

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0072621\
 Data File : P0079827.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 26 Jul 2021 10:25
 Operator : DD\AJ
 Sample : M2940-02
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 04:45:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0072221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Jul 23 05:30:42 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...	5.002	4.122	931922	402948	16.480	18.124
2)	SA Decachlor...	11.113	9.534	770828	381948	19.505	22.269
Target Compounds							
3)	L1 AR-1016-1	6.332	5.400	63485	59104	31.724	65.781 #
4)	L1 AR-1016-2	6.356	5.421	114574	72903	41.196	60.997 #
5)	L1 AR-1016-3	6.422	5.617	83376	35634	48.337	56.528
6)	L1 AR-1016-4	6.530	5.668	69394	33869	49.583	64.818 #
7)	L1 AR-1016-5	6.846	5.901	69851	40343	51.024	61.829
9)	L2 AR-1221-2	5.356	4.485	15394	11522	34.514	60.646 #
10)	L2 AR-1221-3	5.442	4.577	56971	30002	39.054	48.214
11)	L3 AR-1232-1	5.442	4.577	56971	30002	43.412	54.015
12)	L3 AR-1232-2	6.035	5.421	72495	72903	98.060	136.430 #
13)	L3 AR-1232-3	6.356	5.617	114574	35634	95.377	132.248 #
14)	L3 AR-1232-4	6.530	5.713	69394	39341	114.887	159.143 #
15)	L3 AR-1232-5	6.628	5.901	58248	40343	142.279	155.479
16)	L4 AR-1242-1	6.332	5.400	63485	59104	41.629	87.488 #
17)	L4 AR-1242-2	6.356	5.421	114574	72903	54.201	81.179 #
18)	L4 AR-1242-3	6.422	5.617	83376	35634	64.121	73.124
19)	L4 AR-1242-4	6.530	5.713	69394	39341	65.866	82.115
20)	L4 AR-1242-5	0.000	6.286	0	26967	N.D.	45.428 #
21)	L5 AR-1248-1	6.332	5.400	63485	59104	54.004	113.715 #
22)	L5 AR-1248-2	6.628	5.668	58248	33869	35.810	45.647 #
23)	L5 AR-1248-3	6.846	5.713	69851	39341	37.887	51.903 #
24)	L5 AR-1248-4	0.000	5.901	0	40343	N.D.	45.402 #
26)	L6 AR-1254-1	7.246	6.286	27314	26967	13.671	20.884 #
27)	L6 AR-1254-2	7.477	6.446	48263	26581	15.764	22.818 #
28)	L6 AR-1254-3	7.862	6.892f	37602	52132	11.712	28.683 #
30)	L6 AR-1254-5	8.587	7.551	141960	86804	58.560	57.061
31)	L7 AR-1260-1	8.028	7.013	113904	72470	51.035	61.316
32)	L7 AR-1260-2	8.295	7.211	145414	90635	54.276	63.986
33)	L7 AR-1260-3	8.661	7.370	94078	83840	45.791	63.818 #
34)	L7 AR-1260-4	8.894	7.859	123529	59830	48.225	55.834
35)	L7 AR-1260-5	9.229	8.109	227828	134450	46.974	54.849
36)	L8 AR-1262-1	8.661	7.551	94078	86804	32.533	98.366 #
37)	L8 AR-1262-2	9.229	8.109	227828	134450	42.517	48.734
38)	L8 AR-1262-3	9.571f	8.399	144476	35775	39.726	31.866
39)	L8 AR-1262-4	9.622f	8.464	115672	108610	40.910	53.702 #
40)	L8 AR-1262-5	10.335	8.970	68983	36117	36.750	38.346
41)	L9 AR-1268-1	9.571f	8.399	144476	35775	23.565	11.329 #
42)	L9 AR-1268-2	9.622f	8.464	115672	108610	20.109	39.011 #
44)	L9 AR-1268-4	10.335	8.970	68983	36117	32.607	34.624

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072621\
Data File : P0079827.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 26 Jul 2021 10:25
Operator : DD\AJ
Sample : M2940-02
Misc : AR1660 LOQ 50 PPB
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 04:45:59 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0072221.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jul 23 05:30:42 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

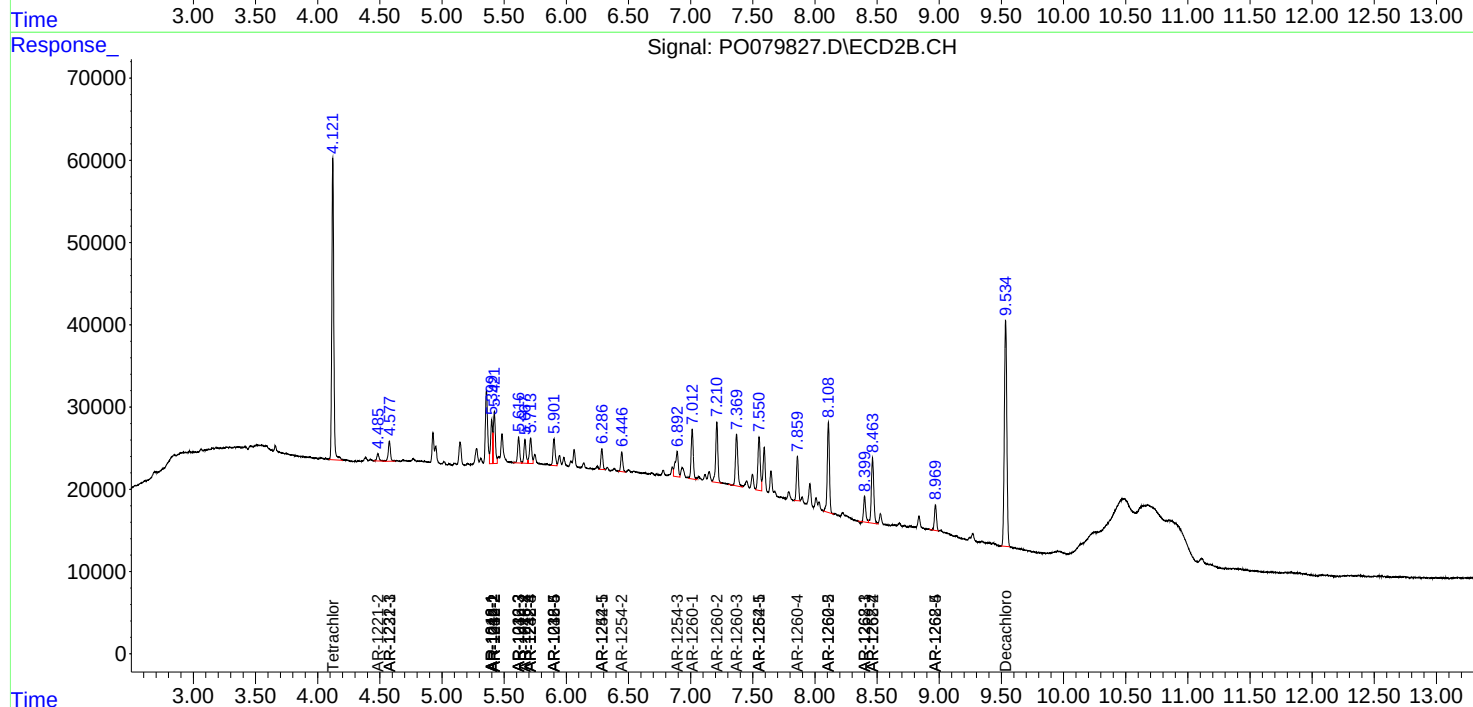
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

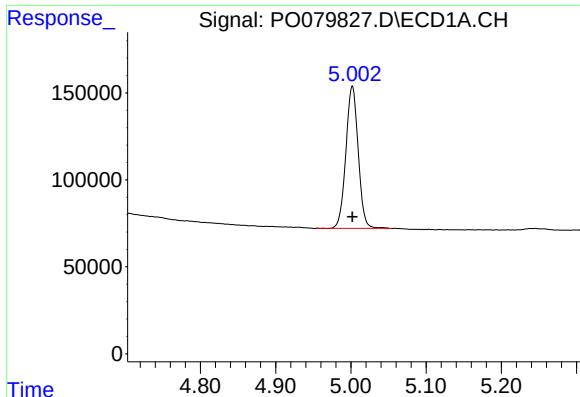
Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-OT3-2021

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





#1 Tetrachloro-m-xylene

R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 931922
Conc: 16.48 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021

#1 Tetrachloro-m-xylene

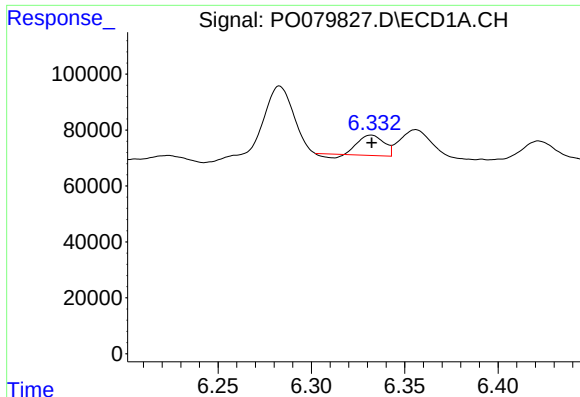
R.T.: 4.122 min
Delta R.T.: 0.000 min
Response: 402948
Conc: 18.12 ng/ml

