

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090825\
 Data File : PP074960.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 14:53
 Operator : YP\AJ
 Sample : Q3032-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 SOIL-PILE-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2025
 Supervised By :mohammad ahmed 09/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 06:06:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 06:20:44 2025
 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...	4.654	3.798	22877936	85309007	18.696m	17.643
2) SA Decachlor...	10.429	8.805	12392351	81221815	12.549	10.831
Target Compounds						
3) L1 AR-1016-1	5.806	4.896	22264382	307.5E6	504.989m	603.674
4) L1 AR-1016-2	5.827	4.953	40407593	120.1E6	643.007m	504.428
5) L1 AR-1016-3	5.890	5.075	16289606	81117688	362.685m	588.220 #
6) L1 AR-1016-4	5.986	5.115	18609687	149.1E6	528.958m	1066.497 #
7) L1 AR-1016-5	6.279	5.329	31183929	167.5E6	939.669m	1008.430
31) L7 AR-1260-1	7.396	6.358	21157540	120.2E6	365.987m	320.274
32) L7 AR-1260-2	7.647	6.543	33372543	156.1E6	484.239	295.131 #
33) L7 AR-1260-3	8.007	6.698	13852929	120.4E6	266.992	278.018
34) L7 AR-1260-4	8.235	7.167	23811694	105.5E6	373.266	276.488 #
35) L7 AR-1260-5	8.560	7.405	33664127	252.8E6	296.830	251.657

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

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Acq On : 08 Sep 2025 14:53
Operator : YP\AJ
Sample : Q3032-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

