

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090825\
 Data File : PD090199.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 18:00
 Operator : AR\AJ
 Sample : Q3015-09DL2 100X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 WP0925-PT-PEST-WPDL2

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 01:43:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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
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System Monitoring Compounds

Target Compounds						
2) A	alpha-BHC	3.998	3.389	107.1E6	670.4E6	17.837
3) MA	gamma-BHC...	4.329	3.725	92893785	566.2E6	16.221
4) MA	Heptachlor	4.927	4.077	33583745	216.8E6	5.987
5) MB	Aldrin	5.268	4.363	10269984	68634845	1.897
6) B	beta-BHC	4.516	4.021	35204535	220.9E6	15.695
7) B	delta-BHC	4.764	4.257	73425760	448.3E6	14.181
8) B	Heptachlo...	5.688	4.866	28665595	188.6E6	5.842
9) A	Endosulfan I	6.072	5.241	83264749	529.2E6	18.043
10) B	gamma-Chl...	5.944	5.119	40897167	282.4E6	8.362
11) B	alpha-Chl...	6.025	5.184	32228910	218.1E6	6.547
12) B	4,4'-DDE	6.194	5.368	40328276	312.5E6	9.190
13) MA	Dieldrin	6.345	5.505	35778058	251.1E6	7.308
14) MA	Endrin	6.572	5.782	23280465	174.9E6	5.618
15) B	Endosulfa...	6.784	6.073	60727298	410.3E6	14.391
16) A	4,4'-DDD	6.703	5.922	31061382	261.0E6	8.980
17) MA	4,4'-DDT	7.019	6.176	5429162	44171845	1.425
18) B	Endrin al...	6.913	6.251	51645028	339.7E6	18.013
19) B	Endosulfa...	7.148	6.475	50499551	350.5E6	12.887
20) A	Methoxychlor	7.491	6.745	15119982	107.9E6	7.539
21) B	Endrin ke...	7.628	6.984	46040192	334.1E6	11.109

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090825\
Data File : PD090199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 18:00
Operator : AR\AJ
Sample : Q3015-09DL2 100X
Misc :
ALS Vial : 17 Sample Multiplier: 1

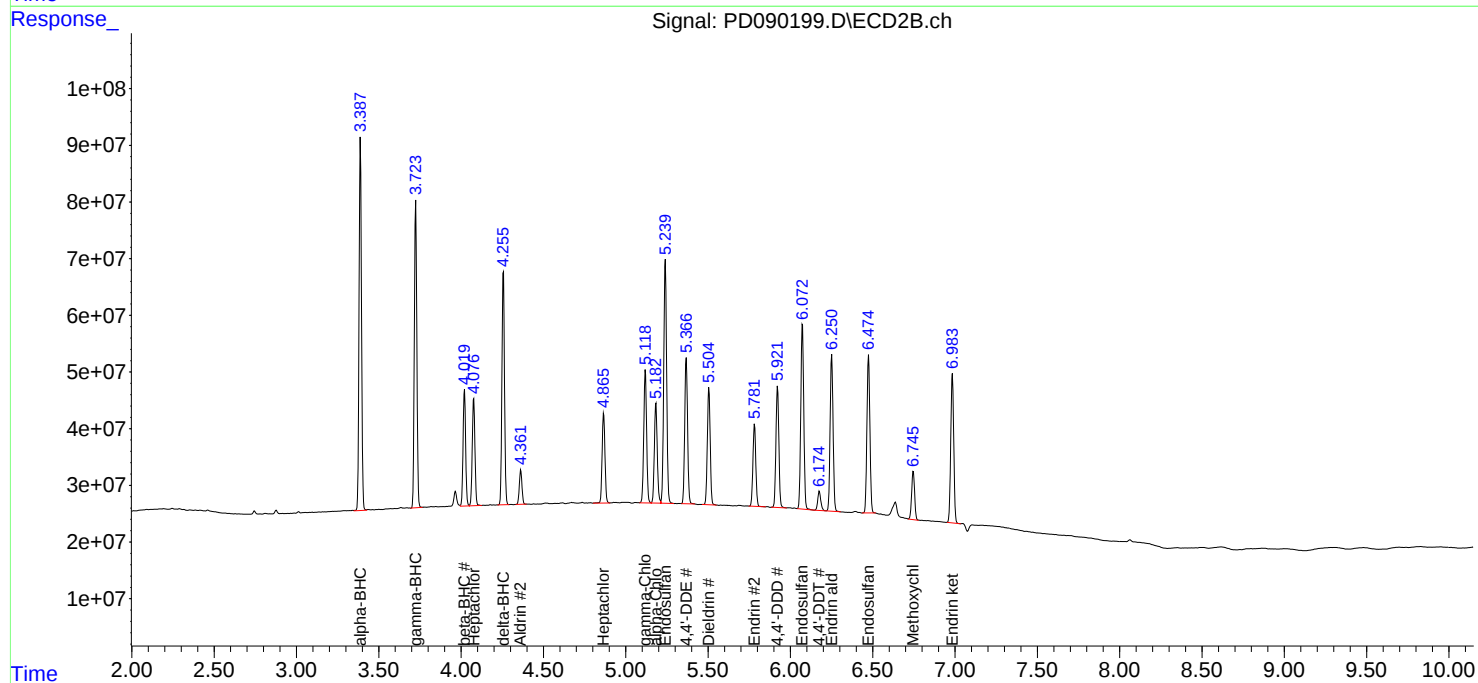
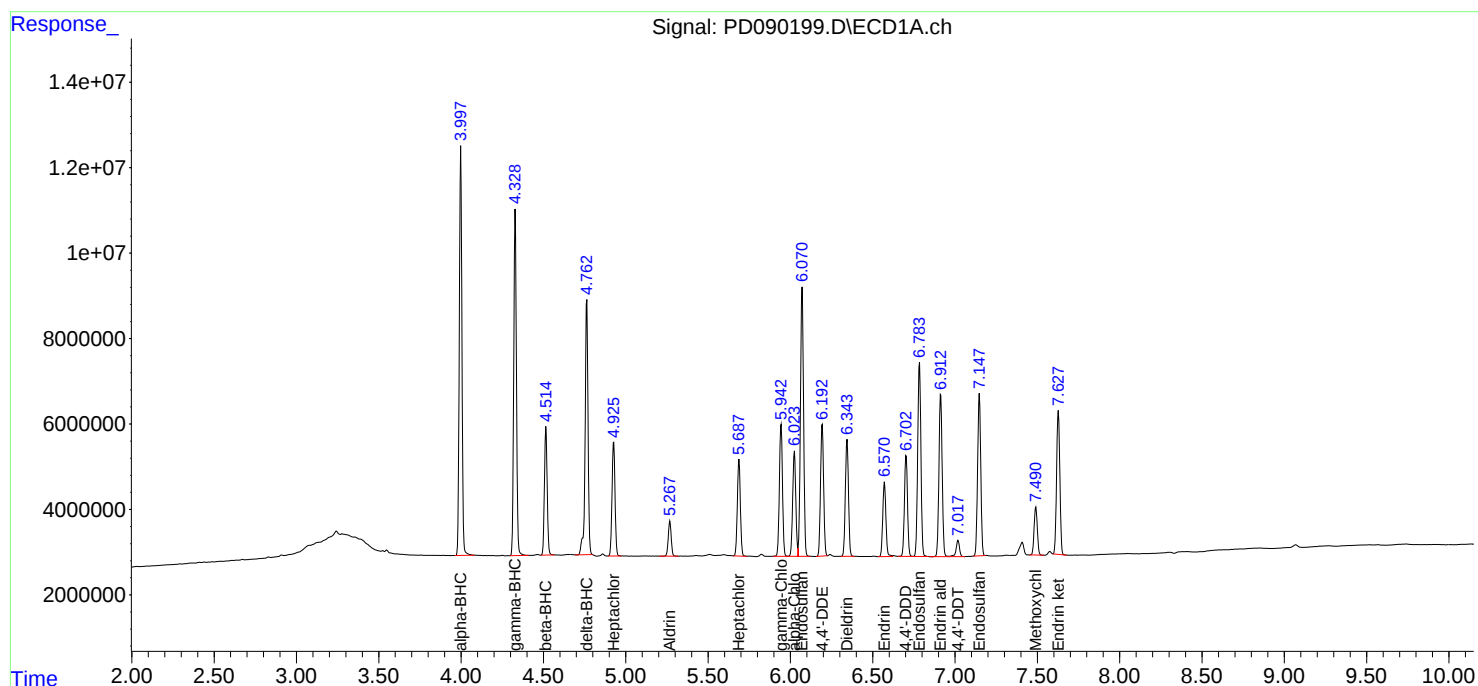
Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL2

