

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR050924\
 Data File : PR066627.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 23:25
 Operator : AJ\MA
 Sample : P2403-02
 Misc : AR1268 LOQ 50 PPB
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 01:22:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042424.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 26 07:26:35 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.653	2.893	111.8E6	89585560	21.337	20.043
2) SA Decachlor...	9.535	8.124	56081115	104.5E6	23.948	22.267
Target Compounds						
3) L1 AR-1016-1	4.853f	4.017	101734	299646	0.712	1.984 #
4) L1 AR-1016-2	4.914	4.017	46868	299646	0.214	1.397 #
5) L1 AR-1016-3	4.981	0.000	476745	0	3.283	N.D. #
6) L1 AR-1016-4	5.056	4.273f	140467	421313	1.222	4.367 #
7) L1 AR-1016-5	5.409f	0.000	140728	0	1.236	N.D. #
9) L2 AR-1221-2	3.964	3.194	1578624	1436913	35.724	34.609
12) L3 AR-1232-2	0.000	4.017	0	299646	N.D.	3.011 #
13) L3 AR-1232-3	4.914	0.000	46868	0	0.459	N.D. #
14) L3 AR-1232-4	5.056	4.273f	140467	421313	2.609	8.687 #
15) L3 AR-1232-5	5.169	0.000	310433	0	7.716	N.D. #
16) L4 AR-1242-1	4.853f	4.017	101734	299646	0.855	2.394 #
17) L4 AR-1242-2	4.914	4.017	46868	299646	0.261	1.691 #
18) L4 AR-1242-3	4.981	0.000	476745	0	4.002	N.D. #
19) L4 AR-1242-4	5.056	4.273f	140467	421313	1.484	4.413 #
20) L4 AR-1242-5	5.850	4.836	432285	392232	4.807	3.193 #
21) L5 AR-1248-1	4.853f	4.017	101734	299646	1.175	3.223 #
22) L5 AR-1248-2	5.169	4.273f	310433	421313	2.332	3.114 #
23) L5 AR-1248-3	5.409f	4.273f	140728	421313	0.938	3.060 #
25) L5 AR-1248-5	5.850	4.884	432285	315251	3.019	1.954 #
26) L6 AR-1254-1	5.782	4.836	1324452	392232	7.970	1.596 #
27) L6 AR-1254-2	6.009	0.000	859000	0	3.507	N.D. #
28) L6 AR-1254-3	6.413	5.397f	364844	1838965	1.476	5.350 #
29) L6 AR-1254-4	6.727	5.645f	162675	441833	1.025	2.069 #
30) L6 AR-1254-5	7.158f	0.000	219489	0	1.232	N.D. #
31) L7 AR-1260-1	6.570f	5.554	316340	373649	1.522	1.474
32) L7 AR-1260-2	6.865	5.755	77871	98455	0.351	0.323
33) L7 AR-1260-3	7.254	5.918	5130252	926710	30.591	3.183 #
34) L7 AR-1260-4	7.518	6.416	7707030	8479282	43.254	33.957
35) L7 AR-1260-5	7.832	6.682	1992635	3356472	6.823	5.978
36) L8 AR-1262-1	7.254	6.201	5130252	564429	22.489	3.906 #
37) L8 AR-1262-2	7.832	6.416	1992635	8479282	6.274	27.556 #
38) L8 AR-1262-3	8.134f	6.986	20651606	33759400	97.546	139.275 #
39) L8 AR-1262-4	8.225	7.055	18568099	30075018	169.985	68.434 #
40) L8 AR-1262-5	8.843f	7.589	4813595	11117543	47.358	51.496
41) L9 AR-1268-1	8.134f	6.986	20651606	33759400	52.972	46.626
42) L9 AR-1268-2	8.225f	7.055	18568099	30075018	54.044	46.860
43) L9 AR-1268-3	8.441f	7.276	8215485	26953358	26.762	47.523 #
44) L9 AR-1268-4	8.843f	7.589	4813595	11117543	41.424	45.553
45) L9 AR-1268-5	9.227f	7.883	25564678	76935685	31.351	47.479 #

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ALS Vial : 48 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 01:22:58 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR042424.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Apr 26 07:26:35 2024
Response via : Initial Calibration
Integrator: ChemStation

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

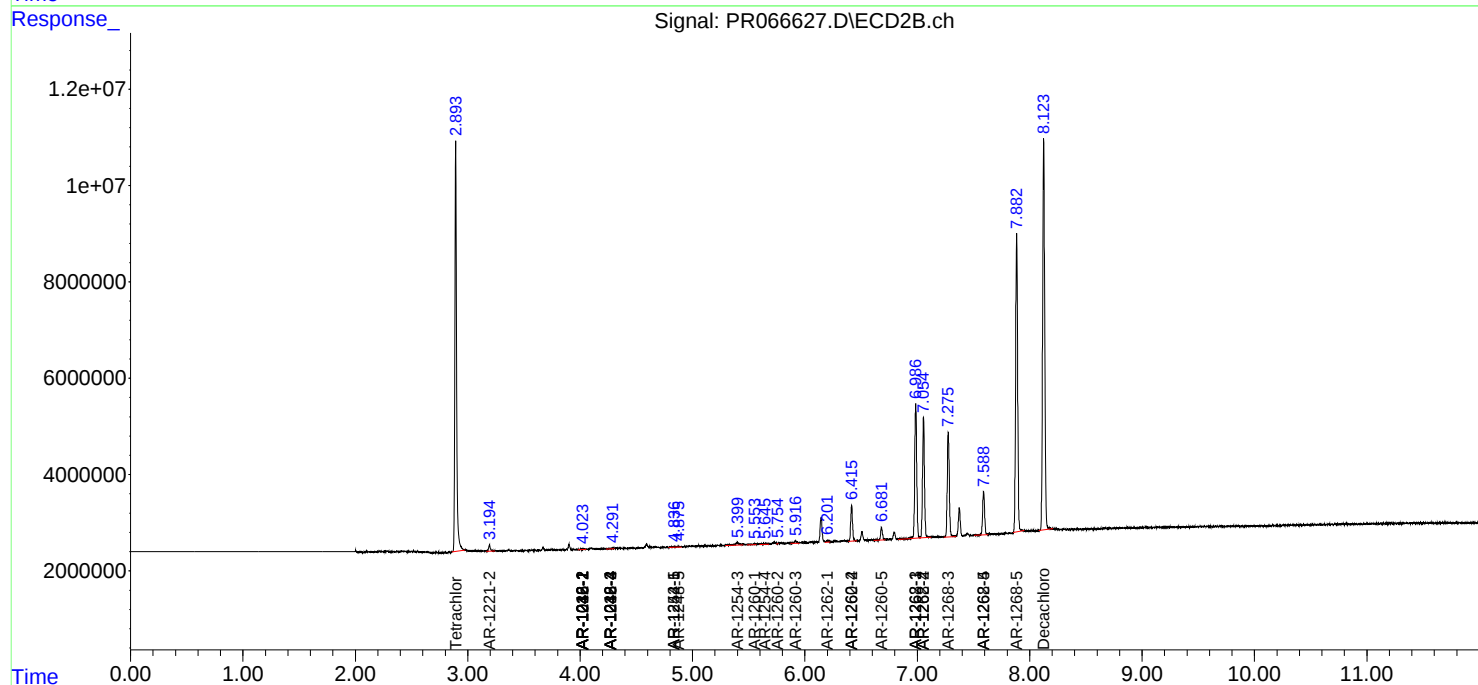
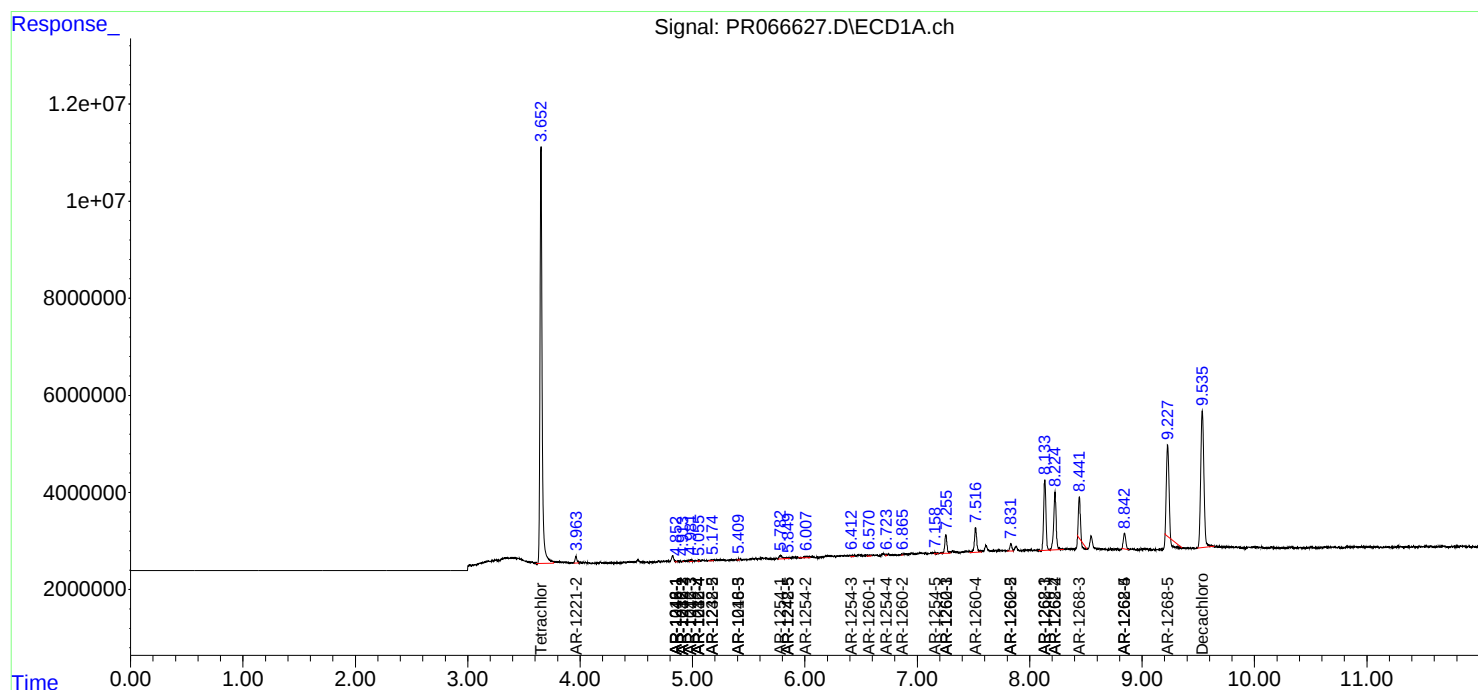
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

