

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030725\
 Data File : PL094550.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2025 15:10
 Operator : AR\AJ
 Sample : Q1507-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 50-MIDDLESEX-AVEMSD

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 23:58:08 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...	3.536	2.771	37604963	47300933	14.810m	14.822
28)	SA Decachlor...	9.052	7.907	26435810	37639769	12.427m	9.788
Target Compounds							
2)	A alpha-BHC	3.992	3.273	158.0E6	198.7E6	41.782m	40.429
3)	MA gamma-BHC...	4.325	3.602	157.9E6	193.2E6	42.743m	41.030m
4)	MA Heptachlor	4.914	3.942	140.1E6	198.3E6	41.315	42.020
5)	MB Aldrin	5.254	4.219	160.1E6	208.2E6	46.639m	45.066m
6)	B beta-BHC	4.524	3.905	70711145	115.5E6	44.280m	58.071 #
7)	B delta-BHC	4.770	4.132	174.3E6	191.3E6	49.262m	40.387
8)	B Heptachlo...	5.680	4.722	189.6E6	177.7E6	62.921m	41.766m#
9)	A Endosulfan I	6.067	5.094	114.0E6	131.3E6	41.458m	32.945
10)	B gamma-Chl...	5.938	4.972	166.8E6	224.3E6	56.824m	51.703m
11)	B alpha-Chl...	6.019	5.037	135.6E6	206.9E6	46.813	47.928
12)	B 4,4'-DDE	6.190	5.224	148.3E6	181.6E6	56.793m	43.232m
13)	MA Dieldrin	6.342	5.357	143.1E6	334.9E6	50.226m	76.434m#
14)	MA Endrin	6.572	5.632	169.6E6	196.7E6	66.468m	57.772m
15)	B Endosulfa...	6.793	5.925	99775361	229.9E6	39.637m	61.475m#
16)	A 4,4'-DDD	6.711	5.780	134.7E6	140.2E6	72.824m	44.002m#
17)	MA 4,4'-DDT	7.022	6.029	99665889	308.0E6	47.459m	86.603 #
18)	B Endrin al...	6.924	6.108	88336009	135.4E6	45.375	42.837
19)	B Endosulfa...	7.159	6.329	101.6E6	179.4E6	44.895	48.579m
20)	A Methoxychlor	7.499	6.605	50658512	65459423	45.595m	33.551m#
21)	B Endrin ke...	7.643	6.836	108.4E6	146.9E6	43.260m	34.430
22)	Mirex	8.116	7.014	75505232	117.0E6	36.594m	33.540m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030725\
Data File : PL094550.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2025 15:10
Operator : AR\AJ
Sample : Q1507-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

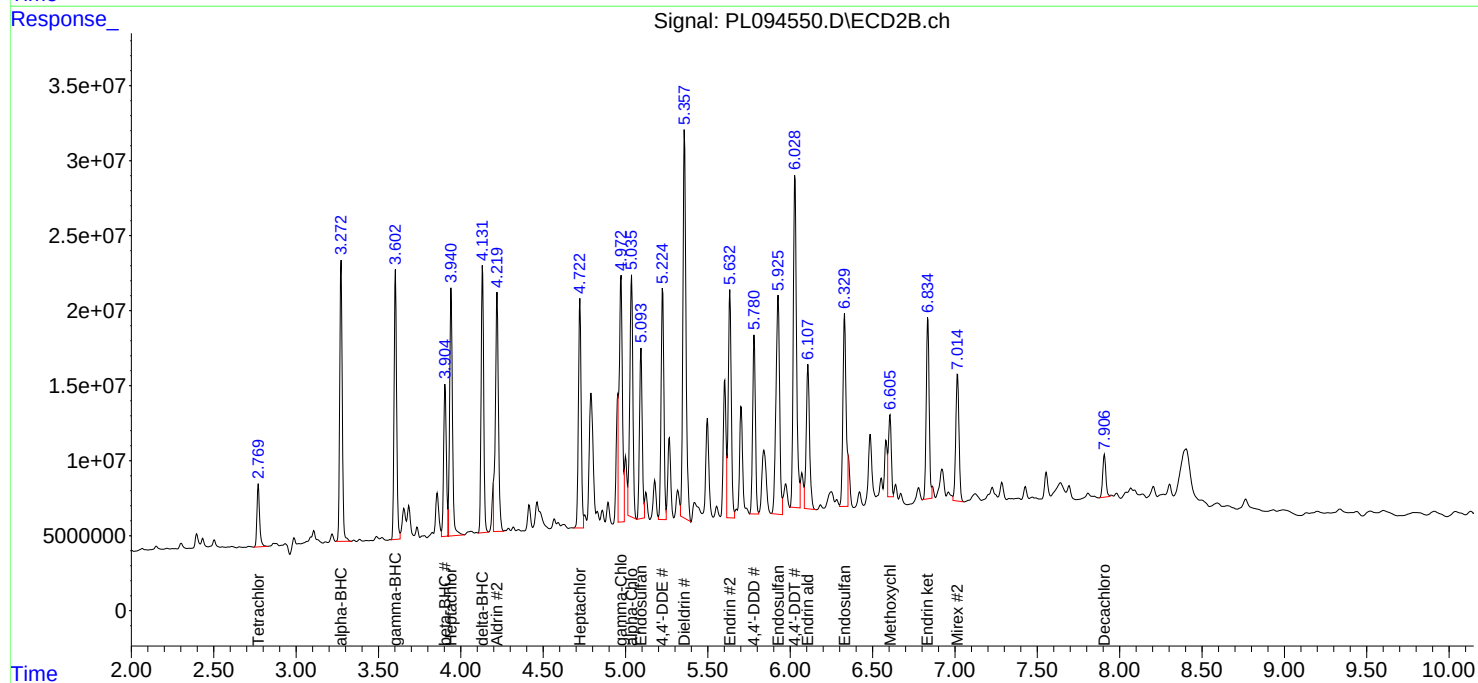
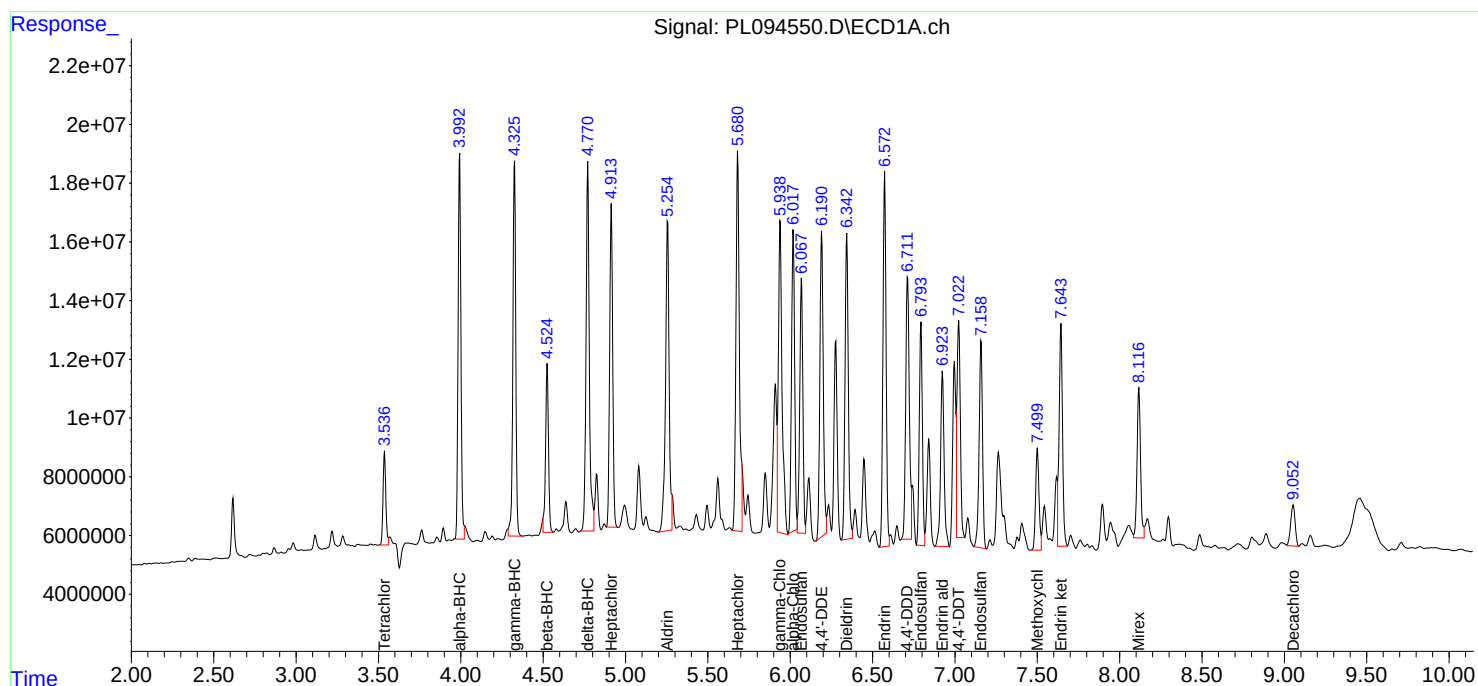
Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMSD

