

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050925\
 Data File : PL095628.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2025 21:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/12/2025
 Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 23:19:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 16:23:18 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...	3.593	2.907	143.8E6	172.0E6	44.040	54.092
28)	SA Decachlor...	9.116	8.084	130.7E6	158.2E6	47.173	53.471
Target Compounds							
2)	A alpha-BHC	4.044	3.417	212.1E6	265.6E6	42.826	59.695 #
3)	MA gamma-BHC...	4.375	3.750	203.2E6	251.0E6	42.929	57.077 #
4)	MA Heptachlor	4.972	4.103	195.5E6	244.5E6	42.736	56.113 #
5)	MB Aldrin	5.314	4.387	208.9E6	239.9E6	45.481	58.286m#
6)	B beta-BHC	4.560	4.044	90485978	112.6E6	43.765	54.261
7)	B delta-BHC	4.807	4.280	200.7E6	256.1E6	43.152m	58.451 #
8)	B Heptachlo...	5.734	4.891	190.3E6	217.6E6	47.509m	56.325
9)	A Endosulfan I	6.117	5.264	178.5E6	193.7E6	46.995m	52.904
10)	B gamma-Chl...	5.988	5.144	193.6E6	235.7E6	47.454m	58.165
11)	B alpha-Chl...	6.070	5.208	190.6E6	229.3E6	46.872m	57.600
12)	B 4,4'-DDE	6.238	5.393	179.9E6	225.5E6	45.880m	55.436m
13)	MA Dieldrin	6.391	5.528	178.4E6	235.1E6	46.284	57.816m
14)	MA Endrin	6.618	5.805	147.1E6	210.8E6	46.190m	57.901 #
15)	B Endosulfa...	6.830	6.093	150.3E6	211.8E6	47.074m	58.992m#
16)	A 4,4'-DDD	6.747	5.945	140.8E6	195.7E6	49.739m	59.900m
17)	MA 4,4'-DDT	7.063	6.199	130.1E6	192.1E6	45.689m	55.892m
18)	B Endrin al...	6.959	6.272	109.0E6	149.8E6	46.955m	57.327
19)	B Endosulfa...	7.194	6.495	137.0E6	193.9E6	48.895	58.433
20)	A Methoxychlor	7.535	6.769	66222361	106.7E6	47.467	55.946m
21)	B Endrin ke...	7.675	7.000	139.6E6	223.9E6	48.978	63.584m#
22)	Mirex	8.157	7.196	113.4E6	164.6E6	47.723	57.090m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050925\
Data File : PL095628.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2025 21:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

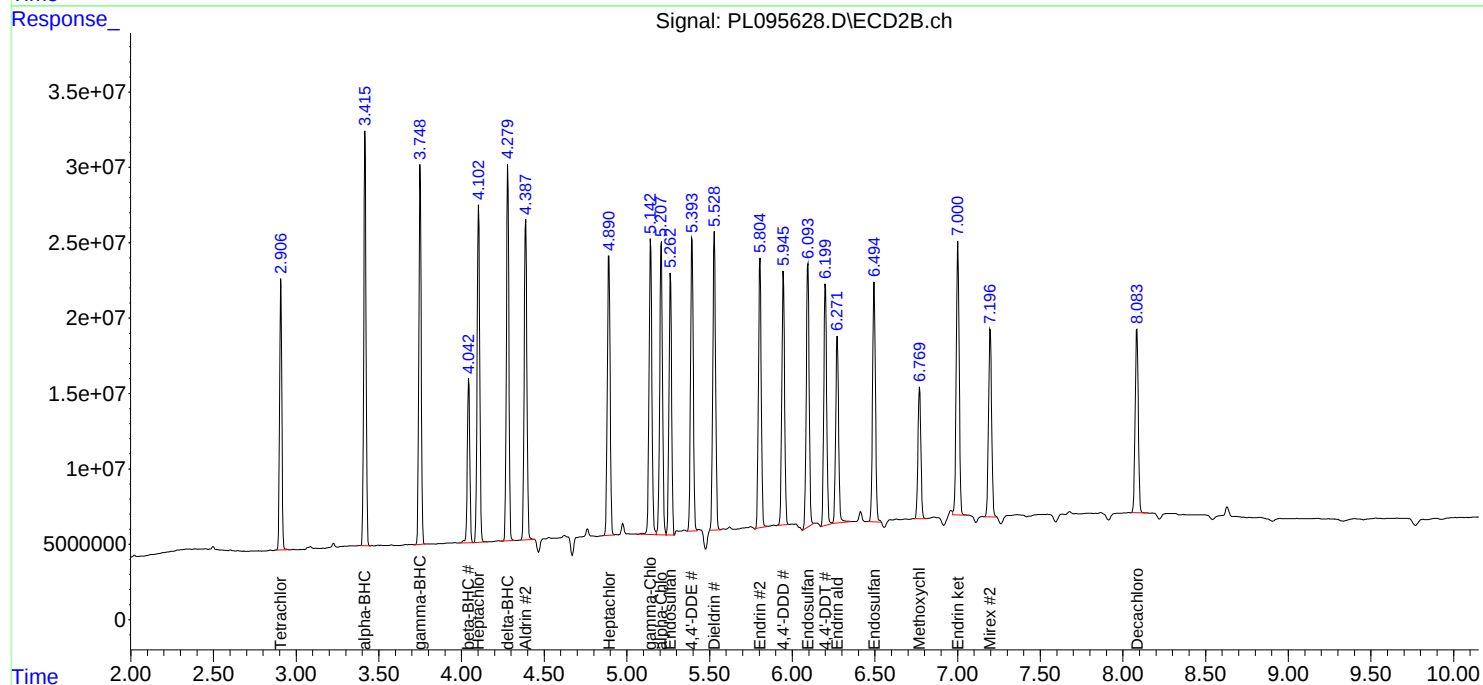
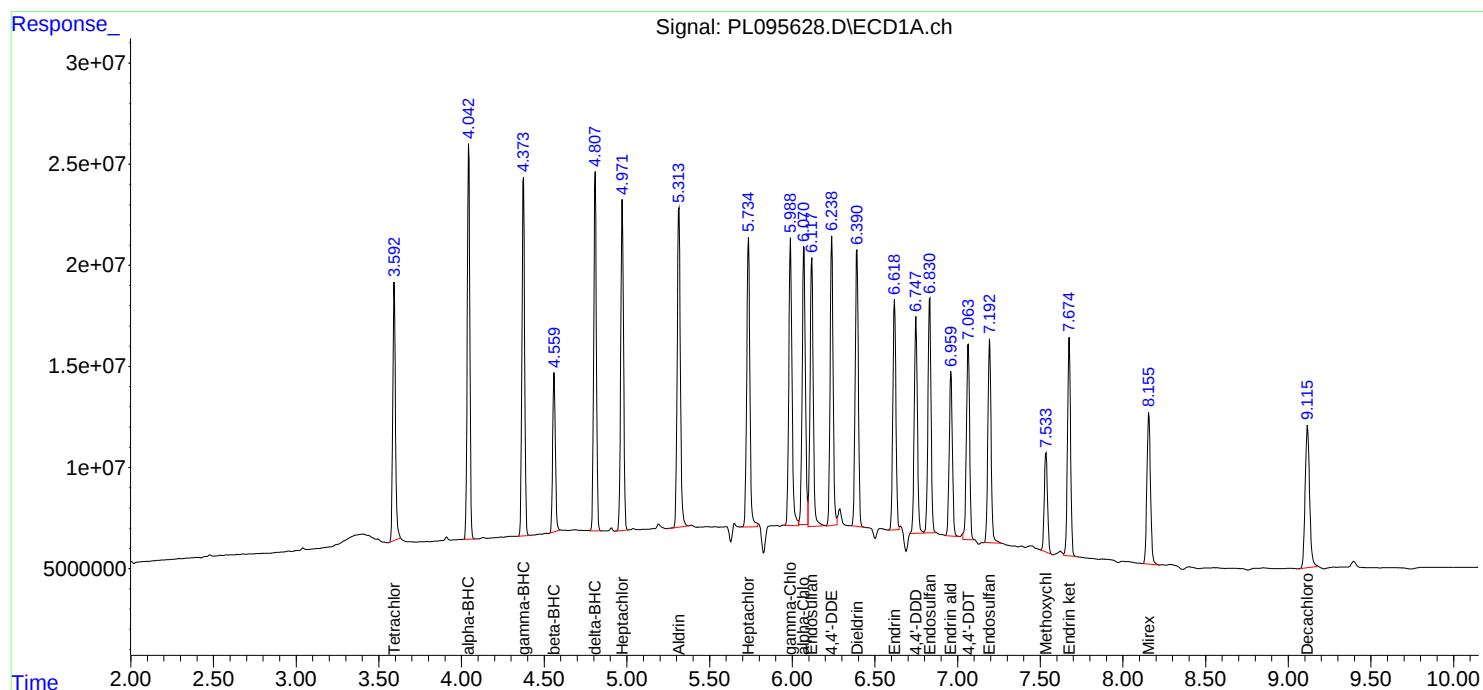
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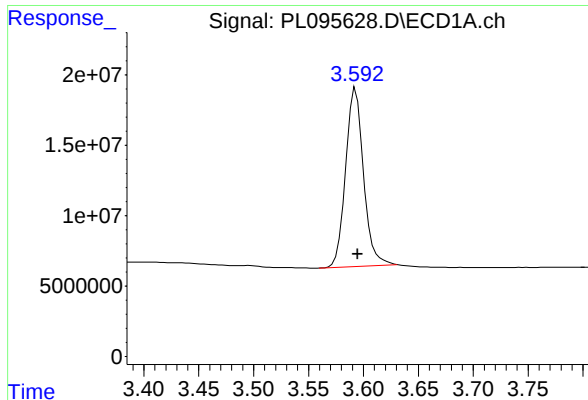
Reviewed By :Abdul Mirza 05/12/2025

