

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0022423\
 Data File : P0092685.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2023 10:20
 Operator : YP/AJ
 Sample : 01627-01
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Ankita Jodhani 02/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 03:36:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0022123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Feb 22 05:46:11 2023
 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...	4.433	3.639	64300431	24484165	21.414	19.208
2) SA Decachlor...	10.268	8.675	45151064	22772198	23.474	19.540
Target Compounds						
3) L1 AR-1016-1	5.610	4.726	2760086	1031656	30.031	25.537
4) L1 AR-1016-2	5.632	4.744	4005420	1548752	30.052	26.822
5) L1 AR-1016-3	5.693	4.921	3141154	735377	36.179	23.467 #
6) L1 AR-1016-4	5.794	4.964	1709366	711016	26.176	25.432
7) L1 AR-1016-5	6.092	5.176	1905060	880970	26.805	24.835
31) L7 AR-1260-1	7.228	6.214	3300837	1874108	27.049	27.508
32) L7 AR-1260-2	7.487	6.403	4804433	2131153	32.688m	26.513
33) L7 AR-1260-3	7.771	6.557	4520550	2252084	28.759m	27.900
34) L7 AR-1260-4	8.078	7.032	2988620	1565909	25.514	25.725
35) L7 AR-1260-5	8.405	7.275	5531883	3186240	26.674	24.957

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

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Misc : AR1660 LOD 25 PPB
ALS Vial : 5 Sample Multiplier: 1

