

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072825\
 Data File : PD089646.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2025 14:13
 Operator : AR\AJ
 Sample : Q2600-05MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 STOCK-PILEMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/29/2025
 Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 01:32:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 22 04:39:29 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...	3.550	2.878	36780815	231.3E6	12.765	11.820m
2)	SA Decachlor...	9.073	8.070	51197795	223.4E6	12.466	9.093 #
Target Compounds							
2)	A alpha-BHC	3.999	3.391	201.1E6	885.7E6	35.223	29.478
3)	MA gamma-BHC...	4.330	3.728	189.4E6	758.8E6	34.325	27.331
4)	MA Heptachlor	4.928	4.081	179.5E6	730.4E6	32.920	26.068
5)	MB Aldrin	5.270	4.366	165.6E6	673.4E6	31.644	24.589
6)	B beta-BHC	4.515	4.024	69405942	328.3E6	32.190	27.579
7)	B delta-BHC	4.764	4.260	183.7E6	717.1E6	34.755	25.705 #
8)	B Heptachlo...	5.690	4.870	146.6E6	591.2E6	31.040	23.778
9)	A Endosulfan I	6.073	5.245	139.0E6	527.6E6	31.275	22.218 #
10)	B gamma-Chl...	5.945	5.123	149.3E6	614.7E6	31.496	22.977 #
11)	B alpha-Chl...	6.026	5.188	146.3E6	561.4E6	30.695	21.767 #
12)	B 4,4'-DDE	6.195	5.373	131.3E6	568.6E6	30.572	21.657 #
13)	MA Dieldrin	6.346	5.510	143.8E6	572.3E6	30.464	21.655 #
14)	MA Endrin	6.574	5.787	127.2E6	517.1E6	31.242	21.382 #
15)	B Endosulfa...	6.786	6.078	120.0E6	511.7E6	29.490	22.280
16)	A 4,4'-DDD	6.705	5.926	113.3E6	446.7E6	33.437	20.377m#
17)	MA 4,4'-DDT	7.021	6.181	112.8E6	493.6E6	29.909	21.089 #
18)	B Endrin al...	6.913	6.256	82376667	324.1E6	28.254m	19.527 #
19)	B Endosulfa...	7.149	6.480	126.7E6	474.2E6	33.574	21.360 #
20)	A Methoxychlor	7.493	6.751	65673440	284.9E6	32.757	23.369 #
21)	B Endrin ke...	7.628	6.989	134.6E6	497.0E6	33.458m	20.297 #
22)	Mirex	8.113	7.183	104.7E6	372.2E6	34.050	19.255 #

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

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Data File : PD089646.D
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Acq On : 28 Jul 2025 14:13
Operator : AR\AJ
Sample : Q2600-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

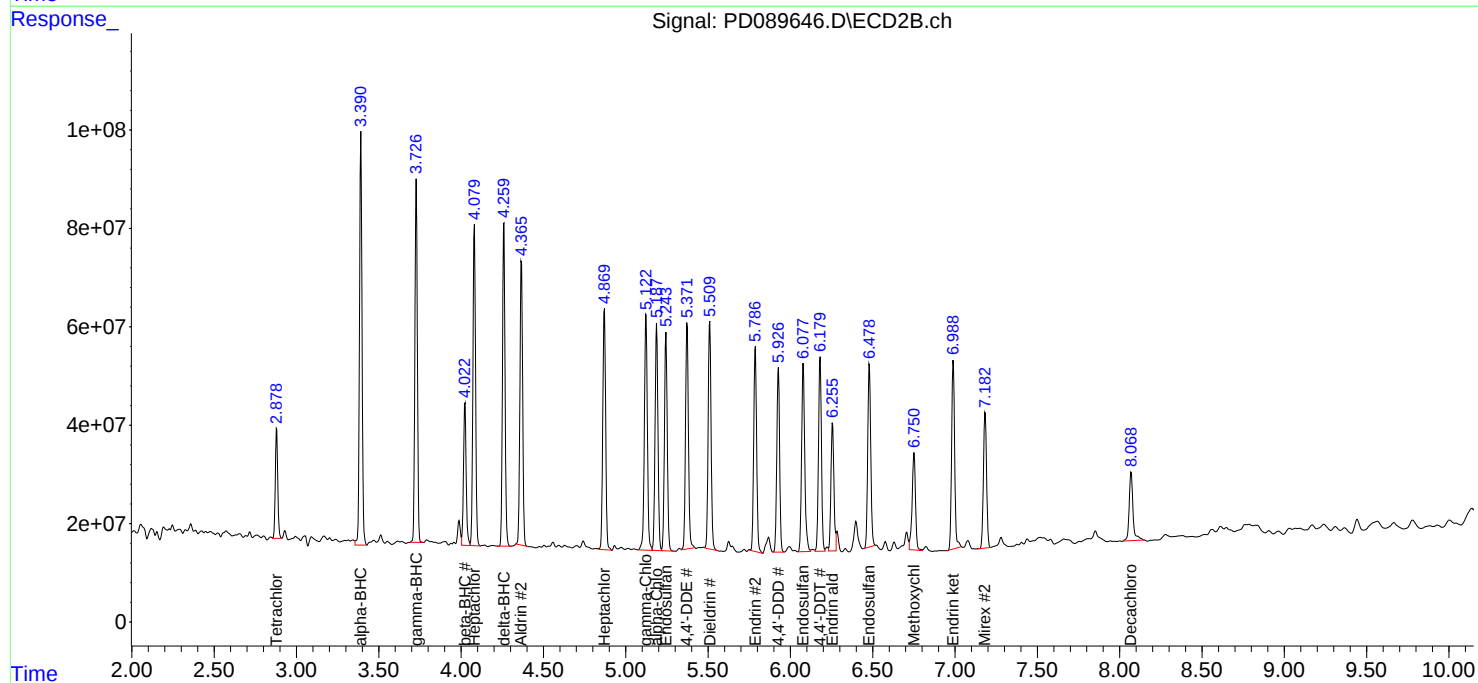
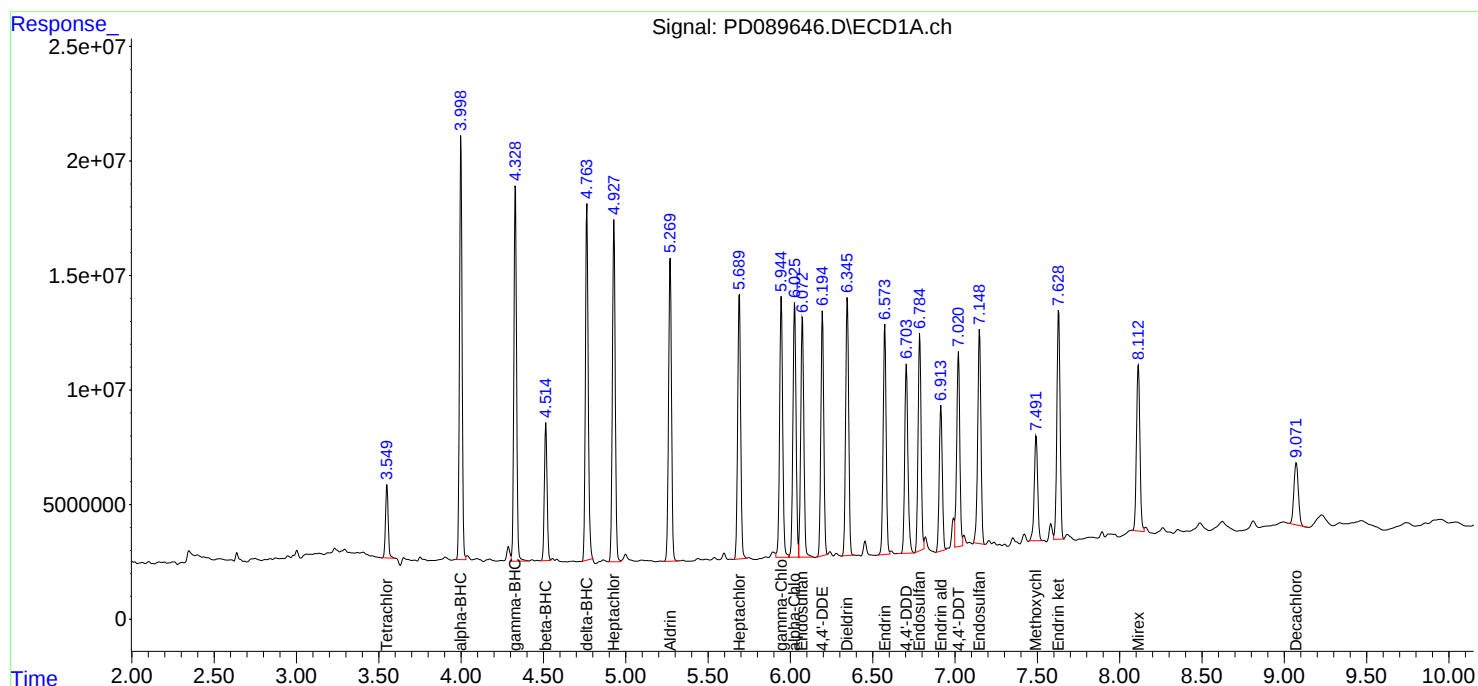
Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMSD

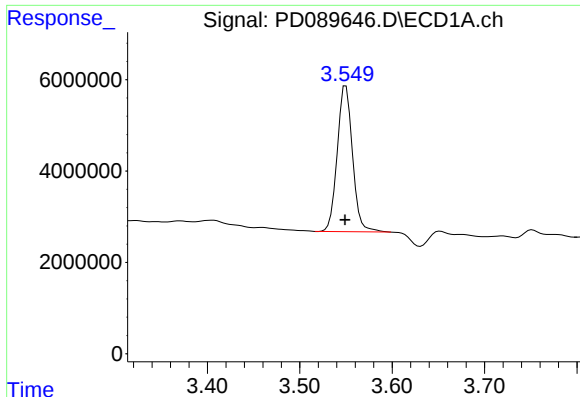
Manual Integrations
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Supervised By :mohammad ahmed 07/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 29 01:32:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 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





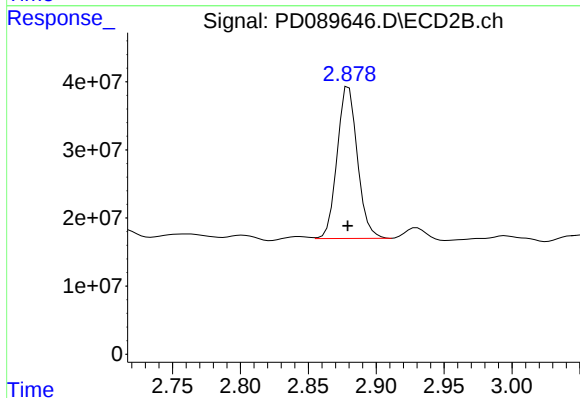
#1 Tetrachloro-m-xylene

R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 36780815
Conc: 12.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMSD

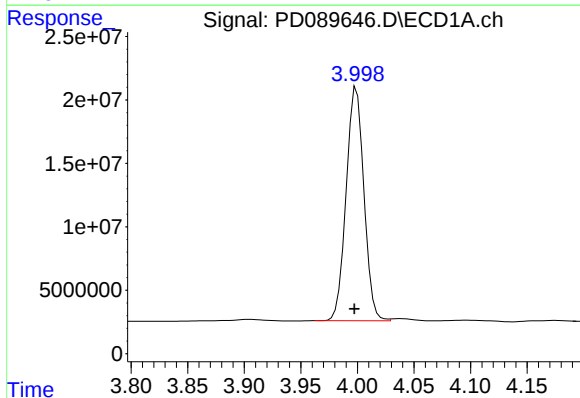
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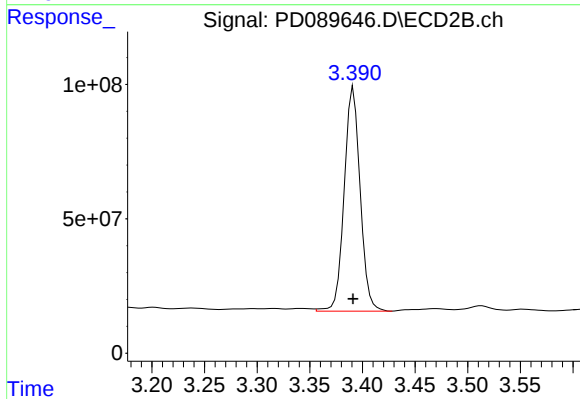
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 231273418
Conc: 11.82 ng/ml m



