

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030725\
 Data File : PL094549.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 14:56
 Operator : AR\AJ
 Sample : Q1507-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 50-MIDDLESEX-AVEMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/10/2025
 Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 23:57:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.535	2.771	38439476	47749518	15.139m	14.963
28)	SA Decachlor...	9.052	7.907	30741963	42152812	14.451m	10.961
Target Compounds							
2)	A alpha-BHC	3.992	3.273	160.8E6	203.2E6	42.506m	41.351
3)	MA gamma-BHC...	4.325	3.602	161.6E6	198.5E6	43.733m	42.140m
4)	MA Heptachlor	4.914	3.942	143.5E6	199.7E6	42.329	42.300
5)	MB Aldrin	5.254	4.220	163.7E6	207.4E6	47.703m	44.881m
6)	B beta-BHC	4.524	3.905	75960621	115.3E6	47.567m	57.984
7)	B delta-BHC	4.770	4.133	170.0E6	195.3E6	48.052m	41.239
8)	B Heptachlo...	5.680	4.724	185.4E6	175.6E6	61.521m	41.269 #
9)	A Endosulfan I	6.067	5.094	119.1E6	133.9E6	43.315m	33.588
10)	B gamma-Chl...	5.939	4.972	175.4E6	225.8E6	59.752	52.033m
11)	B alpha-Chl...	6.018	5.037	141.2E6	212.0E6	48.755	49.097
12)	B 4,4'-DDE	6.190	5.224	159.8E6	179.0E6	61.185m	42.618m#
13)	MA Dieldrin	6.342	5.357	149.0E6	347.0E6	52.281m	79.183m#
14)	MA Endrin	6.572	5.632	174.8E6	189.4E6	68.495m	55.635m
15)	B Endosulfa...	6.792	5.925	101.5E6	234.7E6	40.328m	62.767m#
16)	A 4,4'-DDD	6.711	5.780	143.0E6	142.5E6	77.304m	44.739m#
17)	MA 4,4'-DDT	7.022	6.028	113.5E6	323.6E6	54.029m	90.981m#
18)	B Endrin al...	6.925	6.108	92565371	141.2E6	47.548	44.688
19)	B Endosulfa...	7.158	6.329	107.4E6	185.3E6	47.455	50.157m
20)	A Methoxychlor	7.499	6.605	51367622	68864505	46.234m	35.297m
21)	B Endrin ke...	7.643	6.836	115.6E6	154.6E6	46.116m	36.228
22)	Mirex	8.115	7.014	81970739	121.2E6	39.728m	34.753m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030725\
Data File : PL094549.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 14:56
Operator : AR\AJ
Sample : Q1507-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

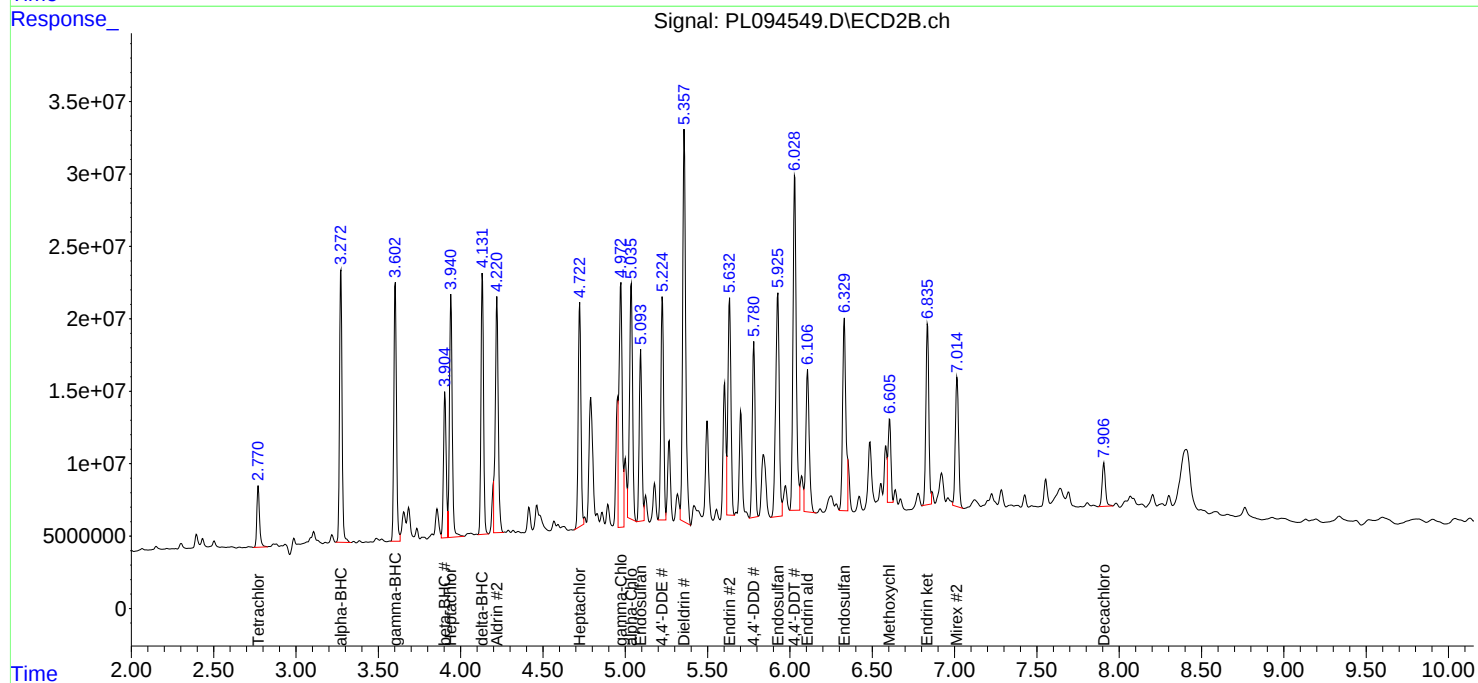
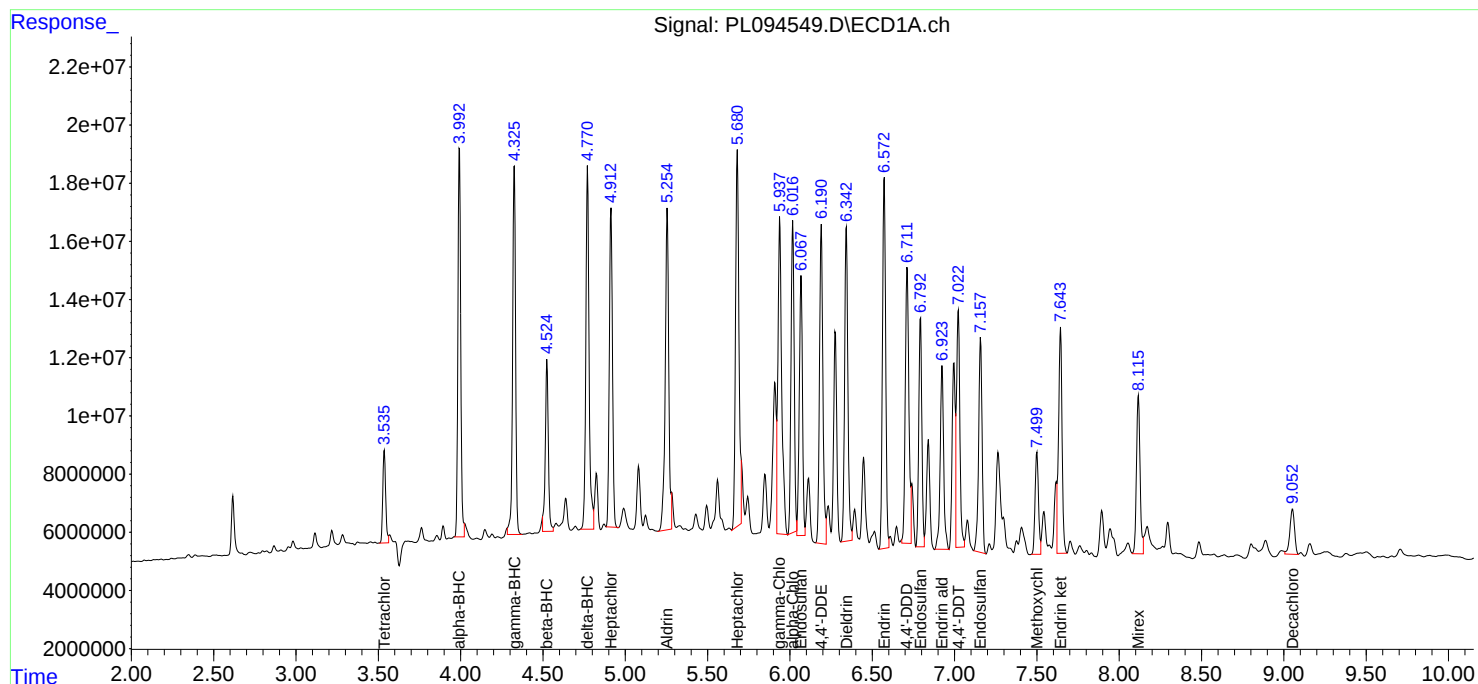
Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMS

