

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
 Data File : PP073293.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 2025 13:31
 Operator : YP\AJ
 Sample : Q2409-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 COP-SOIL-PILEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 23:27:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jun 18 08:17:15 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...	4.490	3.785	40796458	34591378	19.327	19.198
2)	SA Decachlor...	10.179	8.789	39338891	30306856	23.020	22.707
Target Compounds							
3)	L1 AR-1016-1	5.640	4.864	32182611	30386522	442.850	442.194
4)	L1 AR-1016-2	5.662	4.882	49471900	44510137	475.597	442.277
5)	L1 AR-1016-3	5.725	5.058	29156475	24671073	446.170	450.892
6)	L1 AR-1016-4	5.821	5.100	25678999	21603262	491.174	484.926
7)	L1 AR-1016-5	6.113	5.313	25370603	25642955	507.360	463.855
26)	L6 AR-1254-1	6.487	5.664	29658723	26864055	352.351m	244.998 #
27)	L6 AR-1254-2	6.703	5.812	39335056	27381020	313.674	289.604
28)	L6 AR-1254-3	7.068	6.226	26702435	60819084	203.508	412.201 #
29)	L6 AR-1254-4	7.349	6.441	21619956	10067672	180.491	103.682 #
30)	L6 AR-1254-5	7.763	6.858	88804745	71180903	777.240	547.703 #
31)	L7 AR-1260-1	7.230	6.344	58492327	51665843	663.078	545.398
32)	L7 AR-1260-2	7.483	6.532	85840134	62894246	631.718	540.160
33)	L7 AR-1260-3	7.841	6.684	56579533	53544278	495.650	514.053
34)	L7 AR-1260-4	8.065	7.153	66585256	39755716	646.173	453.116 #
35)	L7 AR-1260-5	8.383	7.395	119.0E6	98739303	494.397	462.695

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

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Acq On : 26 Jun 2025 13:31
Operator : YP\AJ
Sample : Q2409-02MSD
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ALS Vial : 16 Sample Multiplier: 1

