

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090682.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 23:43
 Operator : AR\AJ
 Sample : Q3363-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PR132-SO3-010013-20251015MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/21/2025
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 02:33:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.543	2.875	40355759	408.0E6	12.959m	13.701
28)	SA Decachlor...	9.066	8.062	59203025	292.6E6	12.656	9.659
Target Compounds							
2)	A alpha-BHC	3.994	3.386	321.9E6	2035.2E6	44.845	39.830
3)	MA gamma-BHC...	4.325	3.722	300.4E6	1861.6E6	44.187	39.400
4)	MA Heptachlor	4.923	4.074	239.8E6	1813.8E6	42.901	40.666
5)	MB Aldrin	5.264	4.360	293.1E6	1810.2E6	44.773	39.081
6)	B beta-BHC	4.512	4.017	101.0E6	759.6E6	38.573	38.306m
7)	B delta-BHC	4.760	4.255	304.1E6	1891.2E6	44.972	39.634
8)	B Heptachlo...	5.684	4.863	250.6E6	1701.5E6	43.287	39.904m
9)	A Endosulfan I	6.068	5.239	235.9E6	1364.6E6	42.599	34.643
10)	B gamma-Chl...	5.940	5.116	248.9E6	1809.3E6	41.963	40.252
11)	B alpha-Chl...	6.020	5.181	254.6E6	1685.2E6	41.196	39.065
12)	B 4,4'-DDE	6.190	5.366	208.8E6	1569.9E6	39.199	35.810
13)	MA Dieldrin	6.341	5.503	245.1E6	1732.5E6	42.023	39.210
14)	MA Endrin	6.568	5.780	213.5E6	1537.2E6	43.096	37.961
15)	B Endosulfa...	6.781	6.070	207.1E6	1400.7E6	41.419	37.297m
16)	A 4,4'-DDD	6.700	5.921	169.4E6	1245.2E6	41.789	34.174
17)	MA 4,4'-DDT	7.015	6.174	172.3E6	1297.4E6	41.912	36.991
18)	B Endrin al...	6.910	6.250	153.2E6	1009.9E6	41.827	36.468
19)	B Endosulfa...	7.144	6.474	188.7E6	1296.6E6	40.692	36.174
20)	A Methoxychlor	7.488	6.745	88514245	637.2E6	41.642	36.560
21)	B Endrin ke...	7.625	6.983	201.9E6	1267.6E6	41.558	33.608
22)	Mirex	8.106	7.175	126.0E6	842.3E6	39.380m	32.787

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

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Data File : PD090682.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 23:43
Operator : AR\AJ
Sample : Q3363-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

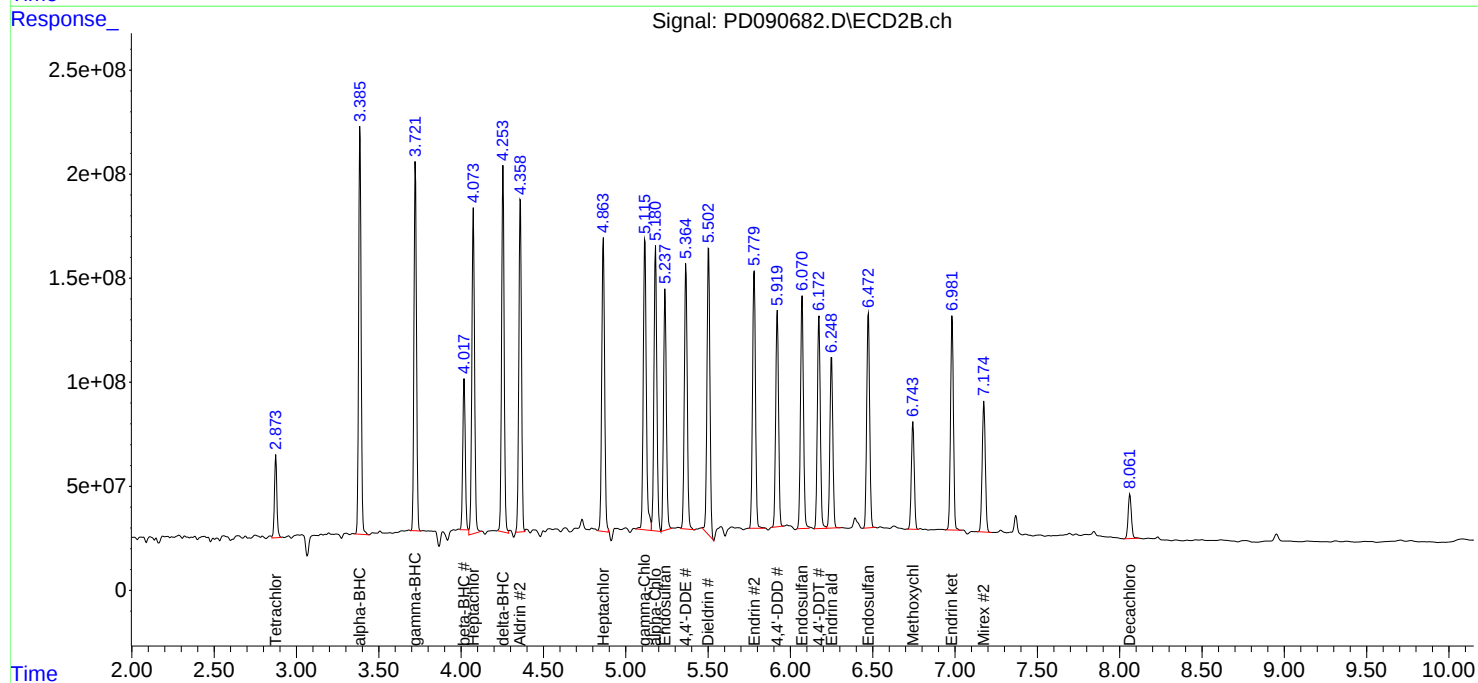
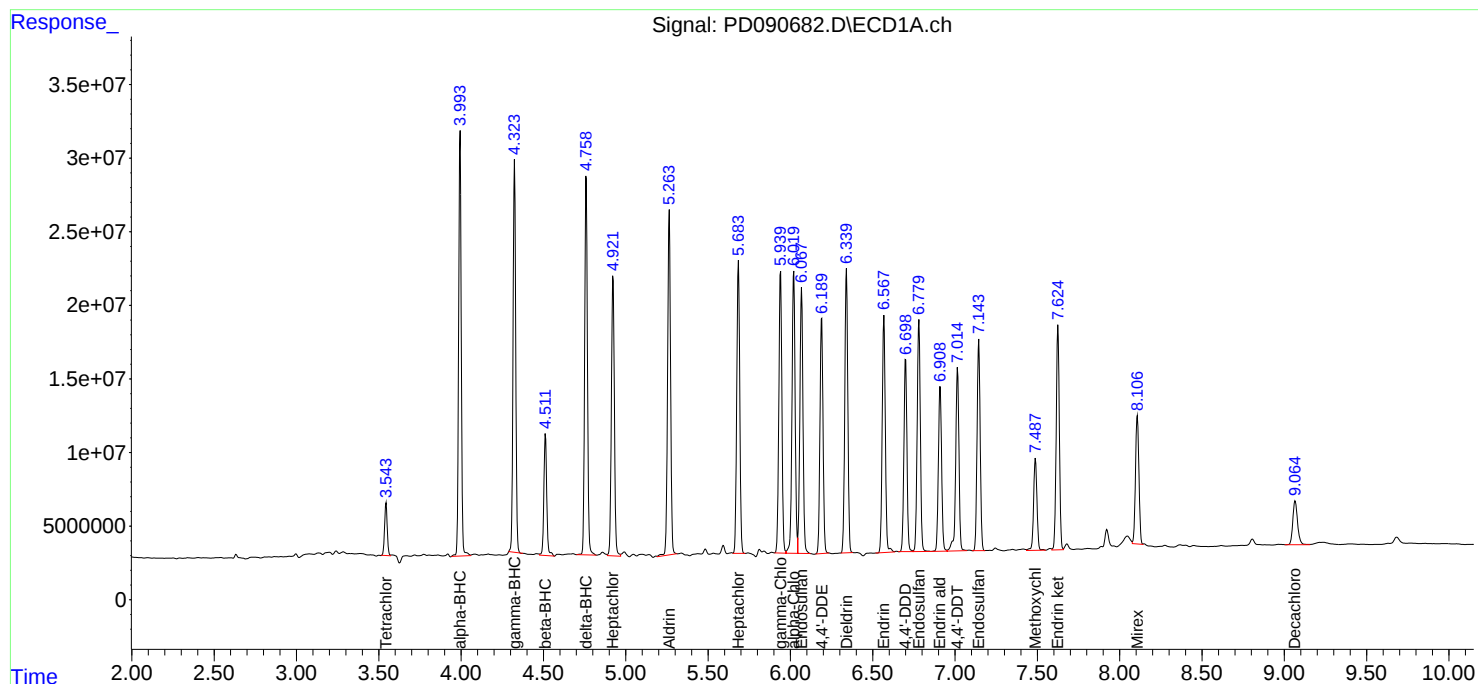
Instrument :
ECD_D
ClientSampleId :
PR132-SO3-010013-20251015MS