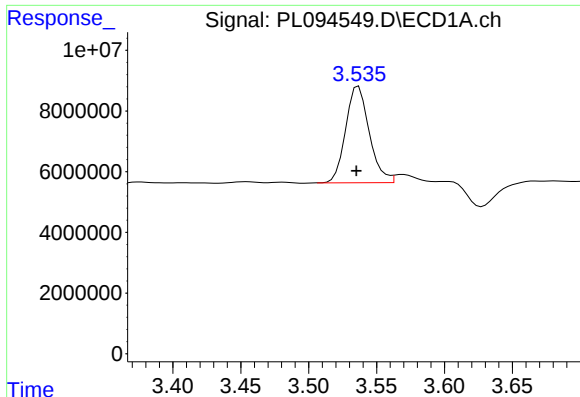
Manual Integrations
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Supervised By :Ankita Jodhani 03/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 07 23:57:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





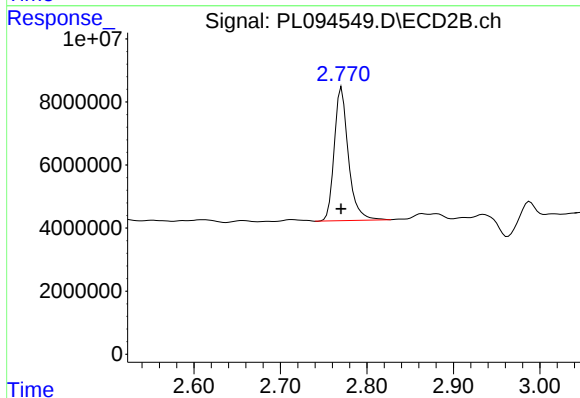
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 38439476
Conc: 15.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMS

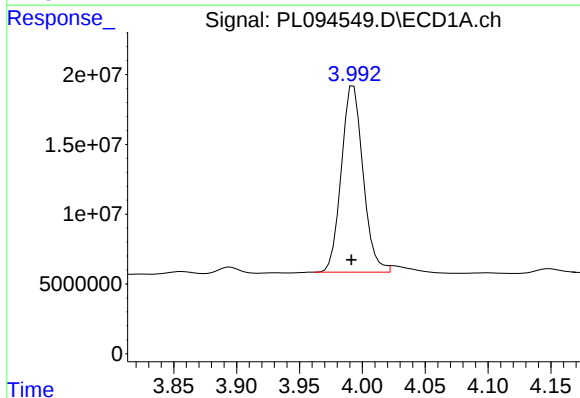
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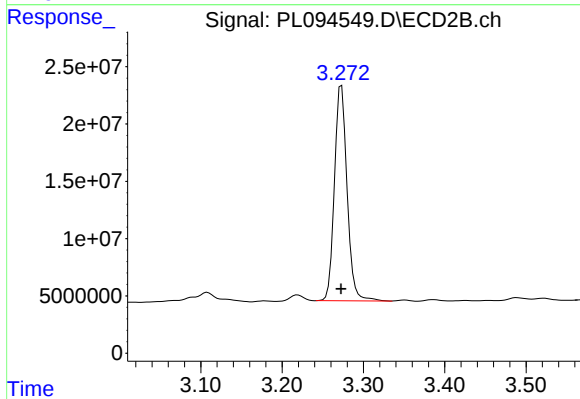
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 47749518
Conc: 14.96 ng/ml