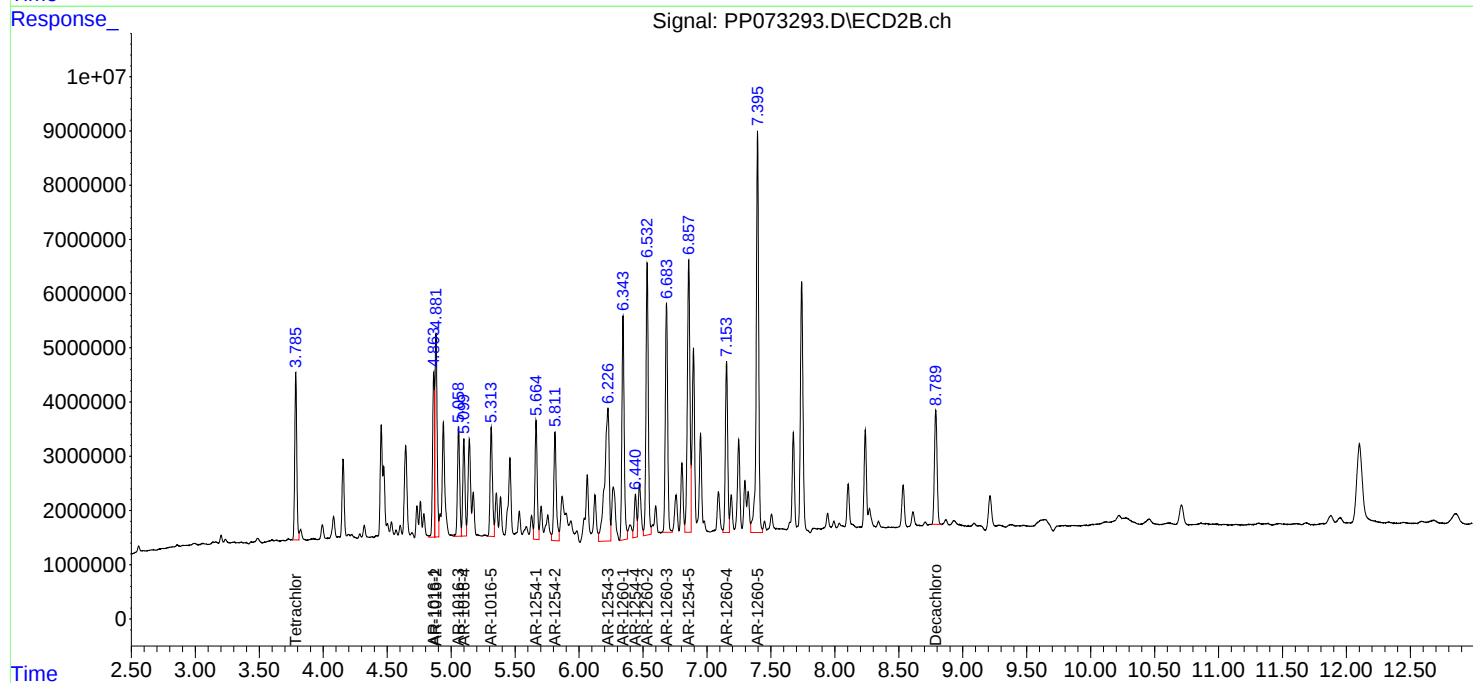
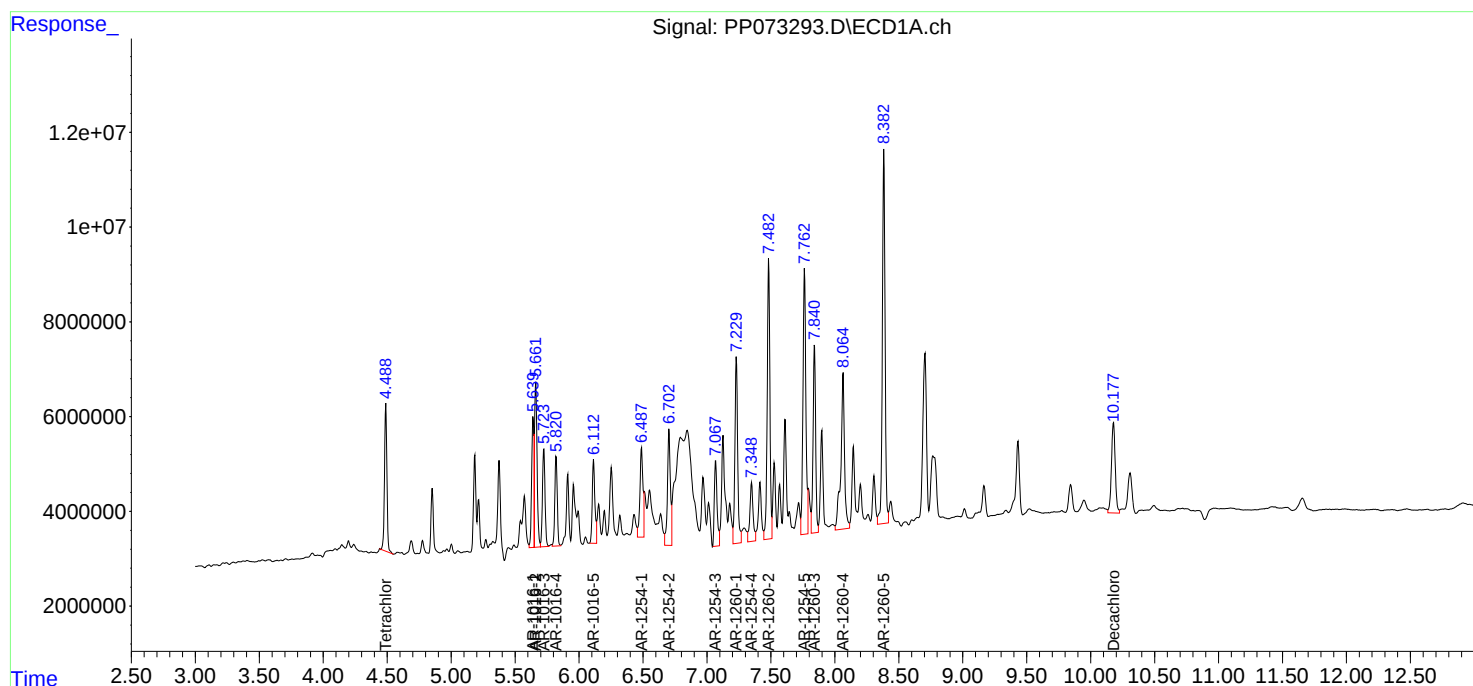
Instrument :
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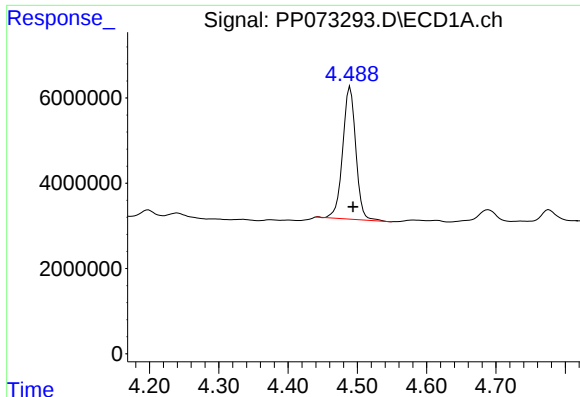
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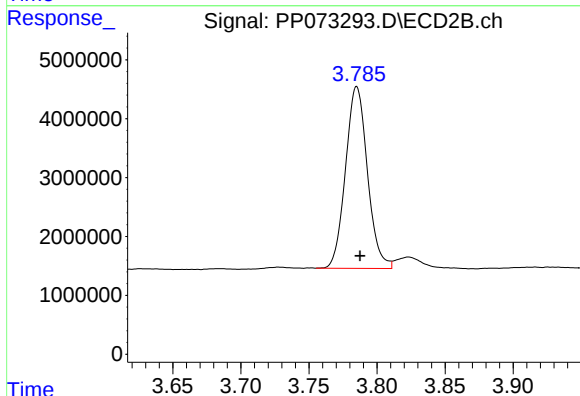
#1 Tetrachloro-m-xylene