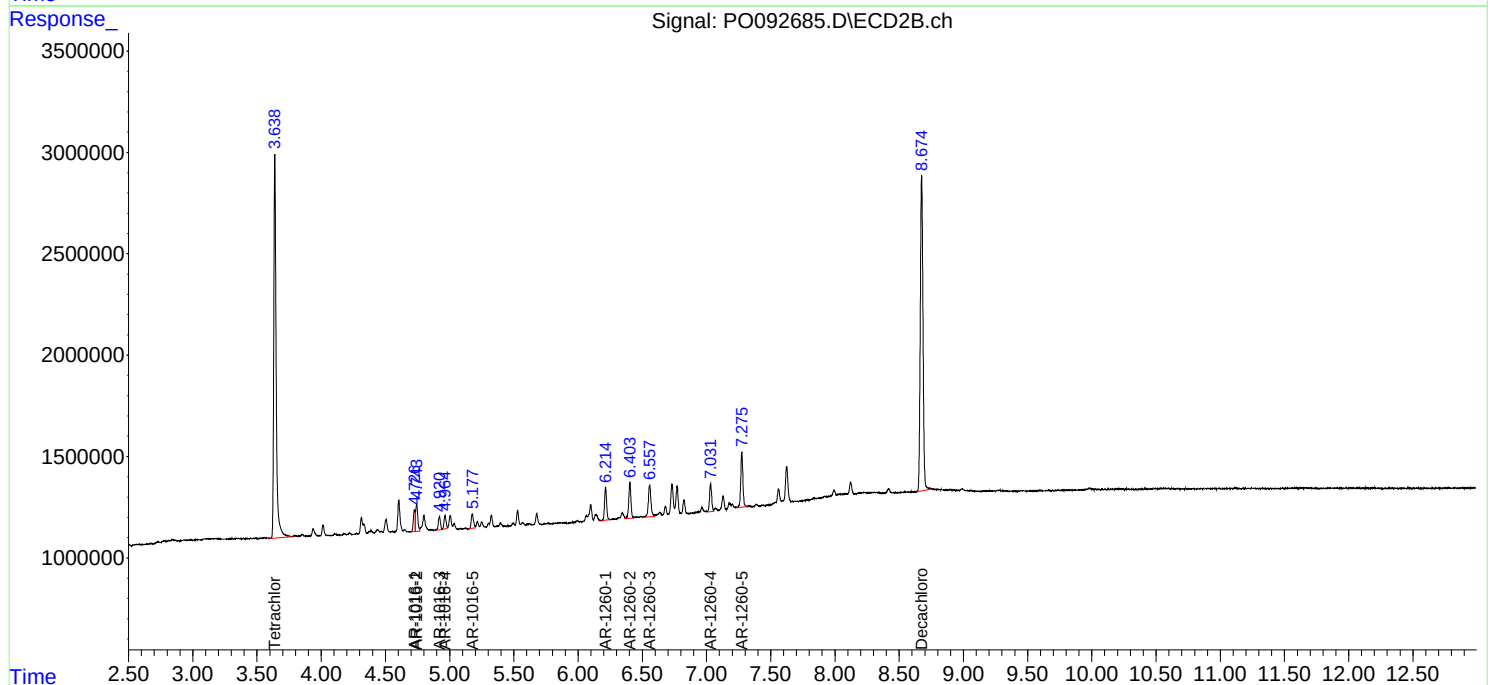
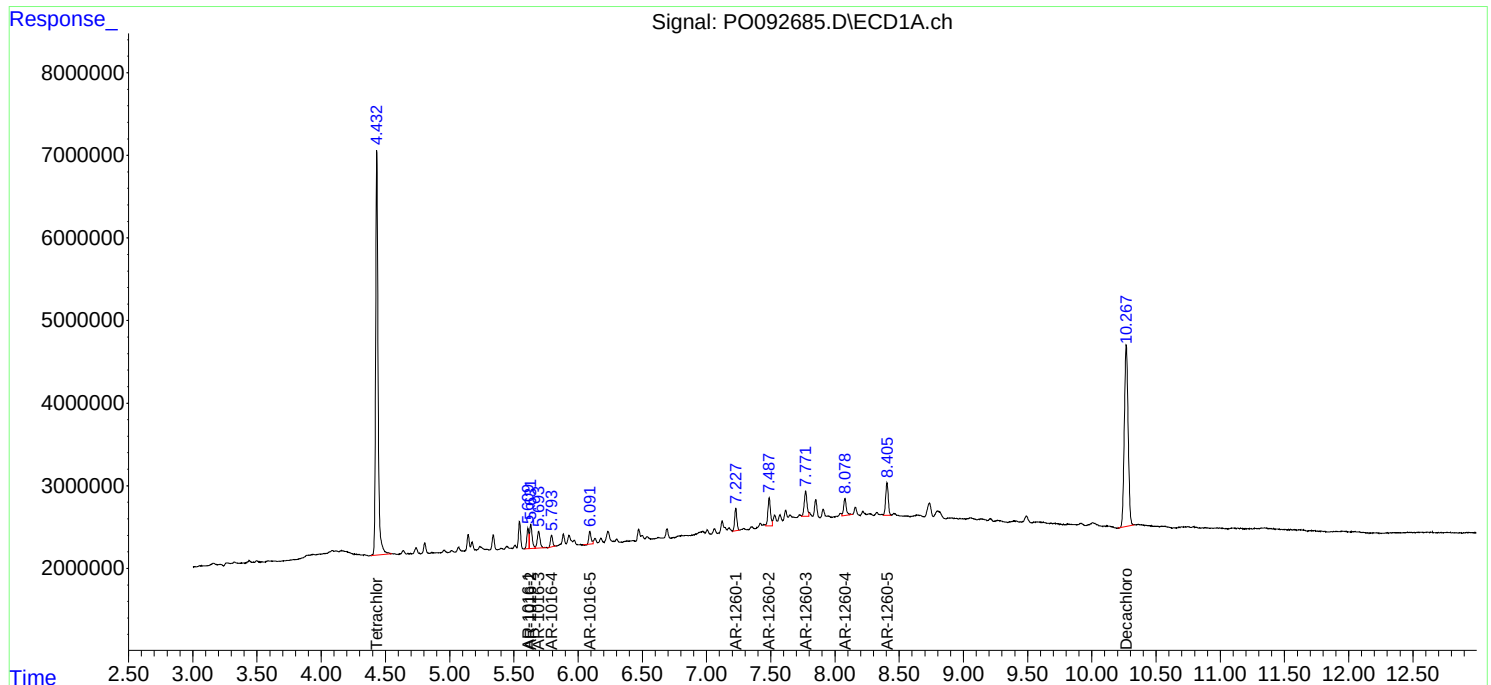
Instrument :
ECD_O
ClientSampleId :
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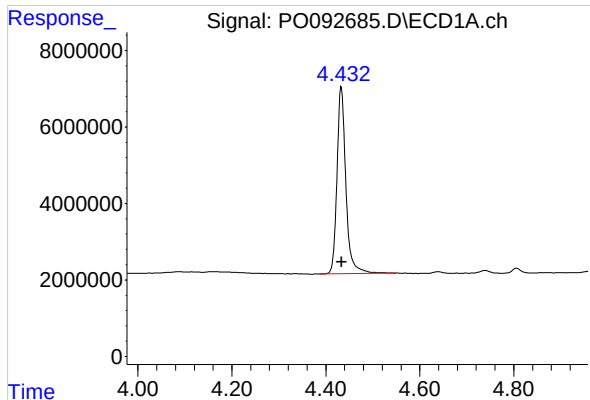
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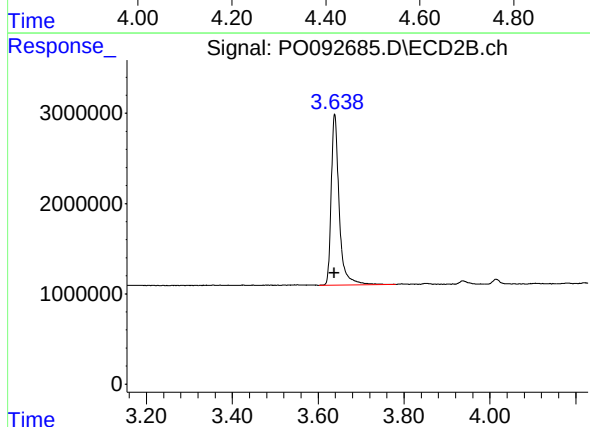
#1 Tetrachloro-m-xylene