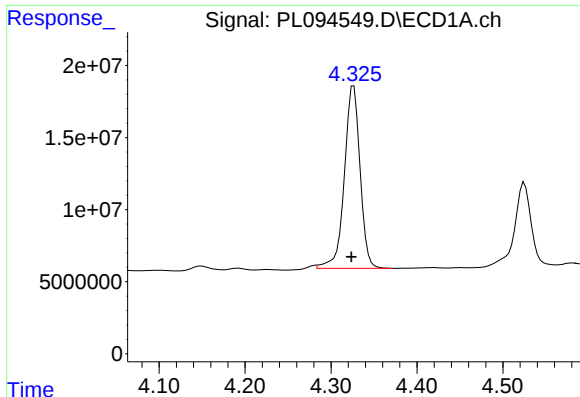
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 160785421
Conc: 42.51 ng/ml m



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 203229546
Conc: 41.35 ng/ml



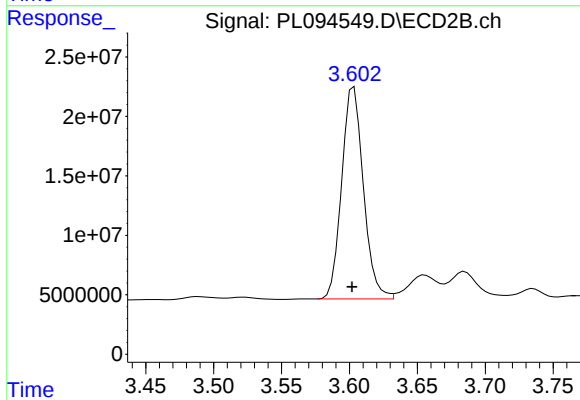
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.001 min
Response: 161581400
Conc: 43.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMS

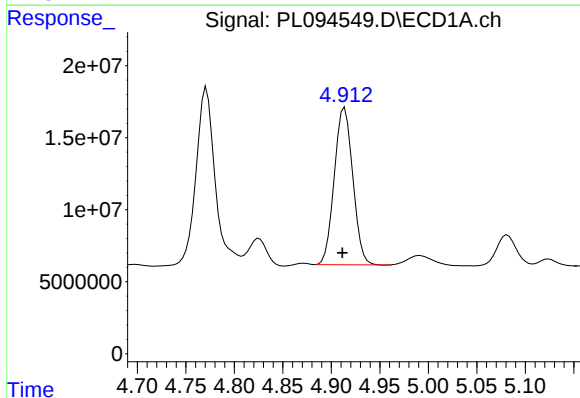
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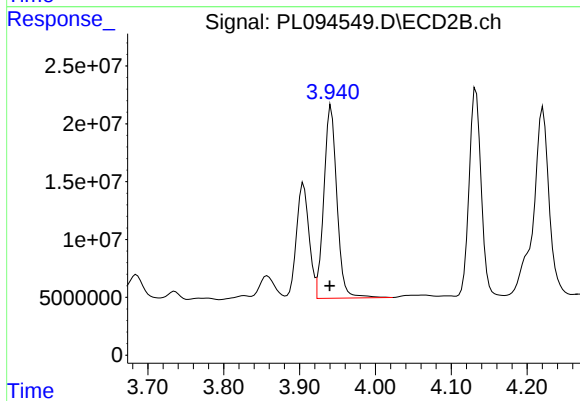
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: 0.000 min
Response: 198478060
Conc: 42.14 ng/ml m



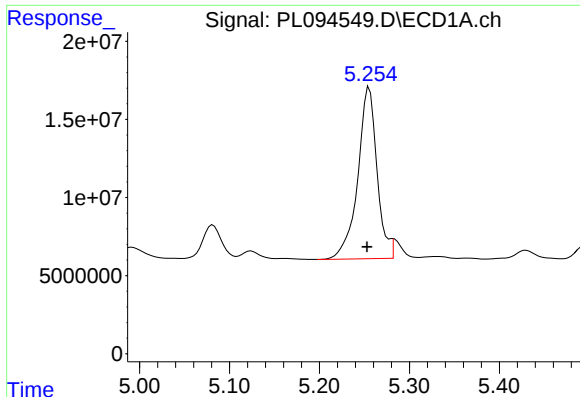
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.002 min
Response: 143511615
Conc: 42.33 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 199668661
Conc: 42.30 ng/ml



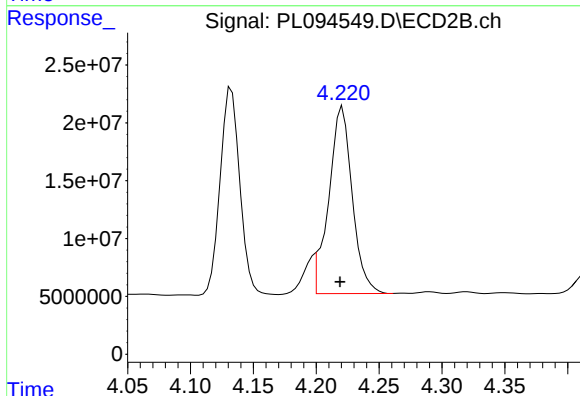
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.000 min
Response: 163706195
Conc: 47.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMS

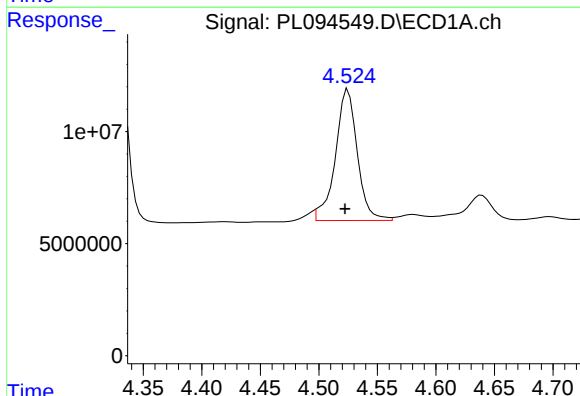
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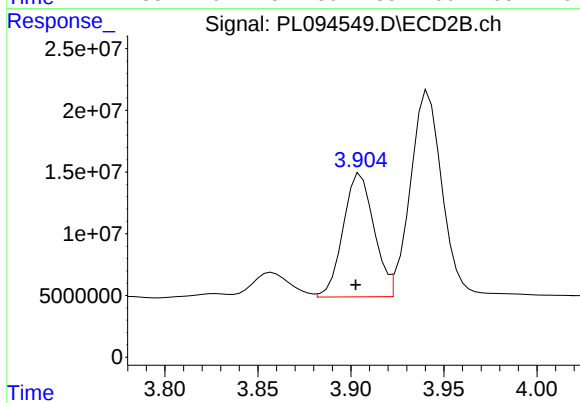
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 207367595
Conc: 44.88 ng/ml m



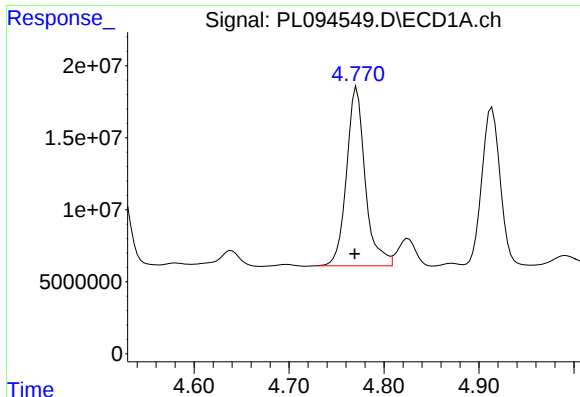
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.001 min
Response: 75960621
Conc: 47.57 ng/ml m



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: 0.003 min
Response: 115325858
Conc: 57.98 ng/ml



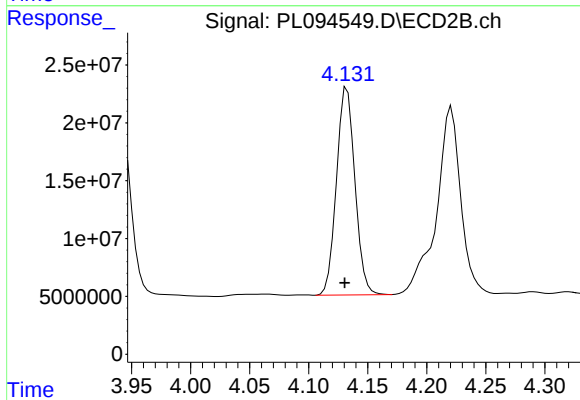
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 170022228
Conc: 48.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMS

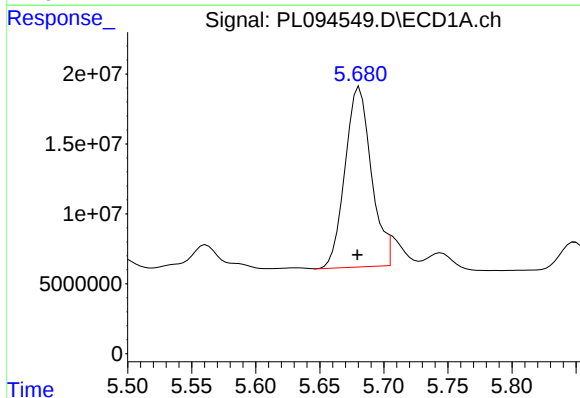
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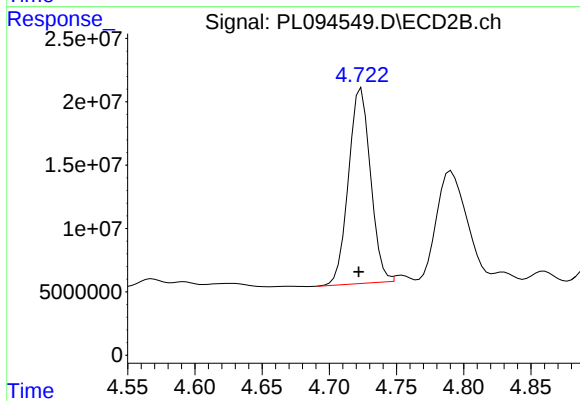
#7 delta-BHC

R.T.: 4.133 min
Delta R.T.: 0.002 min
Response: 195295169
Conc: 41.24 ng/ml



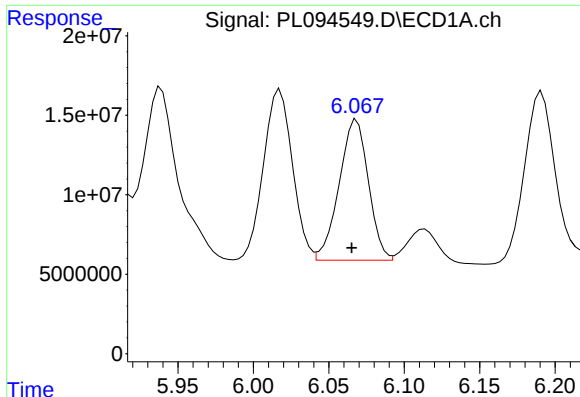
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 185388131
Conc: 61.52 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 175613586
Conc: 41.27 ng/ml



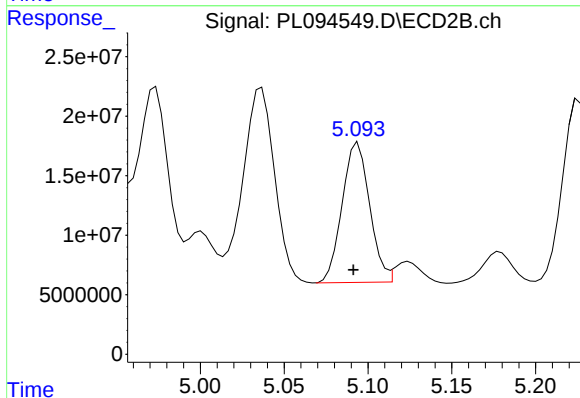
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.002 min
Response: 119055679
Conc: 43.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMS

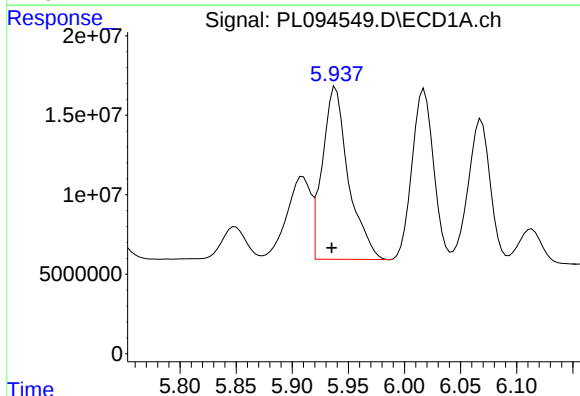
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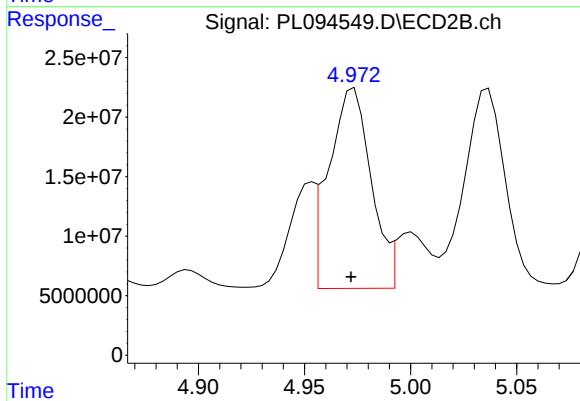
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.003 min
Response: 133902098
Conc: 33.59 ng/ml



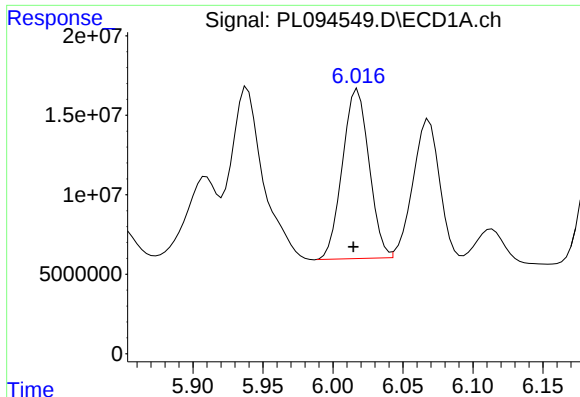
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.003 min
Response: 175438688
Conc: 59.75 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 225761021
Conc: 52.03 ng/ml m



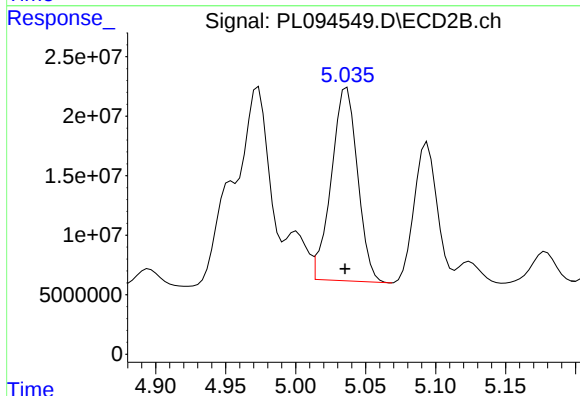
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.003 min
Response: 141248587
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMS

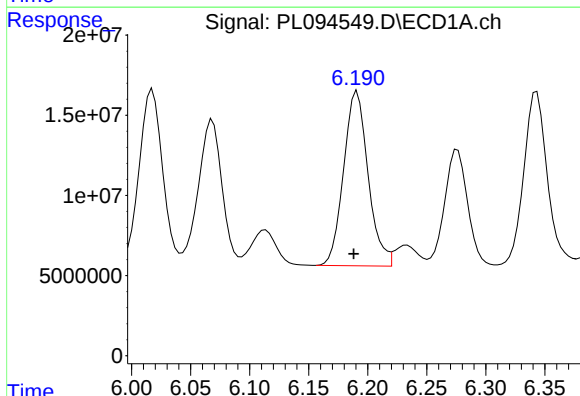
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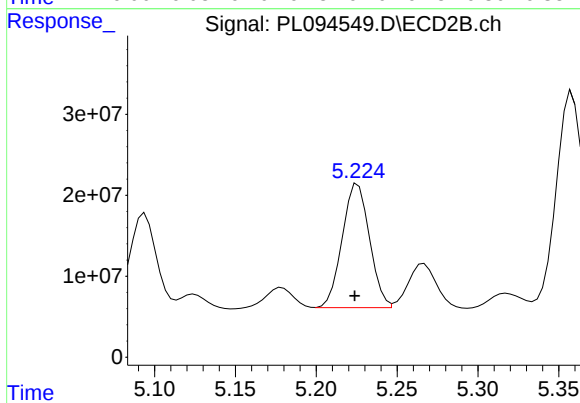
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.001 min
Response: 211983467
Conc: 49.10 ng/ml



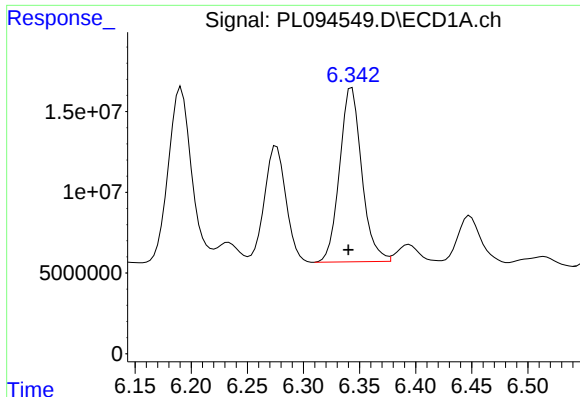
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 159797589
Conc: 61.18 ng/ml m



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 178996301
Conc: 42.62 ng/ml m