#2 Decachlorobiphenyl

R.T.: 11.113 min
Delta R.T.: 0.000 min
Response: 770828
Conc: 19.51 ng/ml

#2 Decachlorobiphenyl

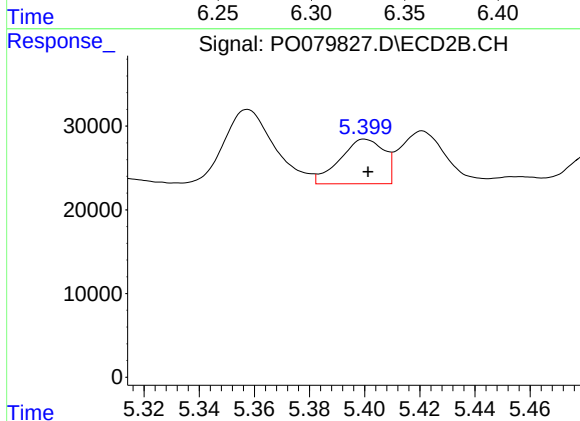
R.T.: 9.534 min
Delta R.T.: -0.001 min
Response: 381948
Conc: 22.27 ng/ml



#3 AR-1016-1

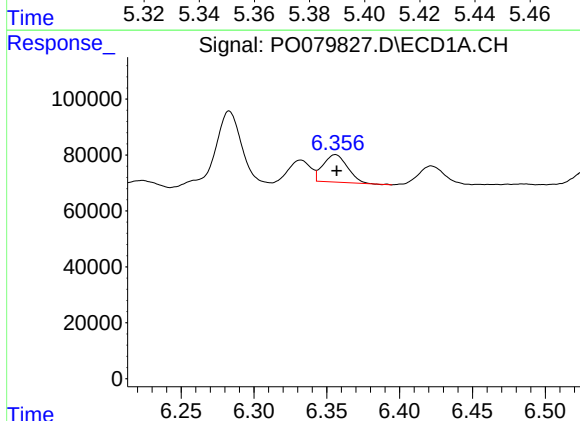
R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 63485
Conc: 31.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



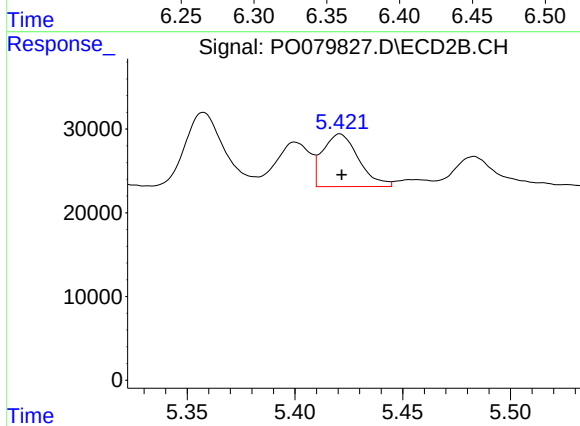
#3 AR-1016-1

R.T.: 5.400 min
Delta R.T.: -0.001 min
Response: 59104
Conc: 65.78 ng/ml



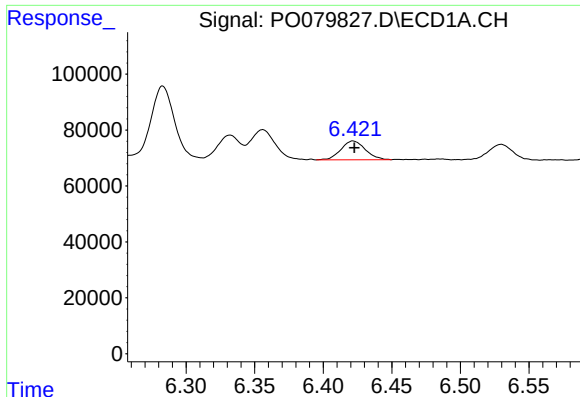
#4 AR-1016-2

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 114574
Conc: 41.20 ng/ml



#4 AR-1016-2

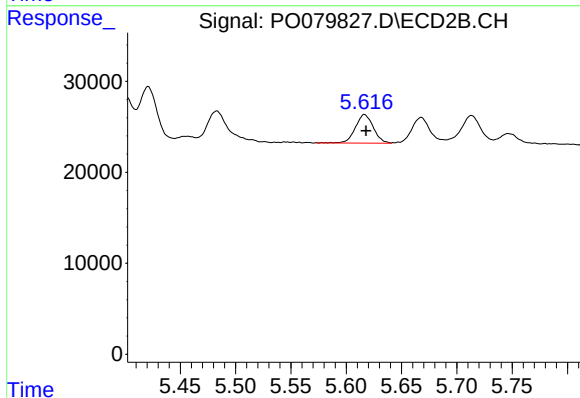
R.T.: 5.421 min
Delta R.T.: 0.000 min
Response: 72903
Conc: 61.00 ng/ml



#5 AR-1016-3

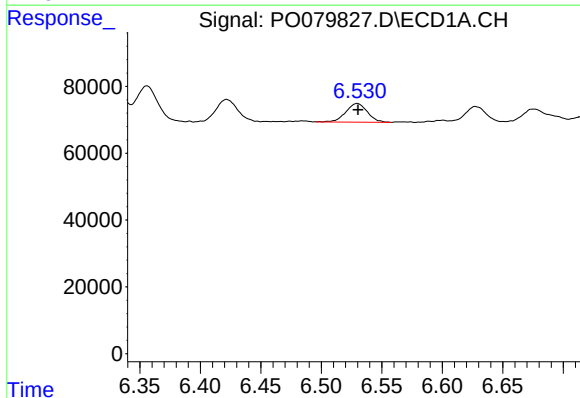
R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 83376
Conc: 48.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



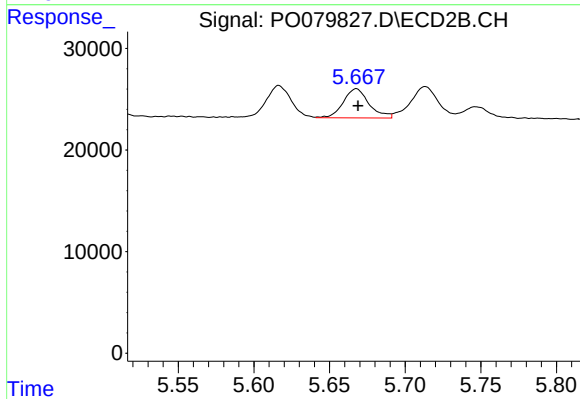
#5 AR-1016-3

R.T.: 5.617 min
Delta R.T.: -0.001 min
Response: 35634
Conc: 56.53 ng/ml



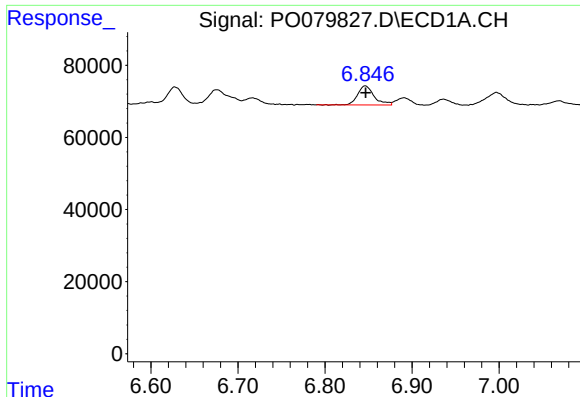
#6 AR-1016-4

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 69394
Conc: 49.58 ng/ml



#6 AR-1016-4

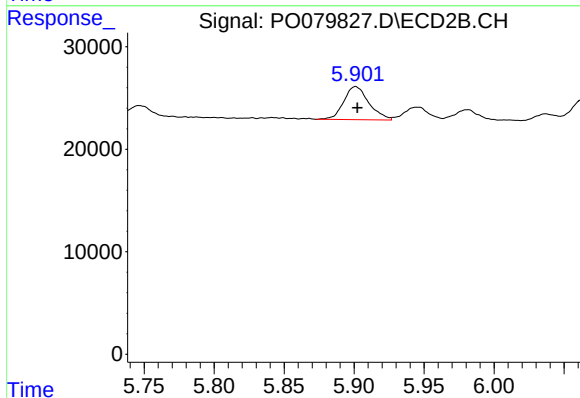
R.T.: 5.668 min
Delta R.T.: -0.001 min
Response: 33869
Conc: 64.82 ng/ml



#7 AR-1016-5

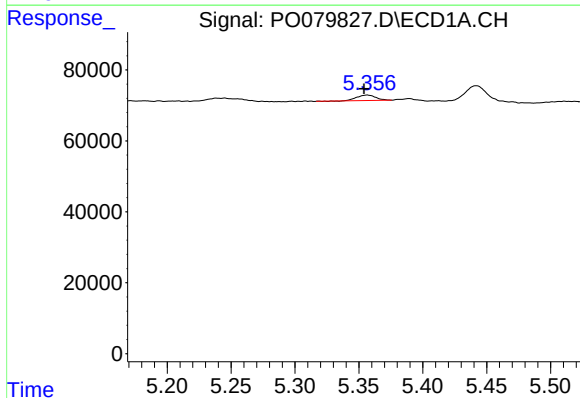
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 69851
Conc: 51.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



