

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0072318\
 Data File : P0047045.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 23 Jul 2018 23:39
 Operator : SM/SJ
 Sample : AR1248 MDL SOIL
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 AR1248 MDL SOIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 05:59:35 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	3155691	3489140	18.821	18.192
2) SA Decachlor...	10.085	8.657	2273015	1988100	20.763	21.647
Target Compounds						
3) L1 AR-1016-1	5.299	4.516	53429	39364	16.426	11.587 #
4) L1 AR-1016-2	5.649	4.934	67034	52666	17.137	16.370
5) L1 AR-1016-3	5.747	4.974	55447	142390	17.222	54.238 #
6) L1 AR-1016-4	6.041	5.015	152430	134053	48.309	43.092
7) L1 AR-1016-5	6.182	5.187	129551	173350	39.224	50.199 #
9) L2 AR-1221-2	4.705	3.951	43046	36752	36.229	30.673
10) L2 AR-1221-3	4.705	0.000	43046	0	11.611	N.D. #
11) L3 AR-1232-1	5.105	4.326	42062	109446	28.084	69.632 #
12) L3 AR-1232-2	5.564	4.738	102878	104366	50.490	52.340
13) L3 AR-1232-3	5.588	4.756	123690	130592	42.533	42.246
14) L3 AR-1232-4	5.649	4.811	67034	57824	37.569	31.716
15) L3 AR-1232-5	5.747	4.974	55447	142390	39.137	141.670 #
16) L4 AR-1242-1	5.588	4.756	123690	130592	21.339	22.698
17) L4 AR-1242-2	5.649	4.934	67034	52666	18.896	18.307
18) L4 AR-1242-3	5.747	5.015	55447	134053	19.540	46.926 #
19) L4 AR-1242-4	6.041	5.187	152430	173350	53.004	56.738
20) L4 AR-1242-5	6.182	5.336	129551	144562	41.822	44.748
21) L5 AR-1248-1	6.041	5.187	152430	173350	32.600	34.580
22) L5 AR-1248-2	6.182	5.336	129551	144562	32.687	34.496
23) L5 AR-1248-3	6.443	5.538	169282	219893	33.344	34.302
24) L5 AR-1248-4	6.482	5.579	147994	174510	30.983	38.991 #
25) L5 AR-1248-5	6.679	6.089	115811	113854	36.162	41.144
26) L6 AR-1254-1	6.638	5.538	175133	219893	21.300	30.782 #
27) L6 AR-1254-2	6.915	5.685	61045	85978	12.432	14.195
28) L6 AR-1254-3	7.000	6.089	97332	113854	11.325	12.093
29) L6 AR-1254-4	7.285	6.315	70446	64880	11.030	11.249
30) L6 AR-1254-5	7.559	6.631	76101	65964	16.026	16.615
31) L7 AR-1260-1	7.124	6.234	34535	65995	5.751	11.133 #
32) L7 AR-1260-2	7.423	0.000	44925	0	6.147	N.D. #
33) L7 AR-1260-3	7.702	6.735	43357	42120	5.056	5.610
34) L7 AR-1260-4	8.314	7.268	38308	44691	3.164	3.832
35) L7 AR-1260-5	8.567	7.616	958	78346	0.130	9.448 #
36) L8 AR-1262-1	7.124	0.000	34535	0	6.417	N.D. #
37) L8 AR-1262-2	7.423	6.631	44925	65964	6.979	10.777 #
38) L8 AR-1262-3	7.773	6.735	18023	42120	2.184	5.175 #
39) L8 AR-1262-4	8.007	0.000	6843	0	0.857	N.D. #

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 Misc :
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 AR1248 MDL SOIL

Integration File signal 1: autoint1.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0072318.M
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Volume Inj. : 2 µl
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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
40) L8	AR-1262-5	8.314	7.268	38308	44691	2.571	3.193
41) L9	AR-1268-1	8.567	7.616	958	78346	0.061	5.750 #
42) L9	AR-1268-2	0.000	7.616	0	78346	N.D.	6.242 #

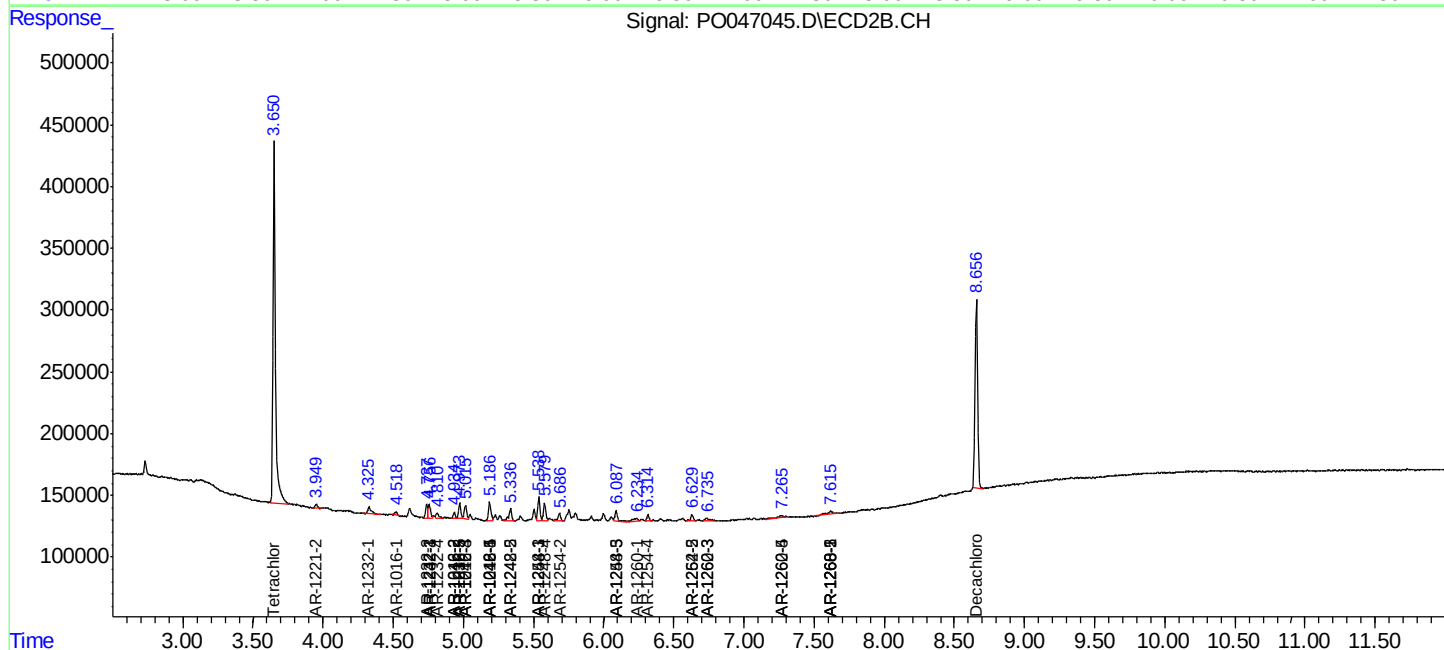
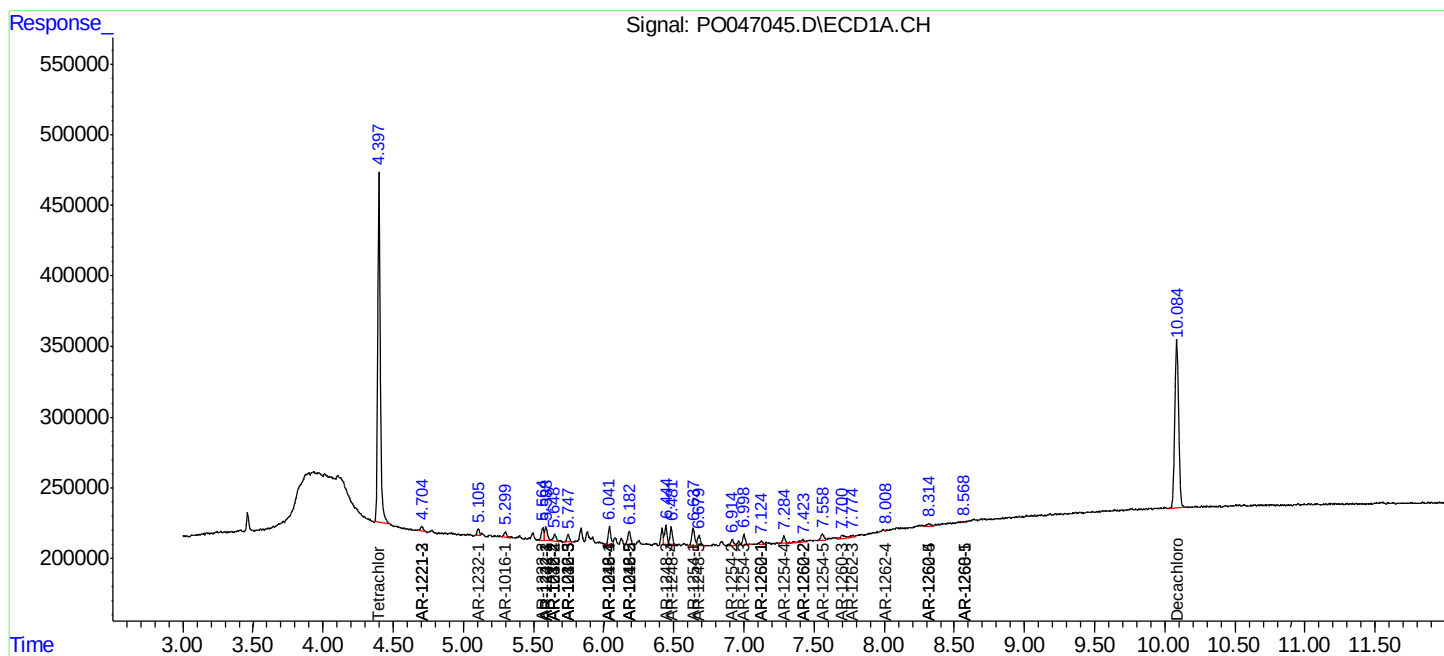
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

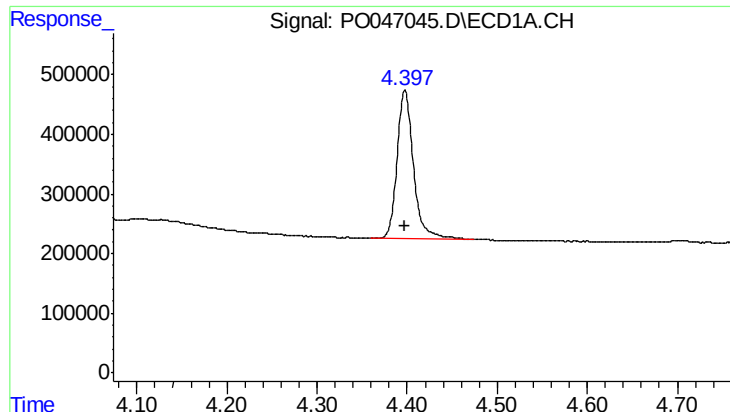
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO072318\
Data File : PO047045.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Jul 2018 23:39
Operator : SM/SJ
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ALS Vial : 28 Sample Multiplier: 1

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AR1248 MDL SOIL

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Quant Time: Jul 24 05:59:35 2018
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Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 24 03:04:21 2018
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

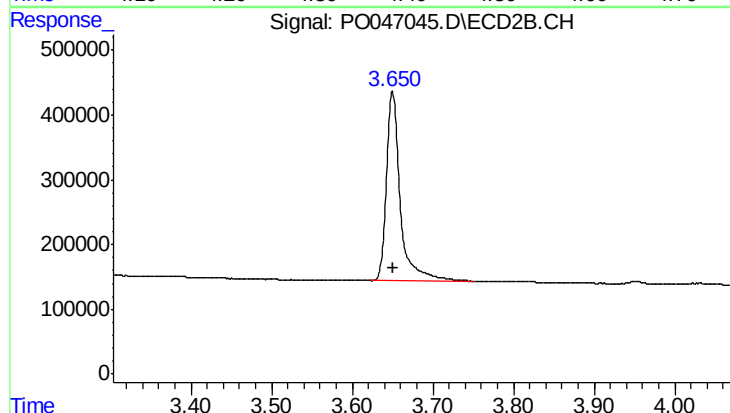




#1 Tetrachloro-m-xylene

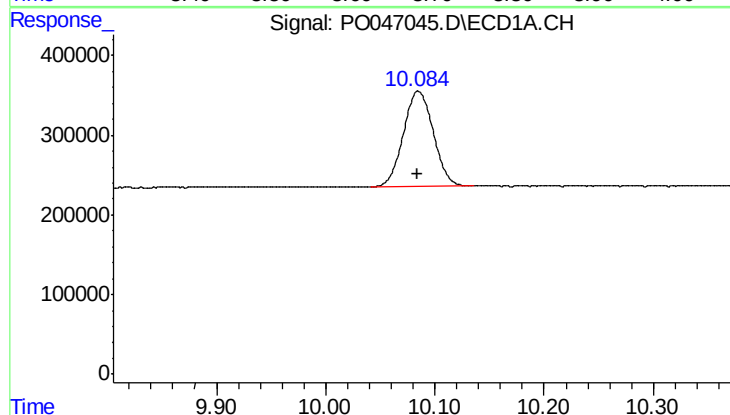
R.T.: 4.398 min
Delta R.T.: 0.000 min
Response: 3155691
Conc: 18.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