R.T.: 4.433 min
Delta R.T.: -0.001 min
Response: 64300431
Conc: 21.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

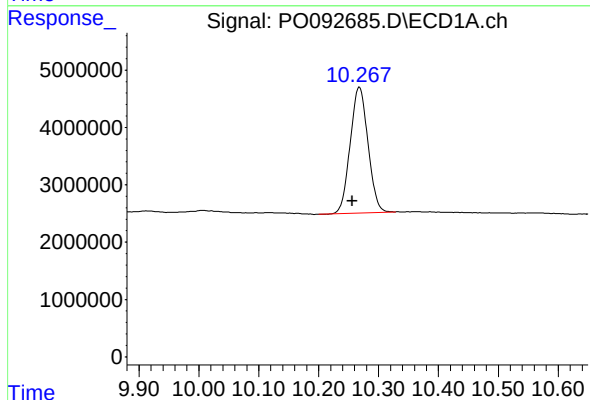
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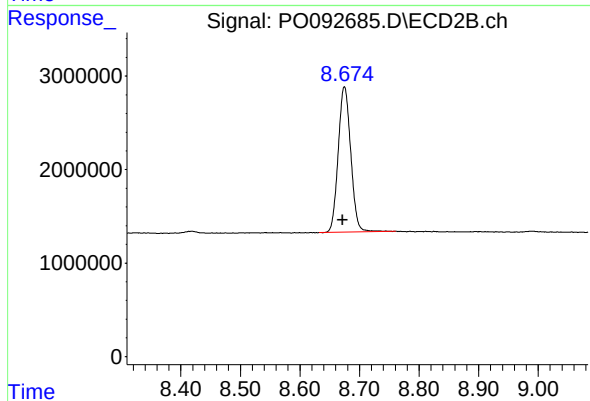
#1 Tetrachloro-m-xylene

