

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051625\
 Data File : PL095725.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 May 2025 14:46
 Operator : AR\AJ
 Sample : Q2032-05MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-24MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/19/2025
 Supervised By : mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 17 01:56:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
 Quant Title : GC Extractables
 QLast Update : Tue May 13 14:38:57 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 x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.589	2.908	70894455	82070966	17.351m	17.521
28)	SA Decachlor...	9.113	8.084	50475450	57883181	14.879	14.033
Target Compounds							
2)	A alpha-BHC	4.042	3.417	263.4E6	300.9E6	45.016	42.076
3)	MA gamma-BHC...	4.373	3.750	249.1E6	280.1E6	44.756	41.486
4)	MA Heptachlor	4.970	4.104	237.4E6	271.7E6	43.589	41.646
5)	MB Aldrin	5.312	4.389	260.2E6	264.3E6	45.299	41.447
6)	B beta-BHC	4.559	4.044	86468662	125.4E6	35.306	41.550
7)	B delta-BHC	4.806	4.281	239.8E6	284.2E6	44.142	41.750
8)	B Heptachlo...	5.733	4.892	219.4E6	239.5E6	42.346	41.440
9)	A Endosulfan I	6.116	5.265	218.8E6	219.1E6	44.687	42.361
10)	B gamma-Chl...	5.987	5.144	234.4E6	247.4E6	43.765	41.542
11)	B alpha-Chl...	6.068	5.209	232.8E6	240.7E6	44.786	40.786
12)	B 4,4'-DDE	6.237	5.395	208.6E6	245.5E6	40.750	41.142
13)	MA Dieldrin	6.389	5.530	209.7E6	257.0E6	42.555	41.767
14)	MA Endrin	6.617	5.805	171.7E6	236.6E6	44.832	44.416
15)	B Endosulfa...	6.828	6.095	175.6E6	224.6E6	42.140	41.010
16)	A 4,4'-DDD	6.746	5.947	166.7E6	216.1E6	42.898	42.019
17)	MA 4,4'-DDT	7.062	6.201	166.6E6	215.8E6	46.310	43.004
18)	B Endrin al...	6.957	6.273	131.5E6	162.5E6	44.799	42.433
19)	B Endosulfa...	7.191	6.495	157.2E6	202.1E6	42.837	40.648m
20)	A Methoxychlor	7.532	6.771	78071172	116.8E6	46.304	43.171
21)	B Endrin ke...	7.672	7.002	164.6E6	238.3E6	43.924	40.558
22)	Mirex	8.154	7.198	131.5E6	175.3E6	43.194	40.660

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051625\
Data File : PL095725.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 May 2025 14:46
Operator : AR\AJ
Sample : Q2032-05MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

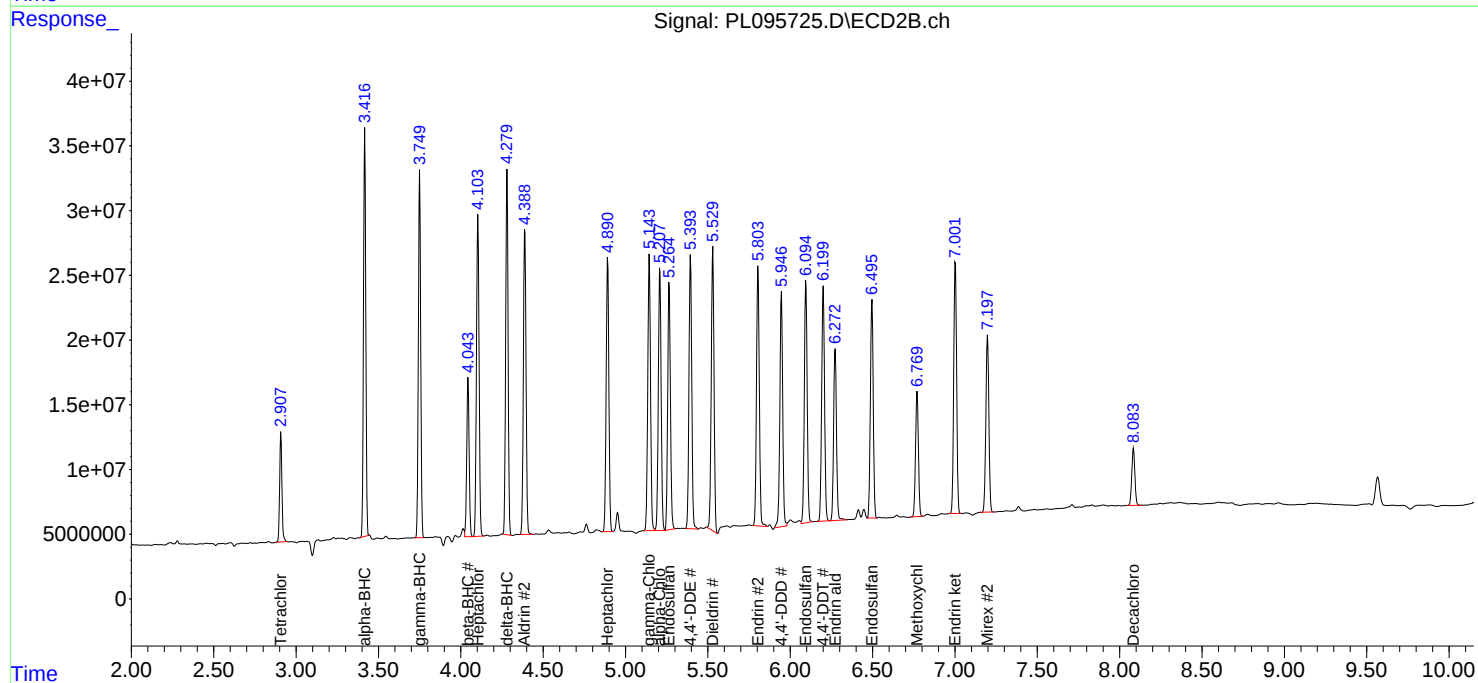
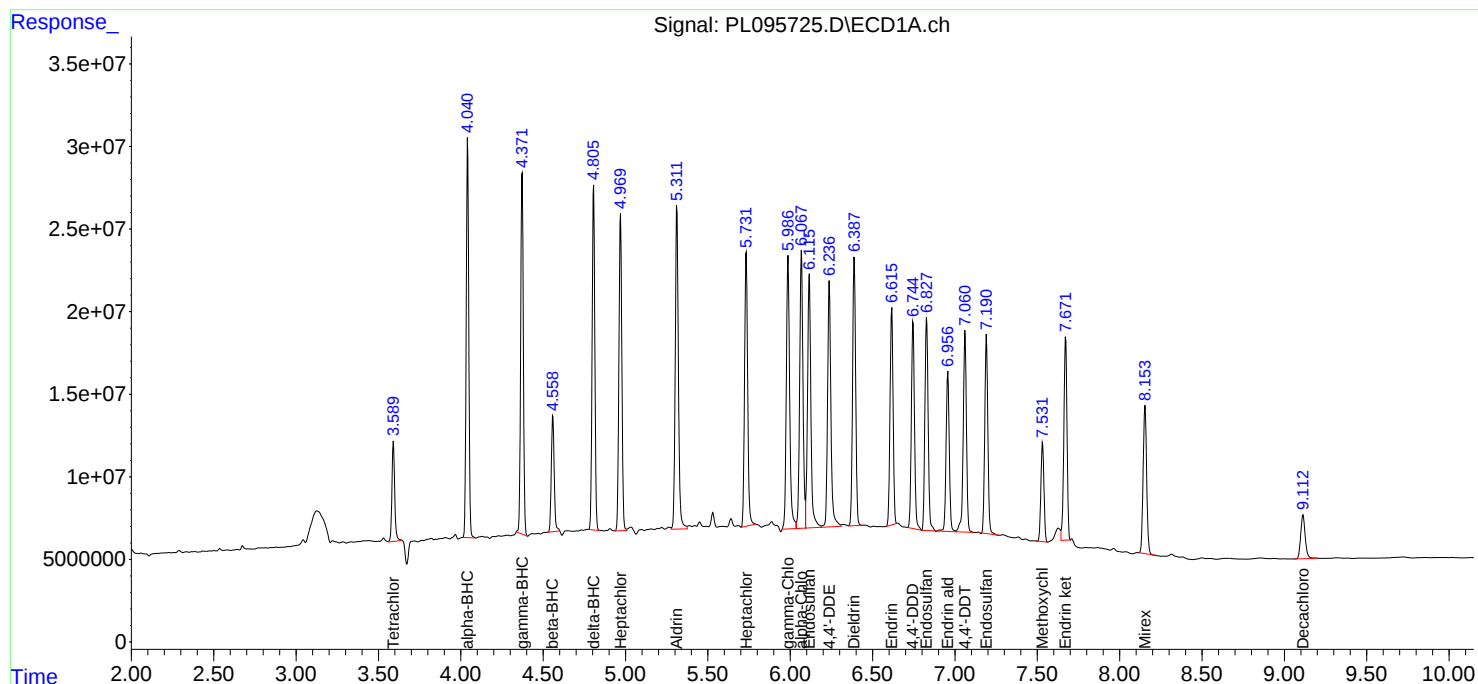
Instrument :
ECD_L
ClientSampleId :
TP-24MS