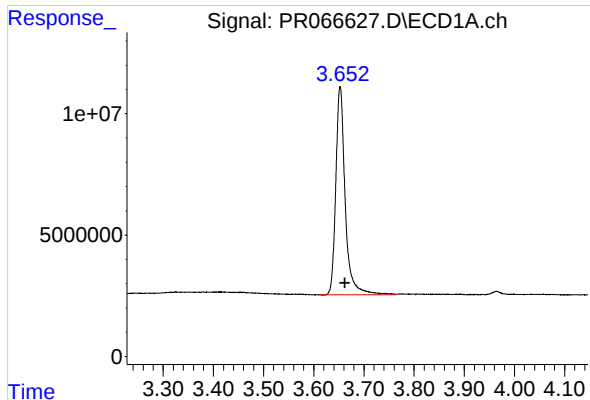
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR050924\
Data File : PR066627.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

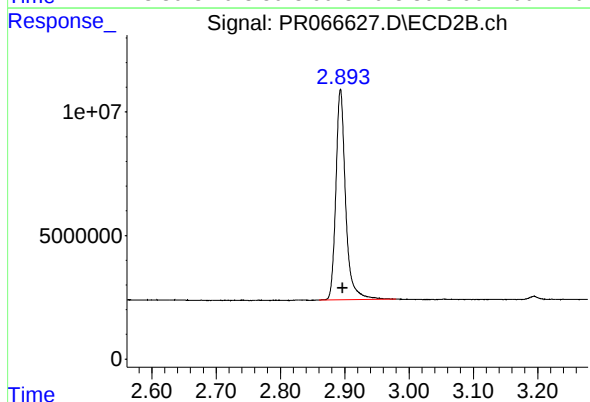




#1 Tetrachloro-m-xylene

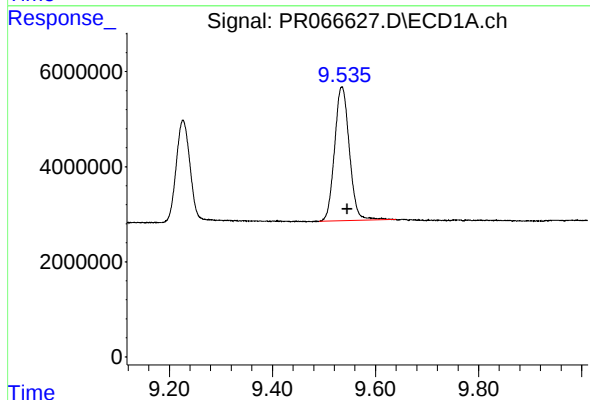
R.T.: 3.653 min
Delta R.T.: -0.009 min
Response: 111836796
Conc: 21.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



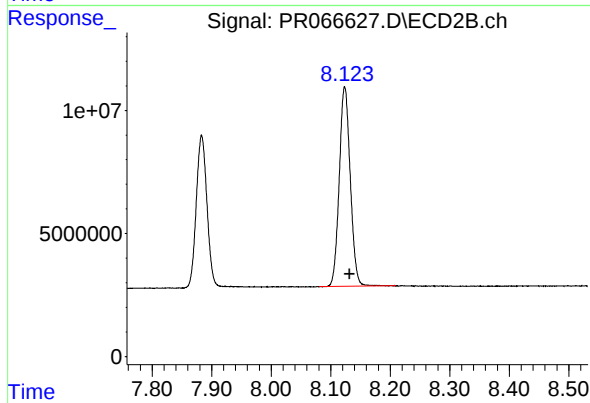
#1 Tetrachloro-m-xylene

R.T.: 2.893 min
Delta R.T.: -0.004 min
Response: 89585560
Conc: 20.04 ng/ml



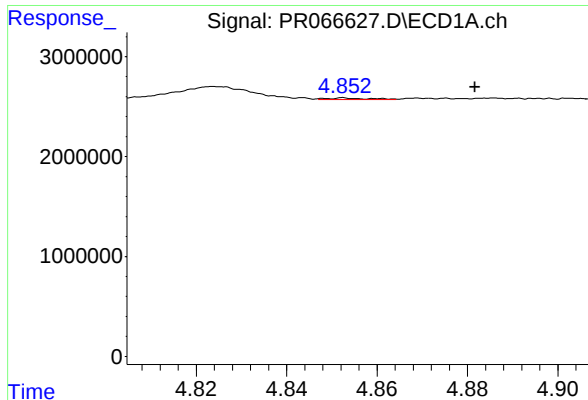
#2 Decachlorobiphenyl

R.T.: 9.535 min
Delta R.T.: -0.010 min
Response: 56081115
Conc: 23.95 ng/ml



#2 Decachlorobiphenyl

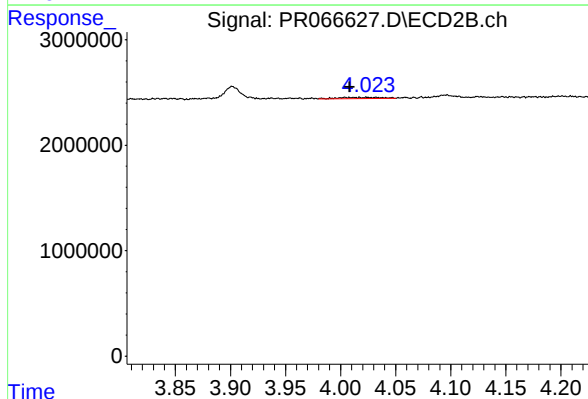
R.T.: 8.124 min
Delta R.T.: -0.008 min
Response: 104512358
Conc: 22.27 ng/ml



#3 AR-1016-1

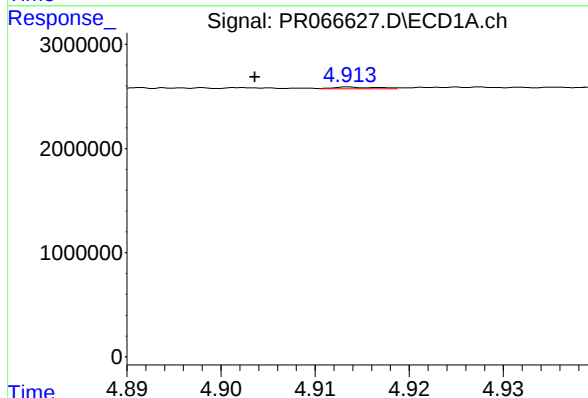
R.T.: 4.853 min
Delta R.T.: -0.029 min
Response: 101734
Conc: 0.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



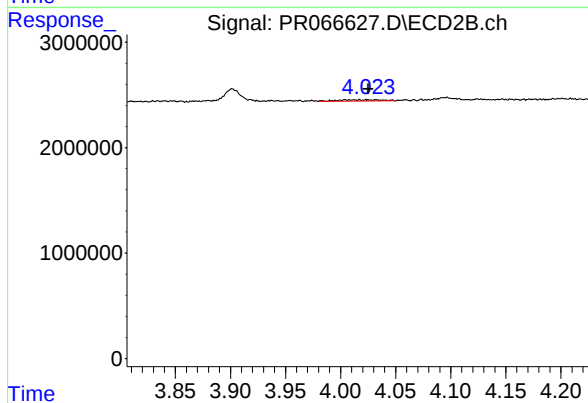
#3 AR-1016-1

R.T.: 4.017 min
Delta R.T.: 0.009 min
Response: 299646
Conc: 1.98 ng/ml



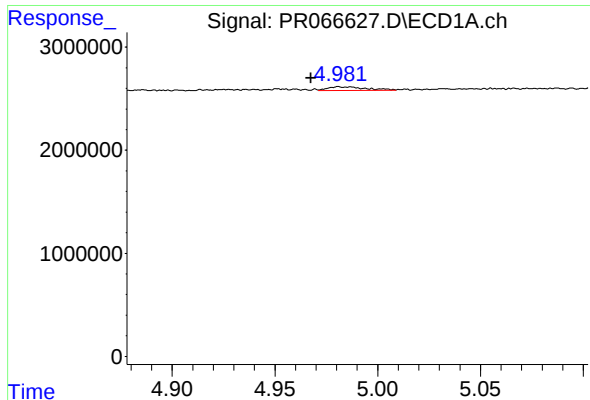
#4 AR-1016-2

R.T.: 4.914 min
Delta R.T.: 0.011 min
Response: 46868
Conc: 0.21 ng/ml



#4 AR-1016-2

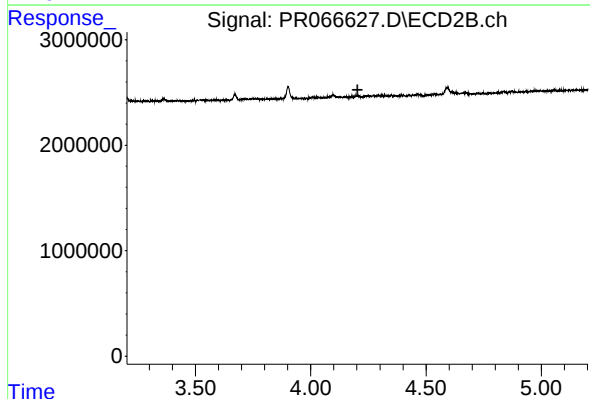
R.T.: 4.017 min
Delta R.T.: -0.008 min
Response: 299646
Conc: 1.40 ng/ml



#5 AR-1016-3

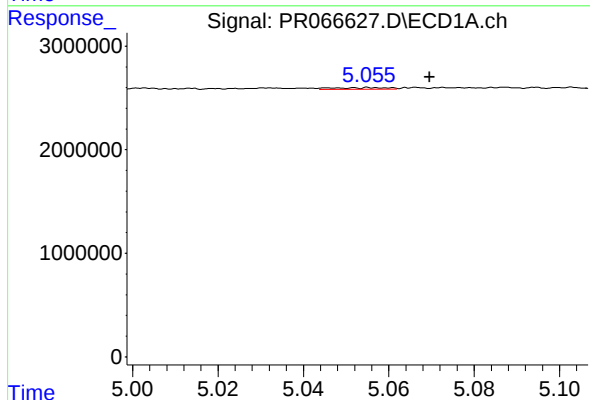
R.T.: 4.981 min
Delta R.T.: 0.013 min
Response: 476745
Conc: 3.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



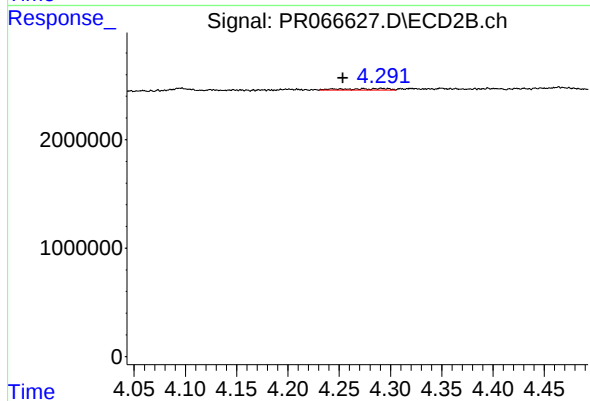
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T.: 4.203 min
Response: 0
Conc: N.D.