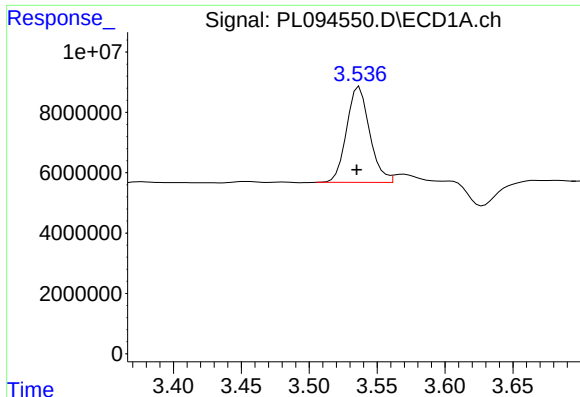
Manual Integrations
APPROVED

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 23:58:08 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





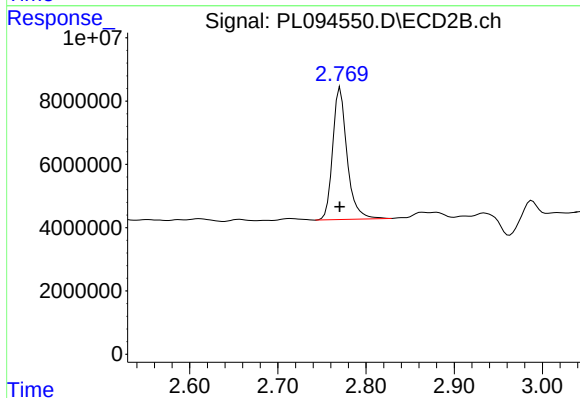
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 37604963
Conc: 14.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMSD

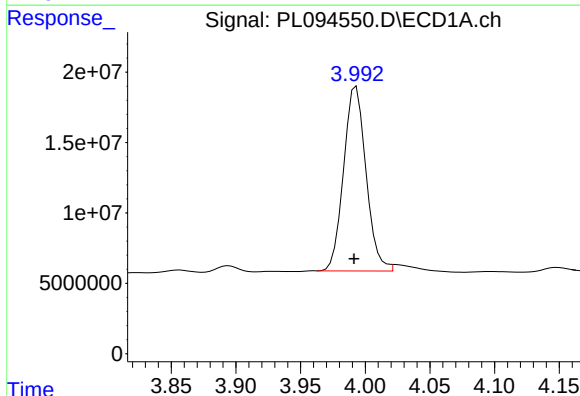
Manual Integrations
APPROVED

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



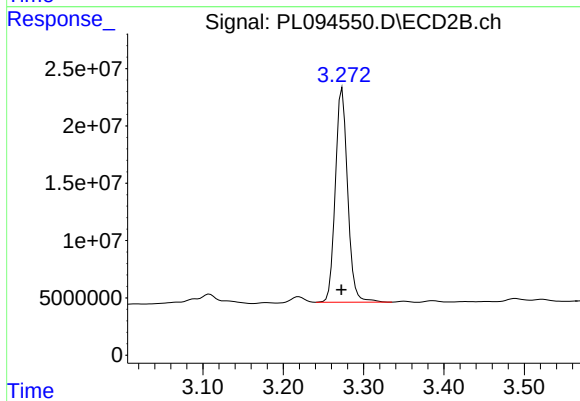
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 47300933
Conc: 14.82 ng/ml