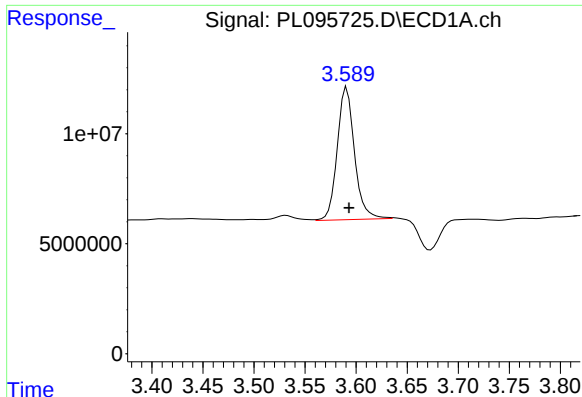
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2025
Supervised By :mohammad ahmed 05/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 17 01:56:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051325.M
Quant Title : GC Extractables
QLast Update : Tue May 13 14:38:57 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 x0.25µm





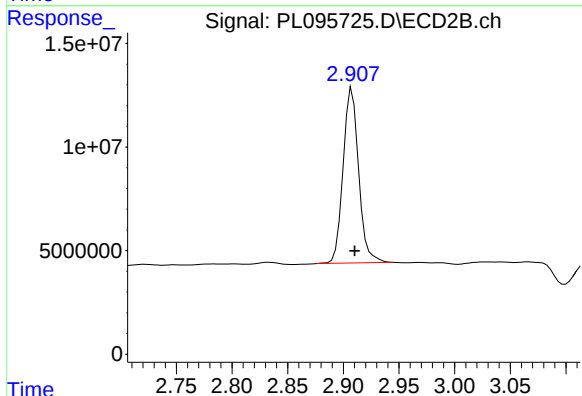
#1 Tetrachloro-m-xylene

R.T.: 3.589 min
Delta R.T.: -0.004 min
Response: 70894455
Conc: 17.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MS

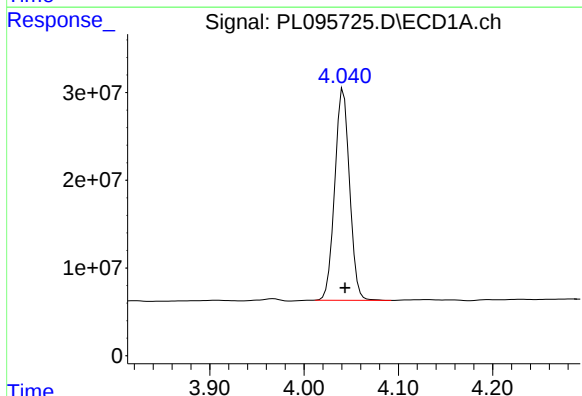
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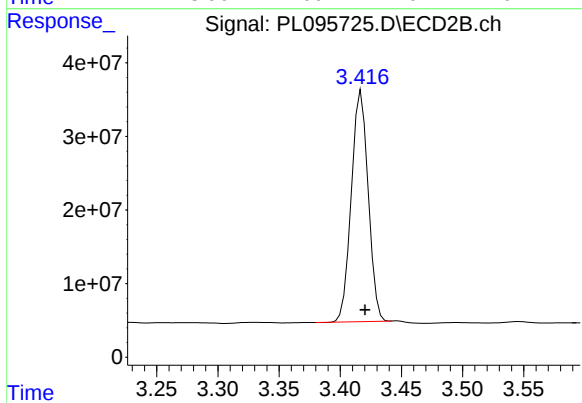
#1 Tetrachloro-m-xylene