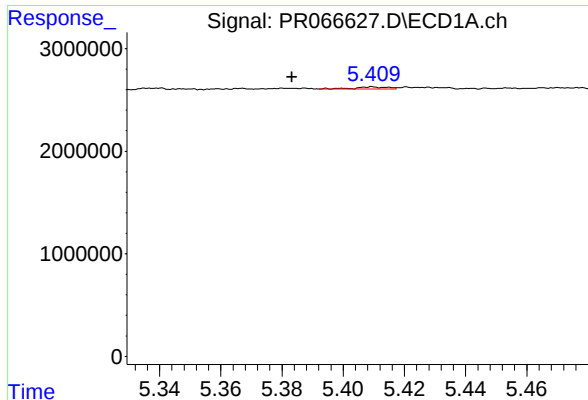
#6 AR-1016-4

R.T.: 5.056 min
Delta R.T.: -0.013 min
Response: 140467
Conc: 1.22 ng/ml



#6 AR-1016-4

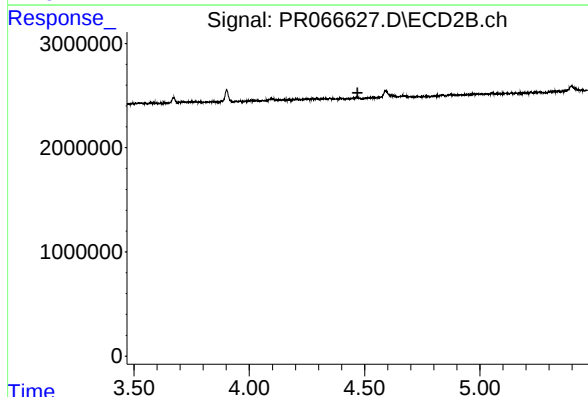
R.T.: 4.273 min
Delta R.T.: 0.019 min
Response: 421313
Conc: 4.37 ng/ml



#7 AR-1016-5

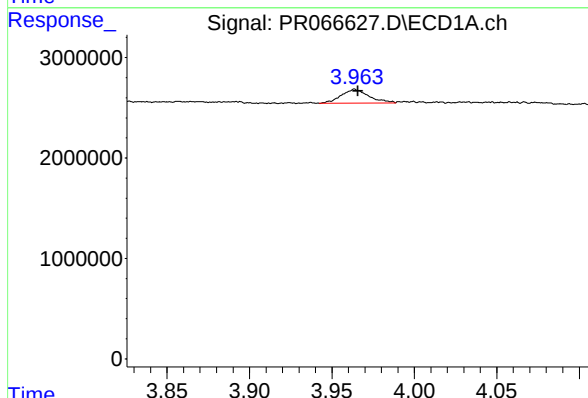
R.T.: 5.409 min
Delta R.T.: 0.026 min
Response: 140728
Conc: 1.24 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



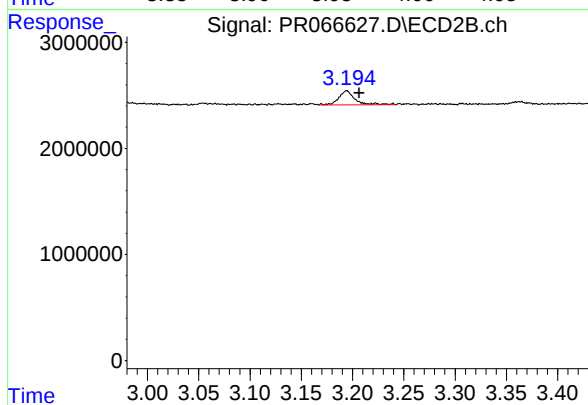
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 4.469 min
Response: 0
Conc: N.D.



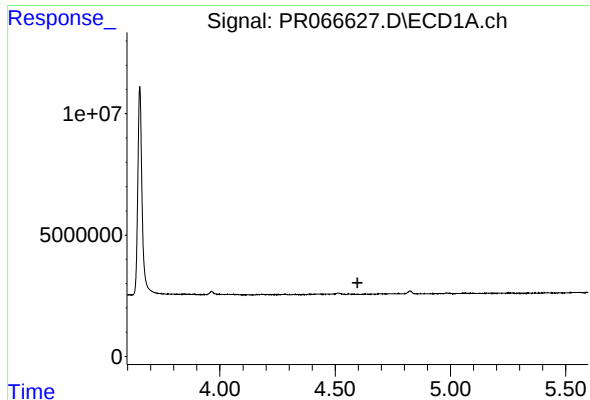
#9 AR-1221-2

R.T.: 3.964 min
Delta R.T.: -0.002 min
Response: 1578624
Conc: 35.72 ng/ml



#9 AR-1221-2

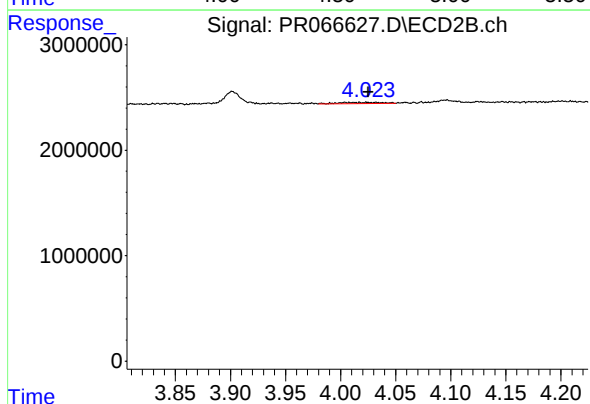
R.T.: 3.194 min
Delta R.T.: -0.012 min
Response: 1436913
Conc: 34.61 ng/ml



#12 AR-1232-2

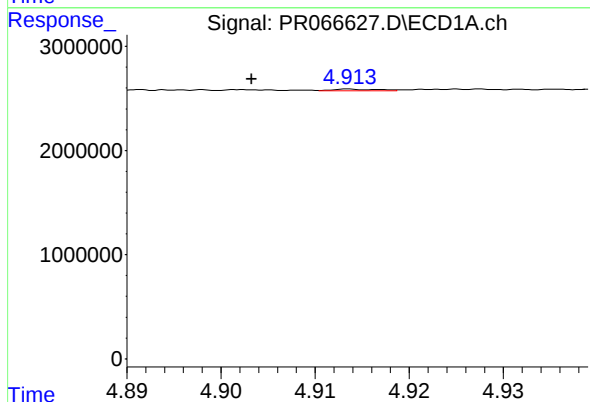
R.T.: 0.000 min
Exp R.T.: 4.597 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



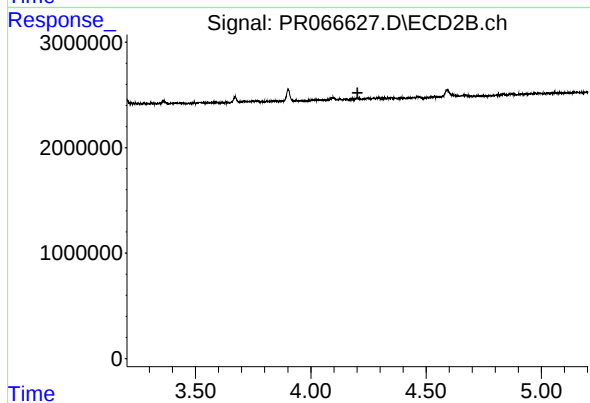
#12 AR-1232-2

R.T.: 4.017 min
Delta R.T.: -0.008 min
Response: 299646
Conc: 3.01 ng/ml



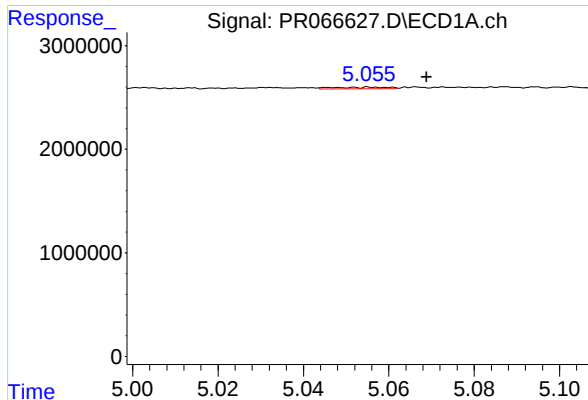
#13 AR-1232-3

R.T.: 4.914 min
Delta R.T.: 0.011 min
Response: 46868
Conc: 0.46 ng/ml



#13 AR-1232-3

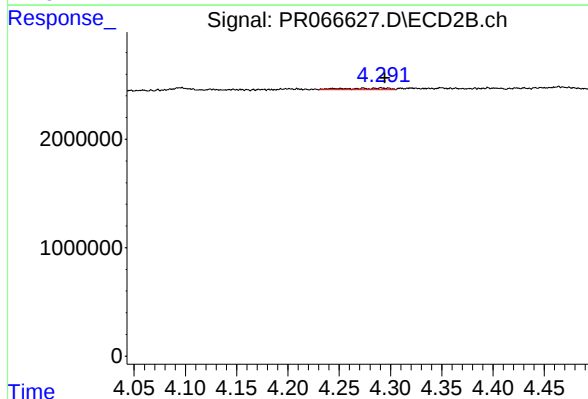
R.T.: 0.000 min
Exp R.T.: 4.203 min
Response: 0
Conc: N.D.



#14 AR-1232-4

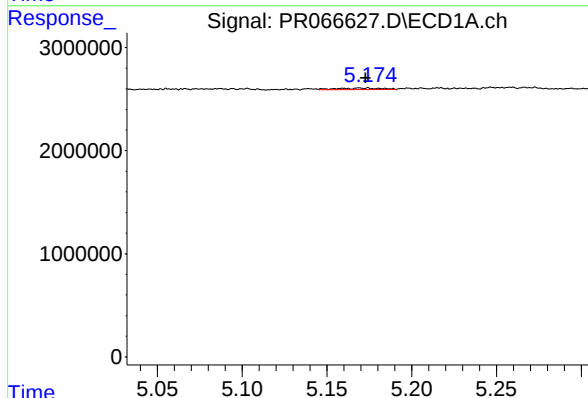
R.T.: 5.056 min
Delta R.T.: -0.013 min
Response: 140467
Conc: 2.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