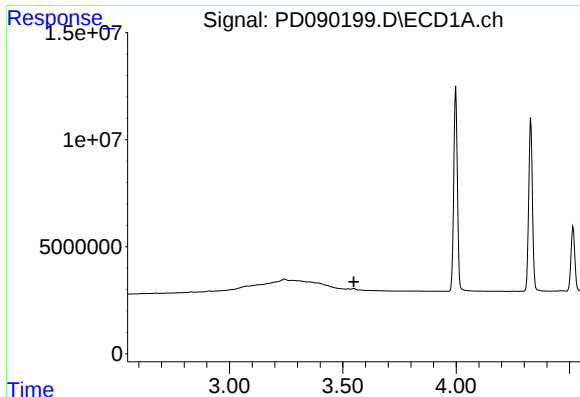
Manual Integrations
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Supervised By :mohammad ahmed 09/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 01:43:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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





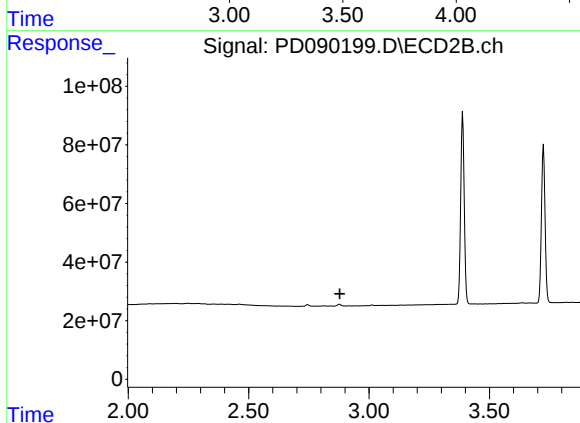
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 3.548 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL2

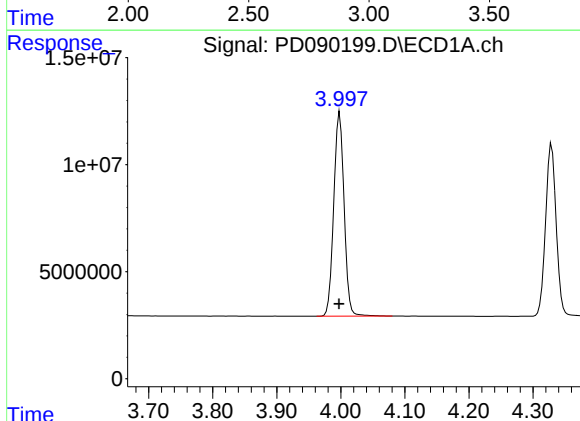
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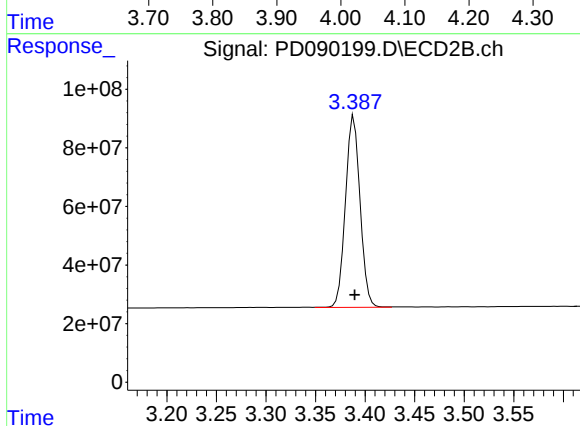
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T.: 2.878 min
Response: 0
Conc: N.D.