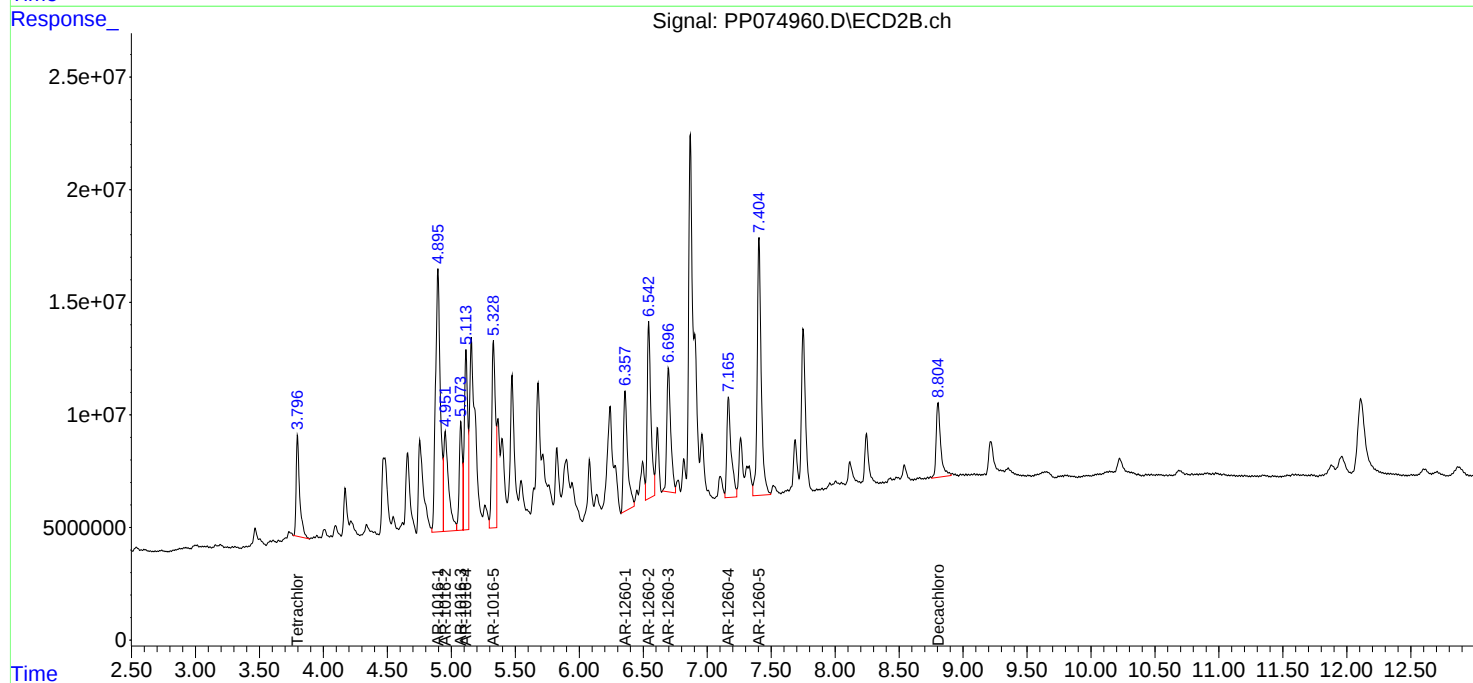
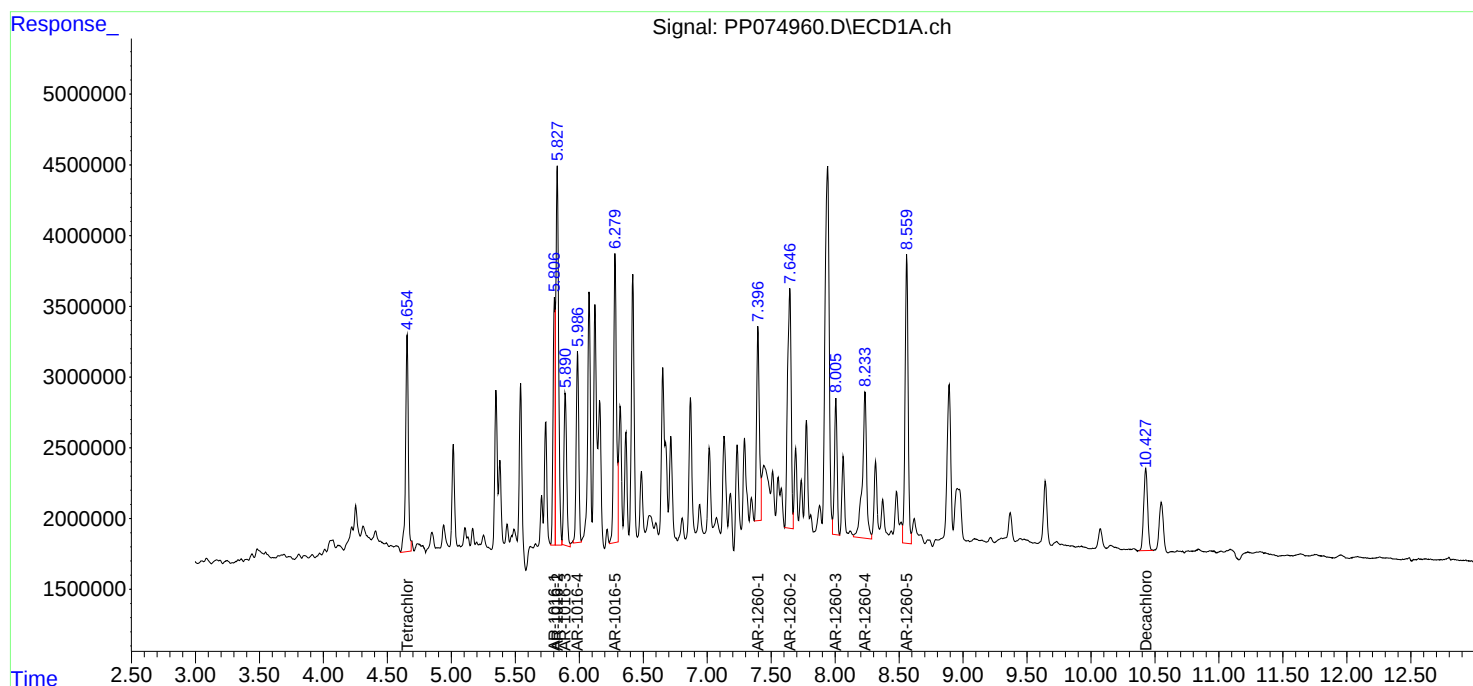
Instrument :
ECD_P
ClientSampleId :
SOIL-PILE-2MSD