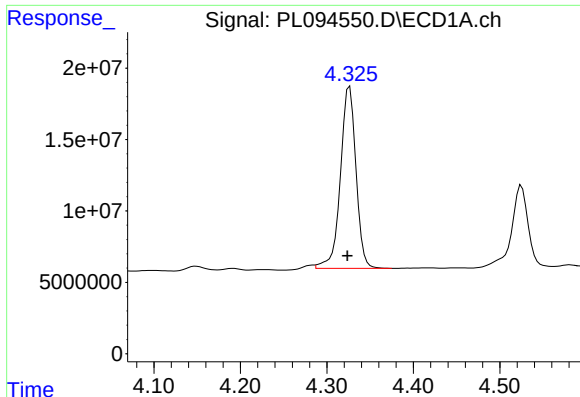
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 158046640
Conc: 41.78 ng/ml m



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.001 min
Response: 198700640
Conc: 40.43 ng/ml



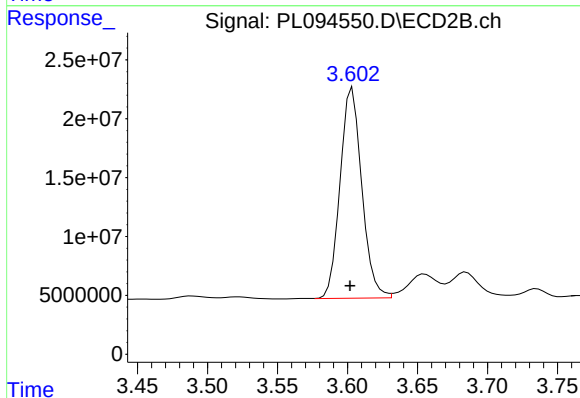
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: 0.001 min
Response: 157923353
Conc: 42.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMSD

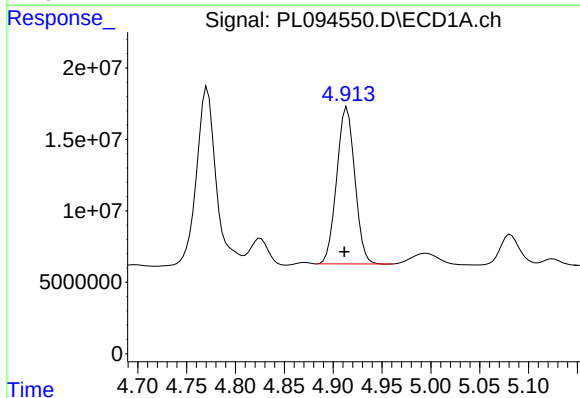
Manual Integrations
APPROVED

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



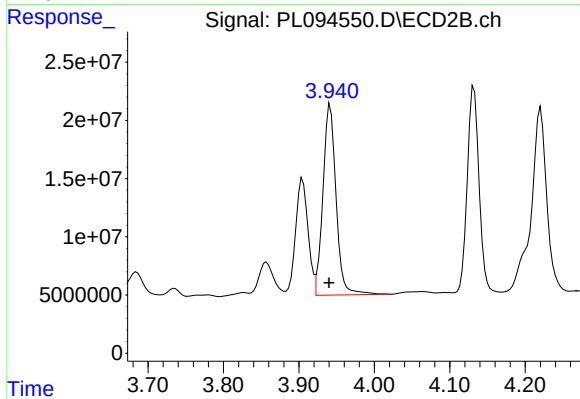
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: 0.000 min
Response: 193247814
Conc: 41.03 ng/ml m



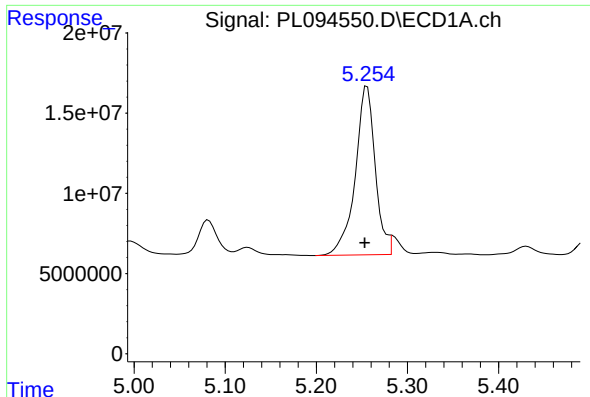
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.003 min
Response: 140073821
Conc: 41.32 ng/ml



#4 Heptachlor

R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 198346228
Conc: 42.02 ng/ml



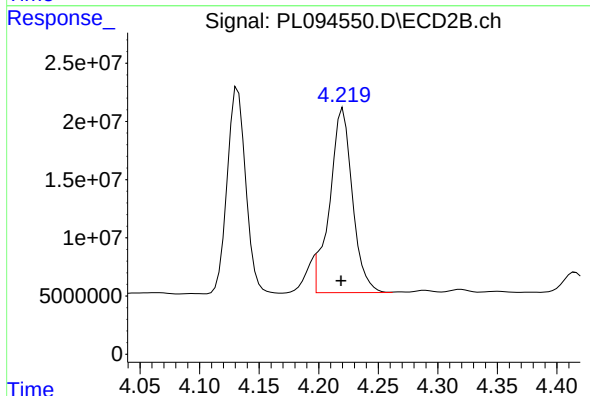
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: 0.001 min
Response: 160053973
Conc: 46.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMSD

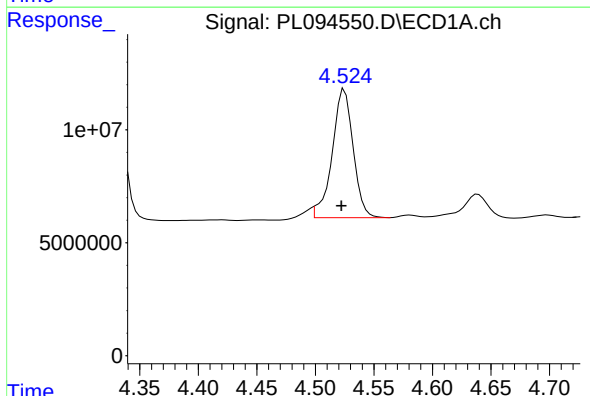
Manual Integrations
APPROVED

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



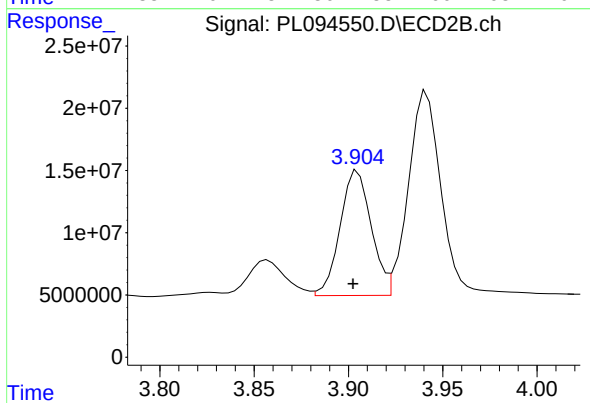
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 208220971
Conc: 45.07 ng/ml m