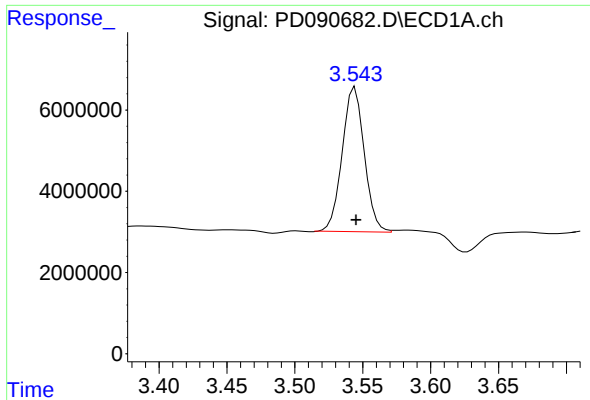
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 02:33:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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





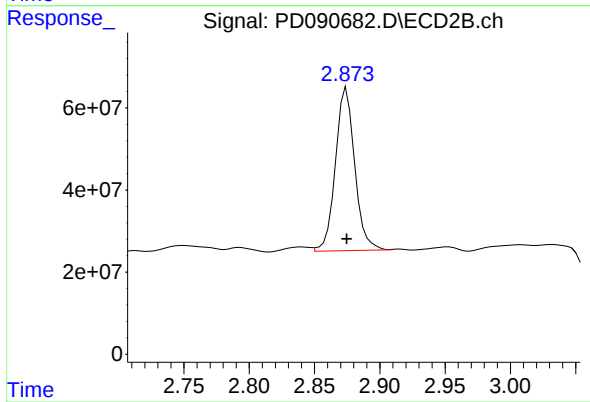
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.002 min
Response: 40355759
Conc: 12.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PR132-SO3-010013-20251015MS

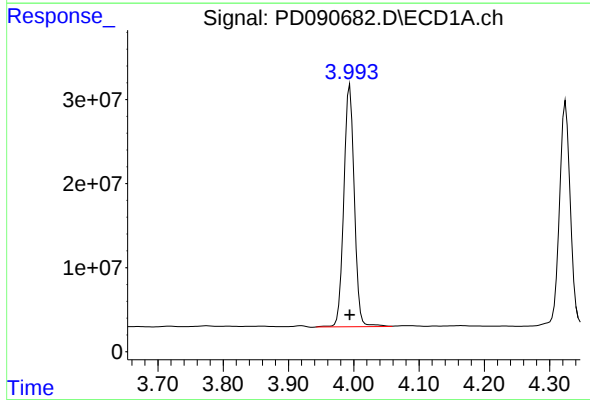
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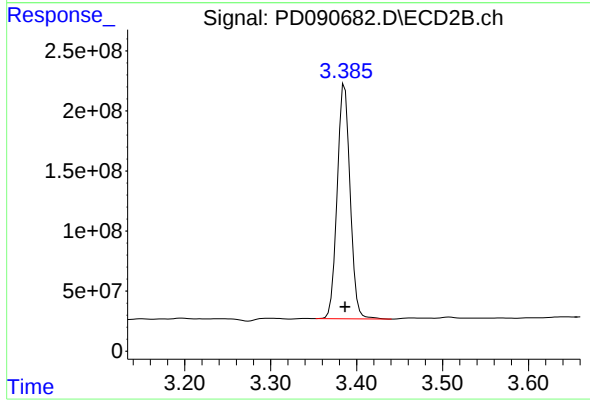
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: 0.000 min
Response: 407985494
Conc: 13.70 ng/ml



