

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
 Data File : PD090429.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Sep 2025 18:59
 Operator : AR\AJ
 Sample : Q3179-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 EME-TS14-01MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/30/2025
 Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 30 02:32:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 19 05:52:38 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.545	2.876	57502723	462.9E6	17.691	16.863
2)	SA Decachlor...	9.062	8.061	74767898	451.0E6	15.496	13.913
Target Compounds							
2)	A alpha-BHC	3.995	3.387	291.2E6	1737.9E6	41.691	39.694
3)	MA gamma-BHC...	4.324	3.723	297.5E6	1591.4E6	44.968m	39.067
4)	MA Heptachlor	4.923	4.076	248.7E6	1514.0E6	37.616	37.183
5)	MB Aldrin	5.265	4.361	229.8E6	1420.6E6	36.190	35.574
6)	B beta-BHC	4.512	4.019	101.8E6	720.7E6	39.464	41.574
7)	B delta-BHC	4.759	4.256	297.3E6	1619.4E6	46.037m	39.216
8)	B Heptachlo...	5.684	4.865	234.6E6	1551.7E6	41.048	42.092
9)	A Endosulfan I	6.066	5.239	226.6E6	1380.6E6	41.946m	39.897
10)	B gamma-Chl...	5.940	5.118	224.1E6	1527.4E6	39.226	38.878
11)	B alpha-Chl...	6.019	5.183	230.2E6	1468.3E6	39.962m	38.982
12)	B 4,4'-DDE	6.190	5.367	213.6E6	1469.9E6	41.014	38.399
13)	MA Dieldrin	6.341	5.505	245.6E6	1554.6E6	42.609	39.916
14)	MA Endrin	6.567	5.781	212.7E6	1432.2E6	43.457	39.970
15)	B Endosulfa...	6.780	6.072	211.1E6	1356.7E6	43.284	40.199
16)	A 4,4'-DDD	6.699	5.921	172.3E6	1272.1E6	42.048	39.230
17)	MA 4,4'-DDT	7.015	6.175	193.6E6	1382.0E6	43.487	40.199
18)	B Endrin al...	6.909	6.250	150.5E6	979.4E6	43.873	41.595
19)	B Endosulfa...	7.143	6.474	196.6E6	1304.6E6	42.727	39.907
20)	A Methoxychlor	7.487	6.744	106.5E6	693.2E6	45.206	39.840
21)	B Endrin ke...	7.624	6.983	215.3E6	1387.4E6	43.515	38.428
22)	Mirex	8.105	7.175	143.7E6	1000.5E6	38.781m	36.242

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD092925\
Data File : PD090429.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Sep 2025 18:59
Operator : AR\AJ
Sample : Q3179-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

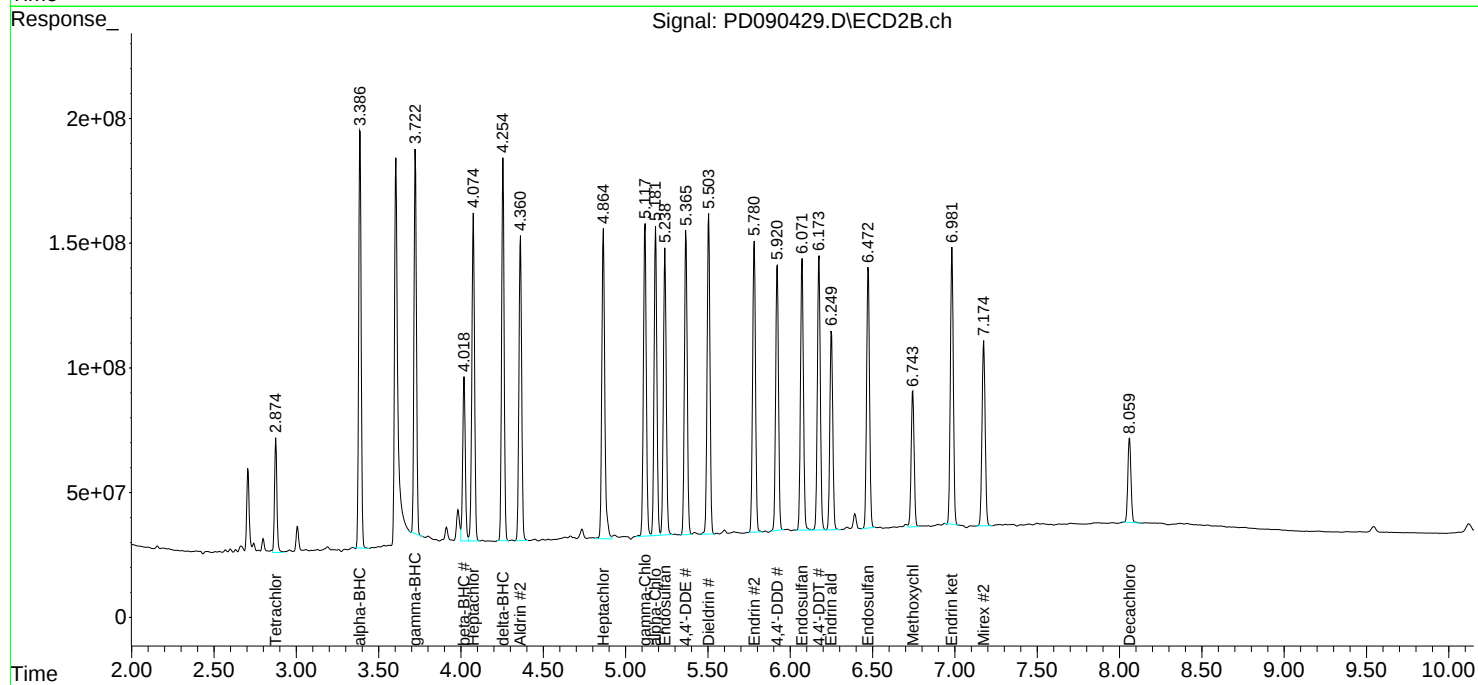
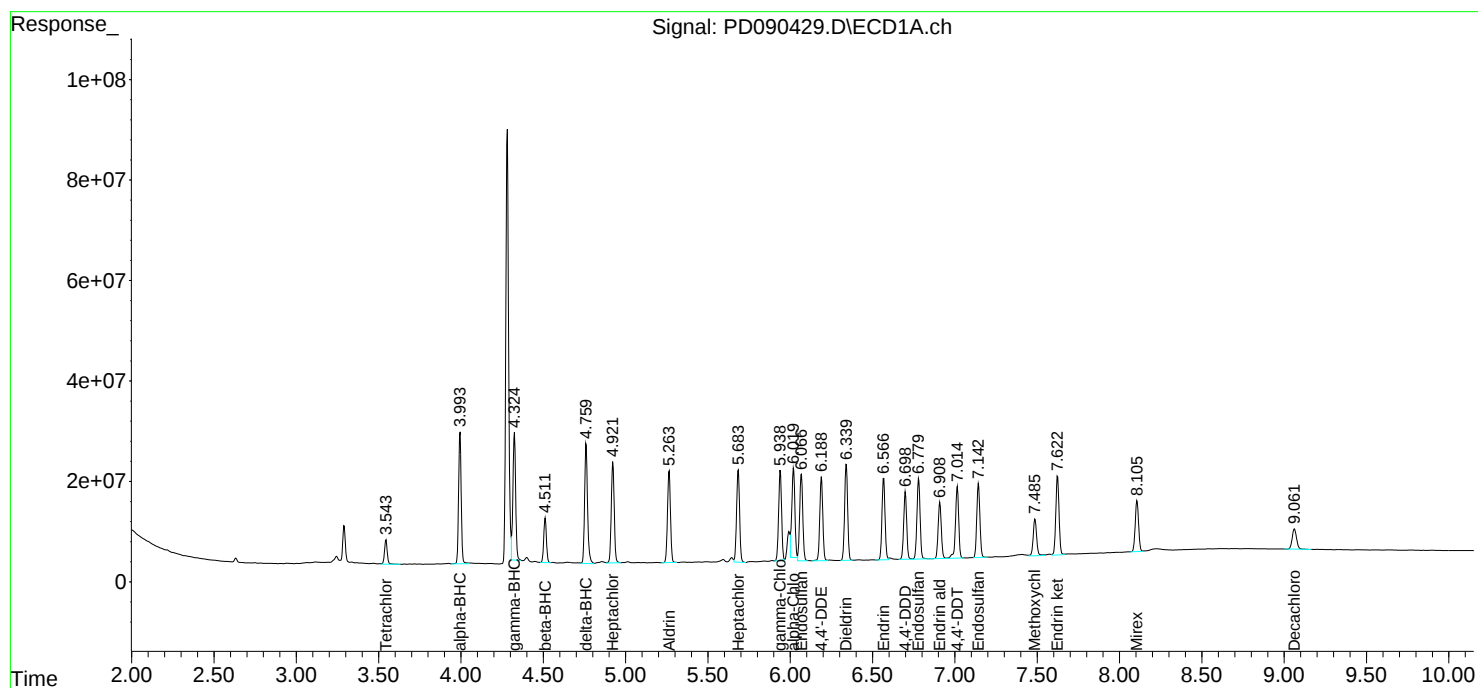
Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MS