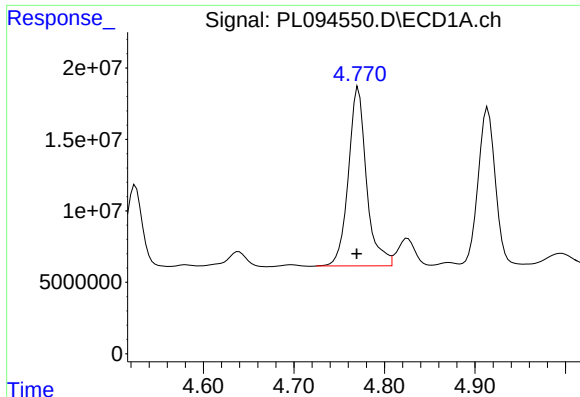
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.001 min
Response: 70711145
Conc: 44.28 ng/ml m



#6 beta-BHC

R.T.: 3.905 min
Delta R.T.: 0.002 min
Response: 115498764
Conc: 58.07 ng/ml



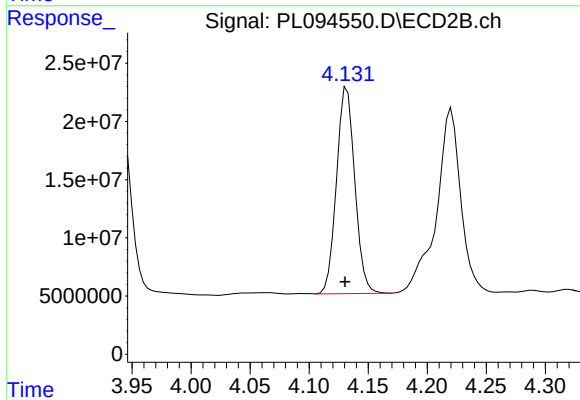
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.000 min
Response: 174301551
Conc: 49.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMSD

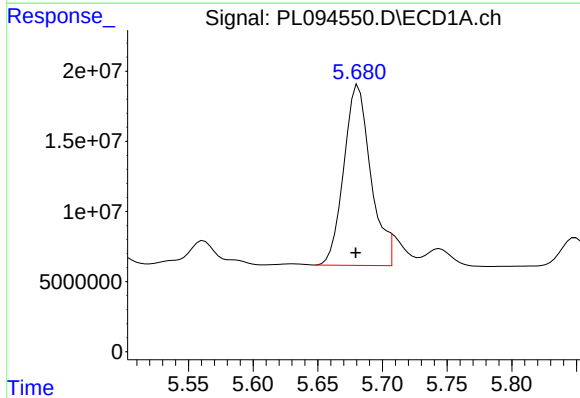
Manual Integrations
APPROVED

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



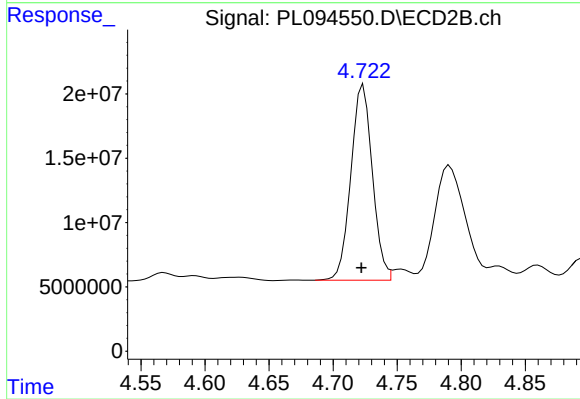
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.002 min
Response: 191262125
Conc: 40.39 ng/ml



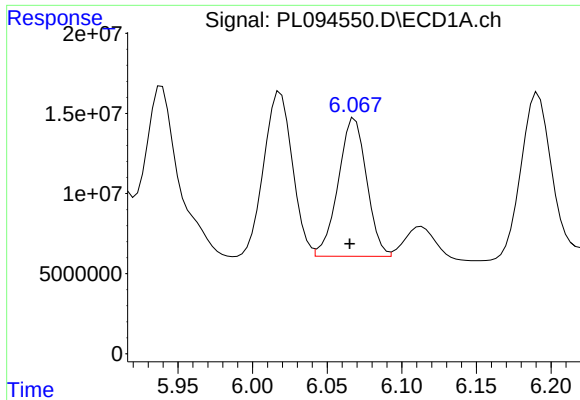
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: 0.000 min
Response: 189605344
Conc: 62.92 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 177729284
Conc: 41.77 ng/ml m



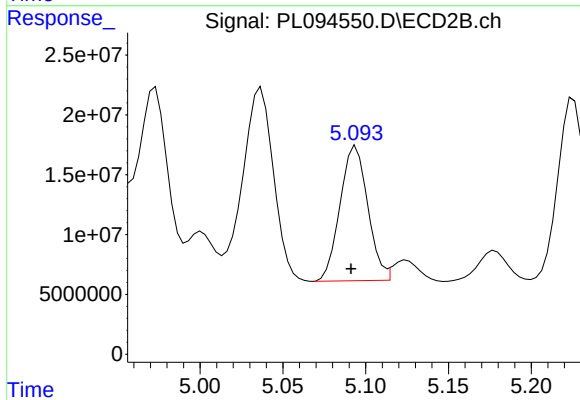
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.002 min
Response: 113953072
Conc: 41.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMSD