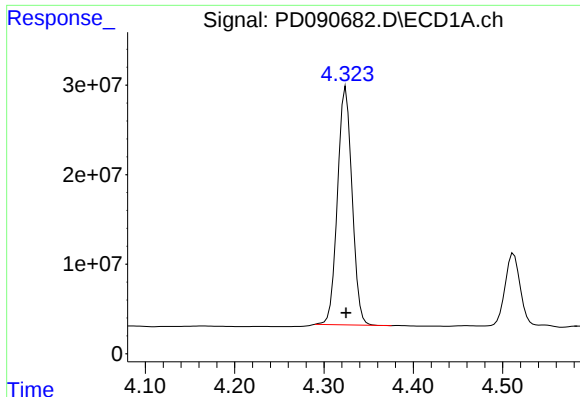
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 321856084
Conc: 44.84 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 2035157045
Conc: 39.83 ng/ml



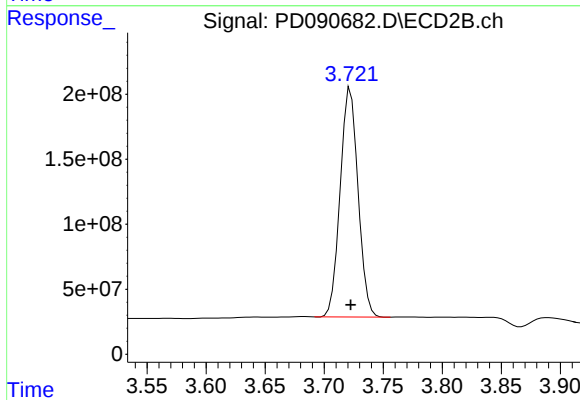
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.000 min
Response: 300418994
Conc: 44.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PR132-SO3-010013-20251015MS

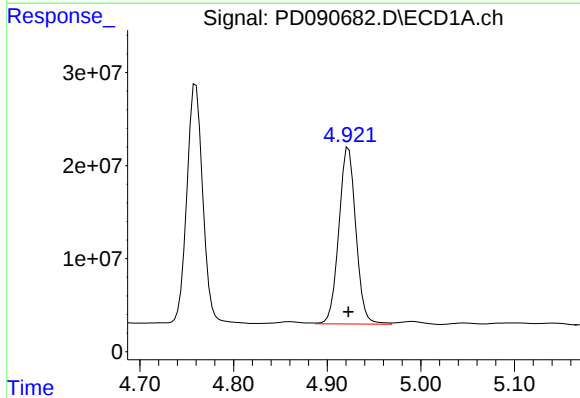
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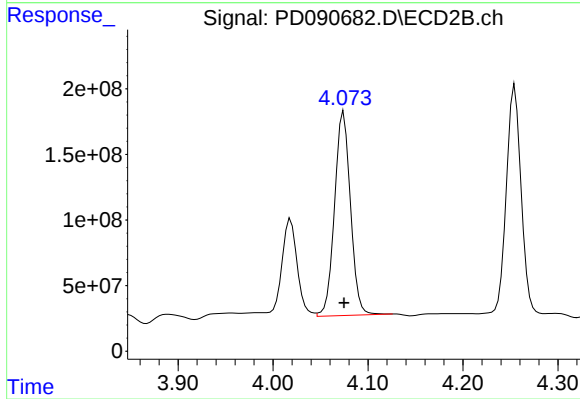
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 1861605360
Conc: 39.40 ng/ml



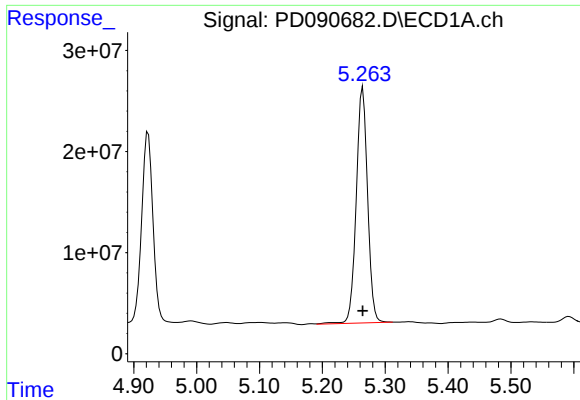
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: 0.000 min
Response: 239796224
Conc: 42.90 ng/ml



#4 Heptachlor

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 1813827920
Conc: 40.67 ng/ml



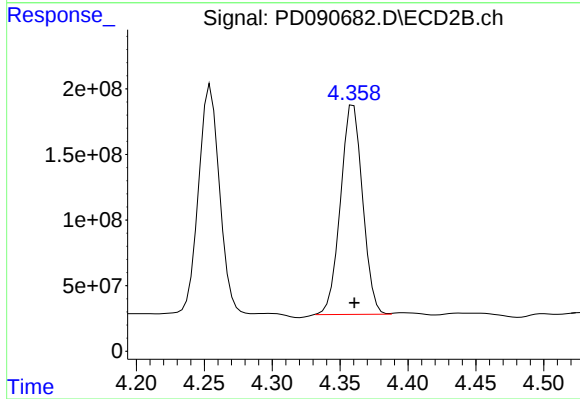
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 293138835
Conc: 44.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
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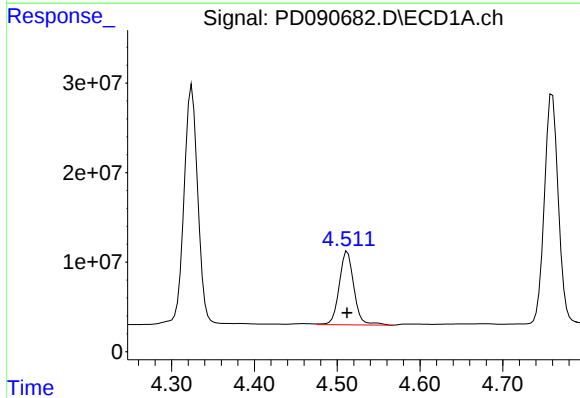
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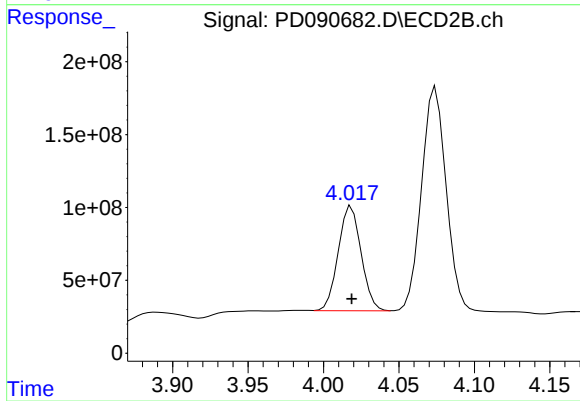
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 1810176572
Conc: 39.08 ng/ml



