

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0072318\
 Data File : P0047043.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Jul 2018 23:07
 Operator : SM/SJ
 Sample : AR1248 LOD SOIL
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 AR1248 LOD SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 05:58:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0072318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 24 03:04:21 2018
 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...	4.398	3.650	3125140	3498287	18.639	18.240
2) SA Decachlor...	10.086	8.657	2285711	1986989	20.879	21.635
Target Compounds						
3) L1 AR-1016-1	5.299	4.515	42130	42116	12.952	12.397
4) L1 AR-1016-2	5.650	4.933	67101	57105	17.154	17.750
5) L1 AR-1016-3	5.745	4.974	60703	146740	18.855	55.895 #
6) L1 AR-1016-4	6.041	5.015	159816	129384	50.650	41.592
7) L1 AR-1016-5	6.181	5.187	129725	164214	39.277	47.553
9) L2 AR-1221-2	4.703	3.950	39014	32069	32.836	26.765
10) L2 AR-1221-3	4.703	0.000	39014	0	10.524	N.D. #
11) L3 AR-1232-1	5.104	4.326	45733	116043	30.536	73.829 #
12) L3 AR-1232-2	5.566	4.738	103188	113914	50.642	57.128
13) L3 AR-1232-3	5.588	4.756	113127	119798	38.901	38.754
14) L3 AR-1232-4	5.650	4.812	67101	55560	37.607	30.474
15) L3 AR-1232-5	5.745	4.974	60703	146740	42.848	145.998 #
16) L4 AR-1242-1	5.588	4.756	113127	119798	19.517	20.822
17) L4 AR-1242-2	5.650	4.933	67101	57105	18.915	19.850
18) L4 AR-1242-3	5.745	5.015	60703	129384	21.393	45.292 #
19) L4 AR-1242-4	6.041	5.187	159816	164214	55.573	53.748
20) L4 AR-1242-5	6.181	5.335	129725	144654	41.878	44.776
21) L5 AR-1248-1	6.041	5.187	159816	164214	34.179	32.758
22) L5 AR-1248-2	6.181	5.335	129725	144654	32.731	34.518
23) L5 AR-1248-3	6.444	5.538	168850	217184	33.259	33.879
24) L5 AR-1248-4	6.482	5.579	154343	170617	32.312	38.121
25) L5 AR-1248-5	6.678	6.089	105054	88852	32.804	32.109
26) L6 AR-1254-1	6.637	5.538	164823	217184	20.046	30.403 #
27) L6 AR-1254-2	6.915	5.684	68021	77256	13.853	12.755
28) L6 AR-1254-3	7.000	6.089	97607	88852	11.357	9.437
29) L6 AR-1254-4	7.284	6.316	66619	79203	10.431	13.733 #
30) L6 AR-1254-5	7.559	6.631	75982	68672	16.002	17.297
31) L7 AR-1260-1	7.126	6.234	43770	45998	7.288	7.760
32) L7 AR-1260-2	7.420	0.000	23697	0	3.243	N.D. #
33) L7 AR-1260-3	7.708	0.000	30994	0	3.614	N.D. #
34) L7 AR-1260-4	8.317	7.270	39510	41821	3.264	3.586
35) L7 AR-1260-5	0.000	7.616	0	81809	N.D.	9.866 #
36) L8 AR-1262-1	7.126	0.000	43770	0	8.132	N.D. #
37) L8 AR-1262-2	7.420	6.631	23697	68672	3.681	11.219 #
38) L8 AR-1262-3	7.708	0.000	30994	0	3.756	N.D. #
39) L8 AR-1262-4	8.005	0.000	8087	0	1.012	N.D. #

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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
40) L8	AR-1262-5	8.317	7.270	39510	41821	2.652	2.988
41) L9	AR-1268-1	0.000	7.616	0	81809	N.D.	6.004 #
42) L9	AR-1268-2	0.000	7.616	0	81809	N.D.	6.518 #

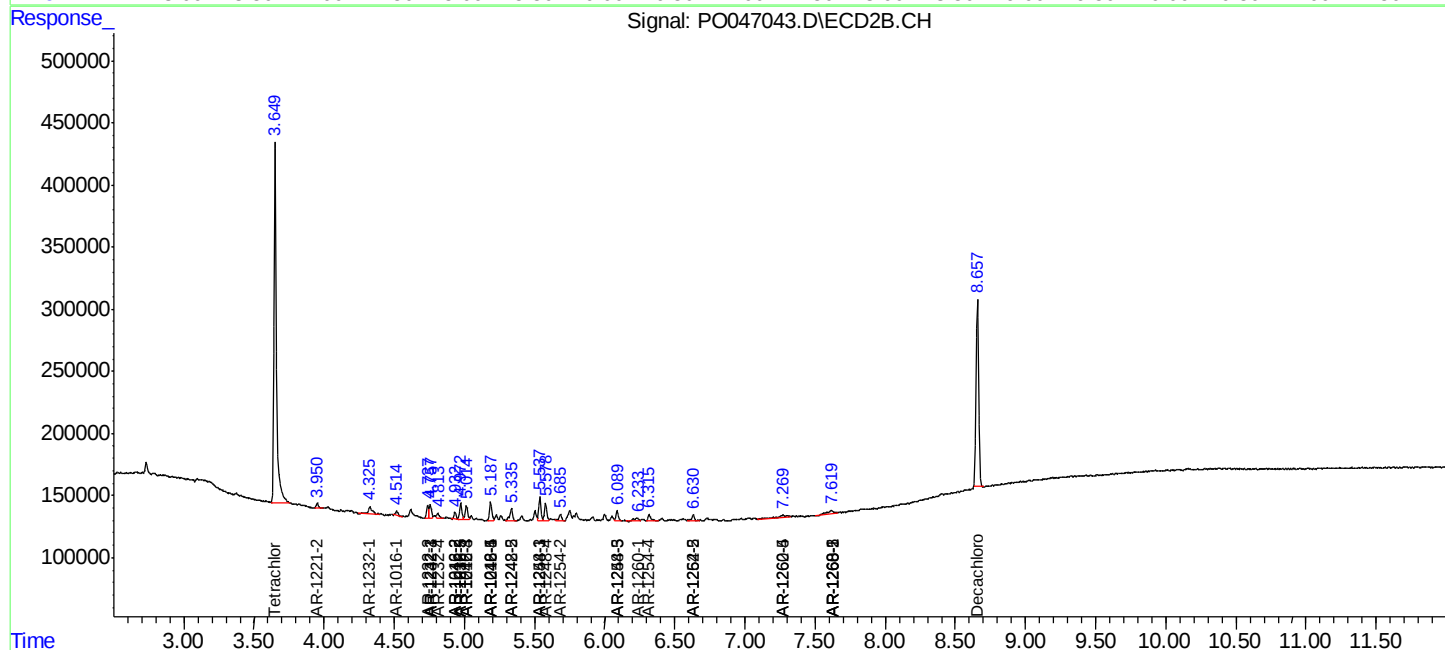
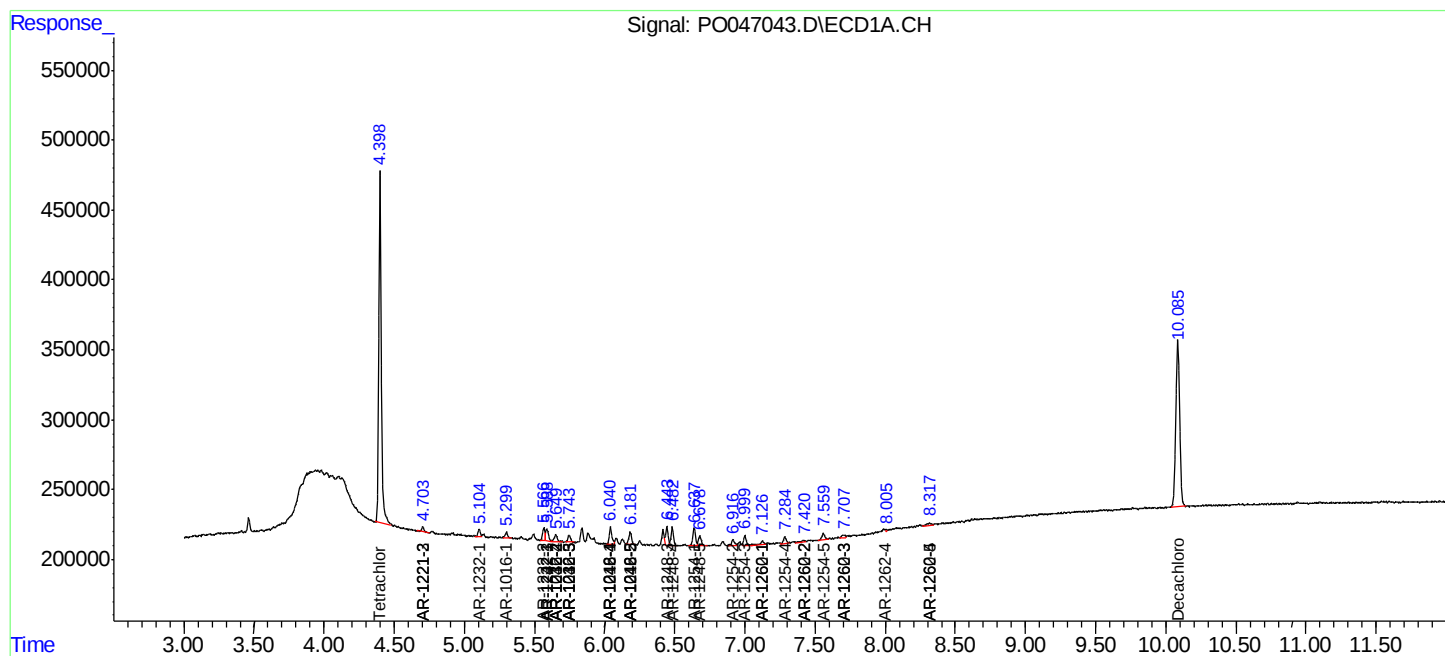
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

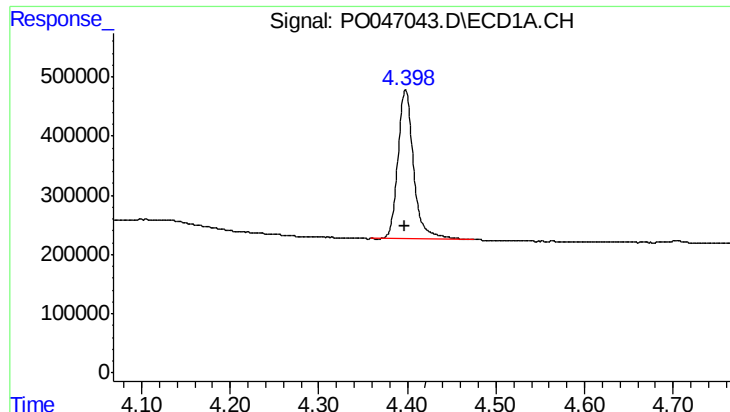
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0072318\
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

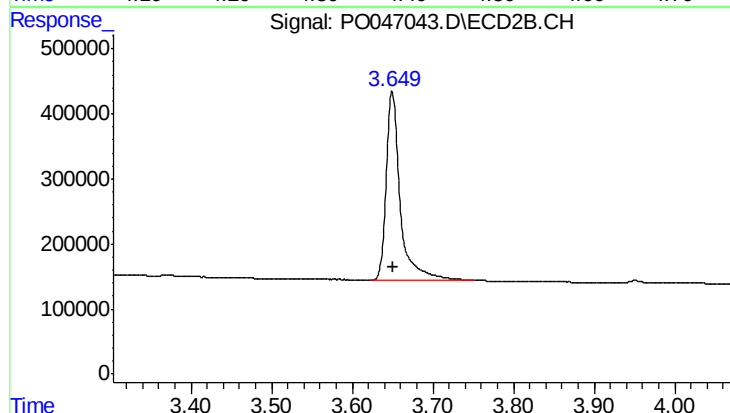




#1 Tetrachloro-m-xylene

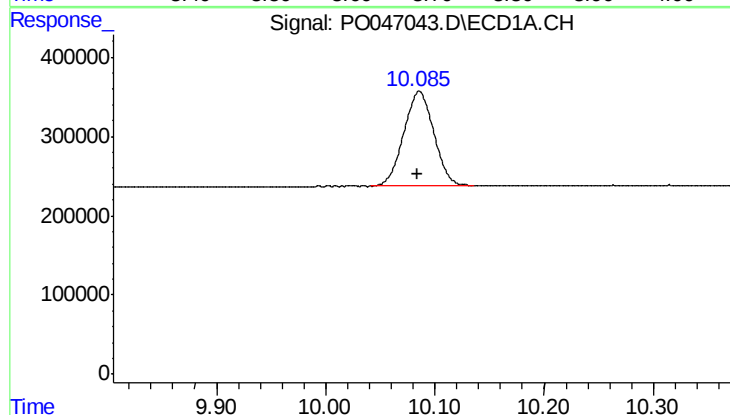
R.T.: 4.398 min
Delta R.T.: 0.001 min
Response: 3125140
Conc: 18.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



