

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032125\
 Data File : PL094789.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Mar 2025 14:18
 Operator : AR\AJ
 Sample : Q1606-03MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR251346MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/24/2025
 Supervised By :mohammad ahmed 03/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 21 23:23:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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	2.770	56789460	71367500	20.062m	19.995m
28)	SA Decachlor...	9.054	7.905	38375422	56942962	18.209	14.097
Target Compounds							
2)	A alpha-BHC	3.994	3.272	178.2E6	246.7E6	42.907	45.759m
3)	MA gamma-BHC...	4.325	3.603	186.0E6	233.9E6	46.616m	45.515
4)	MA Heptachlor	4.914	3.941	164.3E6	242.1E6	42.337	45.952
5)	MB Aldrin	5.256	4.220	157.6E6	217.4E6	42.676	44.591
6)	B beta-BHC	4.524	3.903	83504906	102.2E6	45.255m	45.987
7)	B delta-BHC	4.771	4.131	155.1E6	172.0E6	39.833m	34.391
8)	B Heptachlo...	5.682	4.721	143.8E6	201.3E6	42.978	43.967m
9)	A Endosulfan I	6.068	5.091	134.2E6	188.0E6	43.711	42.841m
10)	B gamma-Chl...	5.939	4.971	144.8E6	209.4E6	42.972	43.367m
11)	B alpha-Chl...	6.017	5.034	142.9E6	209.7E6	43.351	43.931m
12)	B 4,4'-DDE	6.191	5.223	136.6E6	208.9E6	46.423	44.950m
13)	MA Dieldrin	6.343	5.354	141.7E6	213.8E6	44.292	44.058m
14)	MA Endrin	6.572	5.632	124.2E6	200.9E6	44.812m	46.042
15)	B Endosulfa...	6.792	5.925	124.5E6	188.4E6	45.874m	43.538m
16)	A 4,4'-DDD	6.709	5.779	112.6E6	164.5E6	51.963	45.745
17)	MA 4,4'-DDT	7.024	6.029	118.4E6	181.1E6	49.759	44.927
18)	B Endrin al...	6.923	6.106	99009899	142.4E6	46.902	42.326
19)	B Endosulfa...	7.158	6.329	111.1E6	172.2E6	45.682	42.278
20)	A Methoxychlor	7.500	6.604	62184300	98770806	51.947	46.567
21)	B Endrin ke...	7.643	6.834	129.2E6	204.9E6	48.896	42.926
22)	Mirex	8.116	7.013	92351443	151.9E6	44.694	40.022

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032125\
Data File : PL094789.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Mar 2025 14:18
Operator : AR\AJ
Sample : Q1606-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

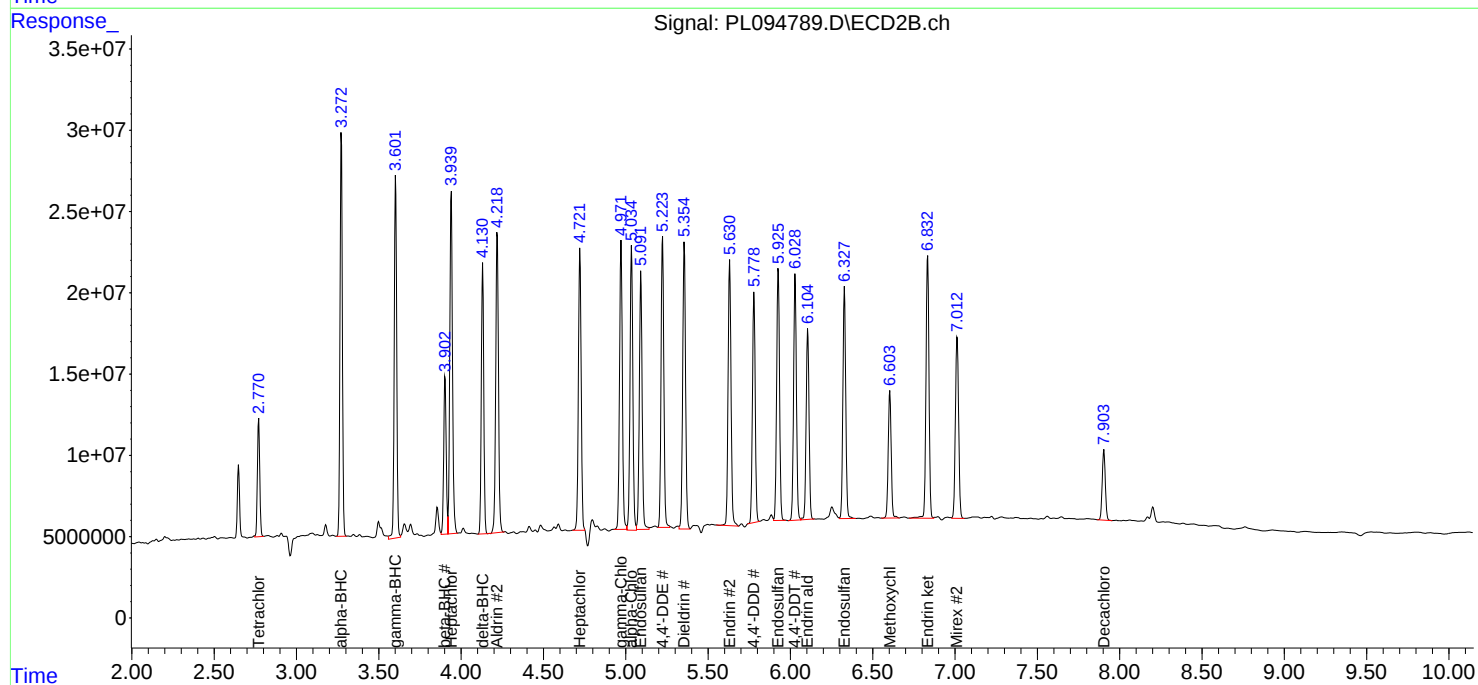
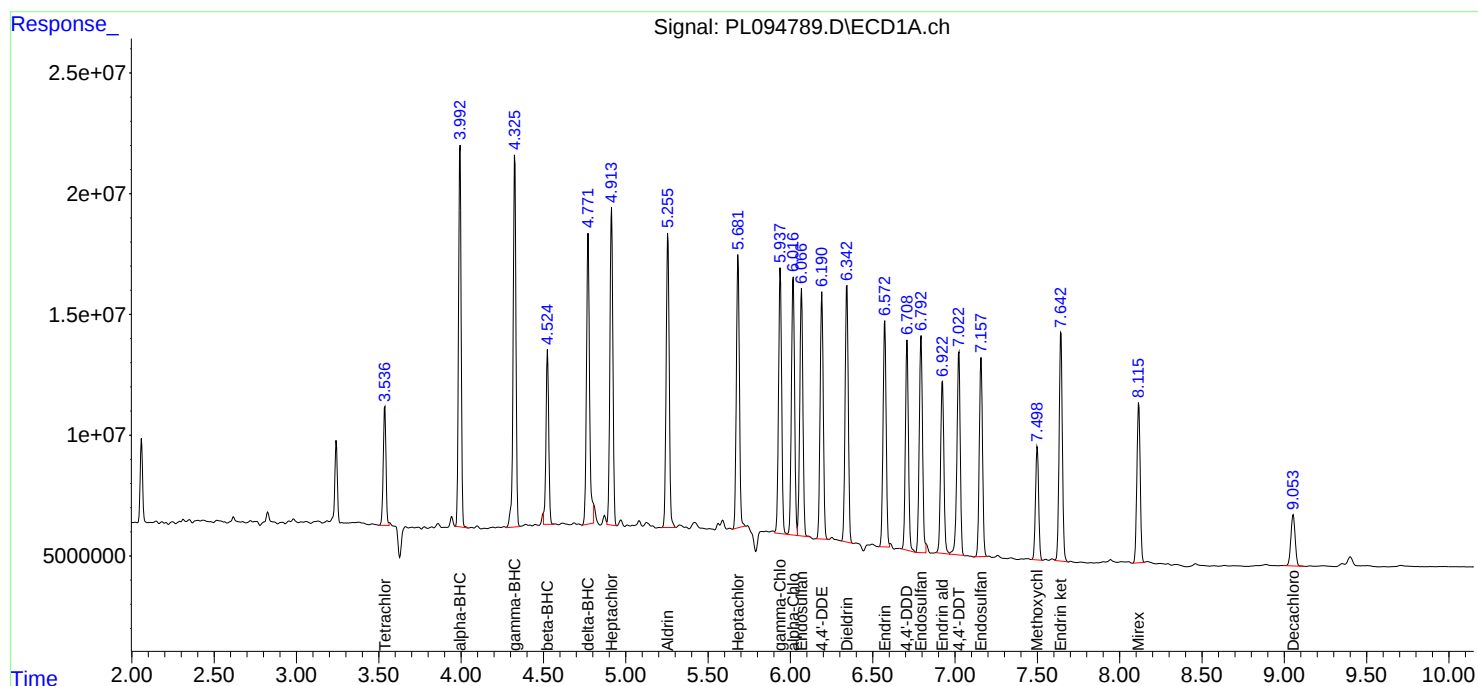
Instrument :
ECD_L
ClientSampleId :
RBR251346MSD