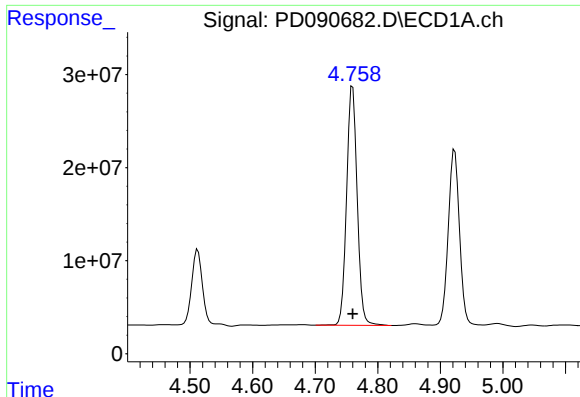
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 101047794
Conc: 38.57 ng/ml



#6 beta-BHC

R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 759594568
Conc: 38.31 ng/ml m



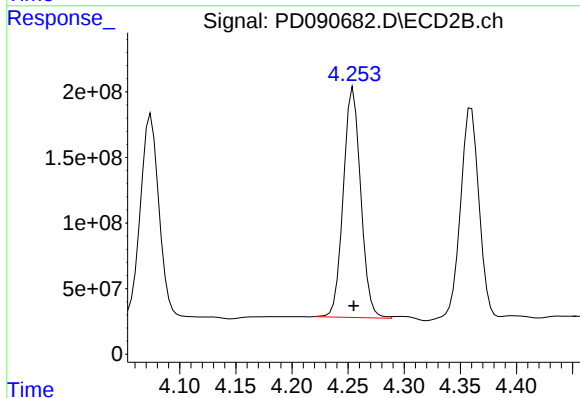
#7 delta-BHC

R.T.: 4.760 min
Delta R.T.: 0.000 min
Response: 304088622
Conc: 44.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PR132-SO3-010013-20251015MS

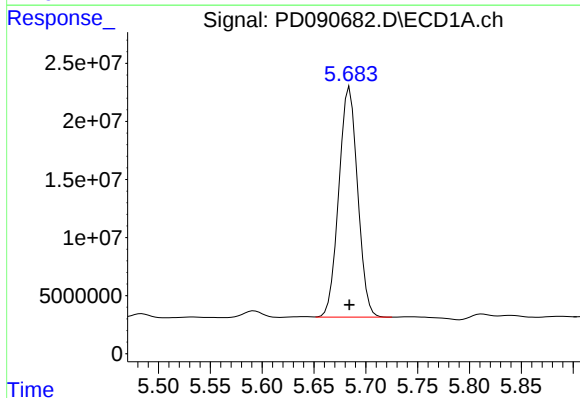
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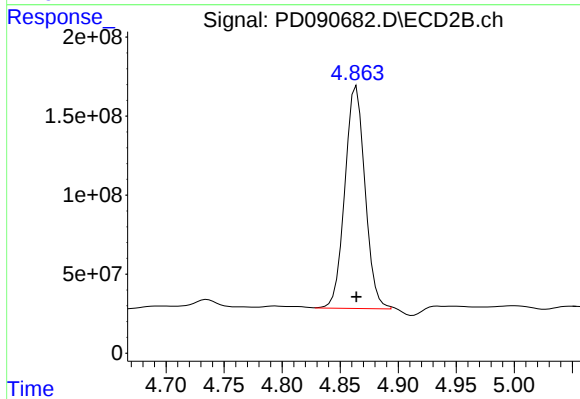
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 1891196954
Conc: 39.63 ng/ml



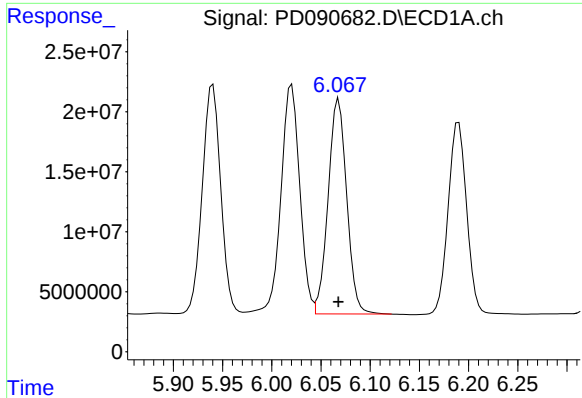
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 250590453
Conc: 43.29 ng/ml