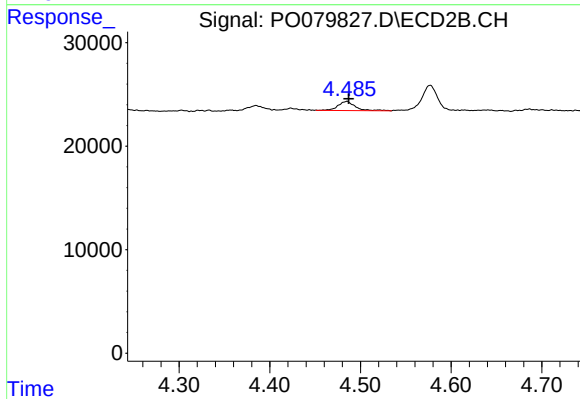
#7 AR-1016-5

R.T.: 5.901 min
Delta R.T.: -0.001 min
Response: 40343
Conc: 61.83 ng/ml



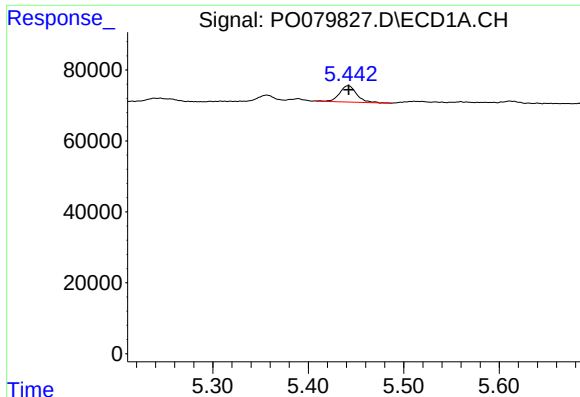
#9 AR-1221-2

R.T.: 5.356 min
Delta R.T.: 0.002 min
Response: 15394
Conc: 34.51 ng/ml



#9 AR-1221-2

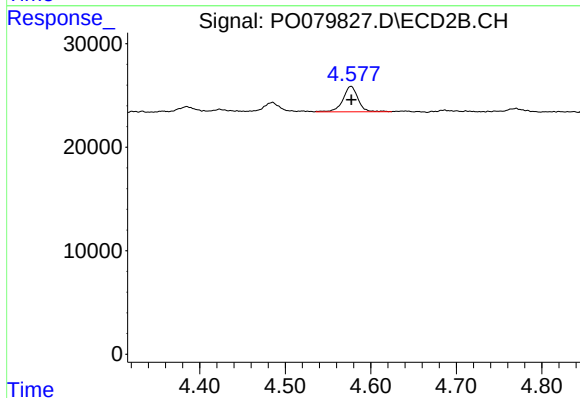
R.T.: 4.485 min
Delta R.T.: -0.002 min
Response: 11522
Conc: 60.65 ng/ml



#10 AR-1221-3

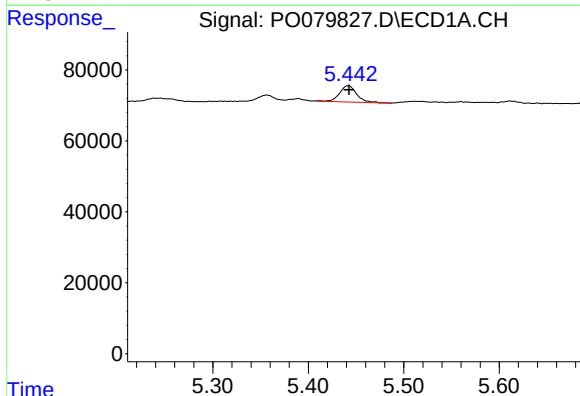
R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 56971
Conc: 39.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



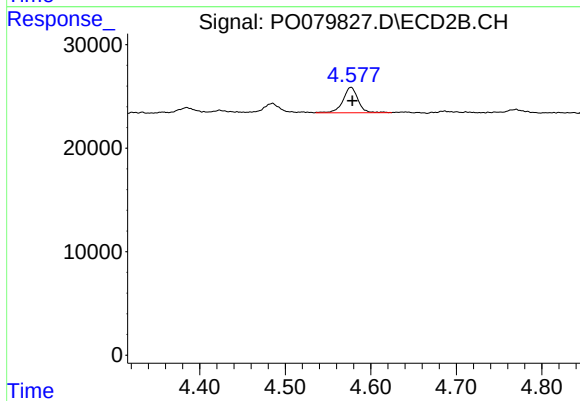
#10 AR-1221-3

R.T.: 4.577 min
Delta R.T.: 0.000 min
Response: 30002
Conc: 48.21 ng/ml



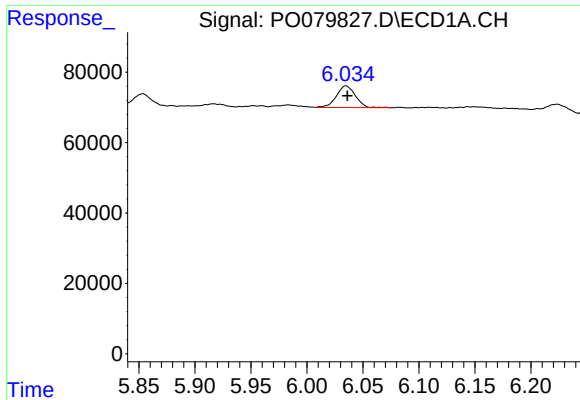
#11 AR-1232-1

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 56971
Conc: 43.41 ng/ml



#11 AR-1232-1

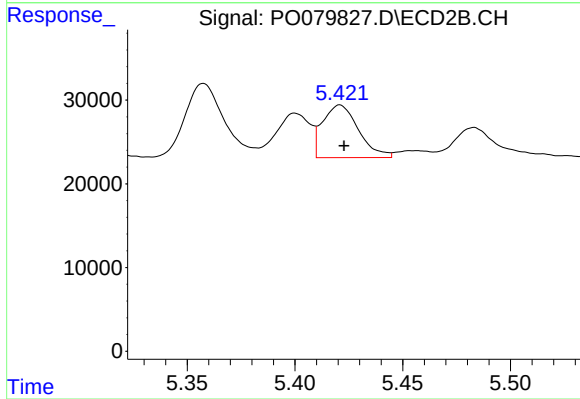
R.T.: 4.577 min
Delta R.T.: -0.002 min
Response: 30002
Conc: 54.01 ng/ml



#12 AR-1232-2

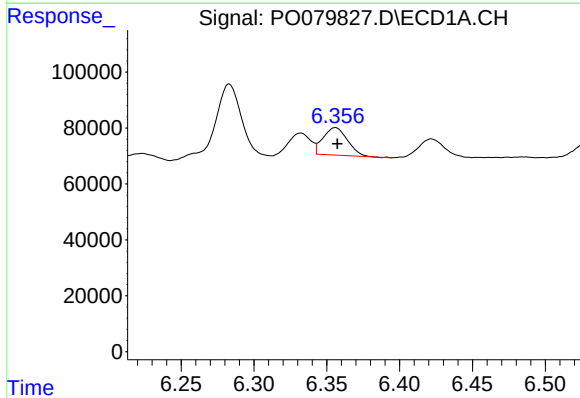
R.T.: 6.035 min
Delta R.T.: -0.001 min
Response: 72495
Conc: 98.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



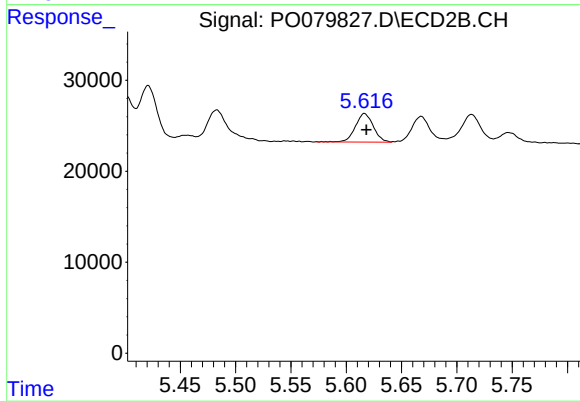
#12 AR-1232-2

R.T.: 5.421 min
Delta R.T.: -0.002 min
Response: 72903
Conc: 136.43 ng/ml



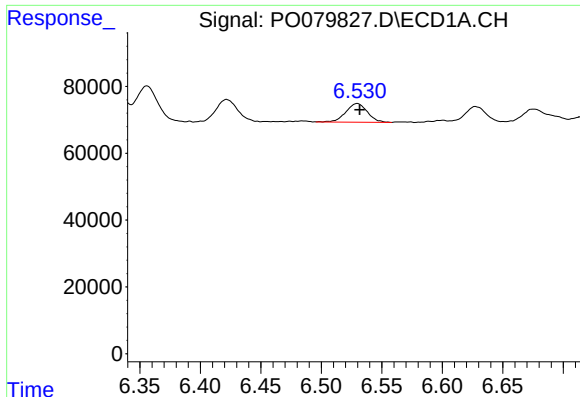
#13 AR-1232-3

R.T.: 6.356 min
Delta R.T.: -0.001 min
Response: 114574
Conc: 95.38 ng/ml



#13 AR-1232-3

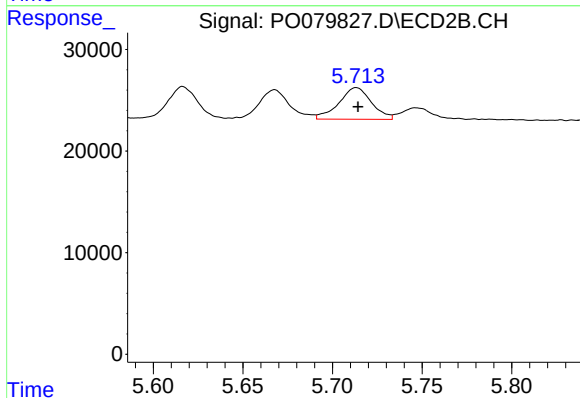
R.T.: 5.617 min
Delta R.T.: -0.002 min
Response: 35634
Conc: 132.25 ng/ml



#14 AR-1232-4

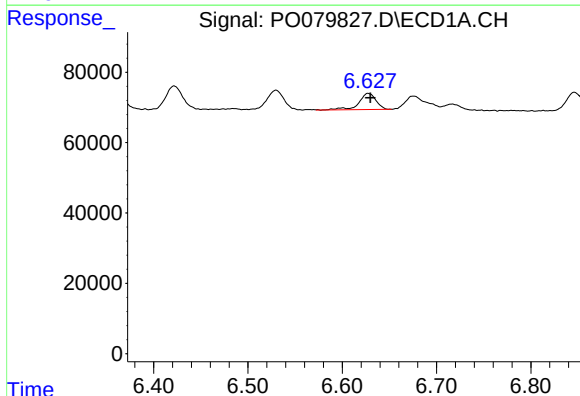
R.T.: 6.530 min
Delta R.T.: -0.002 min
Response: 69394
Conc: 114.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