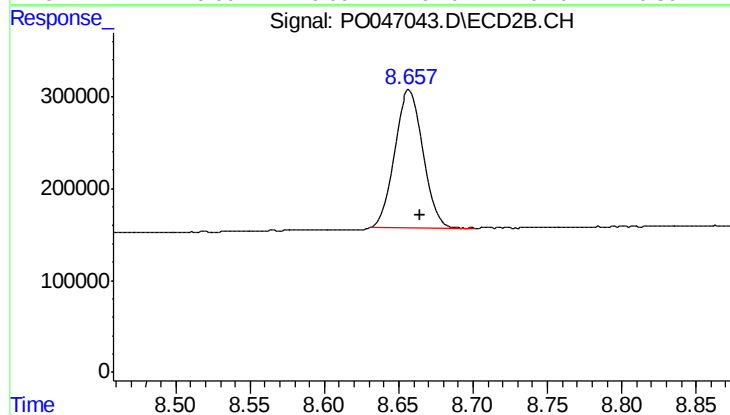
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: -0.001 min
Response: 3498287
Conc: 18.24 ng/ml



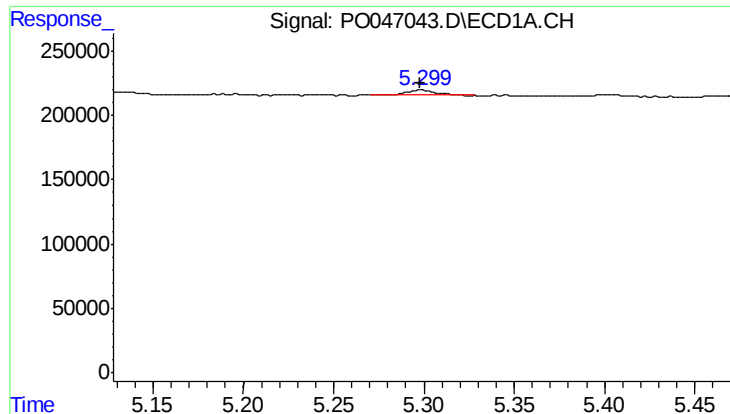
#2 Decachlorobiphenyl

R.T.: 10.086 min
Delta R.T.: 0.001 min
Response: 2285711
Conc: 20.88 ng/ml



#2 Decachlorobiphenyl

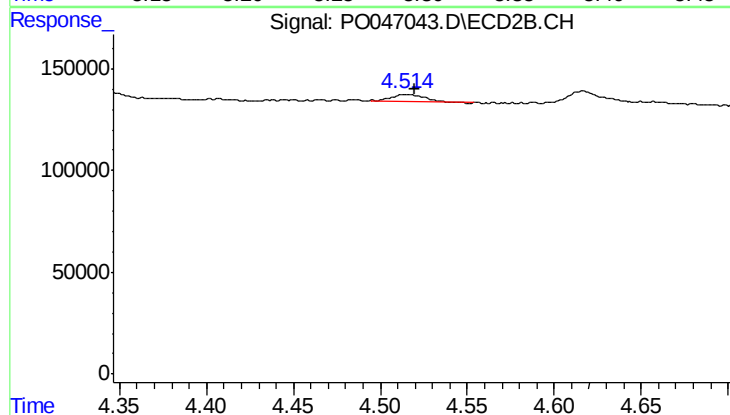
R.T.: 8.657 min
Delta R.T.: -0.007 min
Response: 1986989
Conc: 21.64 ng/ml



#3 AR-1016-1

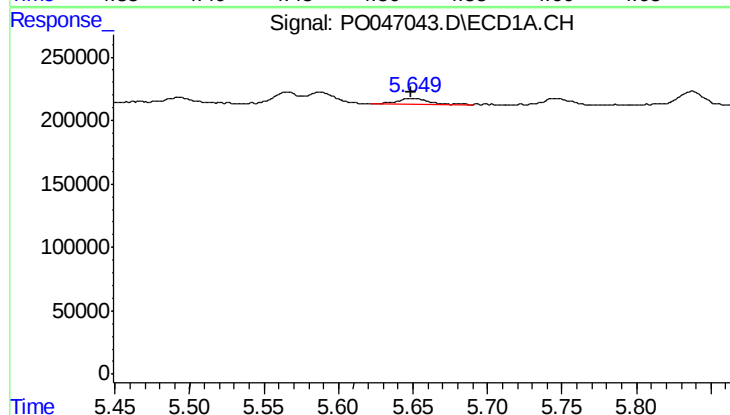
R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 42130
Conc: 12.95 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



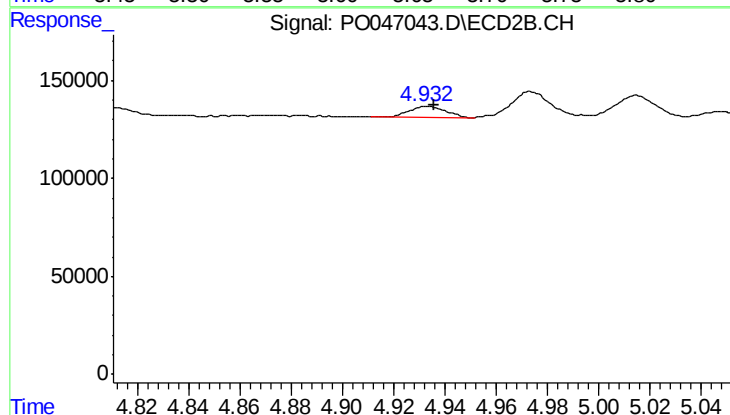
#3 AR-1016-1

R.T.: 4.515 min
Delta R.T.: -0.005 min
Response: 42116
Conc: 12.40 ng/ml



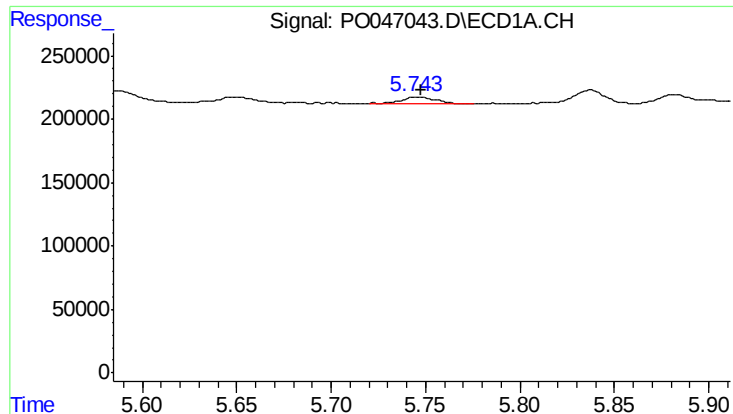
#4 AR-1016-2

R.T.: 5.650 min
Delta R.T.: 0.001 min
Response: 67101
Conc: 17.15 ng/ml



#4 AR-1016-2

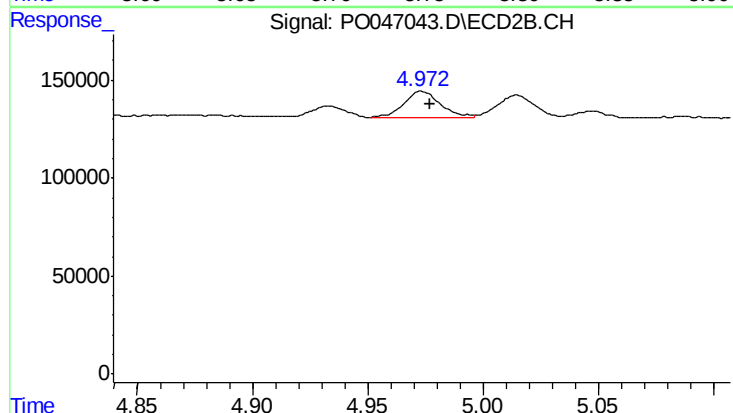
R.T.: 4.933 min
Delta R.T.: -0.002 min
Response: 57105
Conc: 17.75 ng/ml



#5 AR-1016-3

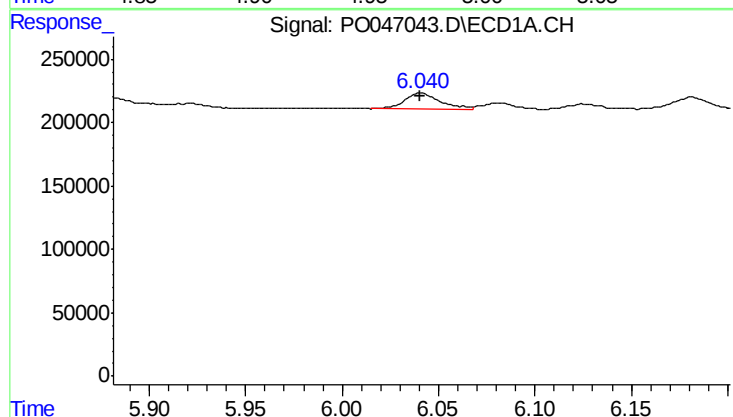
R.T.: 5.745 min
Delta R.T.: -0.003 min
Response: 60703
Conc: 18.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



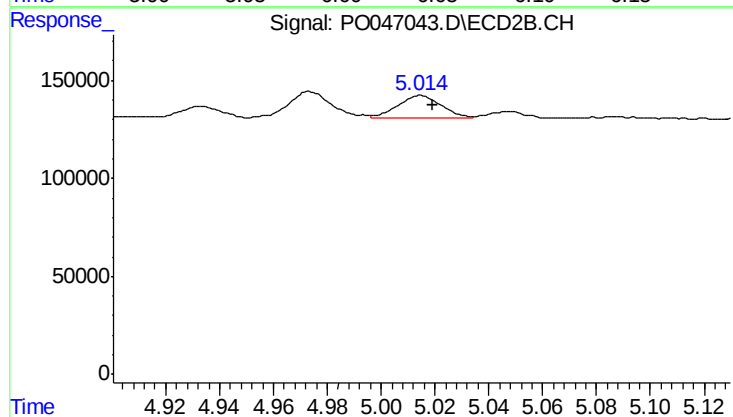
#5 AR-1016-3

R.T.: 4.974 min
Delta R.T.: -0.003 min
Response: 146740
Conc: 55.89 ng/ml



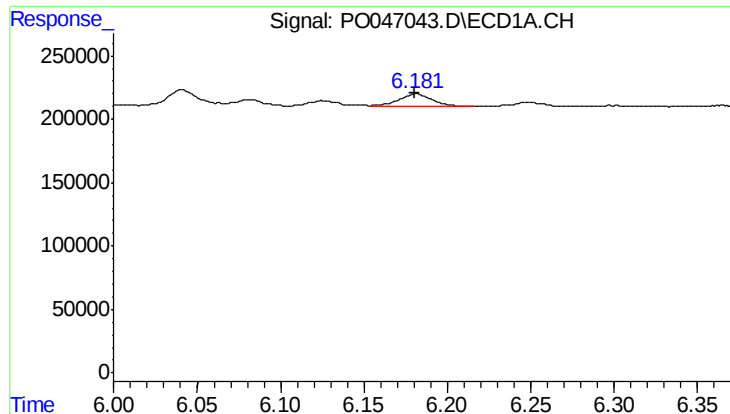
#6 AR-1016-4

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 159816
Conc: 50.65 ng/ml



#6 AR-1016-4

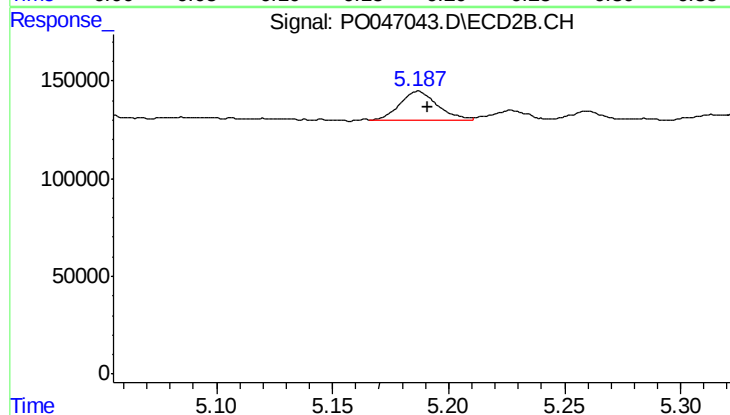
R.T.: 5.015 min
Delta R.T.: -0.004 min
Response: 129384
Conc: 41.59 ng/ml