R.T.: 4.490 min
Delta R.T.: -0.004 min
Response: 40796458
Conc: 19.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
COP-SOIL-PILEMSD

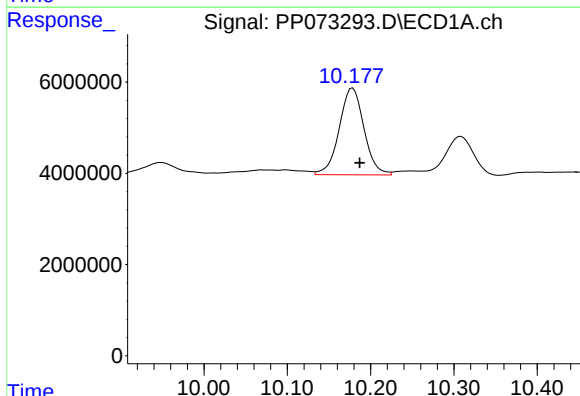
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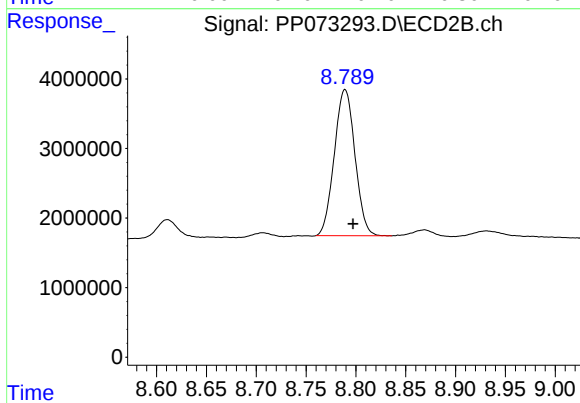
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: -0.002 min
Response: 34591378
Conc: 19.20 ng/ml



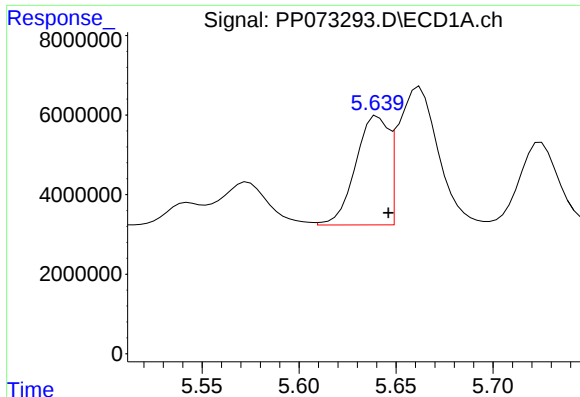
#2 Decachlorobiphenyl

R.T.: 10.179 min
Delta R.T.: -0.009 min
Response: 39338891
Conc: 23.02 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.008 min
Response: 30306856
Conc: 22.71 ng/ml



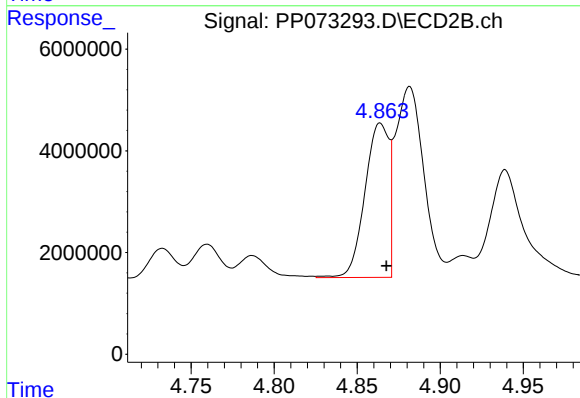
#3 AR-1016-1

R.T.: 5.640 min
Delta R.T.: -0.006 min
Response: 32182611
Conc: 442.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
COP-SOIL-PILEMSD

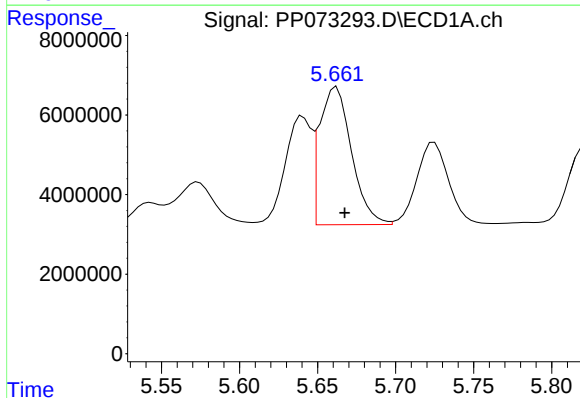
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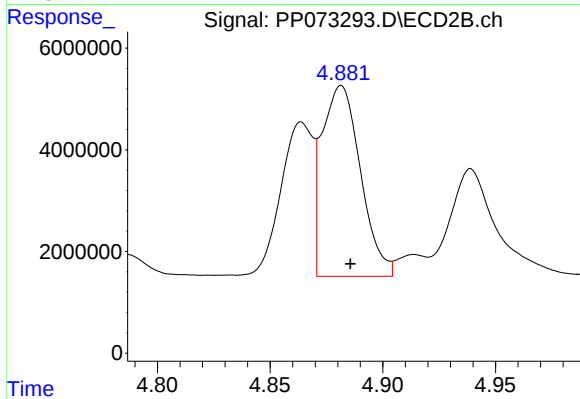
#3 AR-1016-1