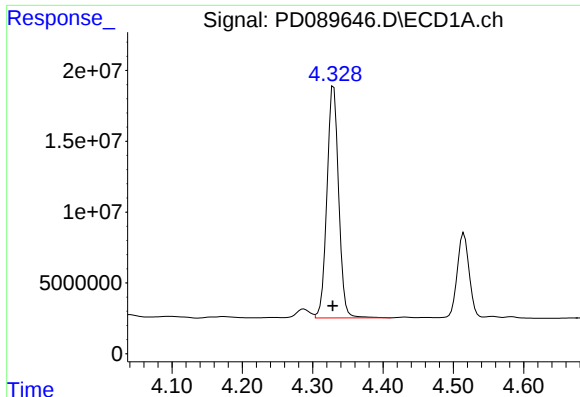
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.002 min
Response: 201109140
Conc: 35.22 ng/ml



#2 alpha-BHC

R.T.: 3.391 min
Delta R.T.: 0.000 min
Response: 885663723
Conc: 29.48 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.002 min
Response: 189385664
Conc: 34.32 ng/ml

Instrument :

ECD_D

ClientSampleId :

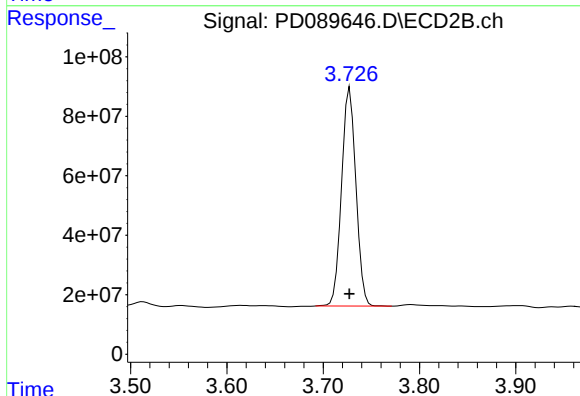
STOCK-PILEMSD

Manual Integrations

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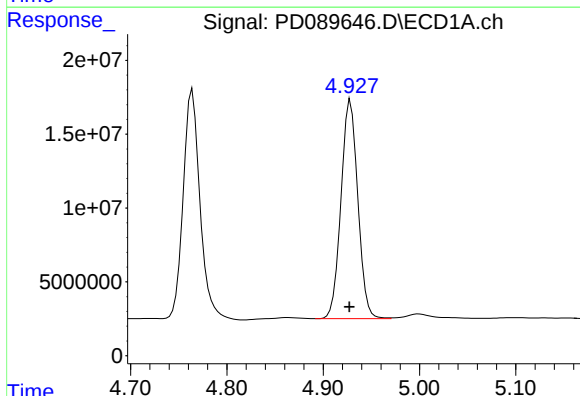
Reviewed By :Yogesh Patel 07/29/2025

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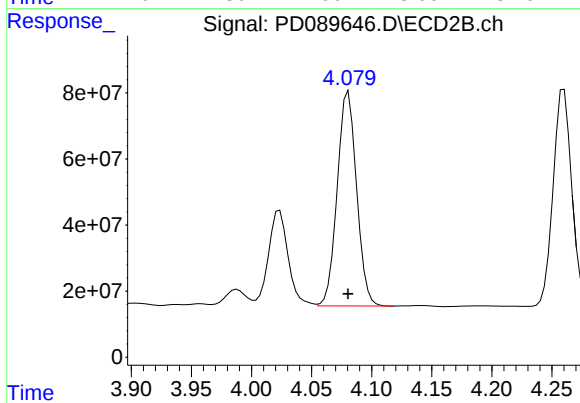
#3 gamma-BHC (Lindane)

R.T.: 3.728 min
Delta R.T.: 0.000 min
Response: 758760448
Conc: 27.33 ng/ml



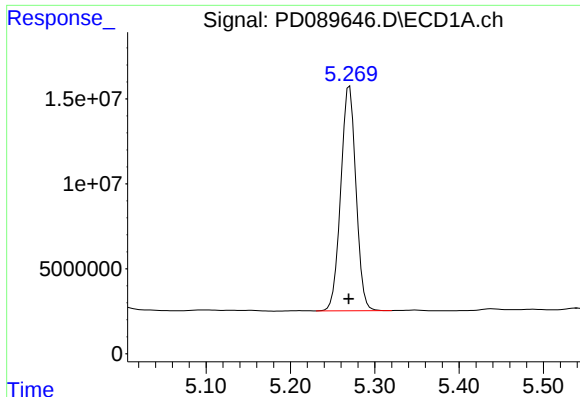
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.001 min
Response: 179539940
Conc: 32.92 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 730390475
Conc: 26.07 ng/ml



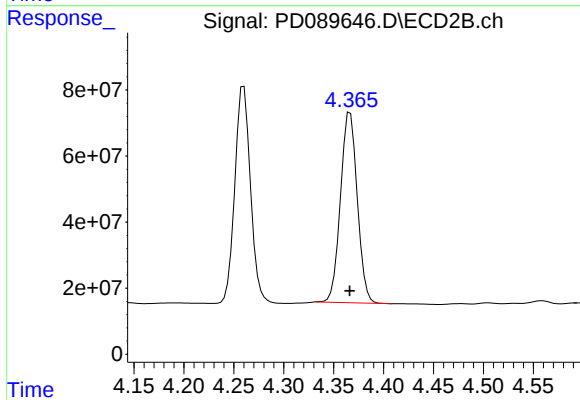
#5 Aldrin

R.T.: 5.270 min
Delta R.T.: 0.001 min
Response: 165588695
Conc: 31.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMSD

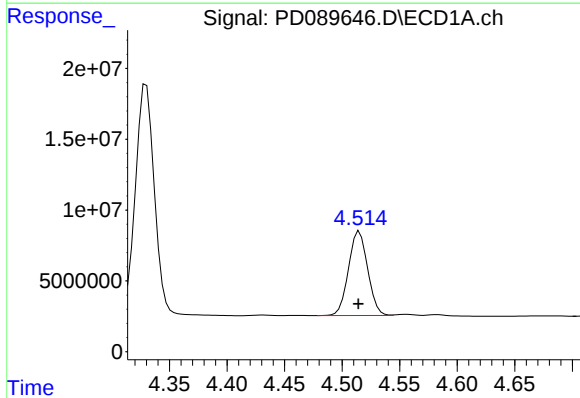
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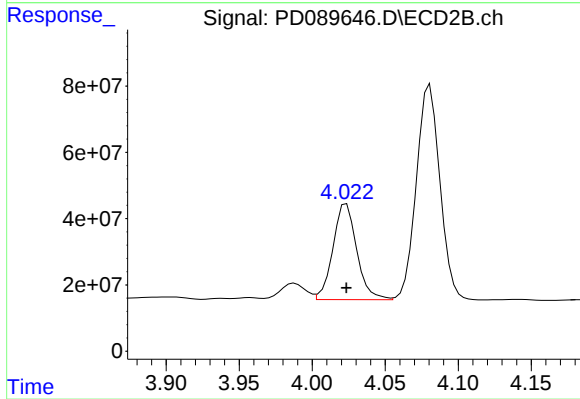
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 673403366
Conc: 24.59 ng/ml



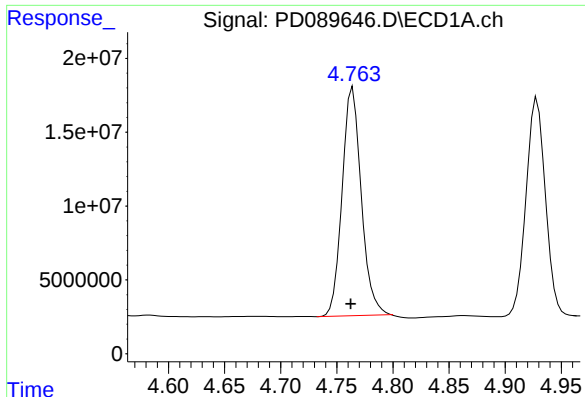
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 69405942
Conc: 32.19 ng/ml



#6 beta-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 328265918
Conc: 27.58 ng/ml



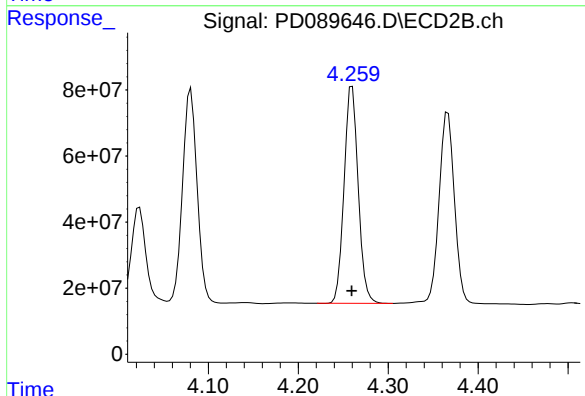
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.002 min
Response: 183685934
Conc: 34.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMSD

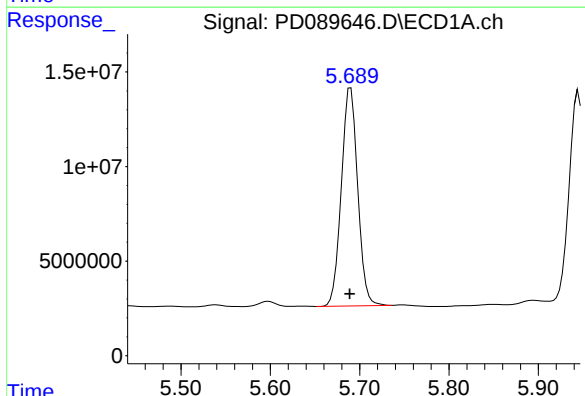
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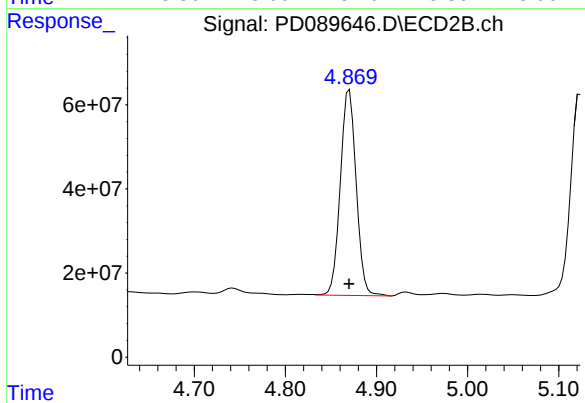
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: 0.000 min
Response: 717082597
Conc: 25.71 ng/ml



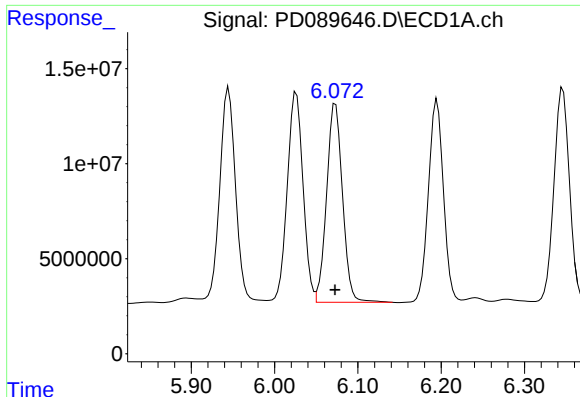
#8 Heptachlor epoxide

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 146618819
Conc: 31.04 ng/ml



#8 Heptachlor epoxide

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 591165587
Conc: 23.78 ng/ml



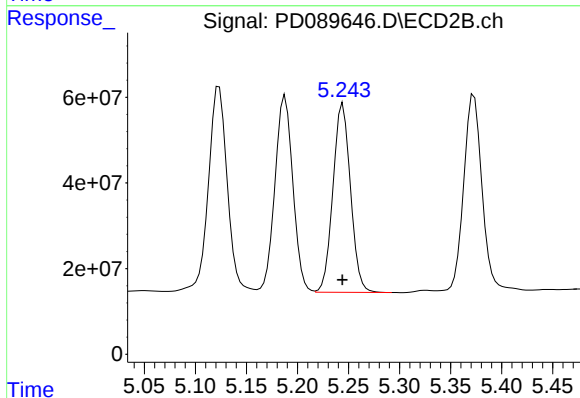
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 139039964
Conc: 31.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMSD