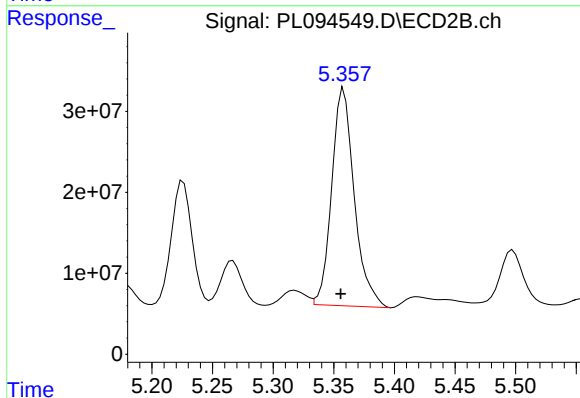
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.002 min
Response: 148950952
Conc: 52.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
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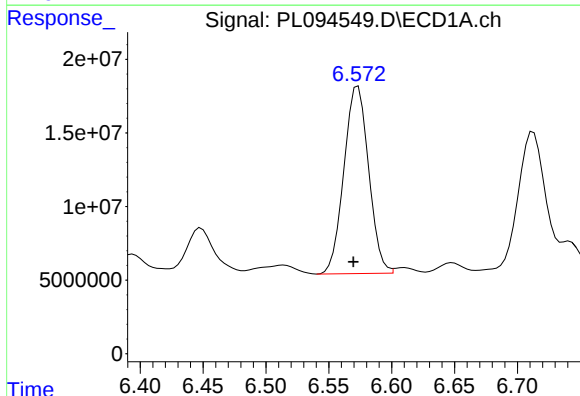
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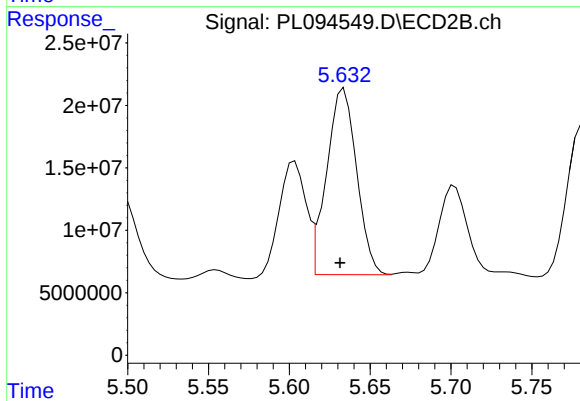
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.001 min
Response: 346964415
Conc: 79.18 ng/ml m



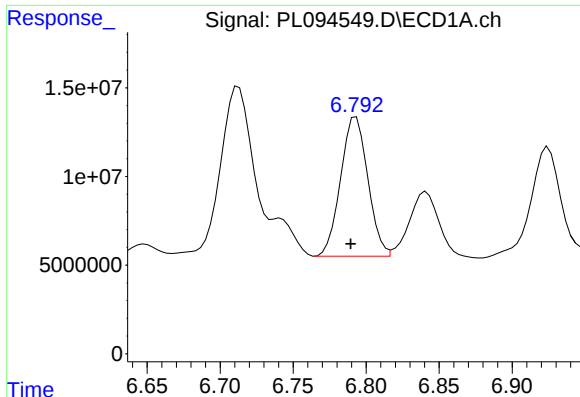
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.002 min
Response: 174817708
Conc: 68.49 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.001 min
Response: 189421629
Conc: 55.64 ng/ml m



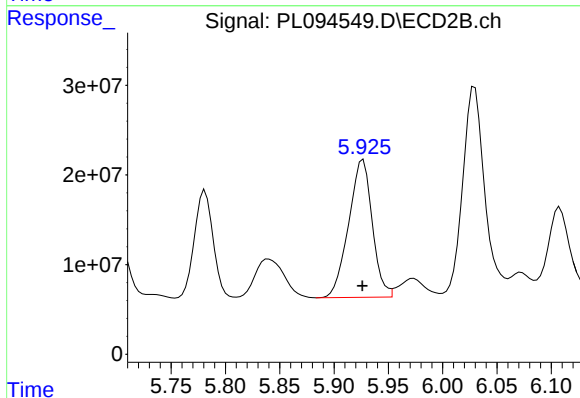
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.002 min
Response: 101516006
Conc: 40.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
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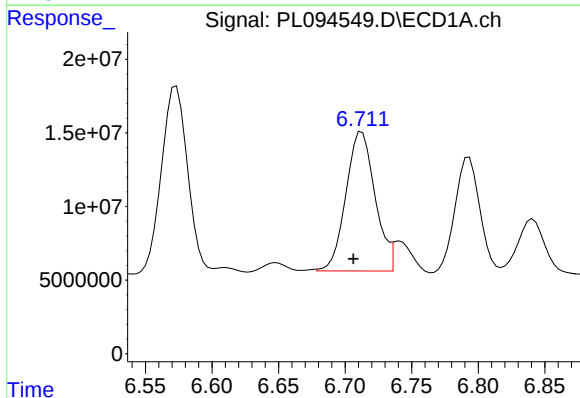
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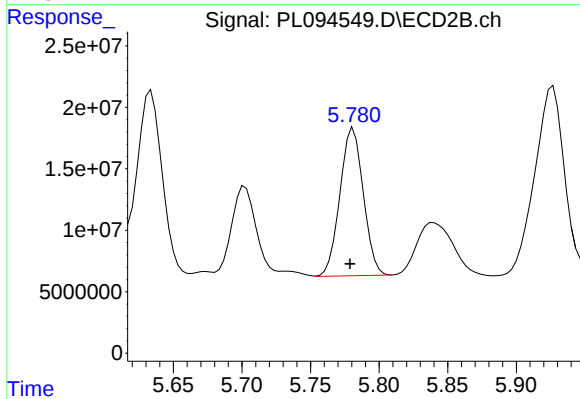
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 234719860
Conc: 62.77 ng/ml m