R.T.: 2.908 min
Delta R.T.: -0.003 min
Response: 82070966
Conc: 17.52 ng/ml



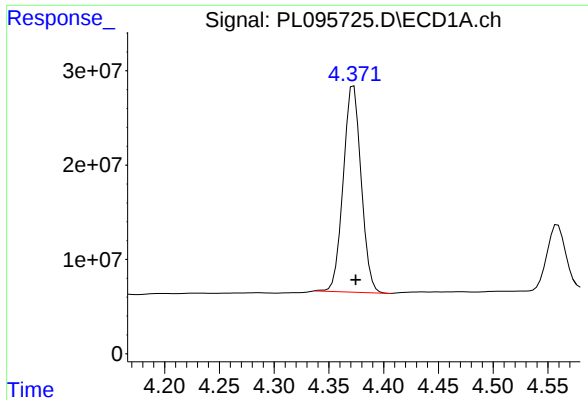
#2 alpha-BHC

R.T.: 4.042 min
Delta R.T.: -0.002 min
Response: 263395786
Conc: 45.02 ng/ml



#2 alpha-BHC

R.T.: 3.417 min
Delta R.T.: -0.003 min
Response: 300904469
Conc: 42.08 ng/ml



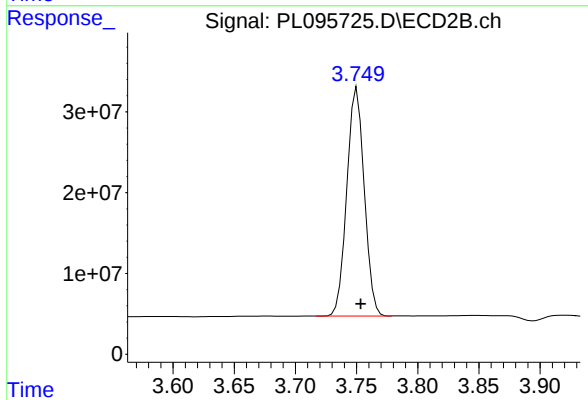
#3 gamma-BHC (Lindane)

R.T.: 4.373 min
Delta R.T.: -0.002 min
Response: 249113286
Conc: 44.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MS

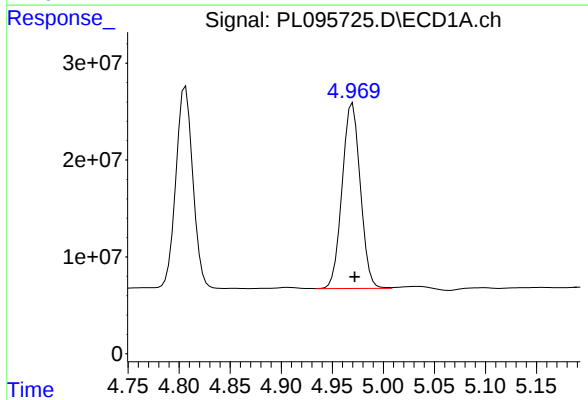
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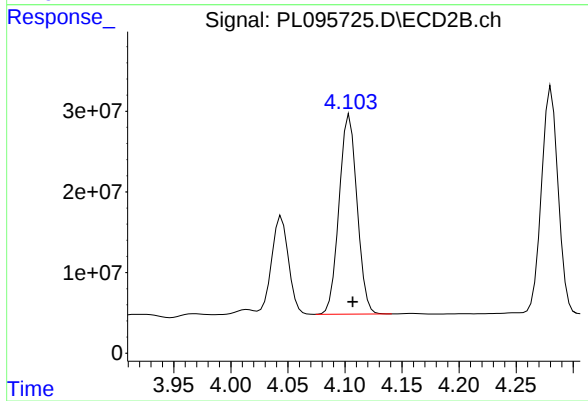
#3 gamma-BHC (Lindane)

R.T.: 3.750 min
Delta R.T.: -0.003 min
Response: 280139324
Conc: 41.49 ng/ml



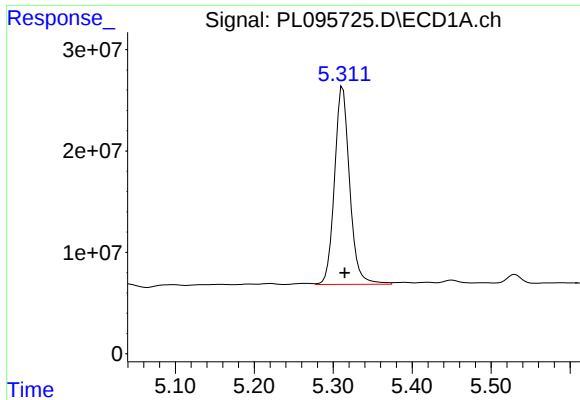
#4 Heptachlor

R.T.: 4.970 min
Delta R.T.: -0.002 min
Response: 237380249
Conc: 43.59 ng/ml



#4 Heptachlor

R.T.: 4.104 min
Delta R.T.: -0.003 min
Response: 271677335
Conc: 41.65 ng/ml



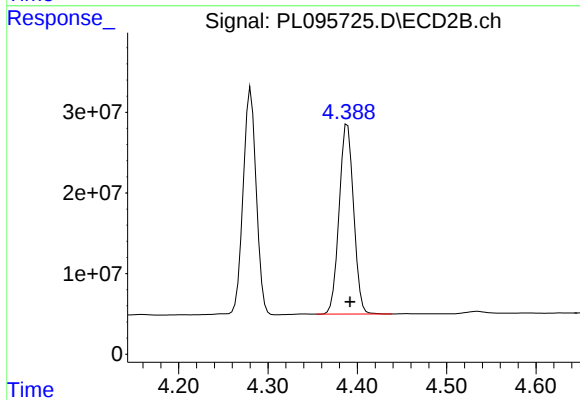
#5 Aldrin

R.T.: 5.312 min
Delta R.T.: -0.002 min
Response: 260184142
Conc: 45.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MS

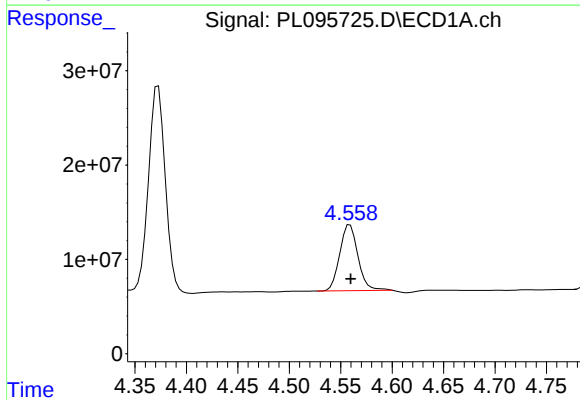
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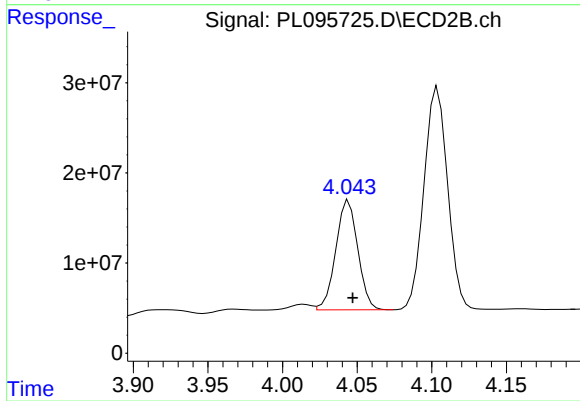
#5 Aldrin