Supervised By :mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 09 23:19:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042325.M
Quant Title : GC Extractables
QLast Update : Wed Apr 23 16:23:18 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





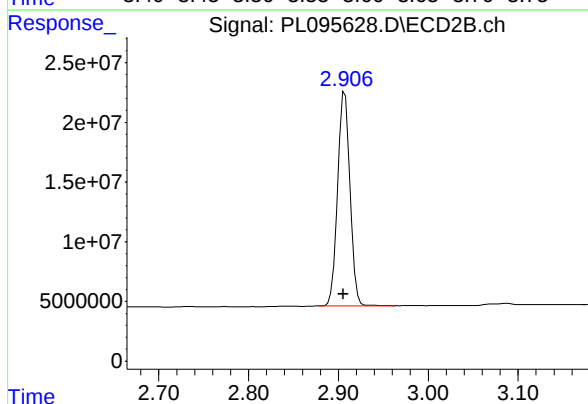
#1 Tetrachloro-m-xylene

R.T.: 3.593 min
Delta R.T.: -0.002 min
Response: 143777392
Conc: 44.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

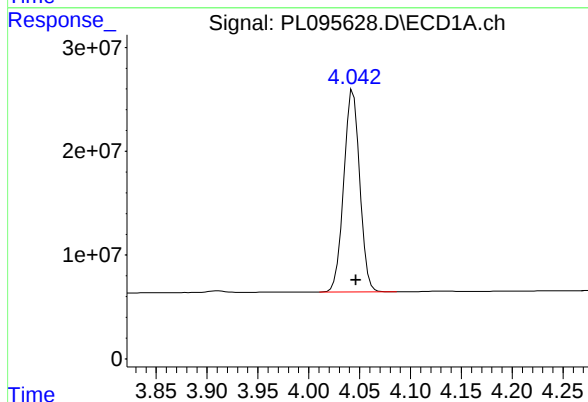
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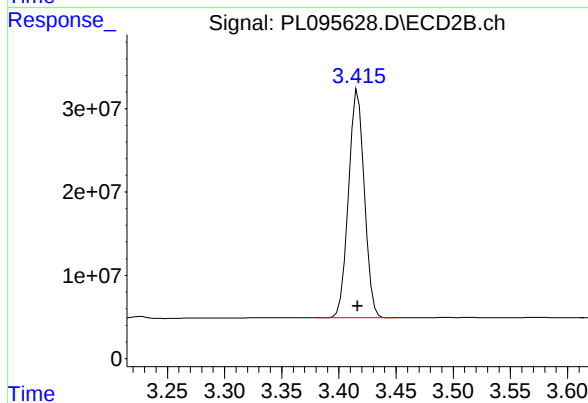
#1 Tetrachloro-m-xylene

