

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091625\
 Data File : PD090295.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2025 14:23
 Operator : AR\AJ
 Sample : Q3091-08MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 12/9B-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/17/2025
 Supervised By :mohammad ahmed 09/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 02:47:43 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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.545	2.875	48097515	453.1E6	16.388m	20.550m#
28)	SA Decachlor...	9.067	8.063	81733132	535.1E6	18.937	20.672
Target Compounds							
2)	A alpha-BHC	3.996	3.386	275.6E6	1740.7E6	45.920	51.290m
3)	MA gamma-BHC...	4.325	3.724	256.4E6	1597.9E6	44.779m	51.262
4)	MA Heptachlor	4.925	4.077	259.6E6	1595.8E6	46.283	51.161
5)	MB Aldrin	5.265	4.362	246.9E6	1576.7E6	45.602m	51.770
6)	B beta-BHC	4.513	4.020	97937934	682.0E6	43.663	51.161
7)	B delta-BHC	4.761	4.256	258.6E6	1589.5E6	49.949	50.382
8)	B Heptachlo...	5.686	4.865	222.5E6	1422.6E6	45.353	51.368
9)	A Endosulfan I	6.070	5.240	205.5E6	1350.6E6	44.526	51.505
10)	B gamma-Chl...	5.941	5.117	220.3E6	1529.6E6	45.033	51.656m
11)	B alpha-Chl...	6.021	5.183	222.0E6	1477.1E6	45.109m	51.760
12)	B 4,4'-DDE	6.192	5.367	205.1E6	1524.0E6	46.749	52.876
13)	MA Dieldrin	6.341	5.505	225.0E6	1516.6E6	45.955m	51.783
14)	MA Endrin	6.569	5.782	192.2E6	1382.3E6	46.382m	51.905
15)	B Endosulfa...	6.782	6.073	192.1E6	1317.0E6	45.529	52.067
16)	A 4,4'-DDD	6.702	5.922	157.4E6	1198.6E6	45.502	49.851
17)	MA 4,4'-DDT	7.016	6.176	168.3E6	1349.1E6	44.178m	53.814
18)	B Endrin al...	6.912	6.252	138.1E6	966.1E6	48.162	56.106
19)	B Endosulfa...	7.144	6.475	173.8E6	1252.9E6	44.349m	51.393
20)	A Methoxychlor	7.490	6.746	89398136	664.9E6	44.574	51.561
21)	B Endrin ke...	7.626	6.984	191.0E6	1385.3E6	46.074	51.991
22)	Mirex	8.110	7.177	142.8E6	1055.9E6	45.265	51.118

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091625\
Data File : PD090295.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Sep 2025 14:23
Operator : AR\AJ
Sample : Q3091-08MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

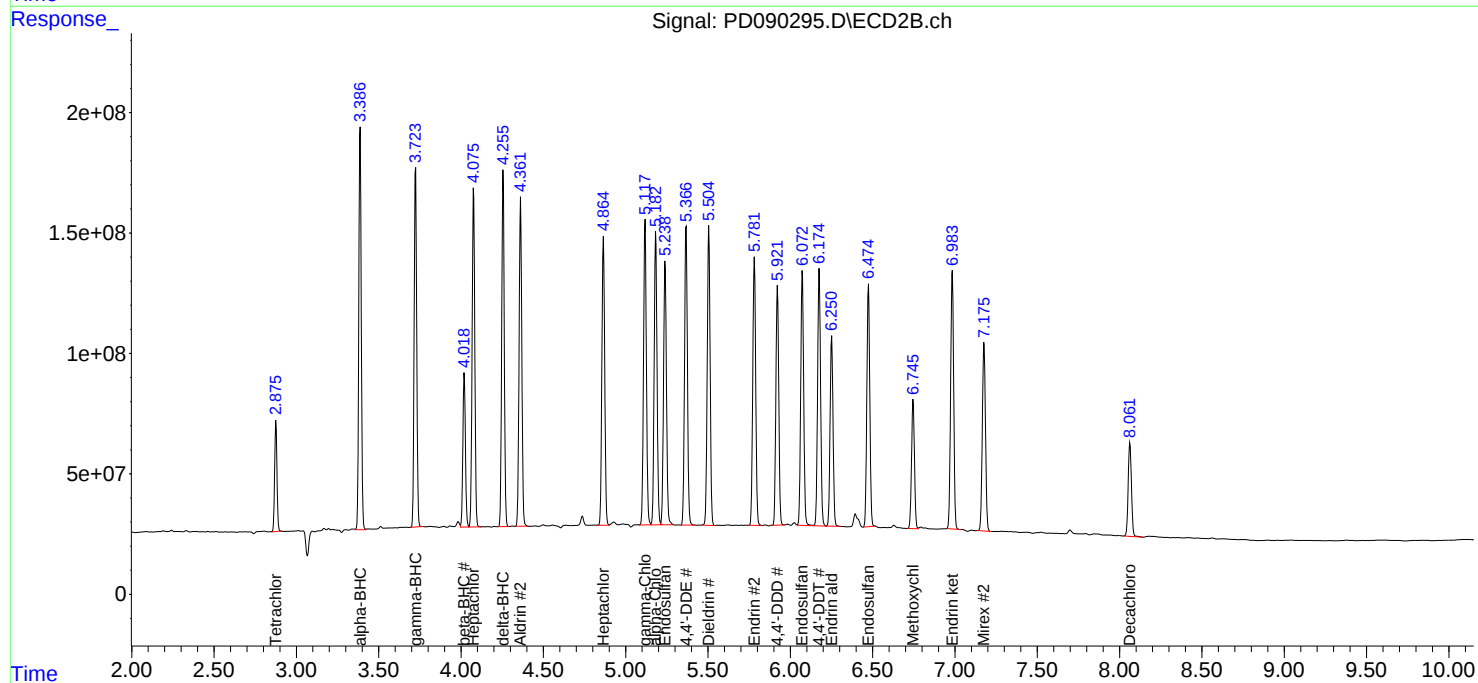
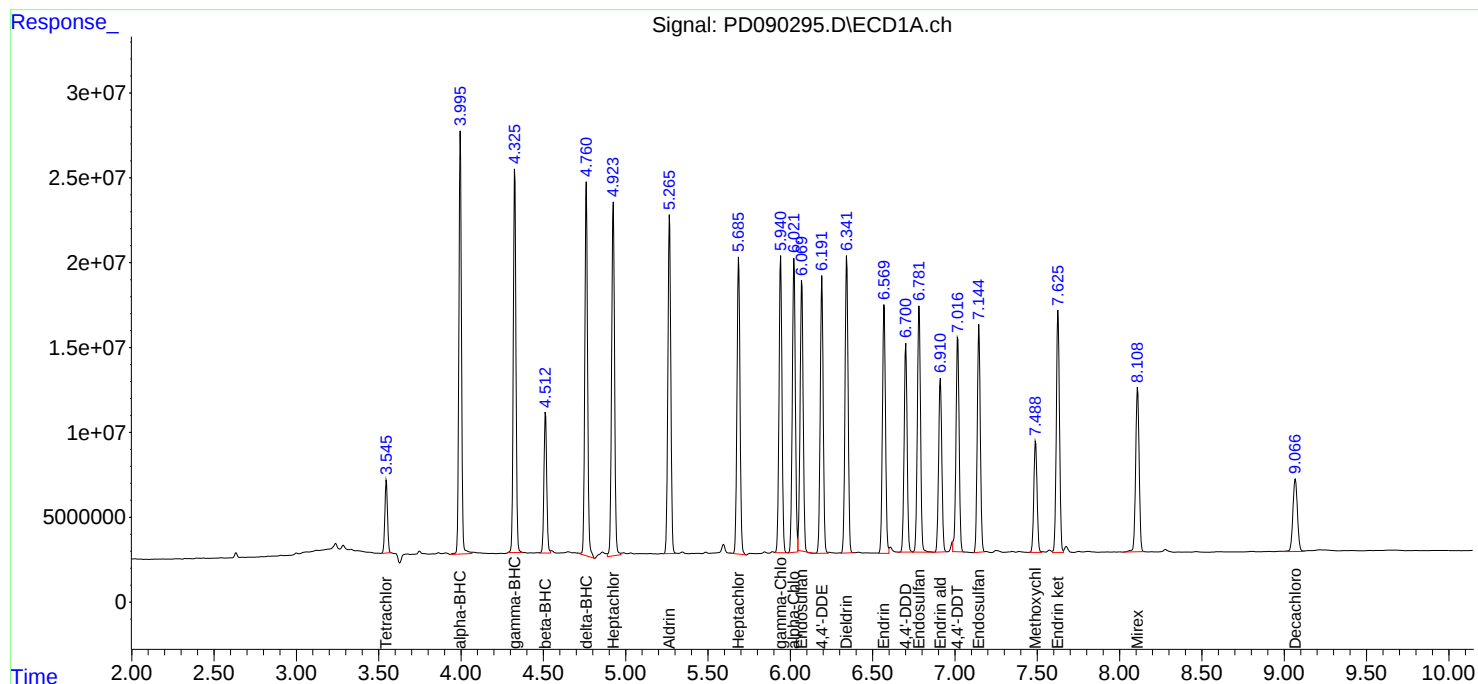
Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMS

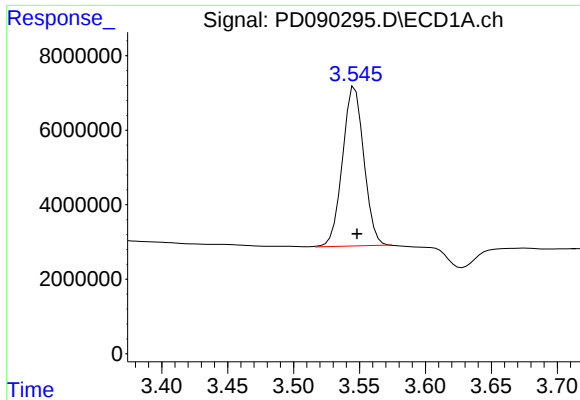
Manual Integrations
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Supervised By :mohammad ahmed 09/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 17 02:47:43 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





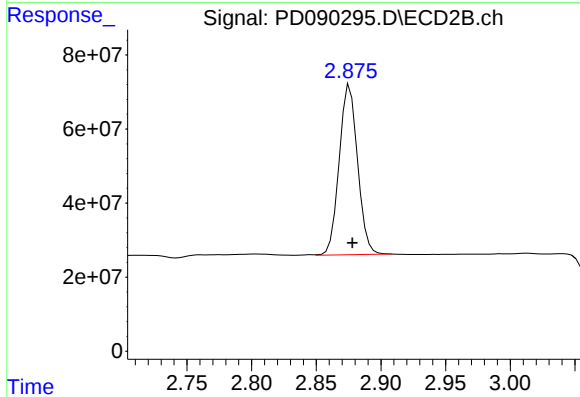
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: -0.003 min
Response: 48097515
Conc: 16.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMS

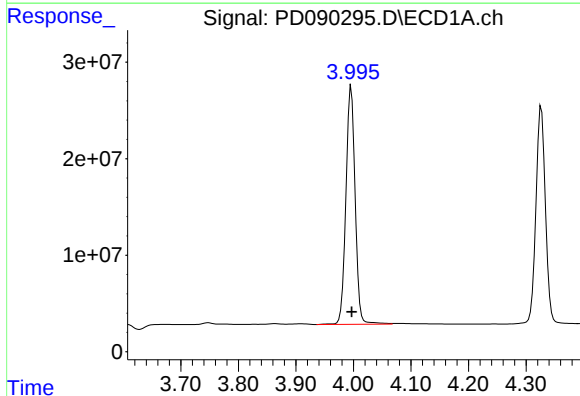
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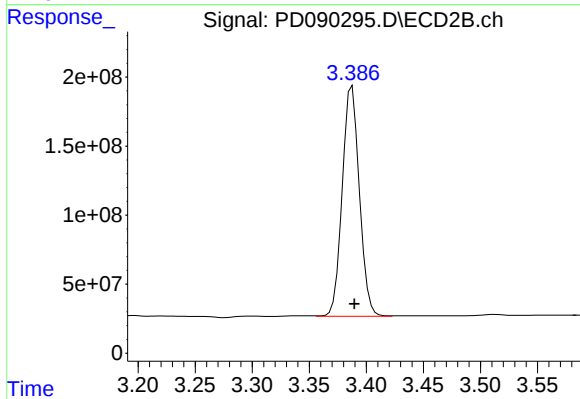
#1 Tetrachloro-m-xylene