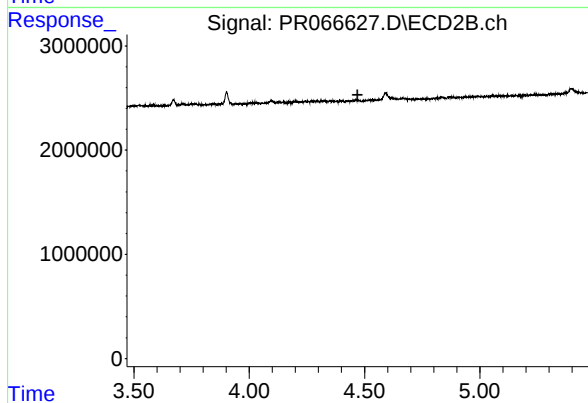
#14 AR-1232-4

R.T.: 4.273 min
Delta R.T.: -0.022 min
Response: 421313
Conc: 8.69 ng/ml



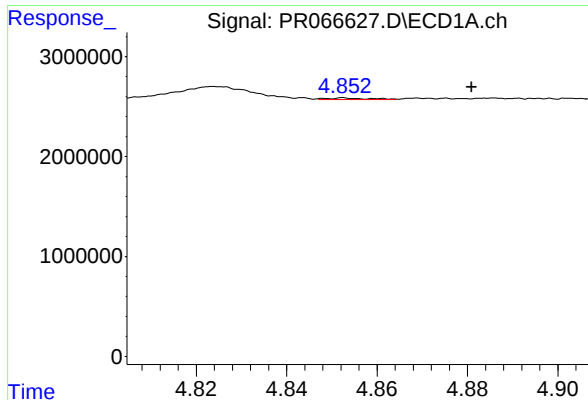
#15 AR-1232-5

R.T.: 5.169 min
Delta R.T.: -0.004 min
Response: 310433
Conc: 7.72 ng/ml



#15 AR-1232-5

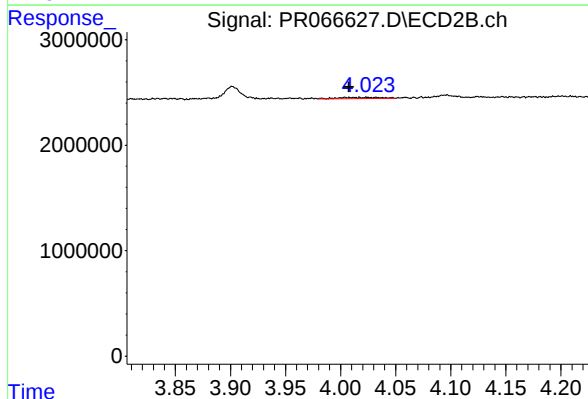
R.T.: 0.000 min
Exp R.T.: 4.469 min
Response: 0
Conc: N.D.



#16 AR-1242-1

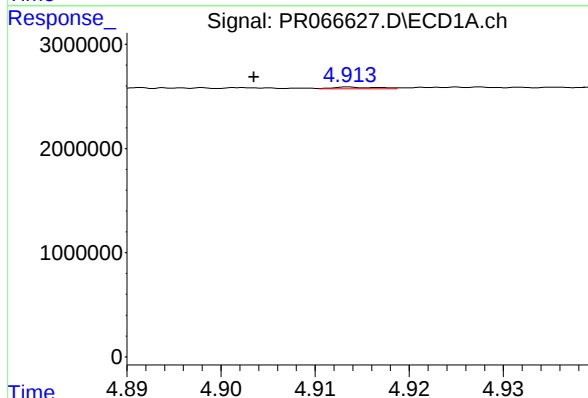
R.T.: 4.853 min
Delta R.T.: -0.028 min
Response: 101734
Conc: 0.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



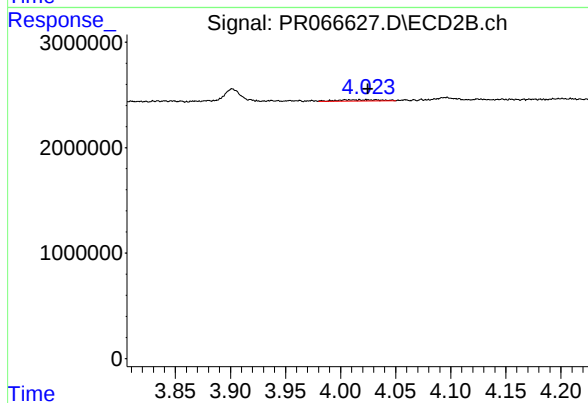
#16 AR-1242-1

R.T.: 4.017 min
Delta R.T.: 0.010 min
Response: 299646
Conc: 2.39 ng/ml



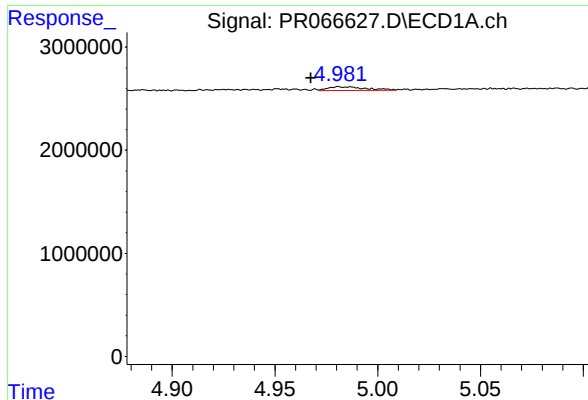
#17 AR-1242-2

R.T.: 4.914 min
Delta R.T.: 0.011 min
Response: 46868
Conc: 0.26 ng/ml



#17 AR-1242-2

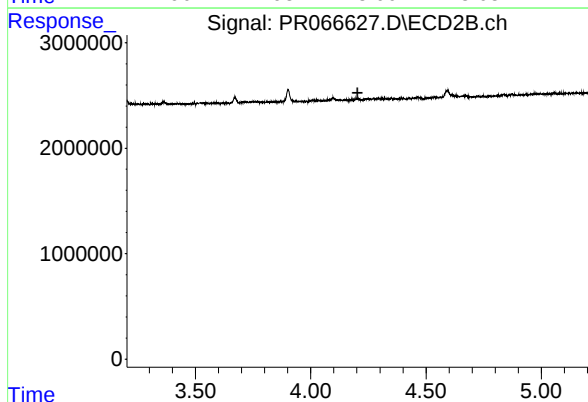
R.T.: 4.017 min
Delta R.T.: -0.008 min
Response: 299646
Conc: 1.69 ng/ml



#18 AR-1242-3

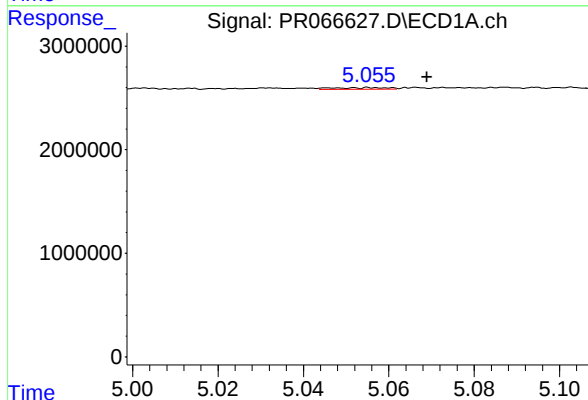
R.T.: 4.981 min
Delta R.T.: 0.013 min
Response: 476745
Conc: 4.00 ng/ml

Instrument :
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ClientSampleId :
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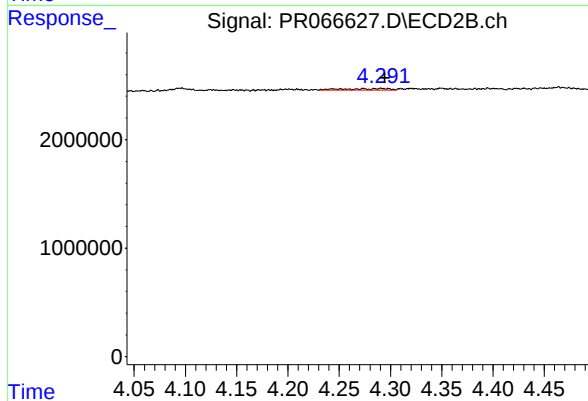
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 4.203 min
Response: 0
Conc: N.D.



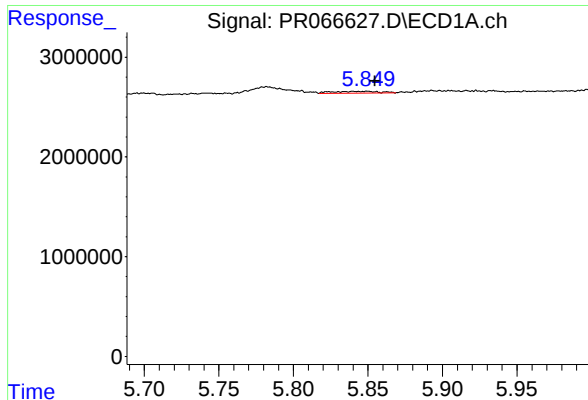
#19 AR-1242-4

R.T.: 5.056 min
Delta R.T.: -0.013 min
Response: 140467
Conc: 1.48 ng/ml



#19 AR-1242-4

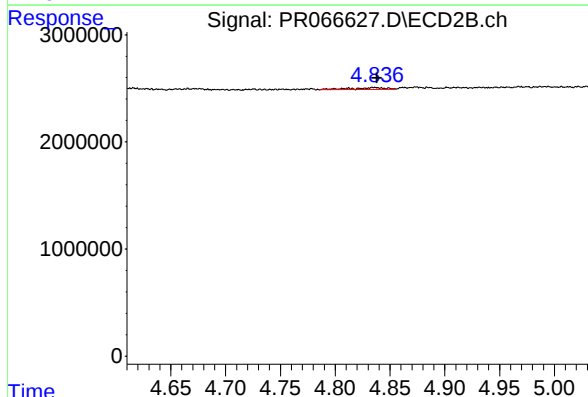
R.T.: 4.273 min
Delta R.T.: -0.021 min
Response: 421313
Conc: 4.41 ng/ml



#20 AR-1242-5

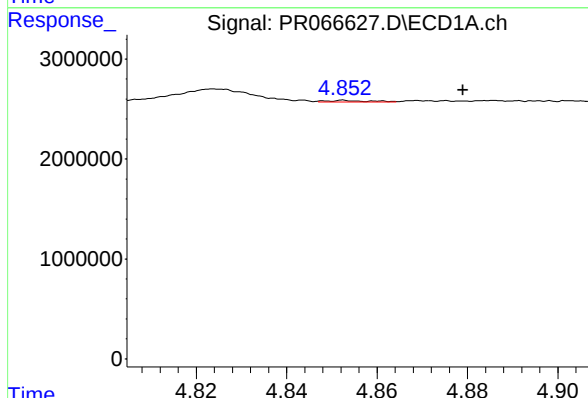
R.T.: 5.850 min
Delta R.T.: -0.005 min
Response: 432285
Conc: 4.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