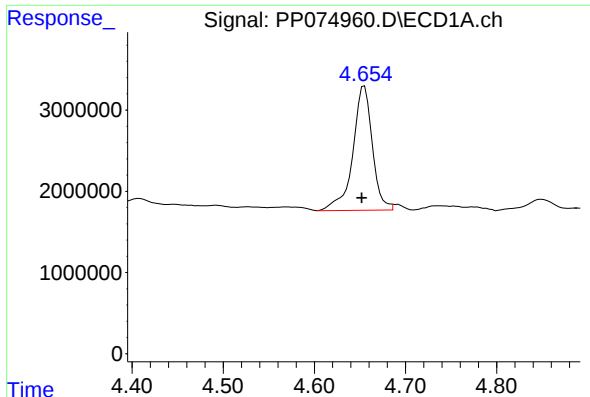
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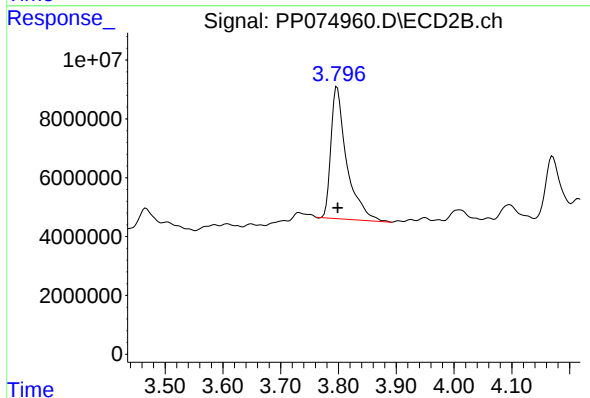
#1 Tetrachloro-m-xylene

R.T.: 4.654 min
Delta R.T.: 0.002 min
Response: 22877936
Conc: 18.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILE-2MSD

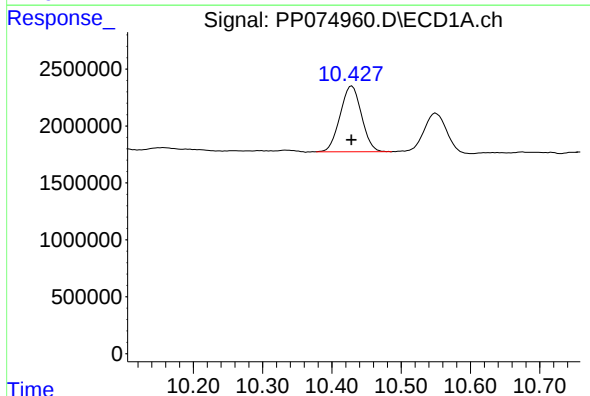
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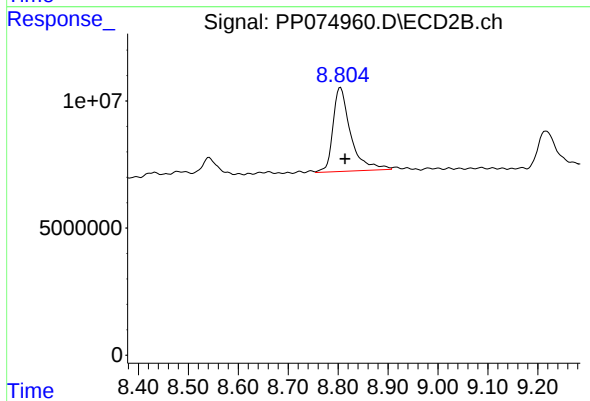
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 85309007
Conc: 17.64 ng/ml