R.T.: 4.864 min
Delta R.T.: -0.004 min
Response: 30386522
Conc: 442.19 ng/ml



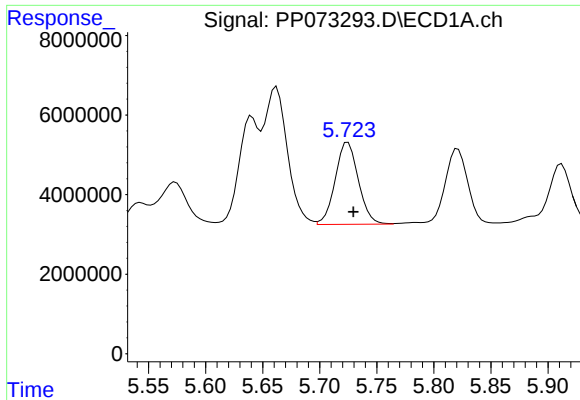
#4 AR-1016-2

R.T.: 5.662 min
Delta R.T.: -0.005 min
Response: 49471900
Conc: 475.60 ng/ml



#4 AR-1016-2

R.T.: 4.882 min
Delta R.T.: -0.004 min
Response: 44510137
Conc: 442.28 ng/ml



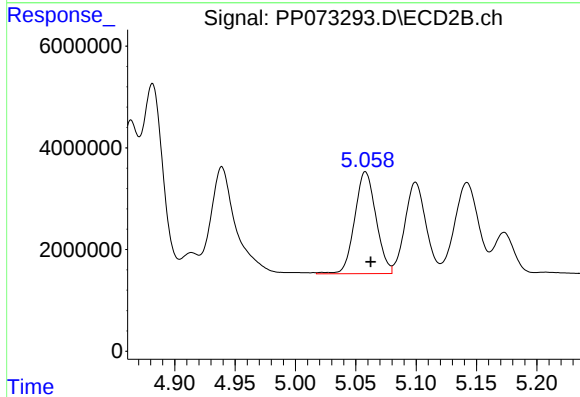
#5 AR-1016-3

R.T.: 5.725 min
Delta R.T.: -0.005 min
Response: 29156475
Conc: 446.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
COP-SOIL-PILEMSD

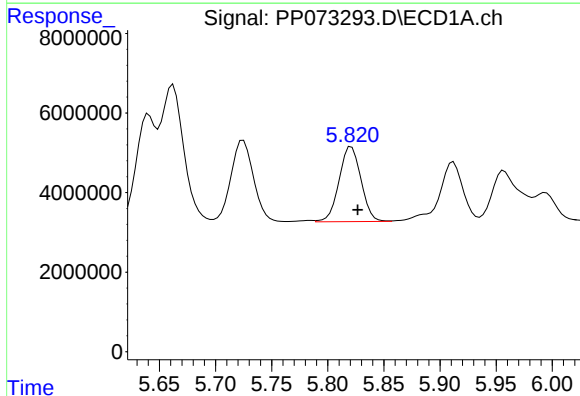
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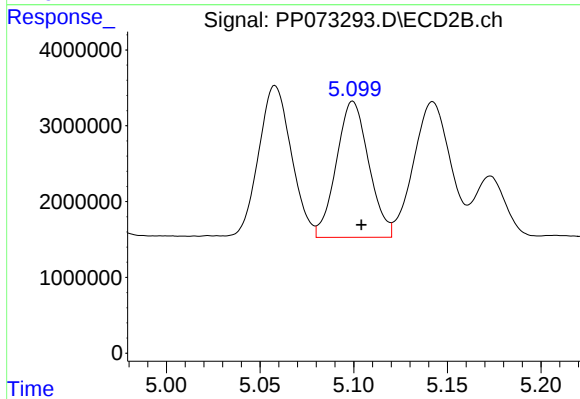
#5 AR-1016-3