R.T.: 2.875 min
Delta R.T.: -0.003 min
Response: 453132726
Conc: 20.55 ng/ml m



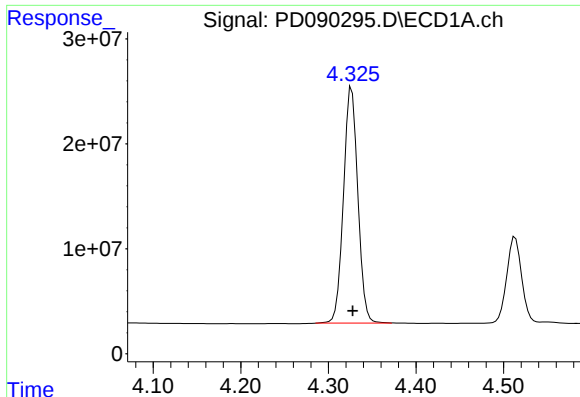
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 275622272
Conc: 45.92 ng/ml



#2 alpha-BHC

R.T.: 3.386 min
Delta R.T.: -0.003 min
Response: 1740715191
Conc: 51.29 ng/ml m



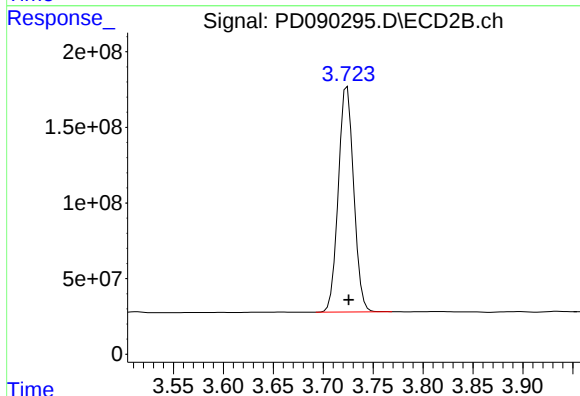
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 256442046
Conc: 44.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMS

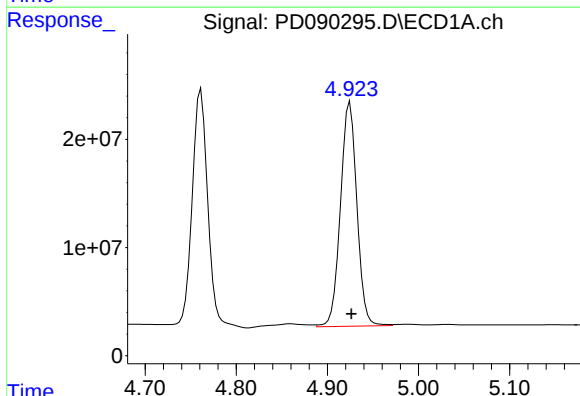
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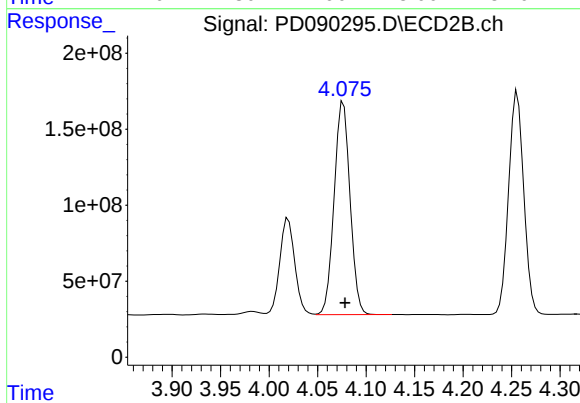
#3 gamma-BHC (Lindane)

R.T.: 3.724 min
Delta R.T.: -0.002 min
Response: 1597884839
Conc: 51.26 ng/ml



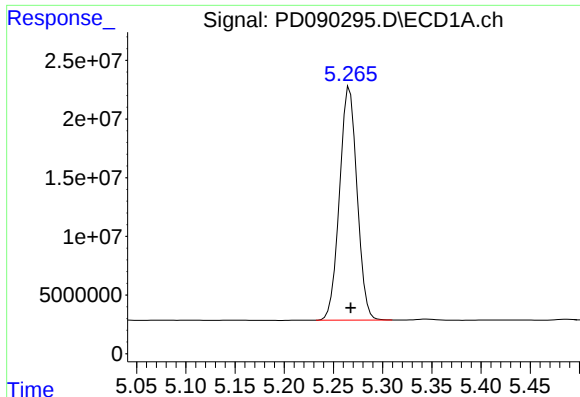
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.001 min
Response: 259611055
Conc: 46.28 ng/ml



#4 Heptachlor

R.T.: 4.077 min
Delta R.T.: -0.002 min
Response: 1595807284
Conc: 51.16 ng/ml



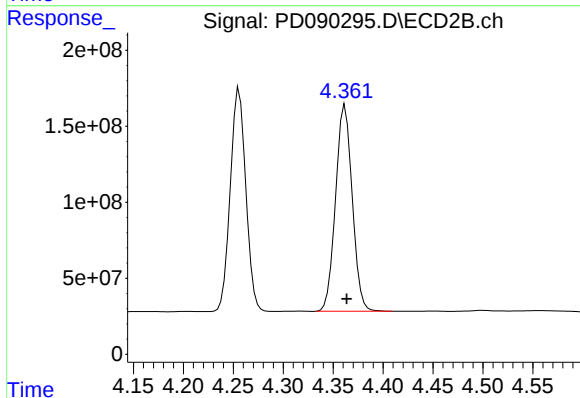
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.002 min
Response: 246914217
Conc: 45.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMS

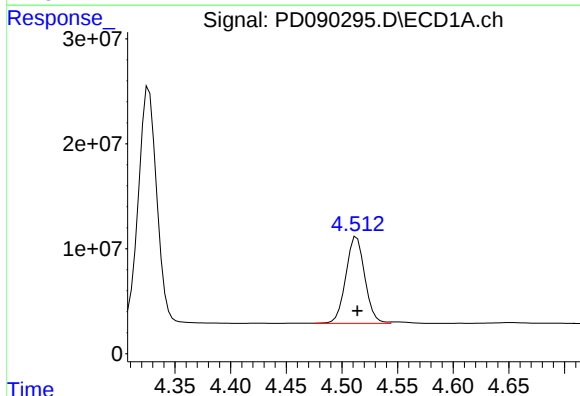
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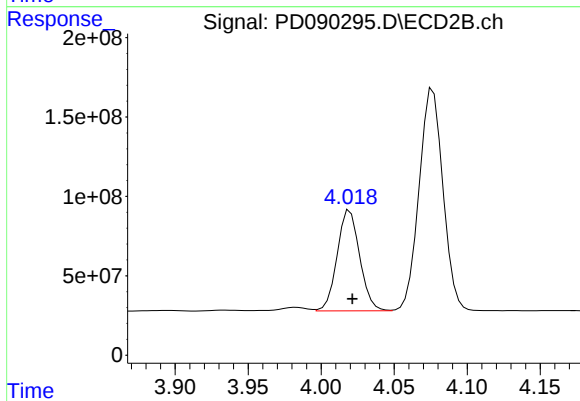
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.002 min
Response: 1576699778
Conc: 51.77 ng/ml



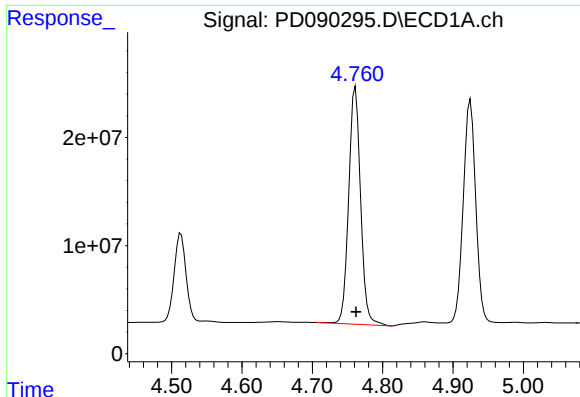
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 97937934
Conc: 43.66 ng/ml



#6 beta-BHC

R.T.: 4.020 min
Delta R.T.: -0.002 min
Response: 681981701
Conc: 51.16 ng/ml



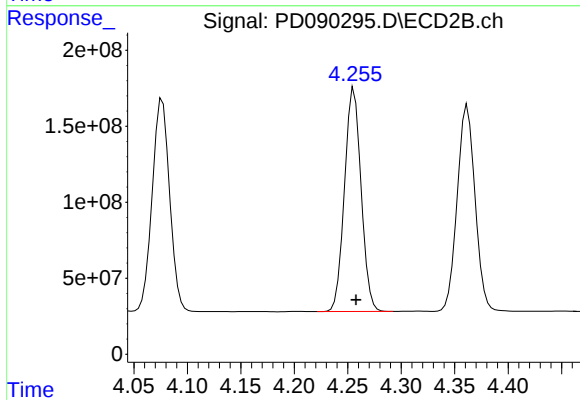
#7 delta-BHC

R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 258621003
Conc: 49.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMS

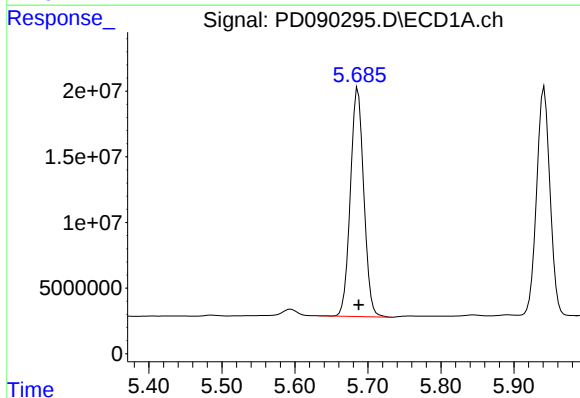
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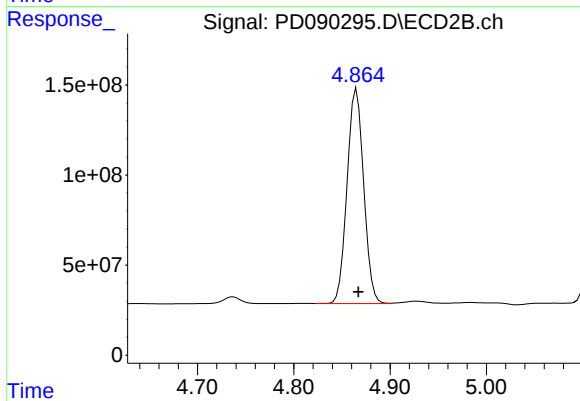
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: -0.002 min
Response: 1589532157
Conc: 50.38 ng/ml



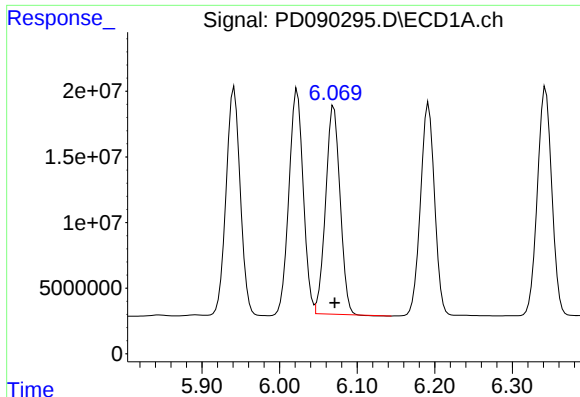
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.001 min
Response: 222537405
Conc: 45.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.865 min
Delta R.T.: -0.002 min
Response: 1422637419
Conc: 51.37 ng/ml



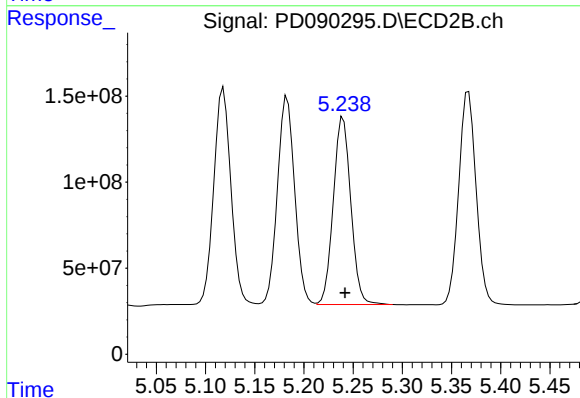
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: -0.001 min
Response: 205480229
Conc: 44.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMS