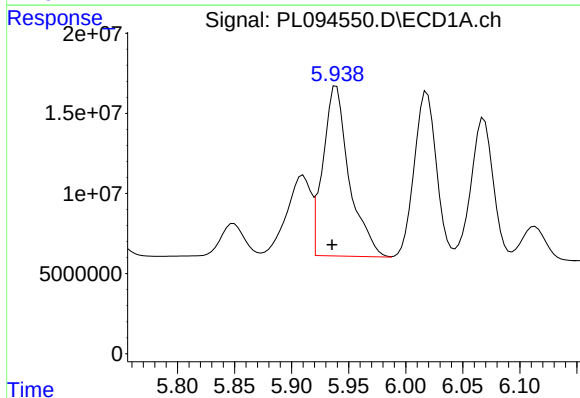
Manual Integrations
APPROVED

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



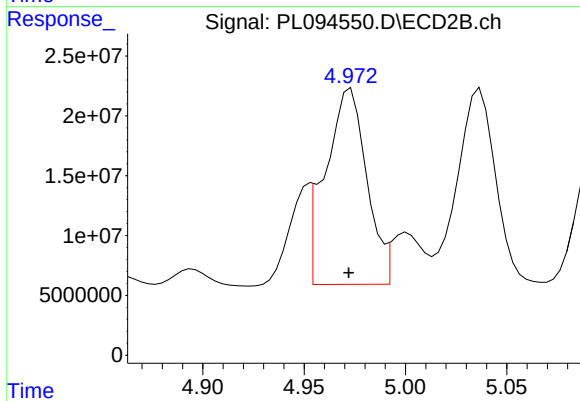
#9 Endosulfan I

R.T.: 5.094 min
Delta R.T.: 0.003 min
Response: 131338391
Conc: 32.95 ng/ml



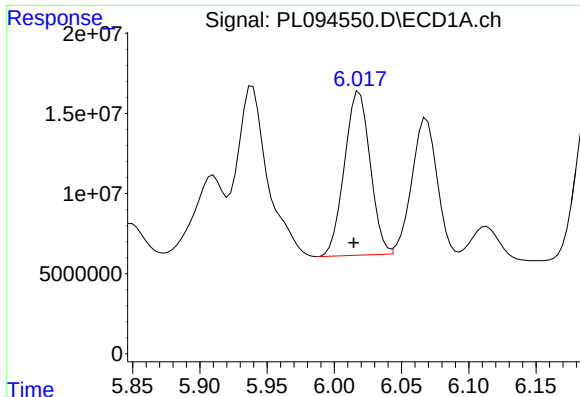
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.003 min
Response: 166843642
Conc: 56.82 ng/ml m



#10 gamma-Chlordane

R.T.: 4.972 min
Delta R.T.: 0.000 min
Response: 224329419
Conc: 51.70 ng/ml m



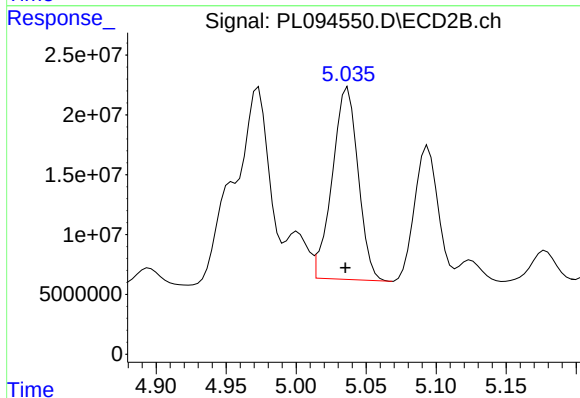
#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: 0.004 min
Response: 135622431
Conc: 46.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMSD

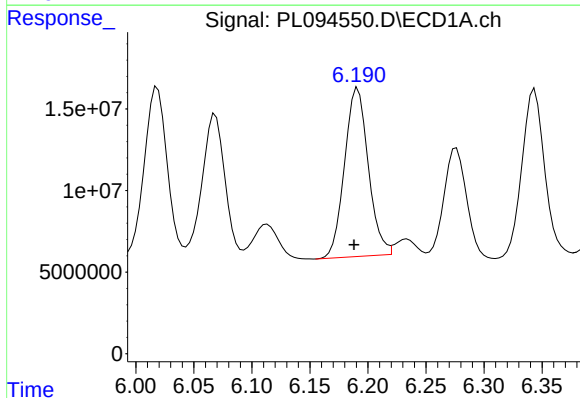
Manual Integrations
APPROVED

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



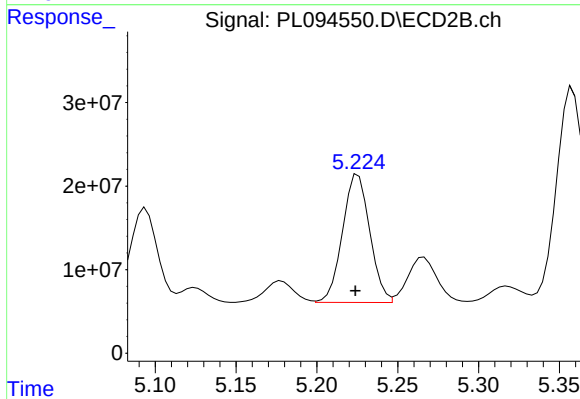
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.002 min
Response: 206935060
Conc: 47.93 ng/ml



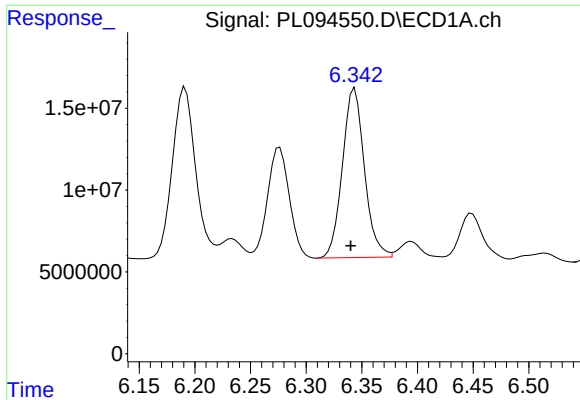
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 148326807
Conc: 56.79 ng/ml m



#12 4,4'-DDE

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 181575562
Conc: 43.23 ng/ml m