#8 Heptachlor epoxide

R.T.: 4.863 min
Delta R.T.: -0.001 min
Response: 1701482894
Conc: 39.90 ng/ml m



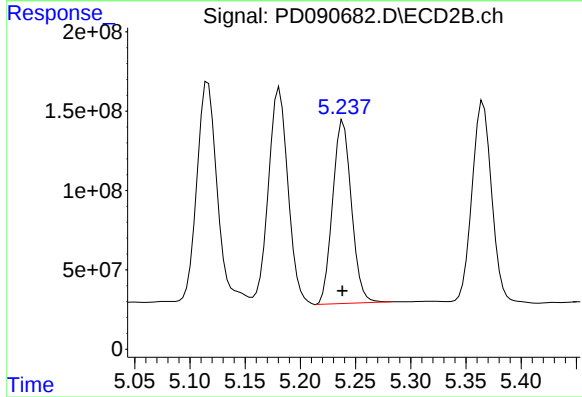
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 235855871
Conc: 42.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
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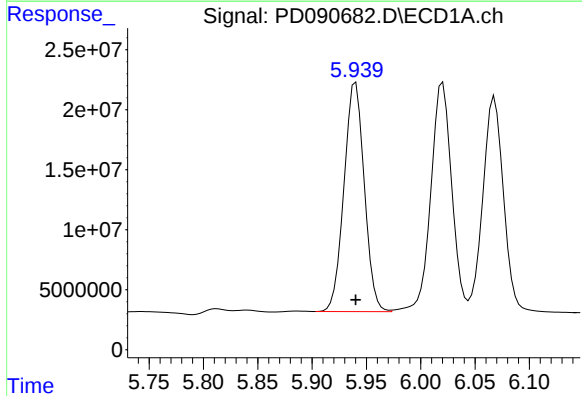
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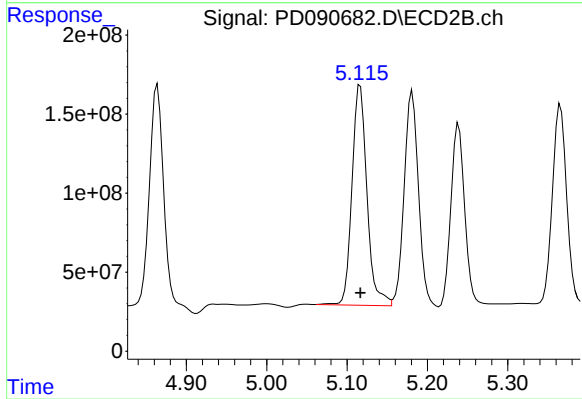
#9 Endosulfan I

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 1364583597
Conc: 34.64 ng/ml



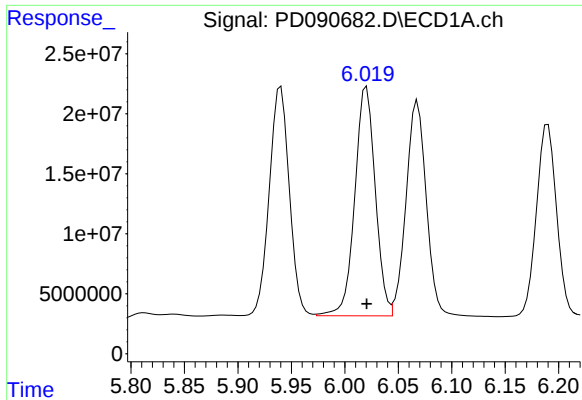
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 248890004
Conc: 41.96 ng/ml



#10 gamma-Chlordane

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 1809288107
Conc: 40.25 ng/ml



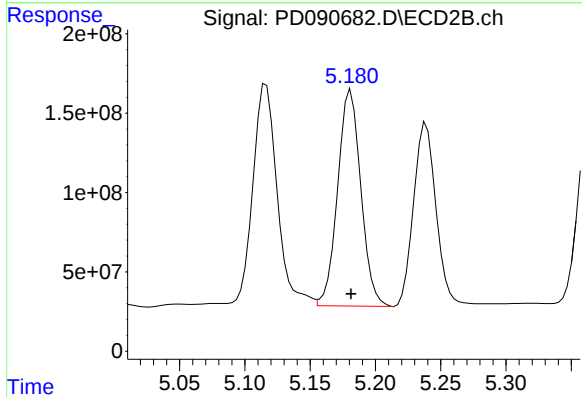
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 254599978
Conc: 41.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
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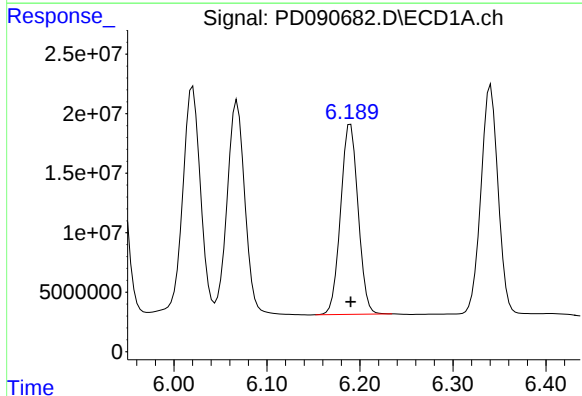
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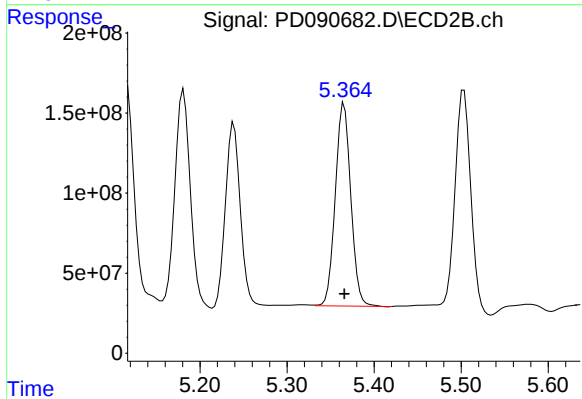
#11 alpha-Chlordane

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 1685166630
Conc: 39.06 ng/ml



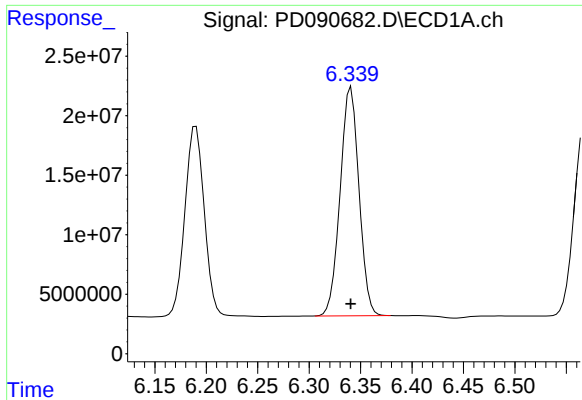
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 208797473
Conc: 39.20 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 1569867061
Conc: 35.81 ng/ml