#7 AR-1016-5

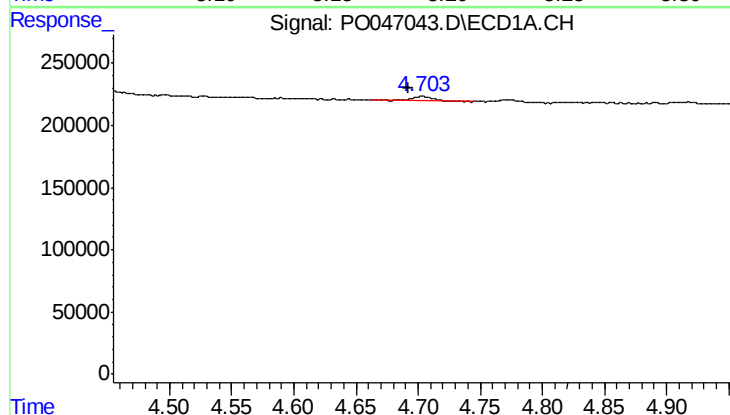
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 129725
Conc: 39.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



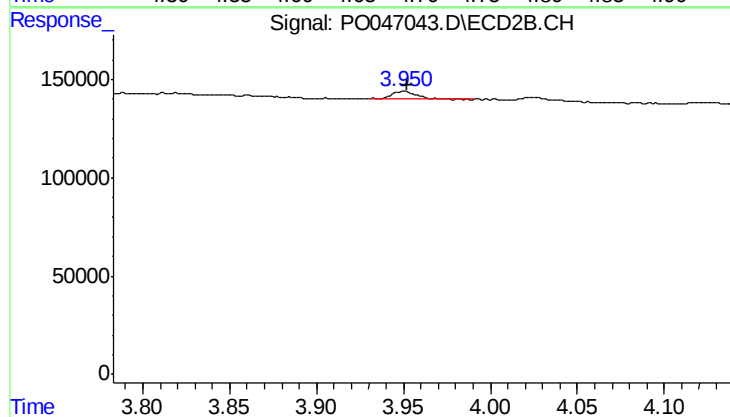
#7 AR-1016-5

R.T.: 5.187 min
Delta R.T.: -0.004 min
Response: 164214
Conc: 47.55 ng/ml



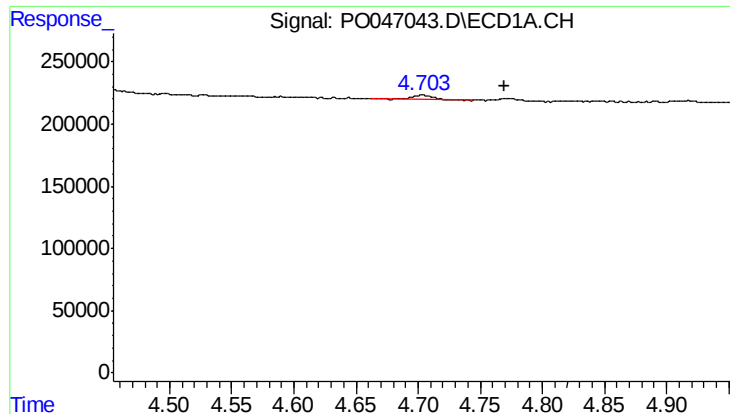
#9 AR-1221-2

R.T.: 4.703 min
Delta R.T.: 0.011 min
Response: 39014
Conc: 32.84 ng/ml



#9 AR-1221-2

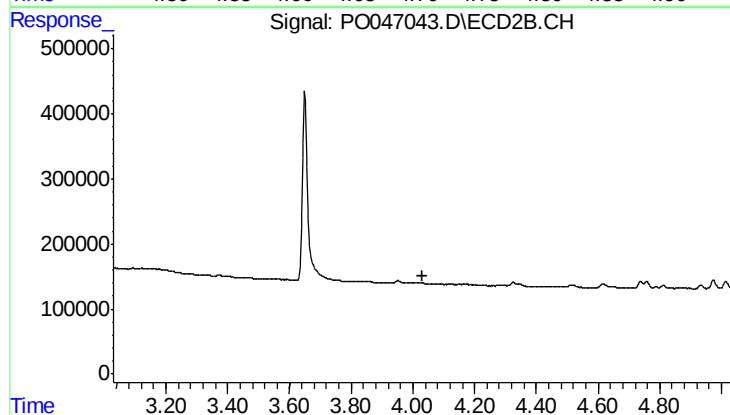
R.T.: 3.950 min
Delta R.T.: -0.002 min
Response: 32069
Conc: 26.76 ng/ml



#10 AR-1221-3

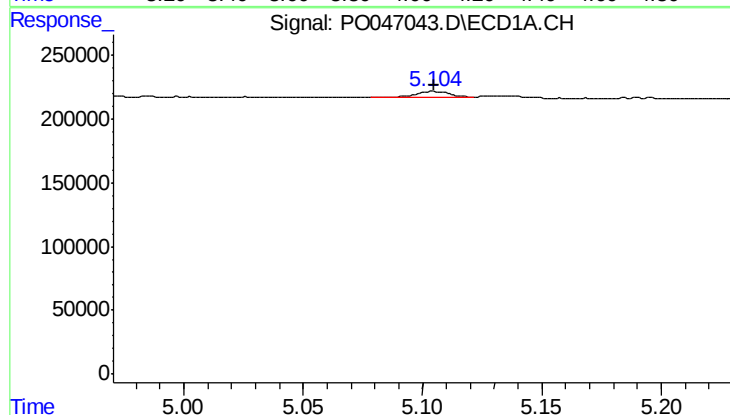
R.T.: 4.703 min
Delta R.T.: -0.066 min
Response: 39014
Conc: 10.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



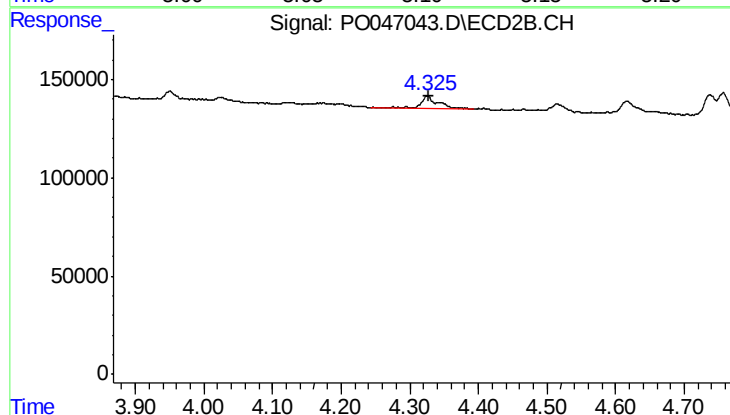
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T.: 4.029 min
Response: 0
Conc: N.D.



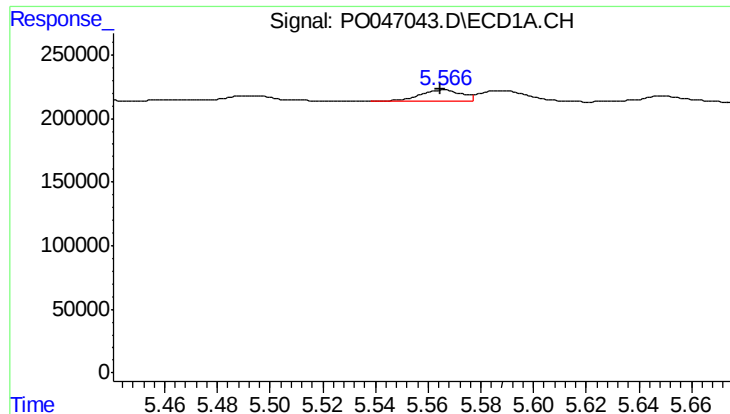
#11 AR-1232-1

R.T.: 5.104 min
Delta R.T.: 0.000 min
Response: 45733
Conc: 30.54 ng/ml



#11 AR-1232-1

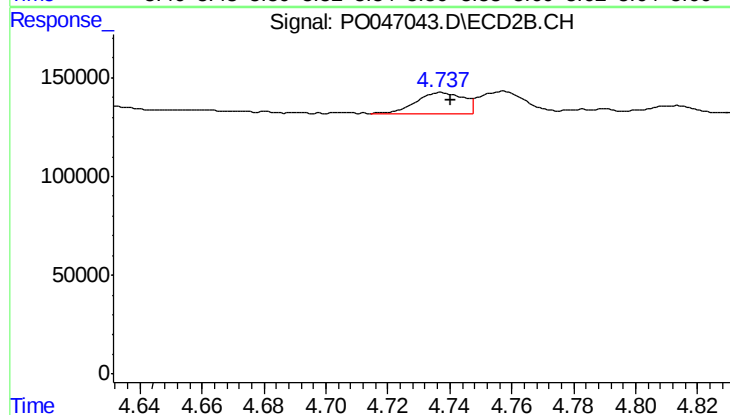
R.T.: 4.326 min
Delta R.T.: -0.002 min
Response: 116043
Conc: 73.83 ng/ml



#12 AR-1232-2

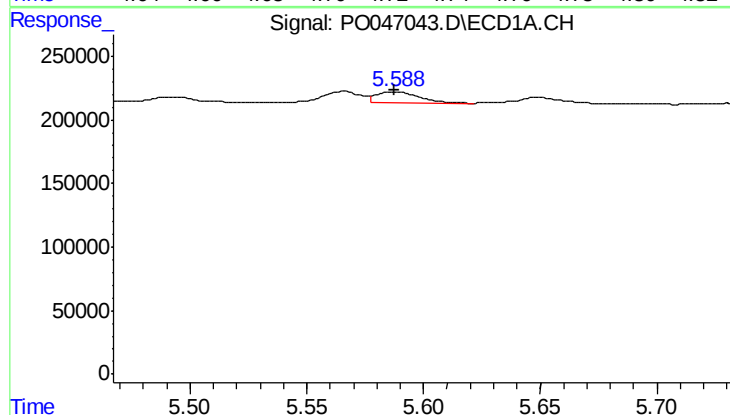
R.T.: 5.566 min
Delta R.T.: 0.001 min
Response: 103188
Conc: 50.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



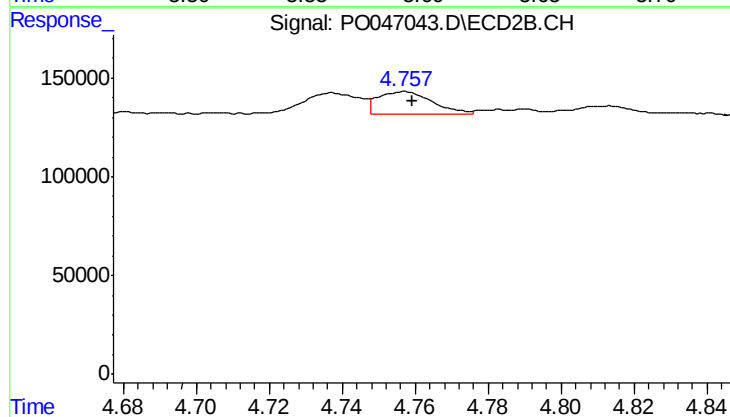
#12 AR-1232-2

R.T.: 4.738 min
Delta R.T.: -0.003 min
Response: 113914
Conc: 57.13 ng/ml



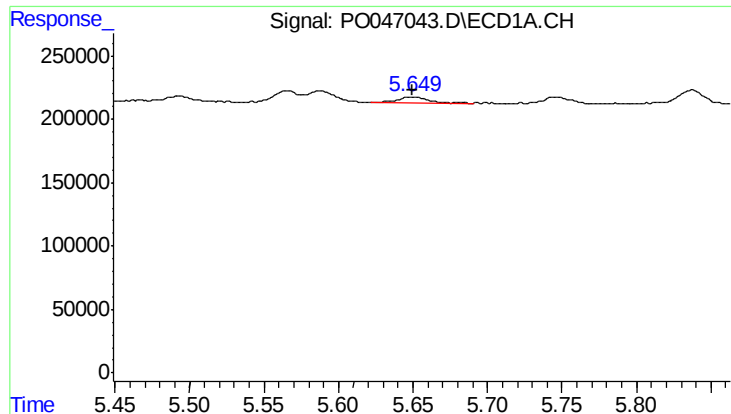
#13 AR-1232-3

R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 113127
Conc: 38.90 ng/ml



#13 AR-1232-3

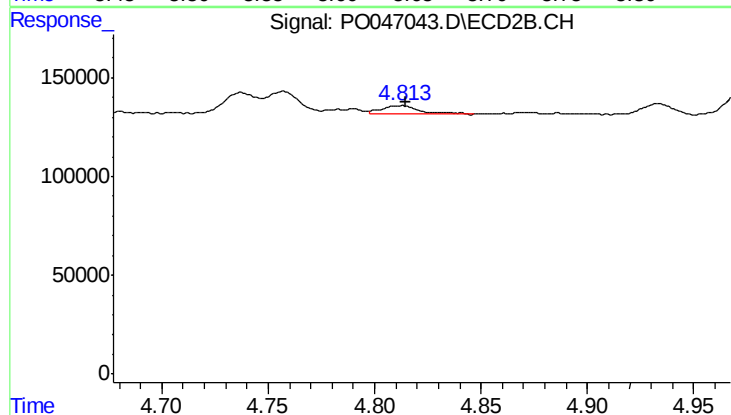
R.T.: 4.756 min
Delta R.T.: -0.003 min
Response: 119798
Conc: 38.75 ng/ml