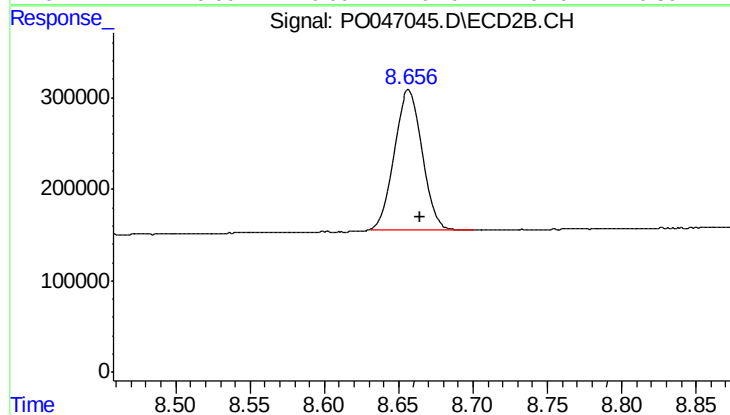
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: -0.001 min
Response: 3489140
Conc: 18.19 ng/ml



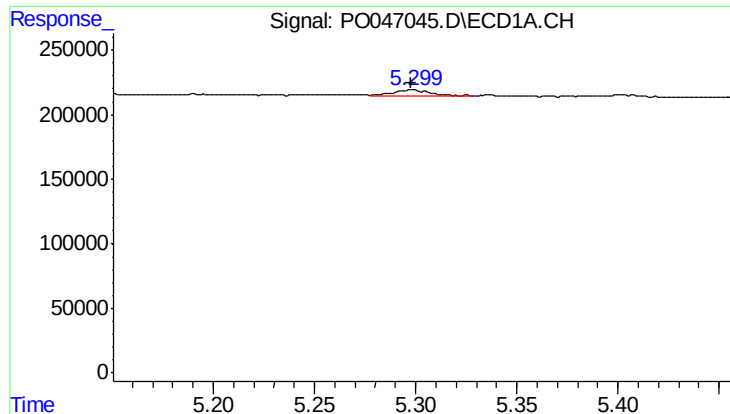
#2 Decachlorobiphenyl

R.T.: 10.085 min
Delta R.T.: 0.000 min
Response: 2273015
Conc: 20.76 ng/ml



#2 Decachlorobiphenyl

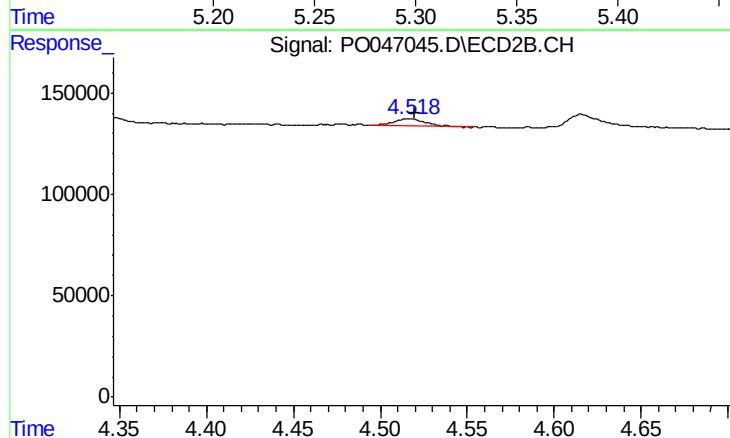
R.T.: 8.657 min
Delta R.T.: -0.008 min
Response: 1988100
Conc: 21.65 ng/ml



#3 AR-1016-1

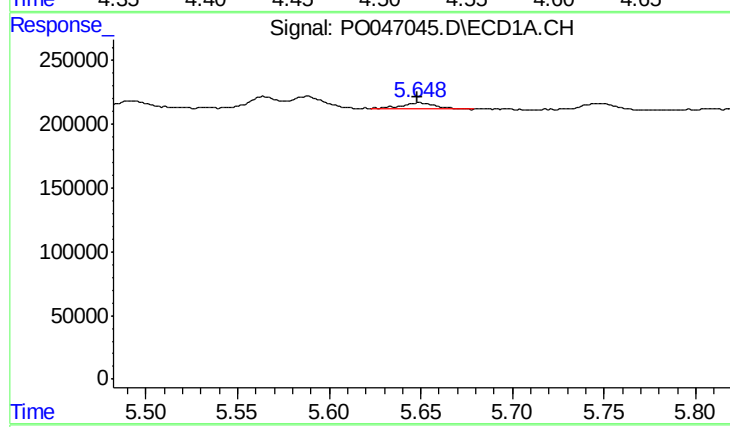
R.T.: 5.299 min
Delta R.T.: 0.000 min
Response: 53429
Conc: 16.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



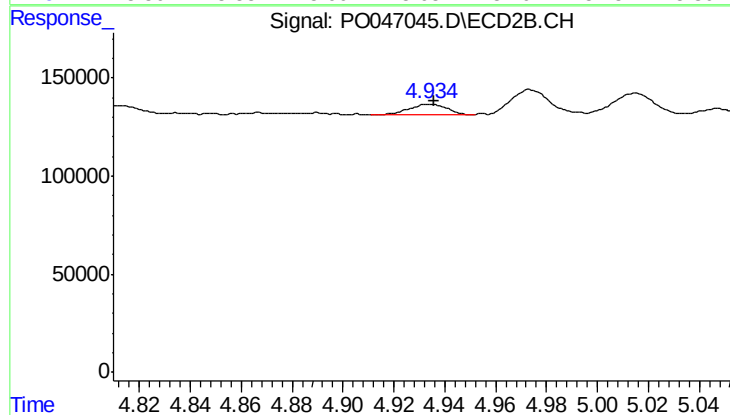
#3 AR-1016-1

R.T.: 4.516 min
Delta R.T.: -0.003 min
Response: 39364
Conc: 11.59 ng/ml



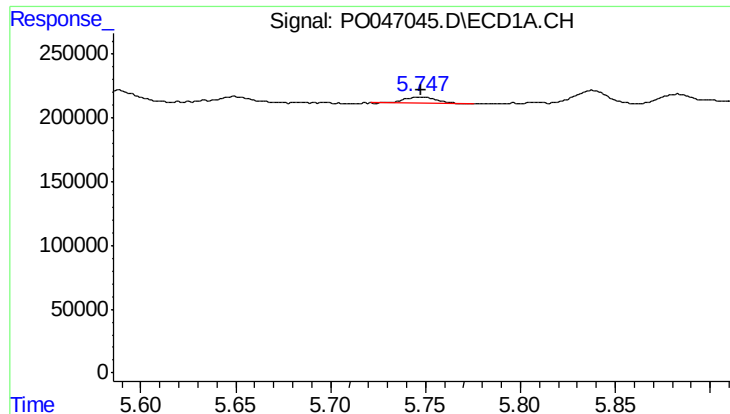
#4 AR-1016-2

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 67034
Conc: 17.14 ng/ml



#4 AR-1016-2

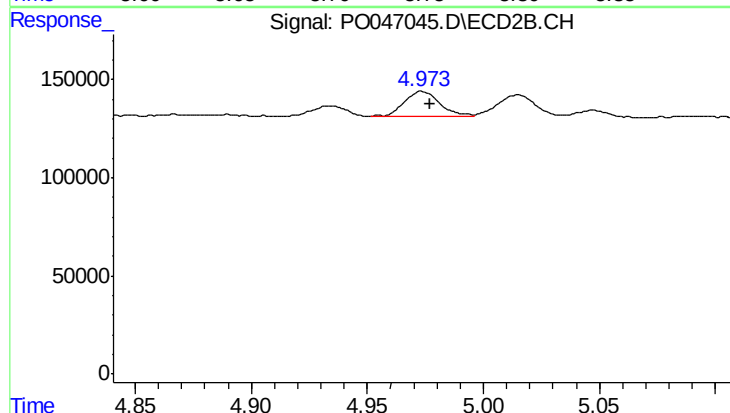
R.T.: 4.934 min
Delta R.T.: -0.001 min
Response: 52666
Conc: 16.37 ng/ml



#5 AR-1016-3

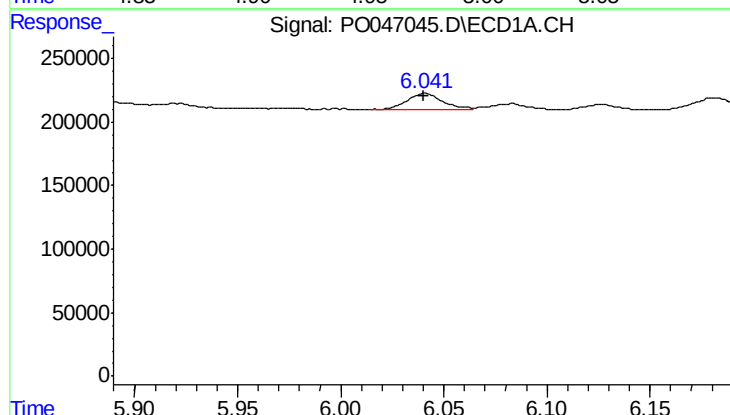
R.T.: 5.747 min
Delta R.T.: 0.000 min
Response: 55447
Conc: 17.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



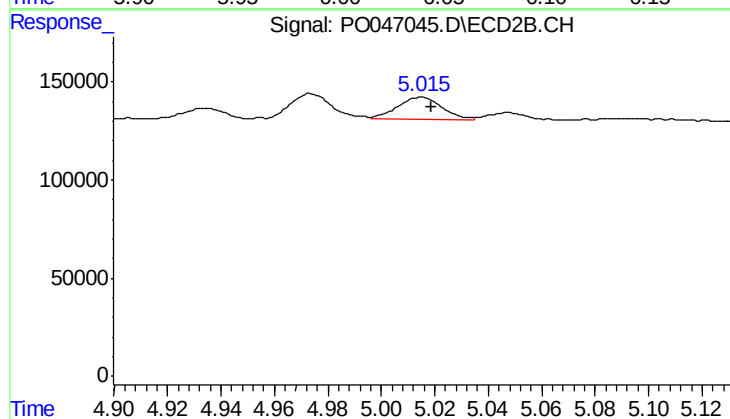
#5 AR-1016-3

R.T.: 4.974 min
Delta R.T.: -0.003 min
Response: 142390
Conc: 54.24 ng/ml



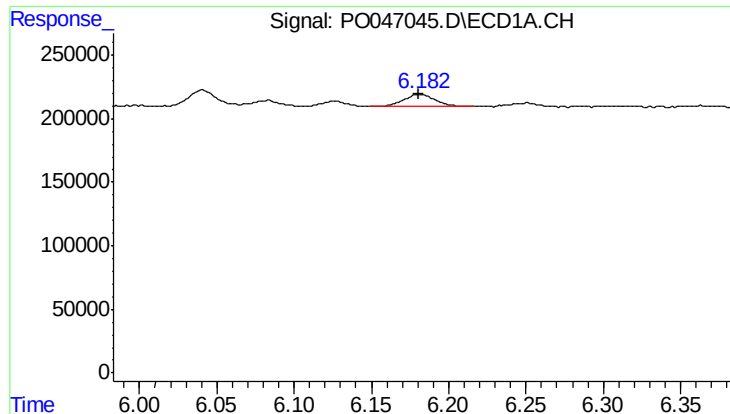
#6 AR-1016-4

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 152430
Conc: 48.31 ng/ml



#6 AR-1016-4

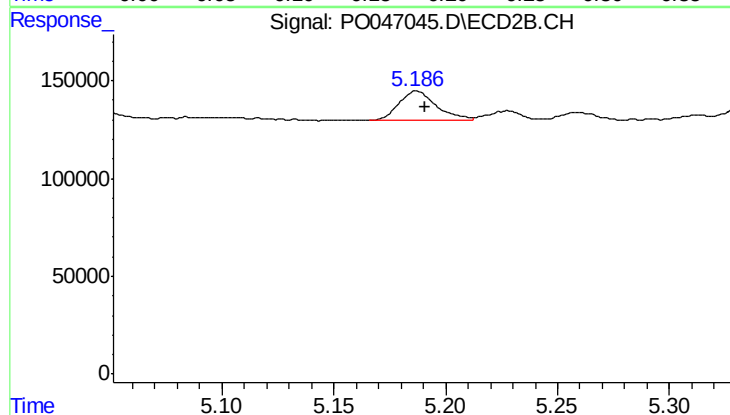
R.T.: 5.015 min
Delta R.T.: -0.004 min
Response: 134053
Conc: 43.09 ng/ml