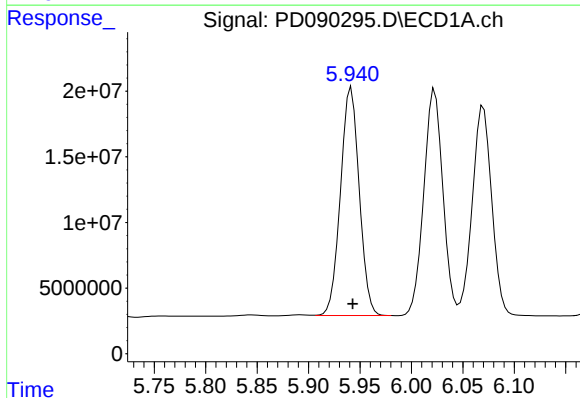
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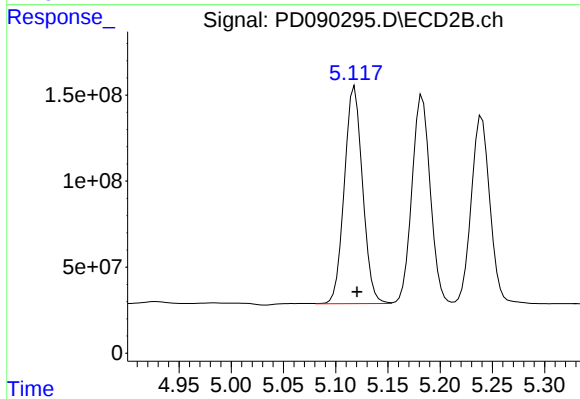
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 1350553685
Conc: 51.51 ng/ml



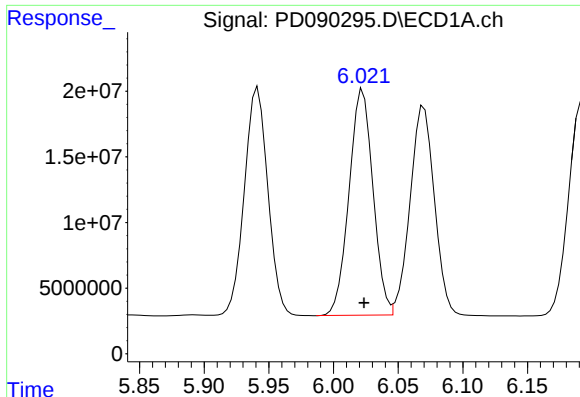
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.001 min
Response: 220255655
Conc: 45.03 ng/ml



#10 gamma-Chlordane

R.T.: 5.117 min
Delta R.T.: -0.004 min
Response: 1529609739
Conc: 51.66 ng/ml m



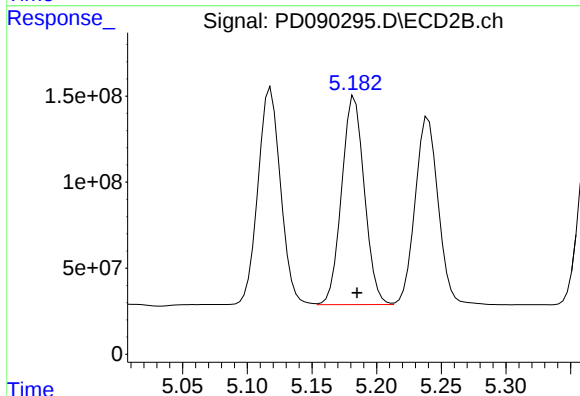
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.002 min
Response: 222047435
Conc: 45.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMS

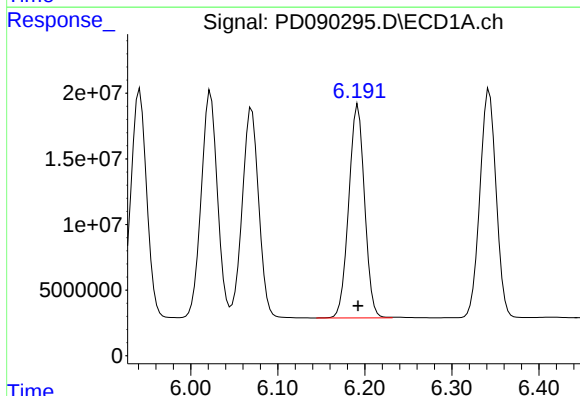
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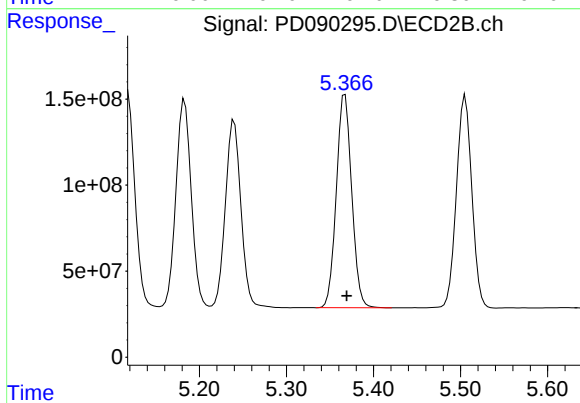
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.002 min
Response: 1477144560
Conc: 51.76 ng/ml



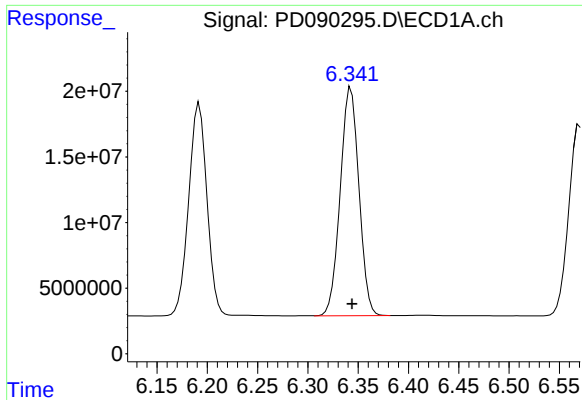
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 205148515
Conc: 46.75 ng/ml