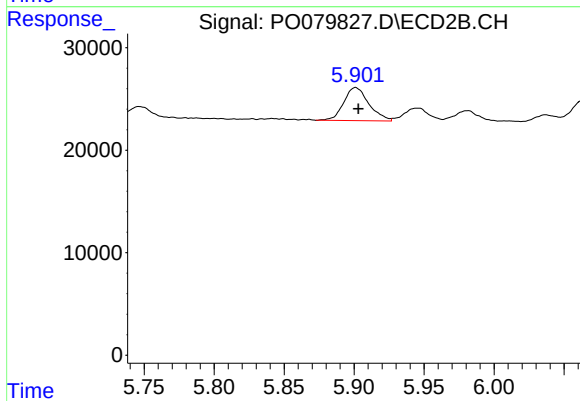
#14 AR-1232-4

R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 39341
Conc: 159.14 ng/ml



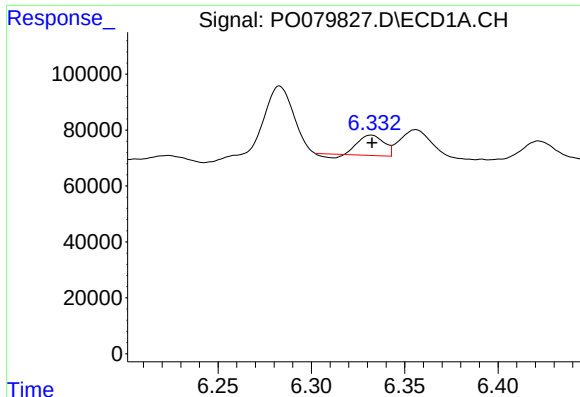
#15 AR-1232-5

R.T.: 6.628 min
Delta R.T.: -0.002 min
Response: 58248
Conc: 142.28 ng/ml



#15 AR-1232-5

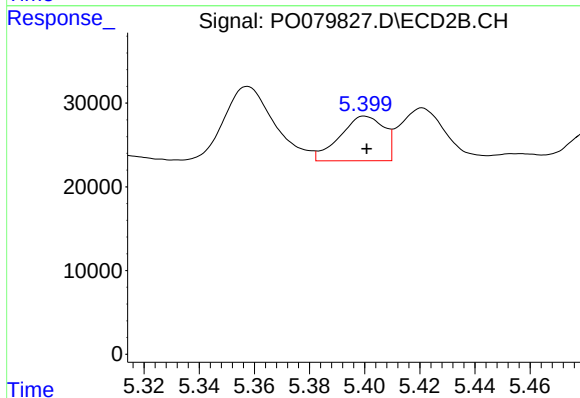
R.T.: 5.901 min
Delta R.T.: -0.002 min
Response: 40343
Conc: 155.48 ng/ml



#16 AR-1242-1

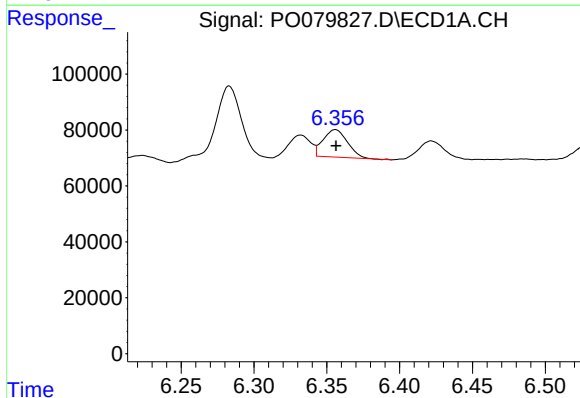
R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 63485
Conc: 41.63 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



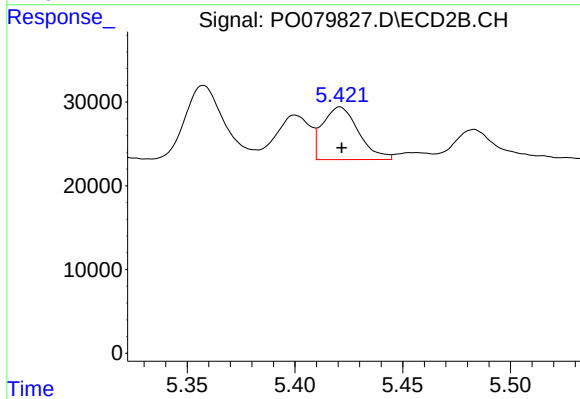
#16 AR-1242-1

R.T.: 5.400 min
Delta R.T.: 0.000 min
Response: 59104
Conc: 87.49 ng/ml



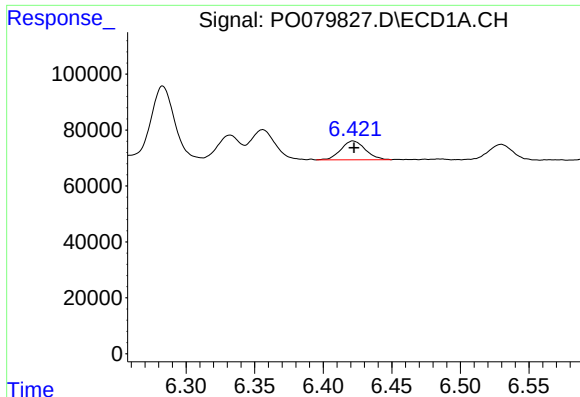
#17 AR-1242-2

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 114574
Conc: 54.20 ng/ml



#17 AR-1242-2

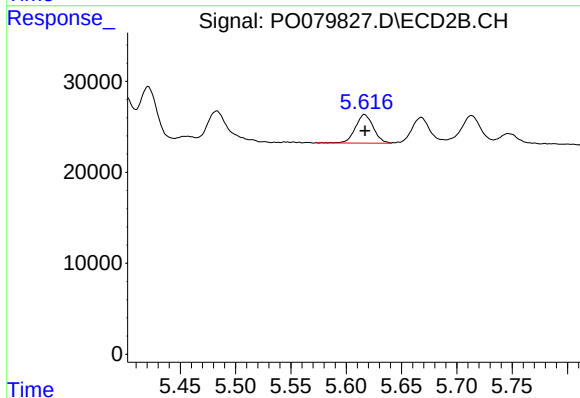
R.T.: 5.421 min
Delta R.T.: 0.000 min
Response: 72903
Conc: 81.18 ng/ml



#18 AR-1242-3

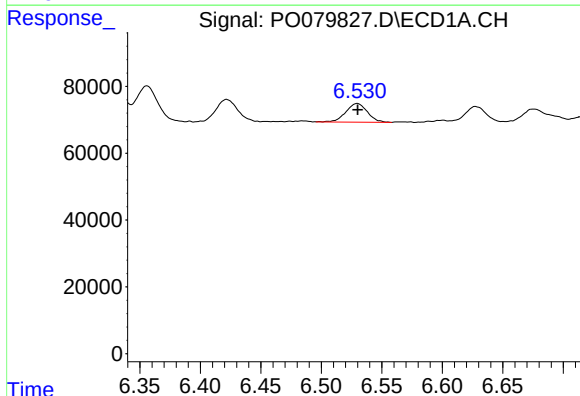
R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 83376
Conc: 64.12 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



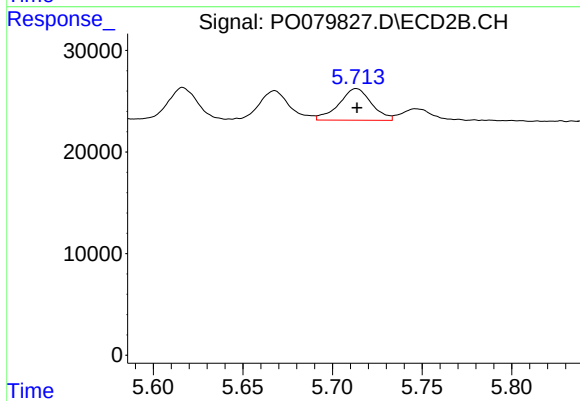
#18 AR-1242-3

R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 35634
Conc: 73.12 ng/ml



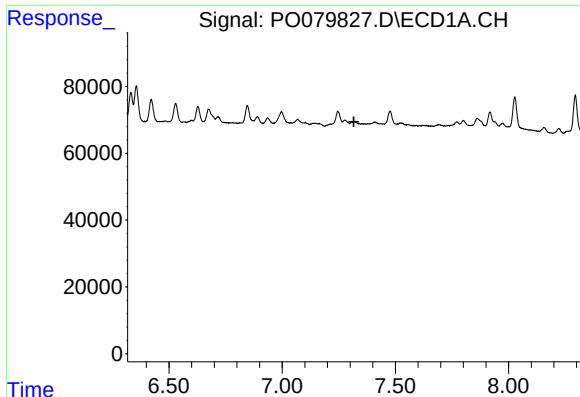
#19 AR-1242-4

R.T.: 6.530 min
Delta R.T.: 0.000 min
Response: 69394
Conc: 65.87 ng/ml



#19 AR-1242-4

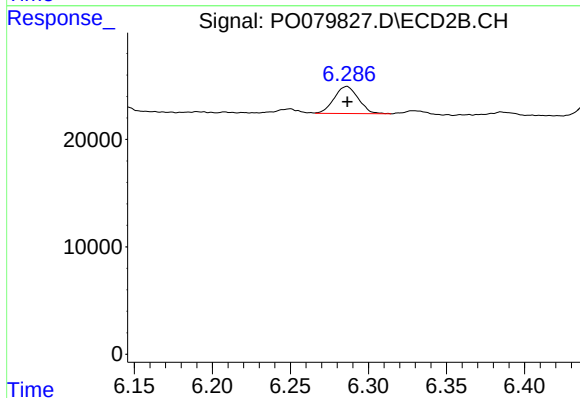
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 39341
Conc: 82.12 ng/ml