R.T.: 3.639 min
Delta R.T.: 0.000 min
Response: 24484165
Conc: 19.21 ng/ml



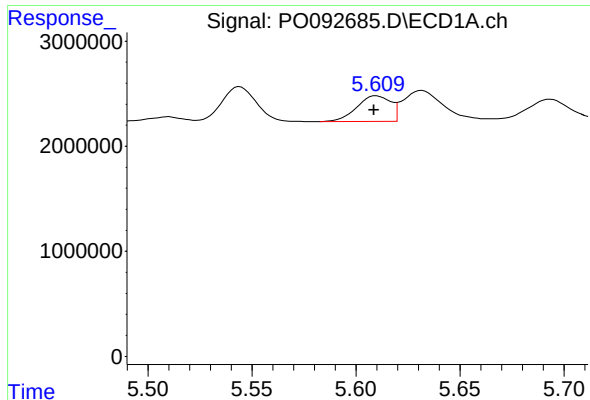
#2 Decachlorobiphenyl

R.T.: 10.268 min
Delta R.T.: 0.012 min
Response: 45151064
Conc: 23.47 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.675 min
Delta R.T.: 0.003 min
Response: 22772198
Conc: 19.54 ng/ml



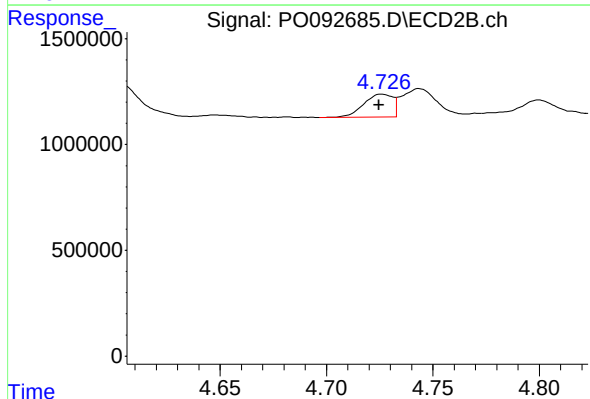
#3 AR-1016-1

R.T.: 5.610 min
Delta R.T.: 0.001 min
Response: 2760086
Conc: 30.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
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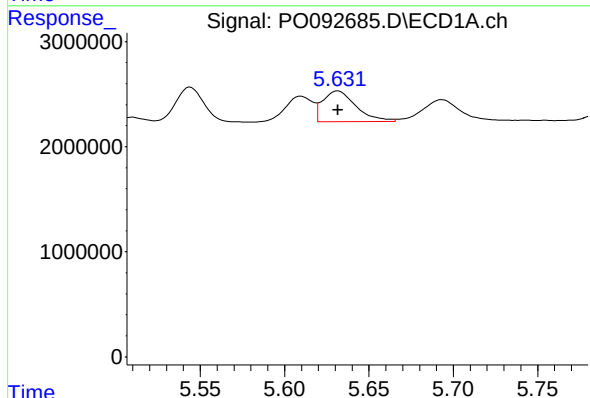
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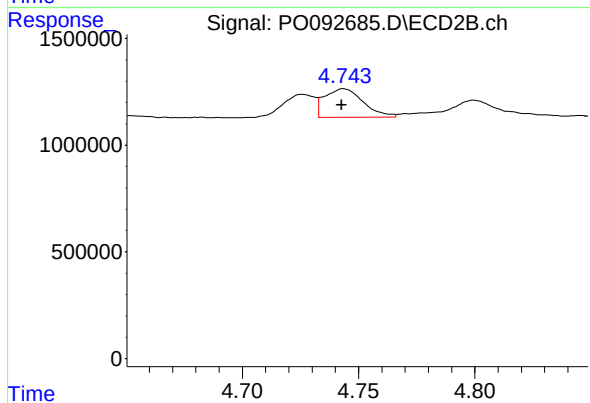
#3 AR-1016-1