#12 4,4'-DDE

R.T.: 5.367 min
Delta R.T.: -0.002 min
Response: 1524029691
Conc: 52.88 ng/ml



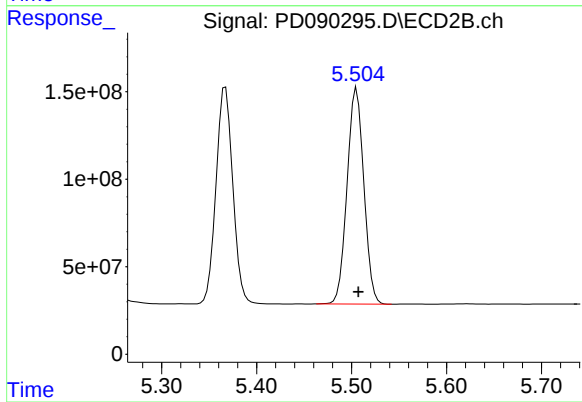
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.002 min
Response: 224987196
Conc: 45.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMS

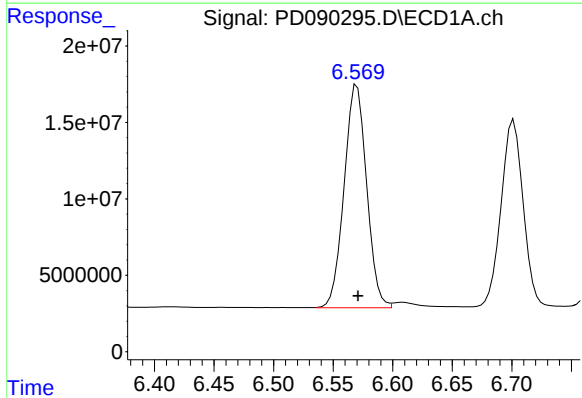
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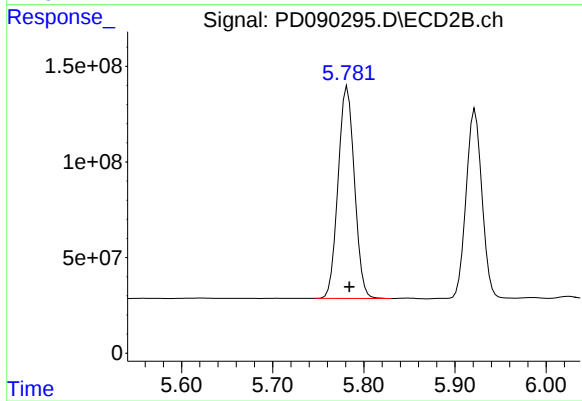
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 1516581094
Conc: 51.78 ng/ml



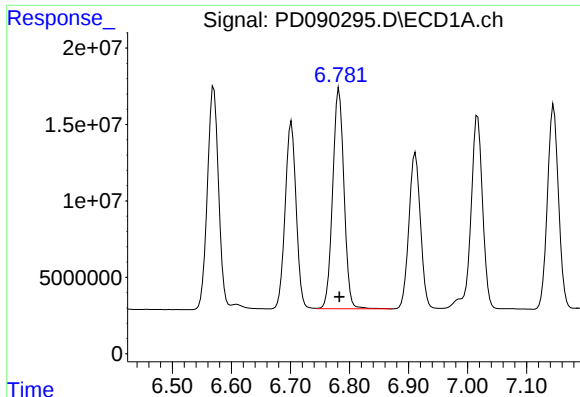
#14 Endrin

R.T.: 6.569 min
Delta R.T.: -0.002 min
Response: 192187241
Conc: 46.38 ng/ml m



#14 Endrin

R.T.: 5.782 min
Delta R.T.: -0.002 min
Response: 1382341327
Conc: 51.90 ng/ml



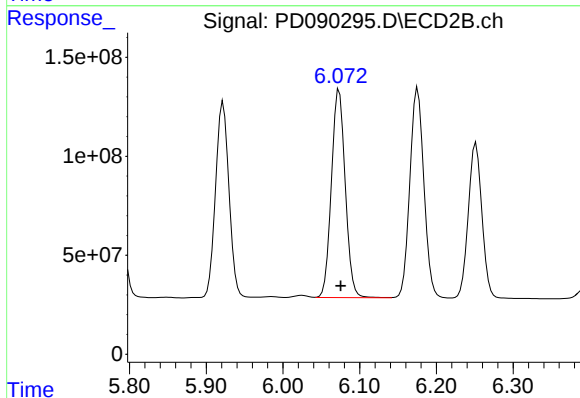
#15 Endosulfan II

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 192118711
Conc: 45.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMS

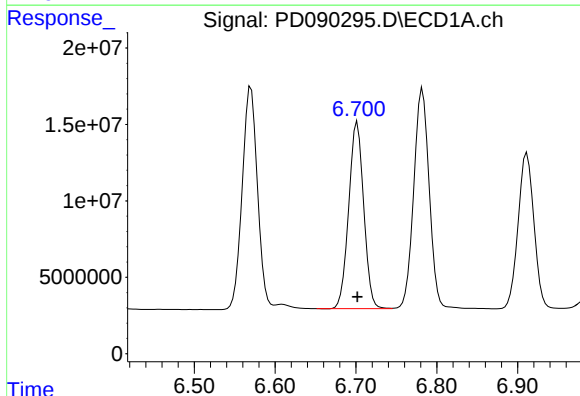
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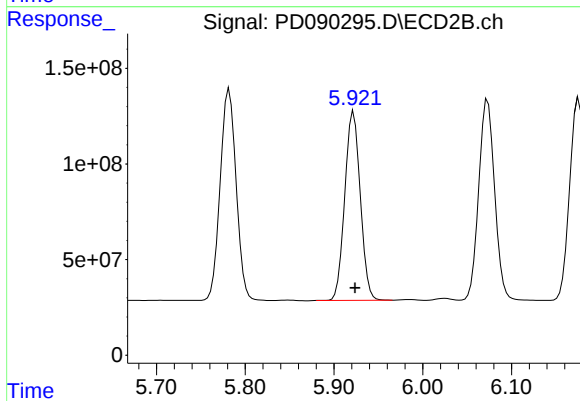
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 1317020800
Conc: 52.07 ng/ml