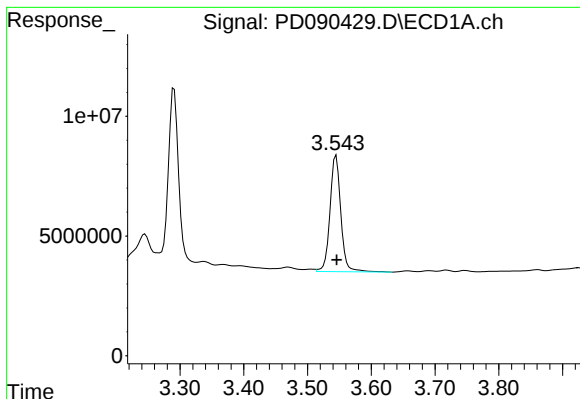
Manual Integrations
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Supervised By :mohammad ahmed 10/01/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 02:32:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD091825.M
Quant Title : GC Extractables
QLast Update : Fri Sep 19 05:52:38 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





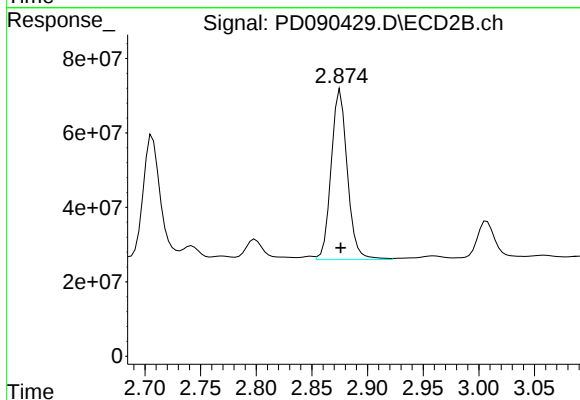
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.001 min
Response: 57502723
Conc: 17.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MS

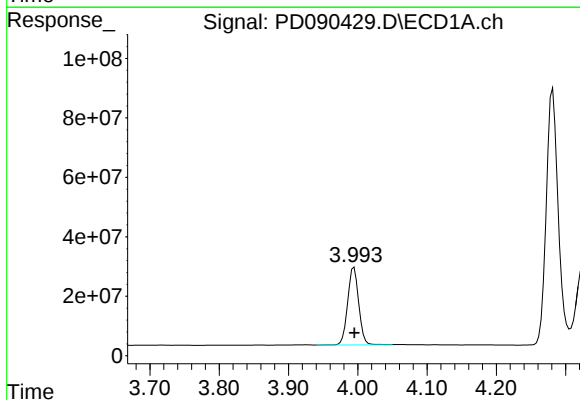
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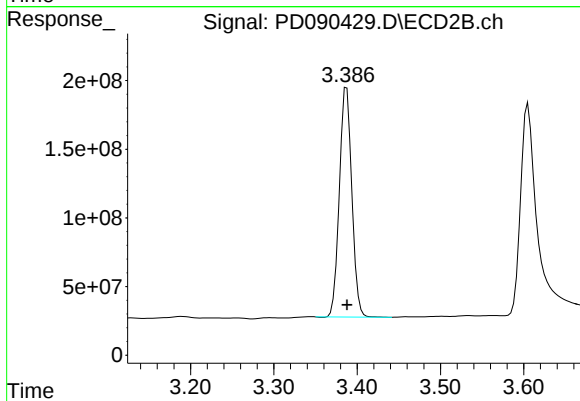
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 462885961
Conc: 16.86 ng/ml