R.T.: 5.058 min
Delta R.T.: -0.004 min
Response: 24671073
Conc: 450.89 ng/ml



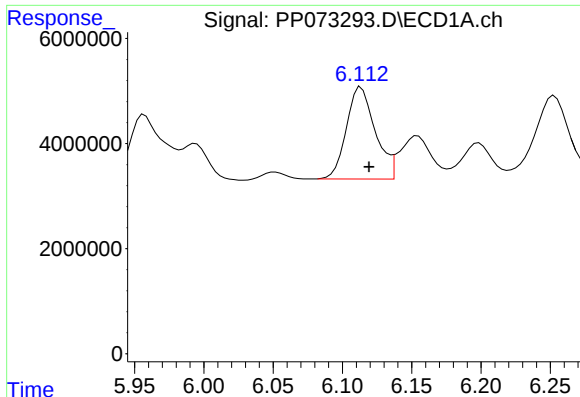
#6 AR-1016-4

R.T.: 5.821 min
Delta R.T.: -0.006 min
Response: 25678999
Conc: 491.17 ng/ml



#6 AR-1016-4

R.T.: 5.100 min
Delta R.T.: -0.005 min
Response: 21603262
Conc: 484.93 ng/ml



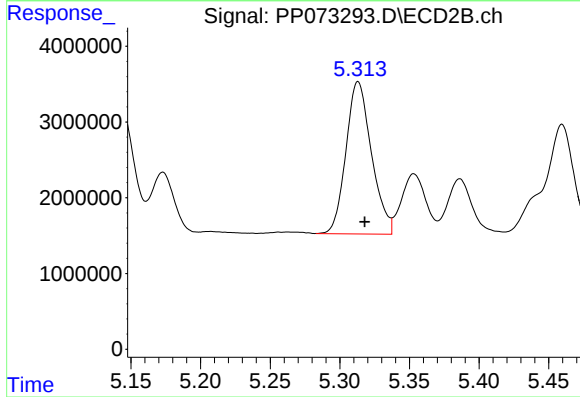
#7 AR-1016-5

R.T.: 6.113 min
Delta R.T.: -0.006 min
Response: 25370603
Conc: 507.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
COP-SOIL-PILEMSD

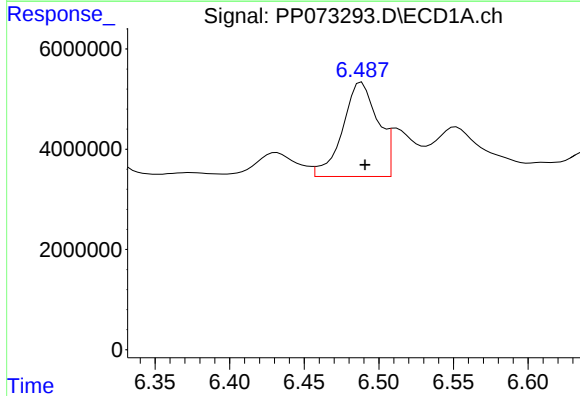
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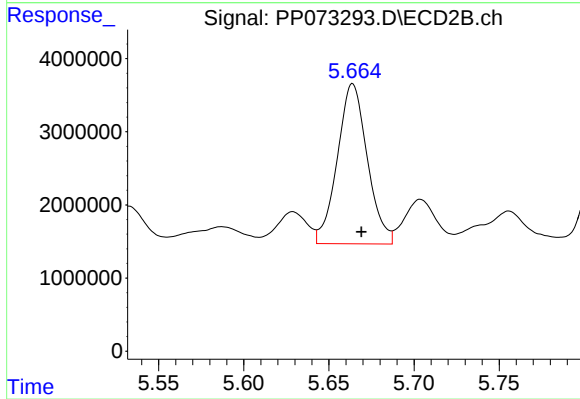
#7 AR-1016-5

R.T.: 5.313 min
Delta R.T.: -0.005 min
Response: 25642955
Conc: 463.85 ng/ml



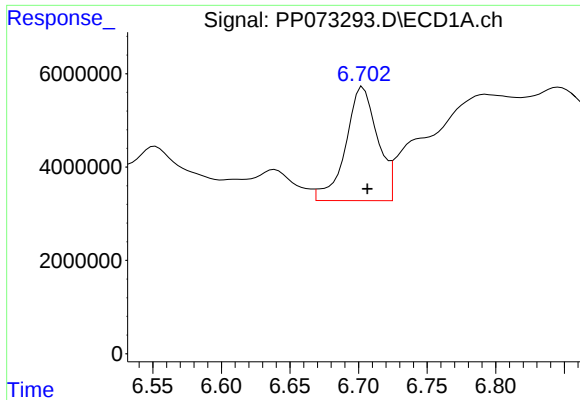
#26 AR-1254-1

R.T.: 6.487 min
Delta R.T.: -0.003 min
Response: 29658723
Conc: 352.35 ng/ml m



#26 AR-1254-1

R.T.: 5.664 min
Delta R.T.: -0.005 min
Response: 26864055
Conc: 245.00 ng/ml



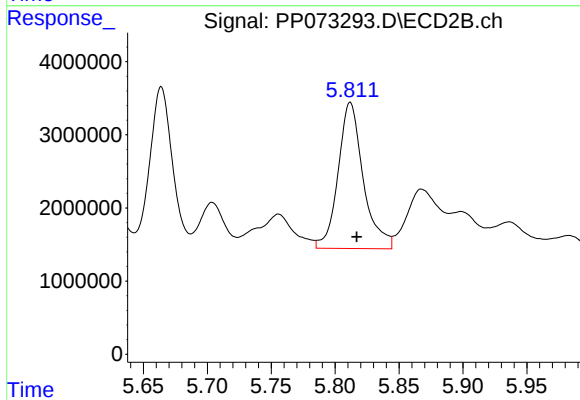
#27 AR-1254-2

R.T.: 6.703 min
Delta R.T.: -0.003 min
Response: 39335056
Conc: 313.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
COP-SOIL-PILEMSD