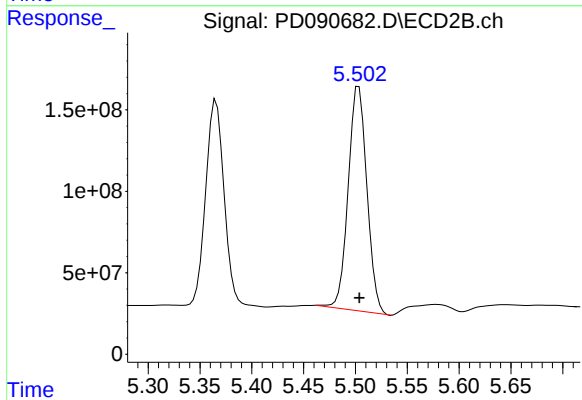
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 245052298
Conc: 42.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
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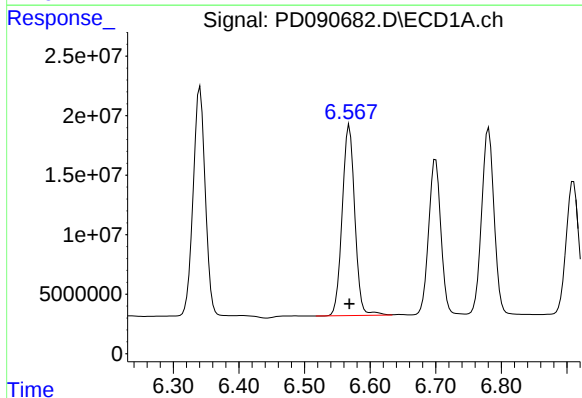
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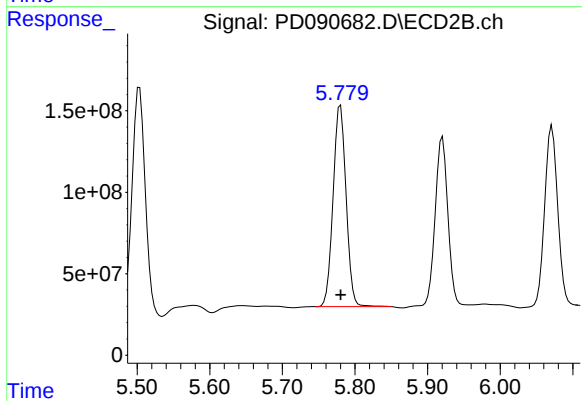
#13 Dieldrin

R.T.: 5.503 min
Delta R.T.: 0.000 min
Response: 1732466558
Conc: 39.21 ng/ml



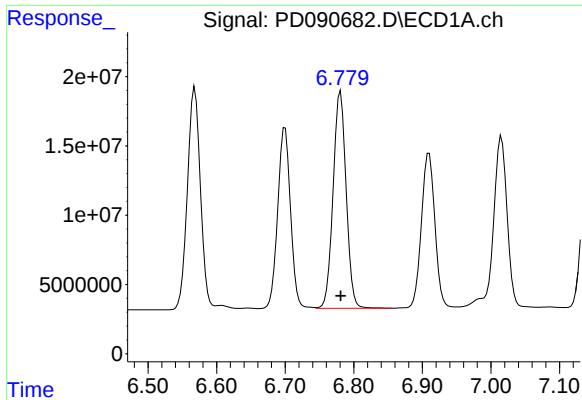
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 213484245
Conc: 43.10 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 1537198731
Conc: 37.96 ng/ml



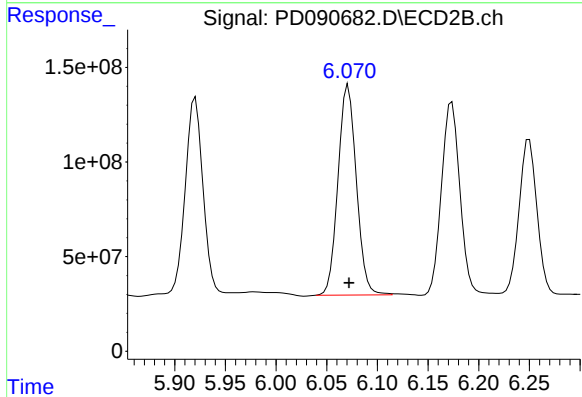
#15 Endosulfan II

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 207092477
Conc: 41.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
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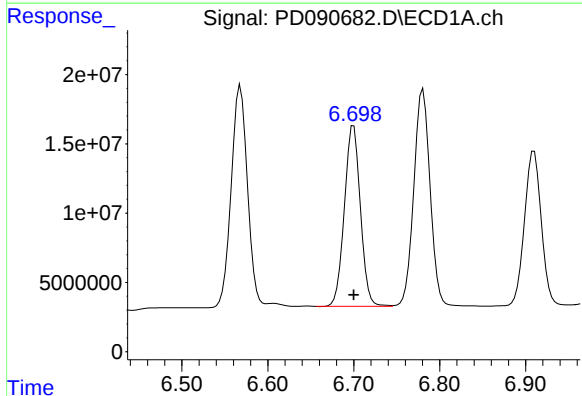
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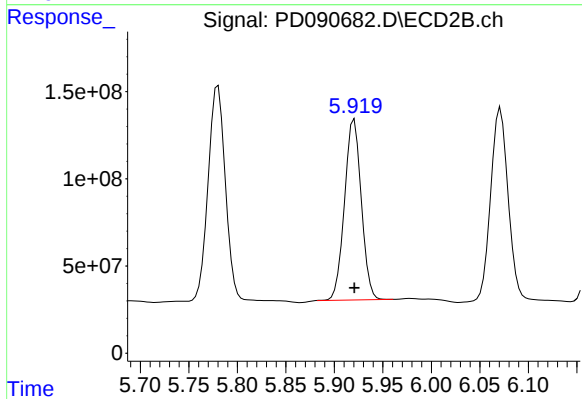
#15 Endosulfan II

R.T.: 6.070 min
Delta R.T.: -0.002 min
Response: 1400714599
Conc: 37.30 ng/ml m



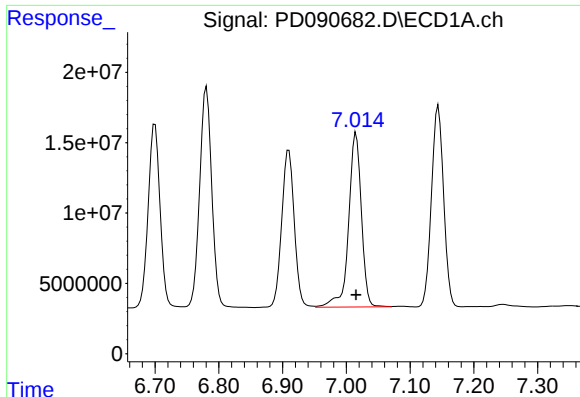
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 169420152
Conc: 41.79 ng/ml