R.T.: 2.907 min
Delta R.T.: 0.002 min
Response: 172000459
Conc: 54.09 ng/ml



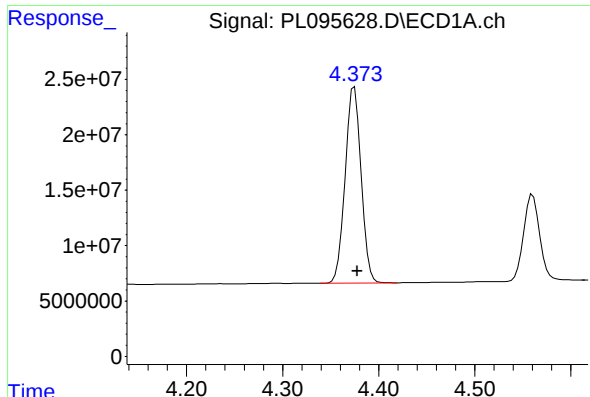
#2 alpha-BHC

R.T.: 4.044 min
Delta R.T.: -0.003 min
Response: 212146759
Conc: 42.83 ng/ml



#2 alpha-BHC

R.T.: 3.417 min
Delta R.T.: 0.000 min
Response: 265565000
Conc: 59.69 ng/ml



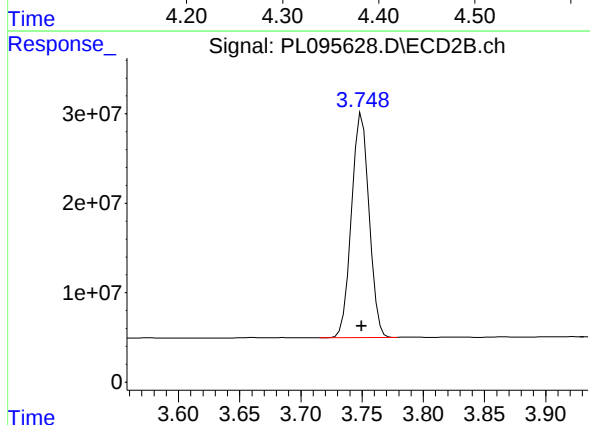
#3 gamma-BHC (Lindane)

R.T.: 4.375 min
Delta R.T.: -0.003 min
Response: 203224807
Conc: 42.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

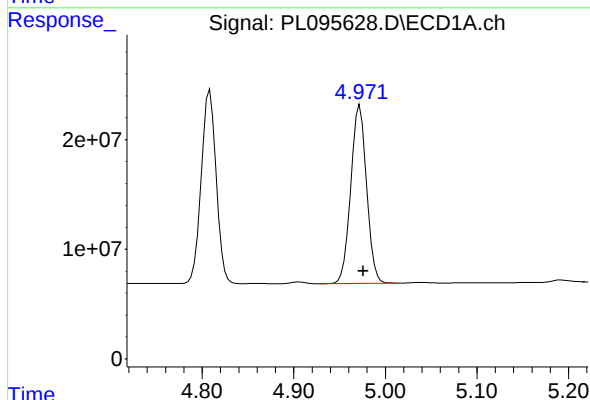
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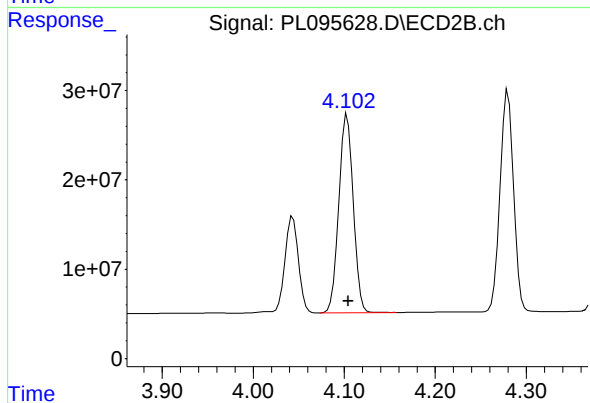
#3 gamma-BHC (Lindane)

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 251039361
Conc: 57.08 ng/ml



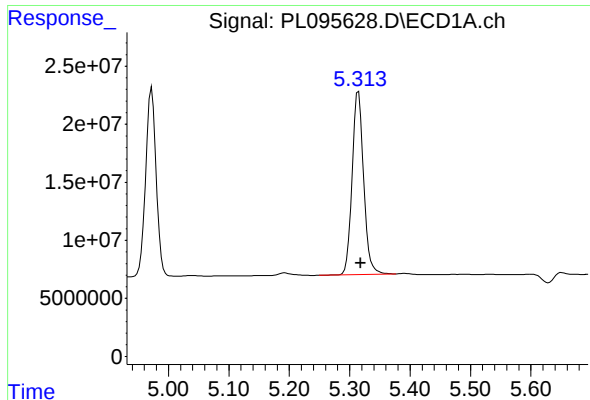
#4 Heptachlor

R.T.: 4.972 min
Delta R.T.: -0.004 min
Response: 195492445
Conc: 42.74 ng/ml



#4 Heptachlor

R.T.: 4.103 min
Delta R.T.: -0.001 min
Response: 244469635
Conc: 56.11 ng/ml



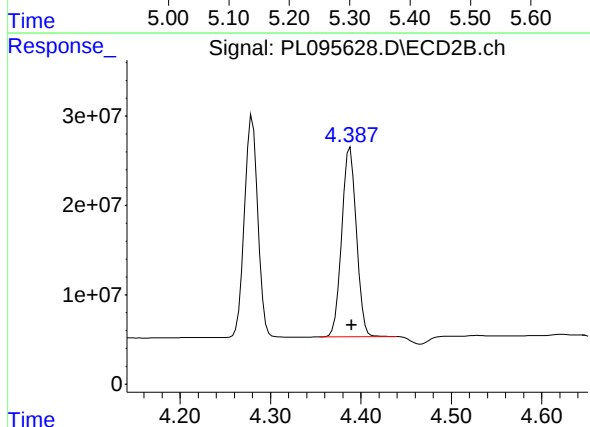
#5 Aldrin

R.T.: 5.314 min
Delta R.T.: -0.004 min
Response: 208897377
Conc: 45.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

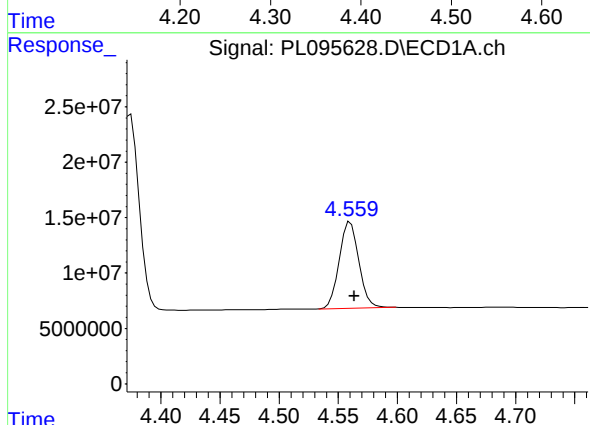
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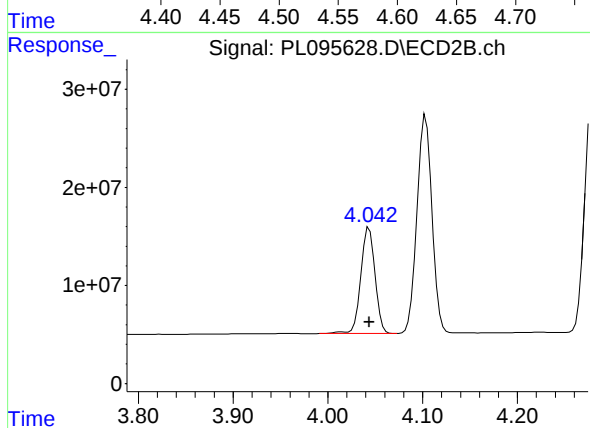
#5 Aldrin