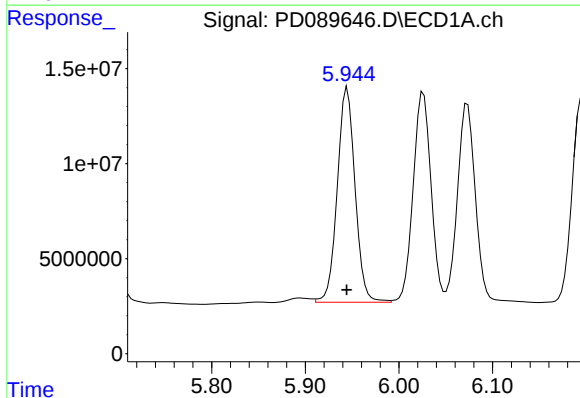
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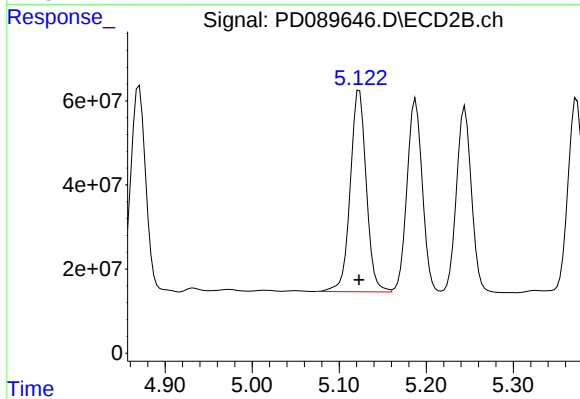
#9 Endosulfan I

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 527585043
Conc: 22.22 ng/ml



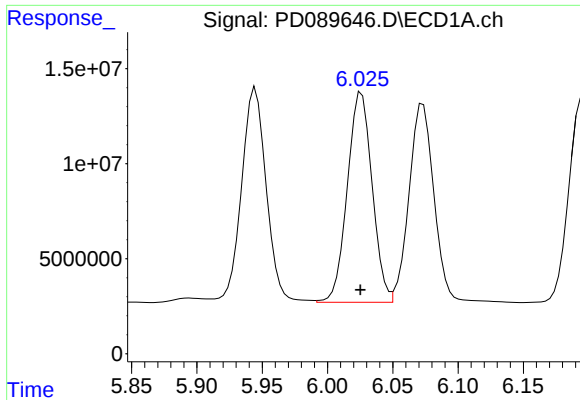
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 149323230
Conc: 31.50 ng/ml



#10 gamma-Chlordane

R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 614710548
Conc: 22.98 ng/ml



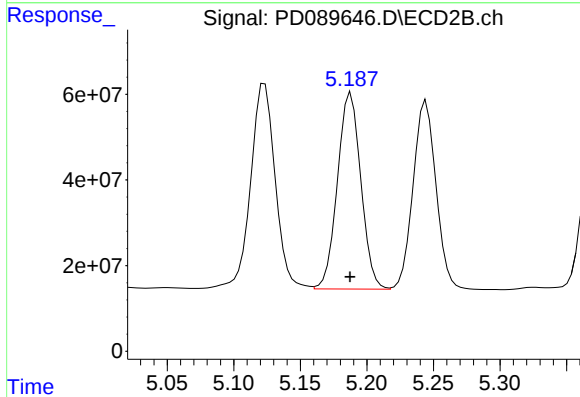
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 146314400
Conc: 30.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMSD

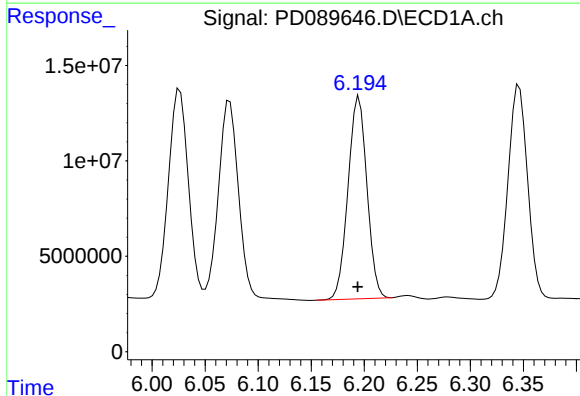
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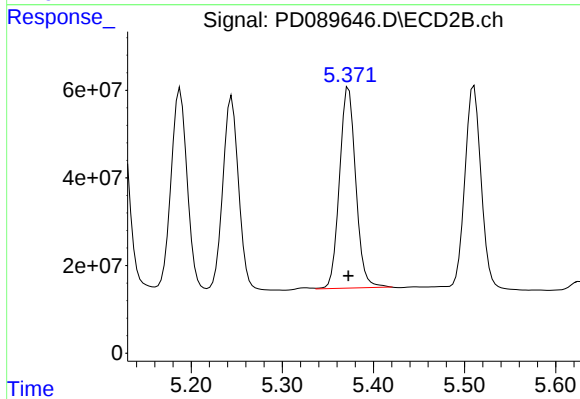
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: 0.000 min
Response: 561419333
Conc: 21.77 ng/ml



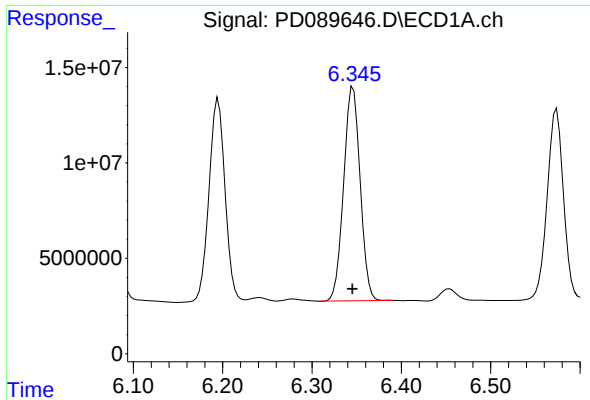
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.001 min
Response: 131271350
Conc: 30.57 ng/ml



#12 4,4'-DDE

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 568627019
Conc: 21.66 ng/ml