#20 AR-1242-5

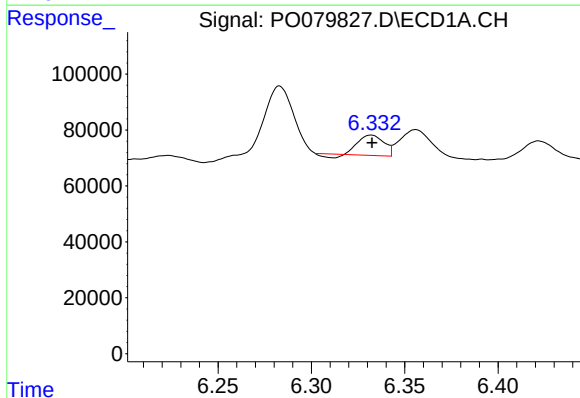
R.T.: 0.000 min
Exp R.T.: 7.317 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



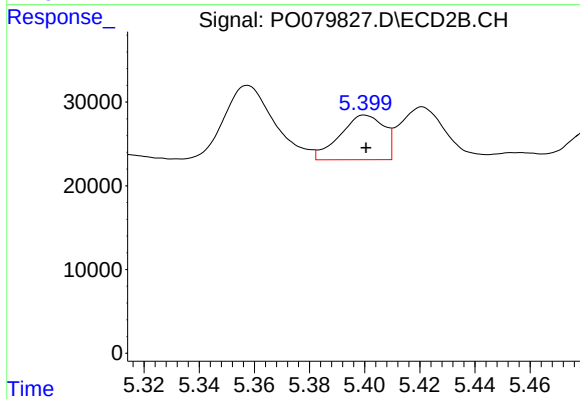
#20 AR-1242-5

R.T.: 6.286 min
Delta R.T.: 0.000 min
Response: 26967
Conc: 45.43 ng/ml



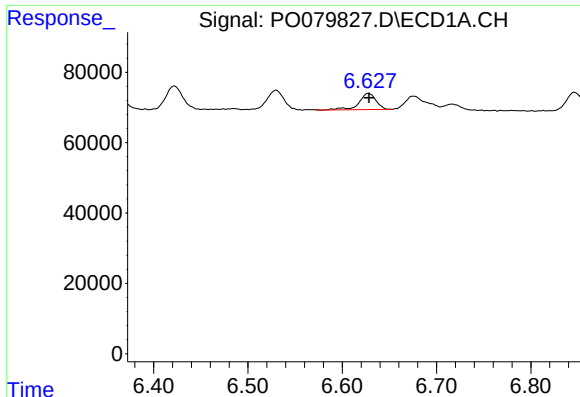
#21 AR-1248-1

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 63485
Conc: 54.00 ng/ml



#21 AR-1248-1

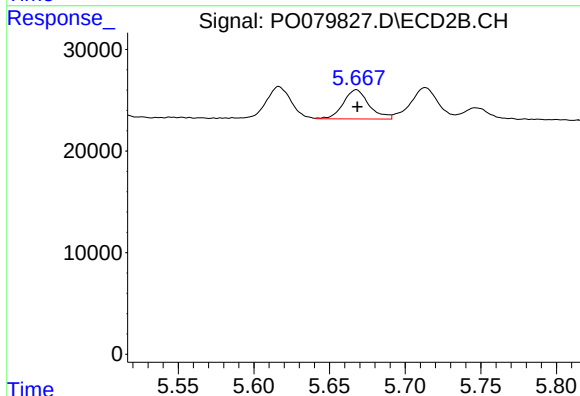
R.T.: 5.400 min
Delta R.T.: 0.000 min
Response: 59104
Conc: 113.72 ng/ml



#22 AR-1248-2

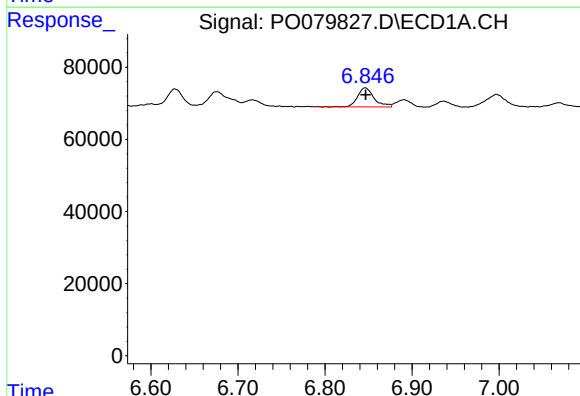
R.T.: 6.628 min
Delta R.T.: 0.000 min
Response: 58248
Conc: 35.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



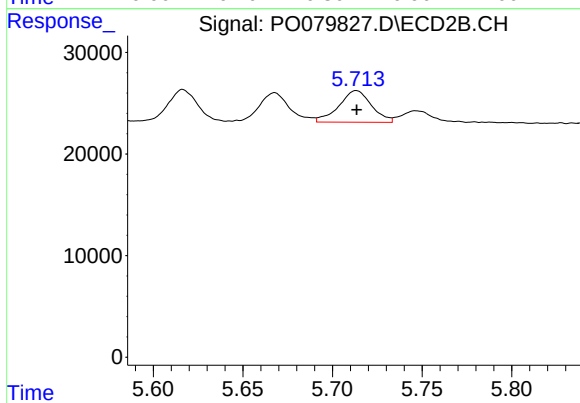
#22 AR-1248-2

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 33869
Conc: 45.65 ng/ml



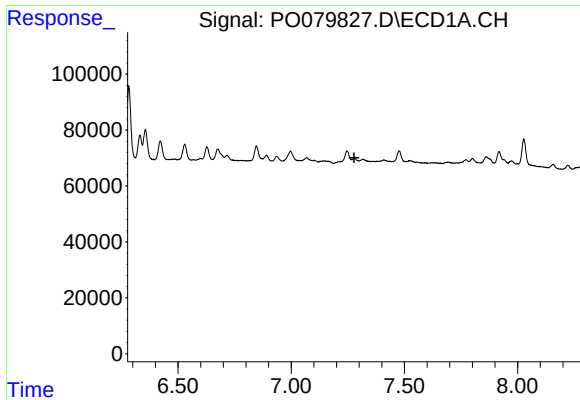
#23 AR-1248-3

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 69851
Conc: 37.89 ng/ml



#23 AR-1248-3

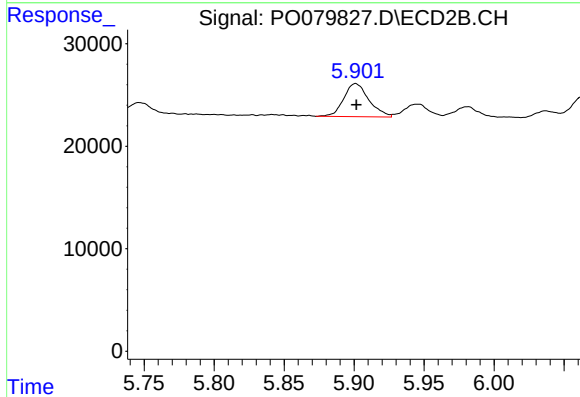
R.T.: 5.713 min
Delta R.T.: 0.000 min
Response: 39341
Conc: 51.90 ng/ml



#24 AR-1248-4

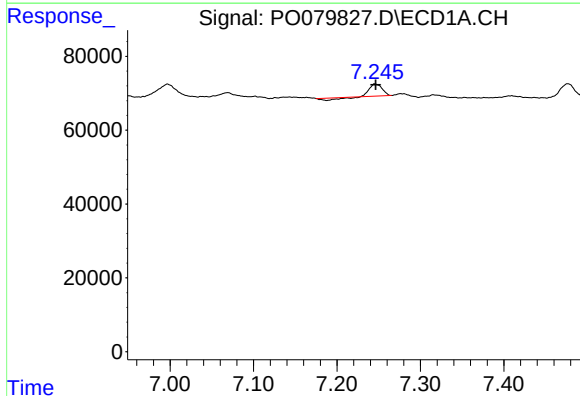
R.T.: 0.000 min
Exp R.T.: 7.277 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



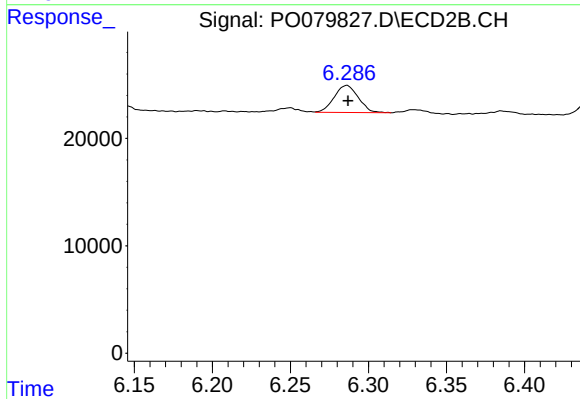
#24 AR-1248-4

R.T.: 5.901 min
Delta R.T.: 0.000 min
Response: 40343
Conc: 45.40 ng/ml



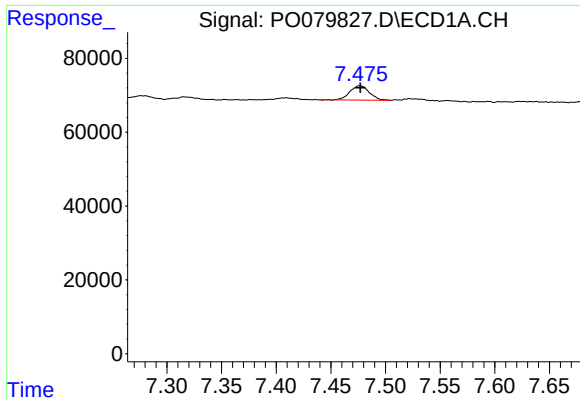
#26 AR-1254-1

R.T.: 7.246 min
Delta R.T.: 0.000 min
Response: 27314
Conc: 13.67 ng/ml



#26 AR-1254-1

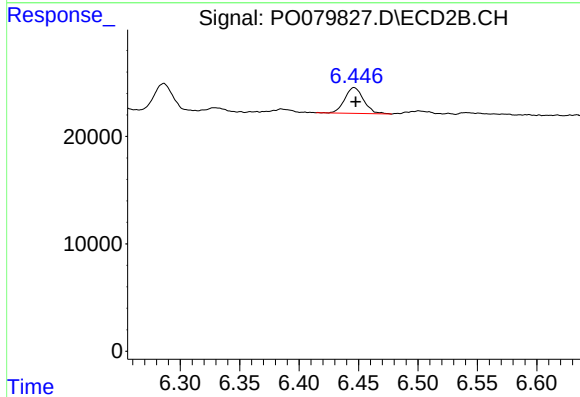
R.T.: 6.286 min
Delta R.T.: 0.000 min
Response: 26967
Conc: 20.88 ng/ml



