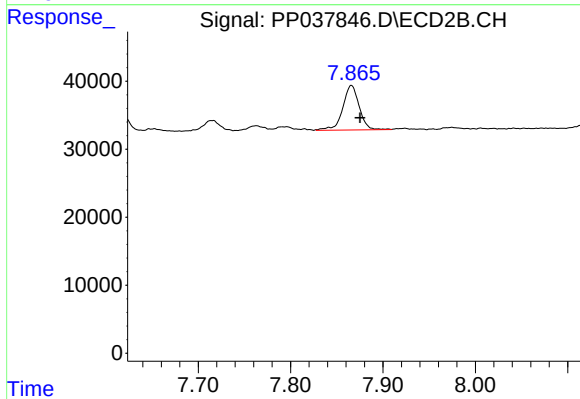
#36 AR-1262-1

R.T.: 7.311 min
Delta R.T.: -0.009 min
Response: 49796
Conc: 47.95 ng/ml



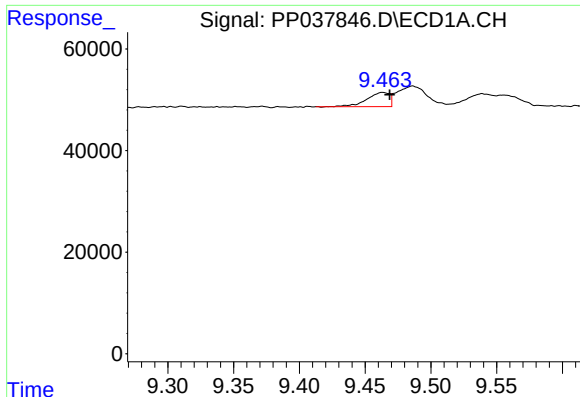
#37 AR-1262-2

R.T.: 9.152 min
Delta R.T.: -0.005 min
Response: 141692
Conc: 26.98 ng/ml



#37 AR-1262-2

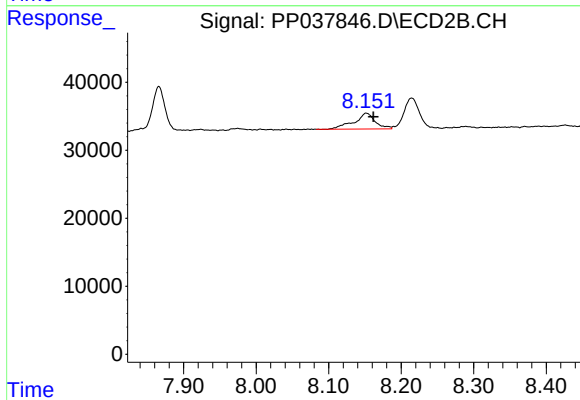
R.T.: 7.866 min
Delta R.T.: -0.009 min
Response: 80805
Conc: 23.23 ng/ml



#38 AR-1262-3

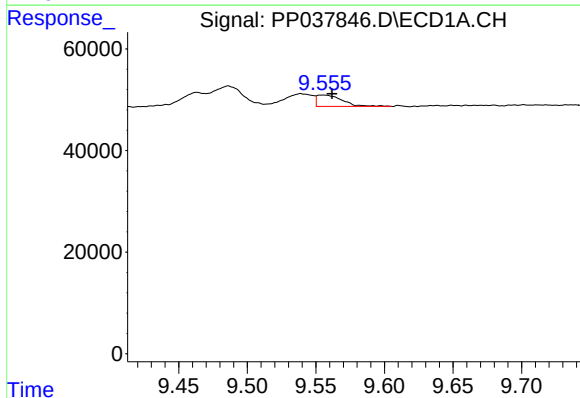
R.T.: 9.463 min
Delta R.T.: -0.005 min
Response: 33623
Conc: 8.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