#7 AR-1016-5

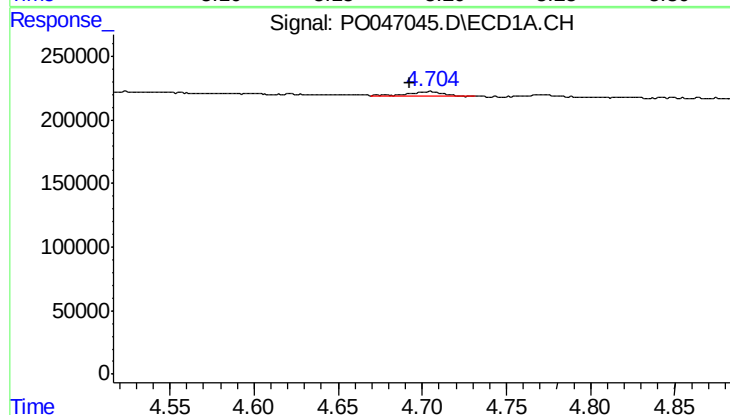
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 129551
Conc: 39.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



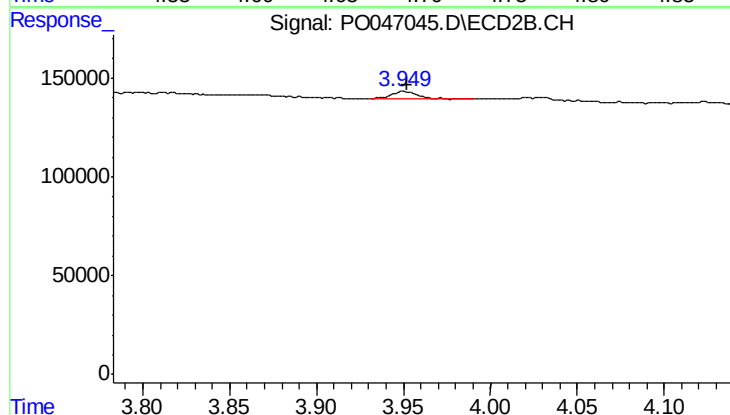
#7 AR-1016-5

R.T.: 5.187 min
Delta R.T.: -0.004 min
Response: 173350
Conc: 50.20 ng/ml



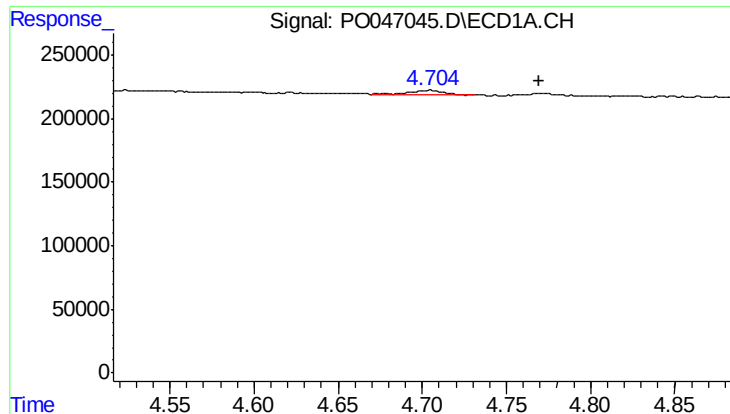
#9 AR-1221-2

R.T.: 4.705 min
Delta R.T.: 0.012 min
Response: 43046
Conc: 36.23 ng/ml



#9 AR-1221-2

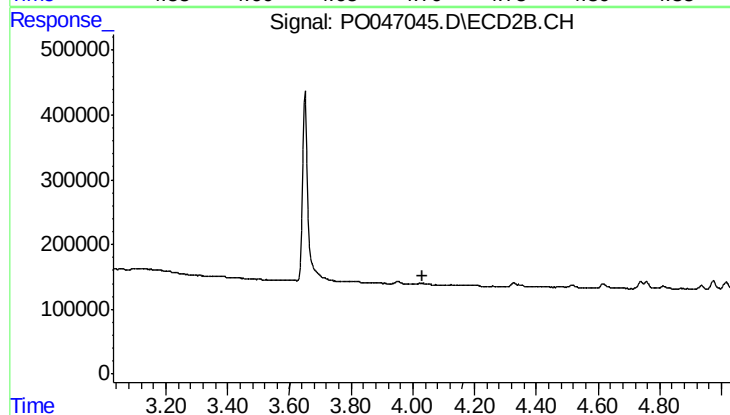
R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 36752
Conc: 30.67 ng/ml



#10 AR-1221-3

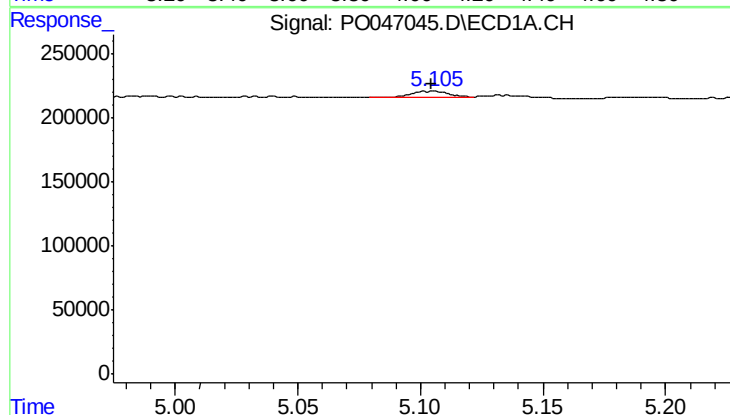
R.T.: 4.705 min
Delta R.T.: -0.065 min
Response: 43046
Conc: 11.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



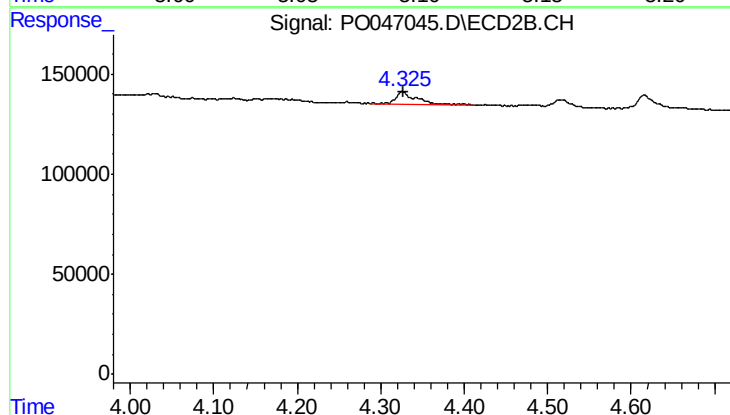
#10 AR-1221-3

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



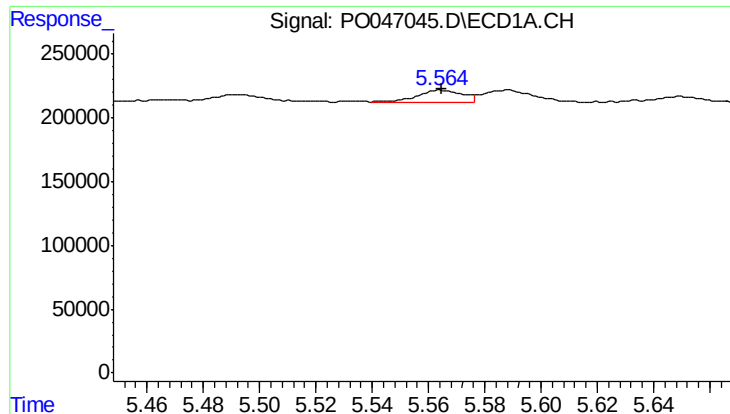
#11 AR-1232-1

R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 42062
Conc: 28.08 ng/ml



#11 AR-1232-1

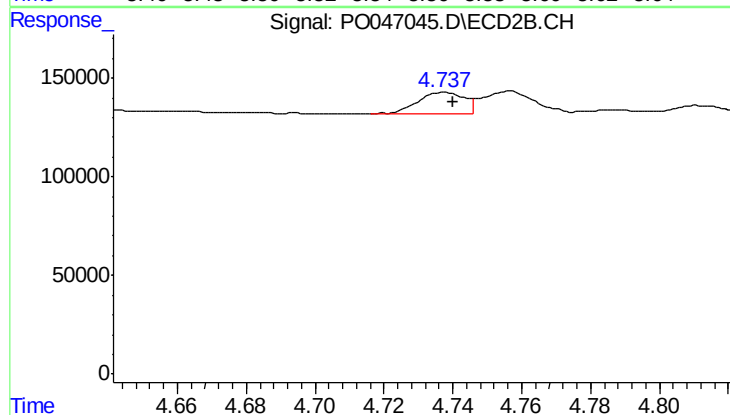
R.T.: 4.326 min
Delta R.T.: -0.001 min
Response: 109446
Conc: 69.63 ng/ml



#12 AR-1232-2

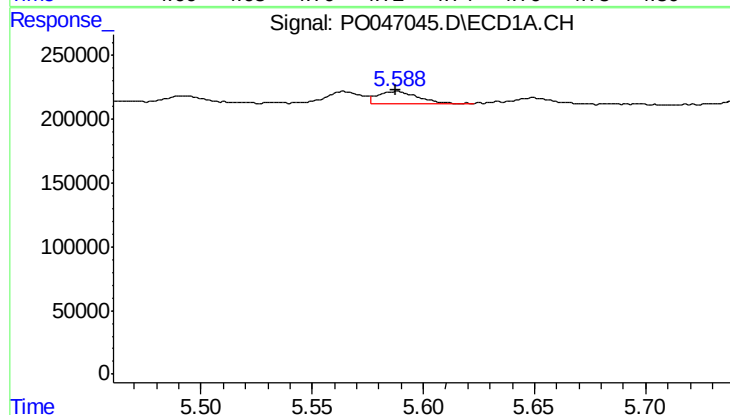
R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 102878
Conc: 50.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



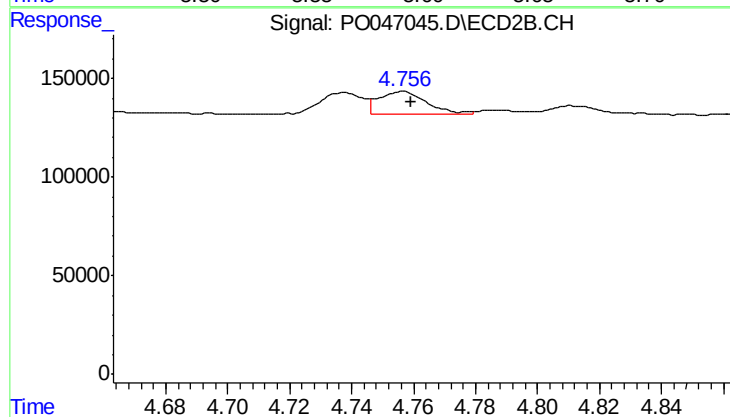
#12 AR-1232-2

R.T.: 4.738 min
Delta R.T.: -0.003 min
Response: 104366
Conc: 52.34 ng/ml



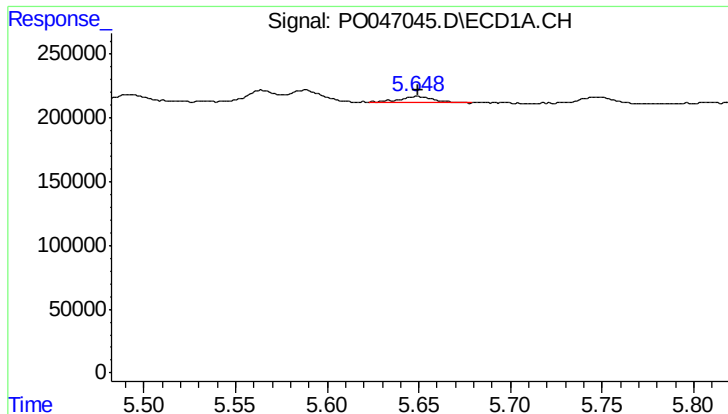
#13 AR-1232-3

R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 123690
Conc: 42.53 ng/ml



#13 AR-1232-3

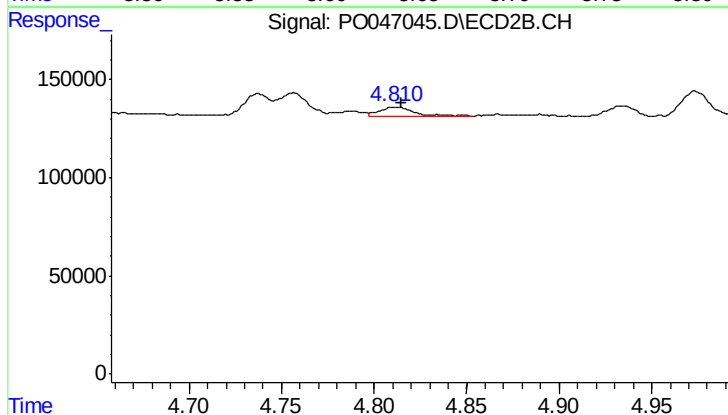
R.T.: 4.756 min
Delta R.T.: -0.003 min
Response: 130592
Conc: 42.25 ng/ml