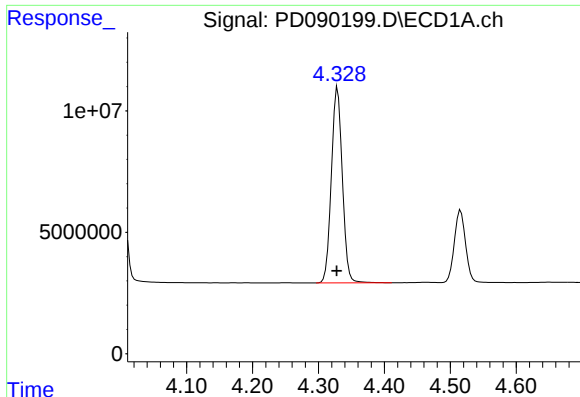
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 107061012
Conc: 17.84 ng/ml



#2 alpha-BHC

R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 670438512
Conc: 19.75 ng/ml



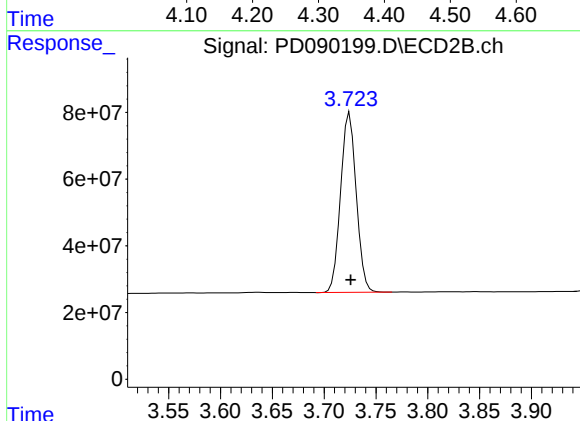
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.001 min
Response: 92893785
Conc: 16.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL2

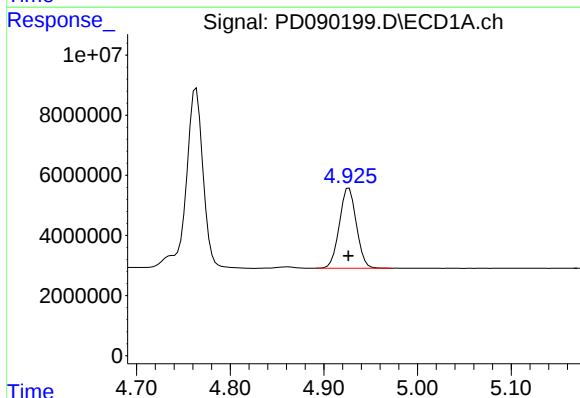
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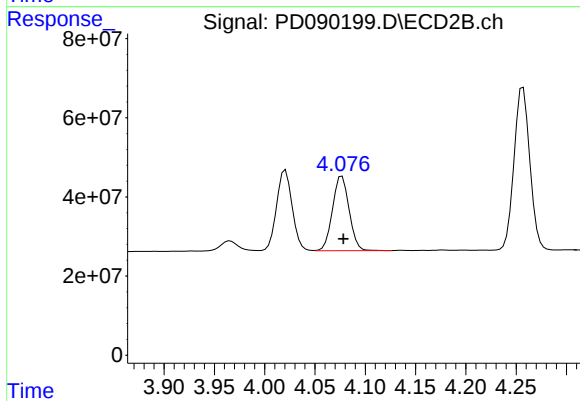
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 566181034
Conc: 18.16 ng/ml



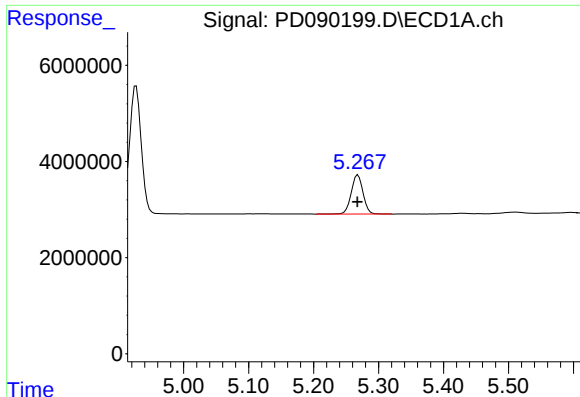
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 33583745
Conc: 5.99 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: -0.001 min
Response: 216790464
Conc: 6.95 ng/ml



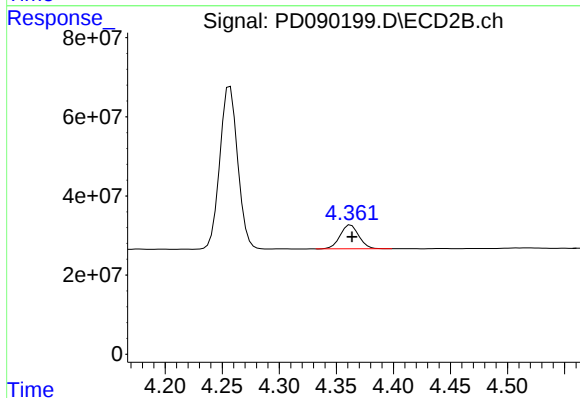
#5 Aldrin

R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 10269984
Conc: 1.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL2