R.T.: 4.389 min
Delta R.T.: -0.003 min
Response: 264347451
Conc: 41.45 ng/ml



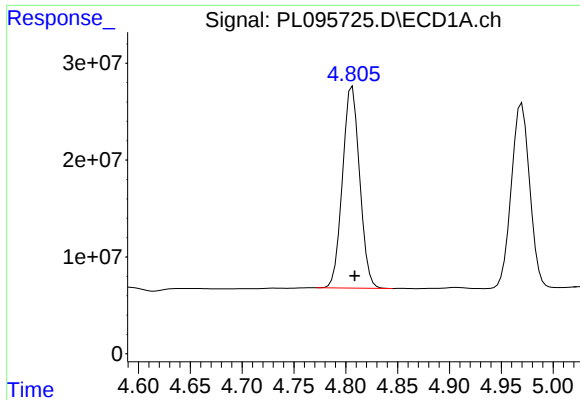
#6 beta-BHC

R.T.: 4.559 min
Delta R.T.: 0.000 min
Response: 86468662
Conc: 35.31 ng/ml



#6 beta-BHC

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 125360242
Conc: 41.55 ng/ml



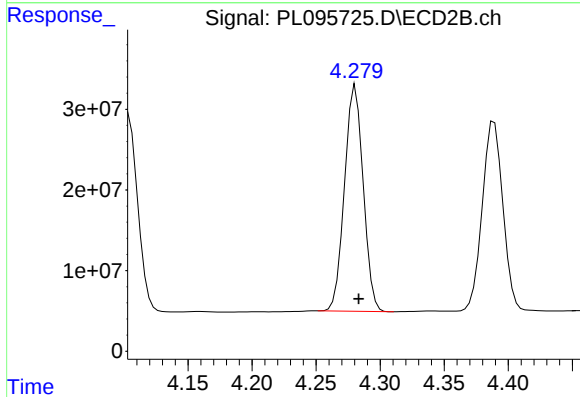
#7 delta-BHC

R.T.: 4.806 min
Delta R.T.: -0.002 min
Response: 239816139
Conc: 44.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MS

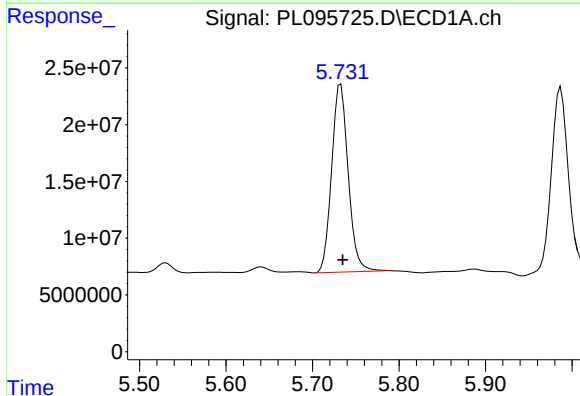
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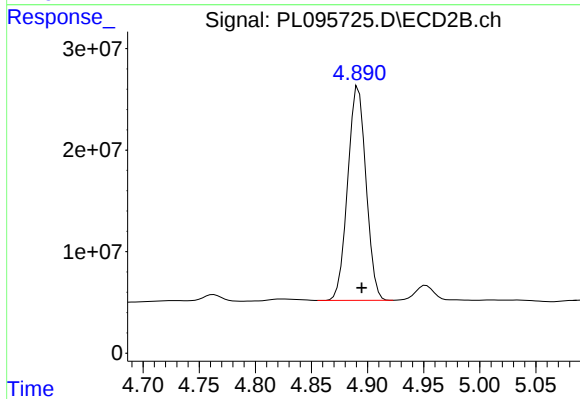
#7 delta-BHC

R.T.: 4.281 min
Delta R.T.: -0.002 min
Response: 284186384
Conc: 41.75 ng/ml



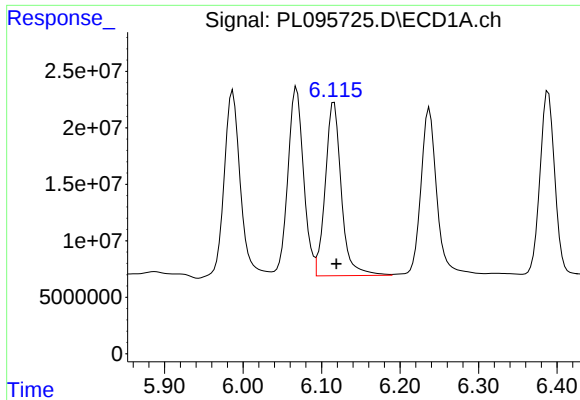
#8 Heptachlor epoxide

R.T.: 5.733 min
Delta R.T.: -0.002 min
Response: 219434321
Conc: 42.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.892 min
Delta R.T.: -0.003 min
Response: 239495492
Conc: 41.44 ng/ml



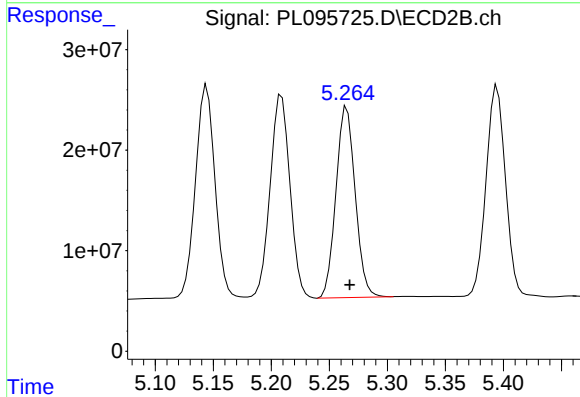
#9 Endosulfan I

R.T.: 6.116 min
Delta R.T.: -0.003 min
Response: 218764689
Conc: 44.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MS