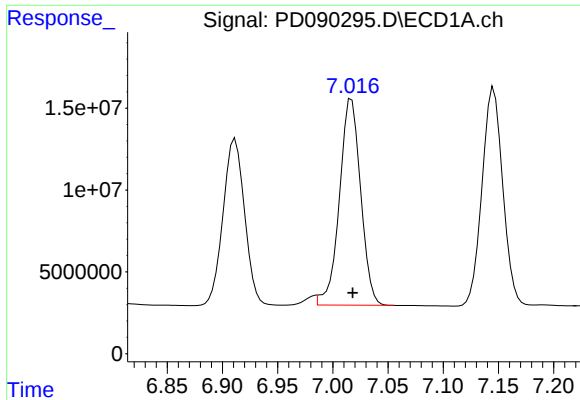
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 157396596
Conc: 45.50 ng/ml



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 1198608399
Conc: 49.85 ng/ml



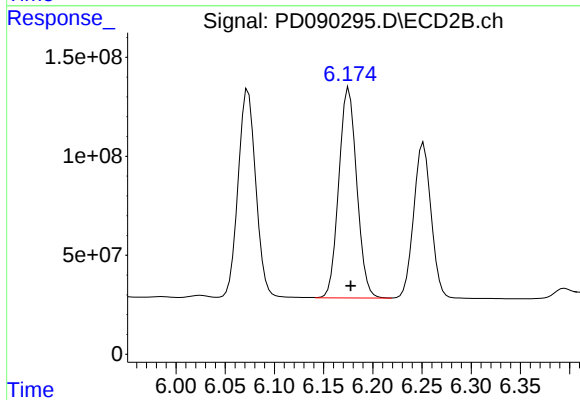
#17 4,4'-DDT

R.T.: 7.016 min
Delta R.T.: -0.002 min
Response: 168307838
Conc: 44.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMS

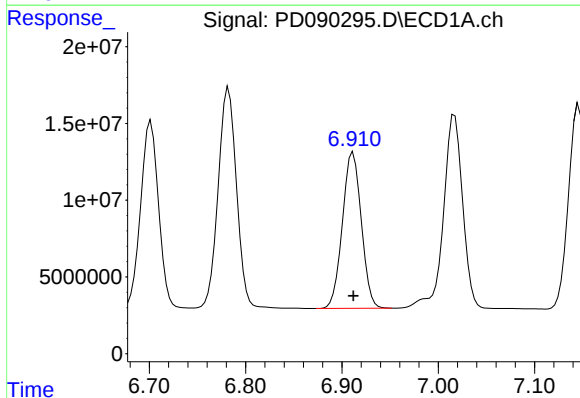
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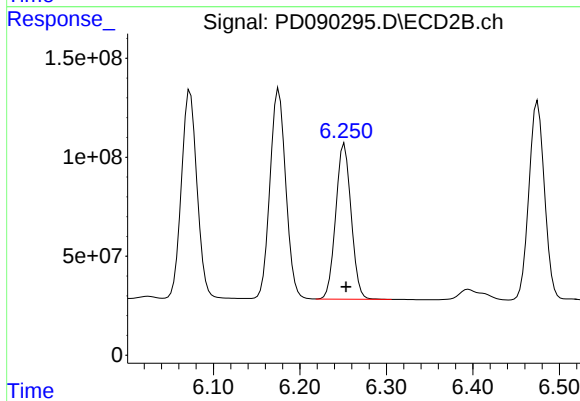
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.002 min
Response: 1349103246
Conc: 53.81 ng/ml



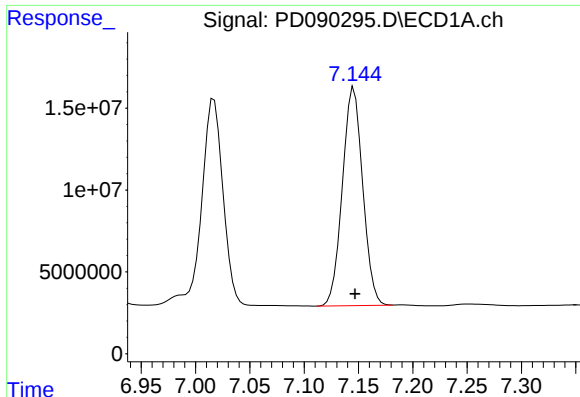
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 138088764
Conc: 48.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: -0.002 min
Response: 966139499
Conc: 56.11 ng/ml



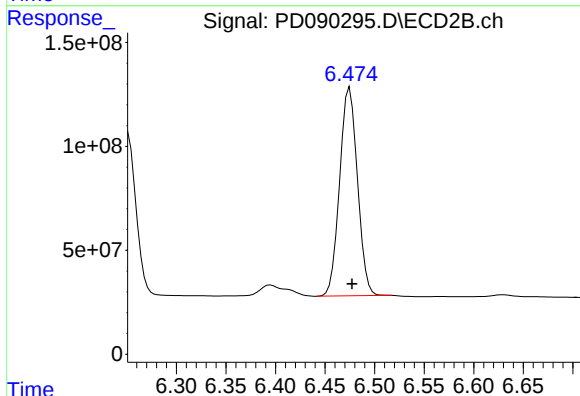
#19 Endosulfan Sulfate

R.T.: 7.144 min
Delta R.T.: -0.002 min
Response: 173780394
Conc: 44.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMS

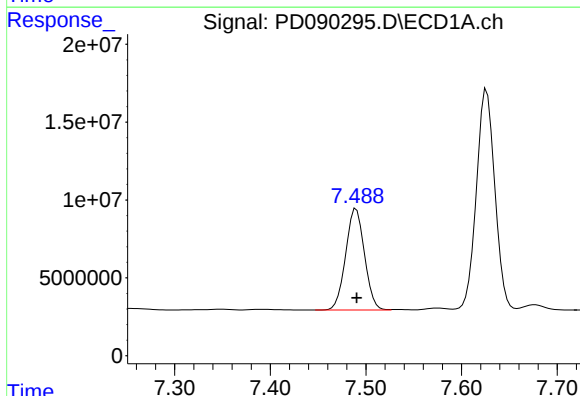
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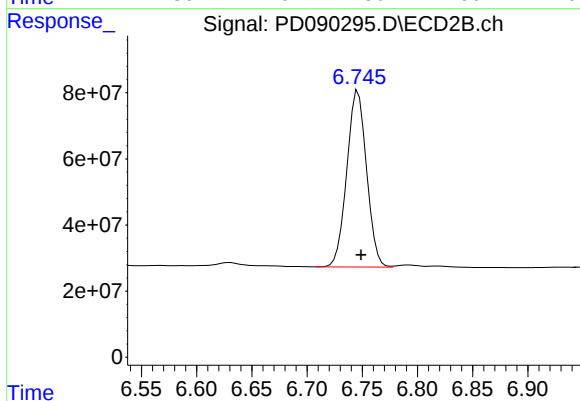
#19 Endosulfan Sulfate