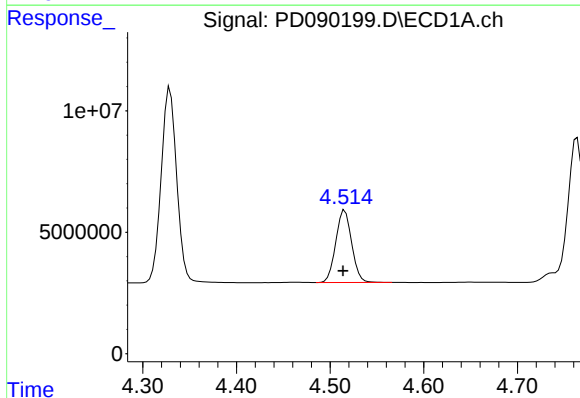
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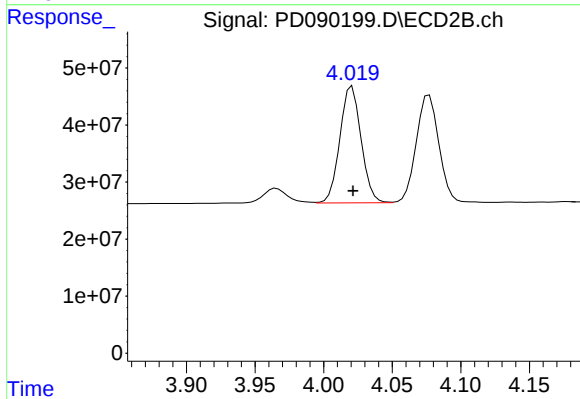
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: -0.001 min
Response: 68634845
Conc: 2.25 ng/ml



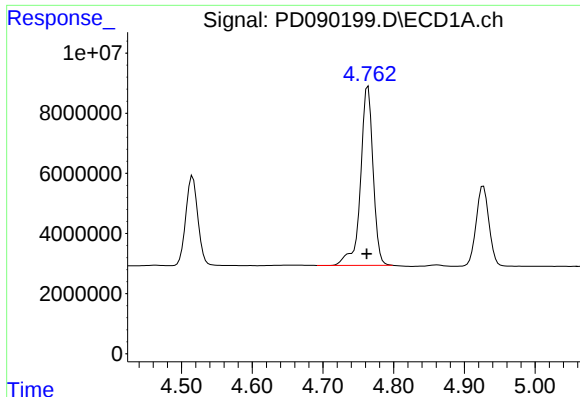
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 35204535
Conc: 15.70 ng/ml



#6 beta-BHC

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 220874726
Conc: 16.57 ng/ml



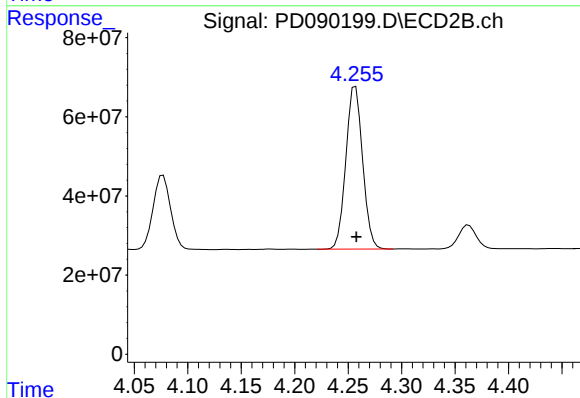
#7 delta-BHC

R.T.: 4.764 min
Delta R.T.: 0.002 min
Response: 73425760
Conc: 14.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL2

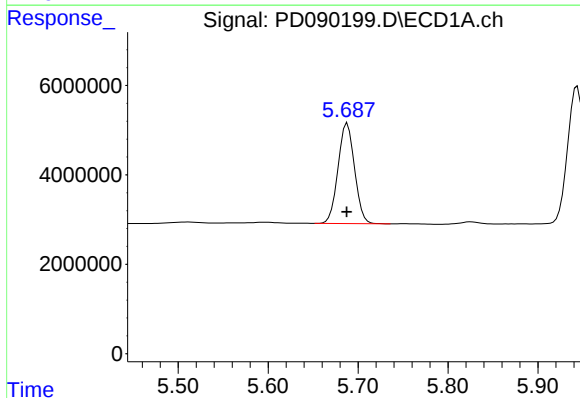
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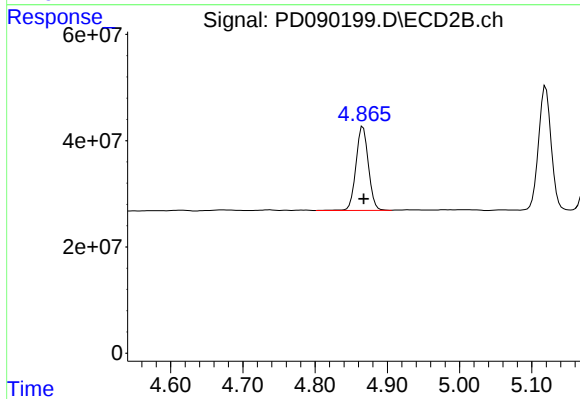
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: 0.000 min
Response: 448322291
Conc: 14.21 ng/ml



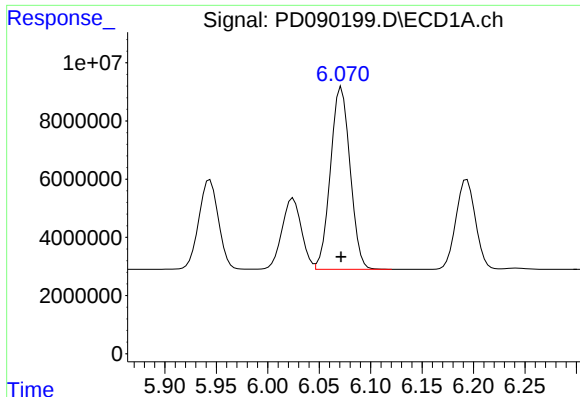
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 28665595
Conc: 5.84 ng/ml



#8 Heptachlor epoxide

R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 188583571
Conc: 6.81 ng/ml