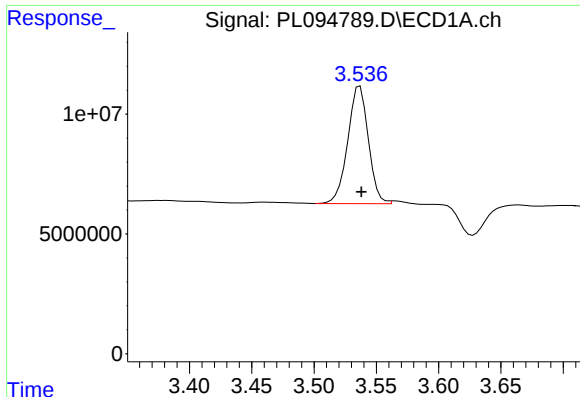
Manual Integrations
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Supervised By :mohammad ahmed 03/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 21 23:23:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





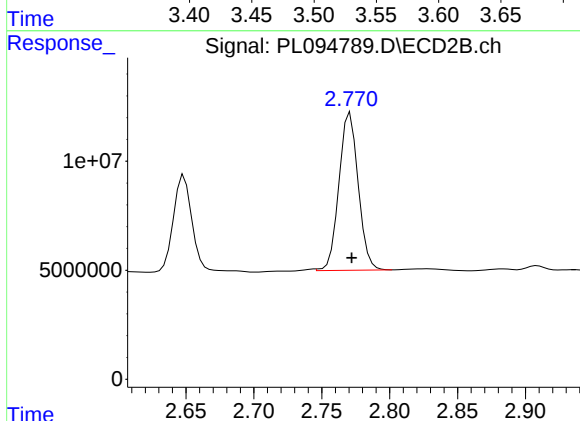
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.002 min
Response: 56789460
Conc: 20.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MSD

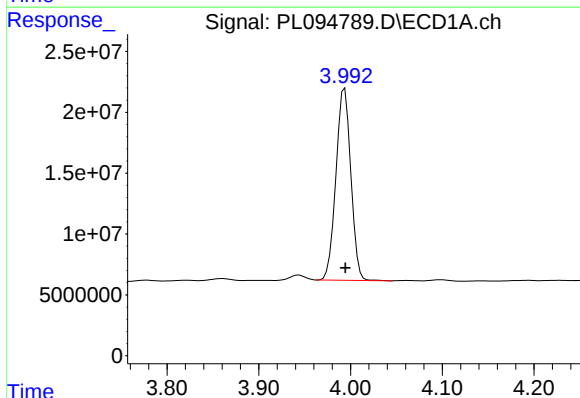
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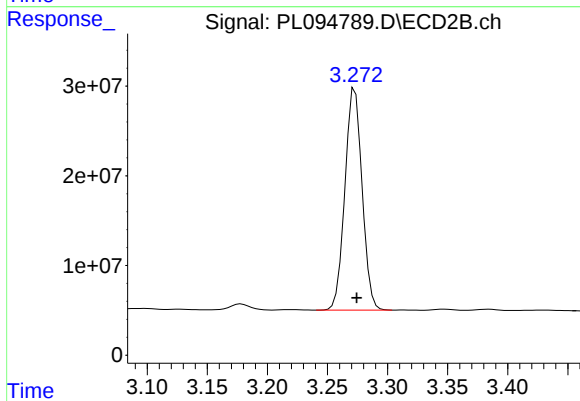
#1 Tetrachloro-m-xylene