R.T.: 4.726 min
Delta R.T.: 0.001 min
Response: 1031656
Conc: 25.54 ng/ml



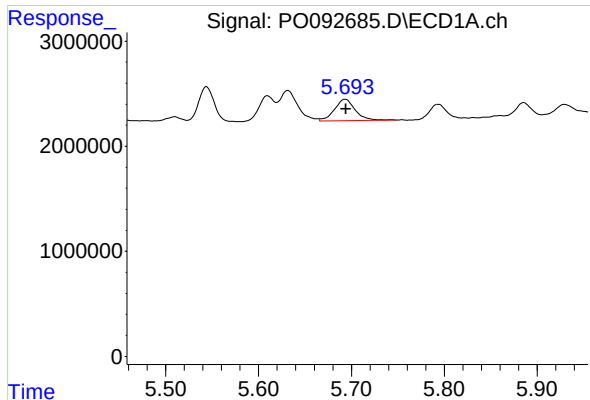
#4 AR-1016-2

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 4005420
Conc: 30.05 ng/ml



#4 AR-1016-2

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 1548752
Conc: 26.82 ng/ml



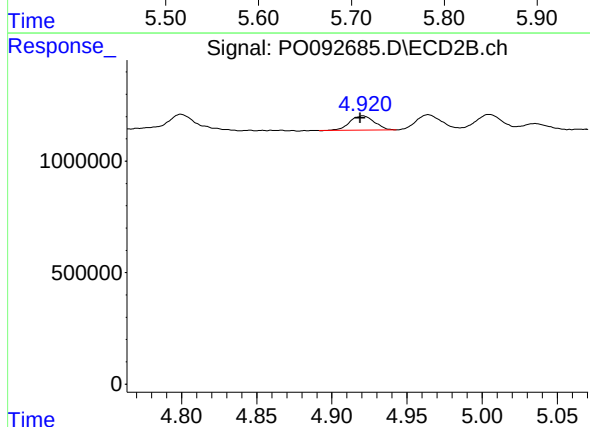
#5 AR-1016-3

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 3141154
Conc: 36.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
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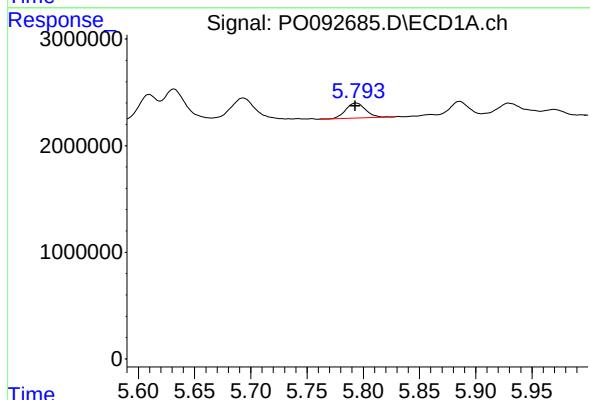
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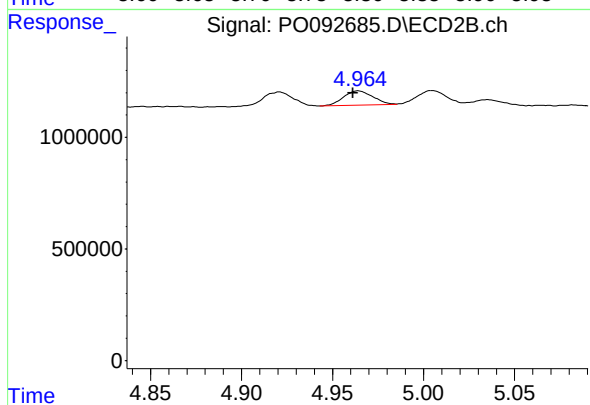
#5 AR-1016-3