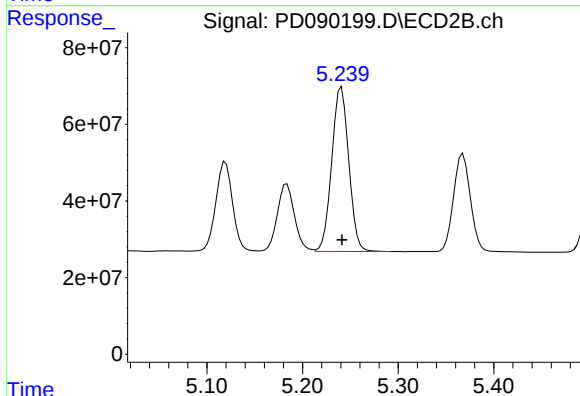
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 83264749
Conc: 18.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL2

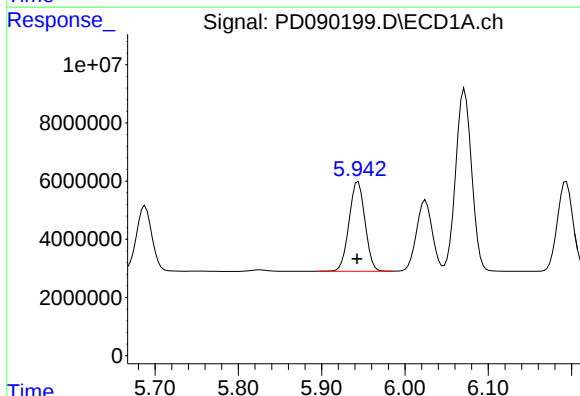
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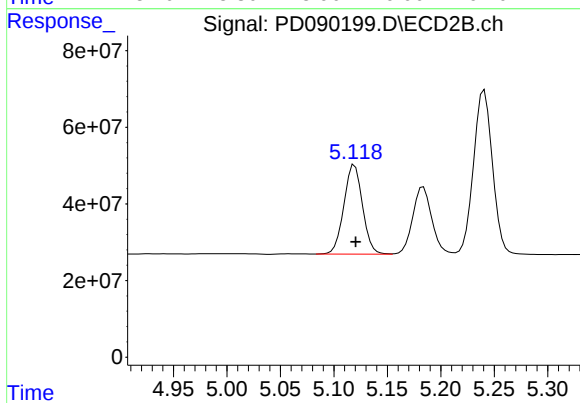
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 529155954
Conc: 20.18 ng/ml



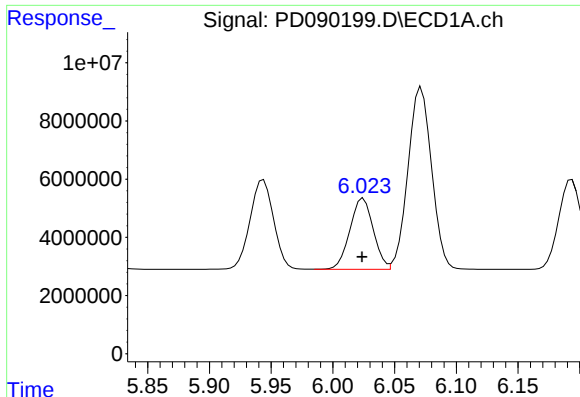
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.001 min
Response: 40897167
Conc: 8.36 ng/ml



#10 gamma-Chlordane

R.T.: 5.119 min
Delta R.T.: 0.000 min
Response: 282411264
Conc: 9.54 ng/ml



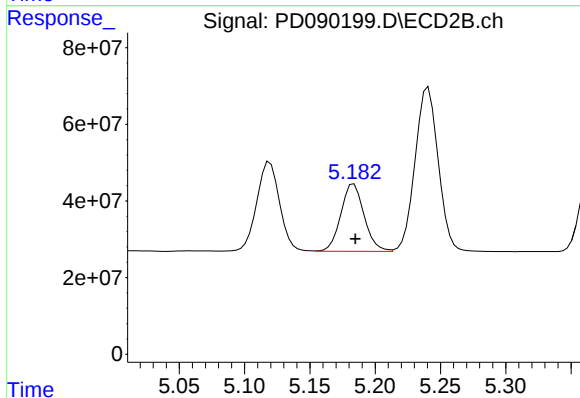
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.001 min
Response: 32228910
Conc: 6.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL2

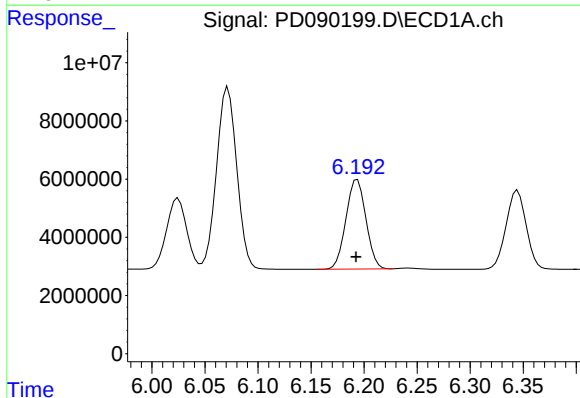
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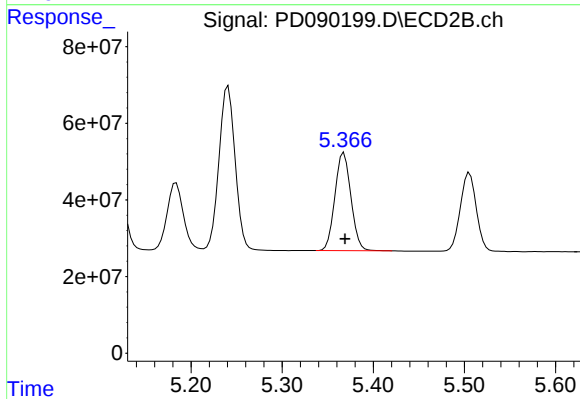
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.001 min
Response: 218084590
Conc: 7.64 ng/ml