R.T.: 2.770 min
Delta R.T.: -0.002 min
Response: 71367500
Conc: 19.99 ng/ml m



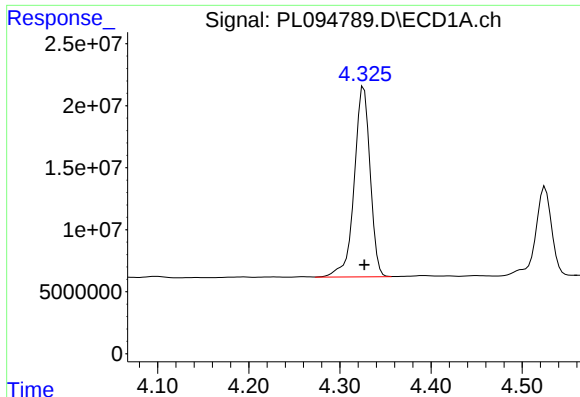
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 178162588
Conc: 42.91 ng/ml



#2 alpha-BHC

R.T.: 3.272 min
Delta R.T.: -0.003 min
Response: 246706097
Conc: 45.76 ng/ml m



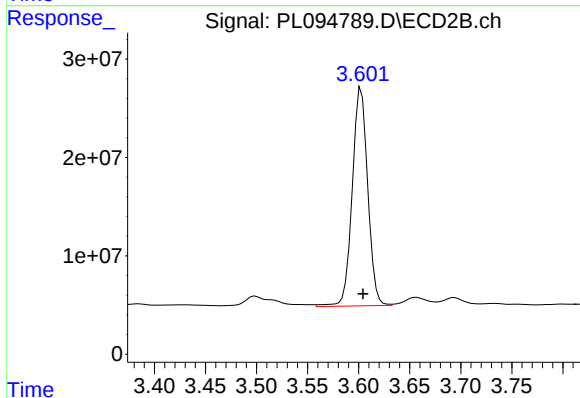
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 186010841
Conc: 46.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MSD

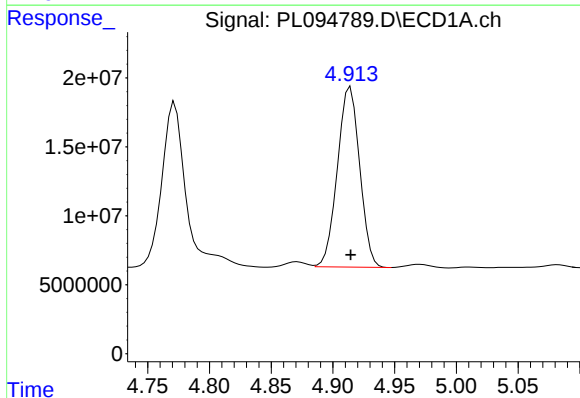
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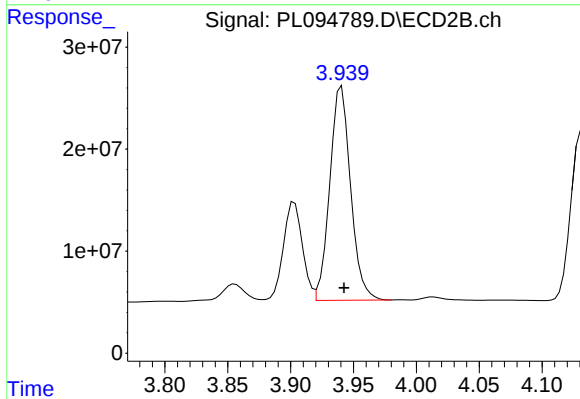
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: -0.002 min
Response: 233919882
Conc: 45.51 ng/ml



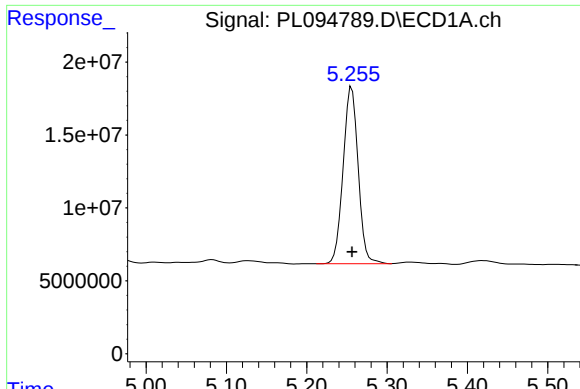
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 164334627
Conc: 42.34 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: -0.002 min
Response: 242103856
Conc: 45.95 ng/ml



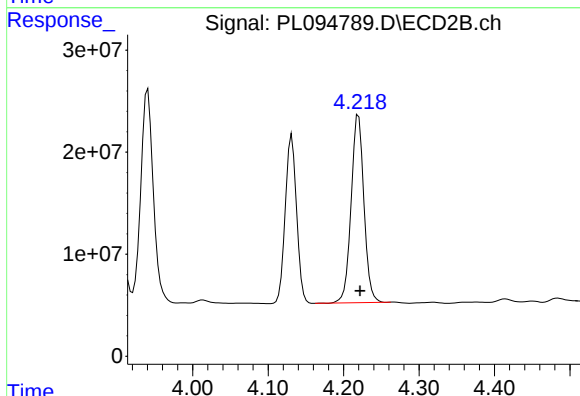
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 157568841
Conc: 42.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MSD