#14 AR-1232-4

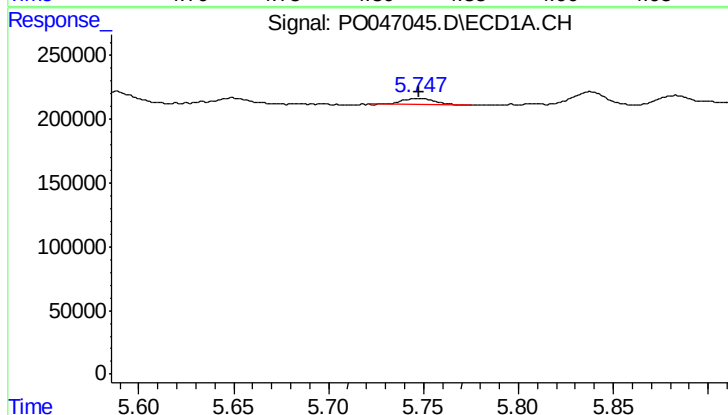
R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 67034
Conc: 37.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
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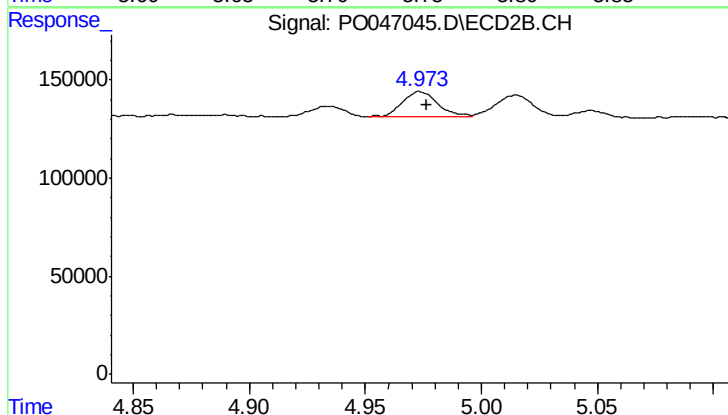
#14 AR-1232-4

R.T.: 4.811 min
Delta R.T.: -0.003 min
Response: 57824
Conc: 31.72 ng/ml



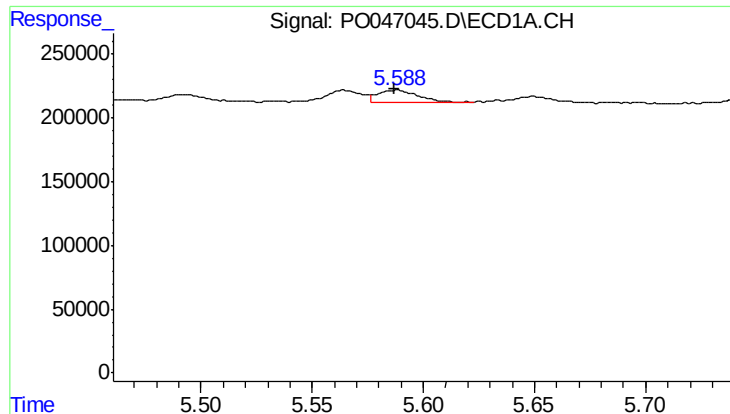
#15 AR-1232-5

R.T.: 5.747 min
Delta R.T.: 0.000 min
Response: 55447
Conc: 39.14 ng/ml



#15 AR-1232-5

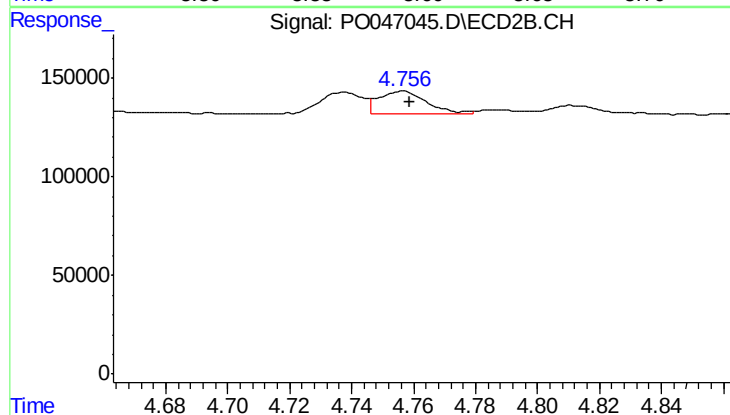
R.T.: 4.974 min
Delta R.T.: -0.003 min
Response: 142390
Conc: 141.67 ng/ml



#16 AR-1242-1

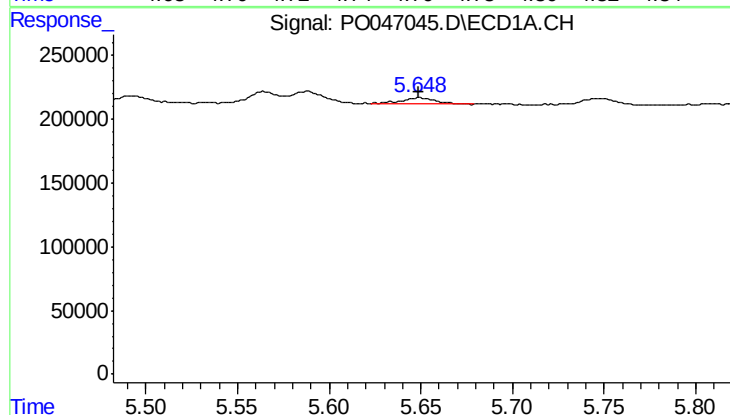
R.T.: 5.588 min
Delta R.T.: 0.001 min
Response: 123690
Conc: 21.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



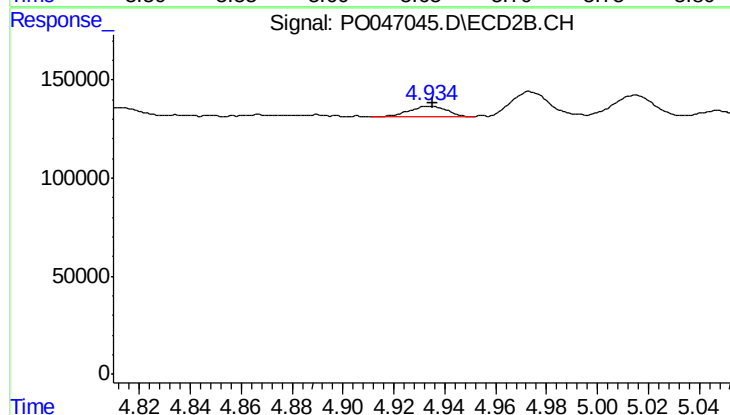
#16 AR-1242-1

R.T.: 4.756 min
Delta R.T.: -0.002 min
Response: 130592
Conc: 22.70 ng/ml



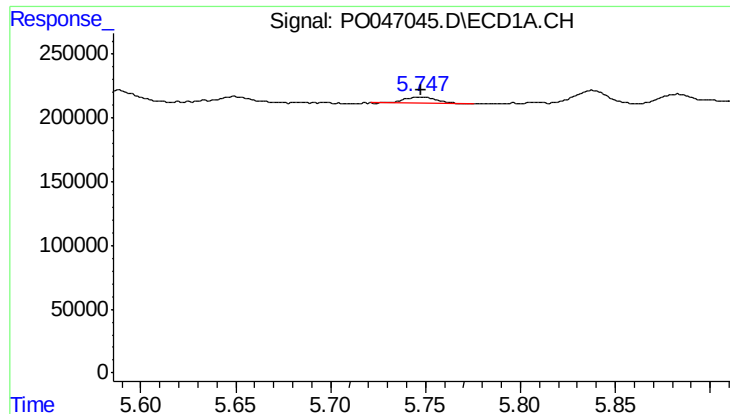
#17 AR-1242-2

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 67034
Conc: 18.90 ng/ml



#17 AR-1242-2

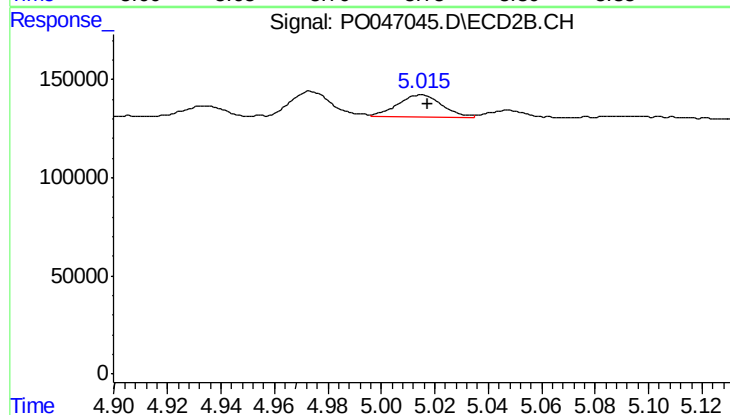
R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 52666
Conc: 18.31 ng/ml



#18 AR-1242-3

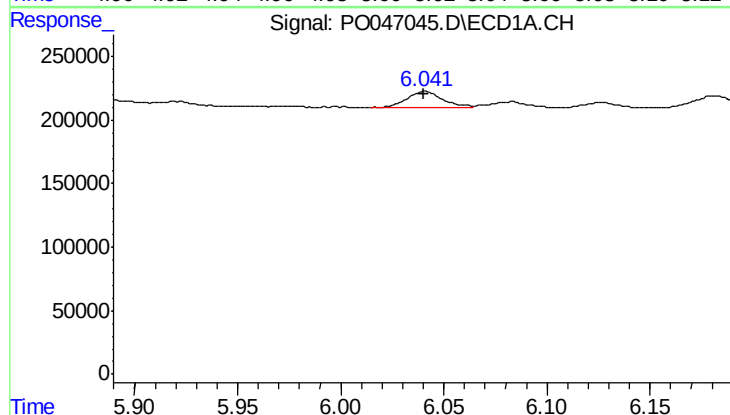
R.T.: 5.747 min
Delta R.T.: 0.000 min
Response: 55447
Conc: 19.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



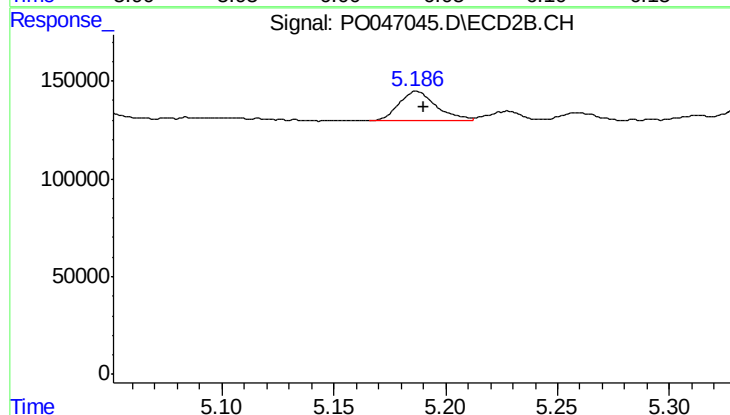
#18 AR-1242-3

R.T.: 5.015 min
Delta R.T.: -0.003 min
Response: 134053
Conc: 46.93 ng/ml



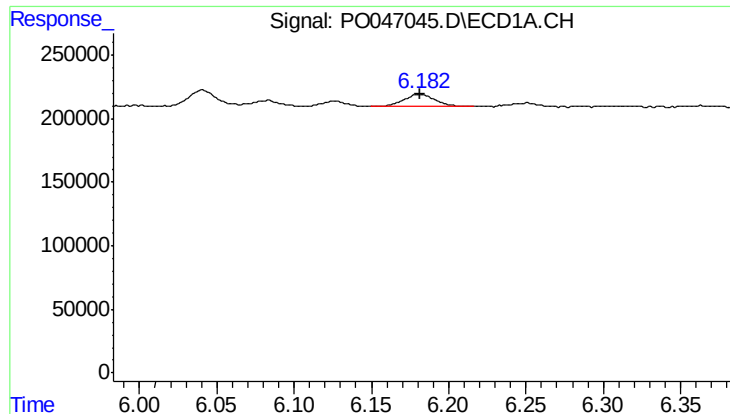
#19 AR-1242-4

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 152430
Conc: 53.00 ng/ml



#19 AR-1242-4

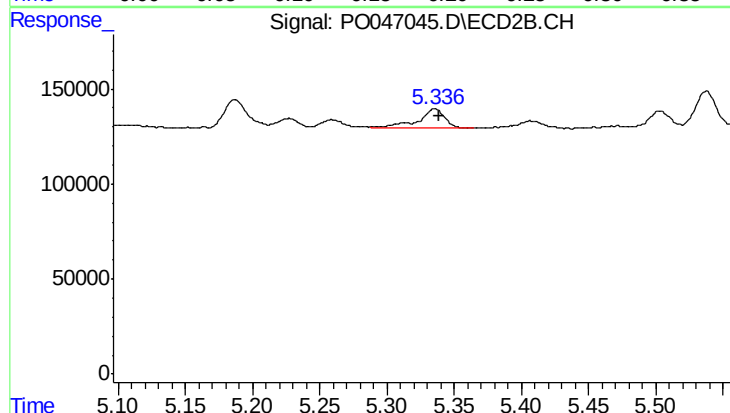
R.T.: 5.187 min
Delta R.T.: -0.003 min
Response: 173350
Conc: 56.74 ng/ml