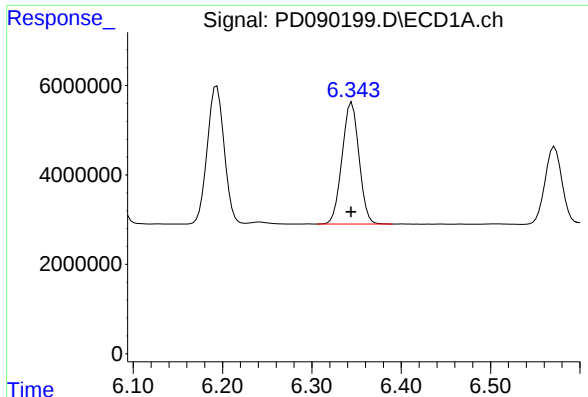
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.001 min
Response: 40328276
Conc: 9.19 ng/ml



#12 4,4'-DDE

R.T.: 5.368 min
Delta R.T.: -0.001 min
Response: 312497915
Conc: 10.84 ng/ml



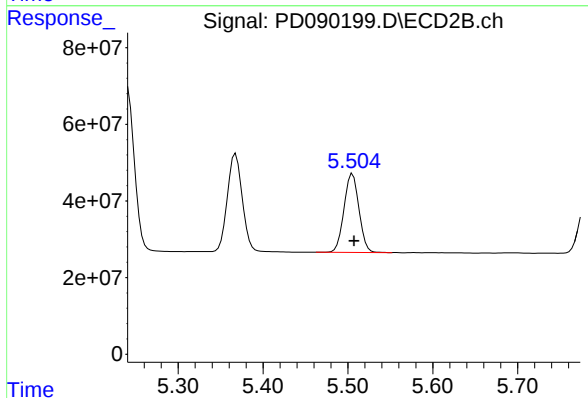
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 35778058
Conc: 7.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL2

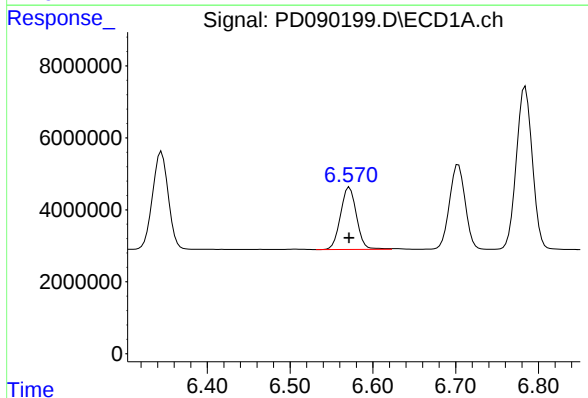
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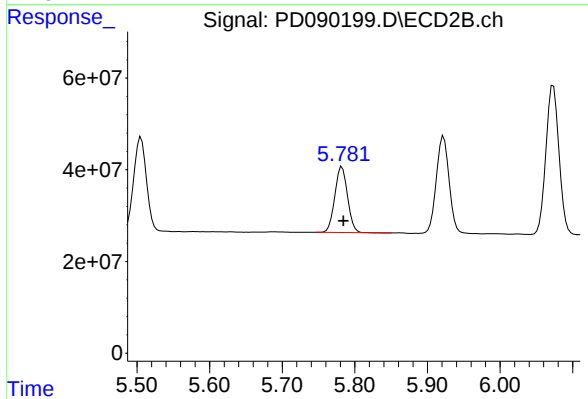
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 251061124
Conc: 8.57 ng/ml



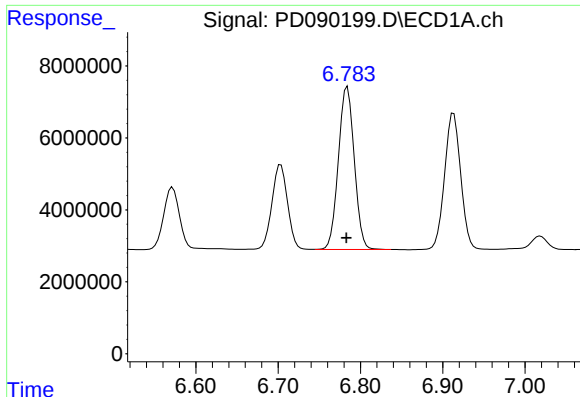
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 23280465
Conc: 5.62 ng/ml



#14 Endrin

R.T.: 5.782 min
Delta R.T.: -0.002 min
Response: 174851010
Conc: 6.57 ng/ml



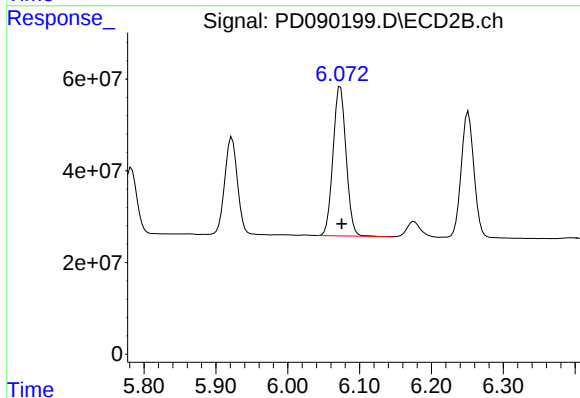
#15 Endosulfan II

R.T.: 6.784 min
Delta R.T.: 0.001 min
Response: 60727298
Conc: 14.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL2