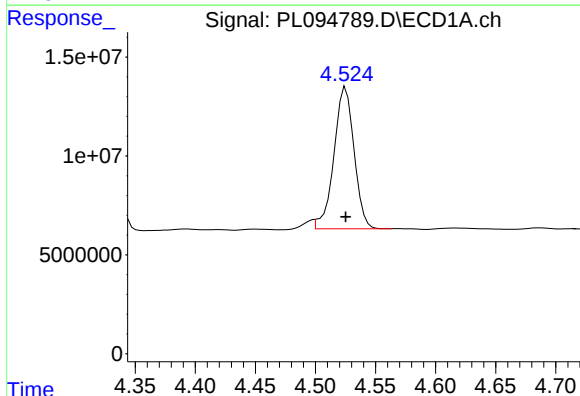
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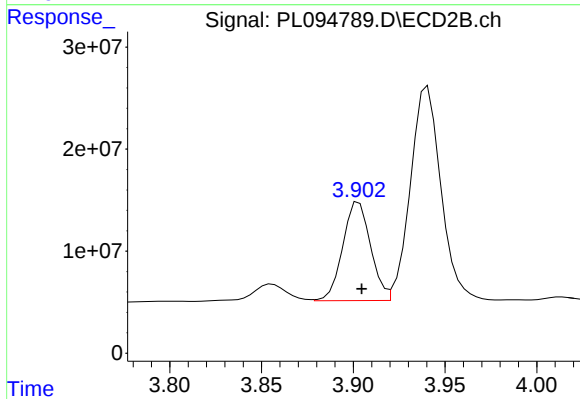
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.002 min
Response: 217441468
Conc: 44.59 ng/ml



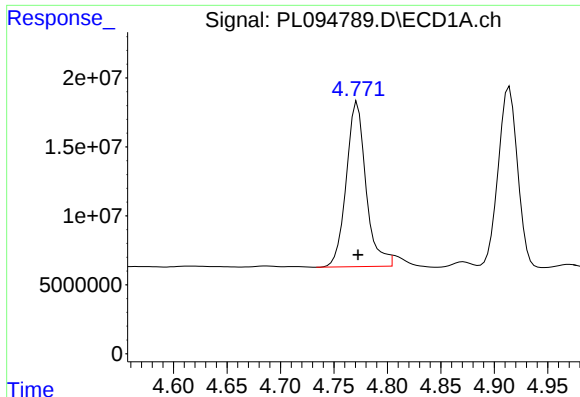
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 83504906
Conc: 45.25 ng/ml m



#6 beta-BHC

R.T.: 3.903 min
Delta R.T.: -0.002 min
Response: 102150194
Conc: 45.99 ng/ml



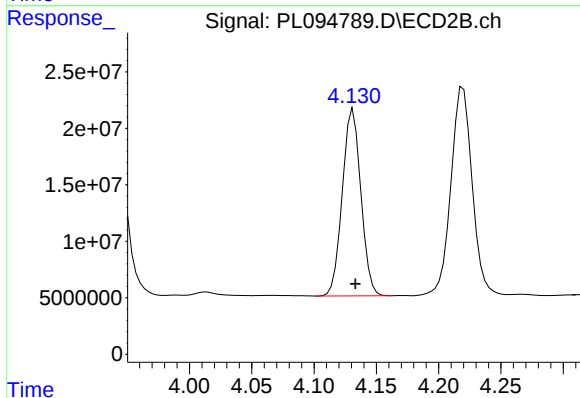
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.002 min
Response: 155123282
Conc: 39.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MSD

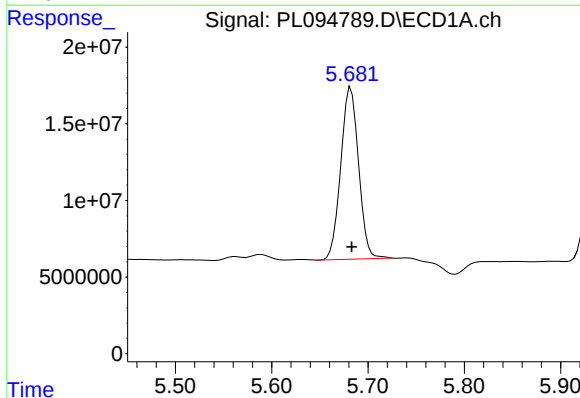
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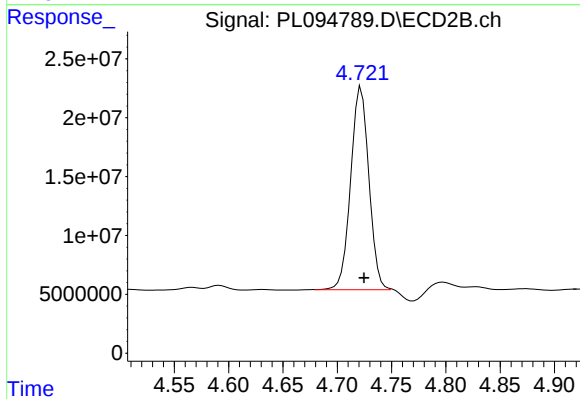
#7 delta-BHC

R.T.: 4.131 min
Delta R.T.: -0.002 min
Response: 172023177
Conc: 34.39 ng/ml



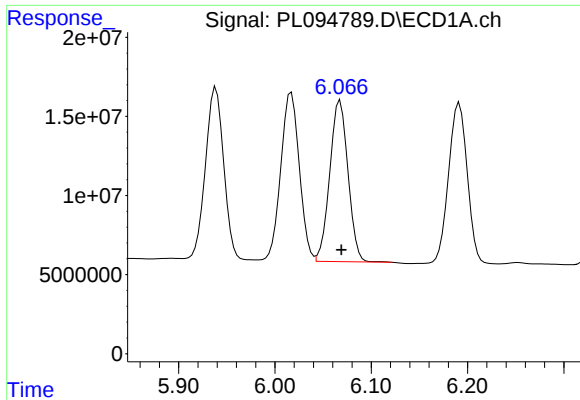
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 143768977
Conc: 42.98 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 201305243
Conc: 43.97 ng/ml m



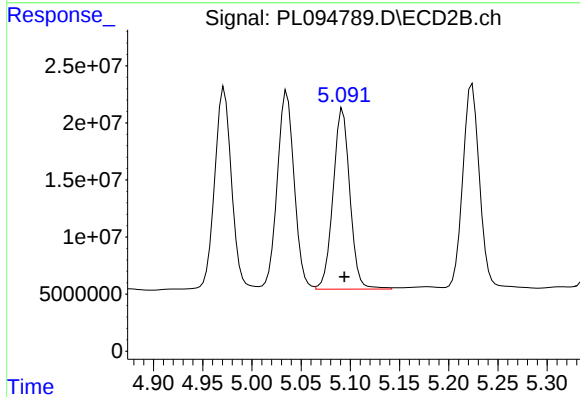
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 134202995
Conc: 43.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MSD