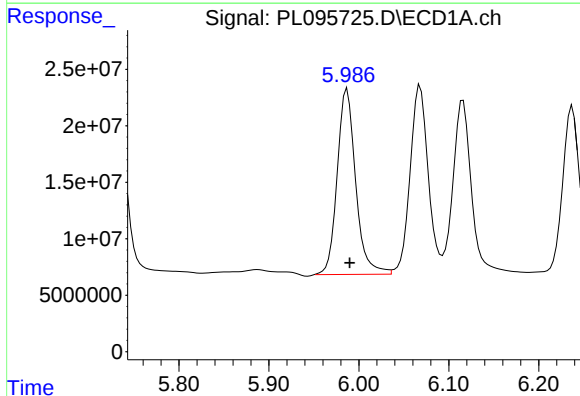
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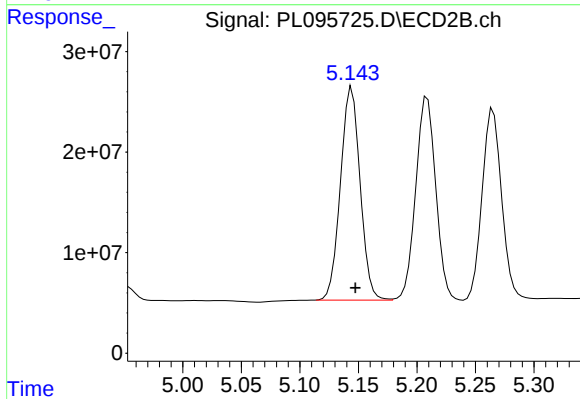
#9 Endosulfan I

R.T.: 5.265 min
Delta R.T.: -0.003 min
Response: 219092414
Conc: 42.36 ng/ml



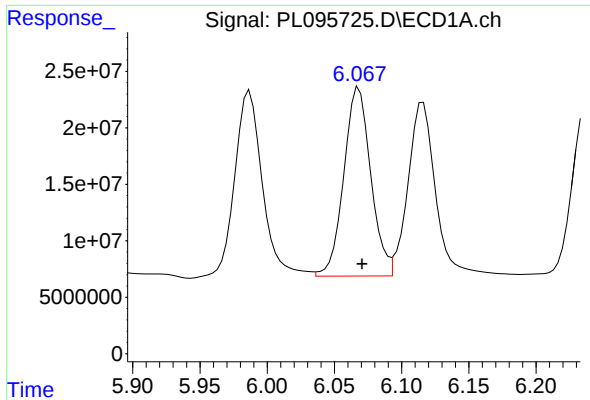
#10 gamma-Chlordane

R.T.: 5.987 min
Delta R.T.: -0.003 min
Response: 234373134
Conc: 43.77 ng/ml



#10 gamma-Chlordane

R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 247441449
Conc: 41.54 ng/ml



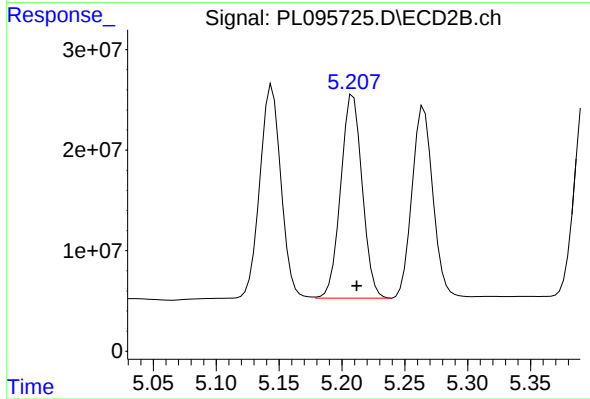
#11 alpha-Chlordane

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 232784987
Conc: 44.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MS

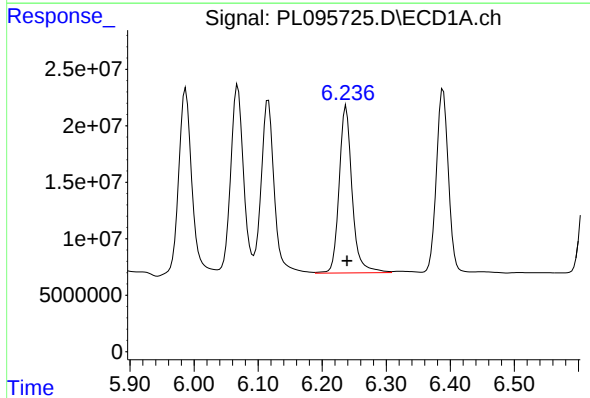
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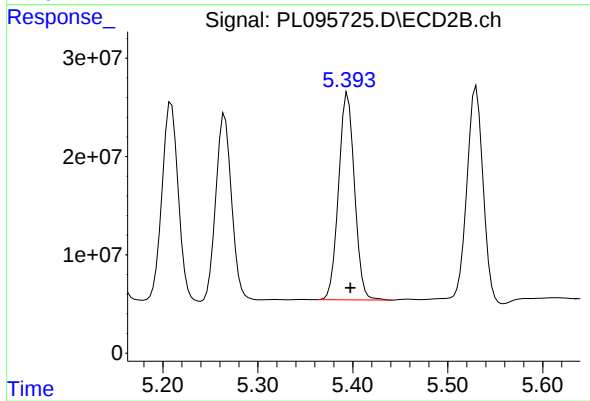
#11 alpha-Chlordane

R.T.: 5.209 min
Delta R.T.: -0.003 min
Response: 240728251
Conc: 40.79 ng/ml



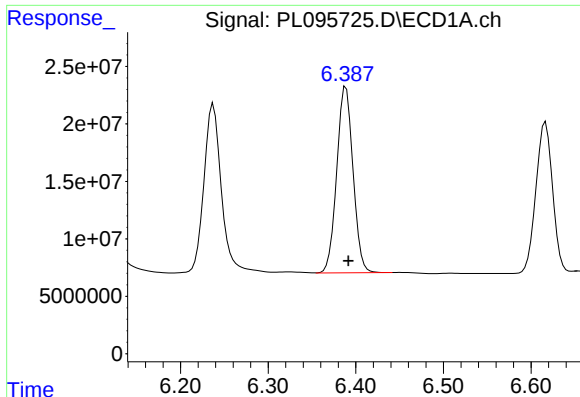
#12 4,4'-DDE

R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 208591906
Conc: 40.75 ng/ml