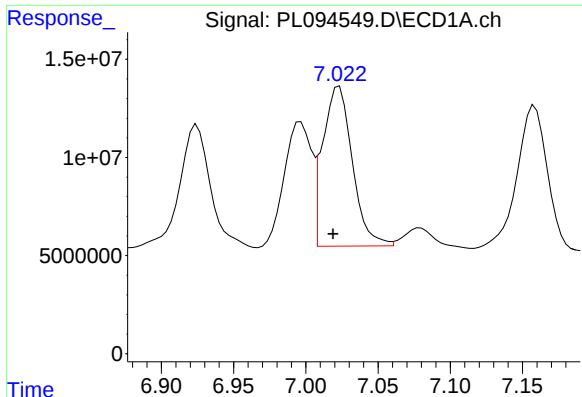
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.005 min
Response: 142992700
Conc: 77.30 ng/ml m



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 142507518
Conc: 44.74 ng/ml m



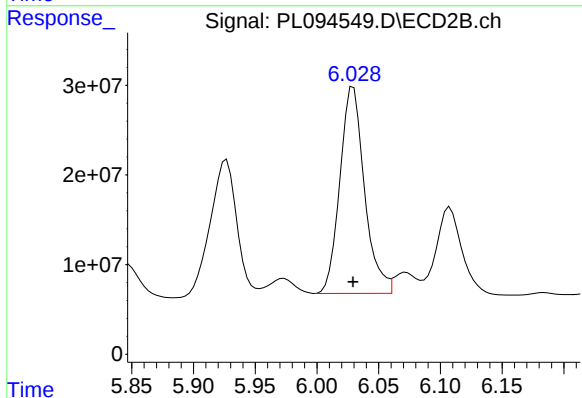
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.003 min
Response: 113461629
Conc: 54.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMS

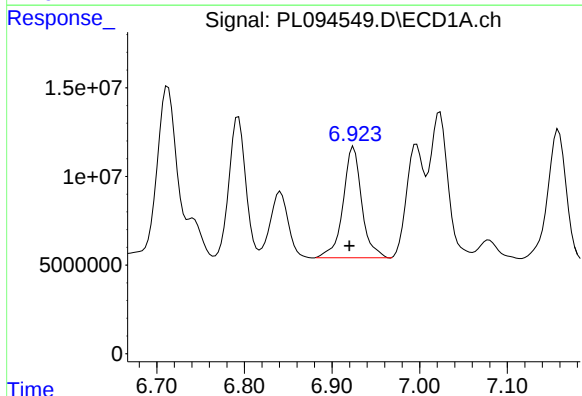
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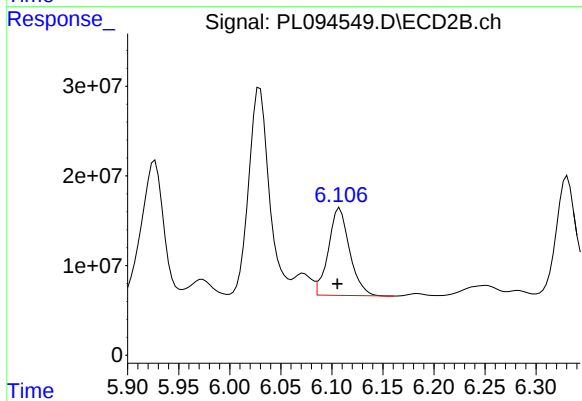
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.001 min
Response: 323619080
Conc: 90.98 ng/ml m



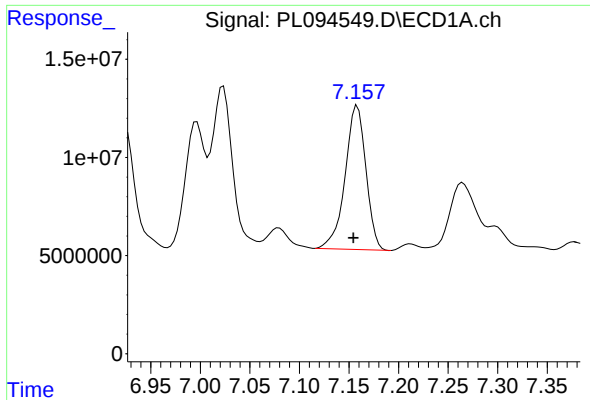
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.005 min
Response: 92565371
Conc: 47.55 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 141231959
Conc: 44.69 ng/ml



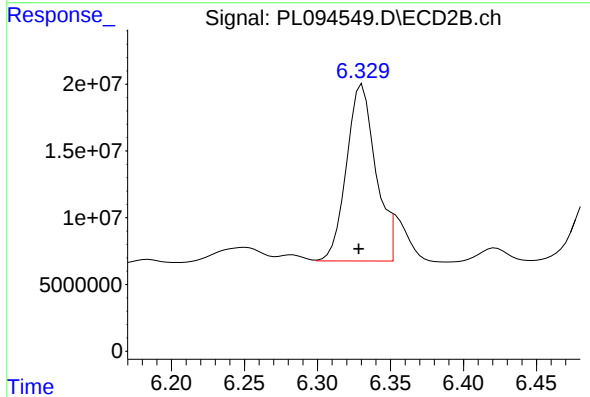
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.004 min
Response: 107431509
Conc: 47.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMS

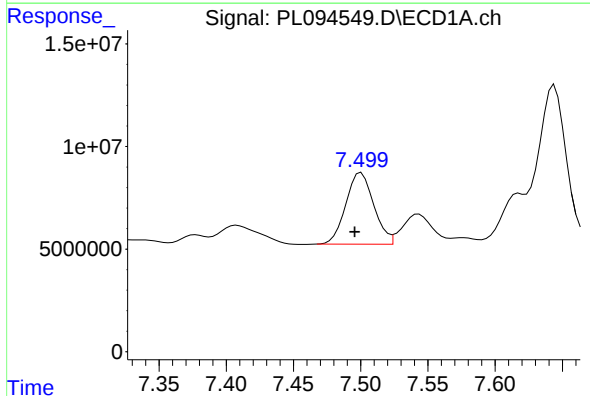
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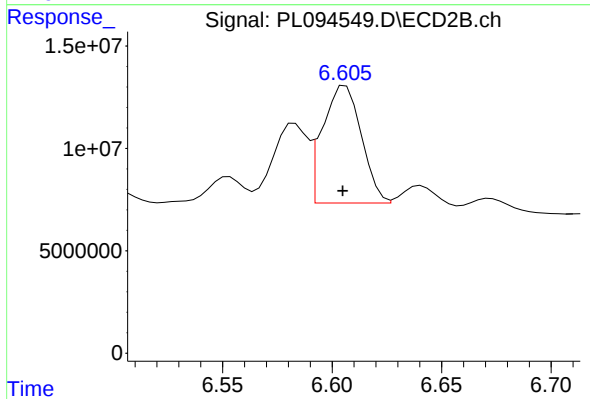
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 185262574
Conc: 50.16 ng/ml m