R.T.: 4.387 min
Delta R.T.: -0.003 min
Response: 239884610
Conc: 58.29 ng/ml



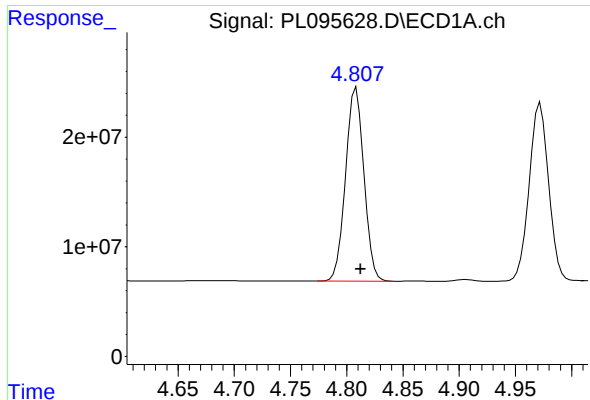
#6 beta-BHC

R.T.: 4.560 min
Delta R.T.: -0.003 min
Response: 90485978
Conc: 43.77 ng/ml



#6 beta-BHC

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 112638095
Conc: 54.26 ng/ml



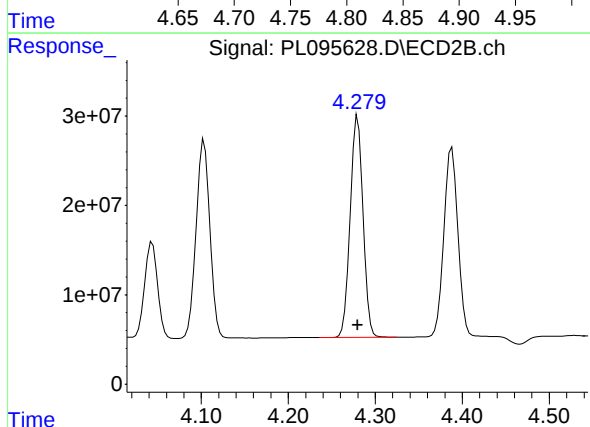
#7 delta-BHC

R.T.: 4.807 min
Delta R.T.: -0.005 min
Response: 200688328
Conc: 43.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

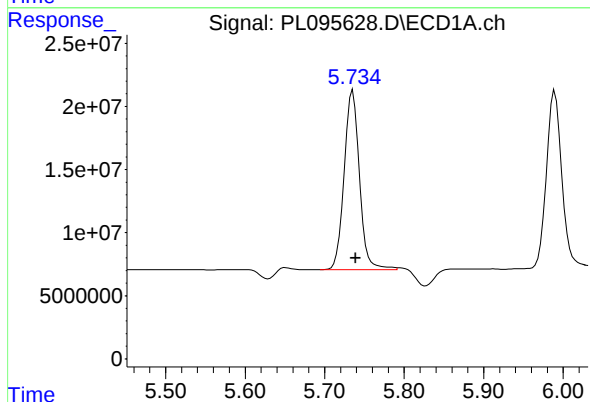
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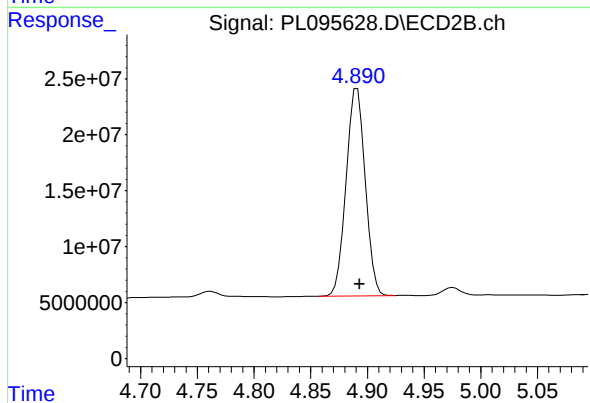
#7 delta-BHC

R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 256131142
Conc: 58.45 ng/ml



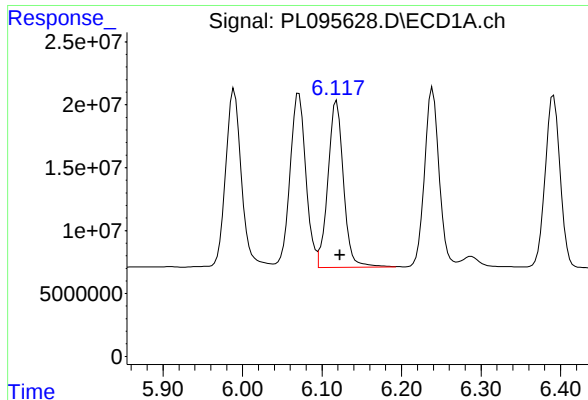
#8 Heptachlor epoxide

R.T.: 5.734 min
Delta R.T.: -0.005 min
Response: 190280687
Conc: 47.51 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.891 min
Delta R.T.: -0.002 min
Response: 217564349
Conc: 56.32 ng/ml



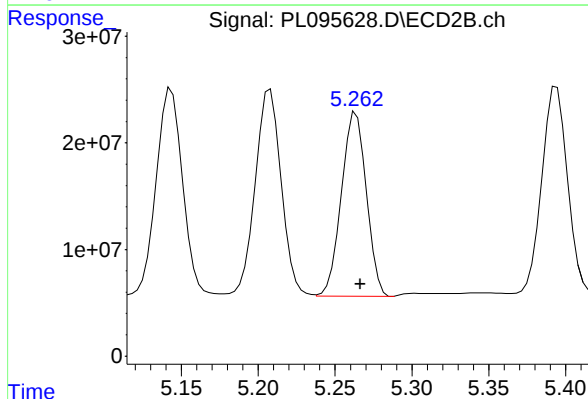
#9 Endosulfan I

R.T.: 6.117 min
Delta R.T.: -0.006 min
Response: 178463324
Conc: 46.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