#27 AR-1254-2

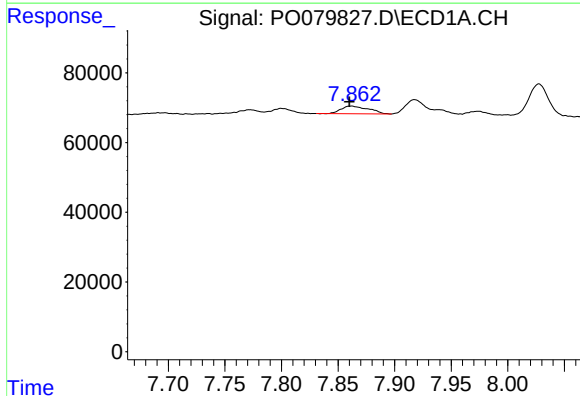
R.T.: 7.477 min
Delta R.T.: 0.000 min
Response: 48263
Conc: 15.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



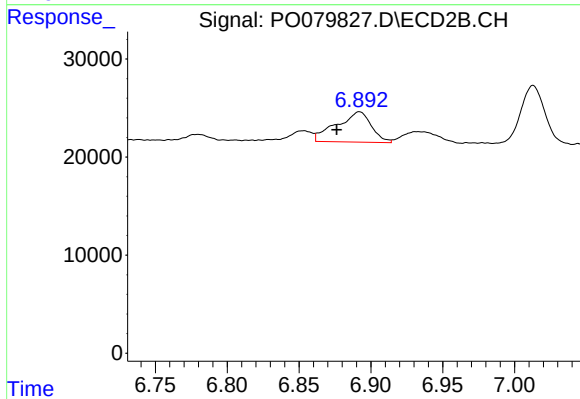
#27 AR-1254-2

R.T.: 6.446 min
Delta R.T.: -0.001 min
Response: 26581
Conc: 22.82 ng/ml



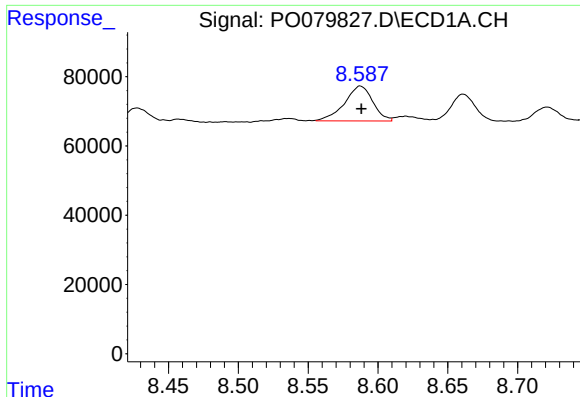
#28 AR-1254-3

R.T.: 7.862 min
Delta R.T.: 0.002 min
Response: 37602
Conc: 11.71 ng/ml



#28 AR-1254-3

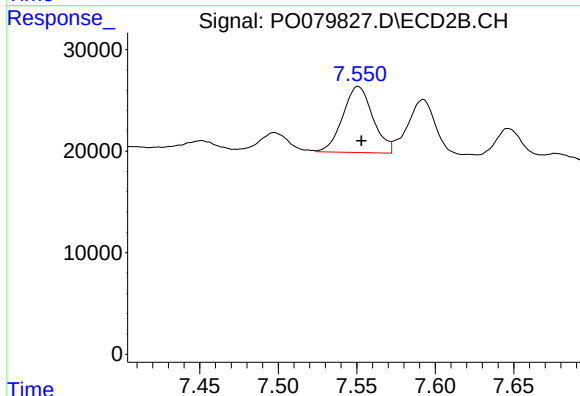
R.T.: 6.892 min
Delta R.T.: 0.016 min
Response: 52132
Conc: 28.68 ng/ml



#30 AR-1254-5

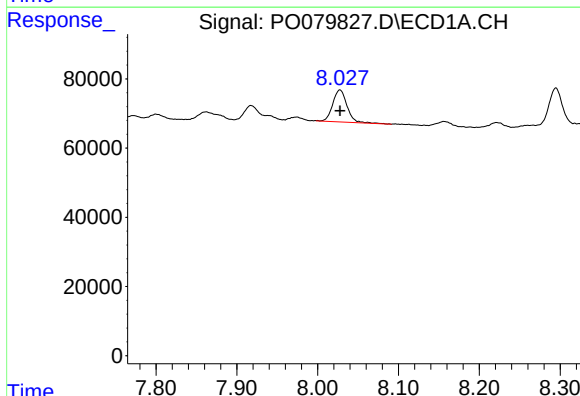
R.T.: 8.587 min
Delta R.T.: 0.000 min
Response: 141960
Conc: 58.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



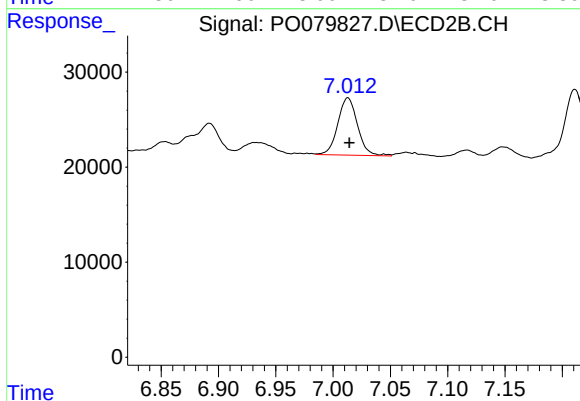
#30 AR-1254-5

R.T.: 7.551 min
Delta R.T.: -0.002 min
Response: 86804
Conc: 57.06 ng/ml



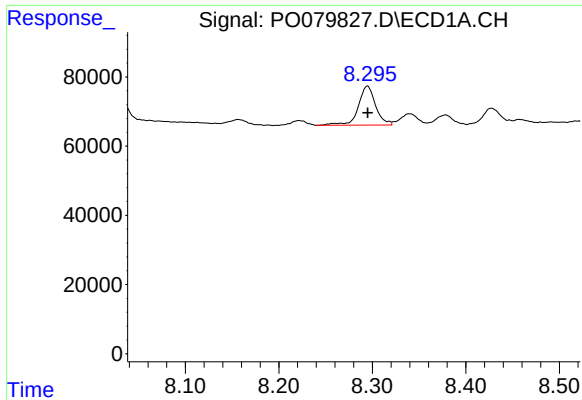
#31 AR-1260-1

R.T.: 8.028 min
Delta R.T.: 0.000 min
Response: 113904
Conc: 51.04 ng/ml



#31 AR-1260-1

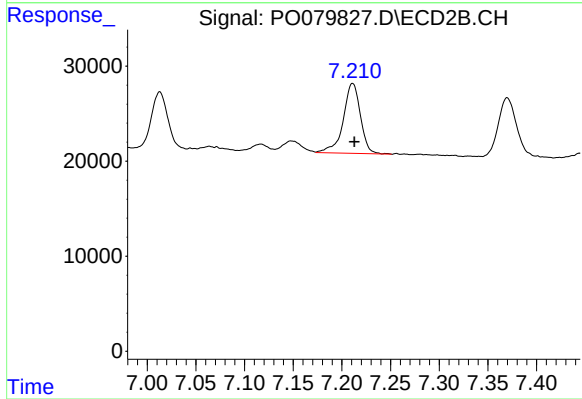
R.T.: 7.013 min
Delta R.T.: -0.001 min
Response: 72470
Conc: 61.32 ng/ml



#32 AR-1260-2

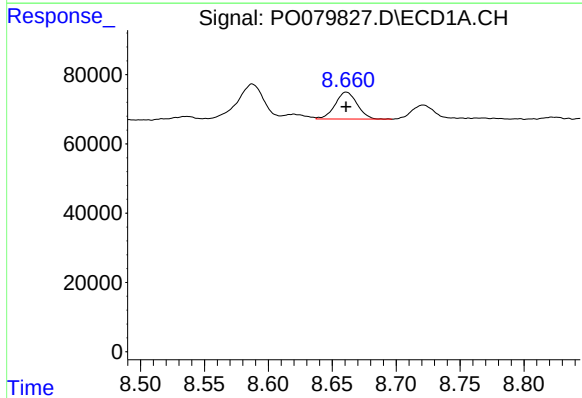
R.T.: 8.295 min
Delta R.T.: 0.000 min
Response: 145414
Conc: 54.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