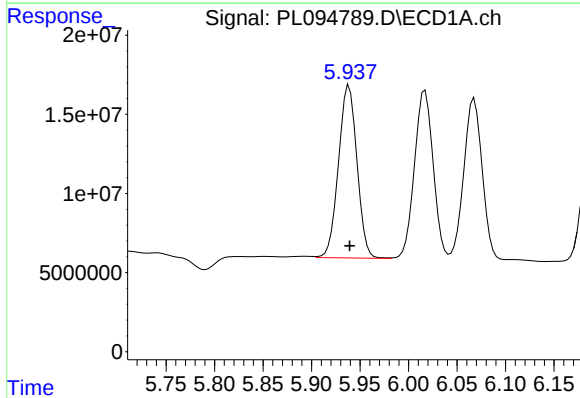
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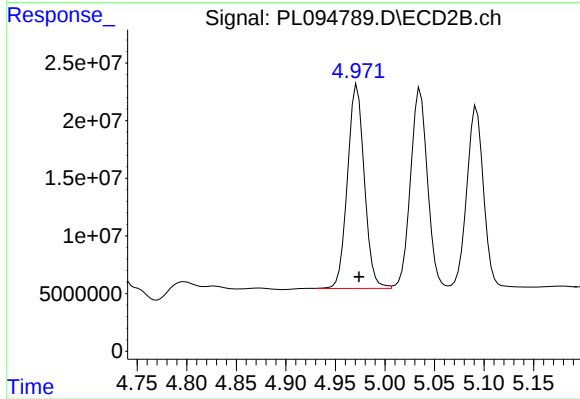
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 188019641
Conc: 42.84 ng/ml m



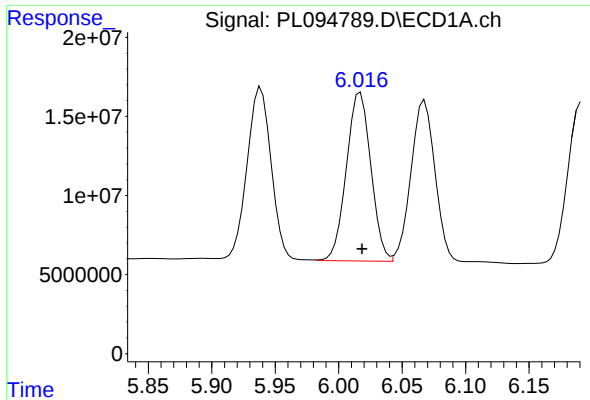
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 144787565
Conc: 42.97 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 209394991
Conc: 43.37 ng/ml m



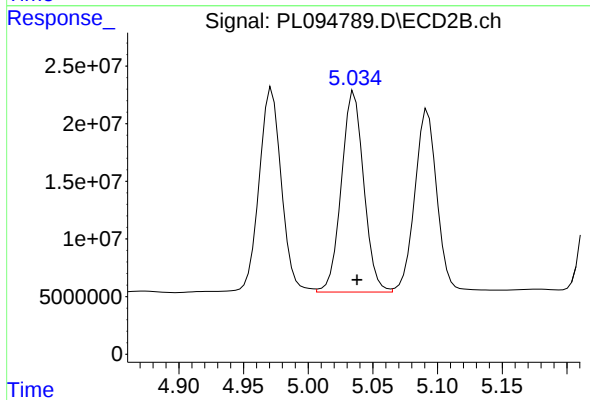
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.001 min
Response: 142922864
Conc: 43.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MSD

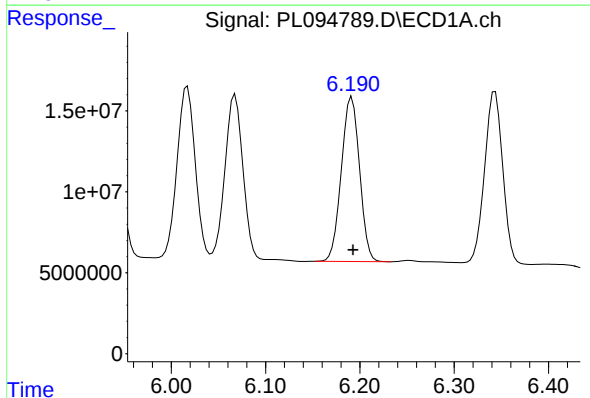
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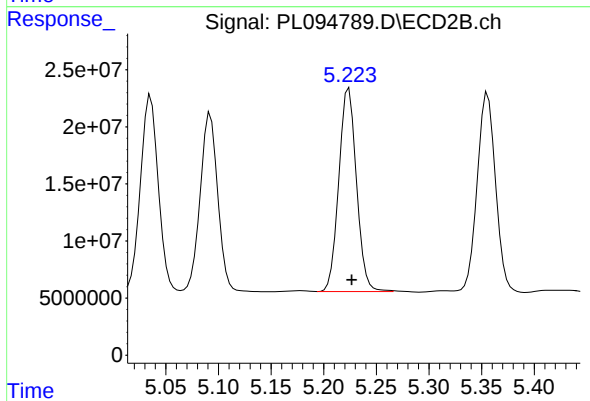
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 209671467
Conc: 43.93 ng/ml m



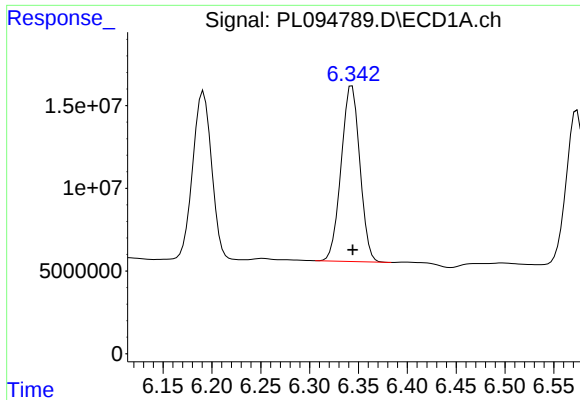
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 136578743
Conc: 46.42 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 208949365
Conc: 44.95 ng/ml m