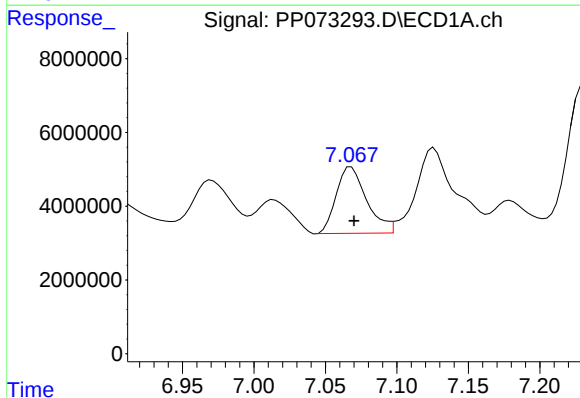
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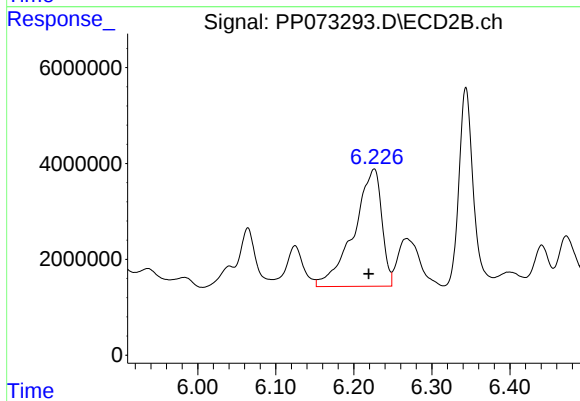
#27 AR-1254-2

R.T.: 5.812 min
Delta R.T.: -0.005 min
Response: 27381020
Conc: 289.60 ng/ml



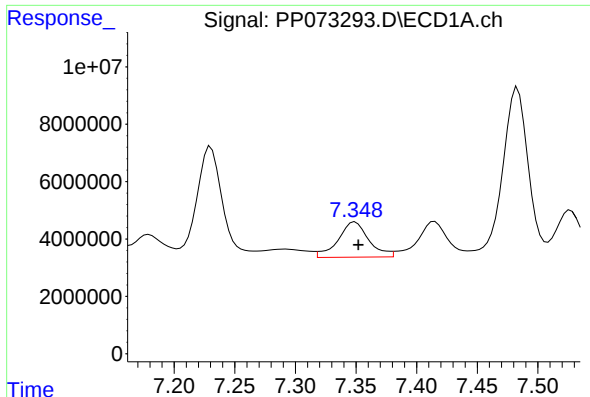
#28 AR-1254-3

R.T.: 7.068 min
Delta R.T.: -0.002 min
Response: 26702435
Conc: 203.51 ng/ml



#28 AR-1254-3

R.T.: 6.226 min
Delta R.T.: 0.007 min
Response: 60819084
Conc: 412.20 ng/ml



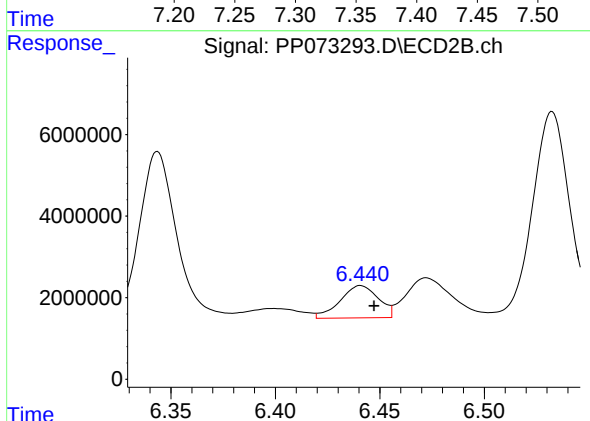
#29 AR-1254-4

R.T.: 7.349 min
Delta R.T.: -0.003 min
Response: 21619956
Conc: 180.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
COP-SOIL-PILEMSD

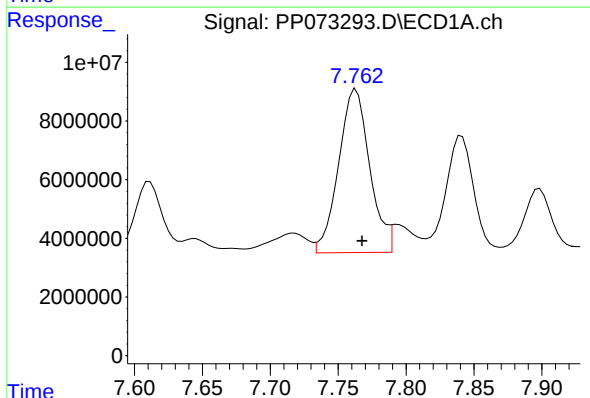
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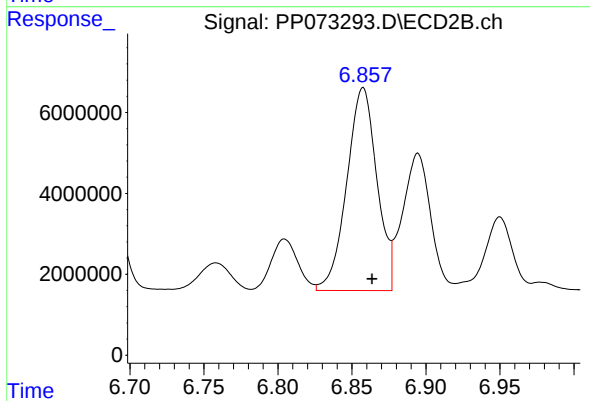
#29 AR-1254-4