R.T.: 4.921 min
Delta R.T.: 0.002 min
Response: 735377
Conc: 23.47 ng/ml



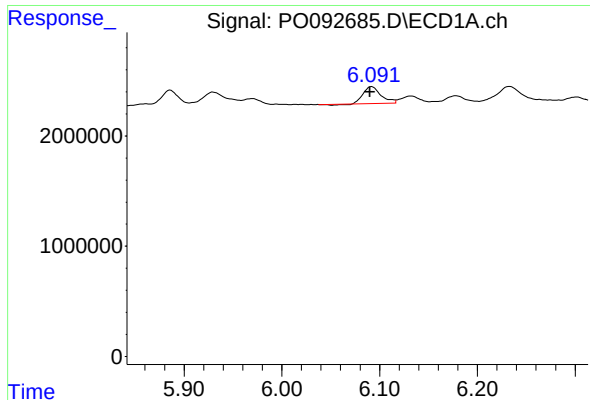
#6 AR-1016-4

R.T.: 5.794 min
Delta R.T.: 0.000 min
Response: 1709366
Conc: 26.18 ng/ml



#6 AR-1016-4

R.T.: 4.964 min
Delta R.T.: 0.003 min
Response: 711016
Conc: 25.43 ng/ml



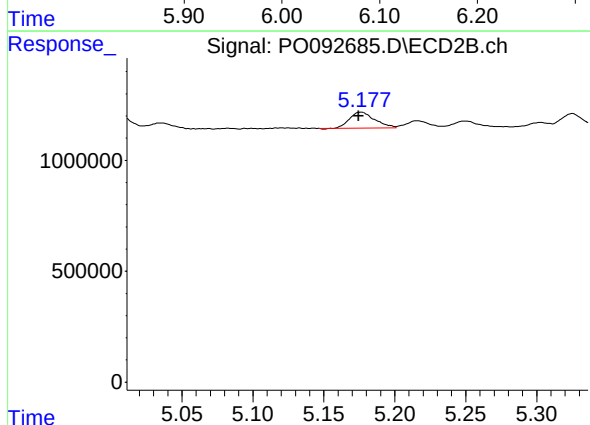
#7 AR-1016-5

R.T.: 6.092 min
Delta R.T.: 0.002 min
Response: 1905060
Conc: 26.81 ng/ml

Instrument :
ECD_O
ClientSampleId :
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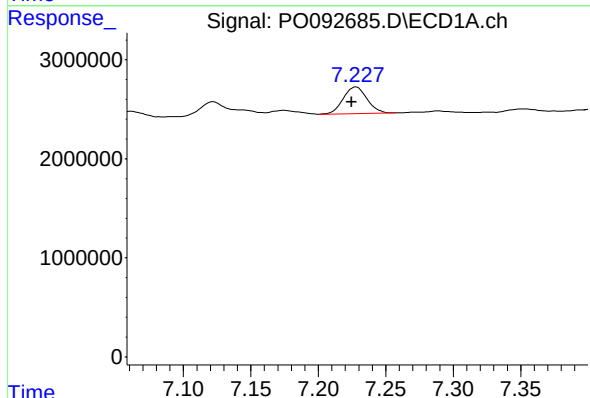
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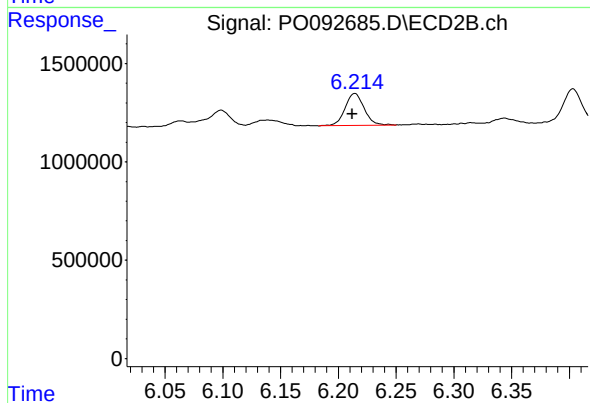
#7 AR-1016-5