#20 AR-1242-5

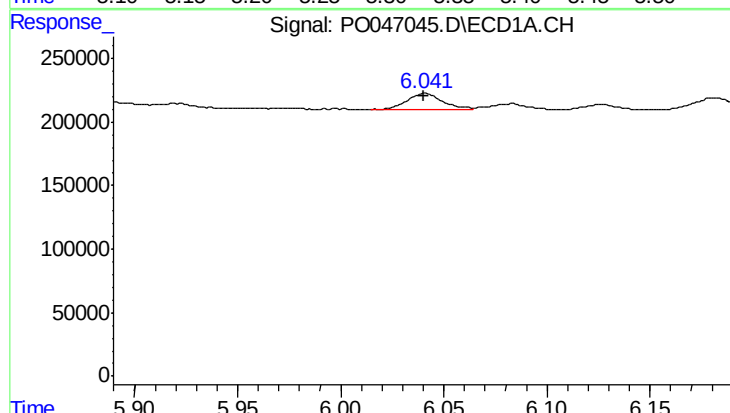
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 129551
Conc: 41.82 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



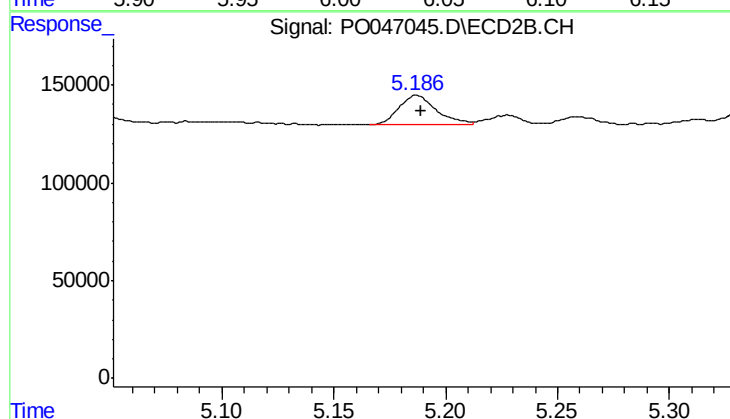
#20 AR-1242-5

R.T.: 5.336 min
Delta R.T.: -0.003 min
Response: 144562
Conc: 44.75 ng/ml



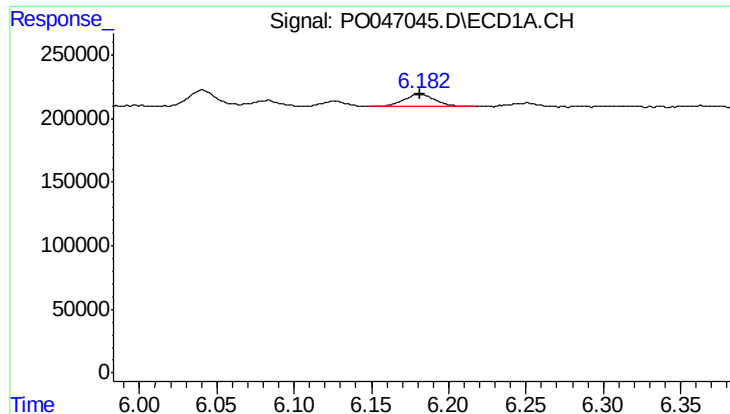
#21 AR-1248-1

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 152430
Conc: 32.60 ng/ml



#21 AR-1248-1

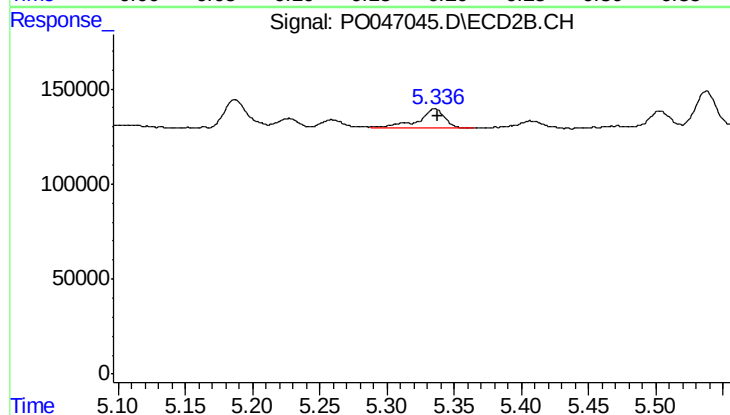
R.T.: 5.187 min
Delta R.T.: -0.002 min
Response: 173350
Conc: 34.58 ng/ml



#22 AR-1248-2

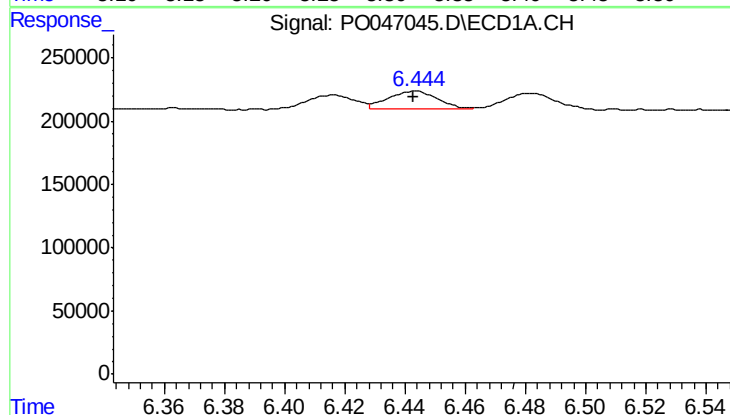
R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 129551
Conc: 32.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



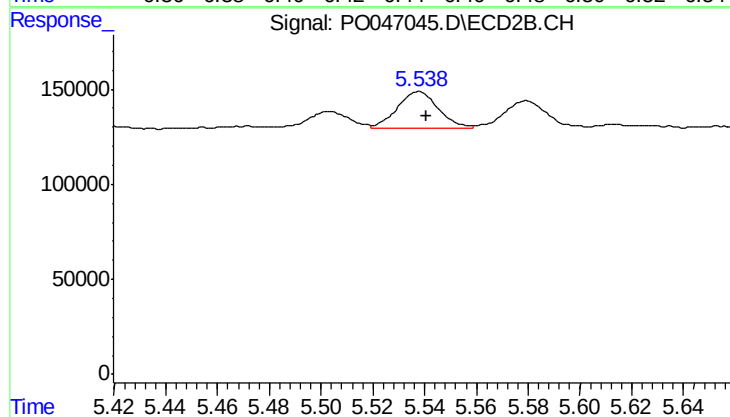
#22 AR-1248-2

R.T.: 5.336 min
Delta R.T.: -0.002 min
Response: 144562
Conc: 34.50 ng/ml



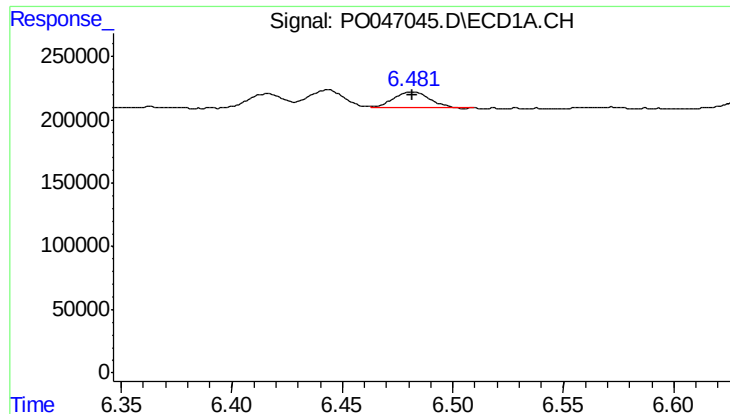
#23 AR-1248-3

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 169282
Conc: 33.34 ng/ml



#23 AR-1248-3

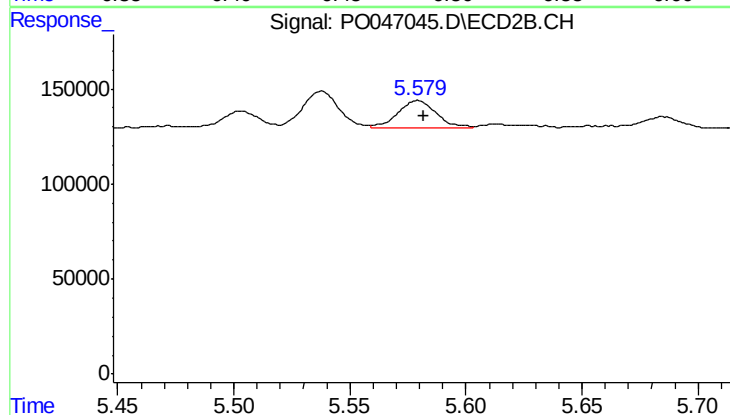
R.T.: 5.538 min
Delta R.T.: -0.003 min
Response: 219893
Conc: 34.30 ng/ml



#24 AR-1248-4

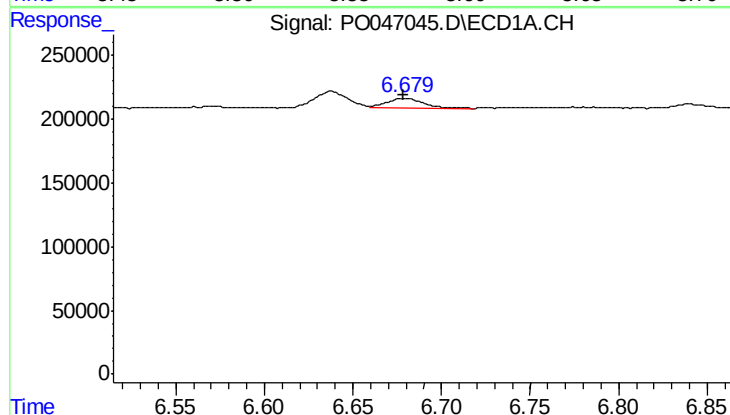
R.T.: 6.482 min
Delta R.T.: 0.000 min
Response: 147994
Conc: 30.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