R.T.: 6.441 min
Delta R.T.: -0.006 min
Response: 10067672
Conc: 103.68 ng/ml



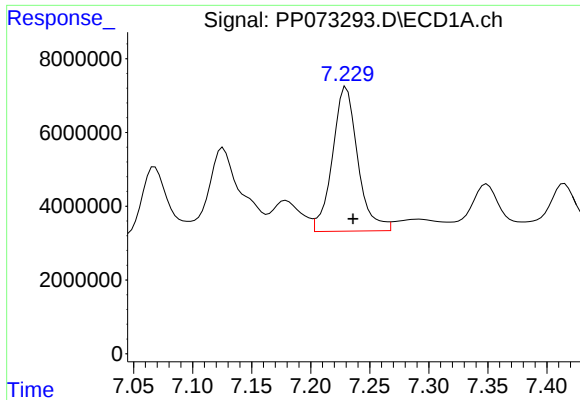
#30 AR-1254-5

R.T.: 7.763 min
Delta R.T.: -0.004 min
Response: 88804745
Conc: 777.24 ng/ml



#30 AR-1254-5

R.T.: 6.858 min
Delta R.T.: -0.006 min
Response: 71180903
Conc: 547.70 ng/ml



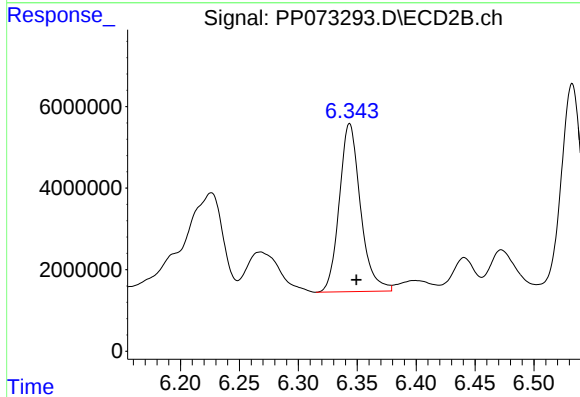
#31 AR-1260-1

R.T.: 7.230 min
Delta R.T.: -0.006 min
Response: 58492327
Conc: 663.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
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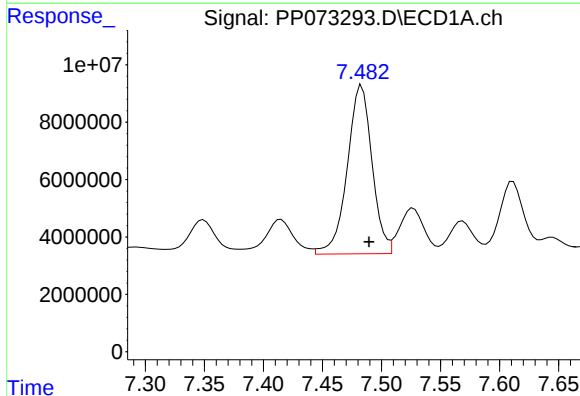
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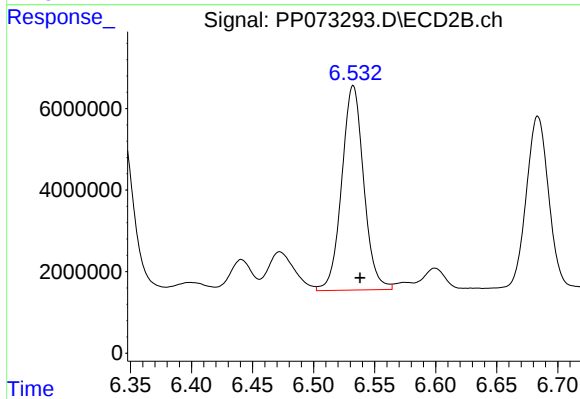
#31 AR-1260-1