#14 AR-1232-4

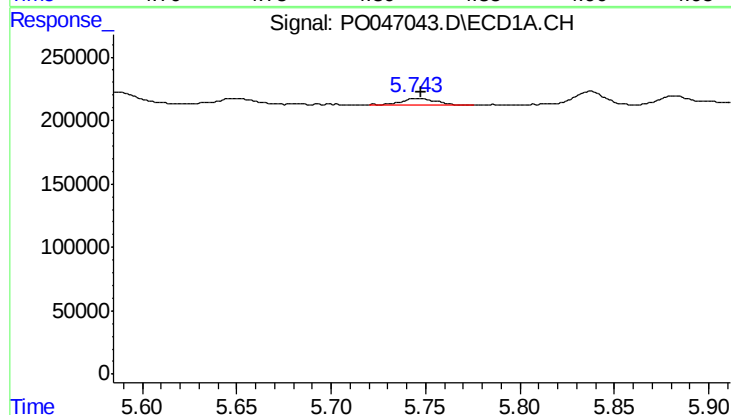
R.T.: 5.650 min
Delta R.T.: 0.000 min
Response: 67101
Conc: 37.61 ng/ml

Instrument :
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ClientSampleId :
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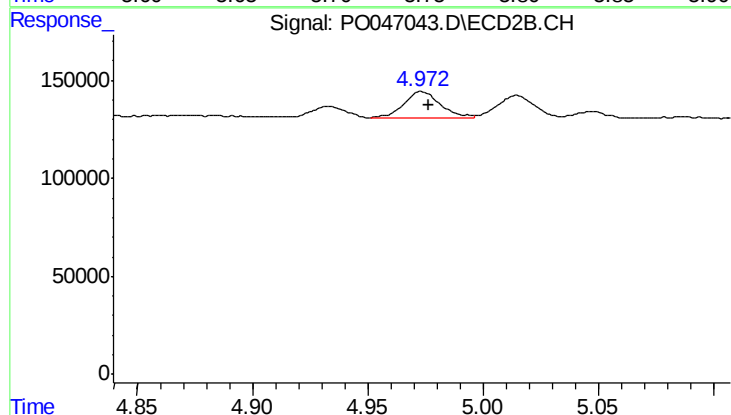
#14 AR-1232-4

R.T.: 4.812 min
Delta R.T.: -0.003 min
Response: 55560
Conc: 30.47 ng/ml



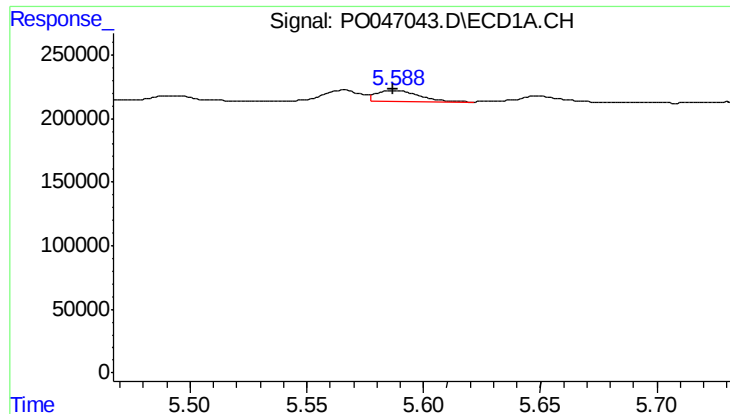
#15 AR-1232-5

R.T.: 5.745 min
Delta R.T.: -0.003 min
Response: 60703
Conc: 42.85 ng/ml



#15 AR-1232-5

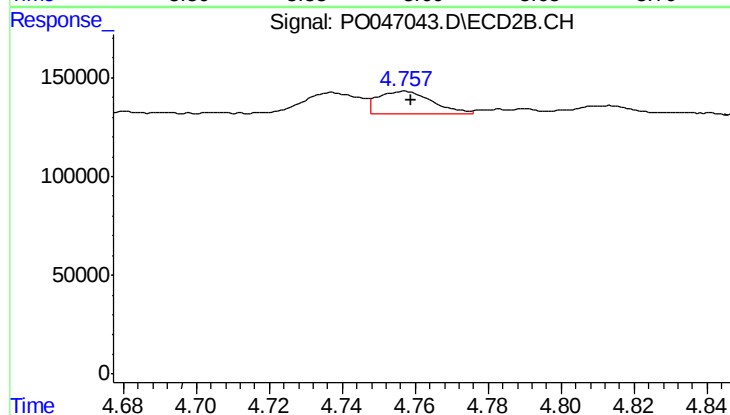
R.T.: 4.974 min
Delta R.T.: -0.003 min
Response: 146740
Conc: 146.00 ng/ml



#16 AR-1242-1

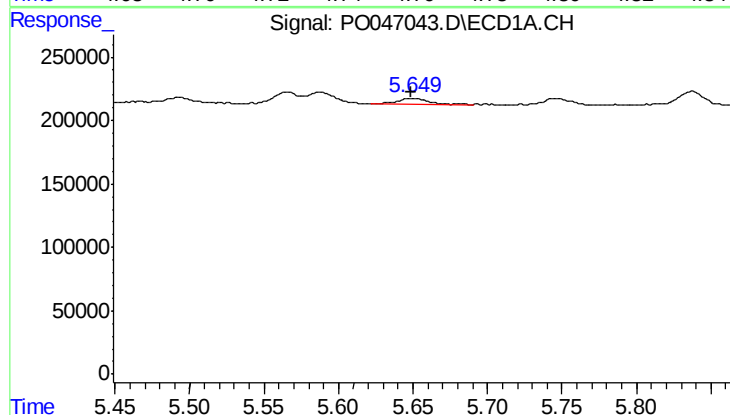
R.T.: 5.588 min
Delta R.T.: 0.001 min
Response: 113127
Conc: 19.52 ng/ml

Instrument :
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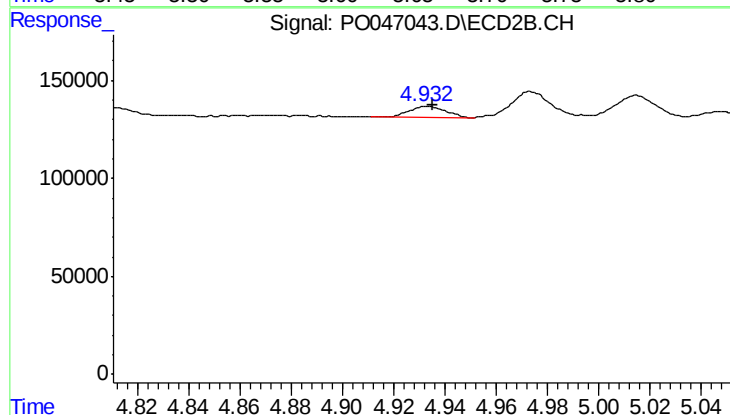
#16 AR-1242-1

R.T.: 4.756 min
Delta R.T.: -0.002 min
Response: 119798
Conc: 20.82 ng/ml



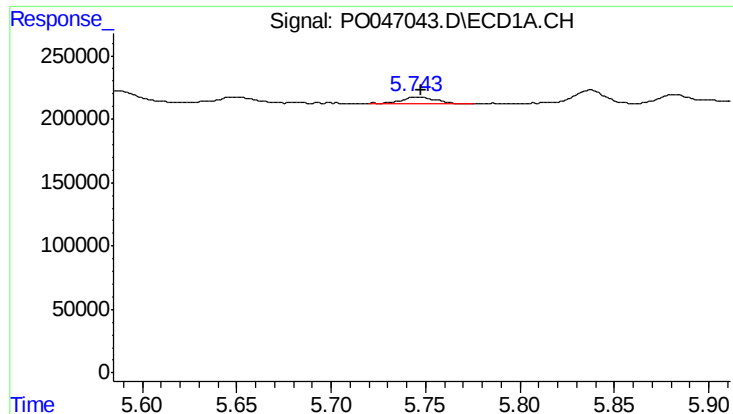
#17 AR-1242-2

R.T.: 5.650 min
Delta R.T.: 0.000 min
Response: 67101
Conc: 18.92 ng/ml



#17 AR-1242-2

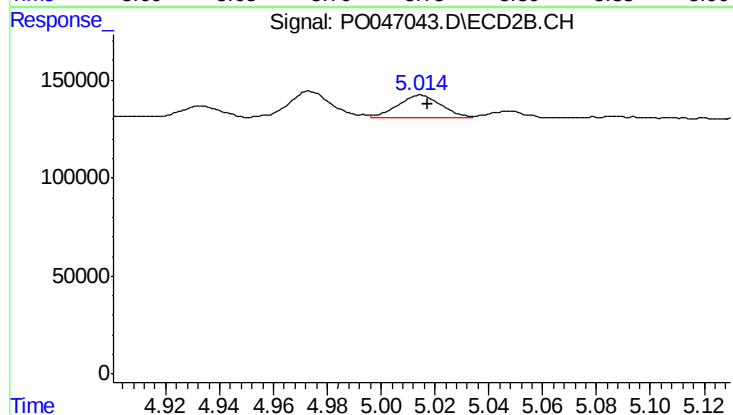
R.T.: 4.933 min
Delta R.T.: -0.002 min
Response: 57105
Conc: 19.85 ng/ml



#18 AR-1242-3

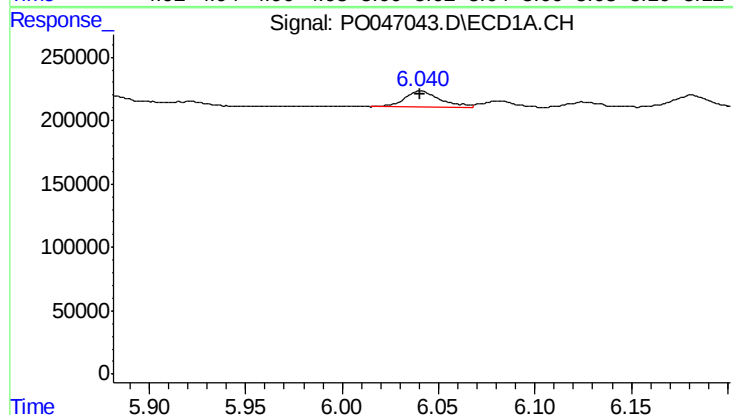
R.T.: 5.745 min
Delta R.T.: -0.003 min
Response: 60703
Conc: 21.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



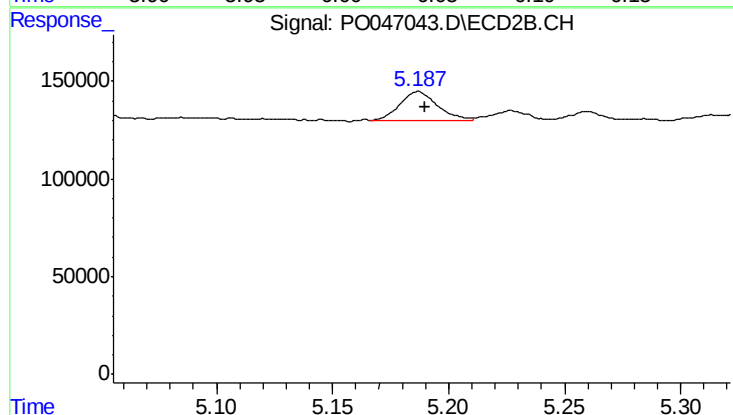
#18 AR-1242-3

R.T.: 5.015 min
Delta R.T.: -0.003 min
Response: 129384
Conc: 45.29 ng/ml



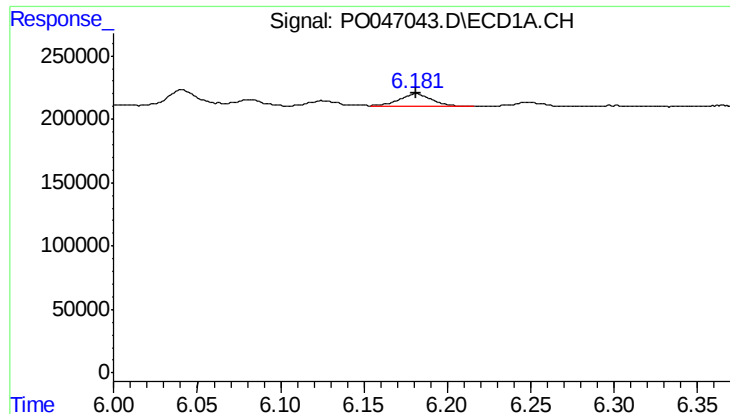
#19 AR-1242-4

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 159816
Conc: 55.57 ng/ml



#19 AR-1242-4

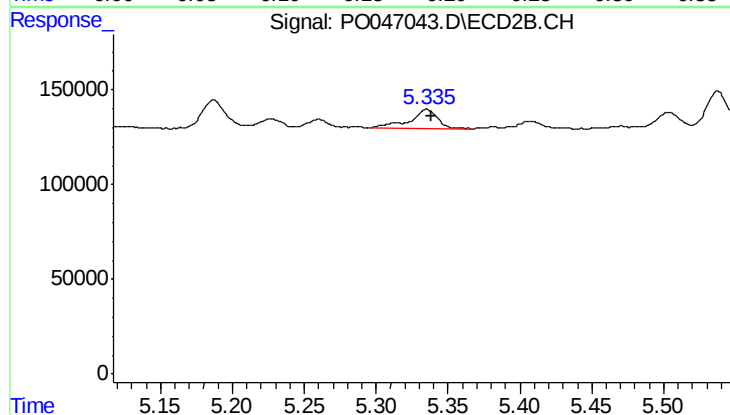
R.T.: 5.187 min
Delta R.T.: -0.003 min
Response: 164214
Conc: 53.75 ng/ml