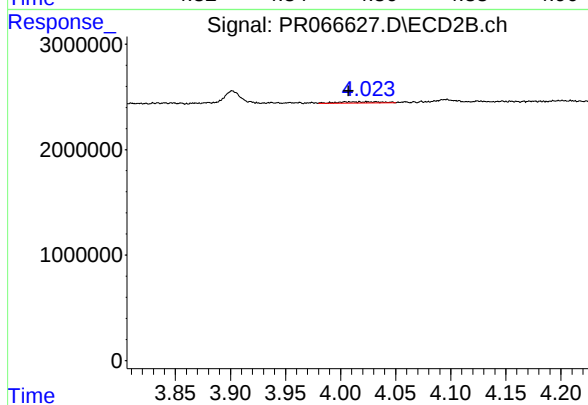
#20 AR-1242-5

R.T.: 4.836 min
Delta R.T.: -0.002 min
Response: 392232
Conc: 3.19 ng/ml



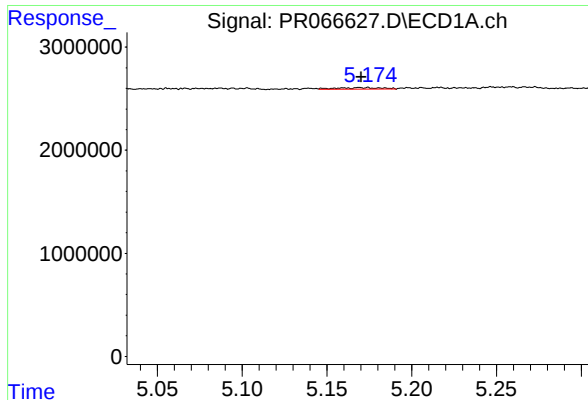
#21 AR-1248-1

R.T.: 4.853 min
Delta R.T.: -0.026 min
Response: 101734
Conc: 1.18 ng/ml



#21 AR-1248-1

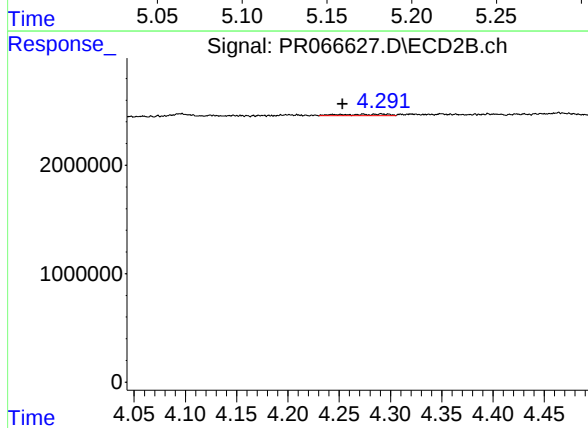
R.T.: 4.017 min
Delta R.T.: 0.010 min
Response: 299646
Conc: 3.22 ng/ml



#22 AR-1248-2

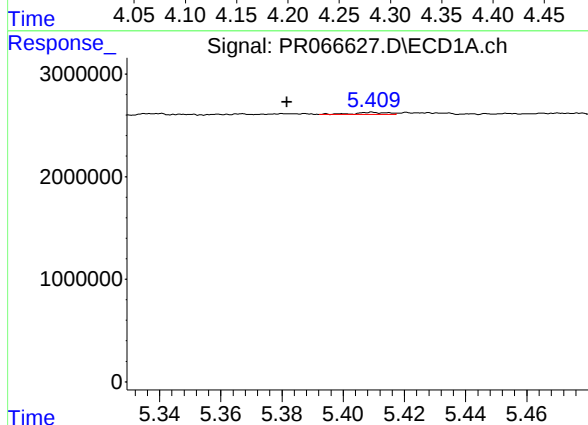
R.T.: 5.169 min
Delta R.T.: -0.001 min
Response: 310433
Conc: 2.33 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



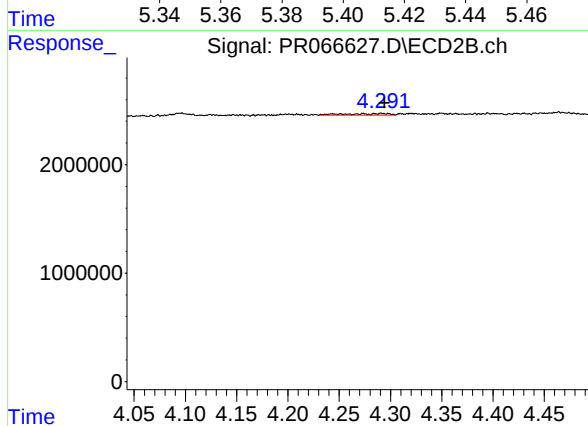
#22 AR-1248-2

R.T.: 4.273 min
Delta R.T.: 0.020 min
Response: 421313
Conc: 3.11 ng/ml



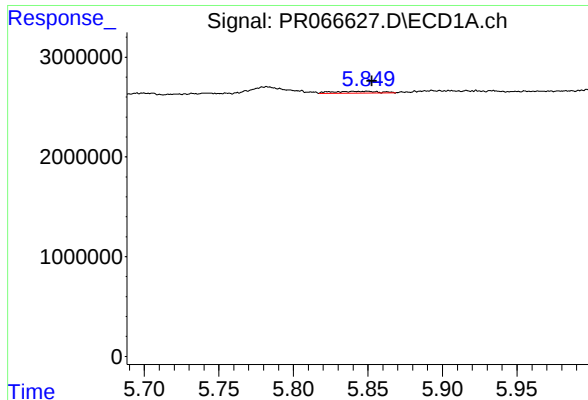
#23 AR-1248-3

R.T.: 5.409 min
Delta R.T.: 0.027 min
Response: 140728
Conc: 0.94 ng/ml



#23 AR-1248-3

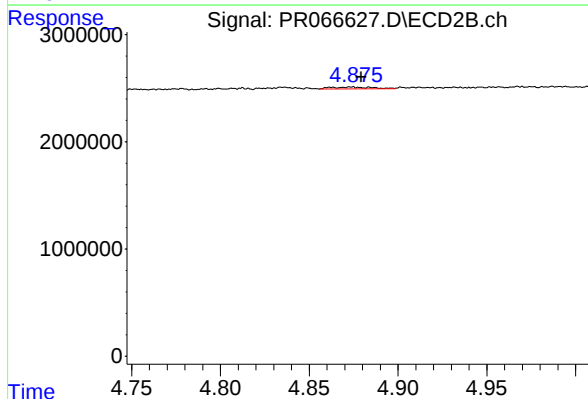
R.T.: 4.273 min
Delta R.T.: -0.021 min
Response: 421313
Conc: 3.06 ng/ml



#25 AR-1248-5

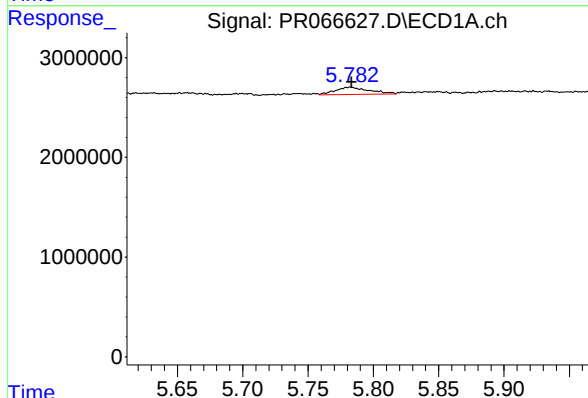
R.T.: 5.850 min
Delta R.T.: -0.003 min
Response: 432285
Conc: 3.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



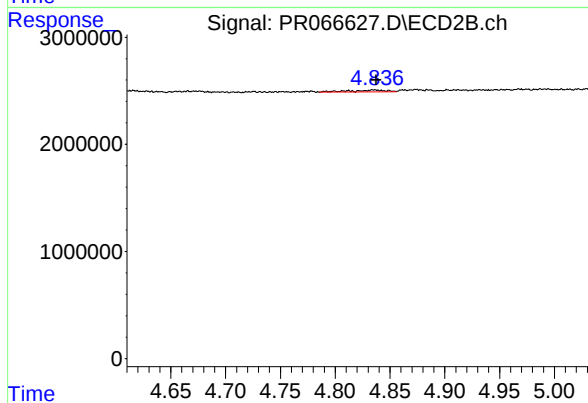
#25 AR-1248-5

R.T.: 4.884 min
Delta R.T.: 0.004 min
Response: 315251
Conc: 1.95 ng/ml



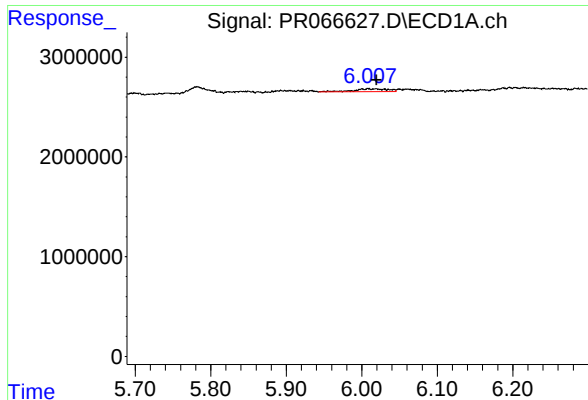
#26 AR-1254-1

R.T.: 5.782 min
Delta R.T.: -0.001 min
Response: 1324452
Conc: 7.97 ng/ml



#26 AR-1254-1

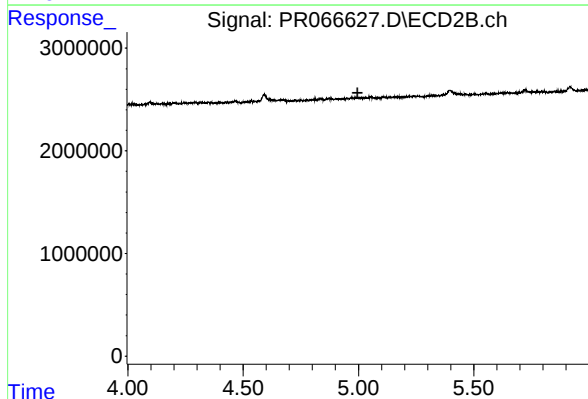
R.T.: 4.836 min
Delta R.T.: -0.001 min
Response: 392232
Conc: 1.60 ng/ml



#27 AR-1254-2

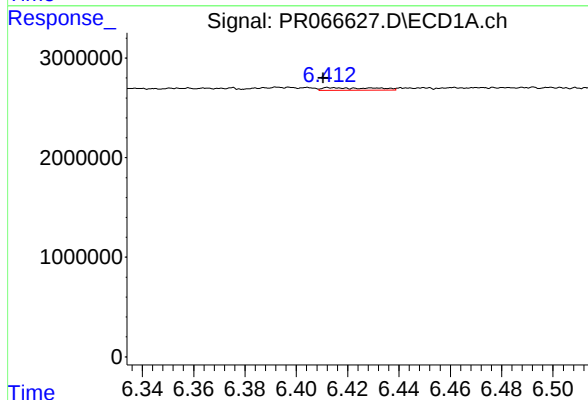
R.T.: 6.009 min
Delta R.T.: -0.011 min
Response: 859000
Conc: 3.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



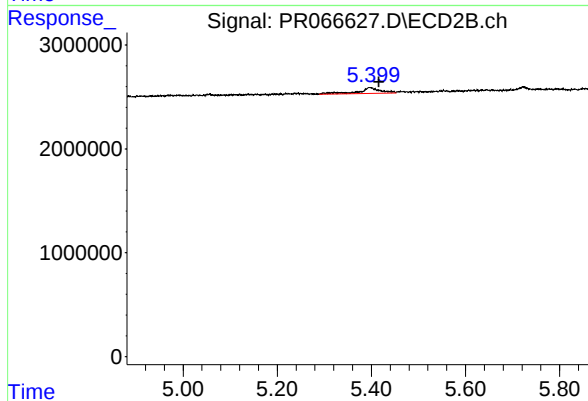
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 4.996 min
Response: 0
Conc: N.D.