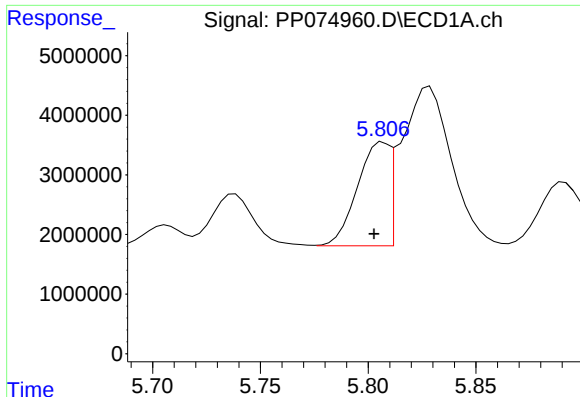
#2 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: 0.000 min
Response: 12392351
Conc: 12.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.805 min
Delta R.T.: -0.009 min
Response: 81221815
Conc: 10.83 ng/ml



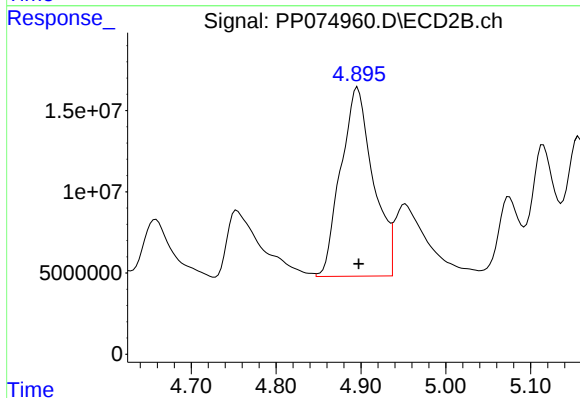
#3 AR-1016-1

R.T.: 5.806 min
Delta R.T.: 0.003 min
Response: 22264382
Conc: 504.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILE-2MSD

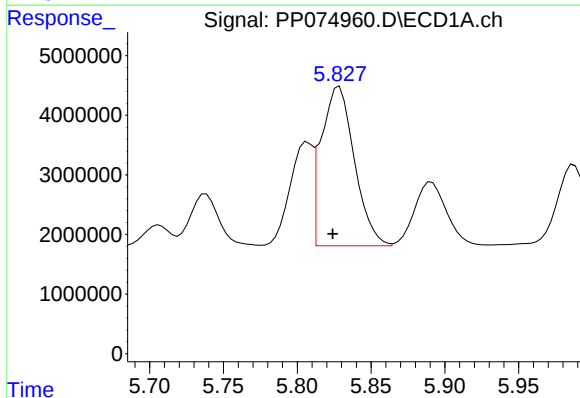
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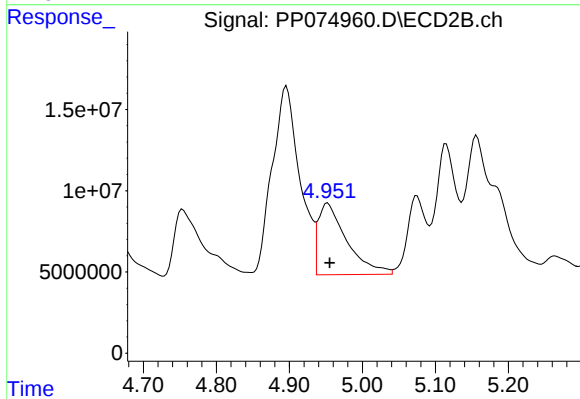
#3 AR-1016-1