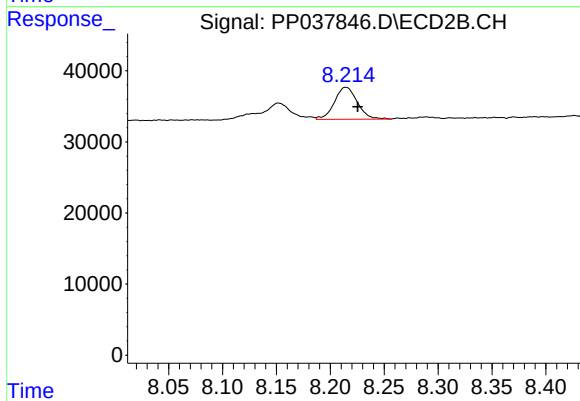
#38 AR-1262-3

R.T.: 8.152 min
Delta R.T.: -0.010 min
Response: 46993
Conc: 33.38 ng/ml



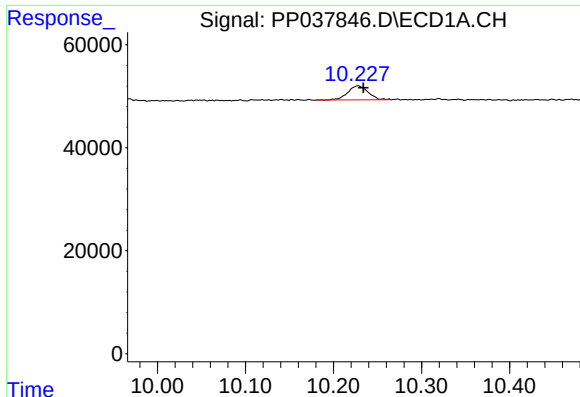
#39 AR-1262-4

R.T.: 9.555 min
Delta R.T.: -0.007 min
Response: 28707
Conc: 9.77 ng/ml



#39 AR-1262-4

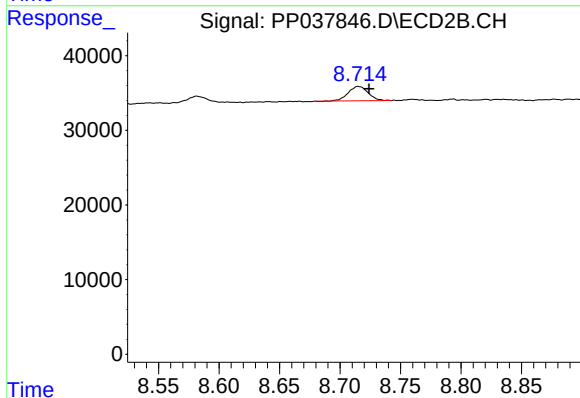
R.T.: 8.215 min
Delta R.T.: -0.011 min
Response: 66449
Conc: 24.95 ng/ml



#40 AR-1262-5

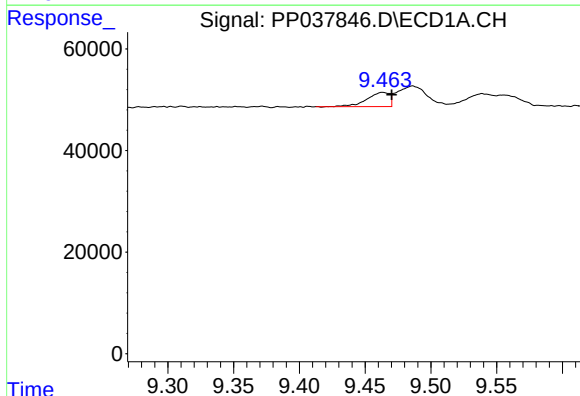
R.T.: 10.228 min
Delta R.T.: -0.006 min
Response: 43632
Conc: 20.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