#20 AR-1242-5

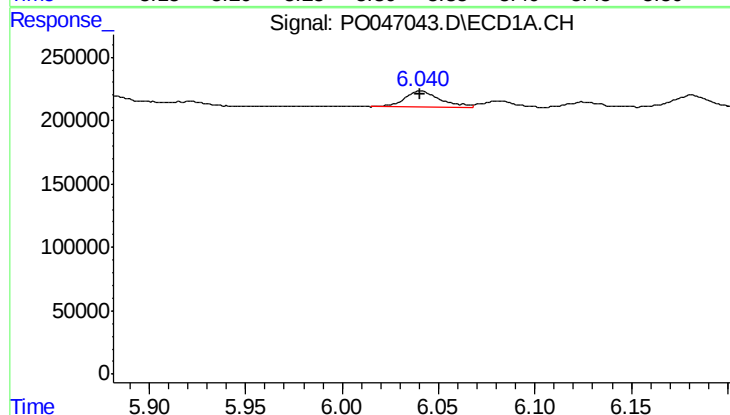
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 129725
Conc: 41.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



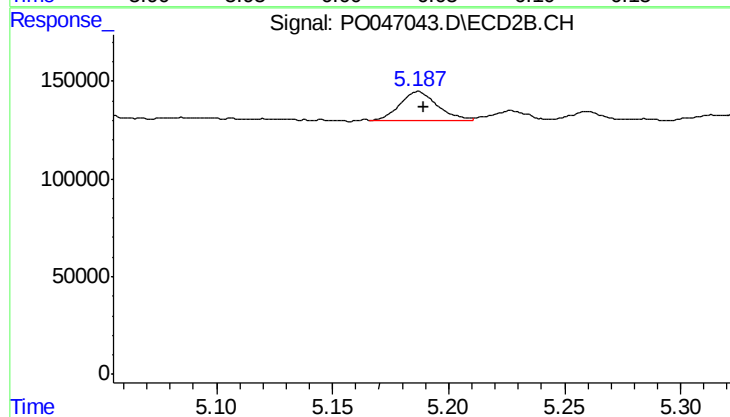
#20 AR-1242-5

R.T.: 5.335 min
Delta R.T.: -0.003 min
Response: 144654
Conc: 44.78 ng/ml



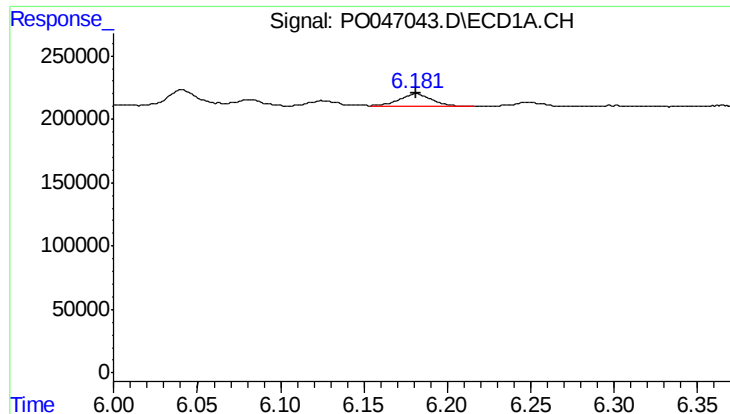
#21 AR-1248-1

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 159816
Conc: 34.18 ng/ml



#21 AR-1248-1

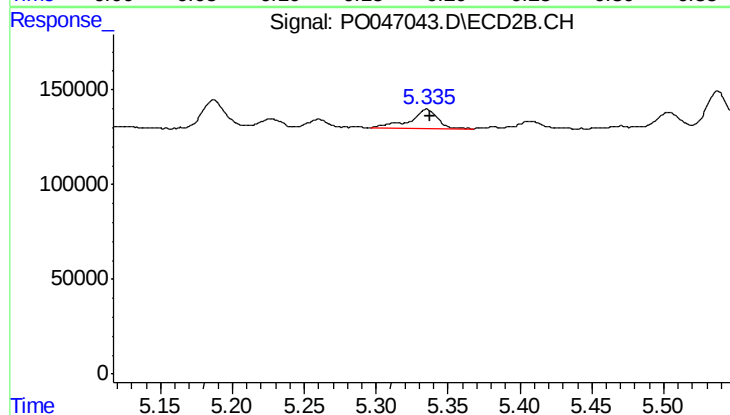
R.T.: 5.187 min
Delta R.T.: -0.002 min
Response: 164214
Conc: 32.76 ng/ml



#22 AR-1248-2

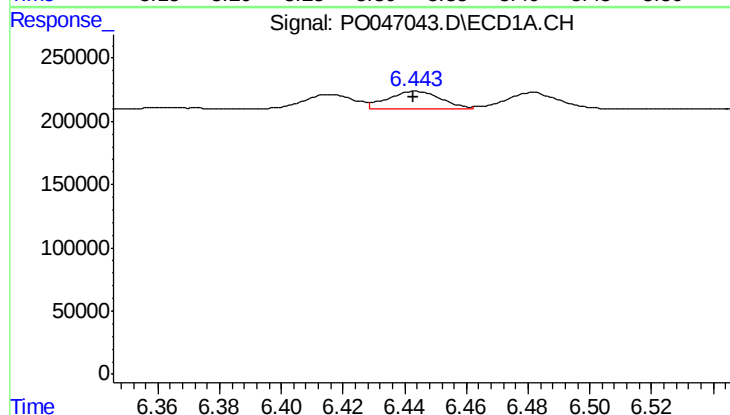
R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 129725
Conc: 32.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



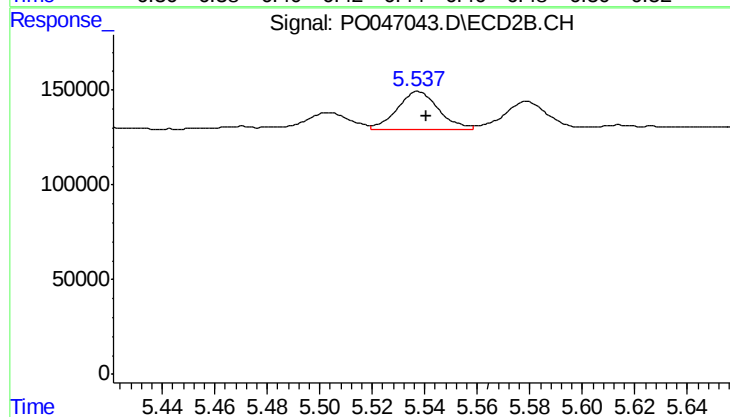
#22 AR-1248-2

R.T.: 5.335 min
Delta R.T.: -0.003 min
Response: 144654
Conc: 34.52 ng/ml



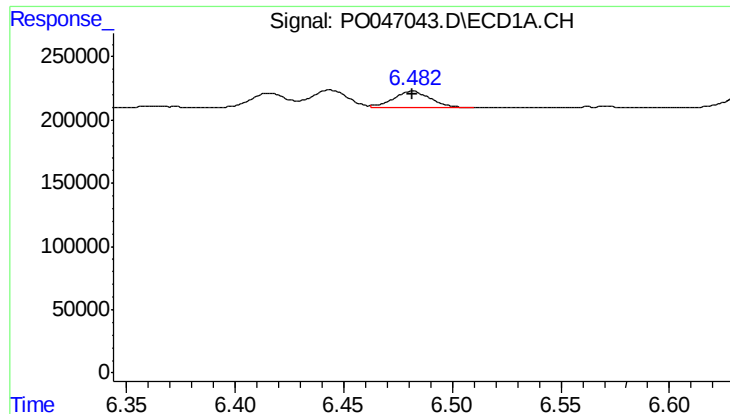
#23 AR-1248-3

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 168850
Conc: 33.26 ng/ml



#23 AR-1248-3

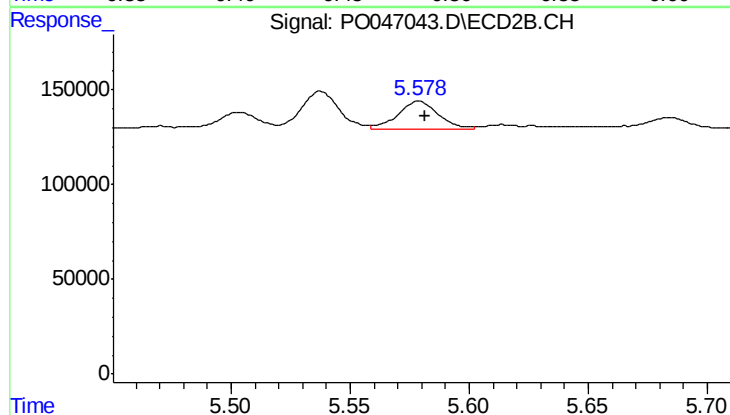
R.T.: 5.538 min
Delta R.T.: -0.003 min
Response: 217184
Conc: 33.88 ng/ml



#24 AR-1248-4

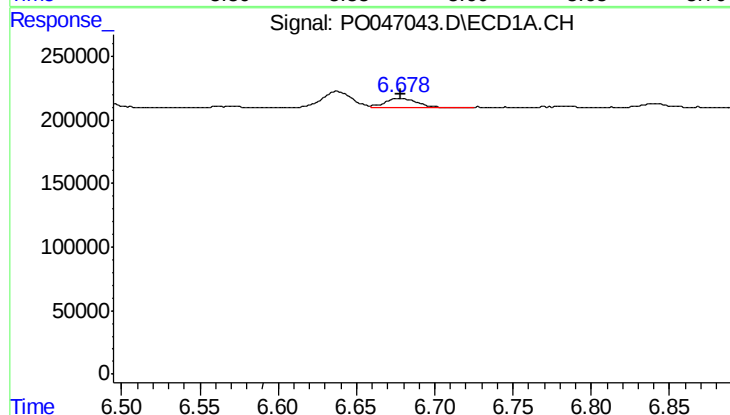
R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 154343
Conc: 32.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