R.T.: 4.896 min
Delta R.T.: -0.001 min
Response: 307483639
Conc: 603.67 ng/ml



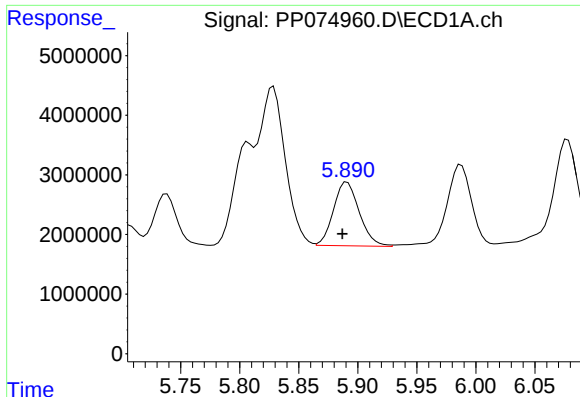
#4 AR-1016-2

R.T.: 5.827 min
Delta R.T.: 0.003 min
Response: 40407593
Conc: 643.01 ng/ml m



#4 AR-1016-2

R.T.: 4.953 min
Delta R.T.: -0.003 min
Response: 120061525
Conc: 504.43 ng/ml



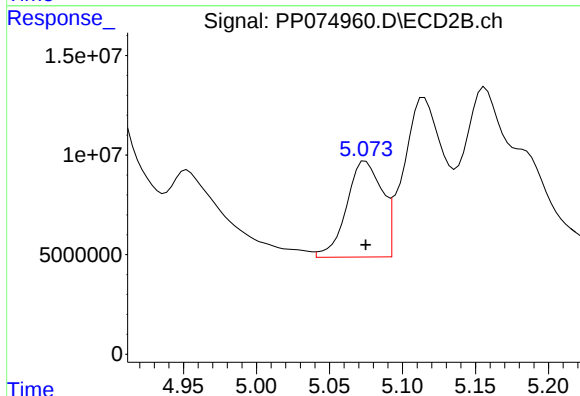
#5 AR-1016-3

R.T.: 5.890 min
Delta R.T.: 0.003 min
Response: 16289606
Conc: 362.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILE-2MSD

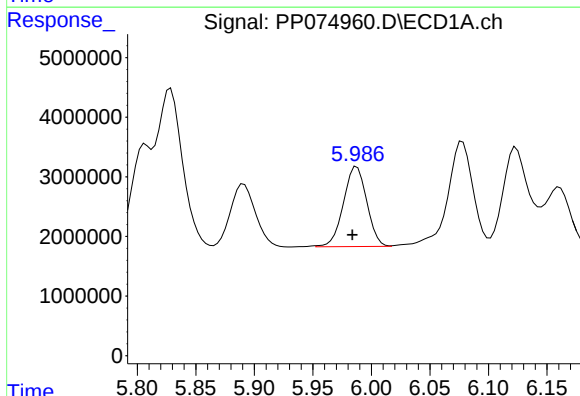
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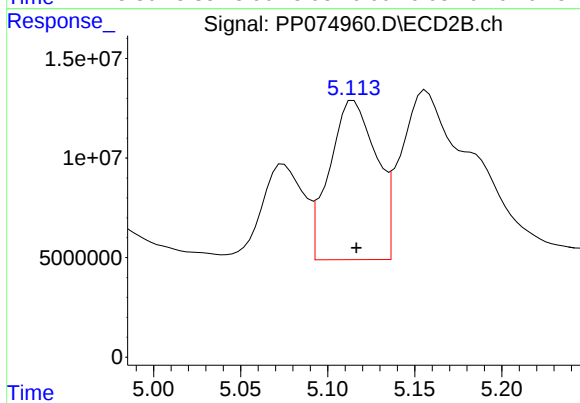
#5 AR-1016-3

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 81117688
Conc: 588.22 ng/ml