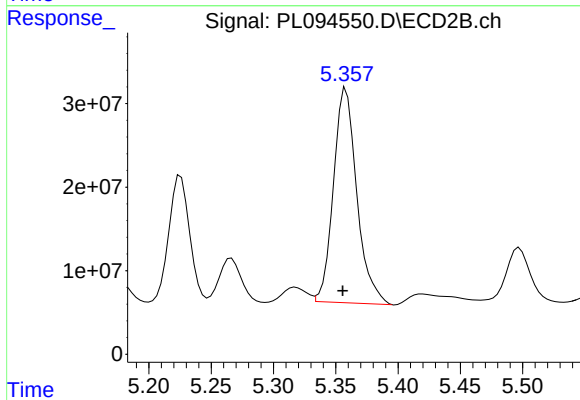
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.002 min
Response: 143096335
Conc: 50.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMSD

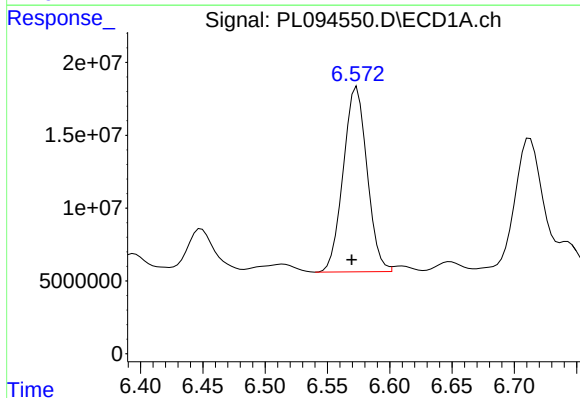
Manual Integrations
APPROVED

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



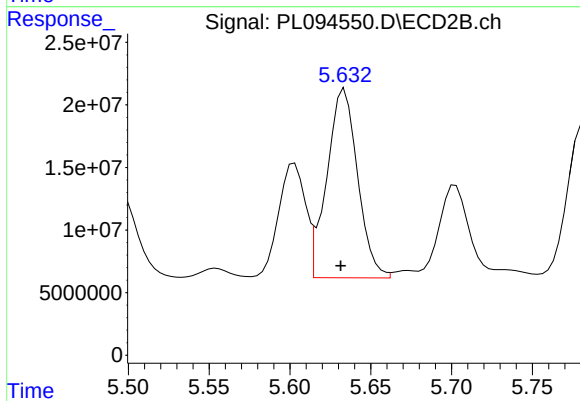
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.001 min
Response: 334917736
Conc: 76.43 ng/ml m



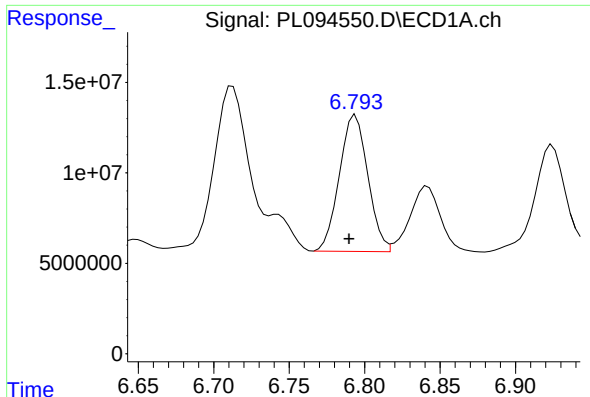
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.003 min
Response: 169646418
Conc: 66.47 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.001 min
Response: 196697567
Conc: 57.77 ng/ml m



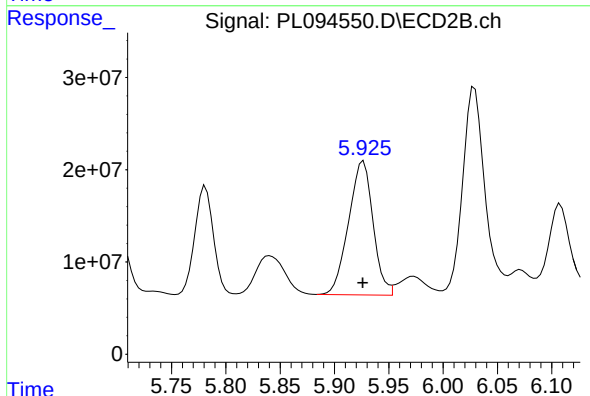
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.003 min
Response: 99775361
Conc: 39.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMSD

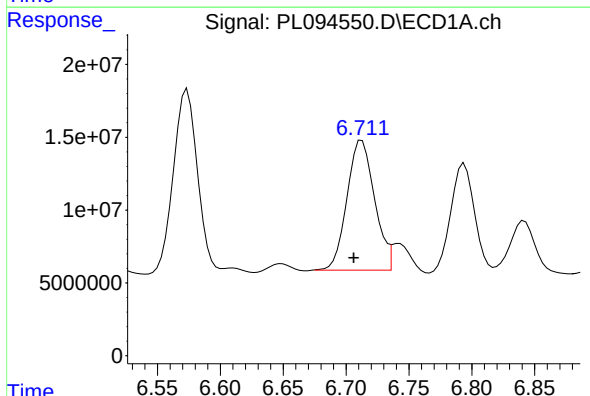
Manual Integrations
APPROVED

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



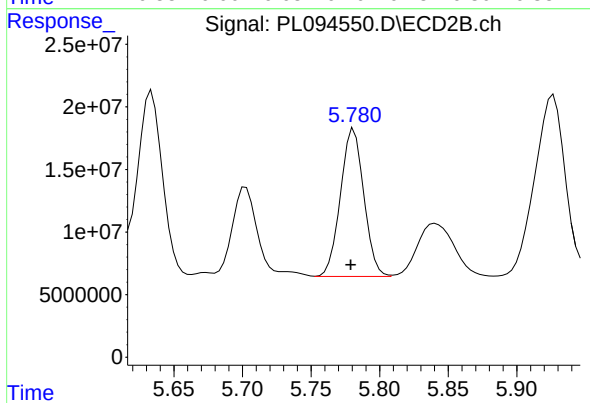
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 229888130
Conc: 61.48 ng/ml m