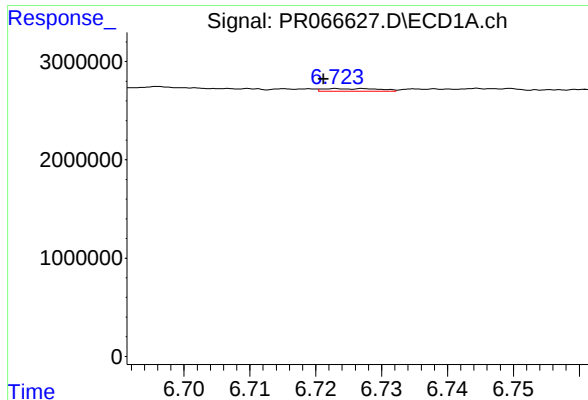
#28 AR-1254-3

R.T.: 6.413 min
Delta R.T.: 0.003 min
Response: 364844
Conc: 1.48 ng/ml



#28 AR-1254-3

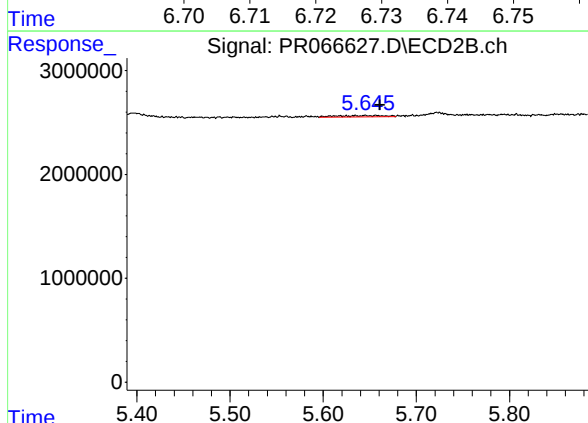
R.T.: 5.397 min
Delta R.T.: -0.019 min
Response: 1838965
Conc: 5.35 ng/ml



#29 AR-1254-4

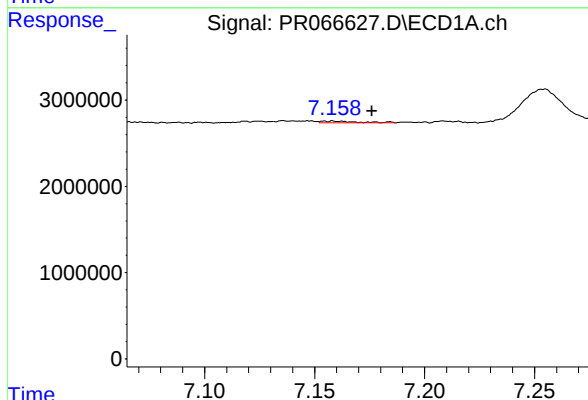
R.T.: 6.727 min
Delta R.T.: 0.005 min
Response: 162675
Conc: 1.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



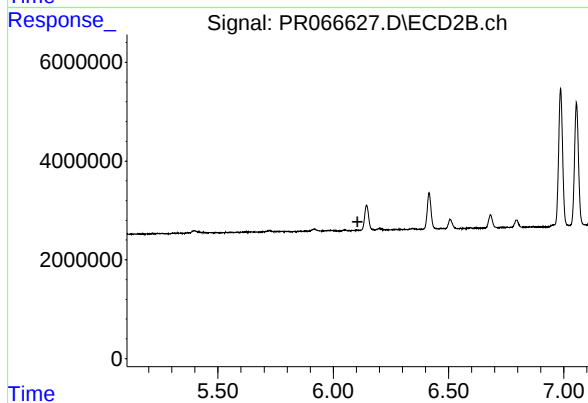
#29 AR-1254-4

R.T.: 5.645 min
Delta R.T.: -0.015 min
Response: 441833
Conc: 2.07 ng/ml



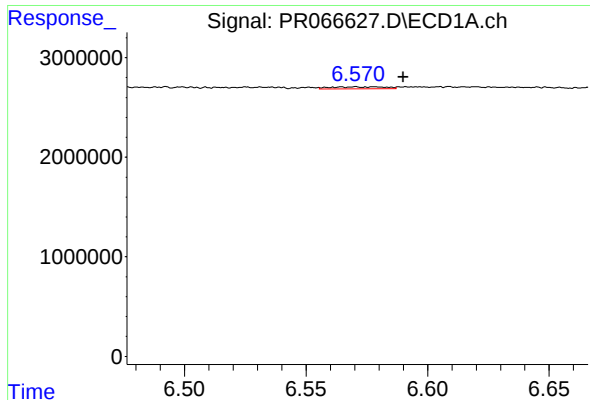
#30 AR-1254-5

R.T.: 7.158 min
Delta R.T.: -0.018 min
Response: 219489
Conc: 1.23 ng/ml



#30 AR-1254-5

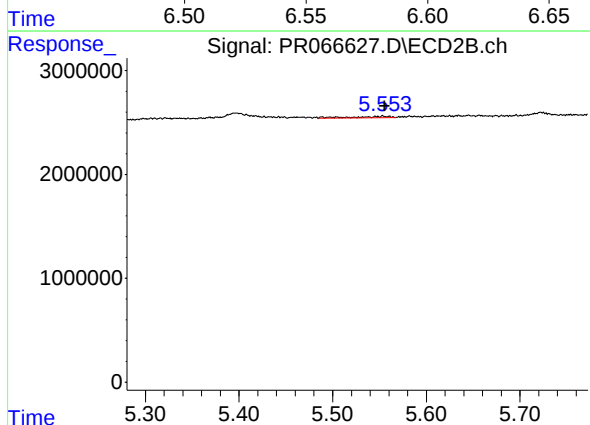
R.T.: 0.000 min
Exp R.T.: 6.105 min
Response: 0
Conc: N.D.



#31 AR-1260-1

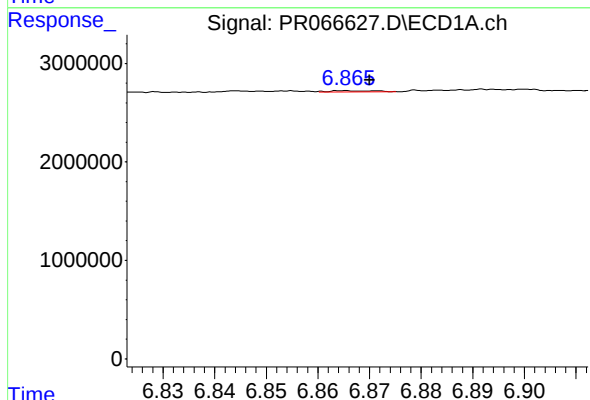
R.T.: 6.570 min
Delta R.T.: -0.020 min
Response: 316340
Conc: 1.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



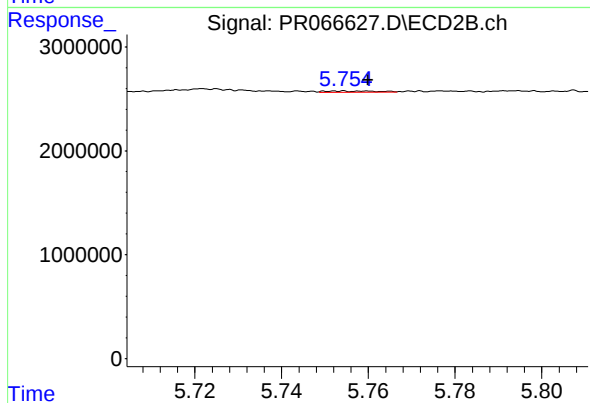
#31 AR-1260-1

R.T.: 5.554 min
Delta R.T.: -0.001 min
Response: 373649
Conc: 1.47 ng/ml



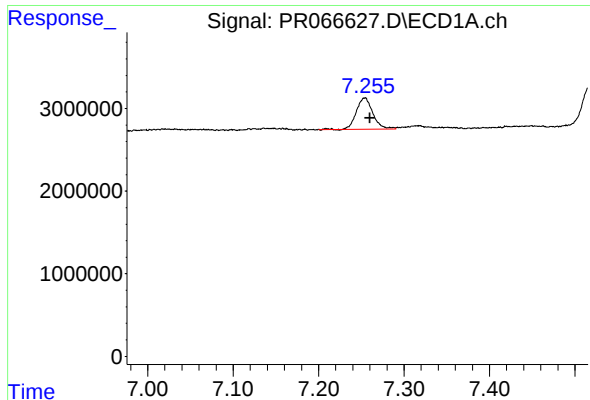
#32 AR-1260-2

R.T.: 6.865 min
Delta R.T.: -0.005 min
Response: 77871
Conc: 0.35 ng/ml



#32 AR-1260-2

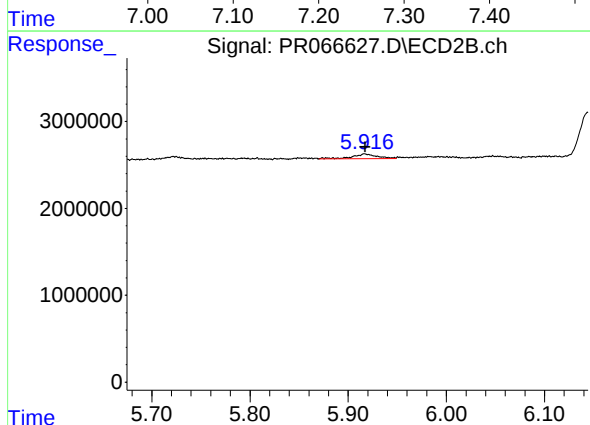
R.T.: 5.755 min
Delta R.T.: -0.005 min
Response: 98455
Conc: 0.32 ng/ml



#33 AR-1260-3

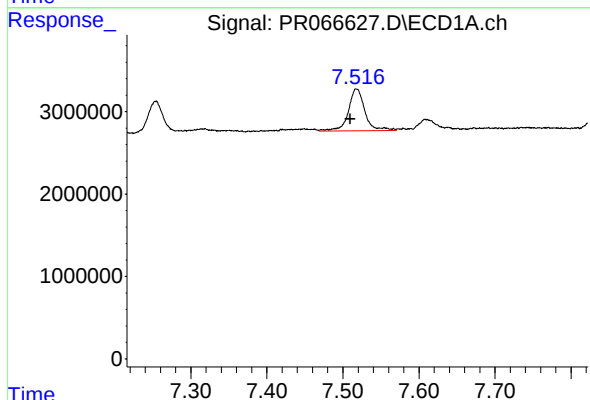
R.T.: 7.254 min
Delta R.T.: -0.006 min
Response: 5130252
Conc: 30.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