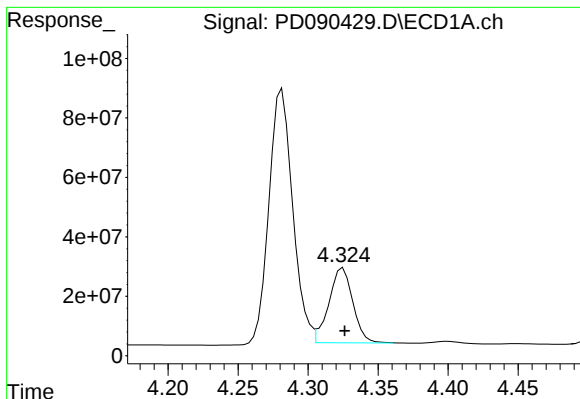
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 291194080
Conc: 41.69 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: 0.000 min
Response: 1737921450
Conc: 39.69 ng/ml



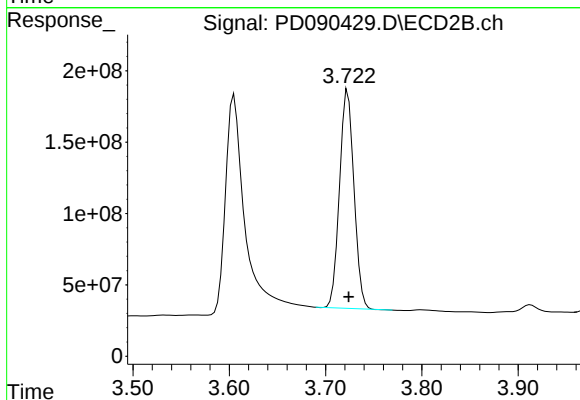
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.002 min
Response: 297545357
Conc: 44.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MS

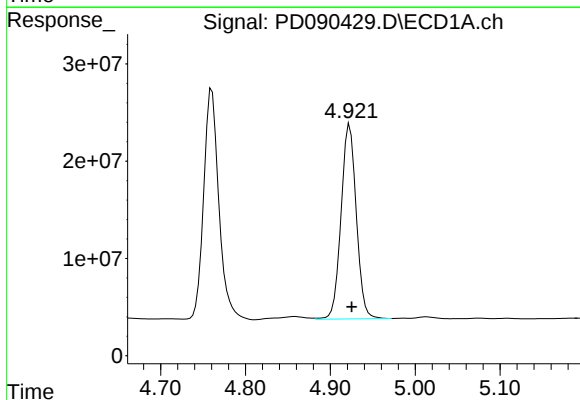
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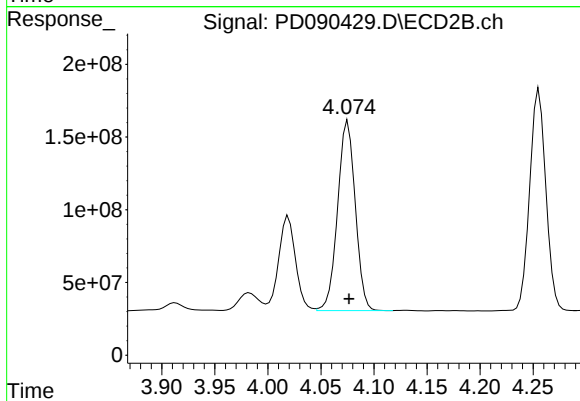
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 1591401878
Conc: 39.07 ng/ml



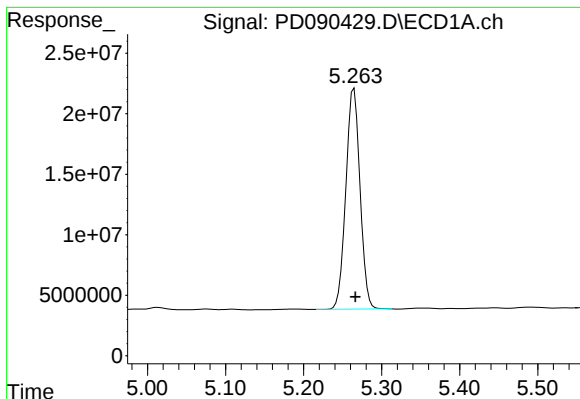
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.002 min
Response: 248741366
Conc: 37.62 ng/ml



#4 Heptachlor

R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 1513981294
Conc: 37.18 ng/ml



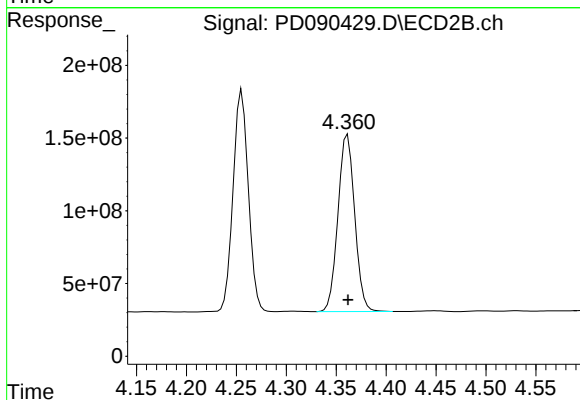
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.002 min
Response: 229802161
Conc: 36.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MS