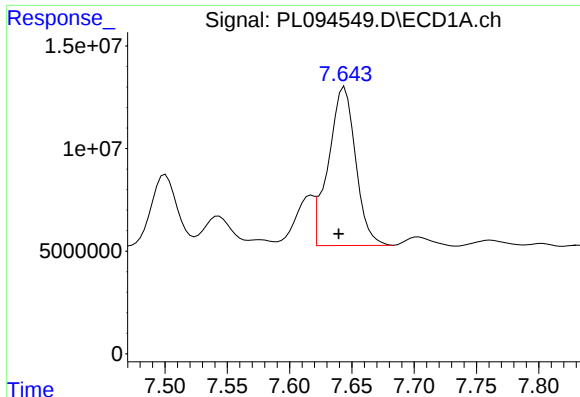
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.003 min
Response: 51367622
Conc: 46.23 ng/ml m



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 68864505
Conc: 35.30 ng/ml m



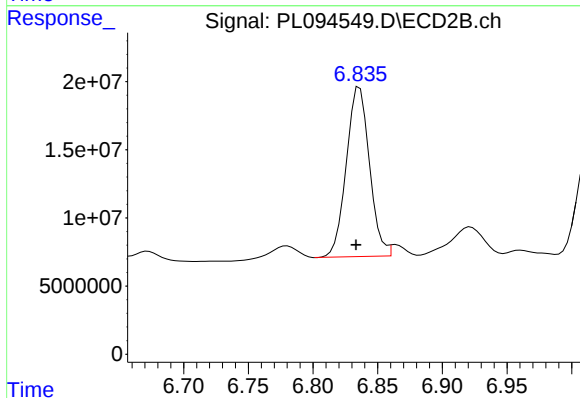
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.003 min
Response: 115608391
Conc: 46.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMS

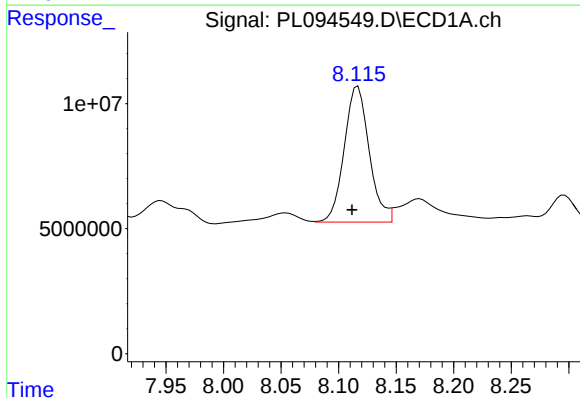
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



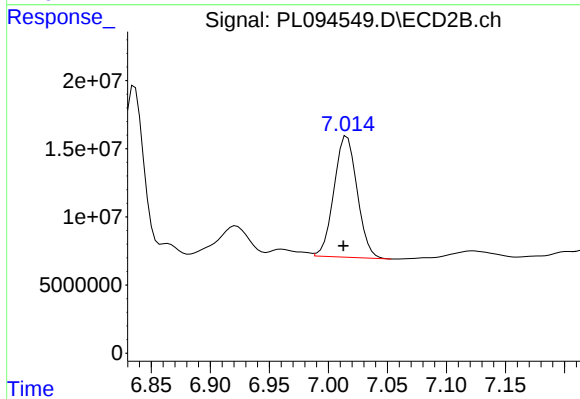
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.003 min
Response: 154605205
Conc: 36.23 ng/ml



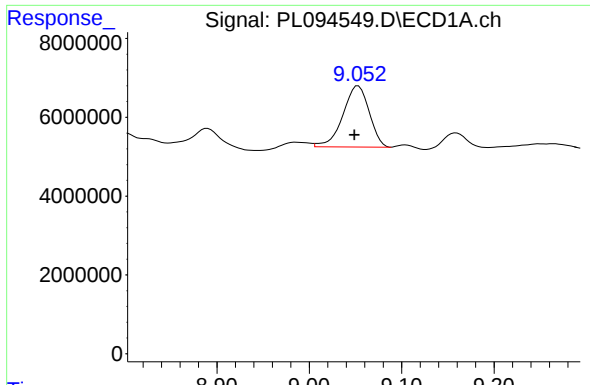
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.004 min
Response: 81970739
Conc: 39.73 ng/ml m



#22 Mirex

R.T.: 7.014 min
Delta R.T.: 0.002 min
Response: 121184203
Conc: 34.75 ng/ml m



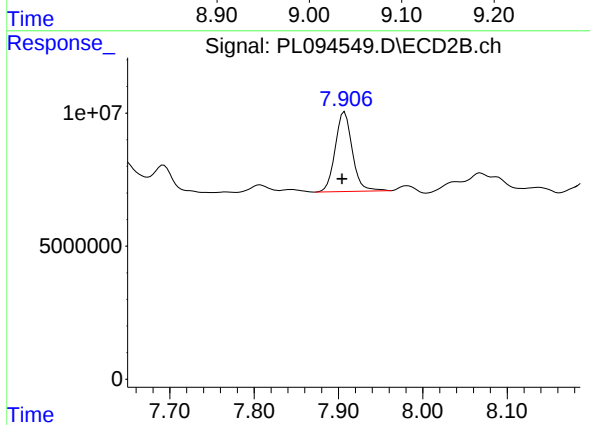
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.003 min
Response: 30741963
Conc: 14.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2025
Supervised By :Ankita Jodhani 03/10/2025



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.003 min
Response: 42152812
Conc: 10.96 ng/ml