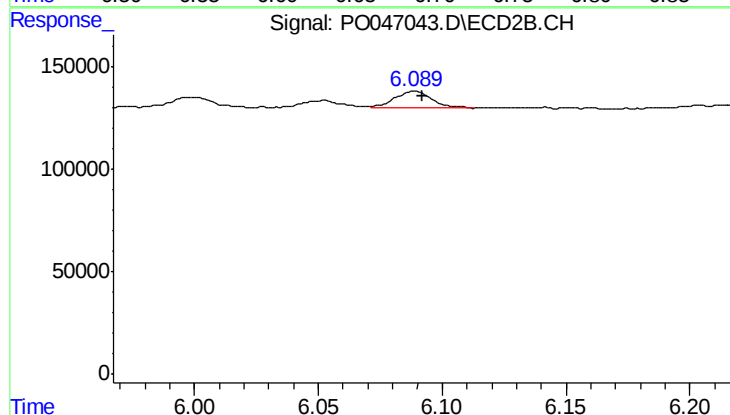
#24 AR-1248-4

R.T.: 5.579 min
Delta R.T.: -0.003 min
Response: 170617
Conc: 38.12 ng/ml



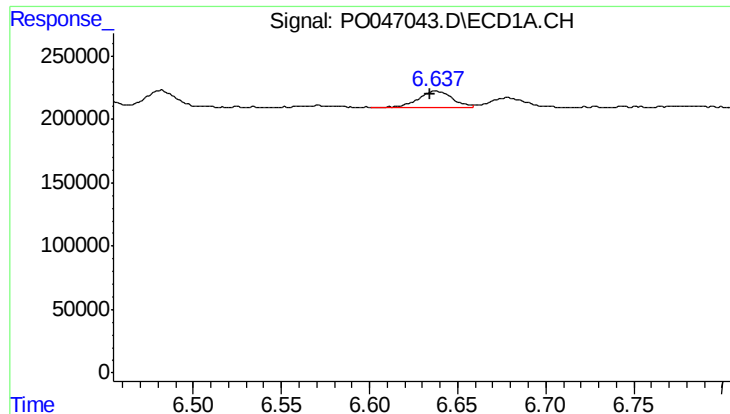
#25 AR-1248-5

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 105054
Conc: 32.80 ng/ml



#25 AR-1248-5

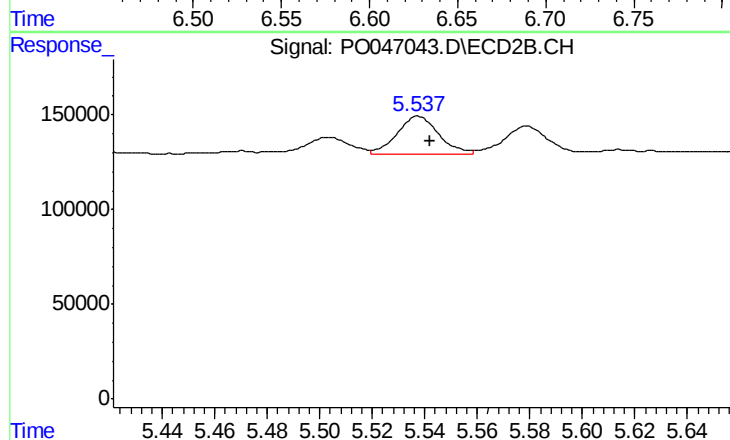
R.T.: 6.089 min
Delta R.T.: -0.003 min
Response: 88852
Conc: 32.11 ng/ml



#26 AR-1254-1

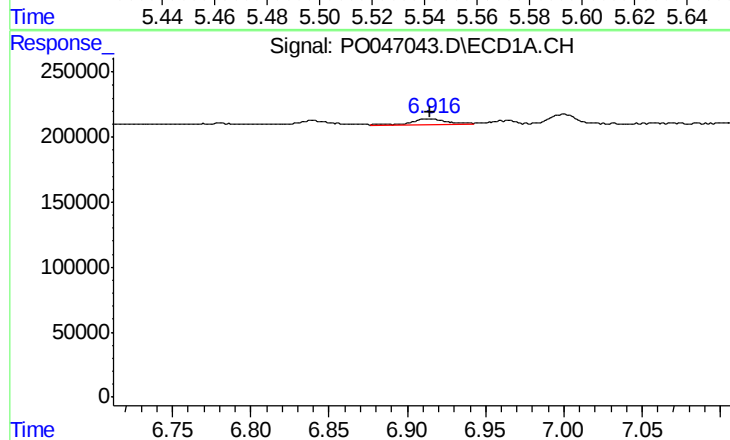
R.T.: 6.637 min
Delta R.T.: 0.003 min
Response: 164823
Conc: 20.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



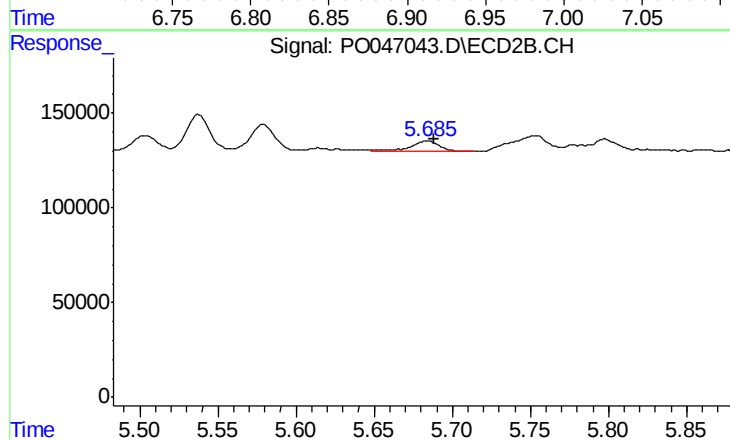
#26 AR-1254-1

R.T.: 5.538 min
Delta R.T.: -0.004 min
Response: 217184
Conc: 30.40 ng/ml



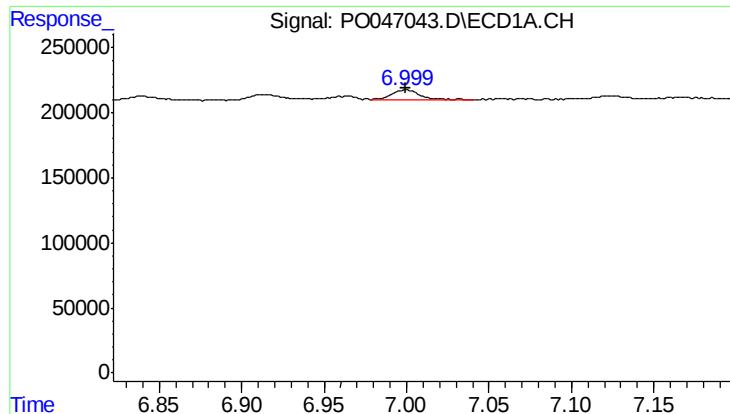
#27 AR-1254-2

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 68021
Conc: 13.85 ng/ml



#27 AR-1254-2

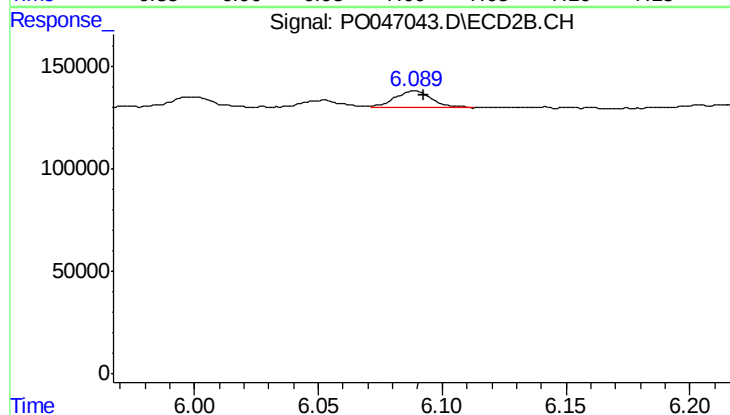
R.T.: 5.684 min
Delta R.T.: -0.004 min
Response: 77256
Conc: 12.75 ng/ml



#28 AR-1254-3

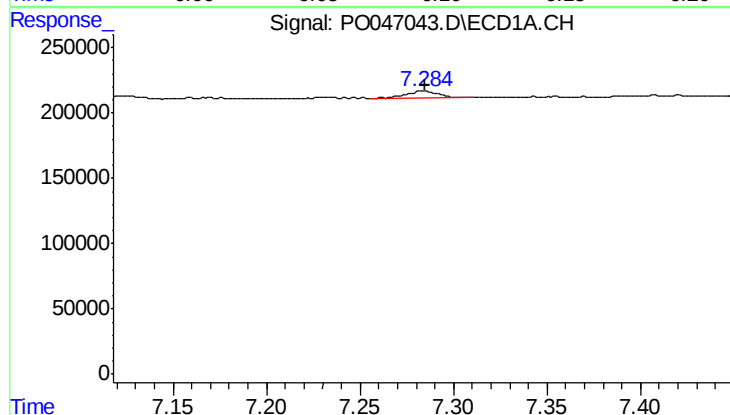
R.T.: 7.000 min
Delta R.T.: 0.000 min
Response: 97607
Conc: 11.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



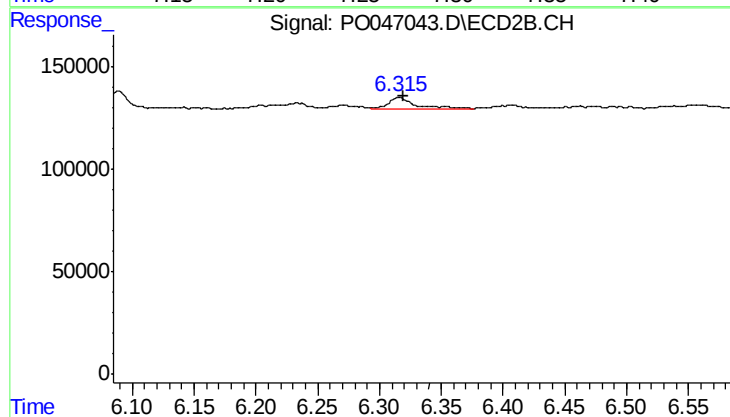
#28 AR-1254-3

R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 88852
Conc: 9.44 ng/ml



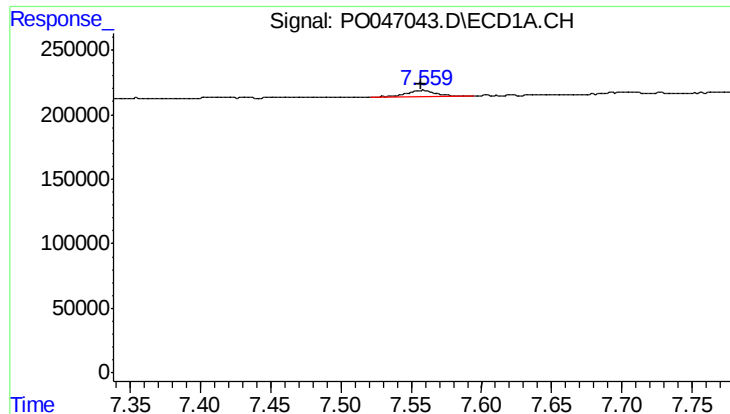
#29 AR-1254-4

R.T.: 7.284 min
Delta R.T.: 0.000 min
Response: 66619
Conc: 10.43 ng/ml



#29 AR-1254-4

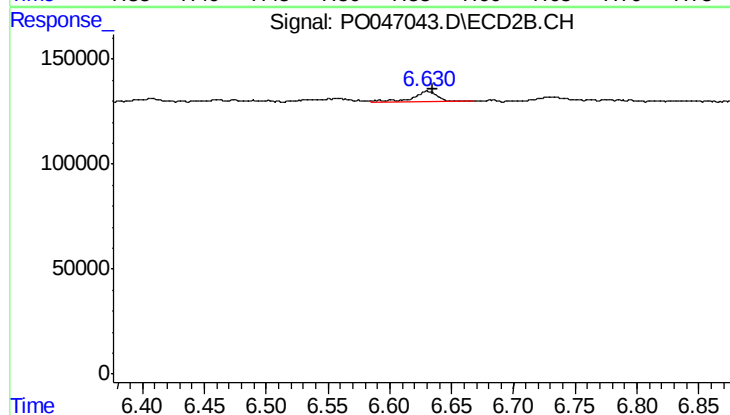
R.T.: 6.316 min
Delta R.T.: -0.003 min
Response: 79203
Conc: 13.73 ng/ml



#30 AR-1254-5

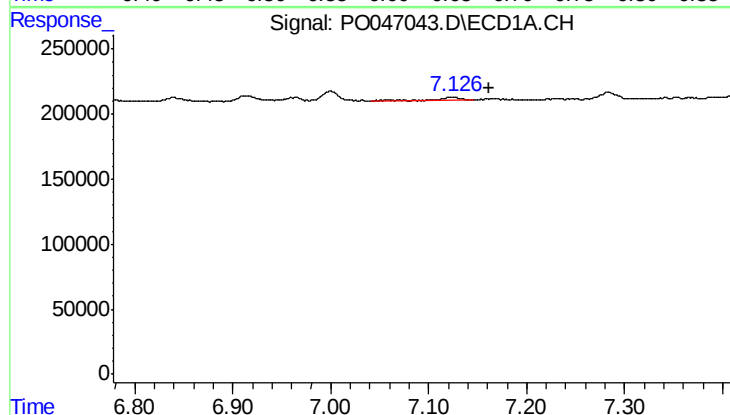
R.T.: 7.559 min
Delta R.T.: 0.002 min
Response: 75982
Conc: 16.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