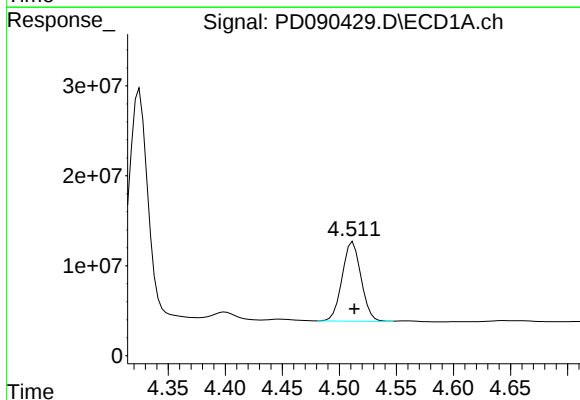
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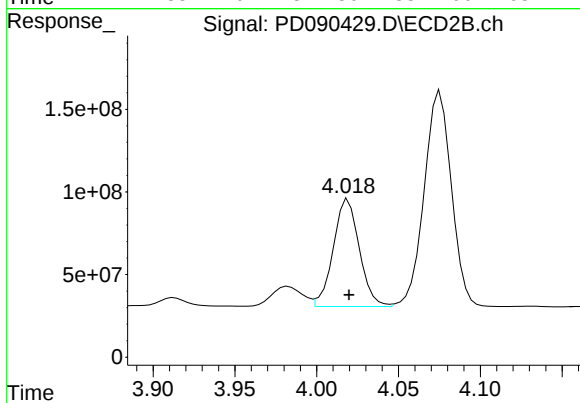
#5 Aldrin

R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 1420633081
Conc: 35.57 ng/ml



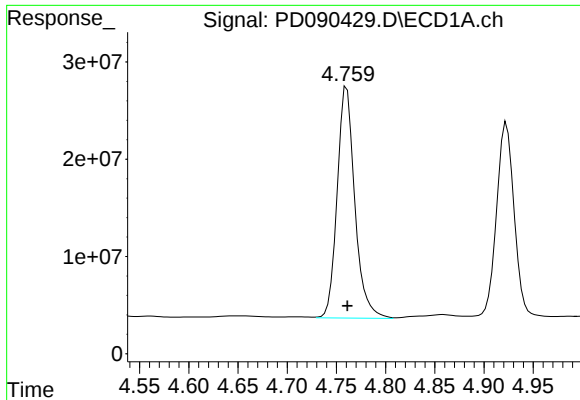
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: -0.001 min
Response: 101814086
Conc: 39.46 ng/ml



#6 beta-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 720692087
Conc: 41.57 ng/ml



#7 delta-BHC

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 297281087
Conc: 46.04 ng/ml

Instrument :

ECD_D

ClientSampleId :

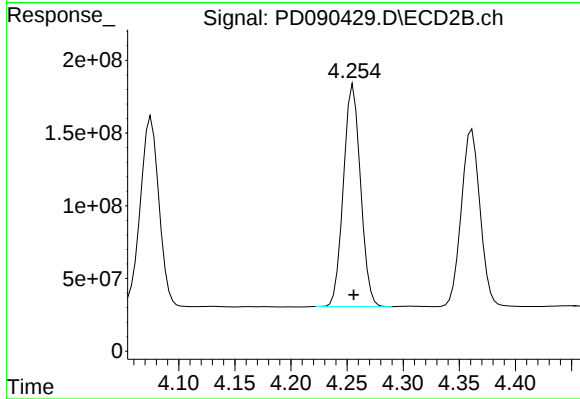
EME-TS14-01MS

Manual Integrations

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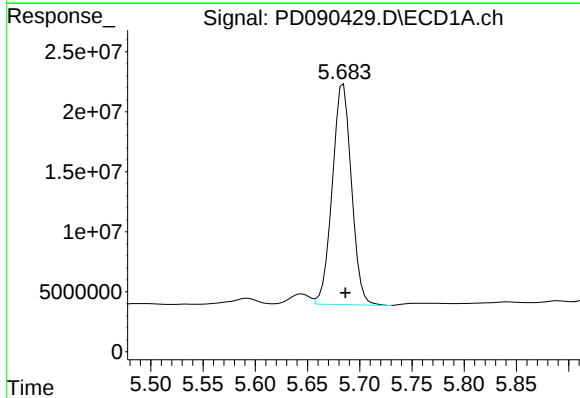
Reviewed By :Abdul Mirza 09/30/2025

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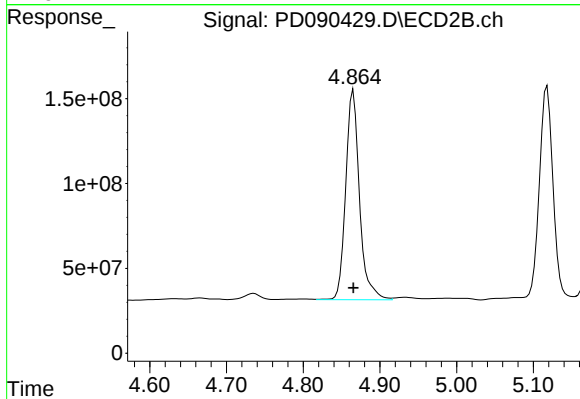
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 1619418947
Conc: 39.22 ng/ml



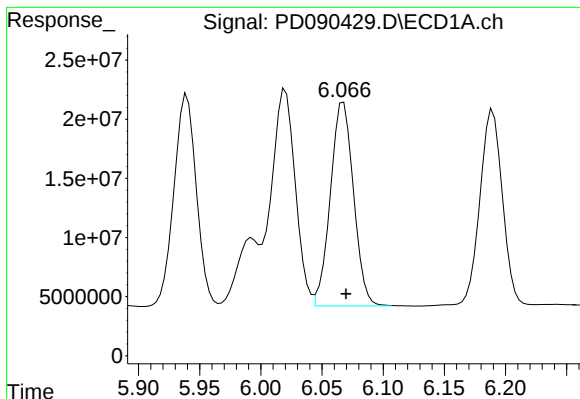
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.002 min
Response: 234587303
Conc: 41.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: 0.000 min
Response: 1551725803
Conc: 42.09 ng/ml



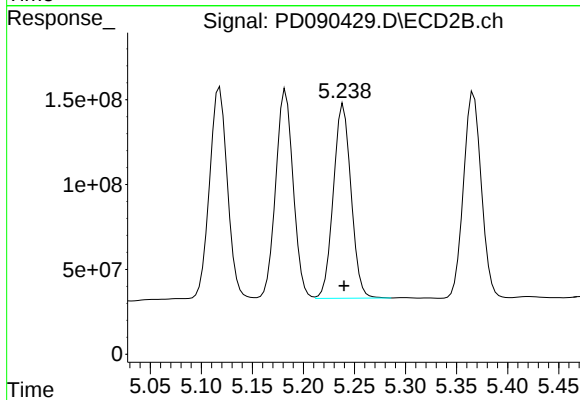
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 226571795
Conc: 41.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MS