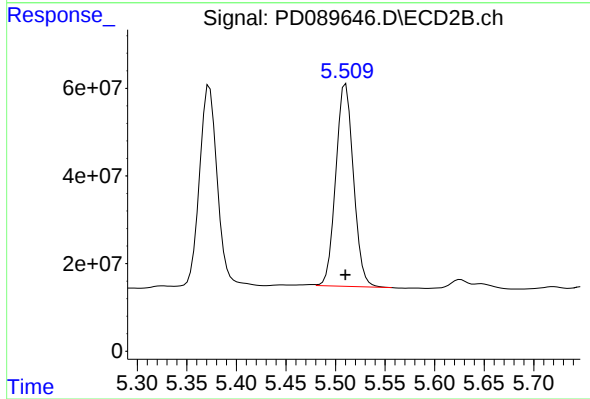
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.000 min
Response: 143810035
Conc: 30.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMSD

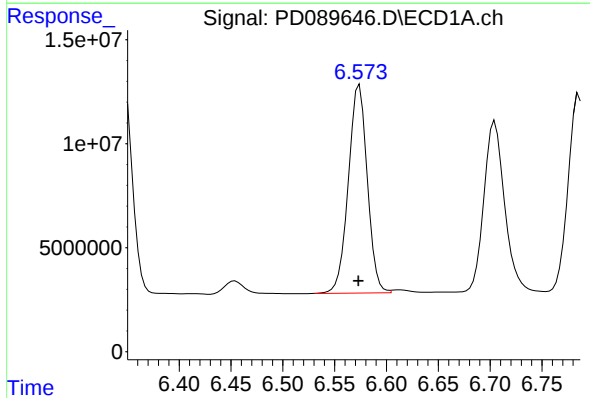
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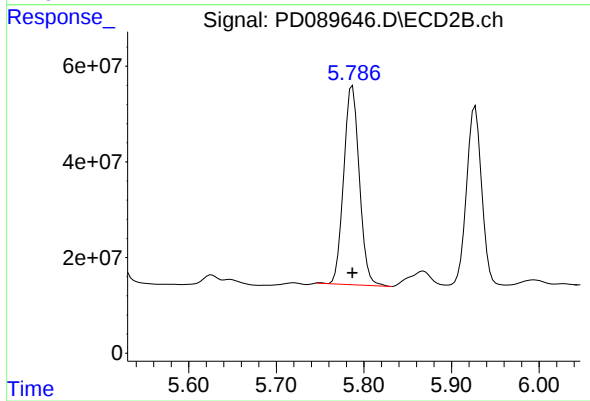
#13 Dieldrin

R.T.: 5.510 min
Delta R.T.: 0.000 min
Response: 572275170
Conc: 21.66 ng/ml



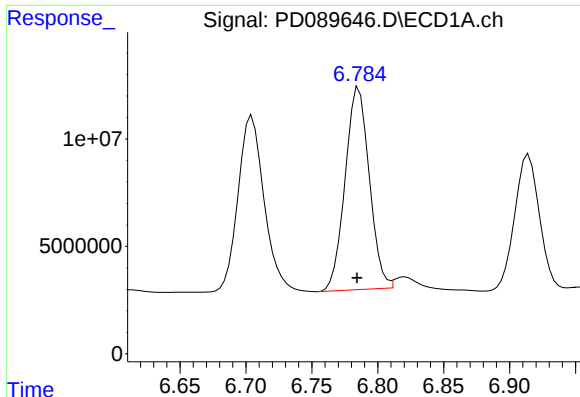
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 127235254
Conc: 31.24 ng/ml



#14 Endrin

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 517056644
Conc: 21.38 ng/ml



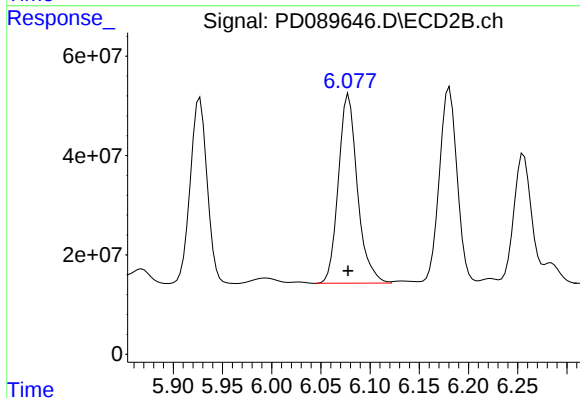
#15 Endosulfan II

R.T.: 6.786 min
Delta R.T.: 0.001 min
Response: 119991765
Conc: 29.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMSD

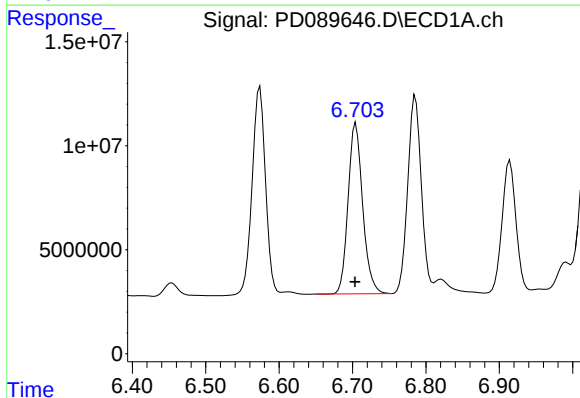
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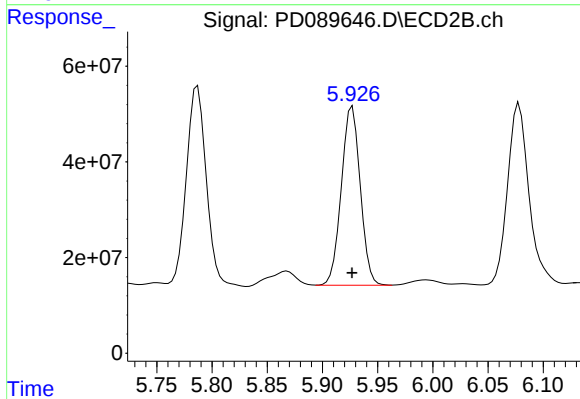
#15 Endosulfan II

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 511730338
Conc: 22.28 ng/ml