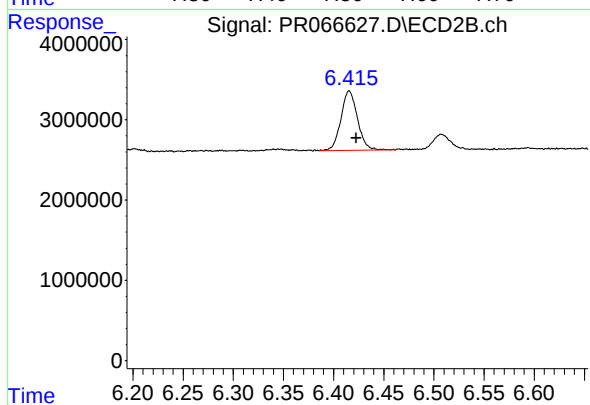
#33 AR-1260-3

R.T.: 5.918 min
Delta R.T.: 0.000 min
Response: 926710
Conc: 3.18 ng/ml



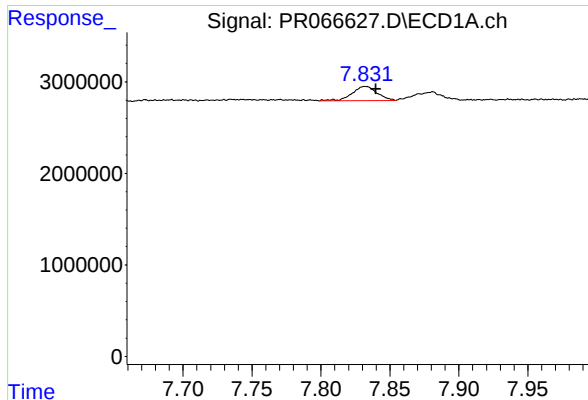
#34 AR-1260-4

R.T.: 7.518 min
Delta R.T.: 0.008 min
Response: 7707030
Conc: 43.25 ng/ml



#34 AR-1260-4

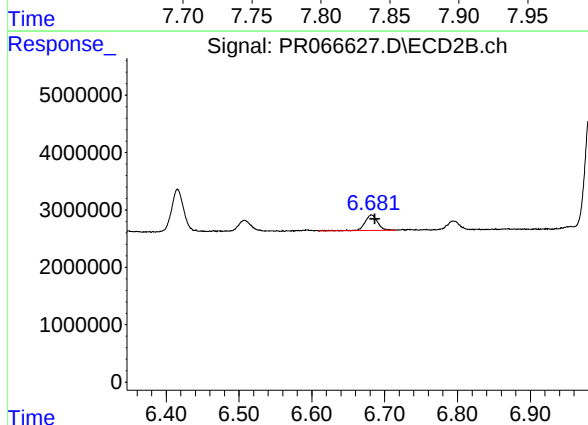
R.T.: 6.416 min
Delta R.T.: -0.007 min
Response: 8479282
Conc: 33.96 ng/ml



#35 AR-1260-5

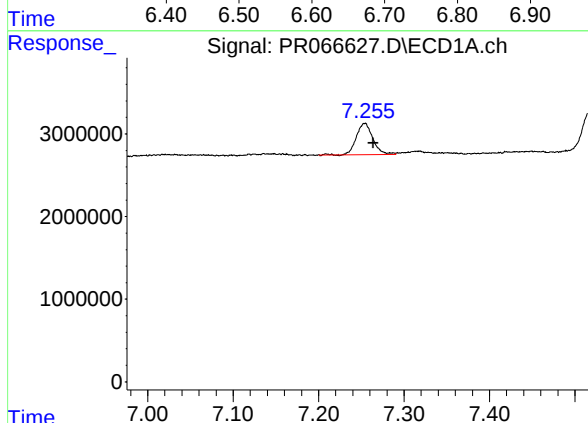
R.T.: 7.832 min
Delta R.T.: -0.008 min
Response: 1992635
Conc: 6.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



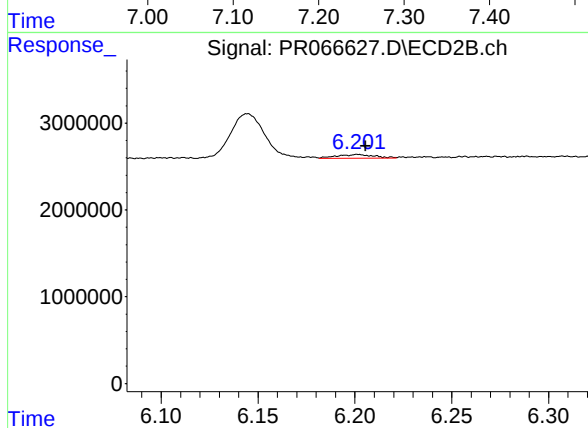
#35 AR-1260-5

R.T.: 6.682 min
Delta R.T.: -0.005 min
Response: 3356472
Conc: 5.98 ng/ml



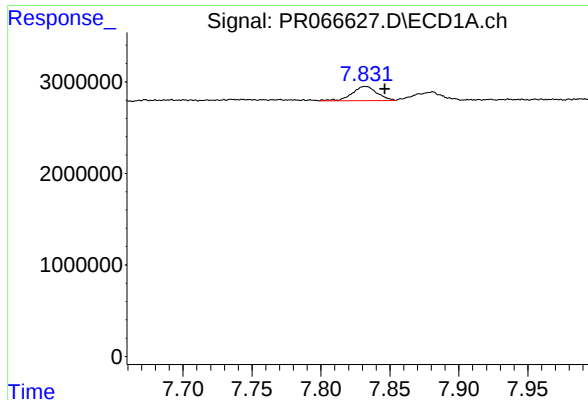
#36 AR-1262-1

R.T.: 7.254 min
Delta R.T.: -0.010 min
Response: 5130252
Conc: 22.49 ng/ml



#36 AR-1262-1

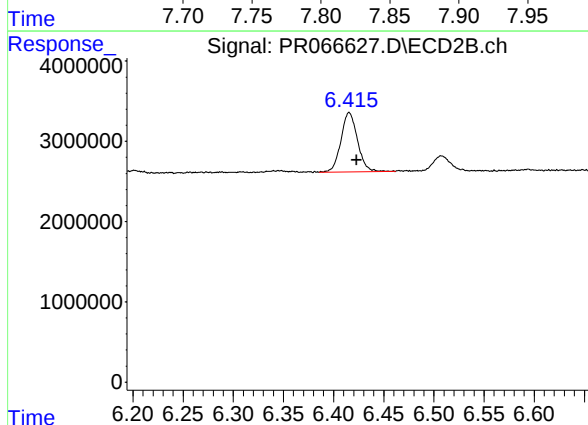
R.T.: 6.201 min
Delta R.T.: -0.004 min
Response: 564429
Conc: 3.91 ng/ml



#37 AR-1262-2

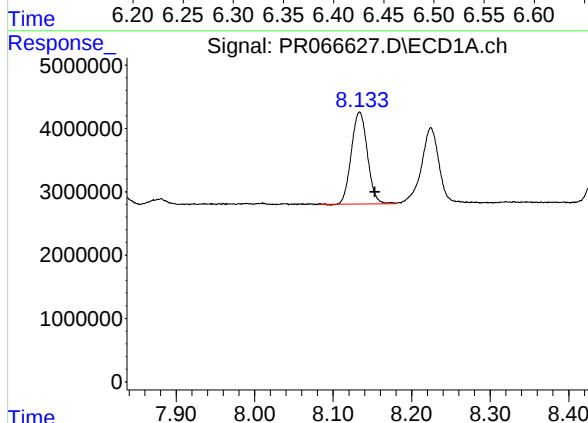
R.T.: 7.832 min
Delta R.T.: -0.014 min
Response: 1992635
Conc: 6.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



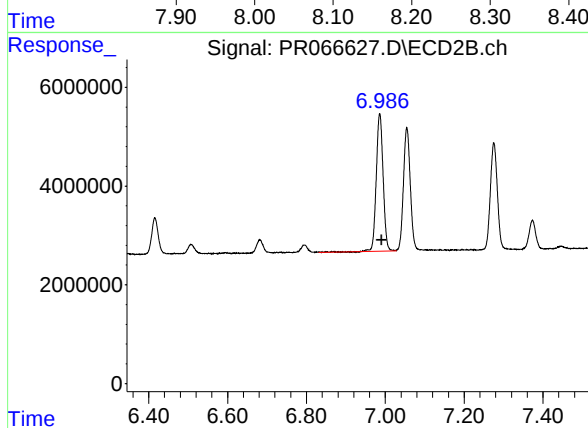
#37 AR-1262-2

R.T.: 6.416 min
Delta R.T.: -0.007 min
Response: 8479282
Conc: 27.56 ng/ml



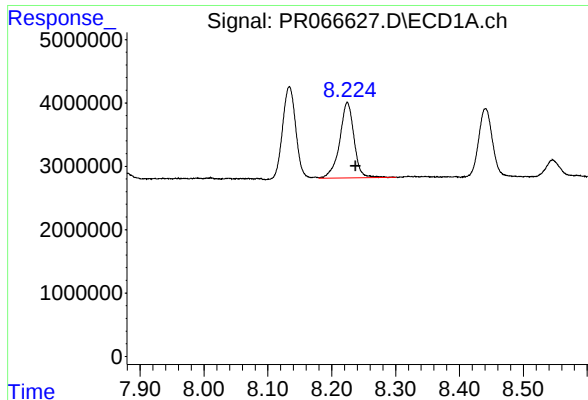
#38 AR-1262-3

R.T.: 8.134 min
Delta R.T.: -0.020 min
Response: 20651606
Conc: 97.55 ng/ml



#38 AR-1262-3

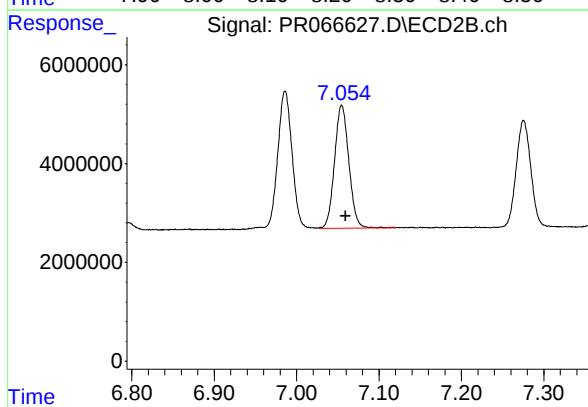
R.T.: 6.986 min
Delta R.T.: -0.005 min
Response: 33759400
Conc: 139.27 ng/ml



#39 AR-1262-4

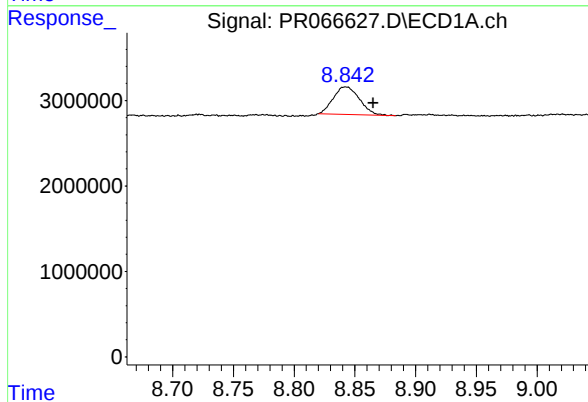
R.T.: 8.225 min
Delta R.T.: -0.013 min
Response: 18568099
Conc: 169.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