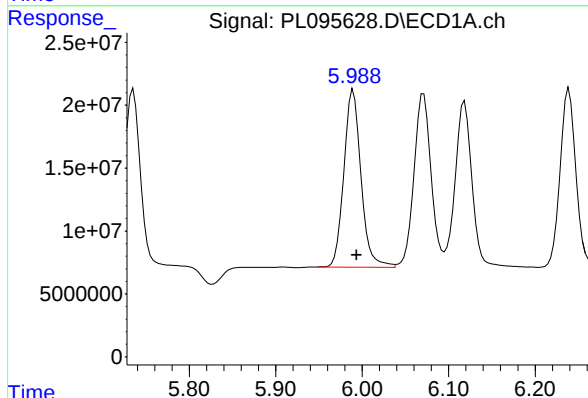
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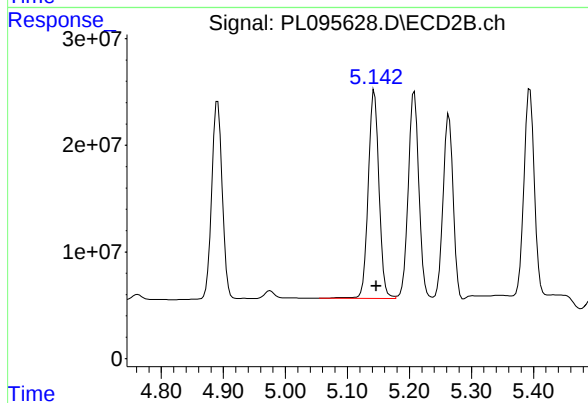
#9 Endosulfan I

R.T.: 5.264 min
Delta R.T.: -0.003 min
Response: 193652197
Conc: 52.90 ng/ml



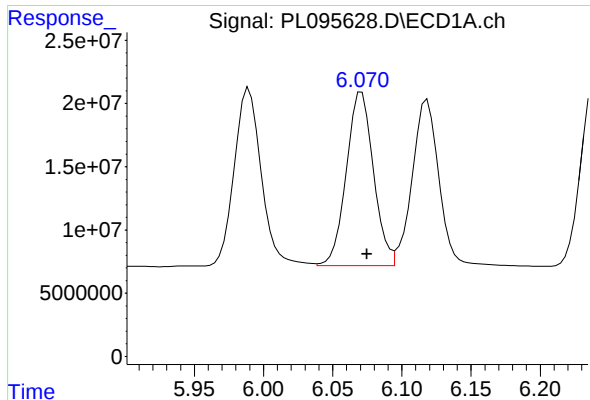
#10 gamma-Chlordane

R.T.: 5.988 min
Delta R.T.: -0.005 min
Response: 193582255
Conc: 47.45 ng/ml m



#10 gamma-Chlordane

R.T.: 5.144 min
Delta R.T.: -0.003 min
Response: 235721817
Conc: 58.16 ng/ml



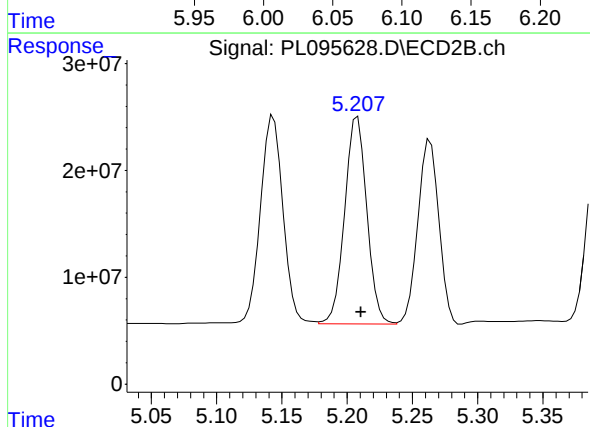
#11 alpha-Chlordane

R.T.: 6.070 min
Delta R.T.: -0.005 min
Response: 190587377
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

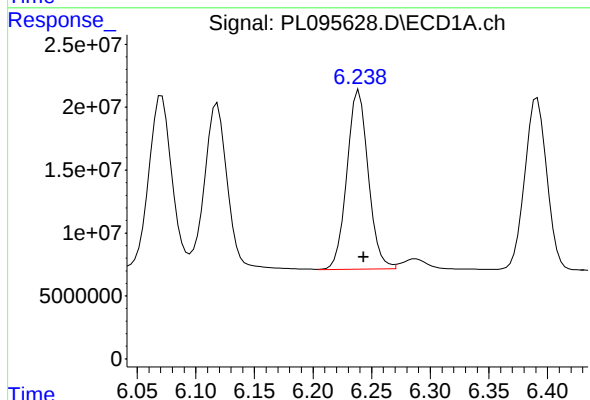
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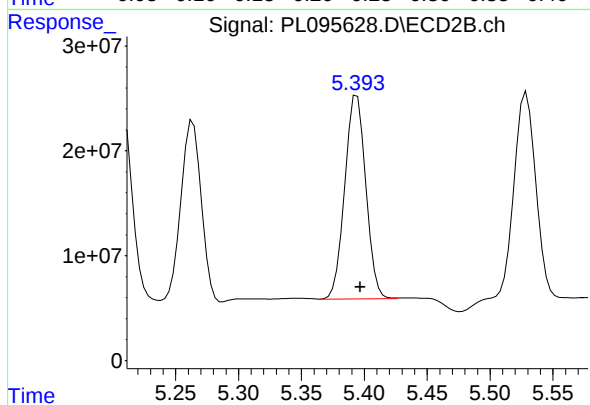
#11 alpha-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.003 min
Response: 229311149
Conc: 57.60 ng/ml



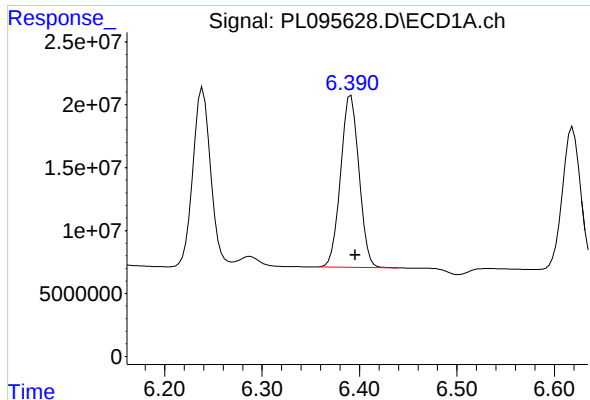
#12 4,4'-DDE

R.T.: 6.238 min
Delta R.T.: -0.005 min
Response: 179876631
Conc: 45.88 ng/ml m



#12 4,4'-DDE

R.T.: 5.393 min
Delta R.T.: -0.004 min
Response: 225457767
Conc: 55.44 ng/ml m



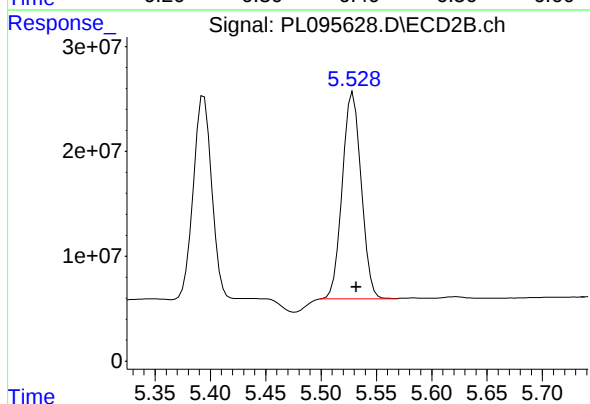
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: -0.004 min
Response: 178415327
Conc: 46.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