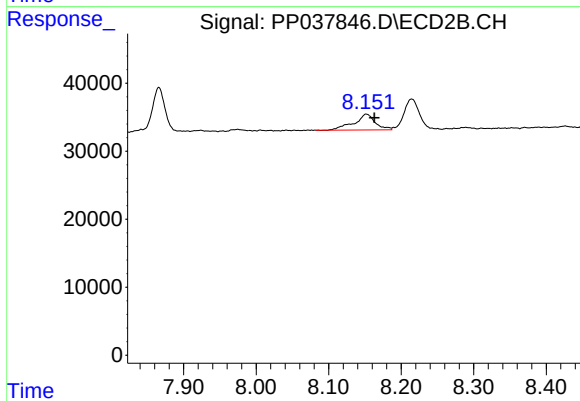
#40 AR-1262-5

R.T.: 8.715 min
Delta R.T.: -0.009 min
Response: 22202
Conc: 17.57 ng/ml



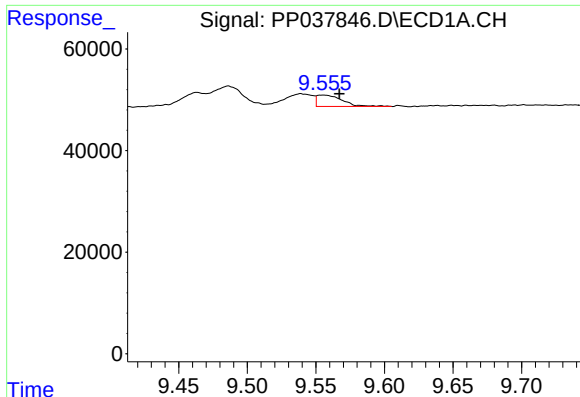
#41 AR-1268-1

R.T.: 9.463 min
Delta R.T.: -0.007 min
Response: 33623
Conc: 5.54 ng/ml



#41 AR-1268-1

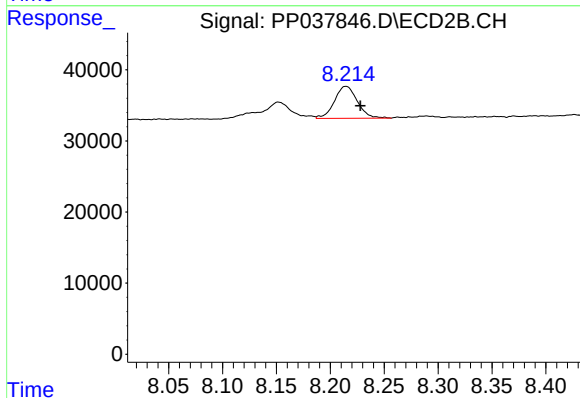
R.T.: 8.152 min
Delta R.T.: -0.011 min
Response: 46993
Conc: 11.79 ng/ml



#42 AR-1268-2

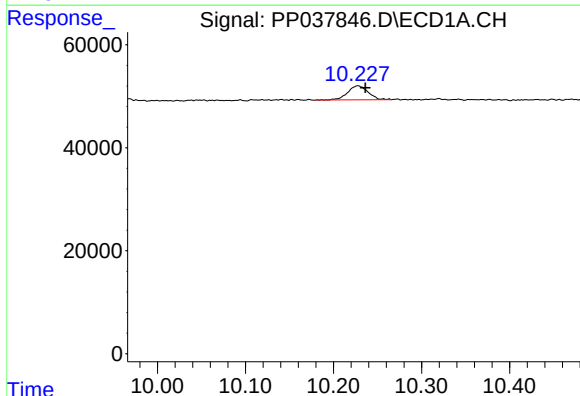
R.T.: 9.555 min
Delta R.T.: -0.012 min
Response: 28707
Conc: 4.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



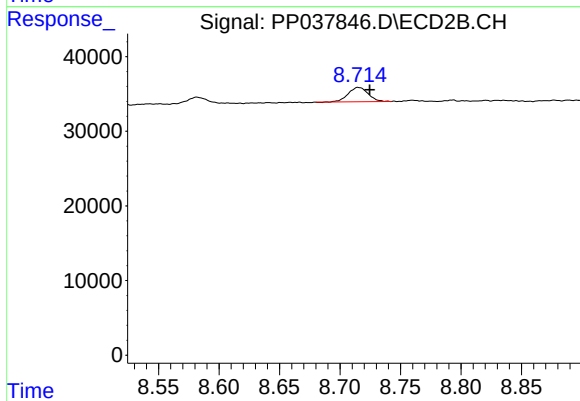
#42 AR-1268-2

R.T.: 8.215 min
Delta R.T.: -0.013 min
Response: 66449
Conc: 17.95 ng/ml



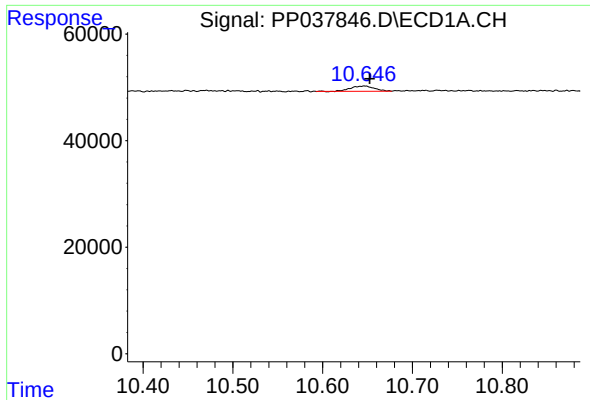
#44 AR-1268-4

R.T.: 10.228 min
Delta R.T.: -0.008 min
Response: 43632
Conc: 19.07 ng/ml



#44 AR-1268-4

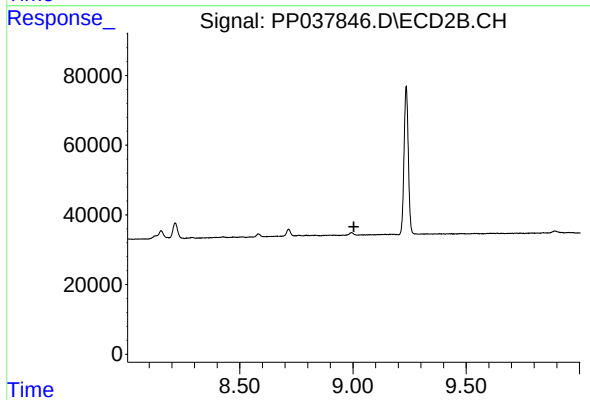
R.T.: 8.715 min
Delta R.T.: -0.009 min
Response: 22202
Conc: 16.20 ng/ml



#45 AR-1268-5

R.T.: 10.647 min
Delta R.T.: -0.006 min
Response: 17758
Conc: 1.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
MDL-SOIL-03-QT3-2021



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 9.004 min
Response: 0
Conc: N.D.