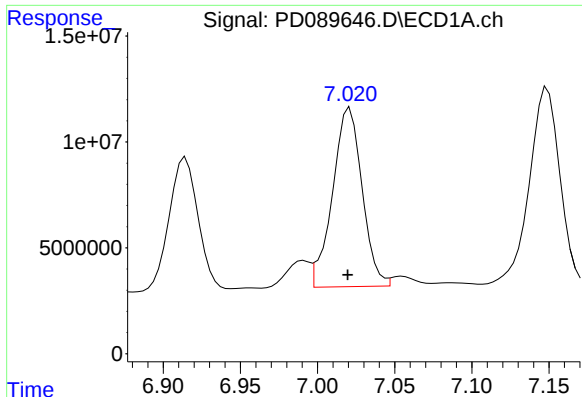
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.001 min
Response: 113310218
Conc: 33.44 ng/ml



#16 4,4'-DDD

R.T.: 5.926 min
Delta R.T.: -0.001 min
Response: 446710303
Conc: 20.38 ng/ml m



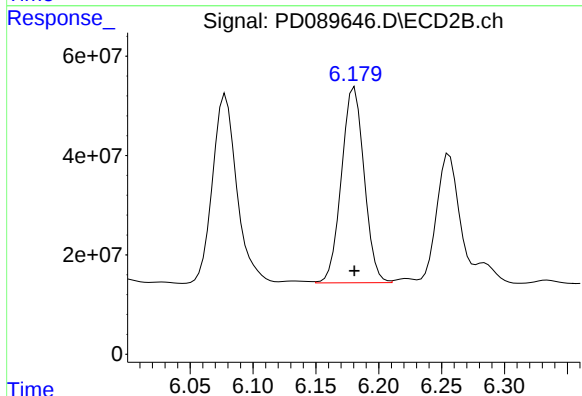
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.001 min
Response: 112846038
Conc: 29.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMSD

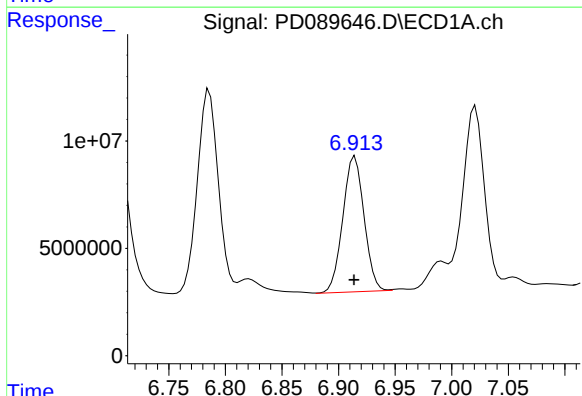
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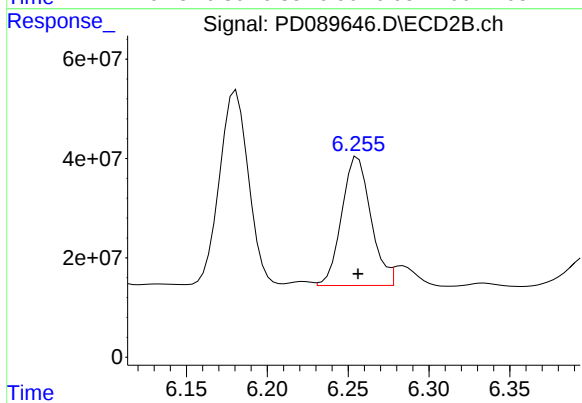
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 493639752
Conc: 21.09 ng/ml



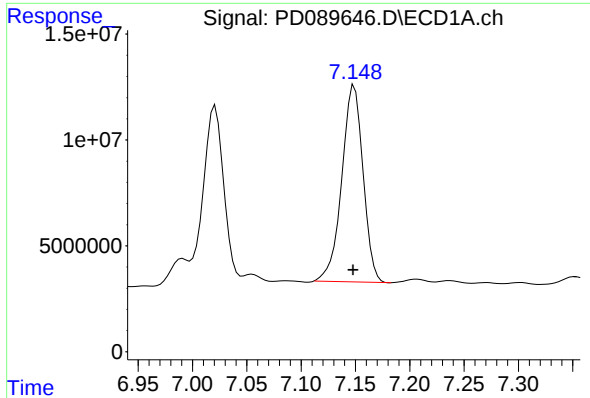
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 82376667
Conc: 28.25 ng/ml m



#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 324095273
Conc: 19.53 ng/ml



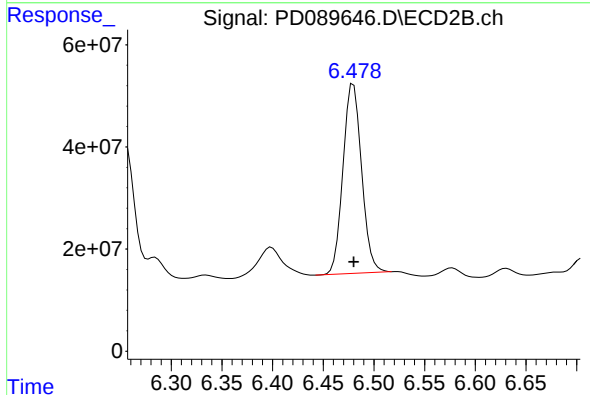
#19 Endosulfan Sulfate

R.T.: 7.149 min
Delta R.T.: 0.001 min
Response: 126712470
Conc: 33.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMSD

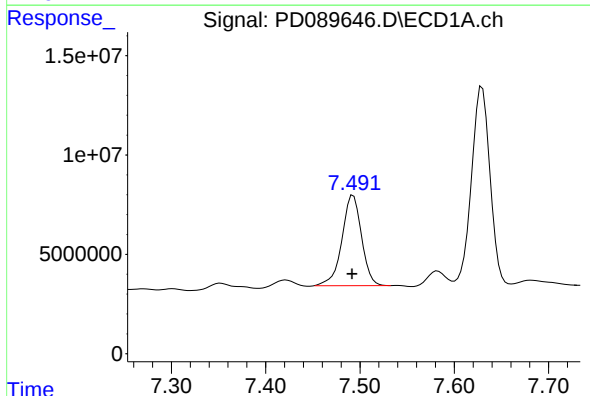
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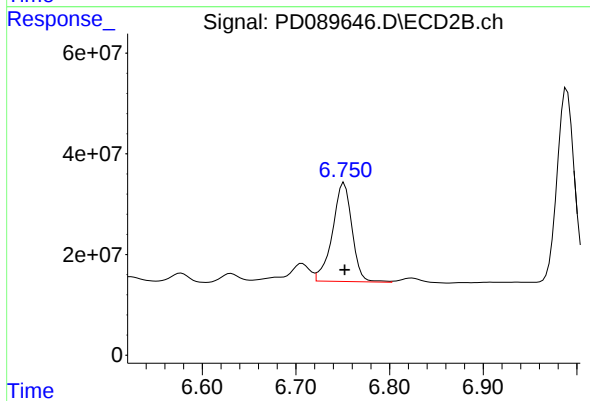
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: 0.000 min
Response: 474152152
Conc: 21.36 ng/ml