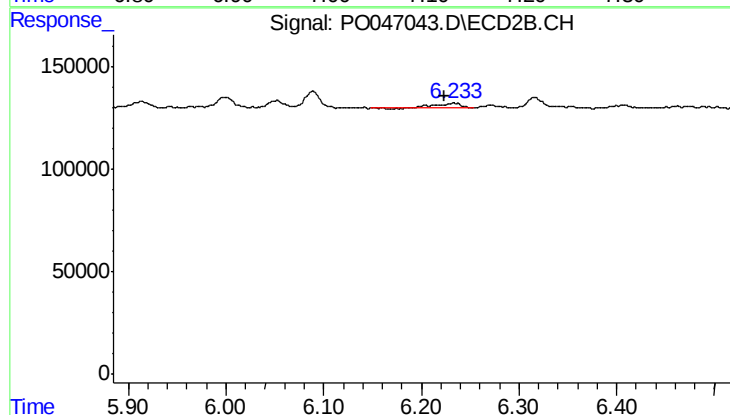
#30 AR-1254-5

R.T.: 6.631 min
Delta R.T.: -0.004 min
Response: 68672
Conc: 17.30 ng/ml



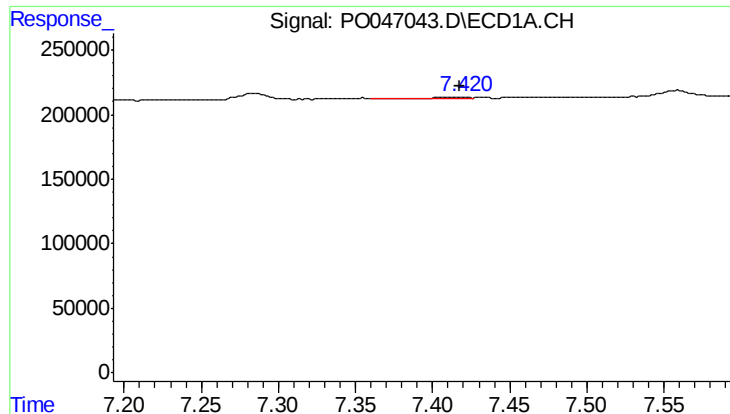
#31 AR-1260-1

R.T.: 7.126 min
Delta R.T.: -0.036 min
Response: 43770
Conc: 7.29 ng/ml



#31 AR-1260-1

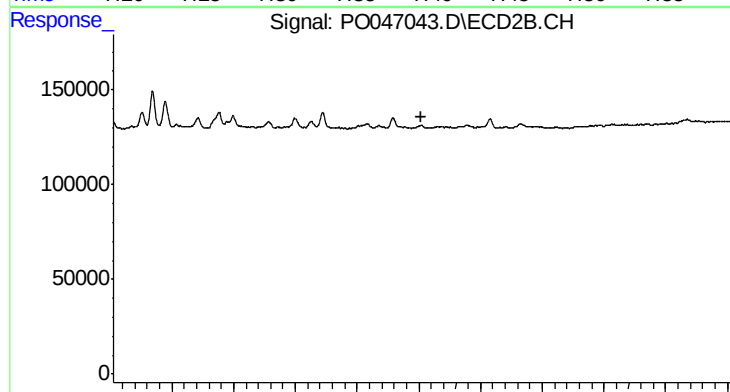
R.T.: 6.234 min
Delta R.T.: 0.010 min
Response: 45998
Conc: 7.76 ng/ml



#32 AR-1260-2

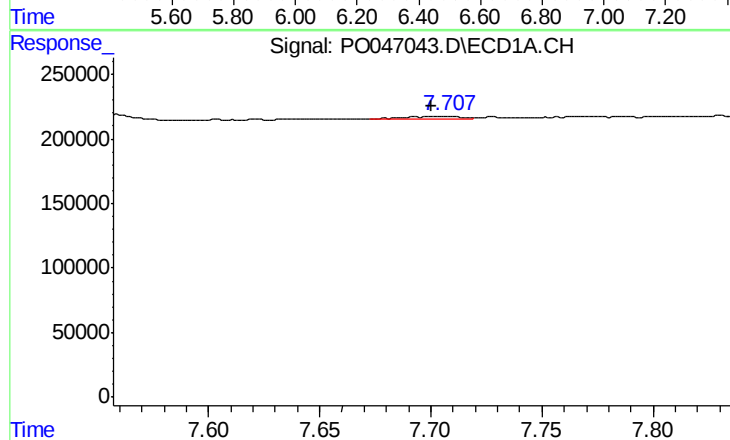
R.T.: 7.420 min
Delta R.T.: 0.003 min
Response: 23697
Conc: 3.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



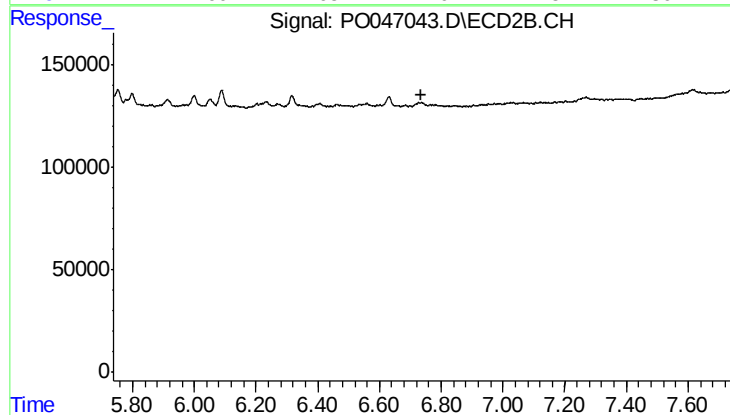
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 6.410 min
Response: 0
Conc: N.D.



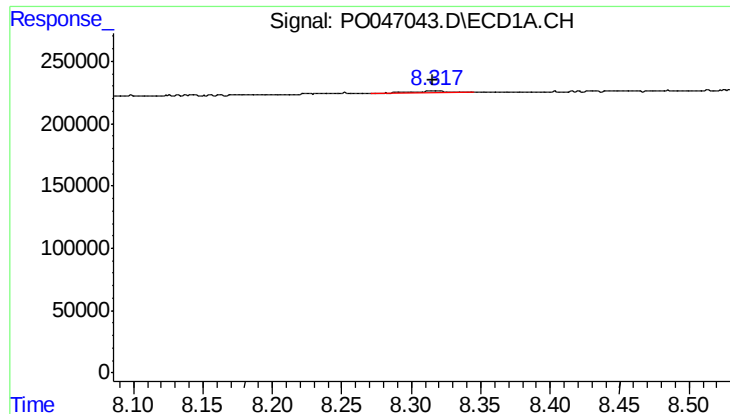
#33 AR-1260-3

R.T.: 7.708 min
Delta R.T.: 0.007 min
Response: 30994
Conc: 3.61 ng/ml



#33 AR-1260-3

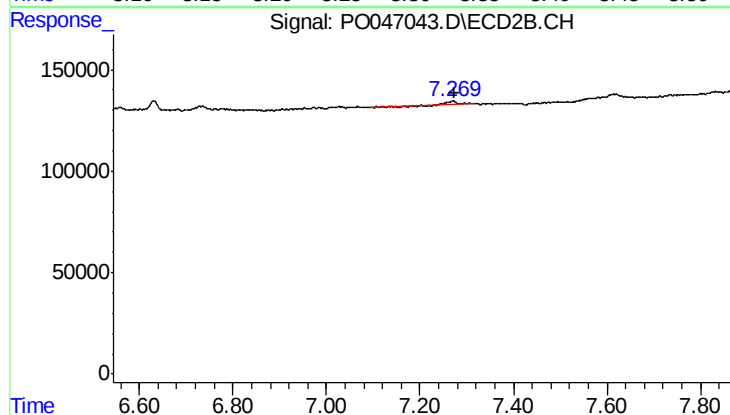
R.T.: 0.000 min
Exp R.T.: 6.737 min
Response: 0
Conc: N.D.



#34 AR-1260-4

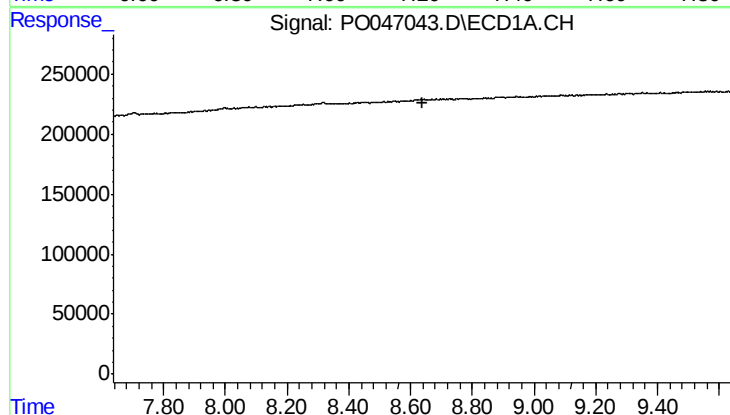
R.T.: 8.317 min
Delta R.T.: 0.002 min
Response: 39510
Conc: 3.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



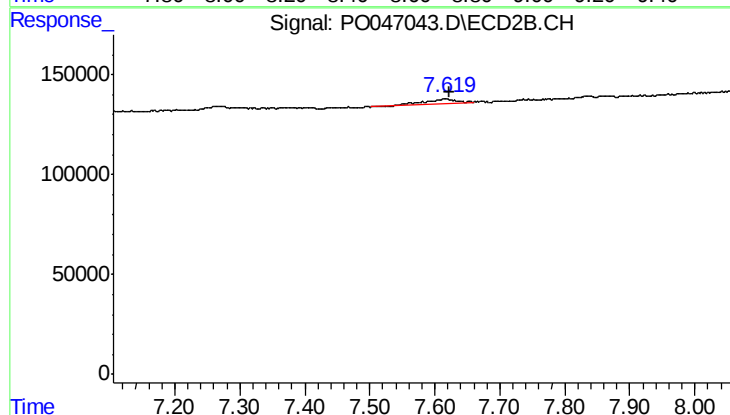
#34 AR-1260-4

R.T.: 7.270 min
Delta R.T.: -0.005 min
Response: 41821
Conc: 3.59 ng/ml



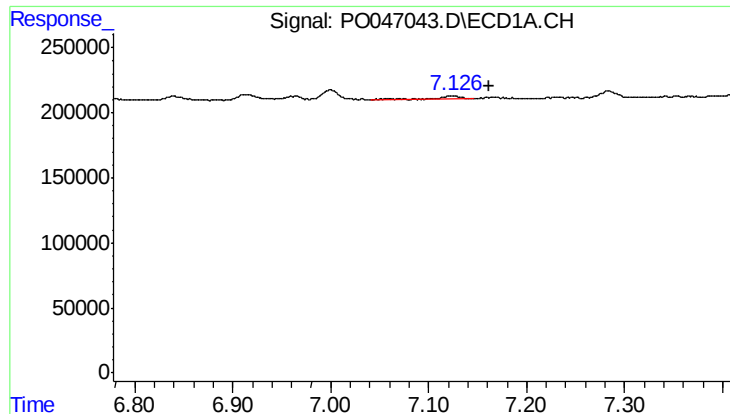
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T.: 8.637 min
Response: 0
Conc: N.D.



#35 AR-1260-5

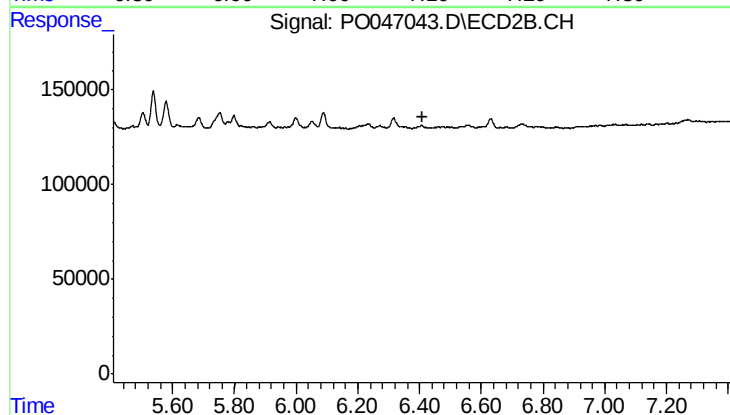
R.T.: 7.616 min
Delta R.T.: -0.007 min
Response: 81809
Conc: 9.87 ng/ml



#36 AR-1262-1

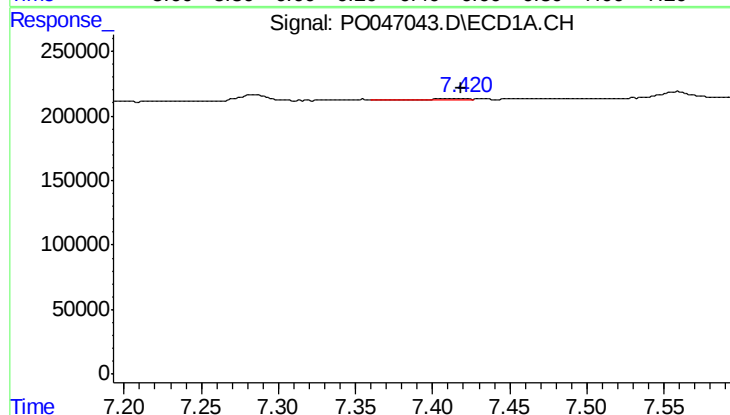
R.T.: 7.126 min
Delta R.T.: -0.036 min
Response: 43770
Conc: 8.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



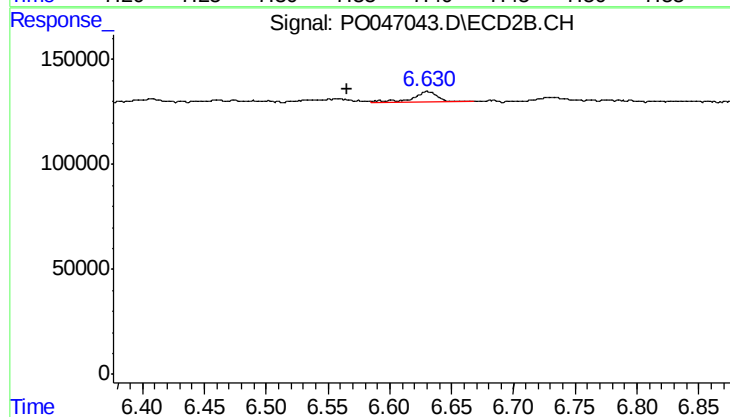
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 6.408 min
Response: 0
Conc: N.D.