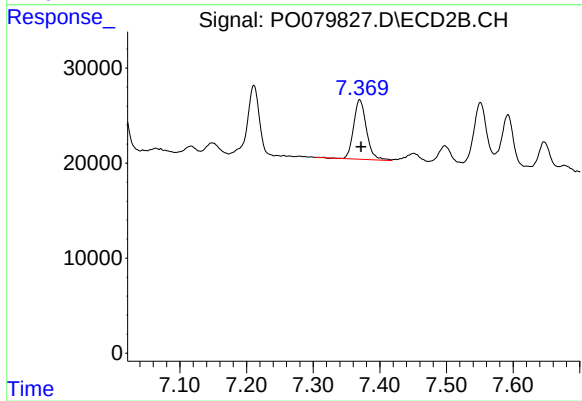
#32 AR-1260-2

R.T.: 7.211 min
Delta R.T.: -0.002 min
Response: 90635
Conc: 63.99 ng/ml



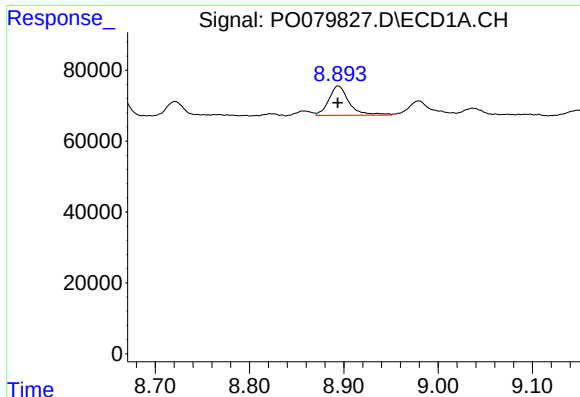
#33 AR-1260-3

R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 94078
Conc: 45.79 ng/ml



#33 AR-1260-3

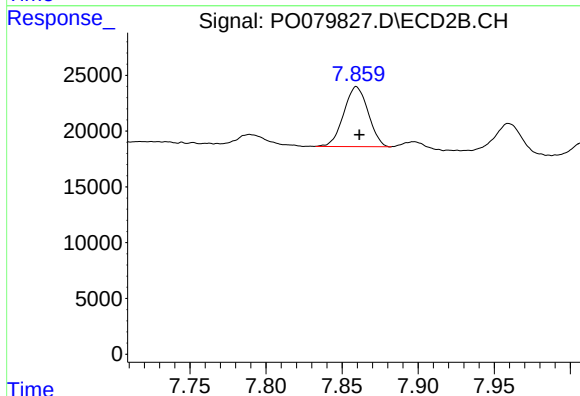
R.T.: 7.370 min
Delta R.T.: -0.002 min
Response: 83840
Conc: 63.82 ng/ml



#34 AR-1260-4

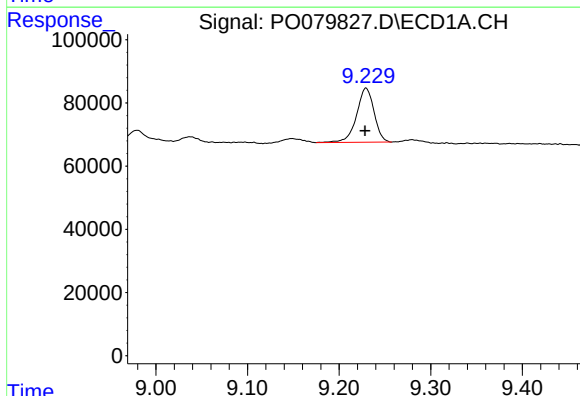
R.T.: 8.894 min
Delta R.T.: 0.000 min
Response: 123529
Conc: 48.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



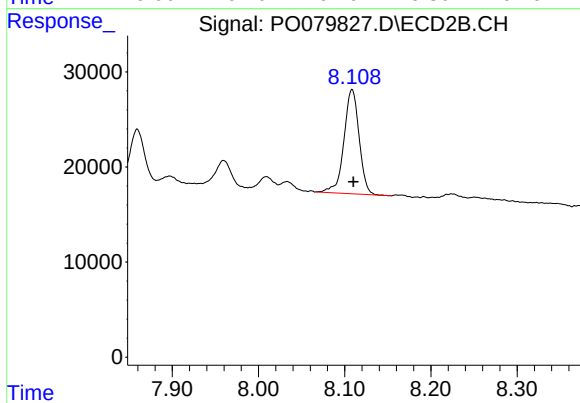
#34 AR-1260-4

R.T.: 7.859 min
Delta R.T.: -0.002 min
Response: 59830
Conc: 55.83 ng/ml



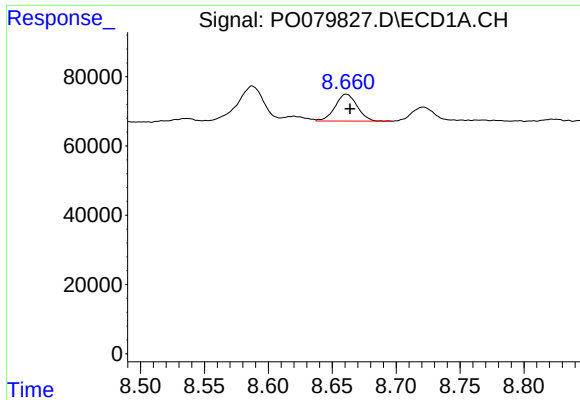
#35 AR-1260-5

R.T.: 9.229 min
Delta R.T.: 0.001 min
Response: 227828
Conc: 46.97 ng/ml



#35 AR-1260-5

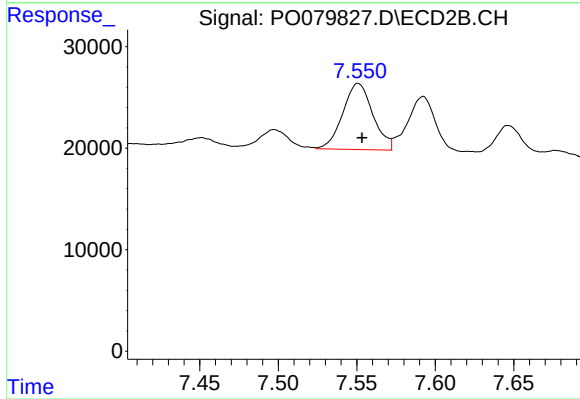
R.T.: 8.109 min
Delta R.T.: -0.002 min
Response: 134450
Conc: 54.85 ng/ml



#36 AR-1262-1

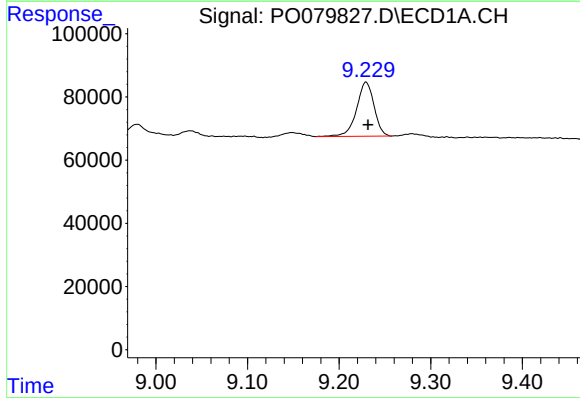
R.T.: 8.661 min
Delta R.T.: -0.003 min
Response: 94078
Conc: 32.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



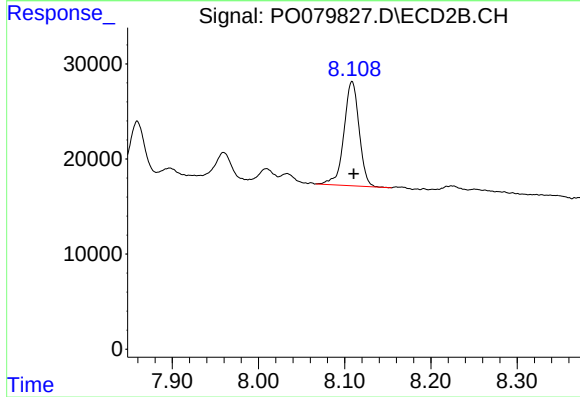
#36 AR-1262-1

R.T.: 7.551 min
Delta R.T.: -0.002 min
Response: 86804
Conc: 98.37 ng/ml



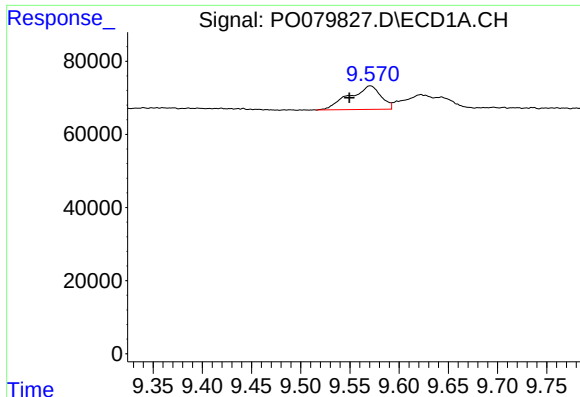
#37 AR-1262-2

R.T.: 9.229 min
Delta R.T.: -0.002 min
Response: 227828
Conc: 42.52 ng/ml



#37 AR-1262-2

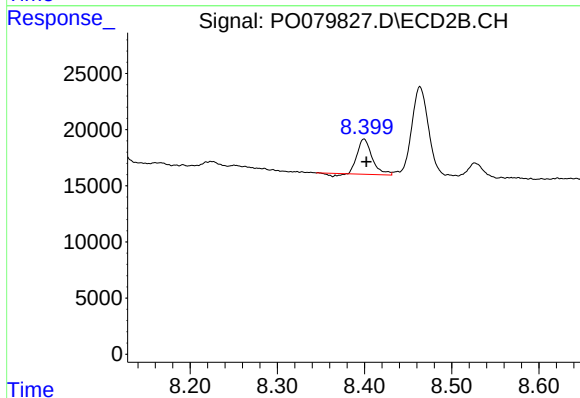
R.T.: 8.109 min
Delta R.T.: -0.002 min
Response: 134450
Conc: 48.73 ng/ml