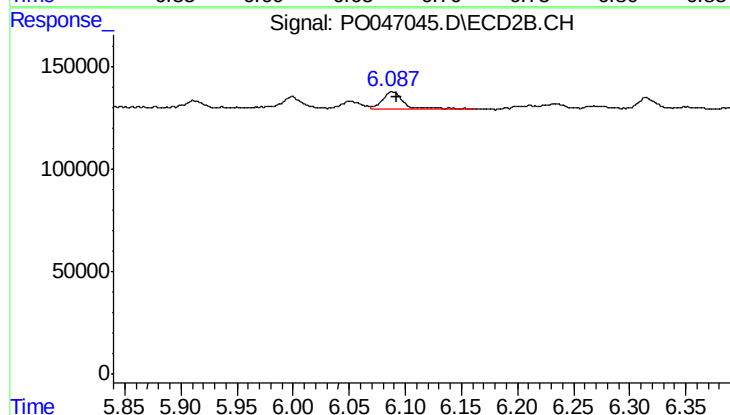
#24 AR-1248-4

R.T.: 5.579 min
Delta R.T.: -0.002 min
Response: 174510
Conc: 38.99 ng/ml



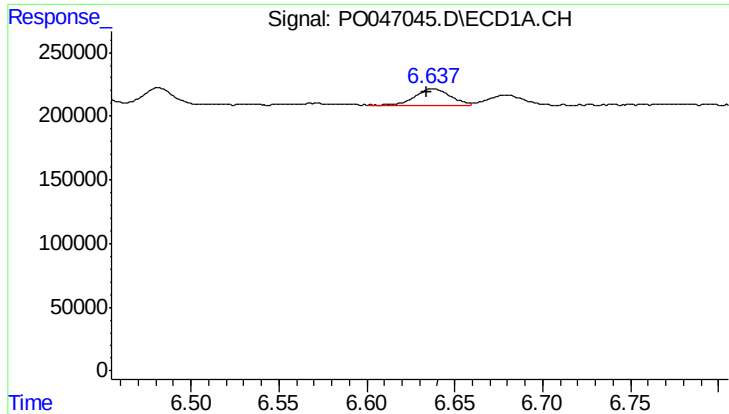
#25 AR-1248-5

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 115811
Conc: 36.16 ng/ml



#25 AR-1248-5

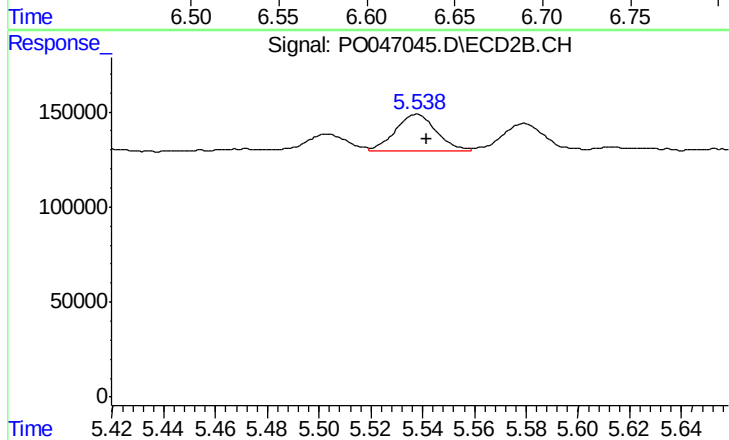
R.T.: 6.089 min
Delta R.T.: -0.003 min
Response: 113854
Conc: 41.14 ng/ml



#26 AR-1254-1

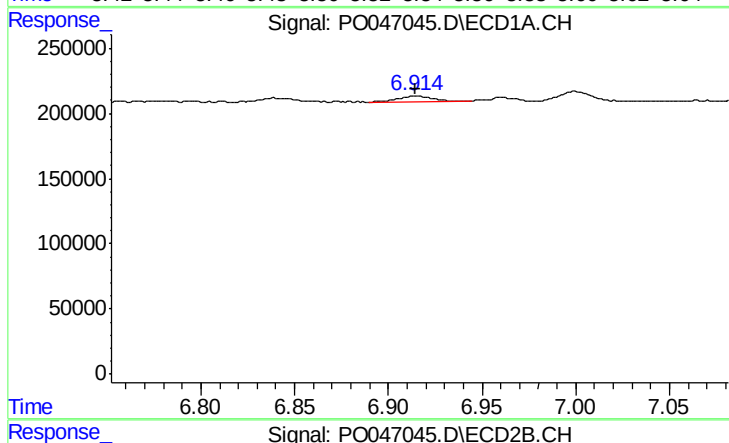
R.T.: 6.638 min
Delta R.T.: 0.003 min
Response: 175133
Conc: 21.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



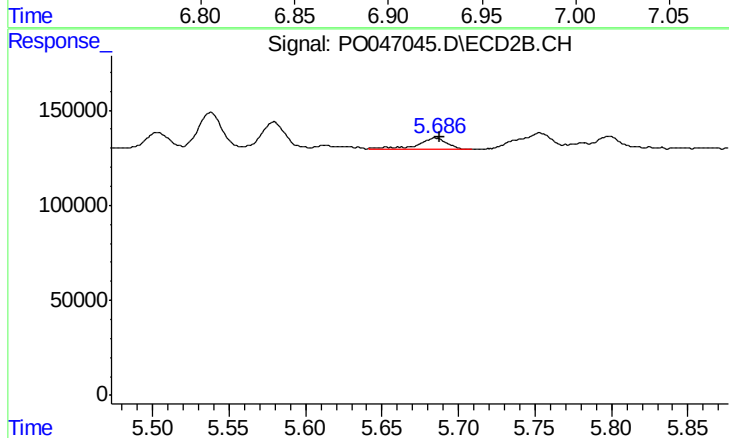
#26 AR-1254-1

R.T.: 5.538 min
Delta R.T.: -0.004 min
Response: 219893
Conc: 30.78 ng/ml



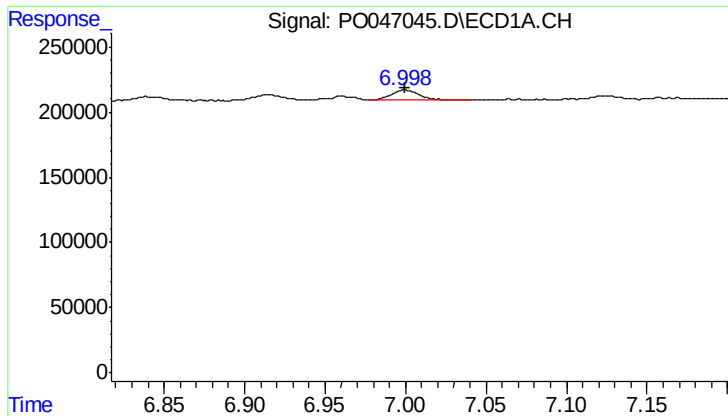
#27 AR-1254-2

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 61045
Conc: 12.43 ng/ml



#27 AR-1254-2

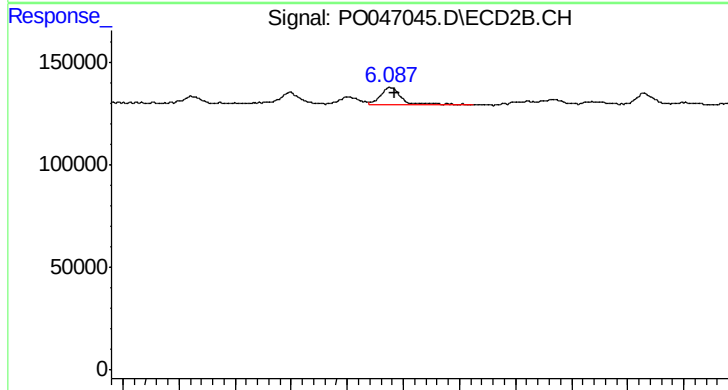
R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 85978
Conc: 14.19 ng/ml



#28 AR-1254-3

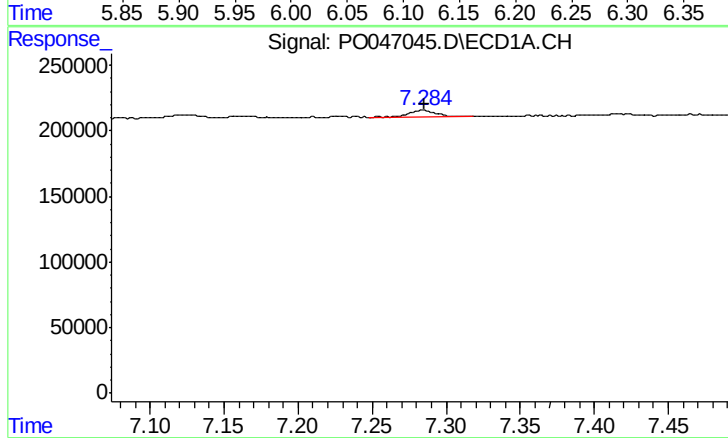
R.T.: 7.000 min
Delta R.T.: 0.000 min
Response: 97332
Conc: 11.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



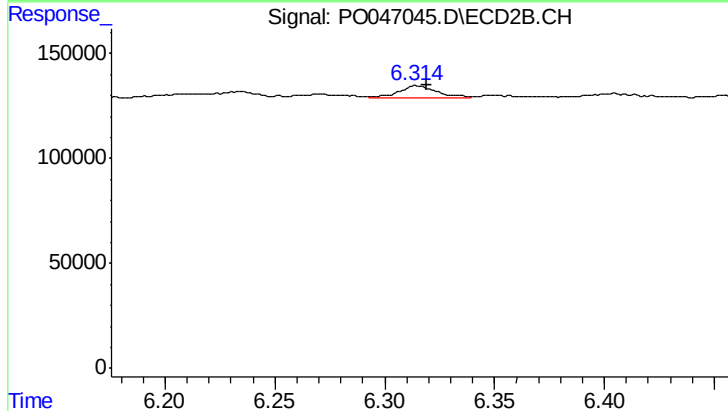
#28 AR-1254-3

R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 113854
Conc: 12.09 ng/ml



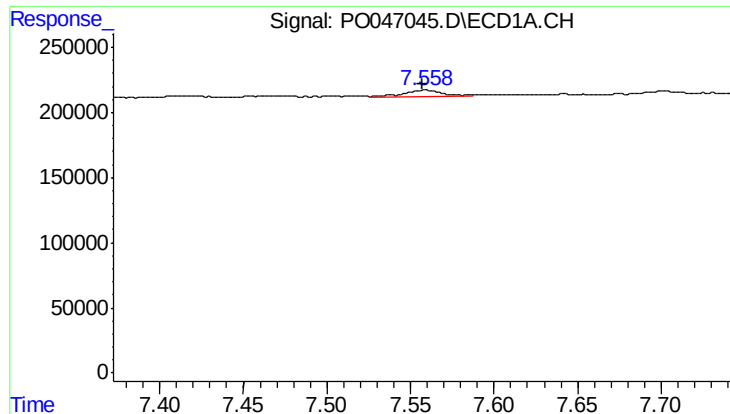
#29 AR-1254-4

R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 70446
Conc: 11.03 ng/ml



#29 AR-1254-4

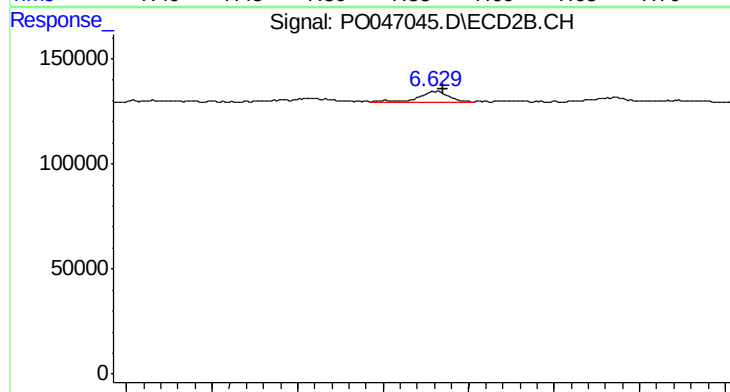
R.T.: 6.315 min
Delta R.T.: -0.004 min
Response: 64880
Conc: 11.25 ng/ml



#30 AR-1254-5

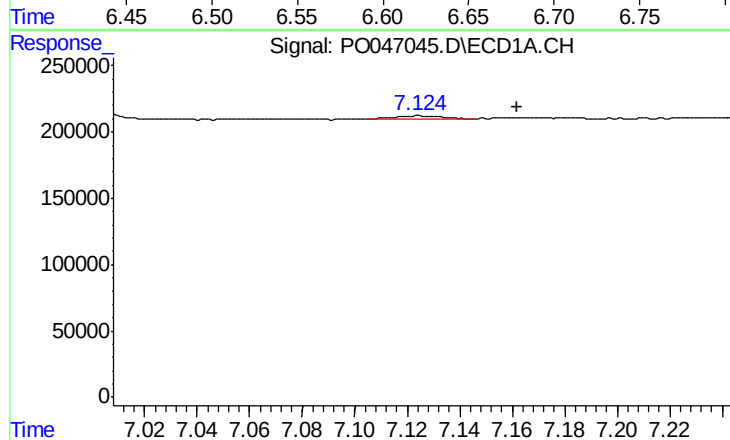
R.T.: 7.559 min
Delta R.T.: 0.001 min
Response: 76101
Conc: 16.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