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 1252942319
Conc: 51.39 ng/ml



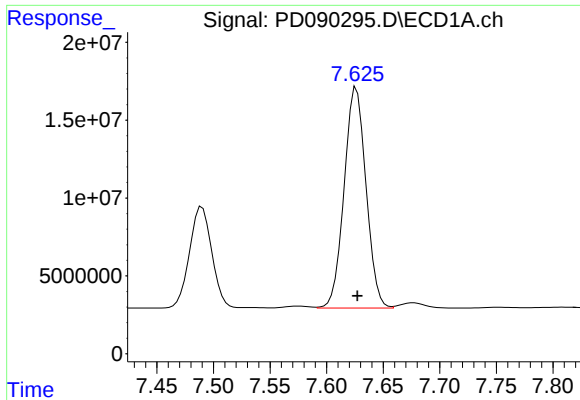
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 89398136
Conc: 44.57 ng/ml



#20 Methoxychlor

R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 664924467
Conc: 51.56 ng/ml



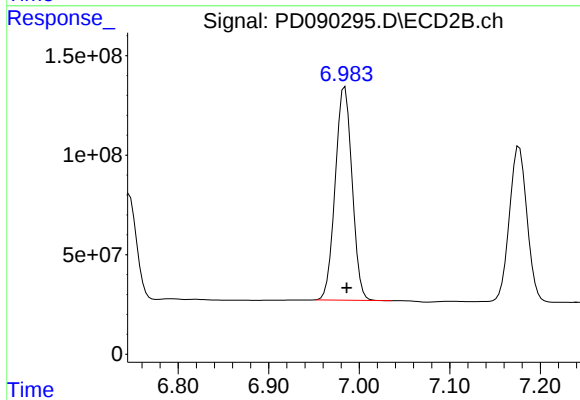
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 190955899
Conc: 46.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMS

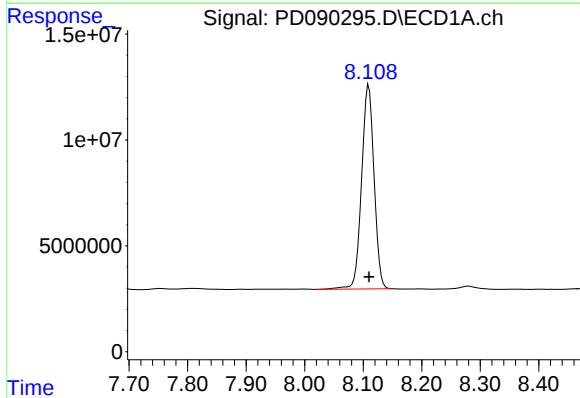
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/17/2025
Supervised By :mohammad ahmed 09/18/2025



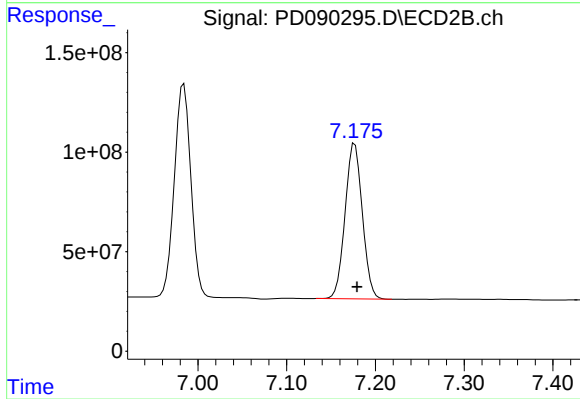
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.002 min
Response: 1385288356
Conc: 51.99 ng/ml



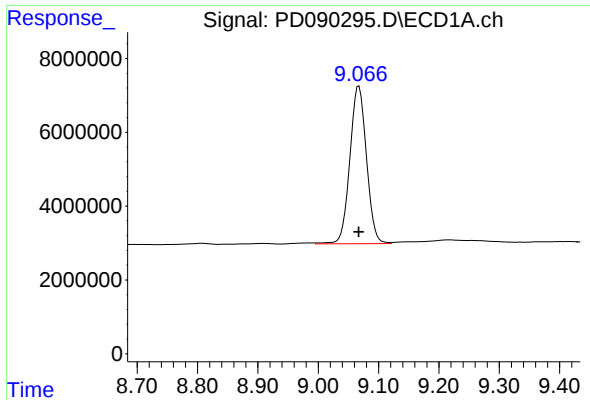
#22 Mirex

R.T.: 8.110 min
Delta R.T.: 0.000 min
Response: 142787990
Conc: 45.27 ng/ml



#22 Mirex

R.T.: 7.177 min
Delta R.T.: -0.002 min
Response: 1055878924
Conc: 51.12 ng/ml



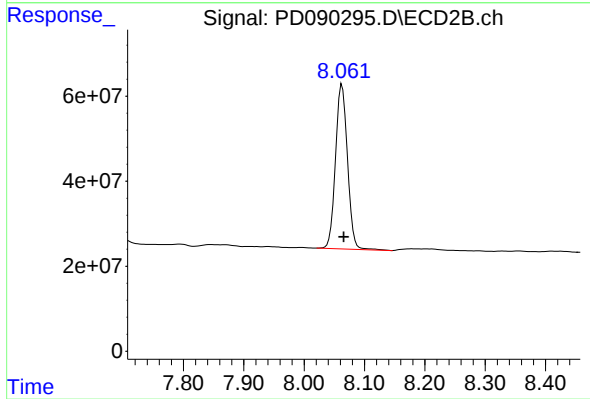
#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 81733132
Conc: 18.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
12/9B-COMPMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/17/2025
Supervised By :mohammad ahmed 09/18/2025



#28 Decachlorobiphenyl

R.T.: 8.063 min
Delta R.T.: -0.003 min
Response: 535101876
Conc: 20.67 ng/ml