R.T.: 5.176 min
Delta R.T.: 0.002 min
Response: 880970
Conc: 24.84 ng/ml



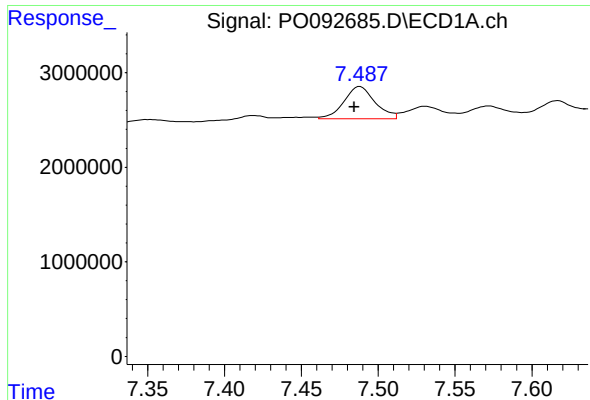
#31 AR-1260-1

R.T.: 7.228 min
Delta R.T.: 0.003 min
Response: 3300837
Conc: 27.05 ng/ml



#31 AR-1260-1

R.T.: 6.214 min
Delta R.T.: 0.002 min
Response: 1874108
Conc: 27.51 ng/ml



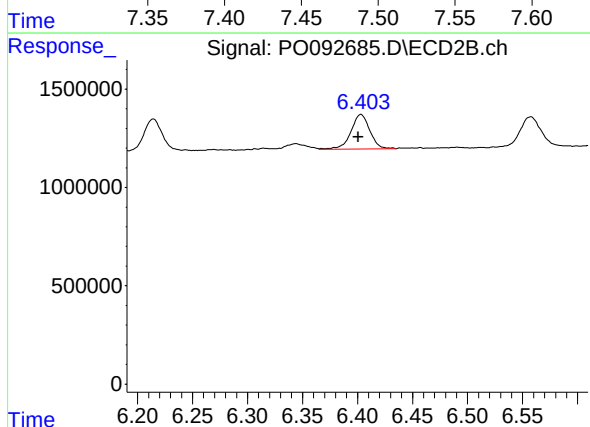
#32 AR-1260-2

R.T.: 7.487 min
Delta R.T.: 0.003 min
Response: 4804433
Conc: 32.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2023

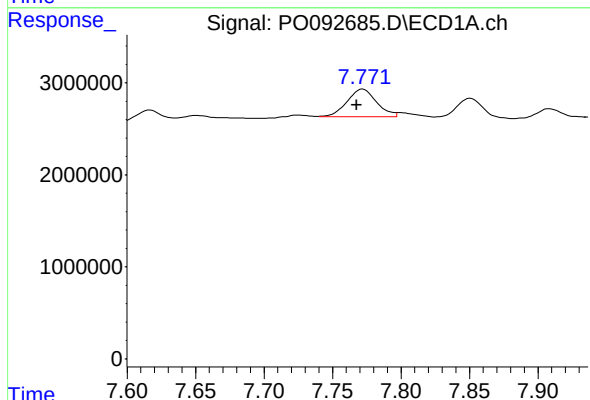
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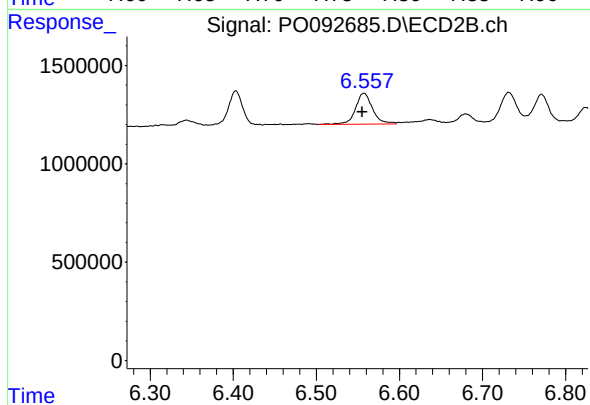
#32 AR-1260-2