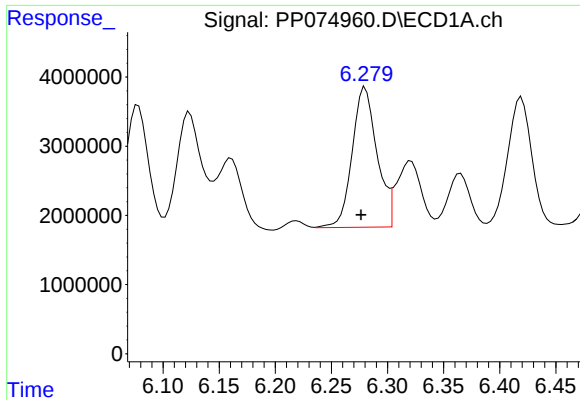
#6 AR-1016-4

R.T.: 5.986 min
Delta R.T.: 0.002 min
Response: 18609687
Conc: 528.96 ng/ml m



#6 AR-1016-4

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 149099795
Conc: 1066.50 ng/ml



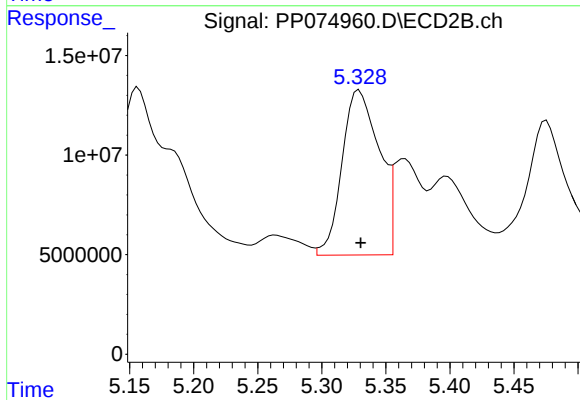
#7 AR-1016-5

R.T.: 6.279 min
Delta R.T.: 0.002 min
Response: 31183929
Conc: 939.67 ng/ml

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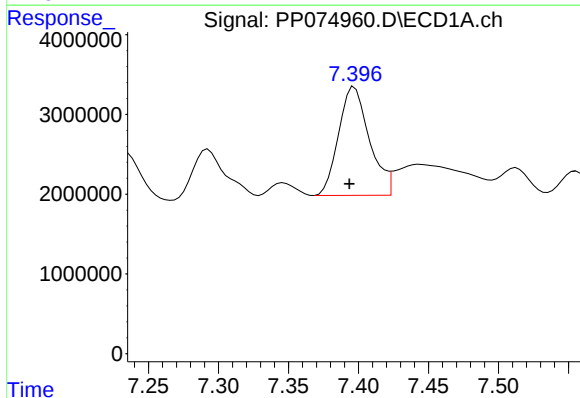
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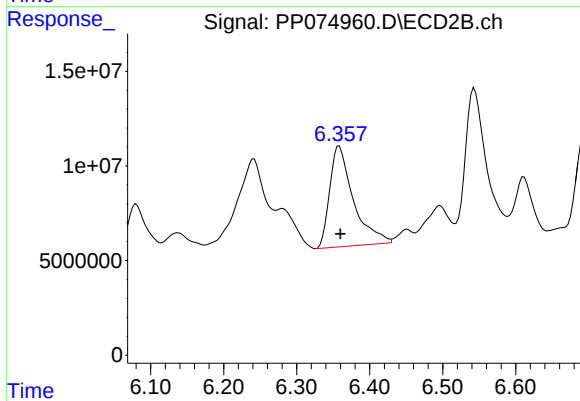
#7 AR-1016-5