#38 AR-1262-3

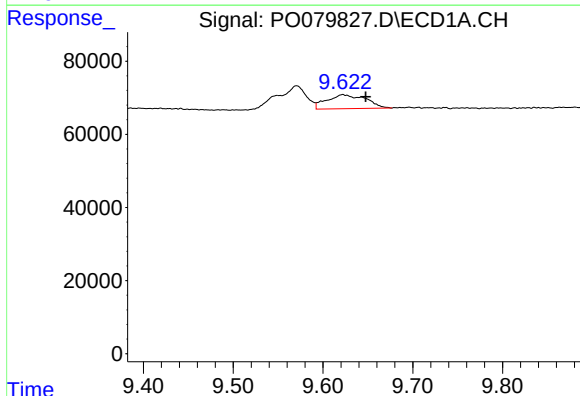
R.T.: 9.571 min
Delta R.T.: 0.021 min
Response: 144476
Conc: 39.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



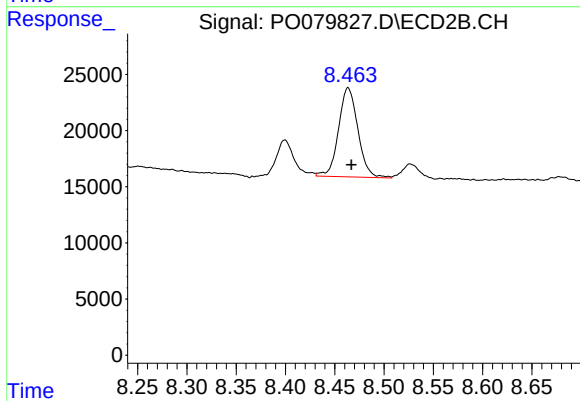
#38 AR-1262-3

R.T.: 8.399 min
Delta R.T.: -0.003 min
Response: 35775
Conc: 31.87 ng/ml



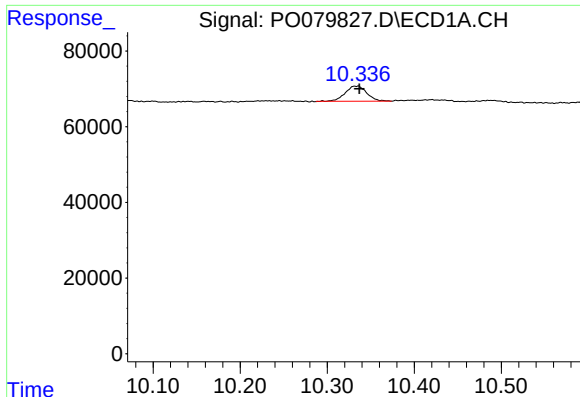
#39 AR-1262-4

R.T.: 9.622 min
Delta R.T.: -0.026 min
Response: 115672
Conc: 40.91 ng/ml



#39 AR-1262-4

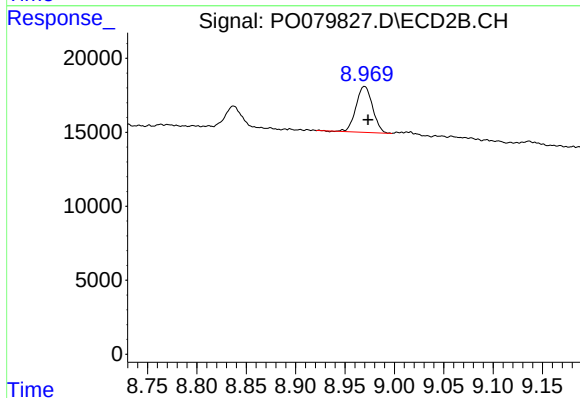
R.T.: 8.464 min
Delta R.T.: -0.003 min
Response: 108610
Conc: 53.70 ng/ml



#40 AR-1262-5

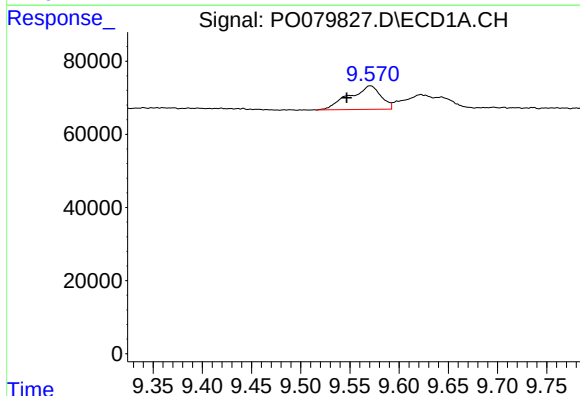
R.T.: 10.335 min
Delta R.T.: -0.002 min
Response: 68983
Conc: 36.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



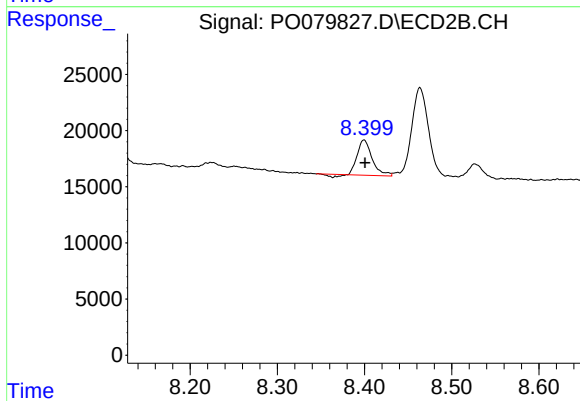
#40 AR-1262-5

R.T.: 8.970 min
Delta R.T.: -0.004 min
Response: 36117
Conc: 38.35 ng/ml



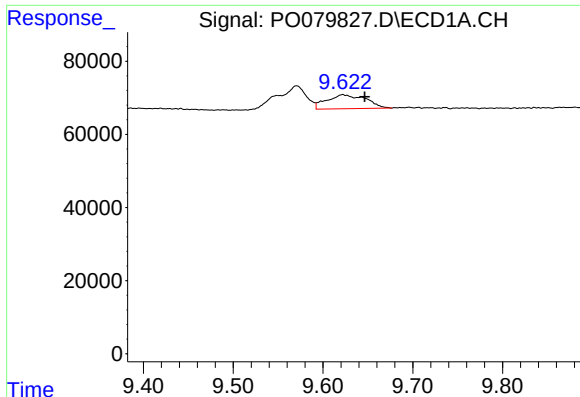
#41 AR-1268-1

R.T.: 9.571 min
Delta R.T.: 0.024 min
Response: 144476
Conc: 23.57 ng/ml



#41 AR-1268-1

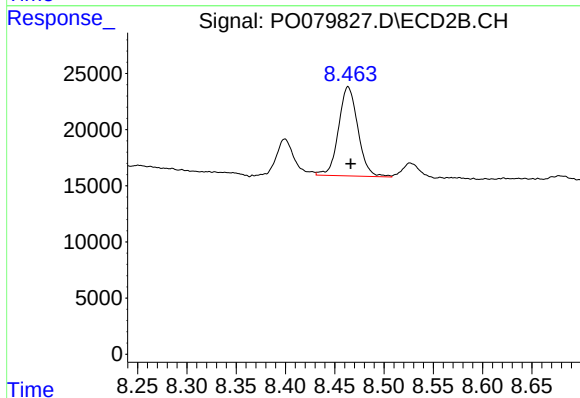
R.T.: 8.399 min
Delta R.T.: -0.001 min
Response: 35775
Conc: 11.33 ng/ml



#42 AR-1268-2

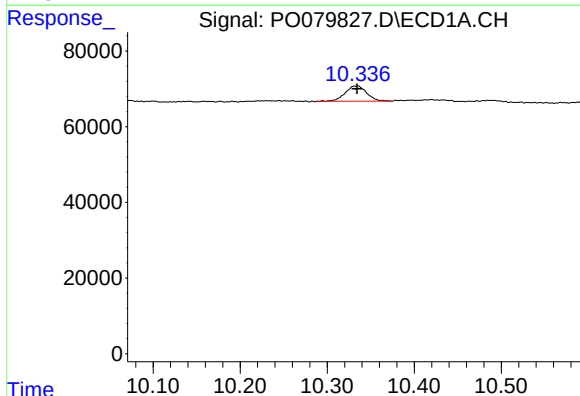
R.T.: 9.622 min
Delta R.T.: -0.025 min
Response: 115672
Conc: 20.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOQ-SOIL-02-QT3-2021



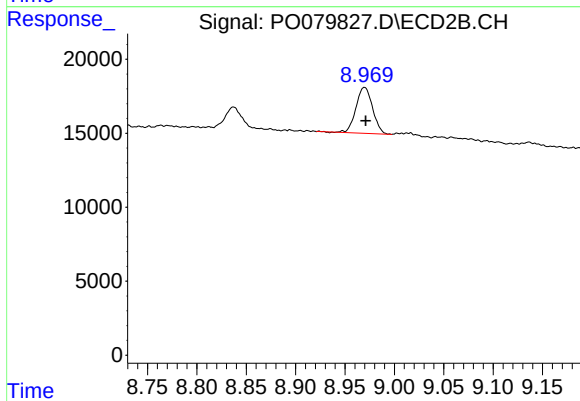
#42 AR-1268-2

R.T.: 8.464 min
Delta R.T.: -0.003 min
Response: 108610
Conc: 39.01 ng/ml



#44 AR-1268-4

R.T.: 10.335 min
Delta R.T.: 0.001 min
Response: 68983
Conc: 32.61 ng/ml



#44 AR-1268-4

R.T.: 8.970 min
Delta R.T.: -0.001 min
Response: 36117
Conc: 34.62 ng/ml