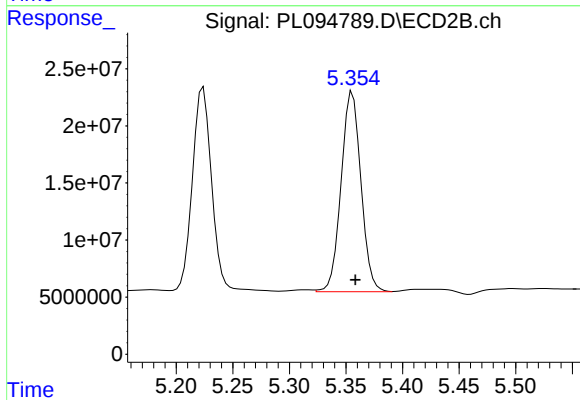
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 141652564
Conc: 44.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MSD

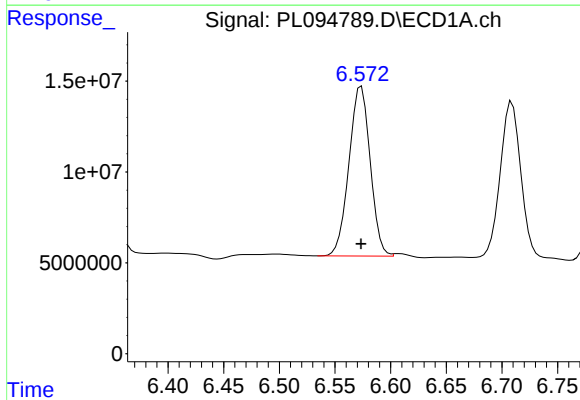
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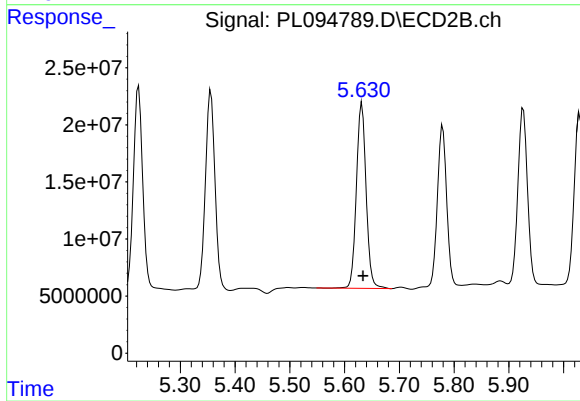
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 213763736
Conc: 44.06 ng/ml m



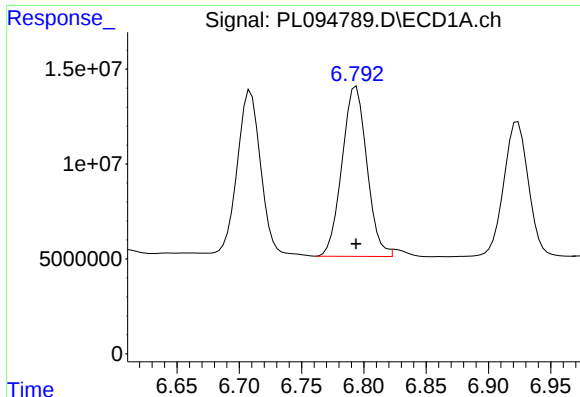
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.001 min
Response: 124223374
Conc: 44.81 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: -0.002 min
Response: 200911323
Conc: 46.04 ng/ml



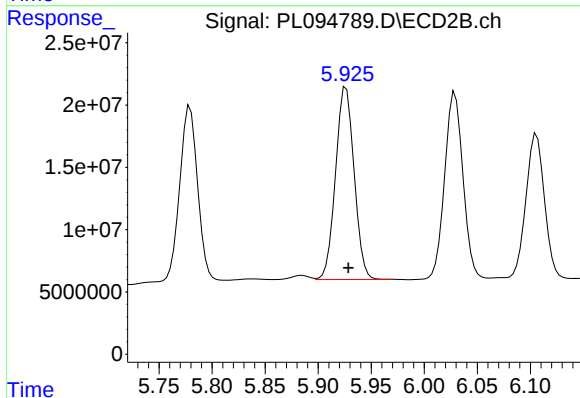
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.001 min
Response: 124537050
Conc: 45.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MSD

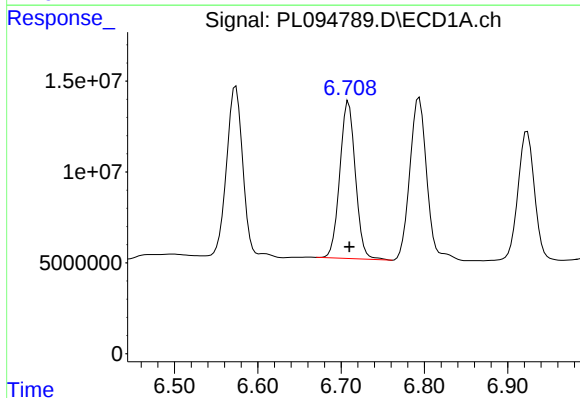
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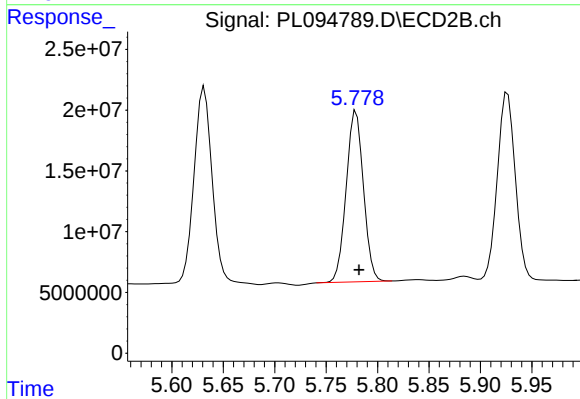
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.004 min
Response: 188442657
Conc: 43.54 ng/ml m