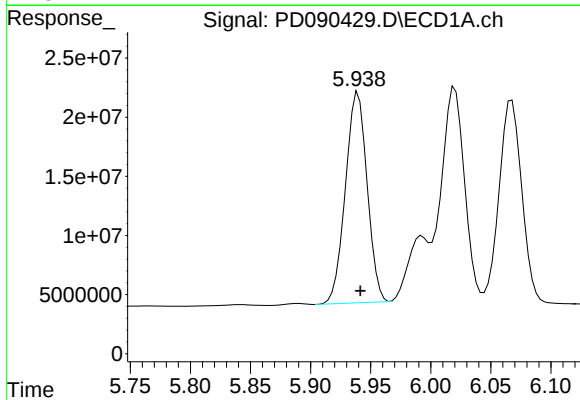
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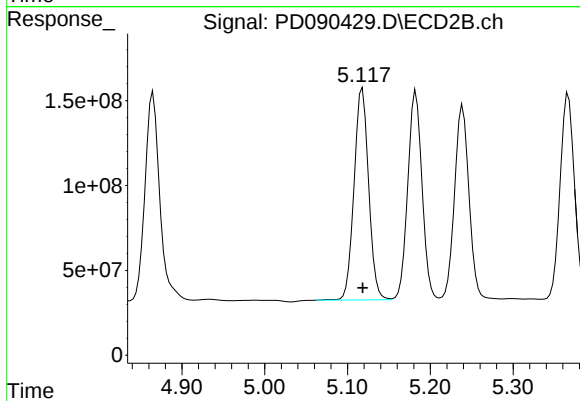
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 1380630761
Conc: 39.90 ng/ml



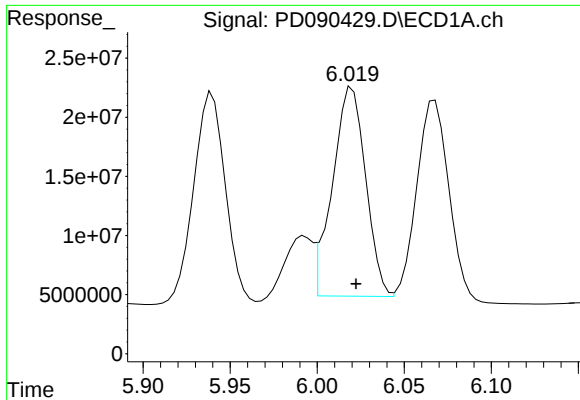
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 224059303
Conc: 39.23 ng/ml



#10 gamma-Chlordane

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 1527379733
Conc: 38.88 ng/ml



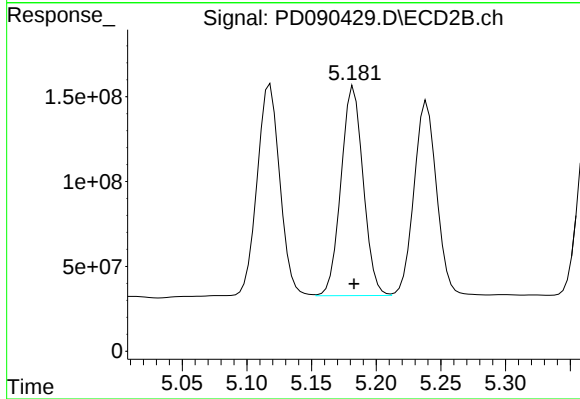
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.004 min
Response: 230213013
Conc: 39.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MS

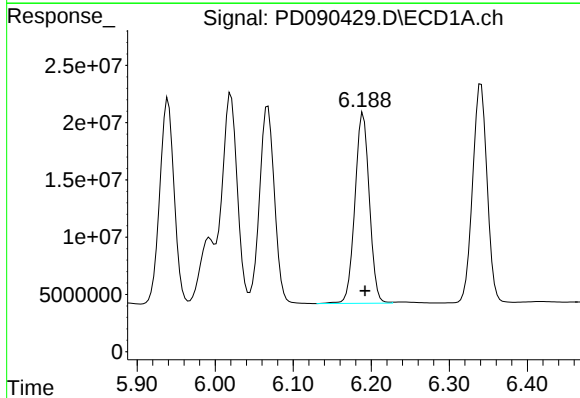
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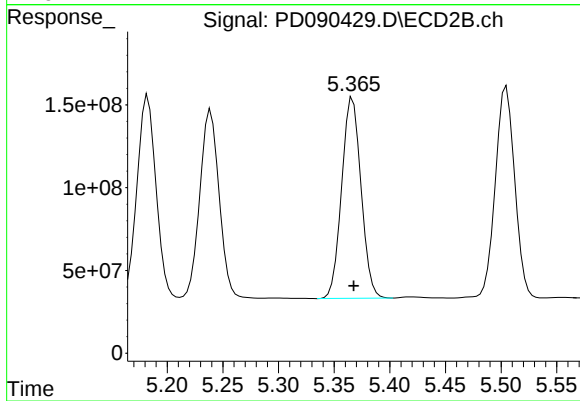
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 1468286502
Conc: 38.98 ng/ml



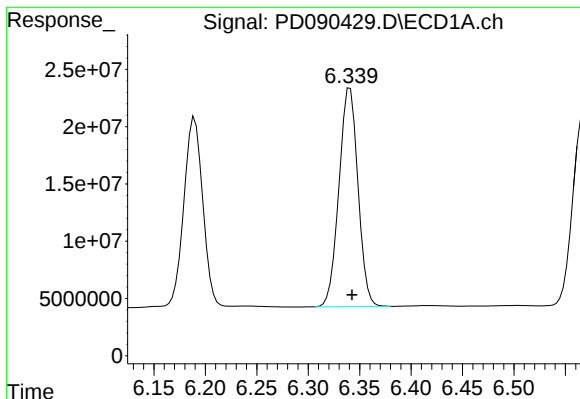
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: -0.002 min
Response: 213582503
Conc: 41.01 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: -0.001 min
Response: 1469879053
Conc: 38.40 ng/ml