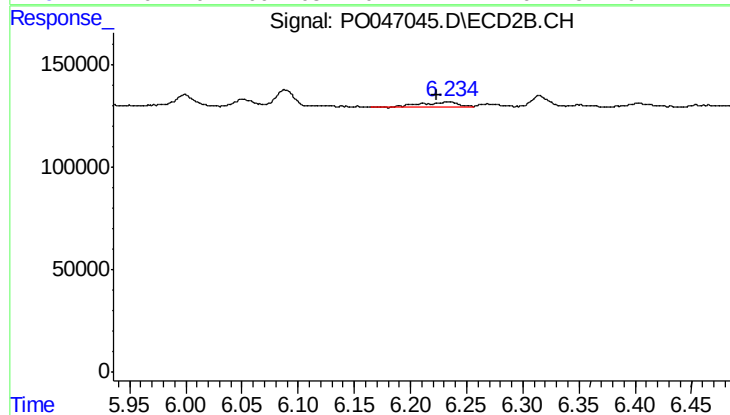
#30 AR-1254-5

R.T.: 6.631 min
Delta R.T.: -0.004 min
Response: 65964
Conc: 16.62 ng/ml



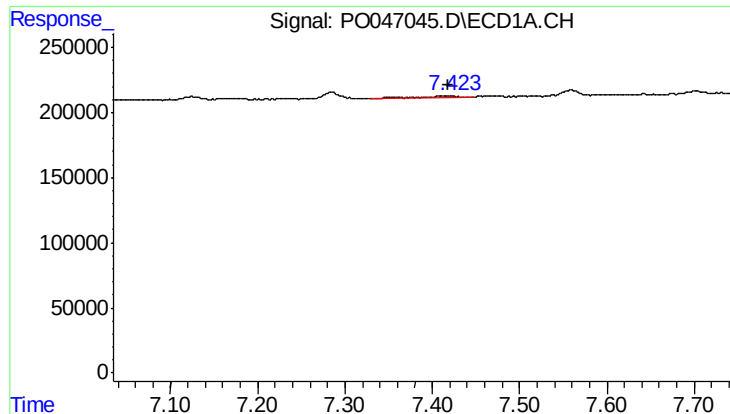
#31 AR-1260-1

R.T.: 7.124 min
Delta R.T.: -0.038 min
Response: 34535
Conc: 5.75 ng/ml



#31 AR-1260-1

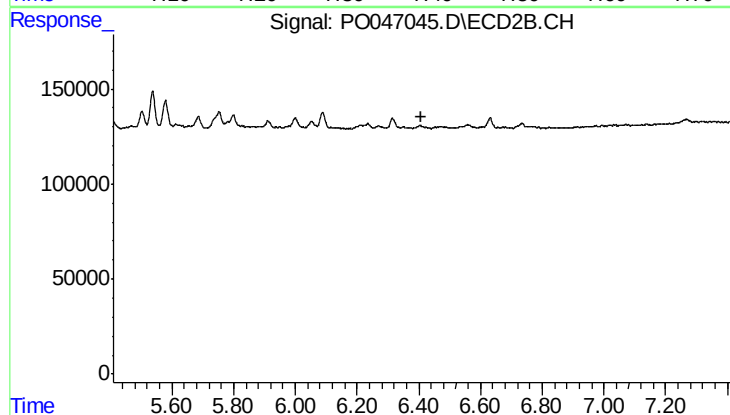
R.T.: 6.234 min
Delta R.T.: 0.011 min
Response: 65995
Conc: 11.13 ng/ml



#32 AR-1260-2

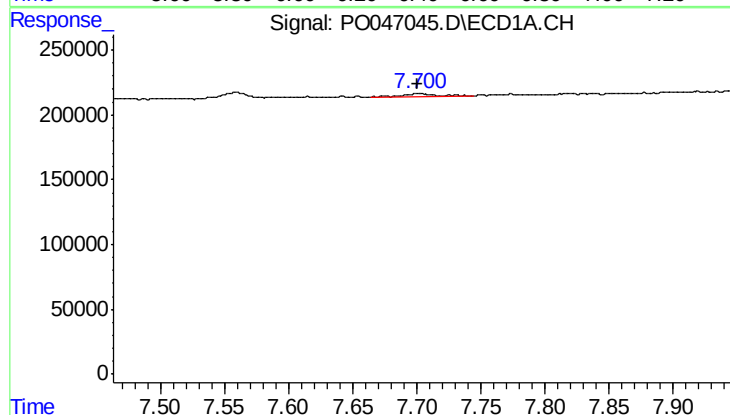
R.T.: 7.423 min
Delta R.T.: 0.005 min
Response: 44925
Conc: 6.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



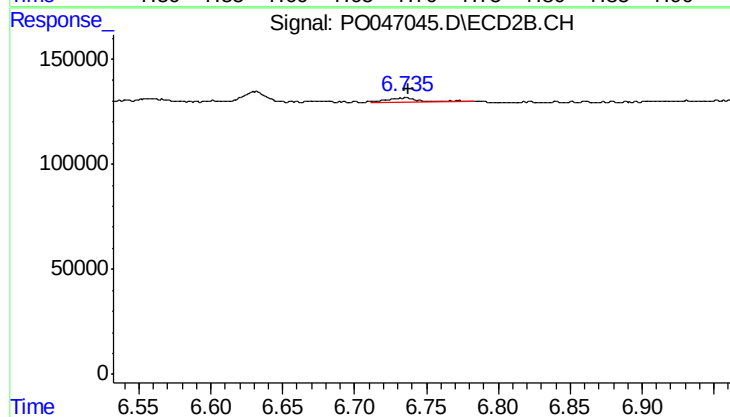
#32 AR-1260-2

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



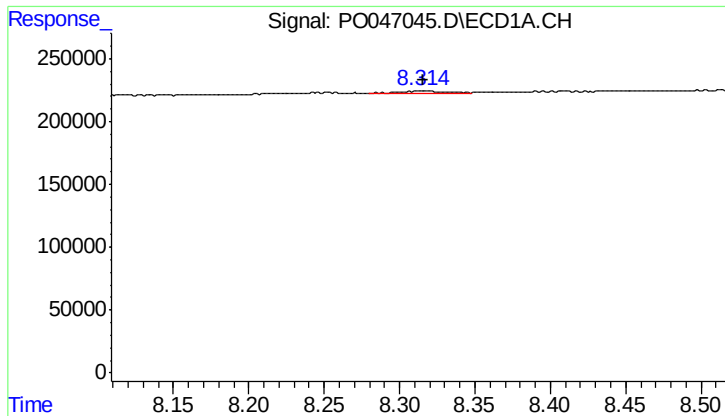
#33 AR-1260-3

R.T.: 7.702 min
Delta R.T.: 0.001 min
Response: 43357
Conc: 5.06 ng/ml



#33 AR-1260-3

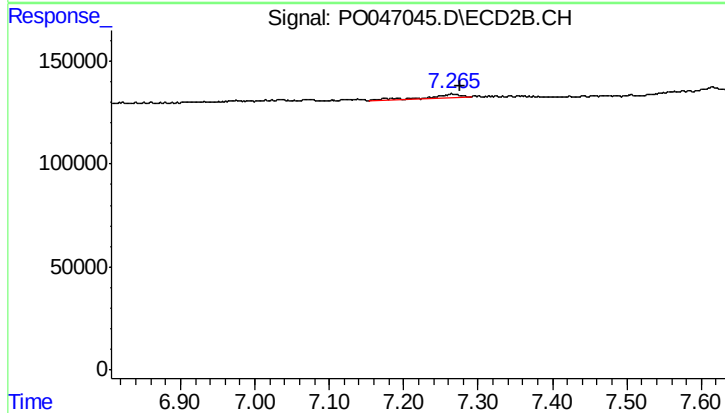
R.T.: 6.735 min
Delta R.T.: -0.003 min
Response: 42120
Conc: 5.61 ng/ml



#34 AR-1260-4

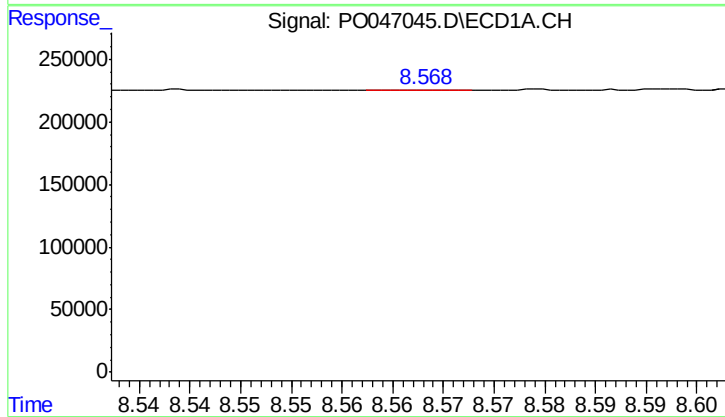
R.T.: 8.314 min
Delta R.T.: -0.002 min
Response: 38308
Conc: 3.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



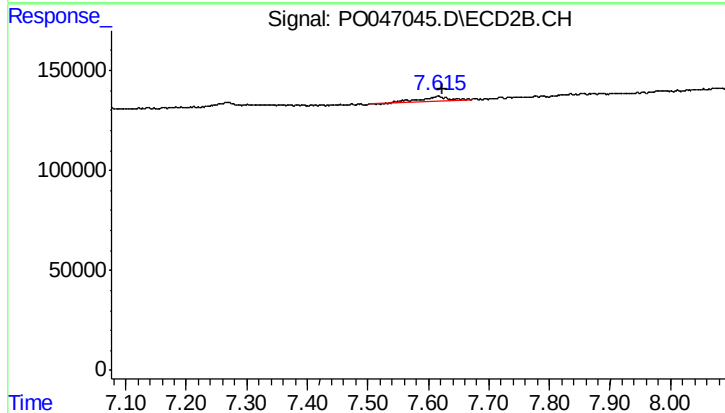
#34 AR-1260-4

R.T.: 7.268 min
Delta R.T.: -0.008 min
Response: 44691
Conc: 3.83 ng/ml



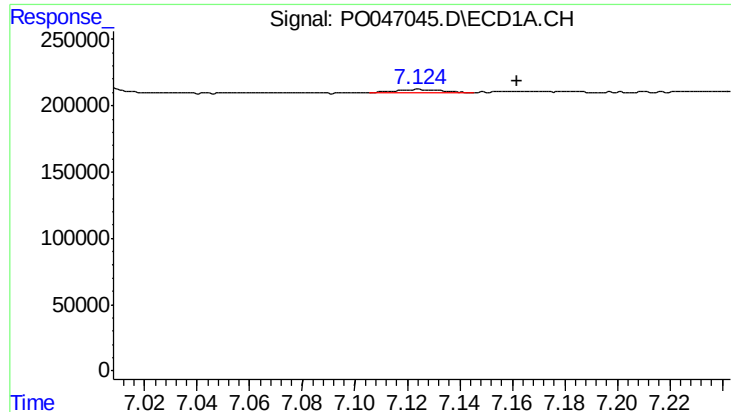
#35 AR-1260-5

R.T.: 8.567 min
Delta R.T.: -0.070 min
Response: 958
Conc: 0.13 ng/ml



#35 AR-1260-5

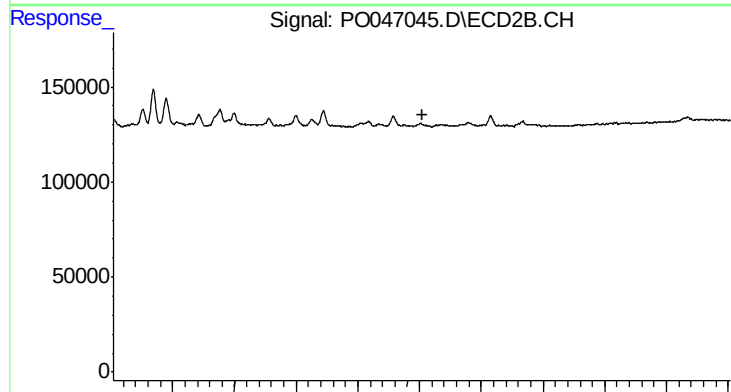
R.T.: 7.616 min
Delta R.T.: -0.008 min
Response: 78346
Conc: 9.45 ng/ml



#36 AR-1262-1

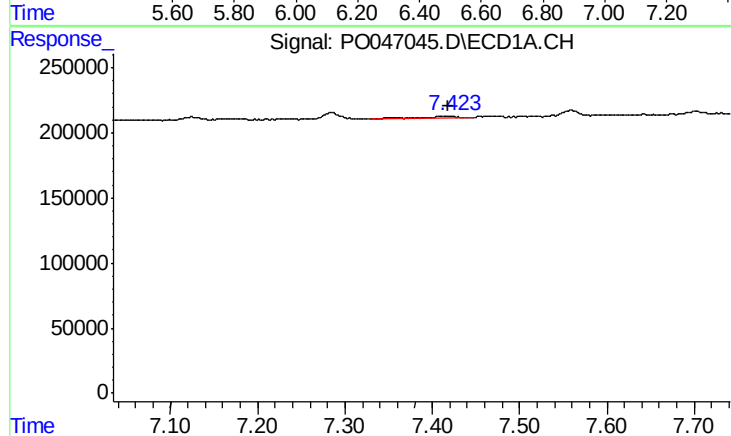
R.T.: 7.124 min
Delta R.T.: -0.038 min
Response: 34535
Conc: 6.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