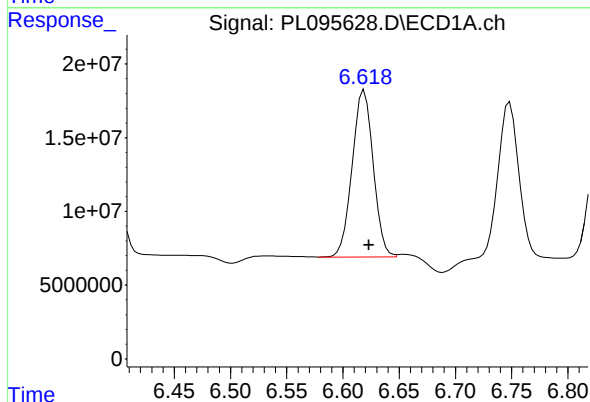
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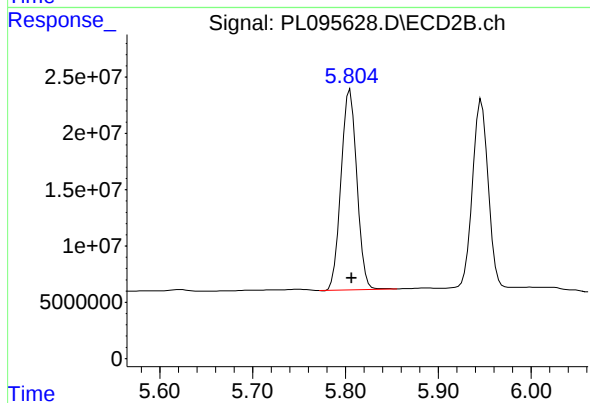
#13 Dieldrin

R.T.: 5.528 min
Delta R.T.: -0.004 min
Response: 235142510
Conc: 57.82 ng/ml m



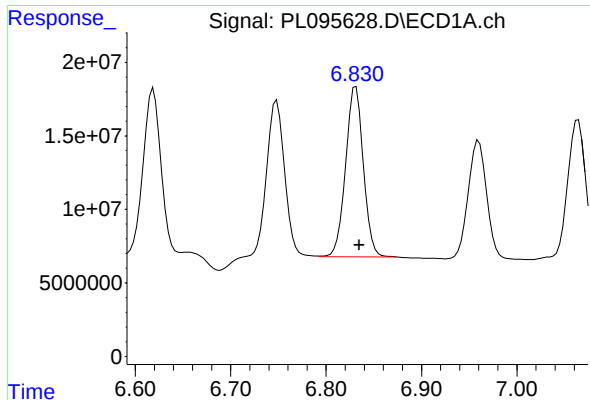
#14 Endrin

R.T.: 6.618 min
Delta R.T.: -0.006 min
Response: 147102448
Conc: 46.19 ng/ml m



#14 Endrin

R.T.: 5.805 min
Delta R.T.: -0.002 min
Response: 210799878
Conc: 57.90 ng/ml



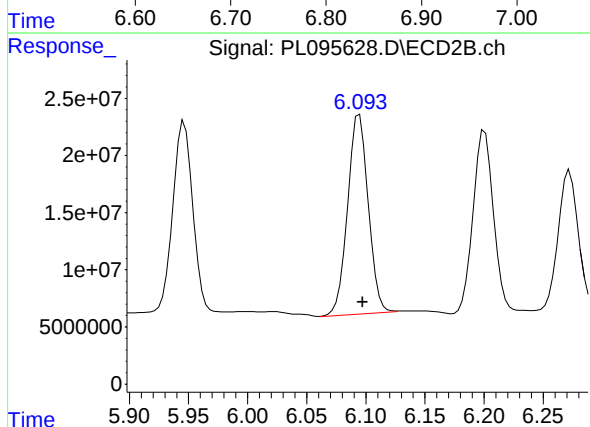
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.005 min
Response: 150266588
Conc: 47.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

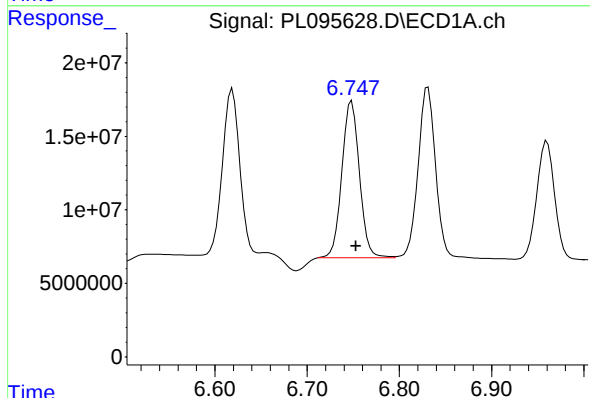
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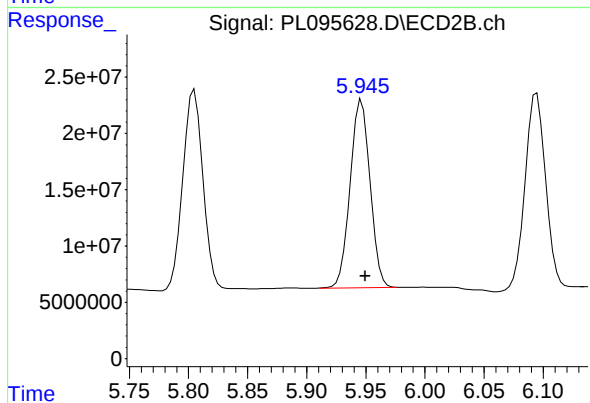
#15 Endosulfan II