#16 4,4'-DDD

R.T.: 5.921 min
Delta R.T.: 0.000 min
Response: 1245223566
Conc: 34.17 ng/ml



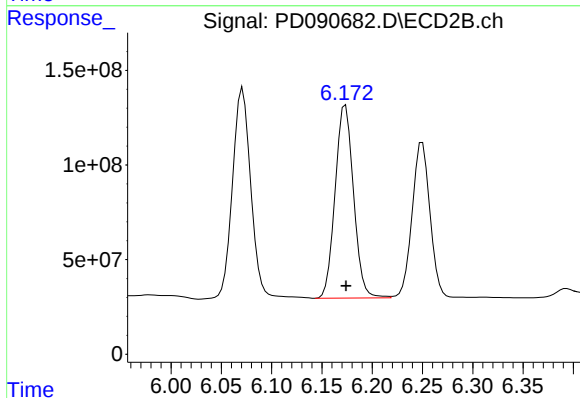
#17 4,4'-DDT

R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 172277888
Conc: 41.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PR132-SO3-010013-20251015MS

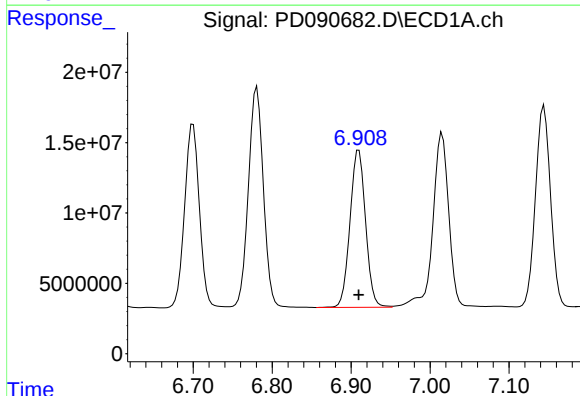
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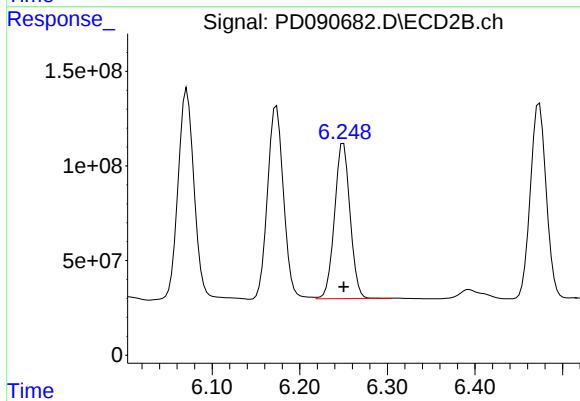
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 1297377661
Conc: 36.99 ng/ml



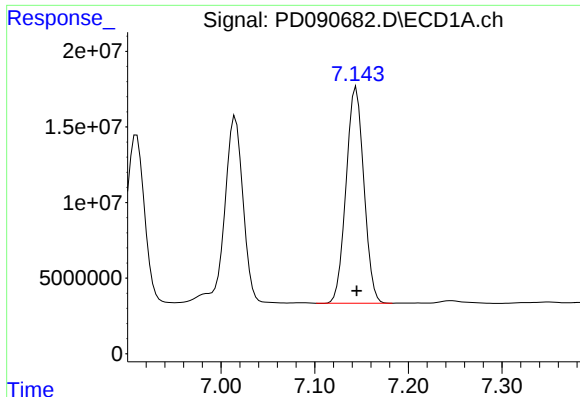
#18 Endrin aldehyde

R.T.: 6.910 min
Delta R.T.: 0.000 min
Response: 153199665
Conc: 41.83 ng/ml



#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 1009891427
Conc: 36.47 ng/ml



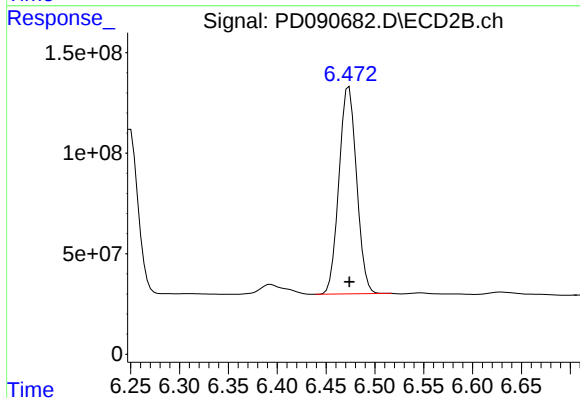
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: 0.000 min
Response: 188739099
Conc: 40.69 ng/ml

Instrument :
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ClientSampleId :
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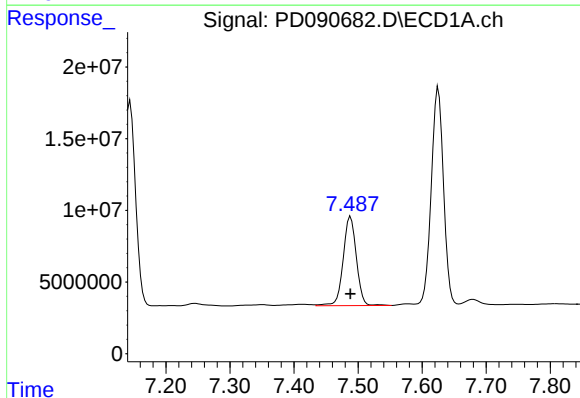
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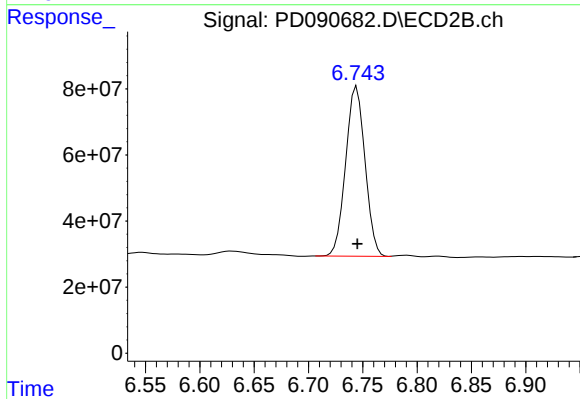
#19 Endosulfan Sulfate