#12 4,4'-DDE

R.T.: 5.395 min
Delta R.T.: -0.003 min
Response: 245525653
Conc: 41.14 ng/ml



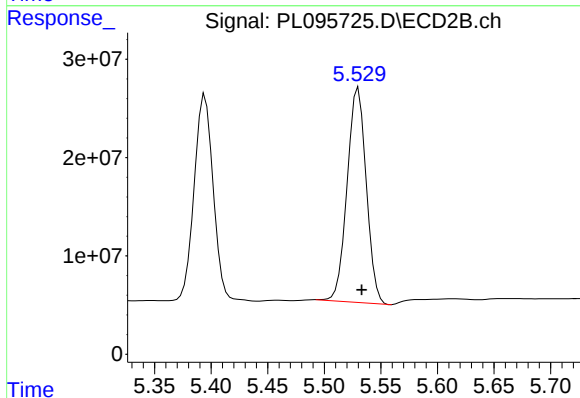
#13 Dieldrin

R.T.: 6.389 min
Delta R.T.: -0.003 min
Response: 209715086
Conc: 42.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MS

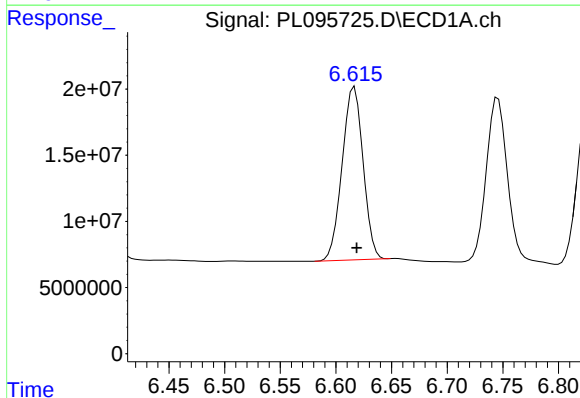
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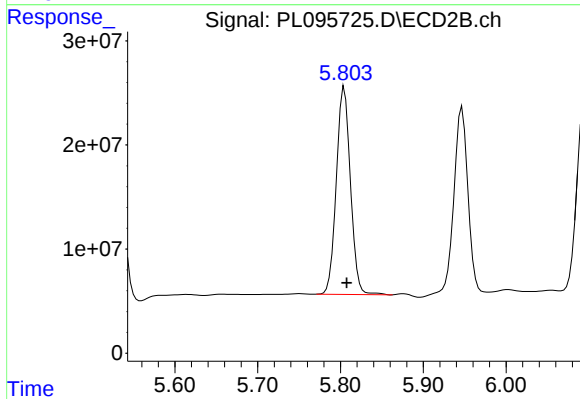
#13 Dieldrin

R.T.: 5.530 min
Delta R.T.: -0.003 min
Response: 256978551
Conc: 41.77 ng/ml



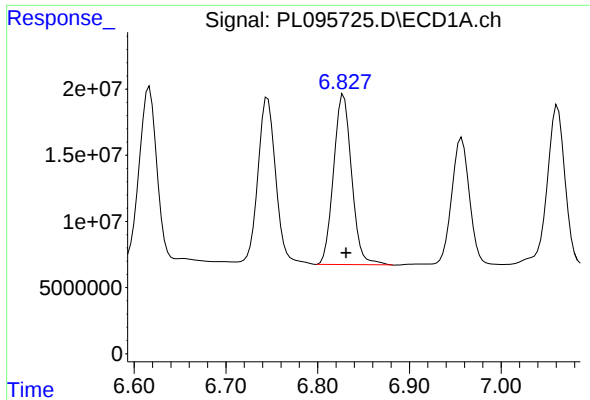
#14 Endrin

R.T.: 6.617 min
Delta R.T.: -0.002 min
Response: 171731426
Conc: 44.83 ng/ml



#14 Endrin

R.T.: 5.805 min
Delta R.T.: -0.003 min
Response: 236636125
Conc: 44.42 ng/ml



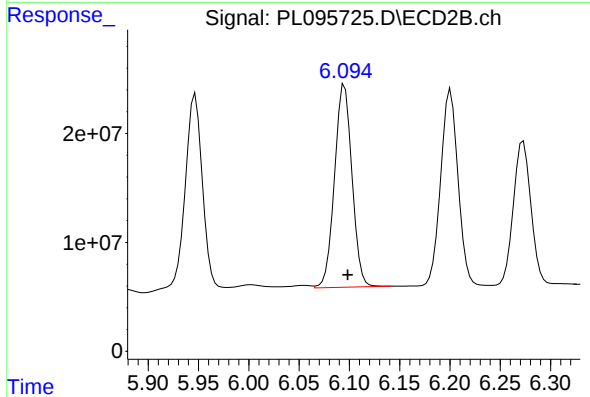
#15 Endosulfan II

R.T.: 6.828 min
Delta R.T.: -0.003 min
Response: 175644230
Conc: 42.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MS

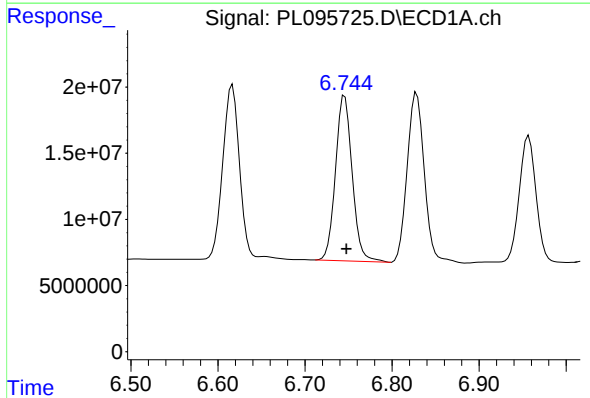
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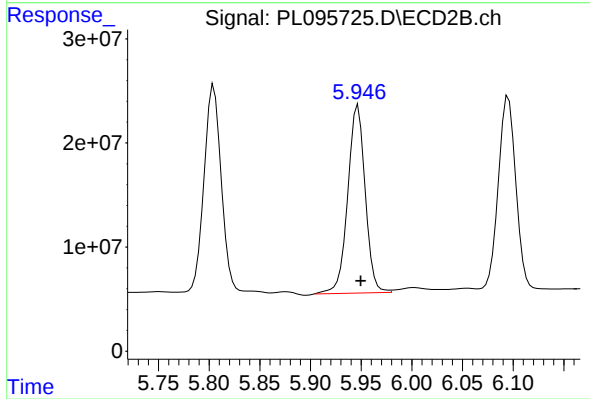
#15 Endosulfan II

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 224584689
Conc: 41.01 ng/ml