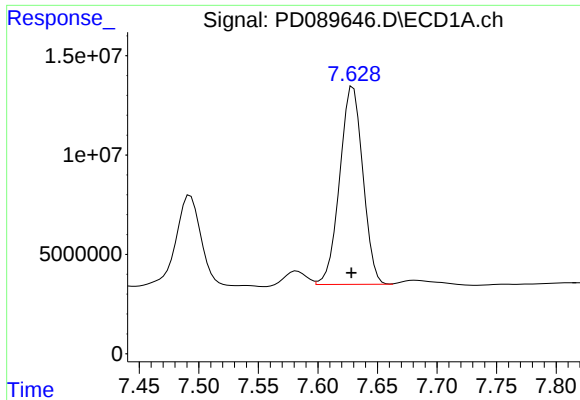
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.001 min
Response: 65673440
Conc: 32.76 ng/ml



#20 Methoxychlor

R.T.: 6.751 min
Delta R.T.: 0.000 min
Response: 284918925
Conc: 23.37 ng/ml



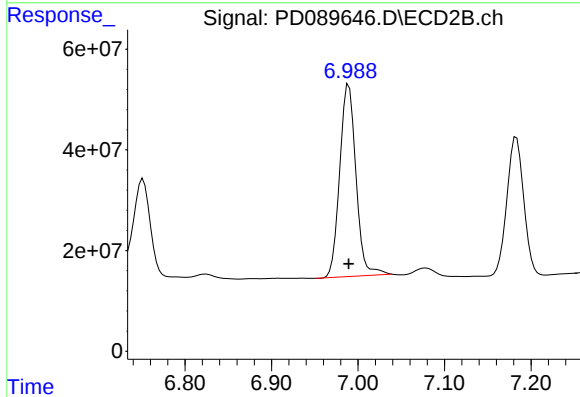
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: 0.000 min
Response: 134645401
Conc: 33.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMSD

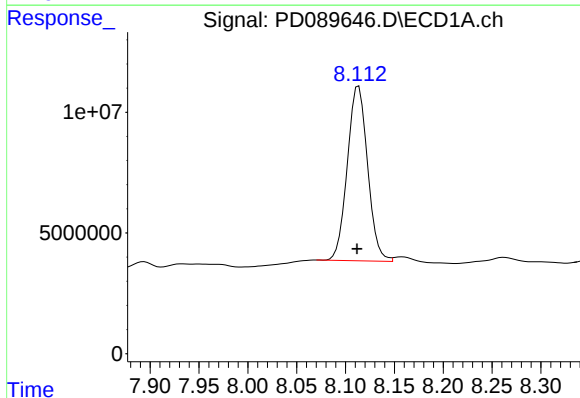
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/29/2025
Supervised By :mohammad ahmed 07/30/2025



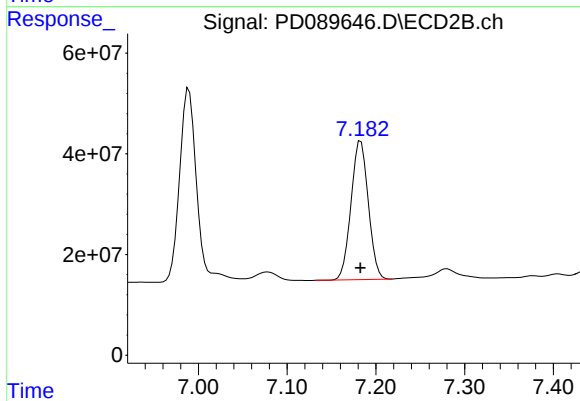
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 497048276
Conc: 20.30 ng/ml



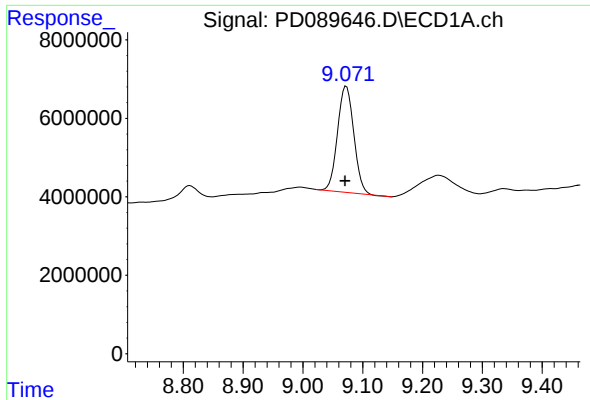
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.002 min
Response: 104744590
Conc: 34.05 ng/ml



#22 Mirex

R.T.: 7.183 min
Delta R.T.: 0.000 min
Response: 372196973
Conc: 19.26 ng/ml



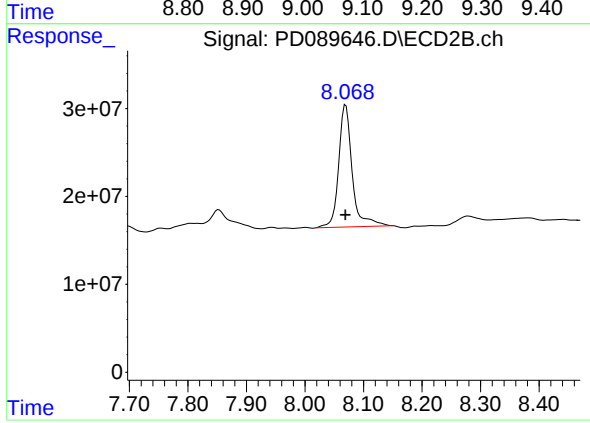
#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.002 min
Response: 51197795
Conc: 12.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
STOCK-PILEMSD

Manual Integrations
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Supervised By :mohammad ahmed 07/30/2025



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: 0.000 min
Response: 223400906
Conc: 9.09 ng/ml