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 1296640213
Conc: 36.17 ng/ml



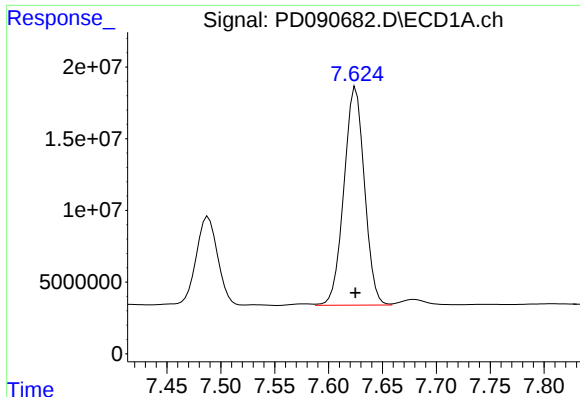
#20 Methoxychlor

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 88514245
Conc: 41.64 ng/ml



#20 Methoxychlor

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 637167640
Conc: 36.56 ng/ml



#21 Endrin ketone

R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 201921711
Conc: 41.56 ng/ml

Instrument :

ECD_D

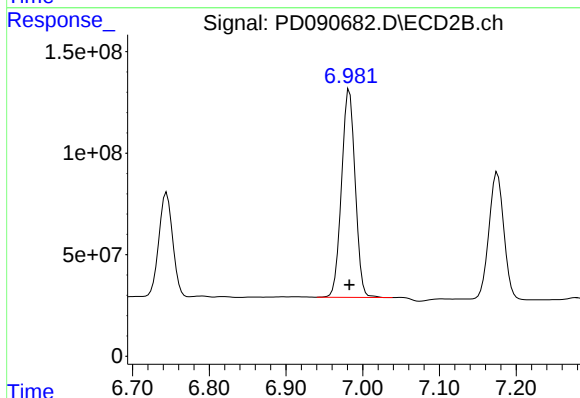
ClientSampleId :

PR132-SO3-010013-20251015MS

Manual Integrations

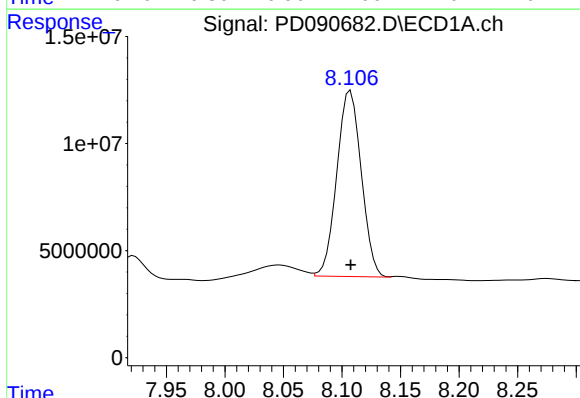
APPROVED

Reviewed By :Abdul Mirza 10/21/2025
Supervised By :mohammad ahmed 10/24/2025



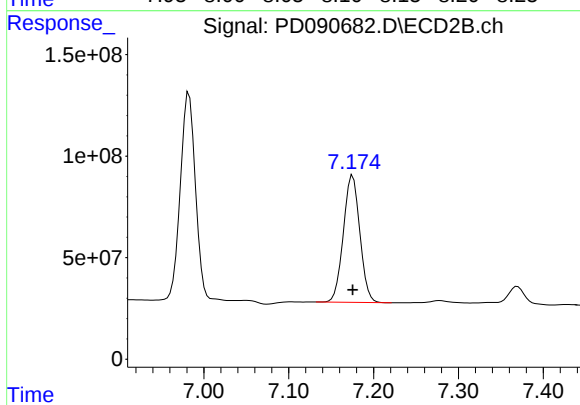
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 1267609134
Conc: 33.61 ng/ml



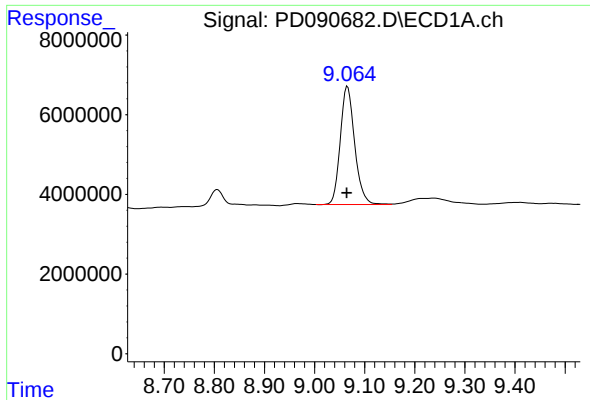
#22 Mirex

R.T.: 8.106 min
Delta R.T.: -0.002 min
Response: 126048619
Conc: 39.38 ng/ml m



#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 842317051
Conc: 32.79 ng/ml



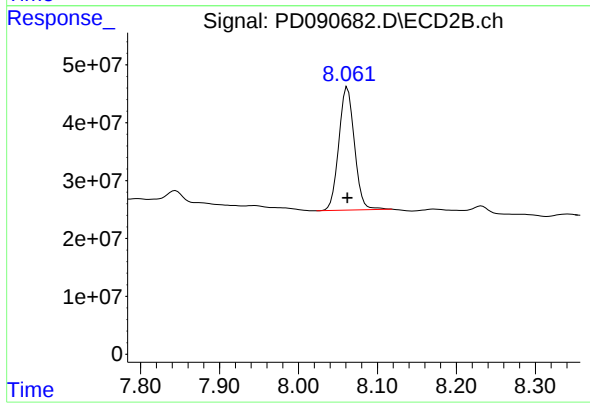
#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 59203025
Conc: 12.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PR132-SO3-010013-20251015MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/21/2025
Supervised By :mohammad ahmed 10/24/2025



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 292594483
Conc: 9.66 ng/ml