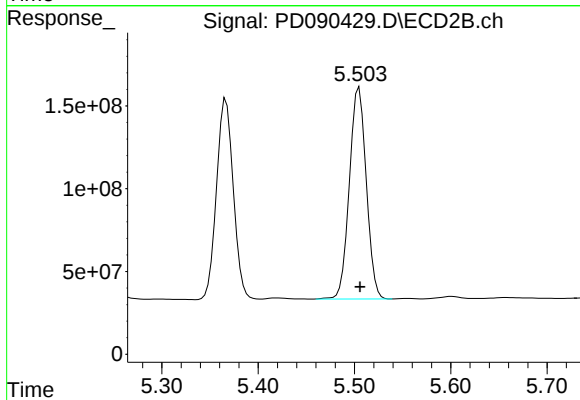
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.002 min
Response: 245628571
Conc: 42.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MS

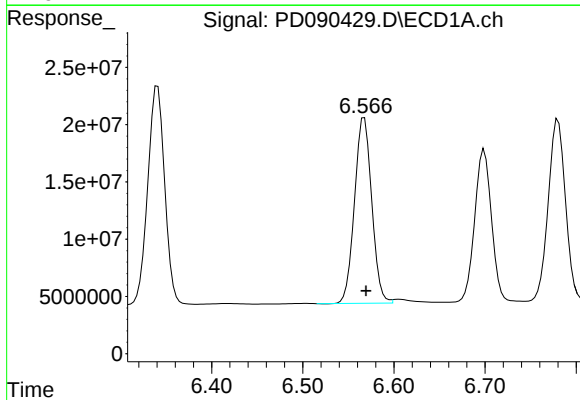
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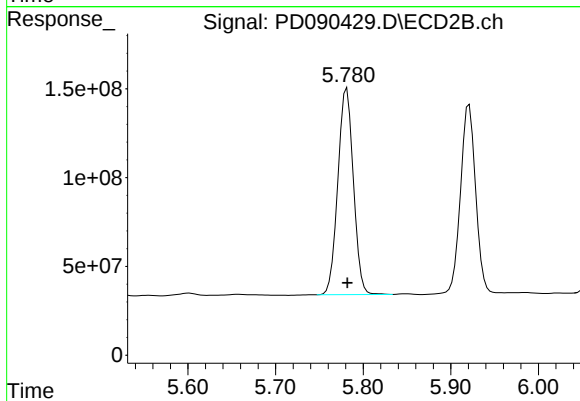
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 1554582130
Conc: 39.92 ng/ml



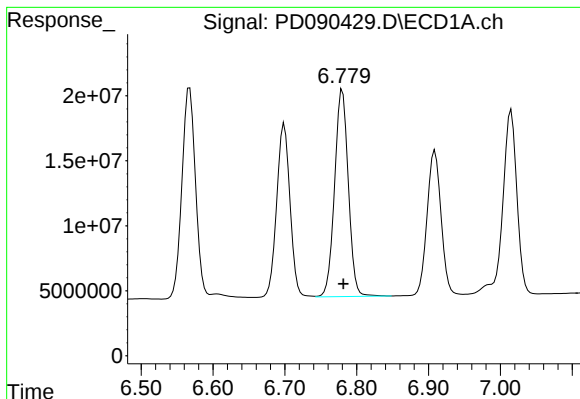
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 212675512
Conc: 43.46 ng/ml



#14 Endrin

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 1432220255
Conc: 39.97 ng/ml



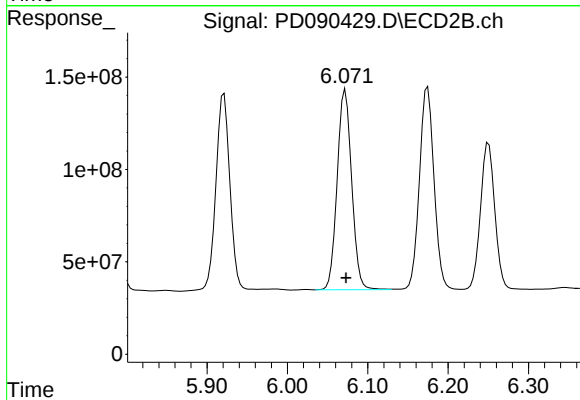
#15 Endosulfan II

R.T.: 6.780 min
Delta R.T.: -0.001 min
Response: 211130472
Conc: 43.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MS

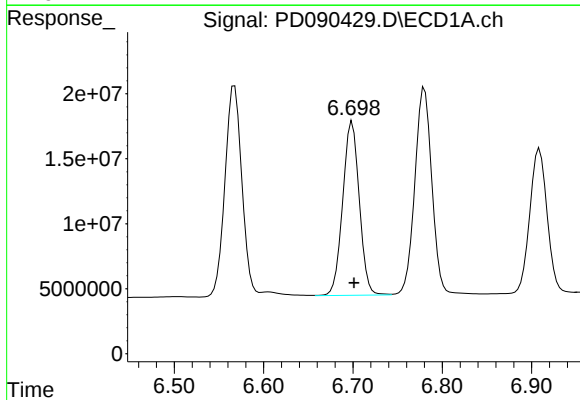
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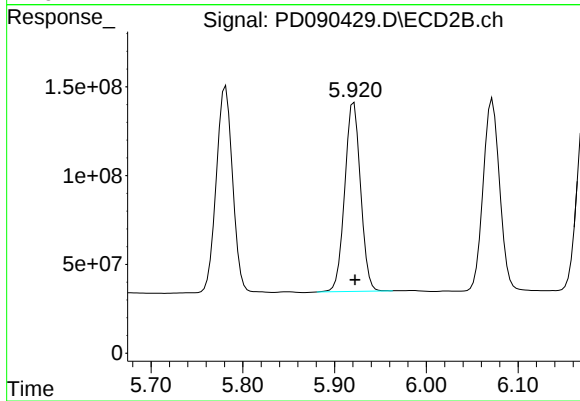
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: -0.001 min
Response: 1356743577
Conc: 40.20 ng/ml