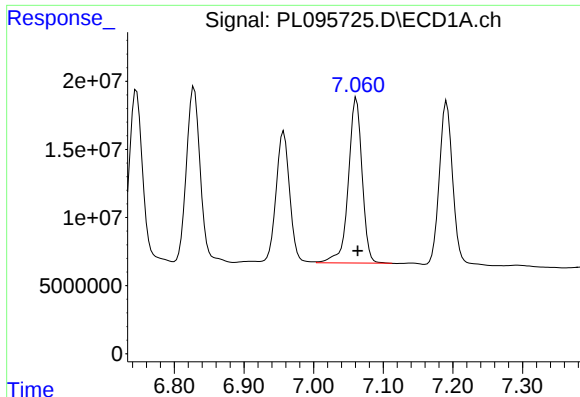
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: -0.002 min
Response: 166684685
Conc: 42.90 ng/ml



#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 216093312
Conc: 42.02 ng/ml



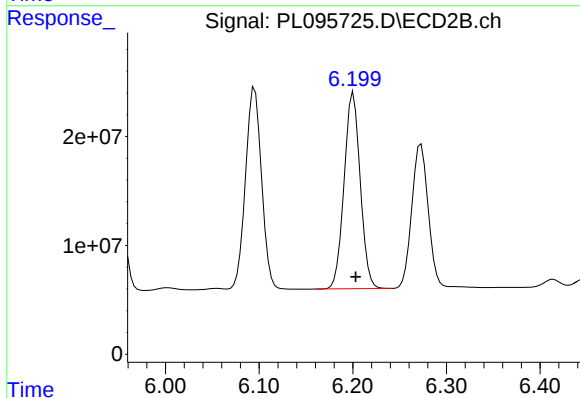
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: -0.002 min
Response: 166615499
Conc: 46.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MS

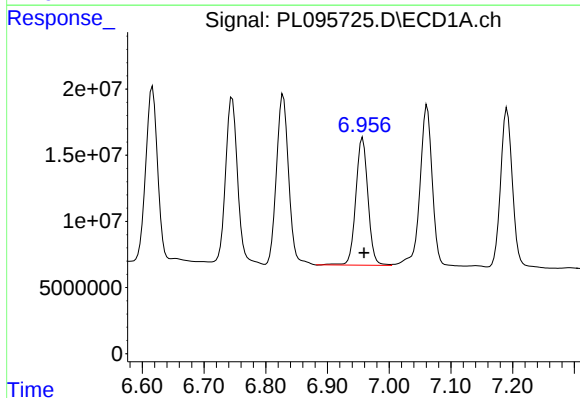
Manual Integrations
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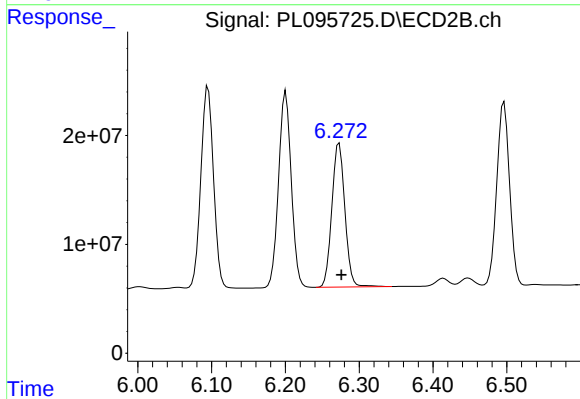
#17 4,4'-DDT

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 215832862
Conc: 43.00 ng/ml



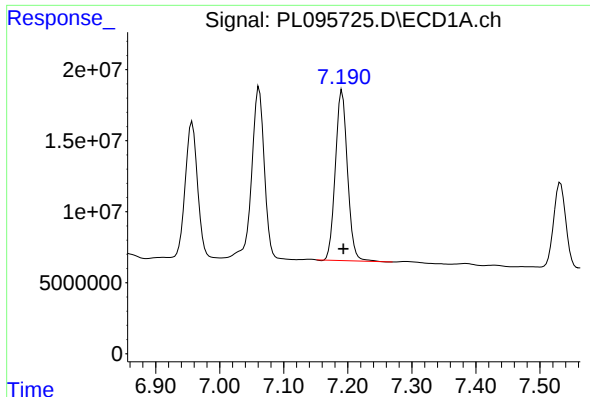
#18 Endrin aldehyde

R.T.: 6.957 min
Delta R.T.: -0.003 min
Response: 131524055
Conc: 44.80 ng/ml



#18 Endrin aldehyde

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 162465462
Conc: 42.43 ng/ml



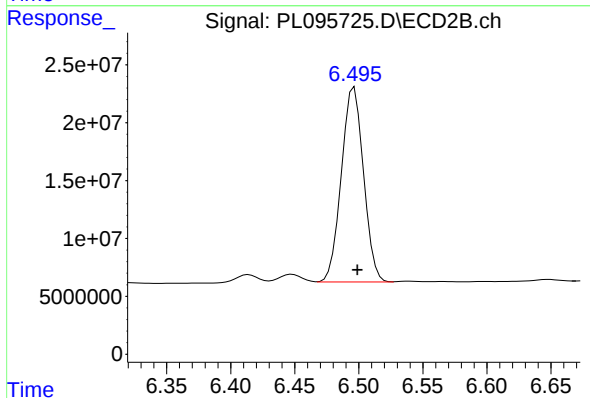
#19 Endosulfan Sulfate

R.T.: 7.191 min
Delta R.T.: -0.002 min
Response: 157228456
Conc: 42.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MS

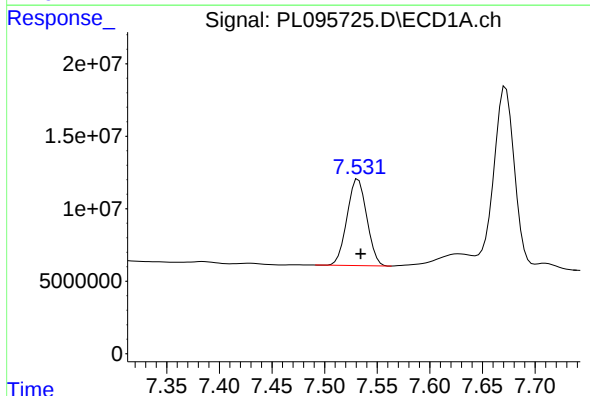
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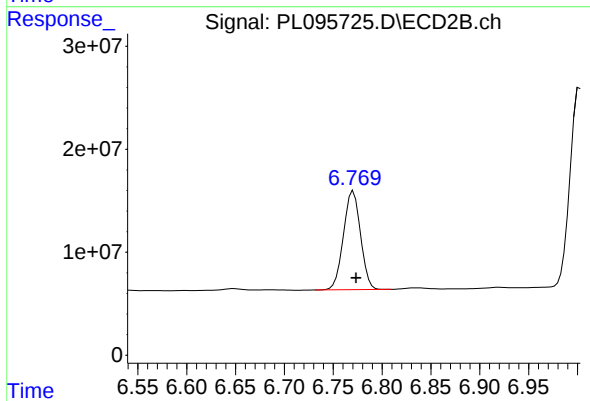
#19 Endosulfan Sulfate