R.T.: 6.093 min
Delta R.T.: -0.004 min
Response: 211845084
Conc: 58.99 ng/ml



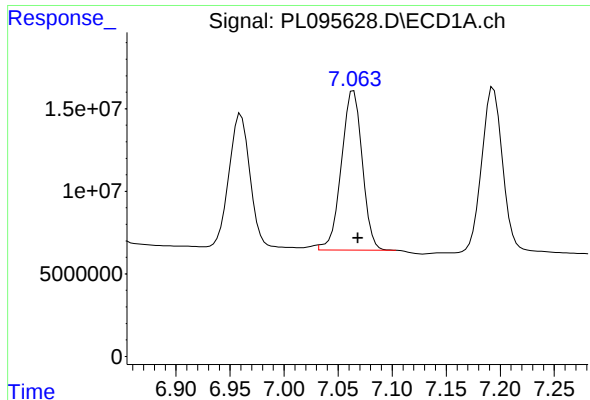
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: -0.006 min
Response: 140807770
Conc: 49.74 ng/ml



#16 4,4'-DDD

R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 195681745
Conc: 59.90 ng/ml



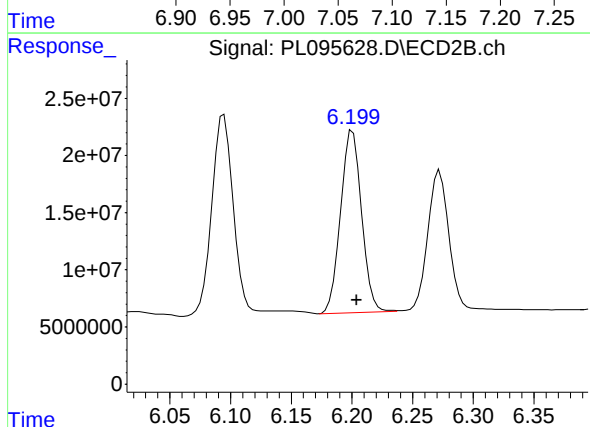
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: -0.006 min
Response: 130149366
Conc: 45.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

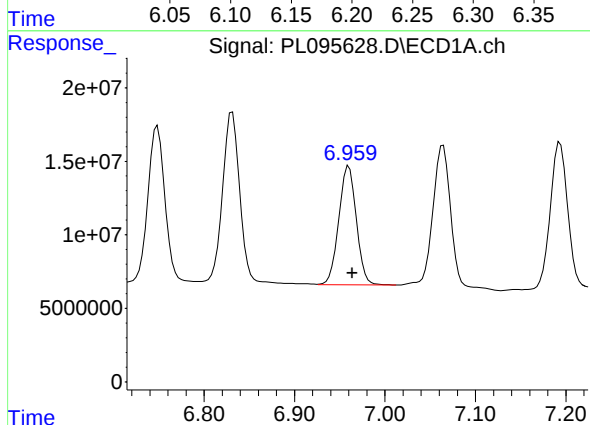
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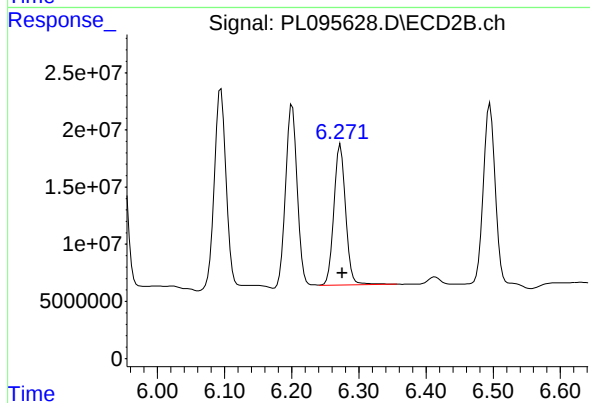
#17 4,4'-DDT

R.T.: 6.199 min
Delta R.T.: -0.005 min
Response: 192055002
Conc: 55.89 ng/ml



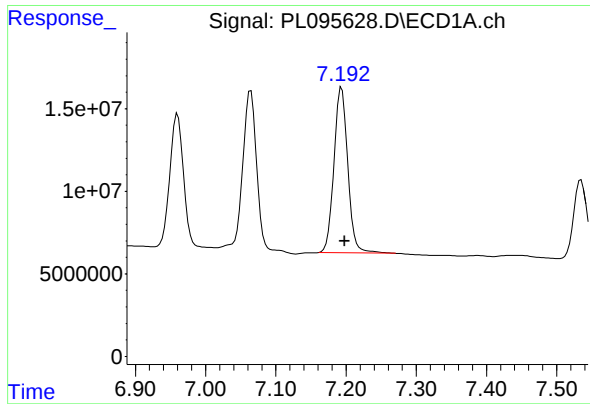
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: -0.005 min
Response: 108973640
Conc: 46.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.272 min
Delta R.T.: -0.003 min
Response: 149805693
Conc: 57.33 ng/ml



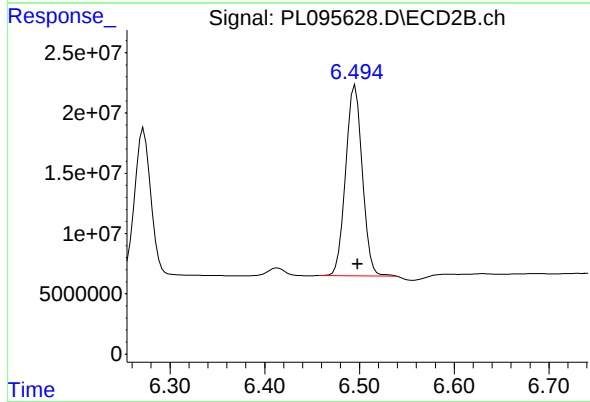
#19 Endosulfan Sulfate

R.T.: 7.194 min
Delta R.T.: -0.004 min
Response: 136993611
Conc: 48.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

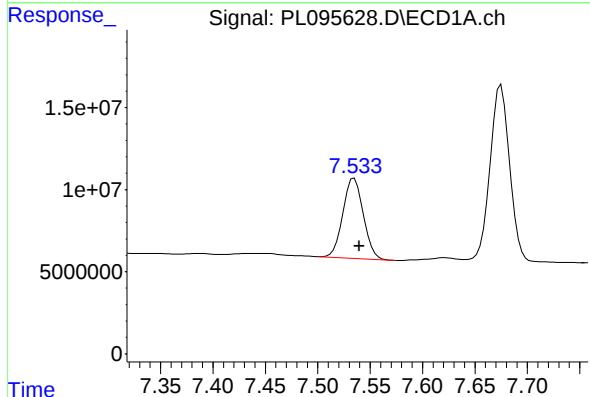
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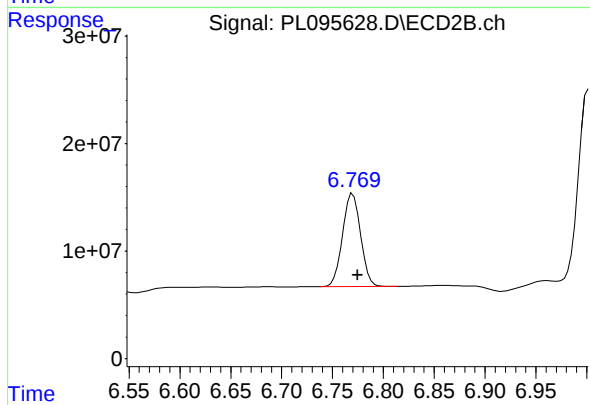
#19 Endosulfan Sulfate