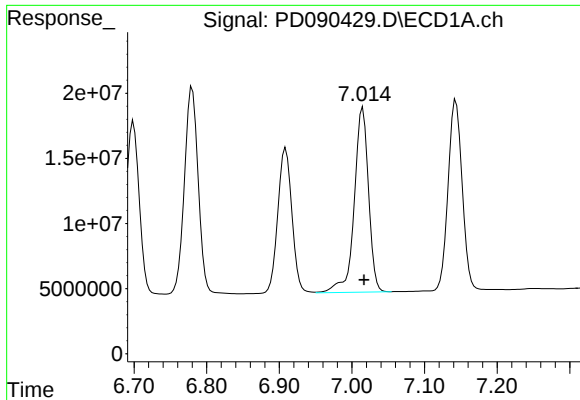
#16 4,4'-DDD

R.T.: 6.699 min
Delta R.T.: -0.002 min
Response: 172303512
Conc: 42.05 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: -0.001 min
Response: 1272148264
Conc: 39.23 ng/ml



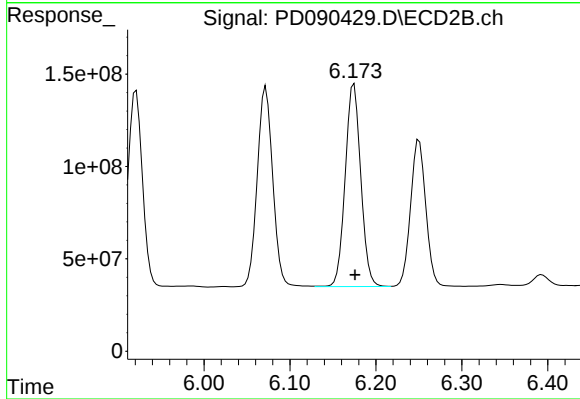
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: -0.002 min
Response: 193625923
Conc: 43.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MS

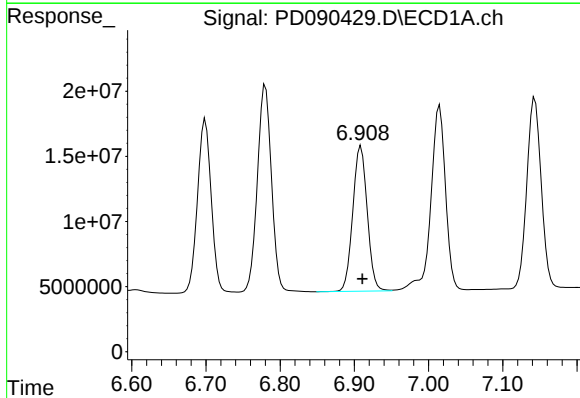
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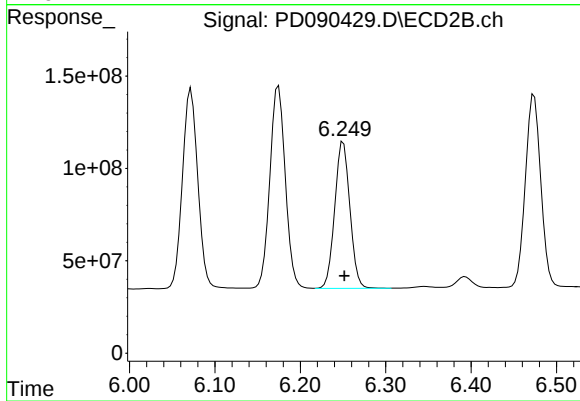
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.001 min
Response: 1382004410
Conc: 40.20 ng/ml



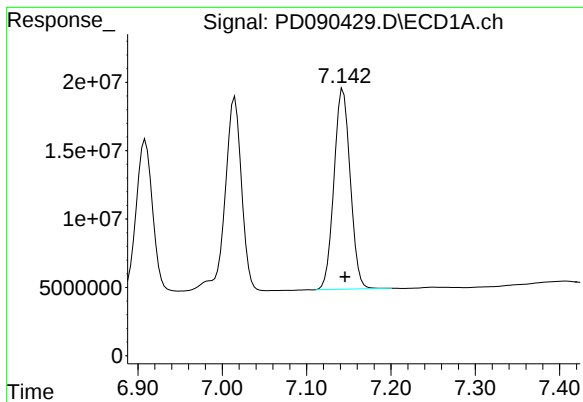
#18 Endrin aldehyde

R.T.: 6.909 min
Delta R.T.: -0.002 min
Response: 150510656
Conc: 43.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.001 min
Response: 979433599
Conc: 41.60 ng/ml



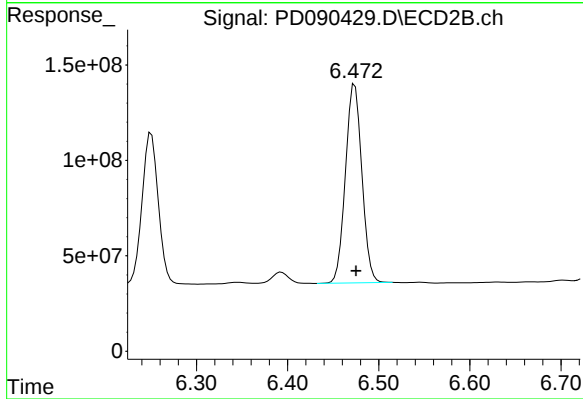
#19 Endosulfan Sulfate

R.T.: 7.143 min
Delta R.T.: -0.002 min
Response: 196561049
Conc: 42.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MS

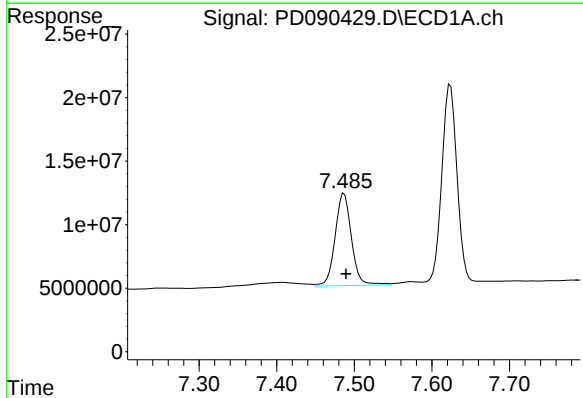
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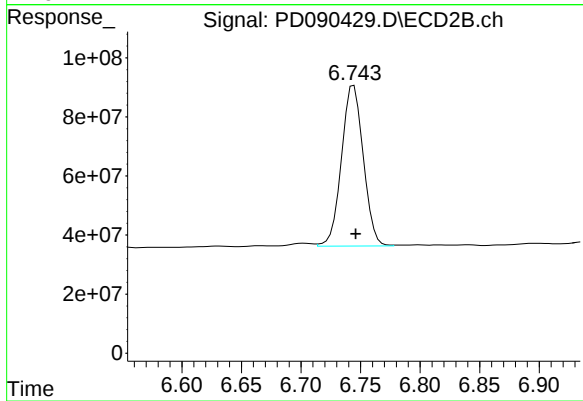
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: -0.001 min
Response: 1304560836
Conc: 39.91 ng/ml