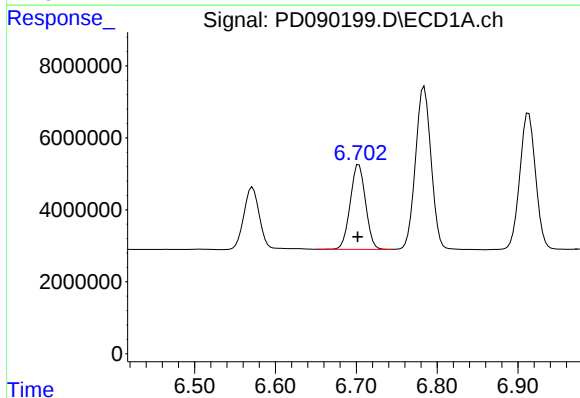
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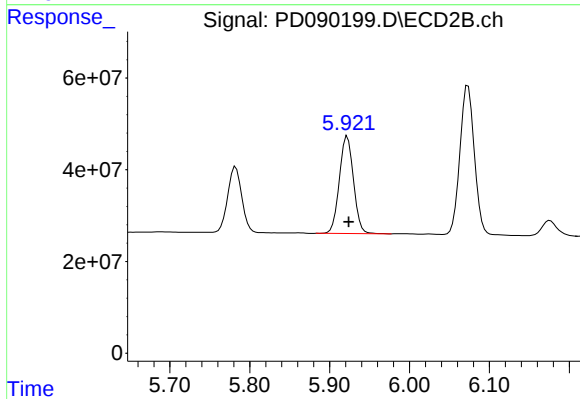
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 410292164
Conc: 16.22 ng/ml



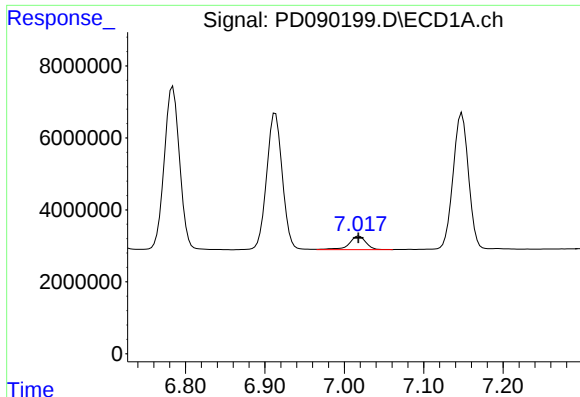
#16 4,4'-DDD

R.T.: 6.703 min
Delta R.T.: 0.001 min
Response: 31061382
Conc: 8.98 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 260952134
Conc: 10.85 ng/ml



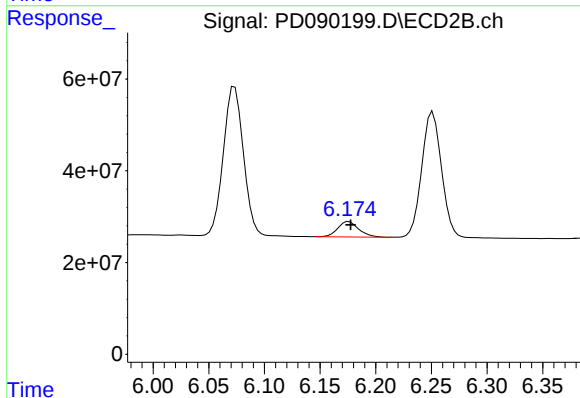
#17 4,4'-DDT

R.T.: 7.019 min
Delta R.T.: 0.000 min
Response: 5429162
Conc: 1.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL2

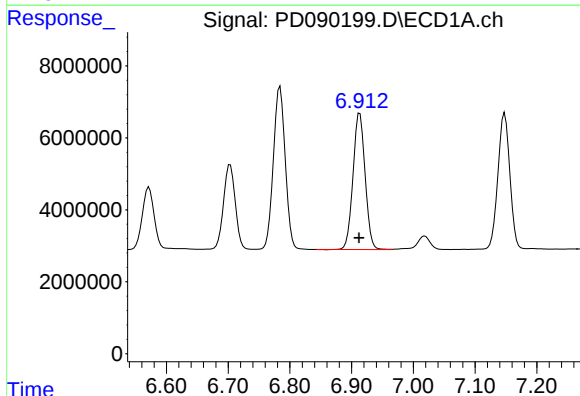
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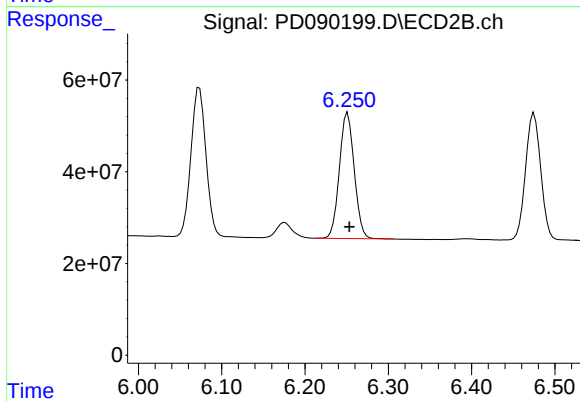
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 44171845
Conc: 1.76 ng/ml



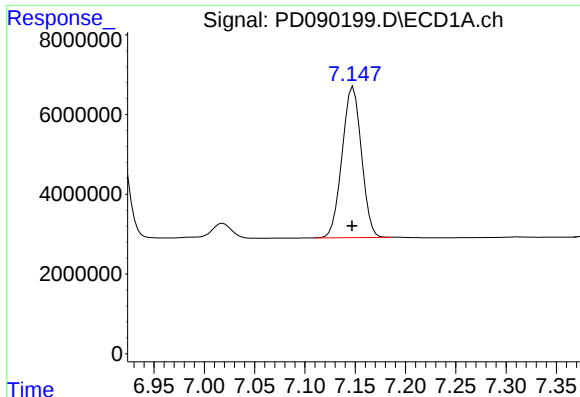
#18 Endrin aldehyde

R.T.: 6.913 min
Delta R.T.: 0.001 min
Response: 51645028
Conc: 18.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: -0.002 min
Response: 339673614
Conc: 19.73 ng/ml