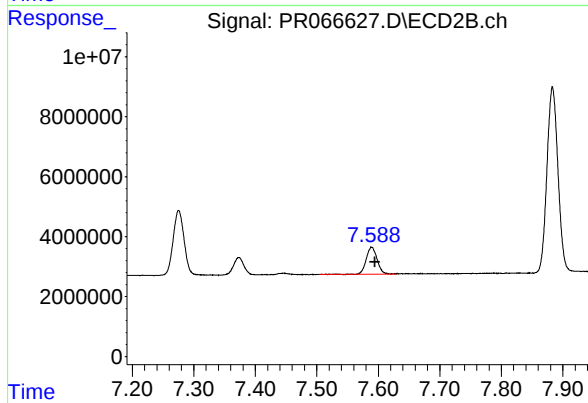
#39 AR-1262-4

R.T.: 7.055 min
Delta R.T.: -0.005 min
Response: 30075018
Conc: 68.43 ng/ml



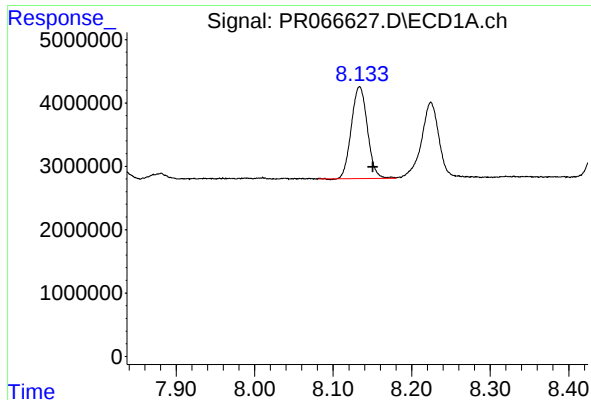
#40 AR-1262-5

R.T.: 8.843 min
Delta R.T.: -0.023 min
Response: 4813595
Conc: 47.36 ng/ml



#40 AR-1262-5

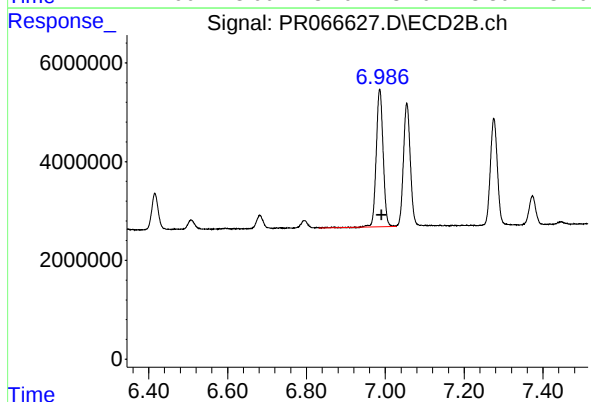
R.T.: 7.589 min
Delta R.T.: -0.006 min
Response: 11117543
Conc: 51.50 ng/ml



#41 AR-1268-1

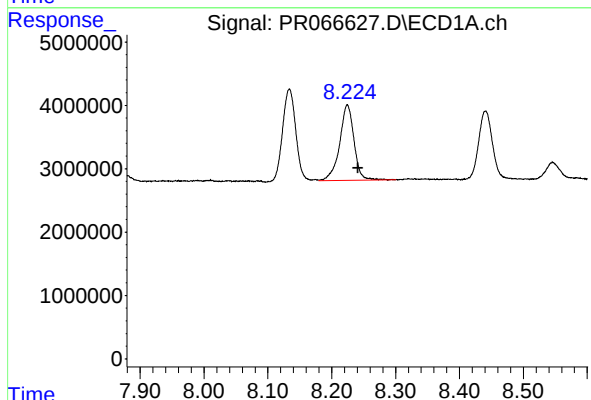
R.T.: 8.134 min
Delta R.T.: -0.017 min
Response: 20651606
Conc: 52.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



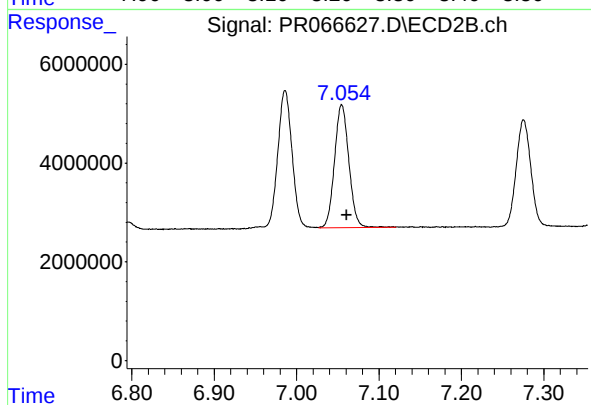
#41 AR-1268-1

R.T.: 6.986 min
Delta R.T.: -0.005 min
Response: 33759400
Conc: 46.63 ng/ml



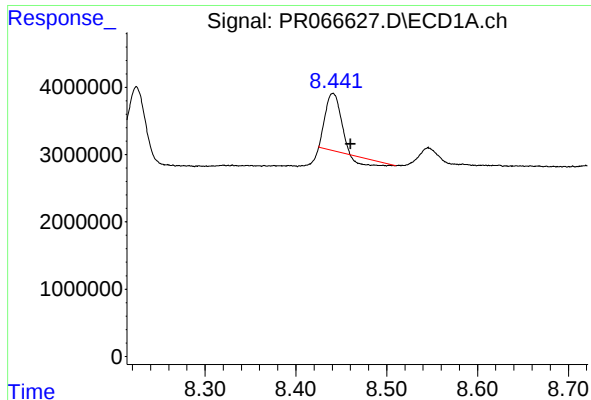
#42 AR-1268-2

R.T.: 8.225 min
Delta R.T.: -0.017 min
Response: 18568099
Conc: 54.04 ng/ml



#42 AR-1268-2

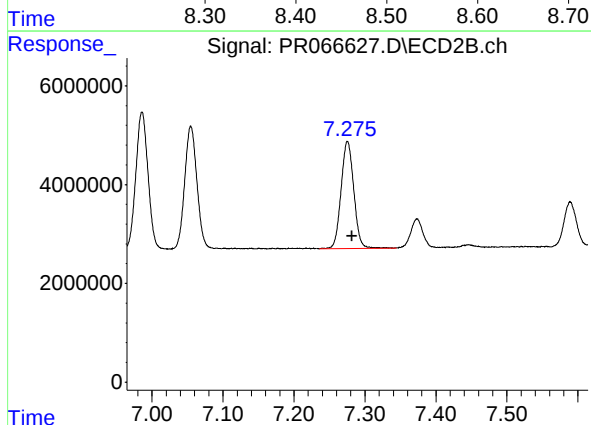
R.T.: 7.055 min
Delta R.T.: -0.006 min
Response: 30075018
Conc: 46.86 ng/ml



#43 AR-1268-3

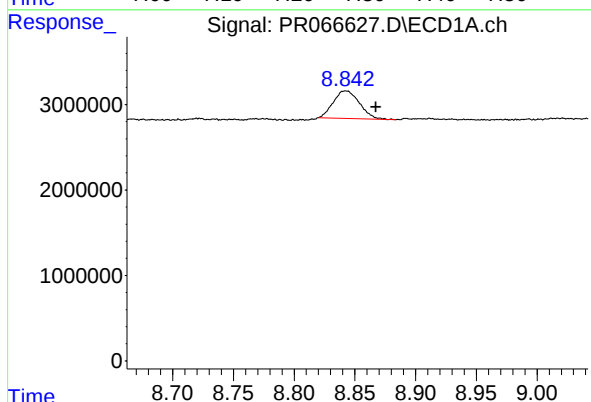
R.T.: 8.441 min
Delta R.T.: -0.020 min
Response: 8215485
Conc: 26.76 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



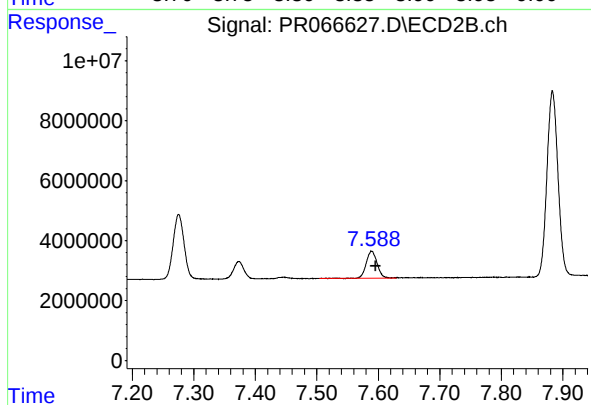
#43 AR-1268-3

R.T.: 7.276 min
Delta R.T.: -0.006 min
Response: 26953358
Conc: 47.52 ng/ml



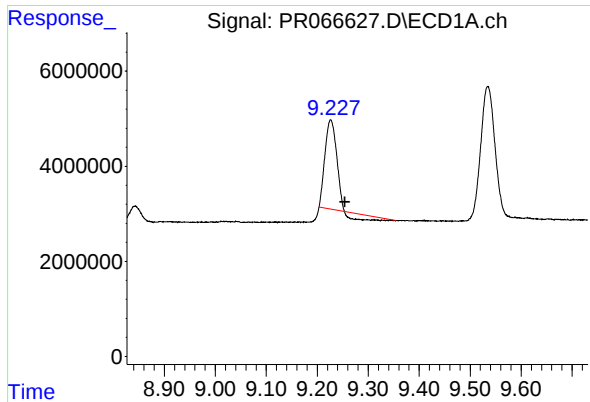
#44 AR-1268-4

R.T.: 8.843 min
Delta R.T.: -0.025 min
Response: 4813595
Conc: 41.42 ng/ml



#44 AR-1268-4

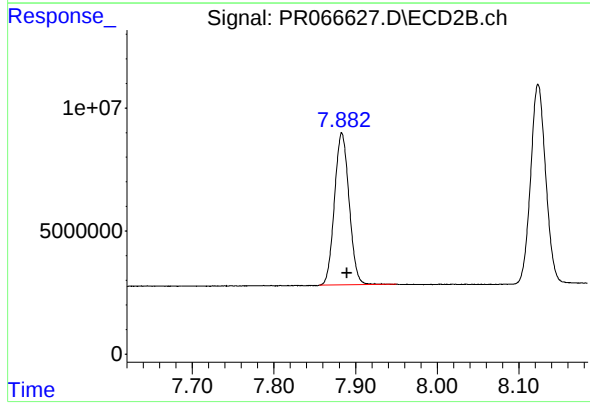
R.T.: 7.589 min
Delta R.T.: -0.007 min
Response: 11117543
Conc: 45.55 ng/ml



#45 AR-1268-5

R.T.: 9.227 min
Delta R.T.: -0.028 min
Response: 25564678
Conc: 31.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
LOQ-SOIL-02-QT2-2024



#45 AR-1268-5

R.T.: 7.883 min
Delta R.T.: -0.006 min
Response: 76935685
Conc: 47.48 ng/ml