R.T.: 5.329 min
Delta R.T.: 0.000 min
Response: 167483397
Conc: 1008.43 ng/ml



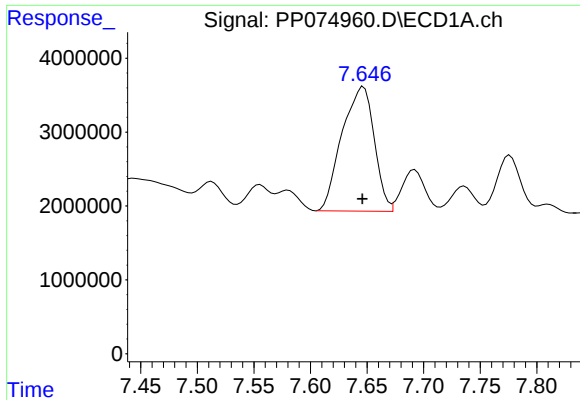
#31 AR-1260-1

R.T.: 7.396 min
Delta R.T.: 0.002 min
Response: 21157540
Conc: 365.99 ng/ml m



#31 AR-1260-1

R.T.: 6.358 min
Delta R.T.: -0.002 min
Response: 120174255
Conc: 320.27 ng/ml



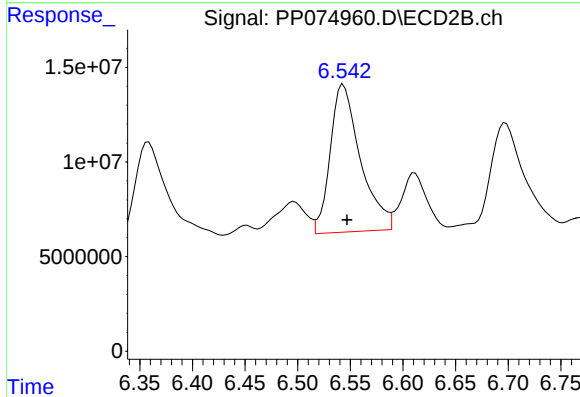
#32 AR-1260-2

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 33372543
Conc: 484.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILE-2MSD

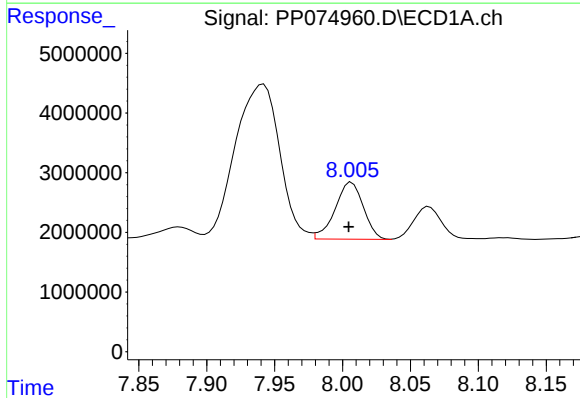
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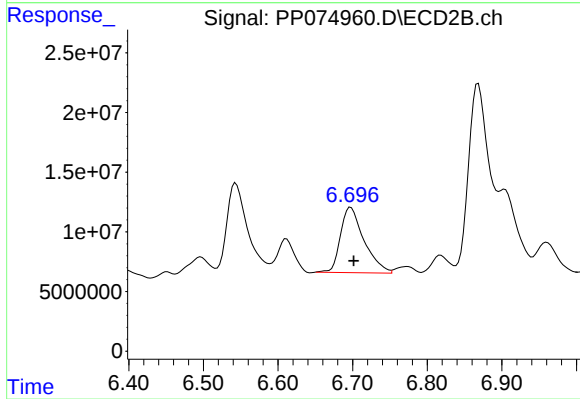
#32 AR-1260-2