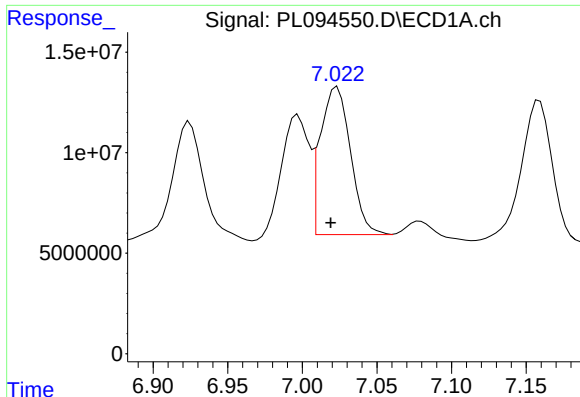
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.005 min
Response: 134707283
Conc: 72.82 ng/ml m



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 140161276
Conc: 44.00 ng/ml m



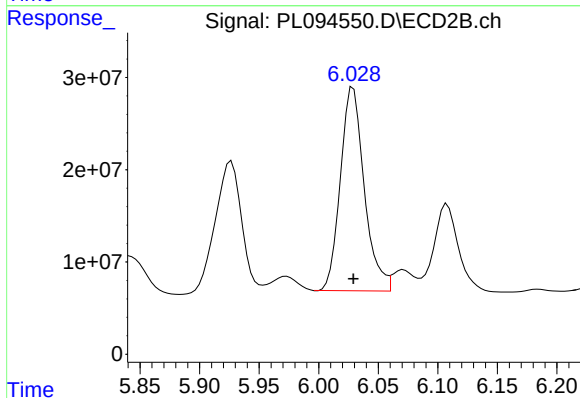
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.003 min
Response: 99665889
Conc: 47.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMSD

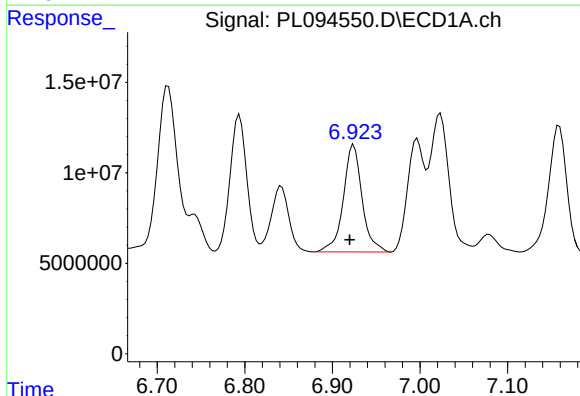
Manual Integrations
APPROVED

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



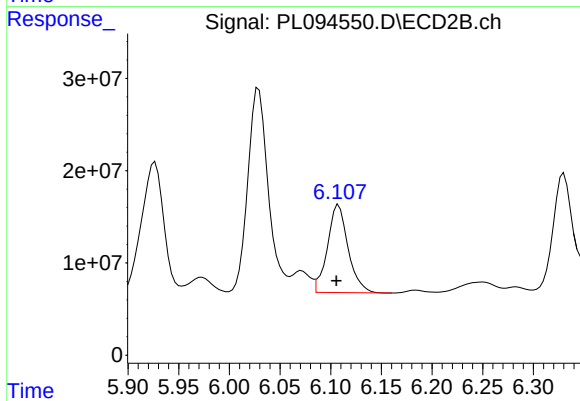
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 308048526
Conc: 86.60 ng/ml



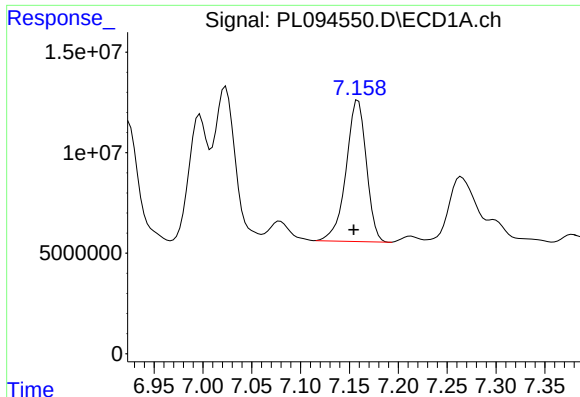
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.004 min
Response: 88336009
Conc: 45.38 ng/ml



#18 Endrin aldehyde

R.T.: 6.108 min
Delta R.T.: 0.002 min
Response: 135384002
Conc: 42.84 ng/ml



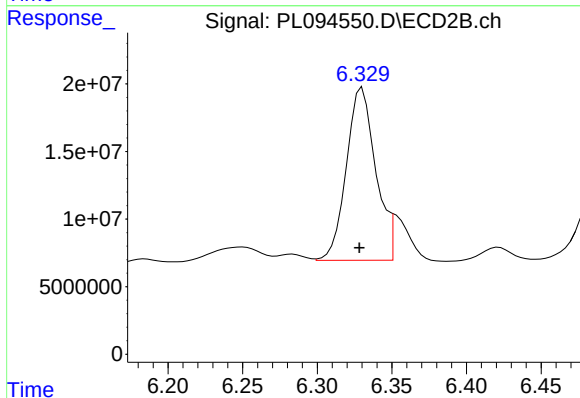
#19 Endosulfan Sulfate

R.T.: 7.159 min
Delta R.T.: 0.004 min
Response: 101635694
Conc: 44.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMSD

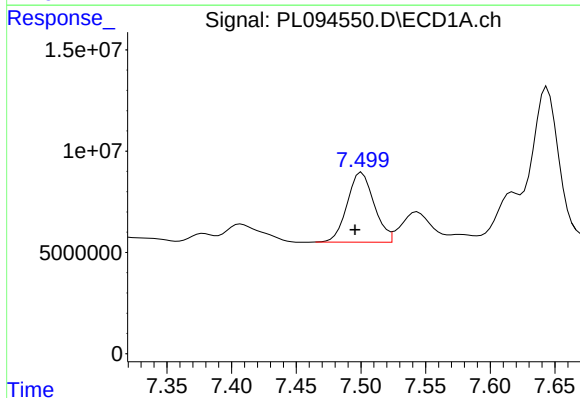
Manual Integrations
APPROVED

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



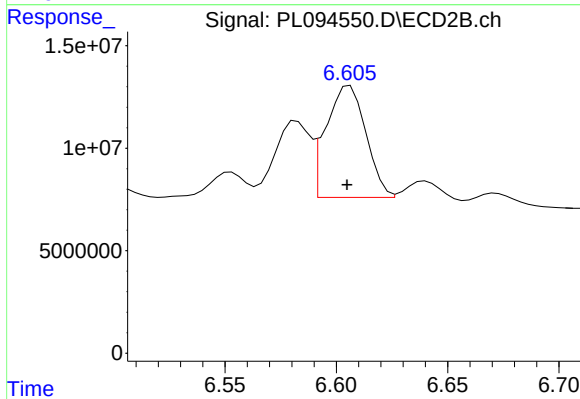
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 179434880
Conc: 48.58 ng/ml m