R.T.: 6.495 min
Delta R.T.: -0.004 min
Response: 202090723
Conc: 40.65 ng/ml m



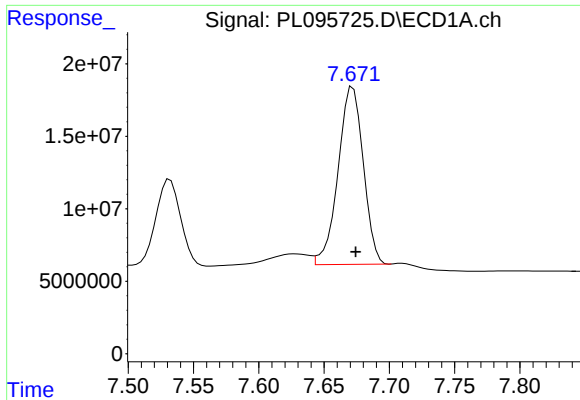
#20 Methoxychlor

R.T.: 7.532 min
Delta R.T.: -0.002 min
Response: 78071172
Conc: 46.30 ng/ml



#20 Methoxychlor

R.T.: 6.771 min
Delta R.T.: -0.003 min
Response: 116814094
Conc: 43.17 ng/ml



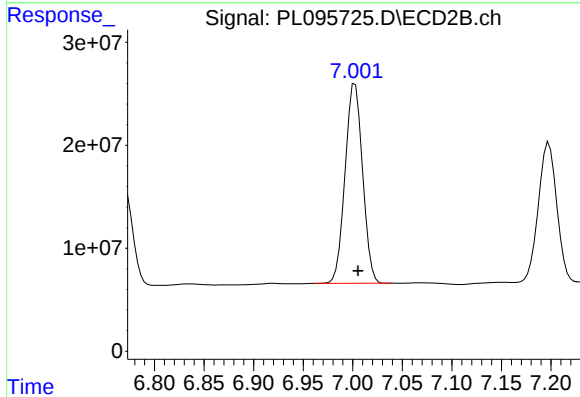
#21 Endrin ketone

R.T.: 7.672 min
Delta R.T.: -0.002 min
Response: 164553471
Conc: 43.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MS

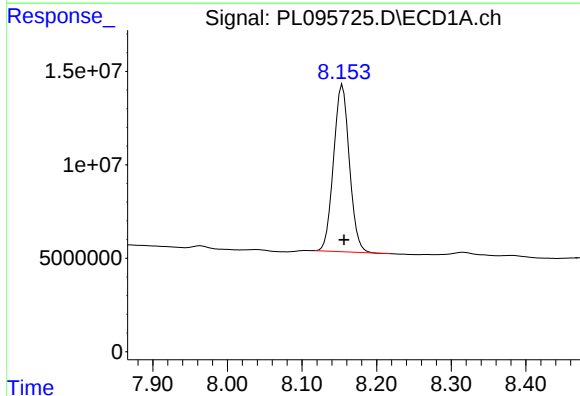
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



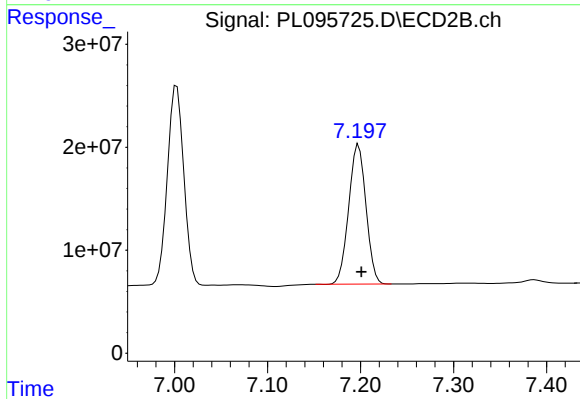
#21 Endrin ketone

R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 238344708
Conc: 40.56 ng/ml



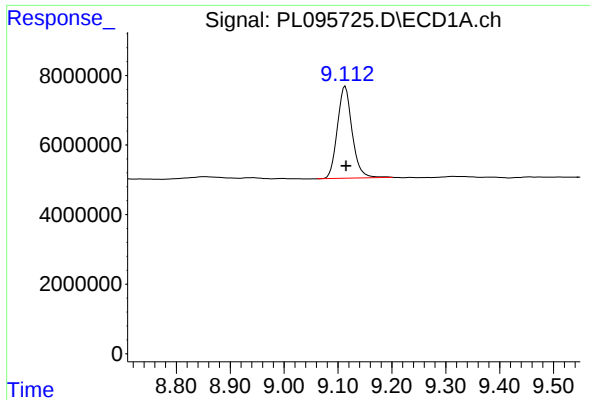
#22 Mirex

R.T.: 8.154 min
Delta R.T.: -0.002 min
Response: 131509443
Conc: 43.19 ng/ml



#22 Mirex

R.T.: 7.198 min
Delta R.T.: -0.003 min
Response: 175314393
Conc: 40.66 ng/ml



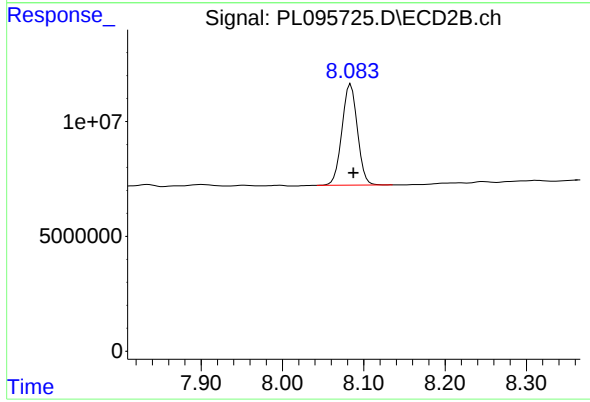
#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: -0.002 min
Response: 50475450
Conc: 14.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-24MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2025
Supervised By :mohammad ahmed 05/20/2025



#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: -0.003 min
Response: 57883181
Conc: 14.03 ng/ml