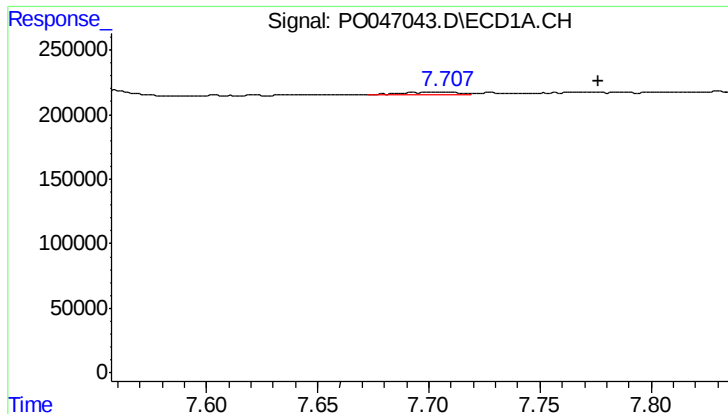
#37 AR-1262-2

R.T.: 7.420 min
Delta R.T.: 0.002 min
Response: 23697
Conc: 3.68 ng/ml



#37 AR-1262-2

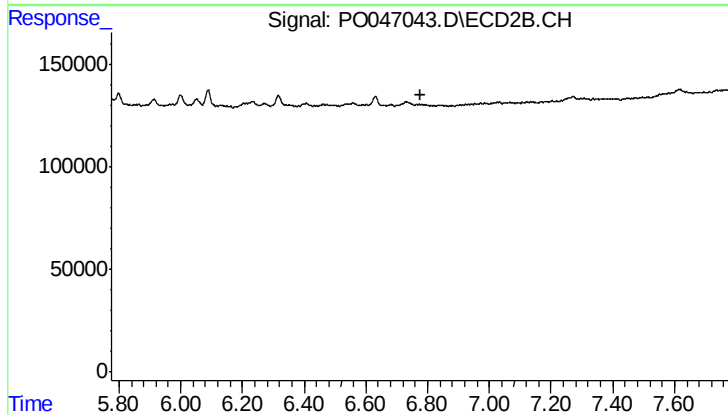
R.T.: 6.631 min
Delta R.T.: 0.066 min
Response: 68672
Conc: 11.22 ng/ml



#38 AR-1262-3

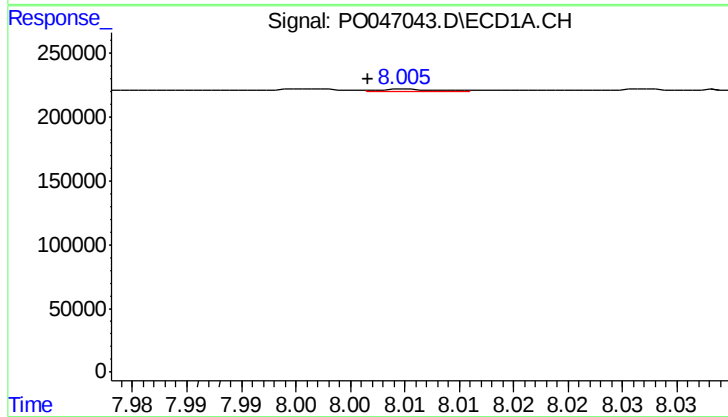
R.T.: 7.708 min
Delta R.T.: -0.069 min
Response: 30994
Conc: 3.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



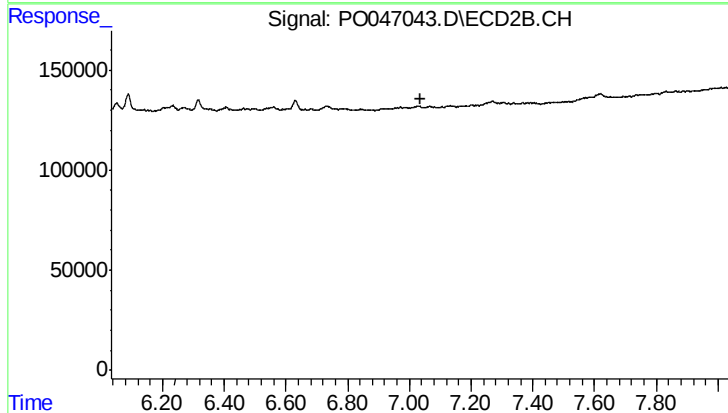
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 6.775 min
Response: 0
Conc: N.D.



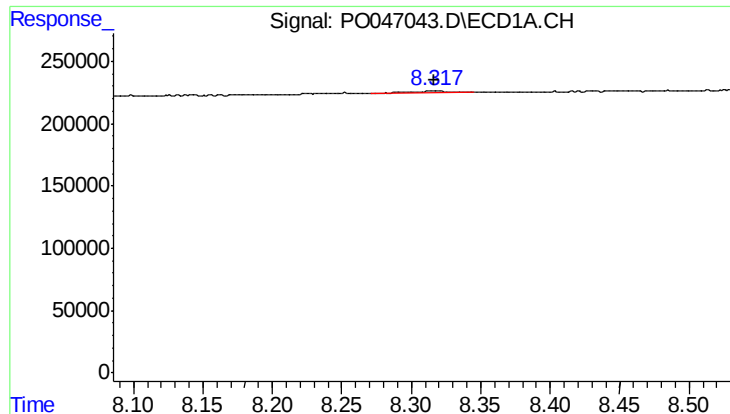
#39 AR-1262-4

R.T.: 8.005 min
Delta R.T.: 0.003 min
Response: 8087
Conc: 1.01 ng/ml



#39 AR-1262-4

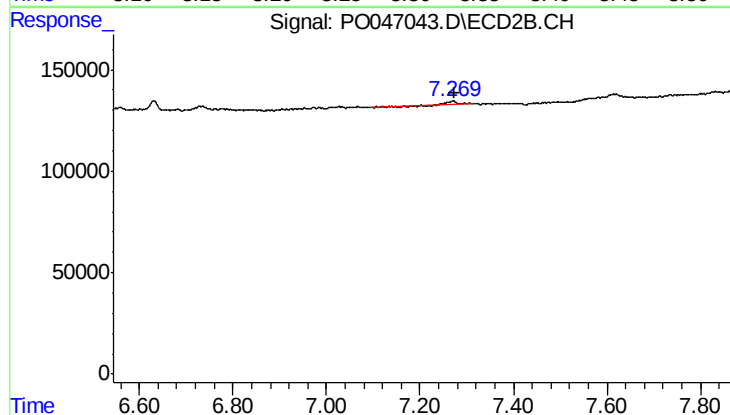
R.T.: 0.000 min
Exp R.T.: 7.035 min
Response: 0
Conc: N.D.



#40 AR-1262-5

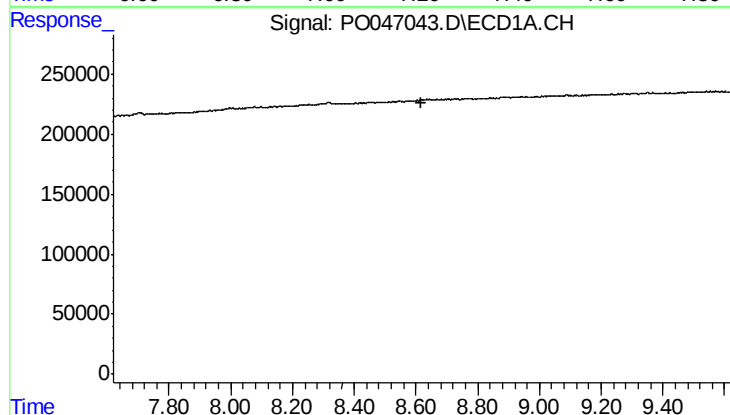
R.T.: 8.317 min
Delta R.T.: 0.000 min
Response: 39510
Conc: 2.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



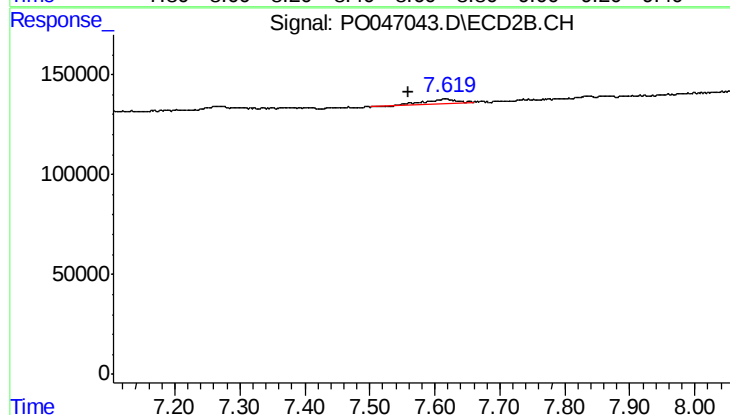
#40 AR-1262-5

R.T.: 7.270 min
Delta R.T.: -0.004 min
Response: 41821
Conc: 2.99 ng/ml



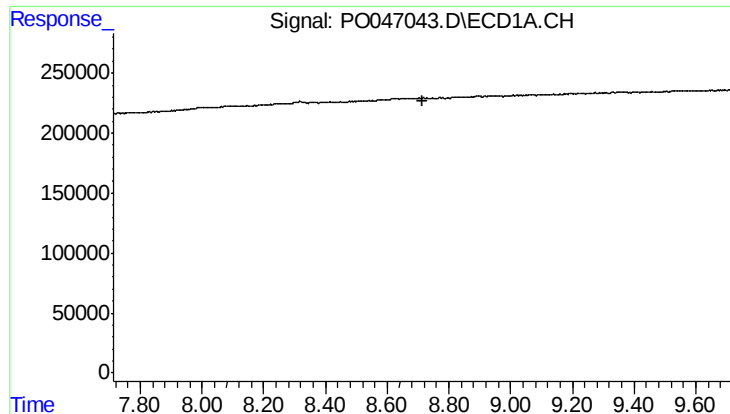
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T.: 8.619 min
Response: 0
Conc: N.D.



#41 AR-1268-1

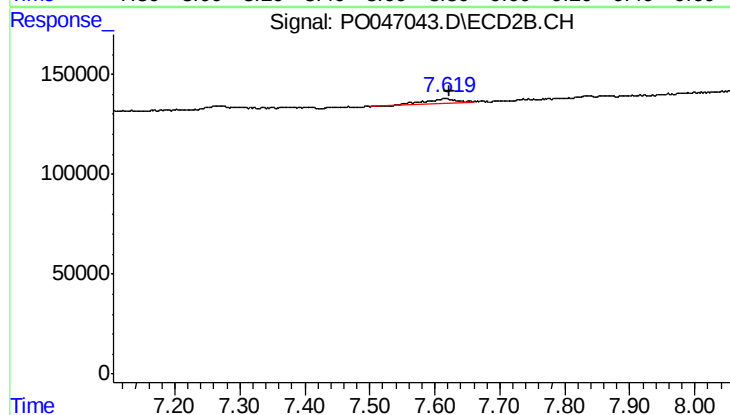
R.T.: 7.616 min
Delta R.T.: 0.057 min
Response: 81809
Conc: 6.00 ng/ml



#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 8.713 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
AR1248 LOD SOIL



#42 AR-1268-2

R.T.: 7.616 min
Delta R.T.: -0.006 min
Response: 81809
Conc: 6.52 ng/ml