R.T.: 6.543 min
Delta R.T.: -0.004 min
Response: 156069464
Conc: 295.13 ng/ml



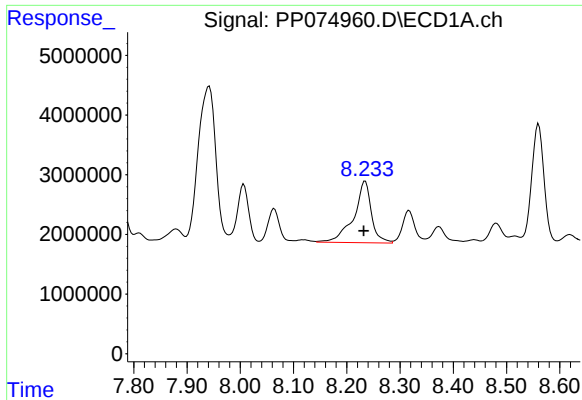
#33 AR-1260-3

R.T.: 8.007 min
Delta R.T.: 0.002 min
Response: 13852929
Conc: 266.99 ng/ml



#33 AR-1260-3

R.T.: 6.698 min
Delta R.T.: -0.004 min
Response: 120382100
Conc: 278.02 ng/ml



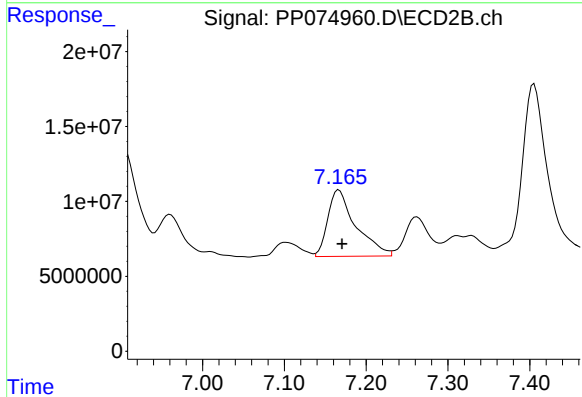
#34 AR-1260-4

R.T.: 8.235 min
Delta R.T.: 0.003 min
Response: 23811694
Conc: 373.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILE-2MSD

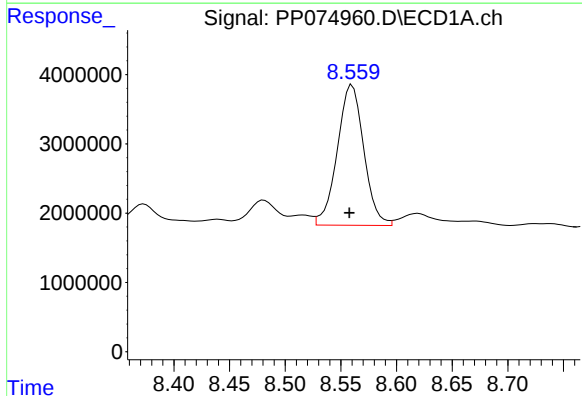
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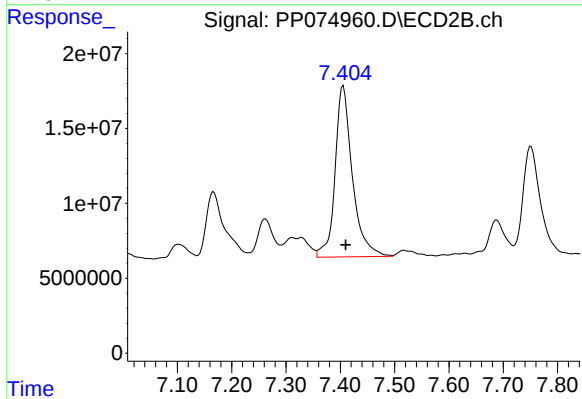
#34 AR-1260-4

R.T.: 7.167 min
Delta R.T.: -0.004 min
Response: 105472943
Conc: 276.49 ng/ml



#35 AR-1260-5

R.T.: 8.560 min
Delta R.T.: 0.002 min
Response: 33664127
Conc: 296.83 ng/ml



#35 AR-1260-5

R.T.: 7.405 min
Delta R.T.: -0.004 min
Response: 252785094
Conc: 251.66 ng/ml