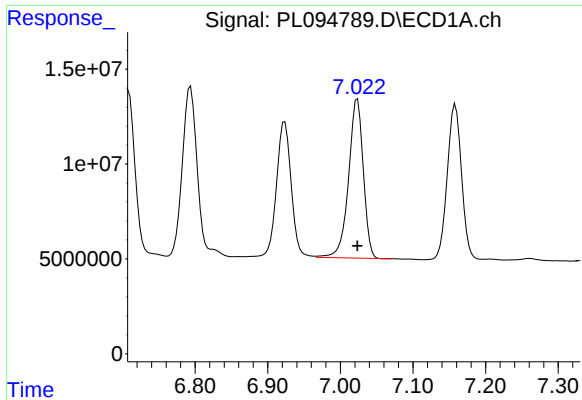
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 112554300
Conc: 51.96 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min
Delta R.T.: -0.003 min
Response: 164494398
Conc: 45.75 ng/ml



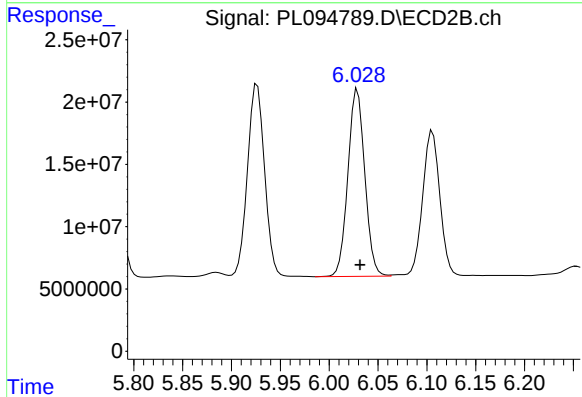
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 118353430
Conc: 49.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MSD

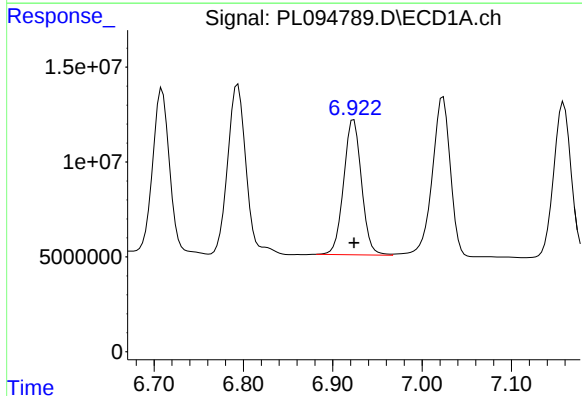
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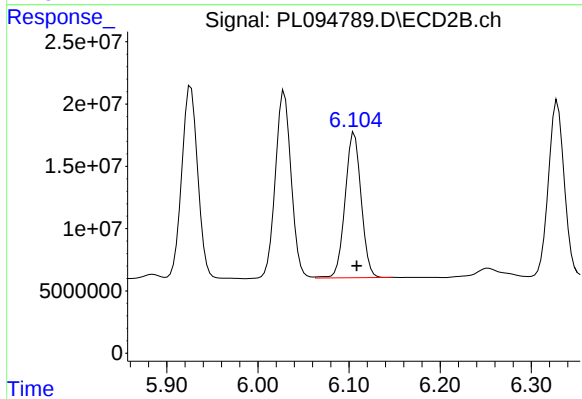
#17 4,4'-DDT

R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 181149038
Conc: 44.93 ng/ml



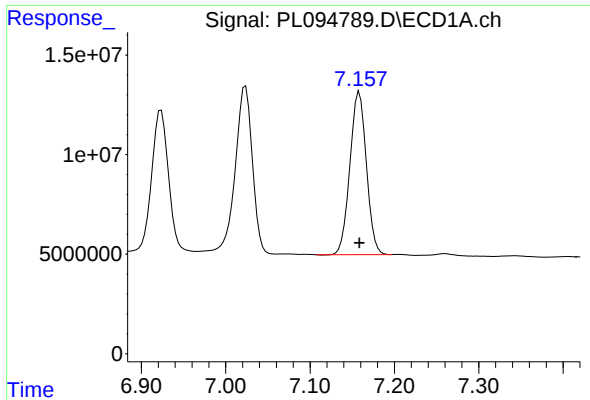
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 99009899
Conc: 46.90 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min
Delta R.T.: -0.002 min
Response: 142441221
Conc: 42.33 ng/ml



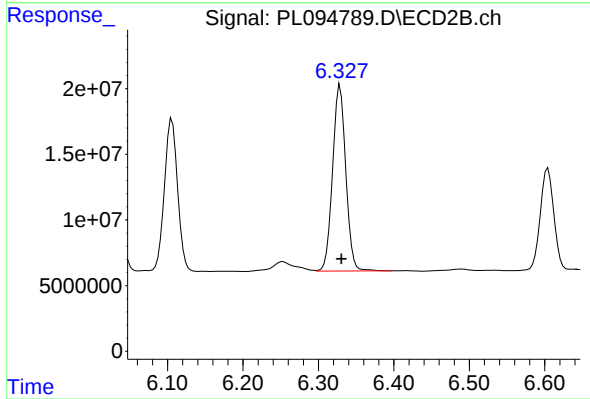
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 111098889
Conc: 45.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MSD

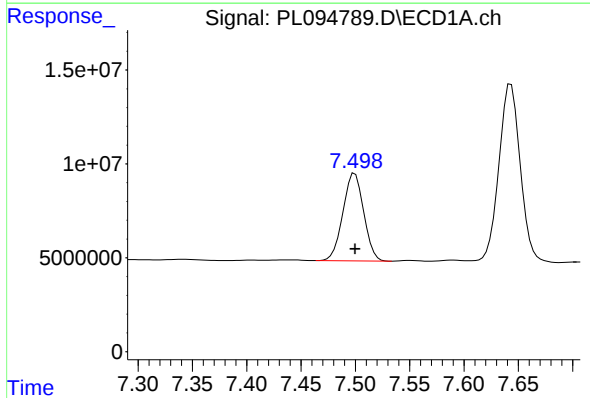
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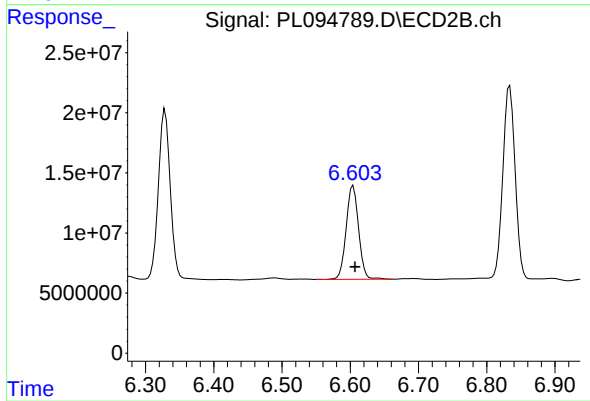
#19 Endosulfan Sulfate