R.T.: 6.344 min
Delta R.T.: -0.006 min
Response: 51665843
Conc: 545.40 ng/ml



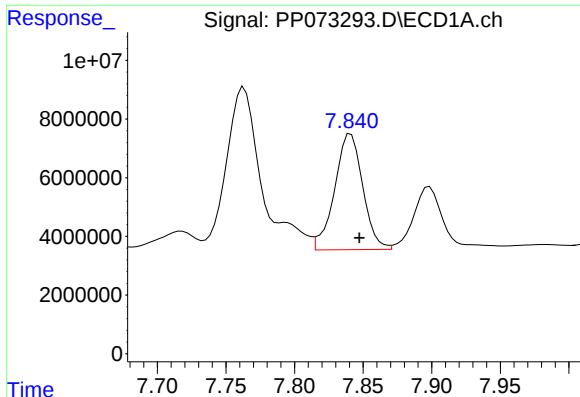
#32 AR-1260-2

R.T.: 7.483 min
Delta R.T.: -0.006 min
Response: 85840134
Conc: 631.72 ng/ml



#32 AR-1260-2

R.T.: 6.532 min
Delta R.T.: -0.006 min
Response: 62894246
Conc: 540.16 ng/ml



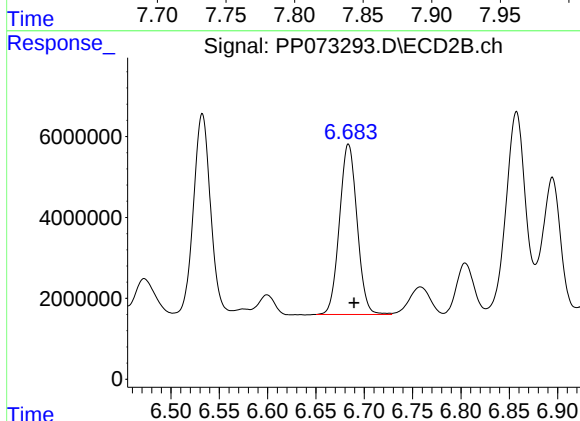
#33 AR-1260-3

R.T.: 7.841 min
Delta R.T.: -0.006 min
Response: 56579533
Conc: 495.65 ng/ml

Instrument :
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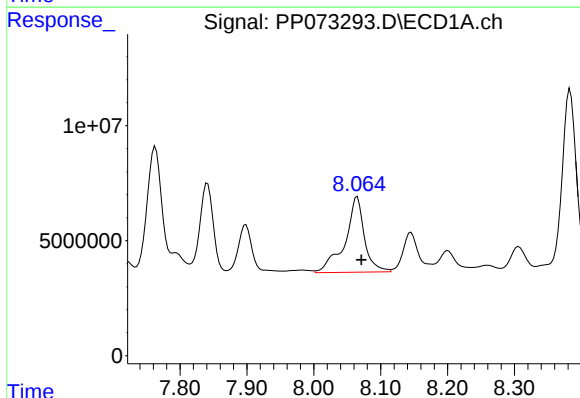
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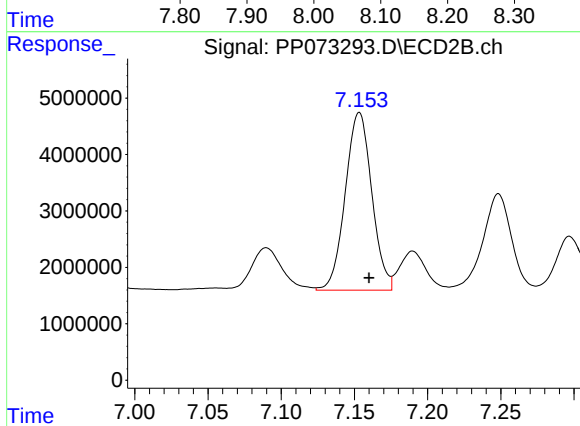
#33 AR-1260-3

R.T.: 6.684 min
Delta R.T.: -0.006 min
Response: 53544278
Conc: 514.05 ng/ml



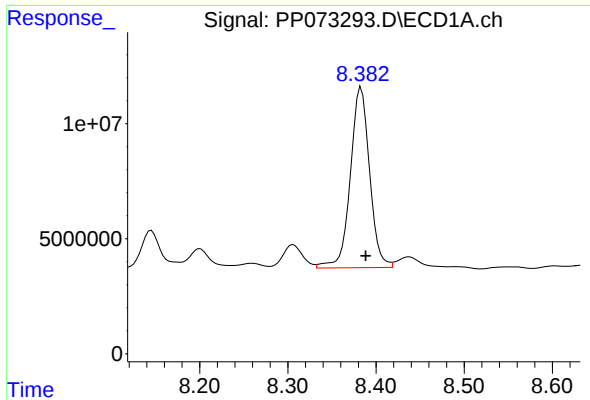
#34 AR-1260-4

R.T.: 8.065 min
Delta R.T.: -0.006 min
Response: 66585256
Conc: 646.17 ng/ml



#34 AR-1260-4

R.T.: 7.153 min
Delta R.T.: -0.007 min
Response: 39755716
Conc: 453.12 ng/ml



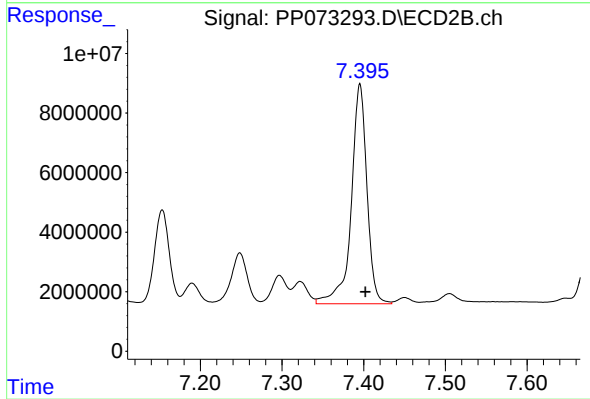
#35 AR-1260-5

R.T.: 8.383 min
Delta R.T.: -0.005 min
Response: 118963019
Conc: 494.40 ng/ml

Instrument :
ECD_P
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#35 AR-1260-5

R.T.: 7.395 min
Delta R.T.: -0.006 min
Response: 98739303
Conc: 462.69 ng/ml