R.T.: 6.495 min
Delta R.T.: -0.003 min
Response: 193876133
Conc: 58.43 ng/ml



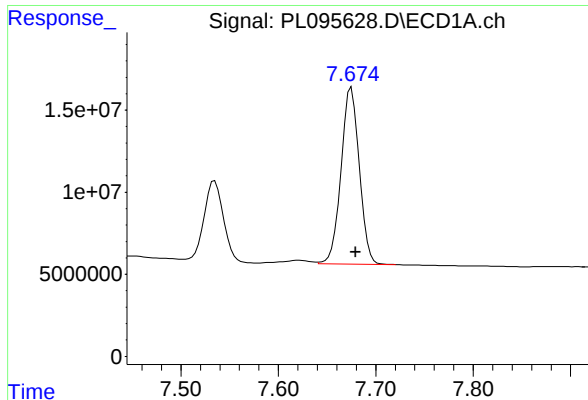
#20 Methoxychlor

R.T.: 7.535 min
Delta R.T.: -0.005 min
Response: 66222361
Conc: 47.47 ng/ml



#20 Methoxychlor

R.T.: 6.769 min
Delta R.T.: -0.006 min
Response: 106712947
Conc: 55.95 ng/ml m



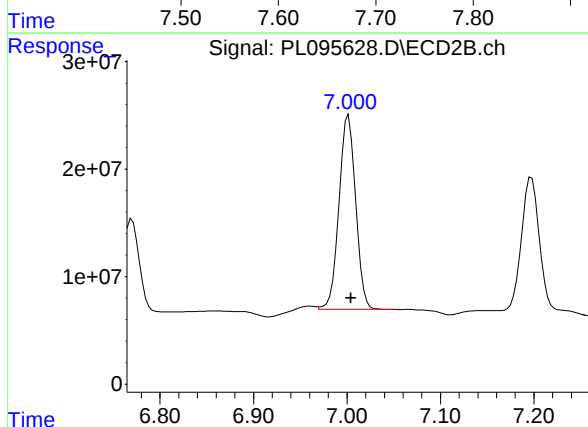
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: -0.004 min
Response: 139630374
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

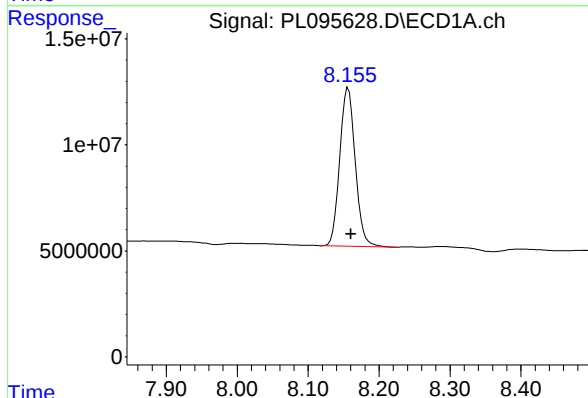
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2025
Supervised By :mohammad ahmed 05/14/2025



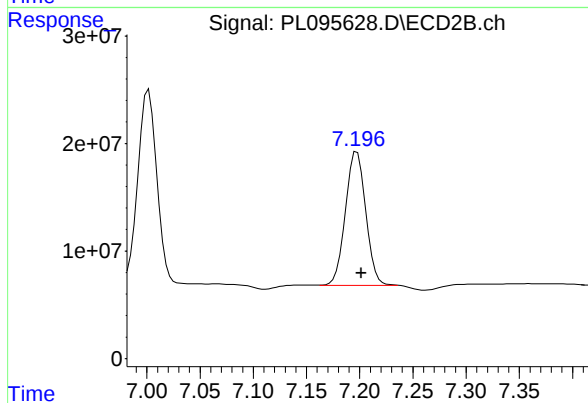
#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: -0.004 min
Response: 223899315
Conc: 63.58 ng/ml m



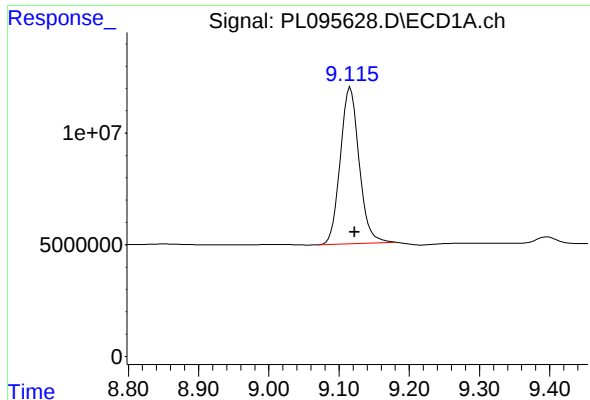
#22 Mirex

R.T.: 8.157 min
Delta R.T.: -0.004 min
Response: 113392721
Conc: 47.72 ng/ml



#22 Mirex

R.T.: 7.196 min
Delta R.T.: -0.006 min
Response: 164555569
Conc: 57.09 ng/ml m



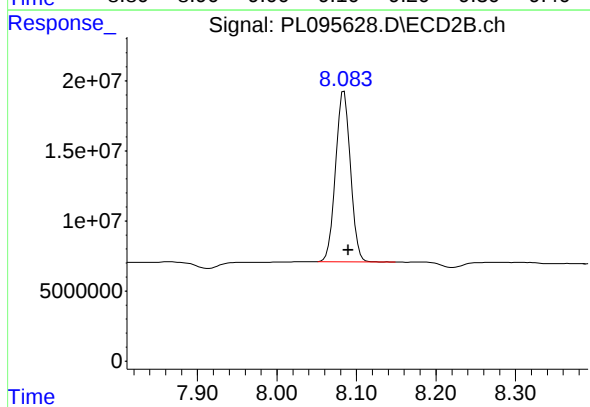
#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: -0.006 min
Response: 130707499
Conc: 47.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2025
Supervised By :mohammad ahmed 05/14/2025



#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: -0.005 min
Response: 158233626
Conc: 53.47 ng/ml