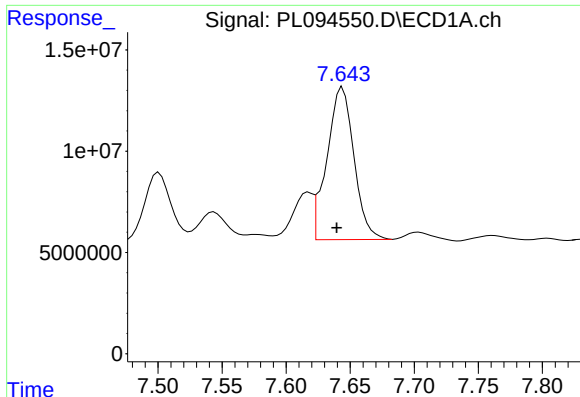
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.004 min
Response: 50658512
Conc: 45.60 ng/ml m



#20 Methoxychlor

R.T.: 6.605 min
Delta R.T.: 0.000 min
Response: 65459423
Conc: 33.55 ng/ml m



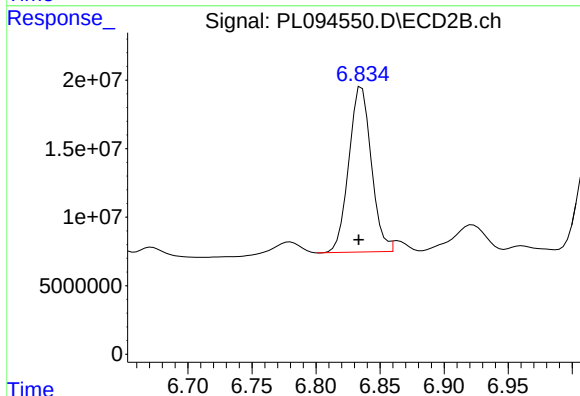
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.003 min
Response: 108448517
Conc: 43.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
50-MIDDLESEX-AVEMSD

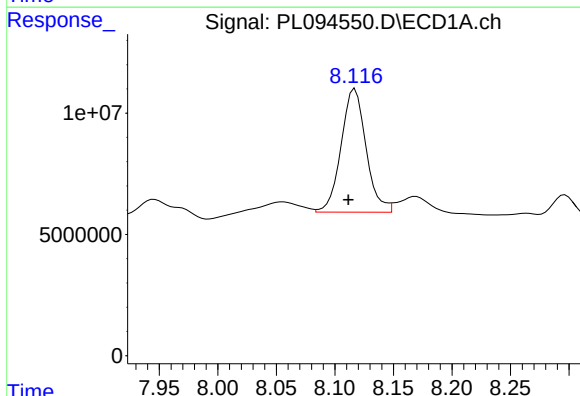
Manual Integrations
APPROVED

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



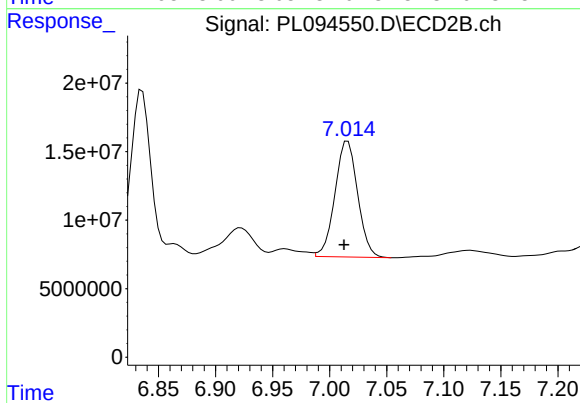
#21 Endrin ketone

R.T.: 6.836 min
Delta R.T.: 0.002 min
Response: 146929318
Conc: 34.43 ng/ml



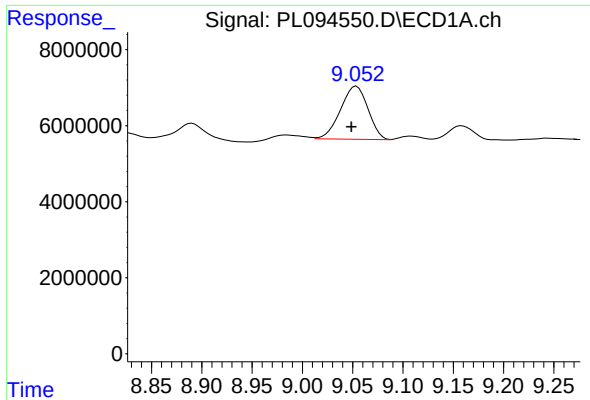
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.004 min
Response: 75505232
Conc: 36.59 ng/ml m



#22 Mirex

R.T.: 7.014 min
Delta R.T.: 0.002 min
Response: 116953704
Conc: 33.54 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.004 min
Response: 26435810
Conc: 12.43 ng/ml

Instrument :

ECD_L

ClientSampleId :

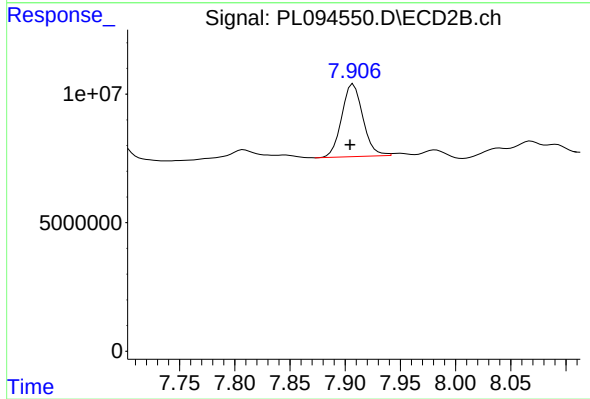
50-MIDDLESEX-AVEMSD

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: 37639769
Conc: 9.79 ng/ml