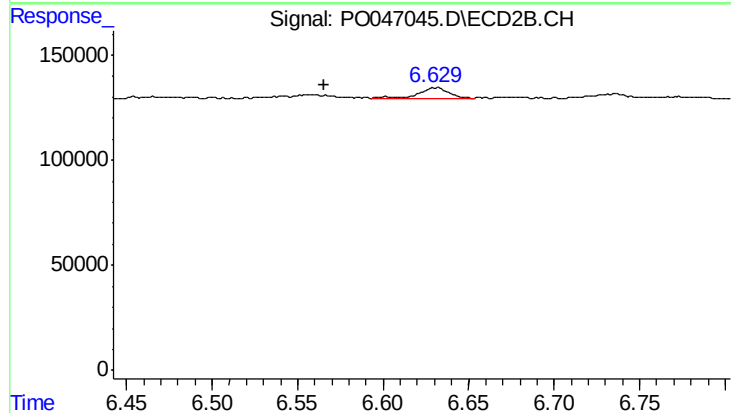
#36 AR-1262-1

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



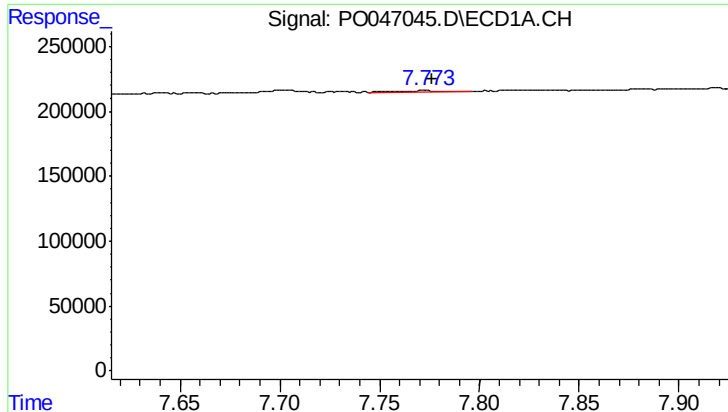
#37 AR-1262-2

R.T.: 7.423 min
Delta R.T.: 0.004 min
Response: 44925
Conc: 6.98 ng/ml



#37 AR-1262-2

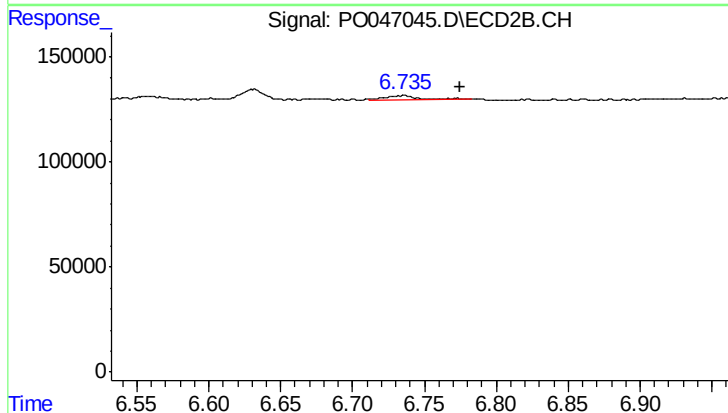
R.T.: 6.631 min
Delta R.T.: 0.066 min
Response: 65964
Conc: 10.78 ng/ml



#38 AR-1262-3

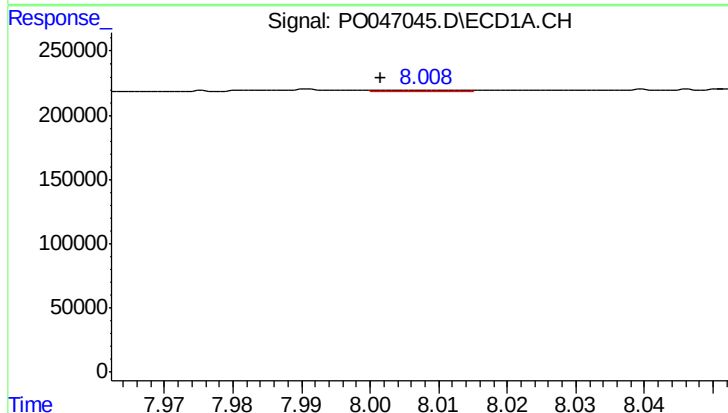
R.T.: 7.773 min
Delta R.T.: -0.003 min
Response: 18023
Conc: 2.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



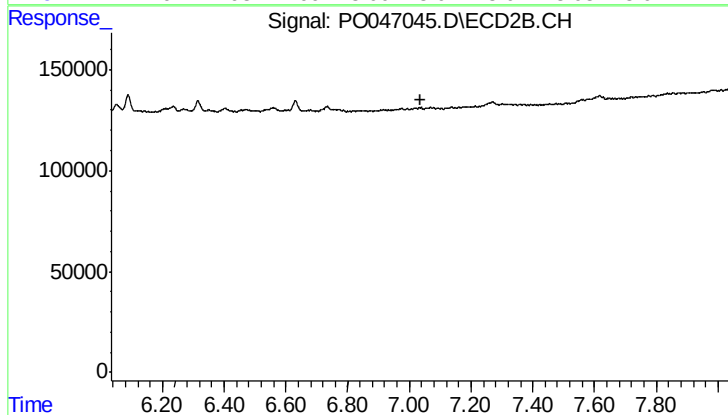
#38 AR-1262-3

R.T.: 6.735 min
Delta R.T.: -0.040 min
Response: 42120
Conc: 5.18 ng/ml



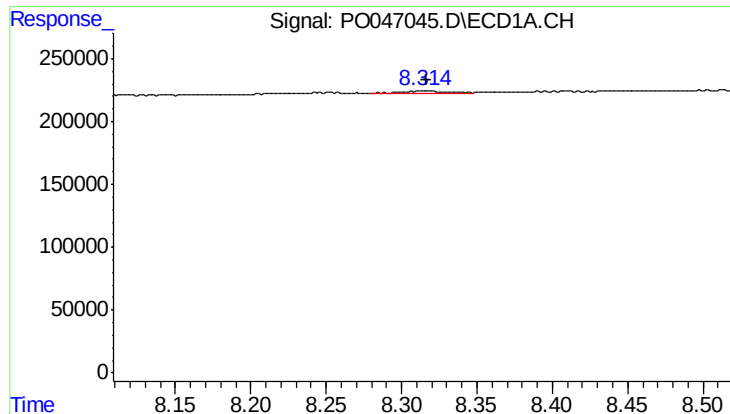
#39 AR-1262-4

R.T.: 8.007 min
Delta R.T.: 0.006 min
Response: 6843
Conc: 0.86 ng/ml



#39 AR-1262-4

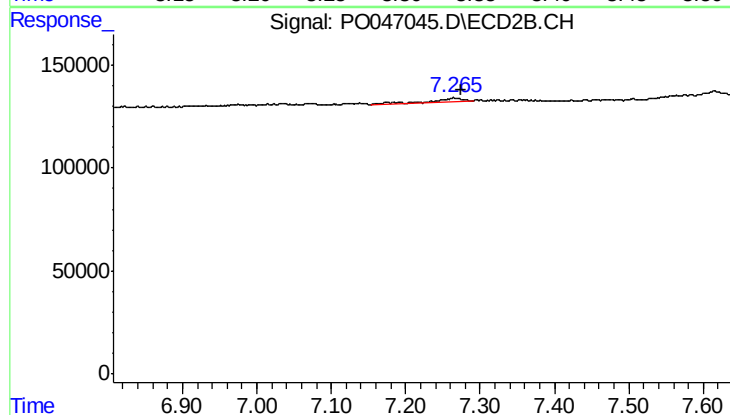
R.T.: 0.000 min
Exp R.T.: 7.035 min
Response: 0
Conc: N.D.



#40 AR-1262-5

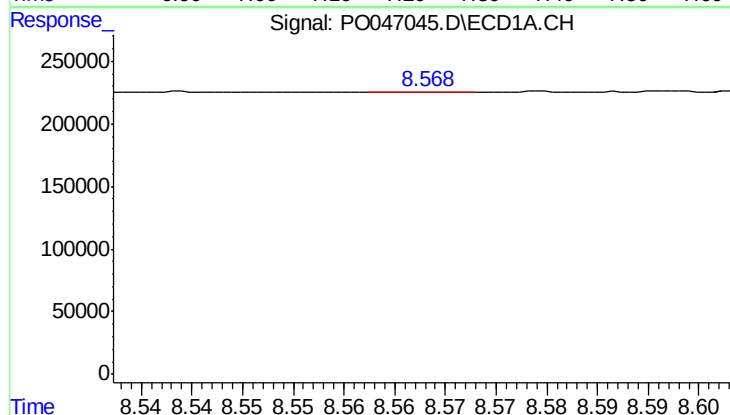
R.T.: 8.314 min
Delta R.T.: -0.003 min
Response: 38308
Conc: 2.57 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1248 MDL SOIL



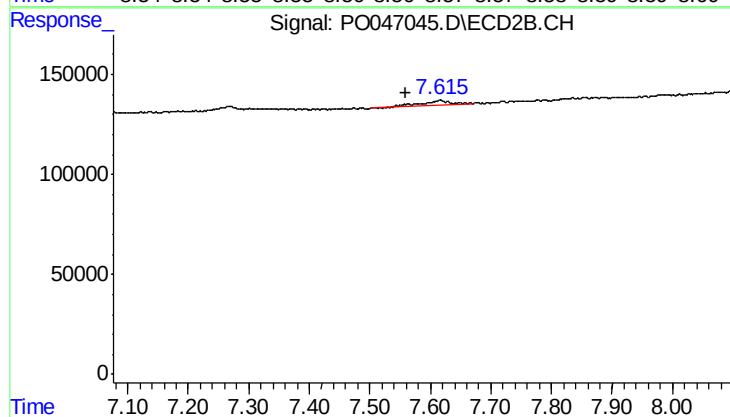
#40 AR-1262-5

R.T.: 7.268 min
Delta R.T.: -0.006 min
Response: 44691
Conc: 3.19 ng/ml



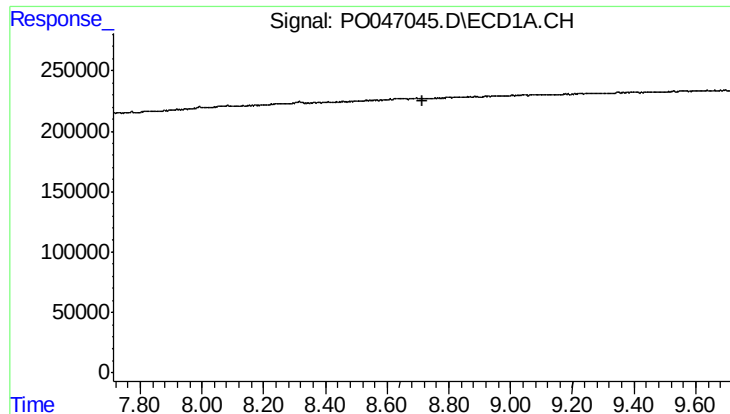
#41 AR-1268-1

R.T.: 8.567 min
Delta R.T.: -0.052 min
Response: 958
Conc: 0.06 ng/ml



#41 AR-1268-1

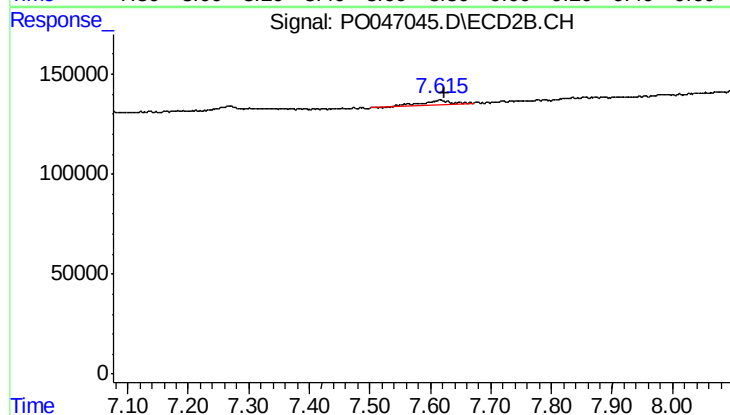
R.T.: 7.616 min
Delta R.T.: 0.057 min
Response: 78346
Conc: 5.75 ng/ml



#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 MDL SOIL



#42 AR-1268-2

R.T.: 7.616 min
Delta R.T.: -0.007 min
Response: 78346
Conc: 6.24 ng/ml