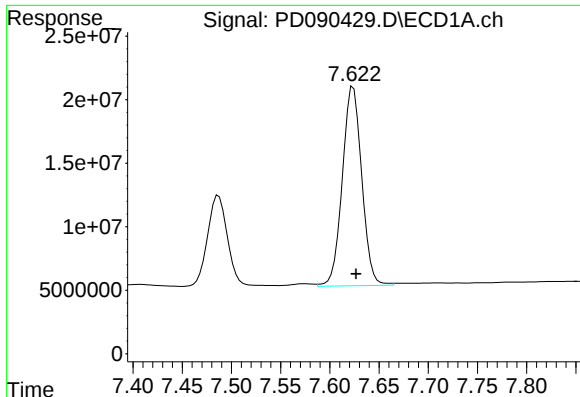
#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.003 min
Response: 106528982
Conc: 45.21 ng/ml



#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: -0.002 min
Response: 693226290
Conc: 39.84 ng/ml



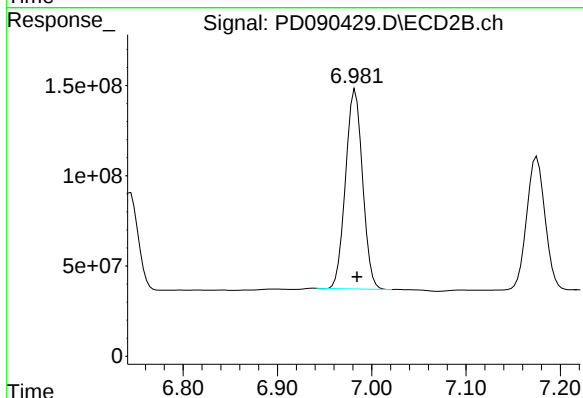
#21 Endrin ketone

R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 215286963
Conc: 43.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MS

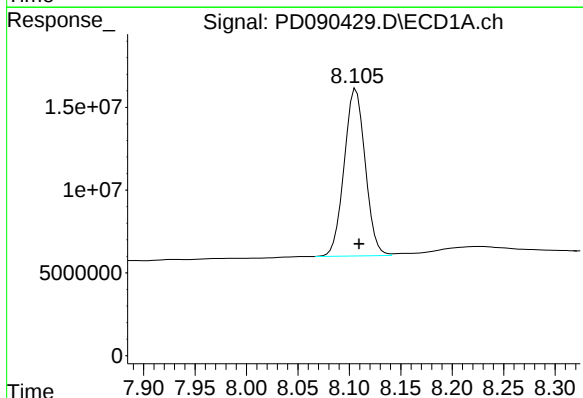
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



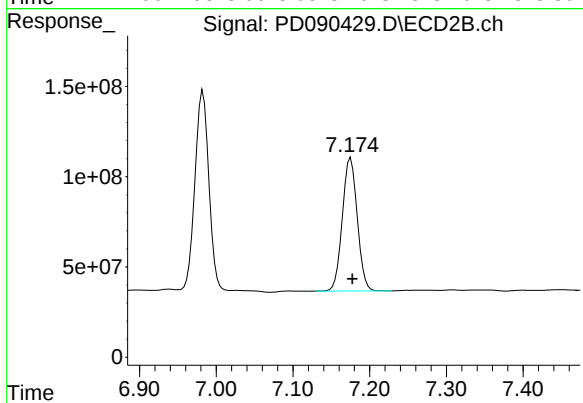
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.002 min
Response: 1387366464
Conc: 38.43 ng/ml



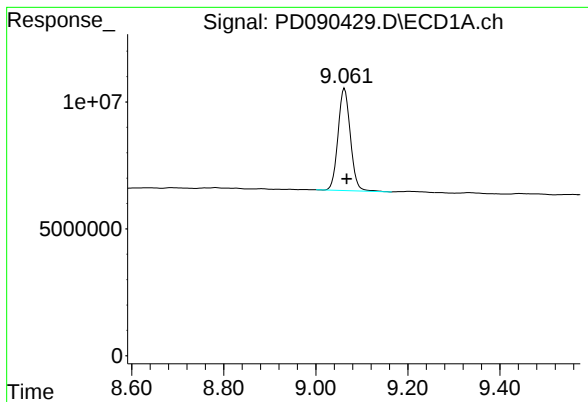
#22 Mirex

R.T.: 8.105 min
Delta R.T.: -0.004 min
Response: 143676527
Conc: 38.78 ng/ml m



#22 Mirex

R.T.: 7.175 min
Delta R.T.: -0.002 min
Response: 1000487450
Conc: 36.24 ng/ml



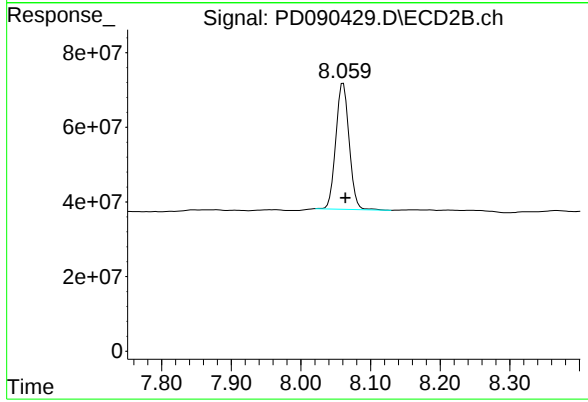
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.005 min
Response: 74767898
Conc: 15.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
EME-TS14-01MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/30/2025
Supervised By :mohammad ahmed 10/01/2025



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 450972882
Conc: 13.91 ng/ml