R.T.: 6.403 min
Delta R.T.: 0.002 min
Response: 2131153
Conc: 26.51 ng/ml



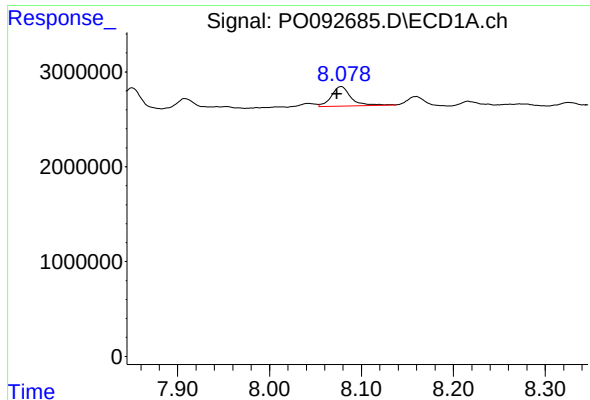
#33 AR-1260-3

R.T.: 7.771 min
Delta R.T.: 0.004 min
Response: 4520550
Conc: 28.76 ng/ml m



#33 AR-1260-3

R.T.: 6.557 min
Delta R.T.: 0.002 min
Response: 2252084
Conc: 27.90 ng/ml



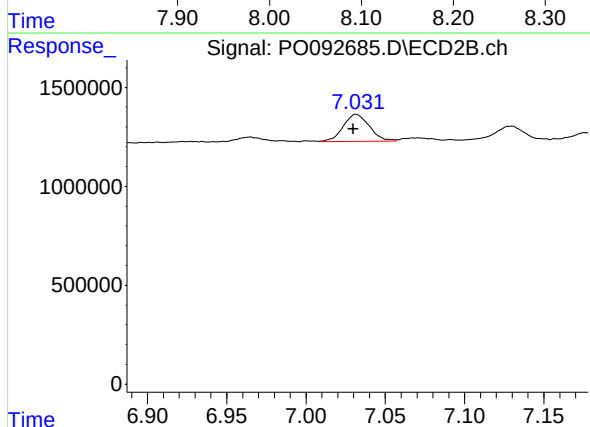
#34 AR-1260-4

R.T.: 8.078 min
Delta R.T.: 0.005 min
Response: 2988620
Conc: 25.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
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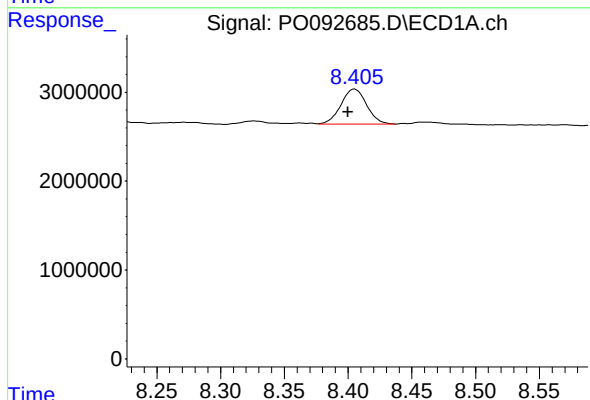
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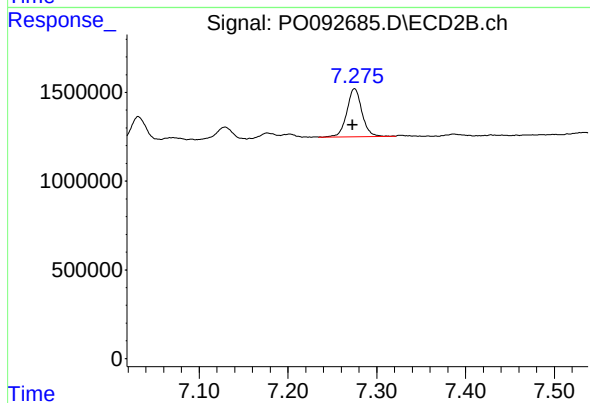
#34 AR-1260-4

R.T.: 7.032 min
Delta R.T.: 0.002 min
Response: 1565909
Conc: 25.72 ng/ml



#35 AR-1260-5

R.T.: 8.405 min
Delta R.T.: 0.005 min
Response: 5531883
Conc: 26.67 ng/ml



#35 AR-1260-5

R.T.: 7.275 min
Delta R.T.: 0.002 min
Response: 3186240
Conc: 24.96 ng/ml