R.T.: 6.329 min
Delta R.T.: -0.002 min
Response: 172215402
Conc: 42.28 ng/ml



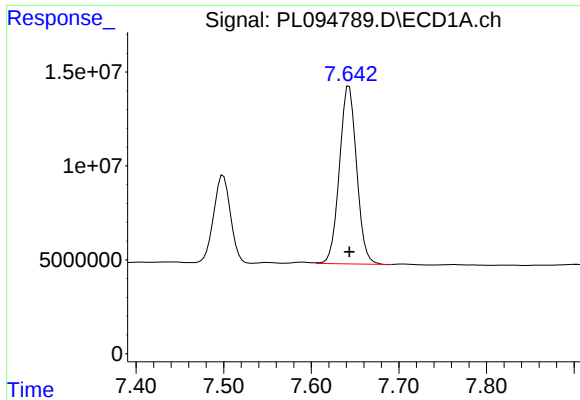
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 62184300
Conc: 51.95 ng/ml



#20 Methoxychlor

R.T.: 6.604 min
Delta R.T.: -0.003 min
Response: 98770806
Conc: 46.57 ng/ml



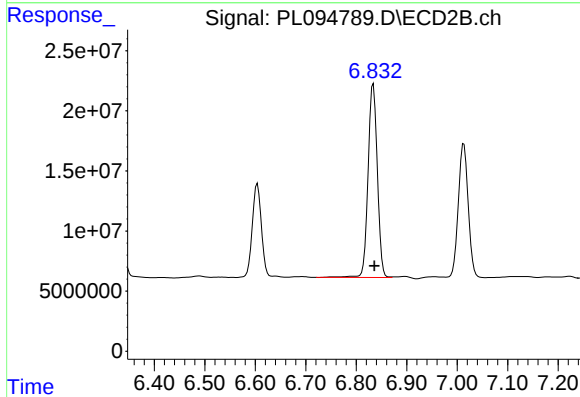
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 129244354
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MSD

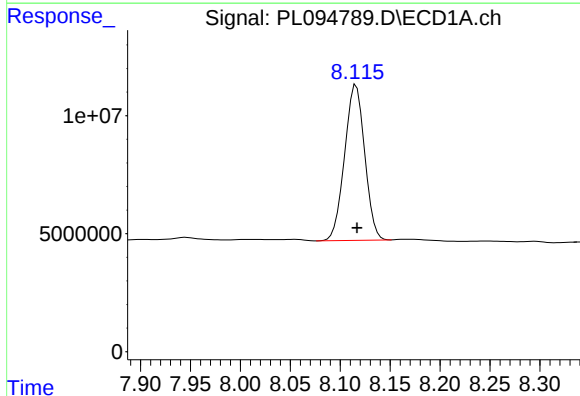
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



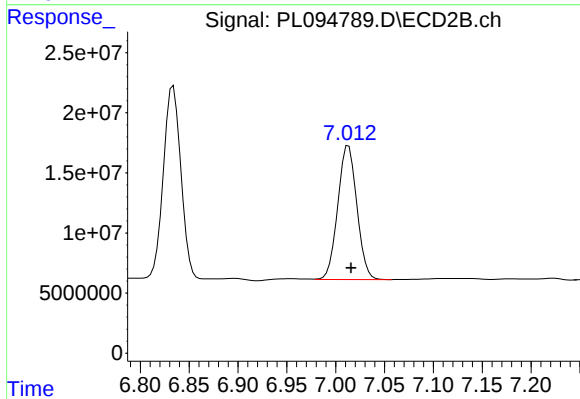
#21 Endrin ketone

R.T.: 6.834 min
Delta R.T.: -0.002 min
Response: 204869830
Conc: 42.93 ng/ml



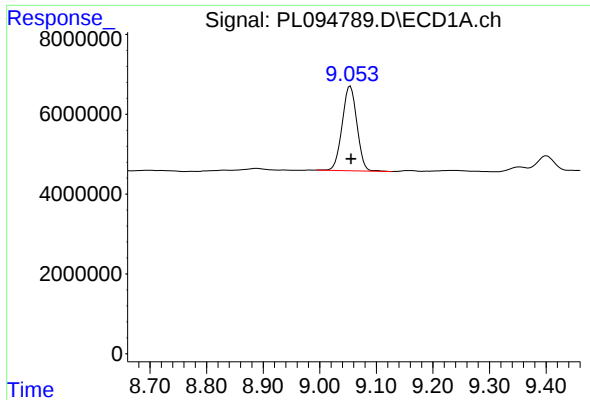
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 92351443
Conc: 44.69 ng/ml



#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 151894161
Conc: 40.02 ng/ml



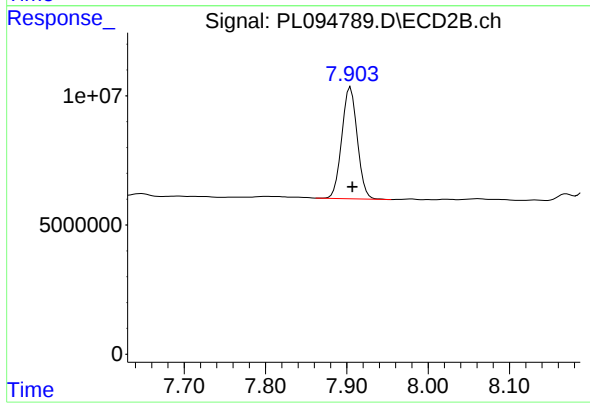
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.002 min
Response: 38375422
Conc: 18.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR251346MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2025
Supervised By :mohammad ahmed 03/25/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 56942962
Conc: 14.10 ng/ml