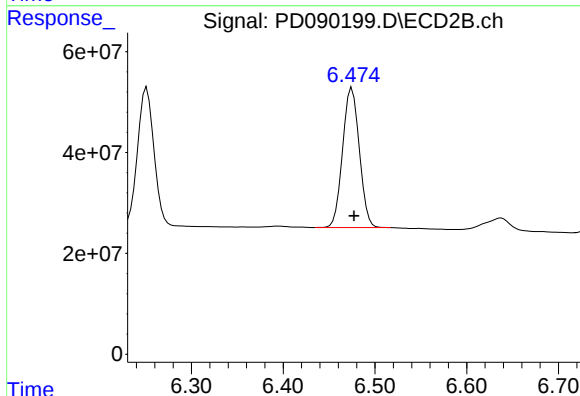
#19 Endosulfan Sulfate

R.T.: 7.148 min
Delta R.T.: 0.001 min
Response: 50499551
Conc: 12.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL2

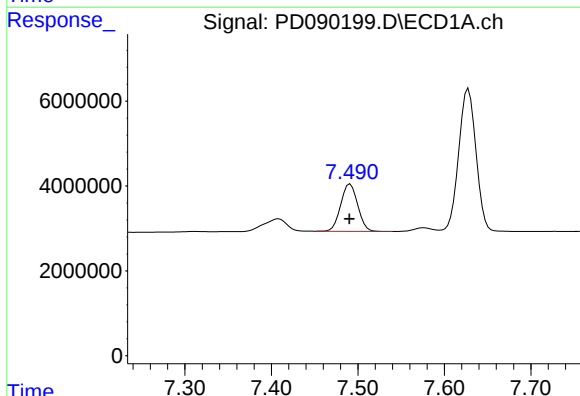
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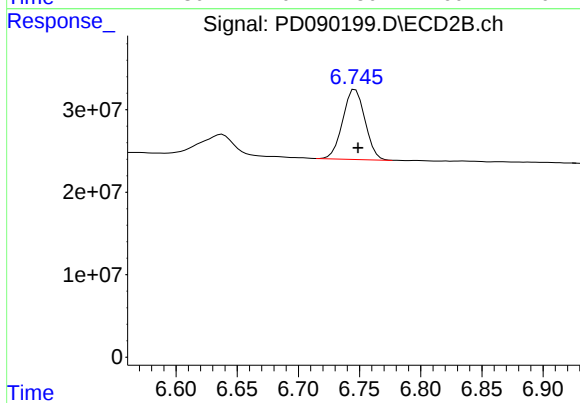
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 350494465
Conc: 14.38 ng/ml



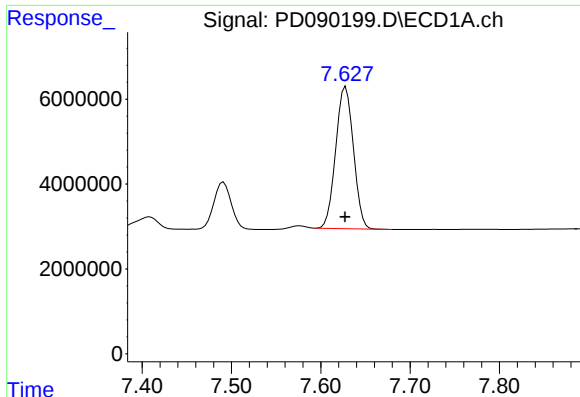
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 15119982
Conc: 7.54 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: -0.004 min
Response: 107943092
Conc: 8.37 ng/ml m



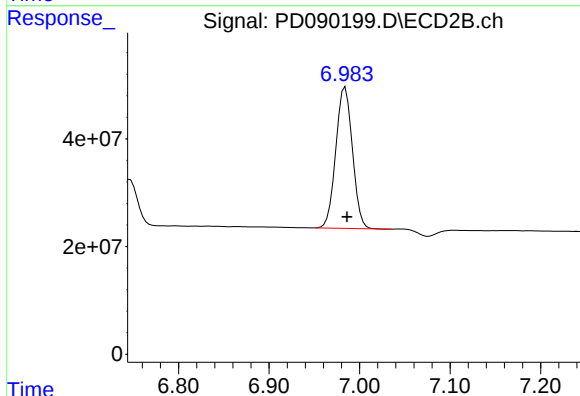
#21 Endrin ketone

R.T.: 7.628 min
Delta R.T.: 0.000 min
Response: 46040192
Conc: 11.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
WP0925-PT-PEST-WPDL2

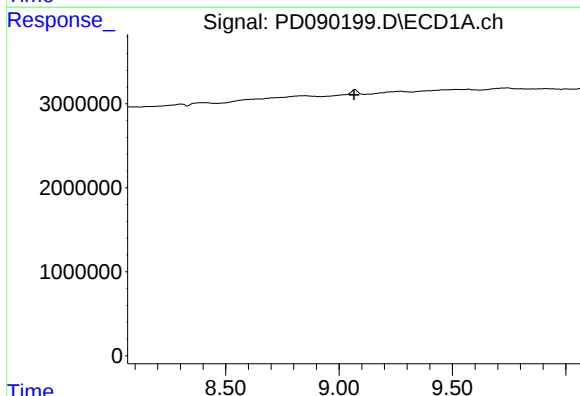
Manual Integrations
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Reviewed By :Abdul Mirza 09/09/2025
Supervised By :mohammad ahmed 09/10/2025



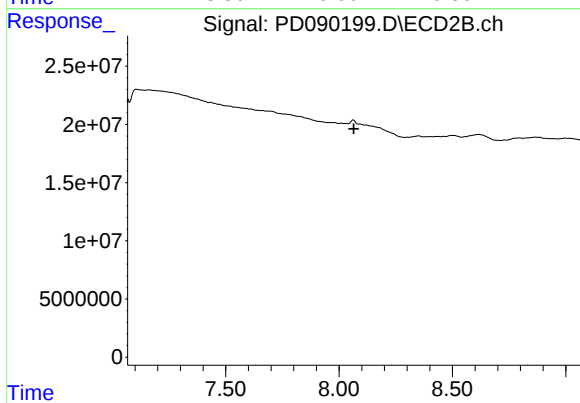
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.002 min
Response: 334096687
Conc: 12.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 9.067 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 8.065 min
Response: 0
Conc: N.D.