

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121223\
 Data File : PL087109.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2023 18:25
 Operator : AR\AJ
 Sample : PB157717BS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157717BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/13/2023
 Supervised By : Ankita Jodhani 12/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 21:44:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 17:22:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.454	2.703	57164883	15093914	15.668	15.283
28)	SA Decachlor...	9.050	7.900	55237431	20362544	18.249	19.878
Target Compounds							
2)	A alpha-BHC	3.913	3.210	220.8E6	54593334	42.031	41.341
3)	MA gamma-BHC...	4.248	3.541	206.9E6	54498861	42.128	41.623
4)	MA Heptachlor	4.844	3.885	217.4E6	54134565	42.896	41.695
5)	MB Aldrin	5.188	4.166	204.1E6	50601545	42.570	41.242
6)	B beta-BHC	4.449	3.843	85637919	24218527	40.761	40.595
7)	B delta-BHC	4.696	4.073	190.7E6	52533794	41.677	40.938
8)	B Heptachlo...	5.620	4.674	187.0E6	49815723	44.117	43.170
9)	A Endosulfan I	6.008	5.045	176.3E6	53237124	43.699	43.793
10)	B gamma-Chl...	5.879	4.928	189.6E6	57541749	44.199	47.019
11)	B alpha-Chl...	5.960	4.992	187.1E6	57274874	43.756	45.525
12)	B 4,4'-DDE	6.144	5.191	141.8E6	48358913	43.313	46.523
13)	MA Dieldrin	6.288	5.313	177.5E6	52345292	43.564	44.984
14)	MA Endrin	6.518	5.589	144.7E6	45979838	43.433	44.972
15)	B Endosulfa...	6.741	5.886	146.8E6	42021330	40.527	42.931
16)	A 4,4'-DDD	6.668	5.750	111.8E6	36551353	45.949	44.080
17)	MA 4,4'-DDT	6.987	6.003	122.4E6	39609686	43.317	45.150
18)	B Endrin al...	6.874	6.069	110.0E6	35028593	46.723	43.962
19)	B Endosulfa...	7.112	6.294	142.3E6	41091587	43.289	43.981
20)	A Methoxychlor	7.479	6.589	62988861	23561181	43.072	43.213
21)	B Endrin ke...	7.600	6.798	140.4E6	47966039	43.266	44.630m
22)	Mirex	8.079	6.983	132.3E6	43412667	44.945	46.196

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121223\
Data File : PL087109.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Dec 2023 18:25
Operator : AR\AJ
Sample : PB157717BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

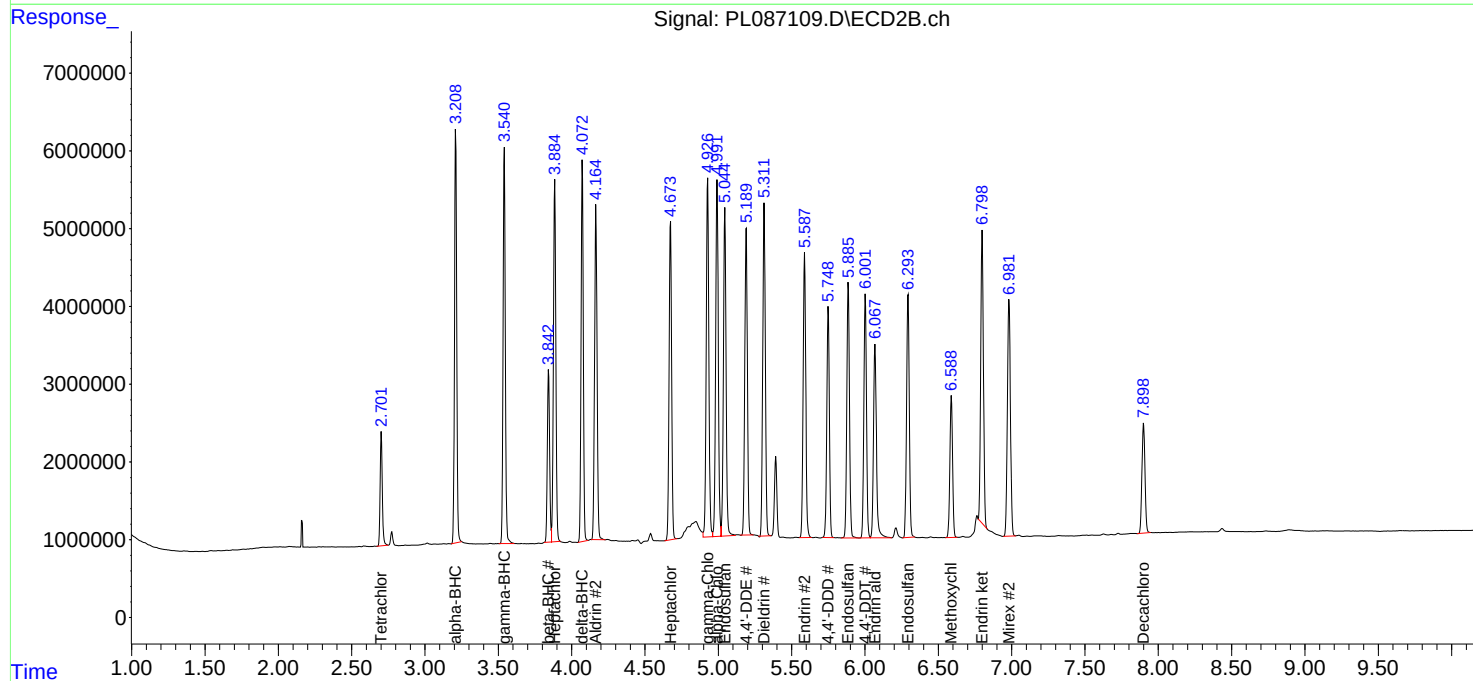
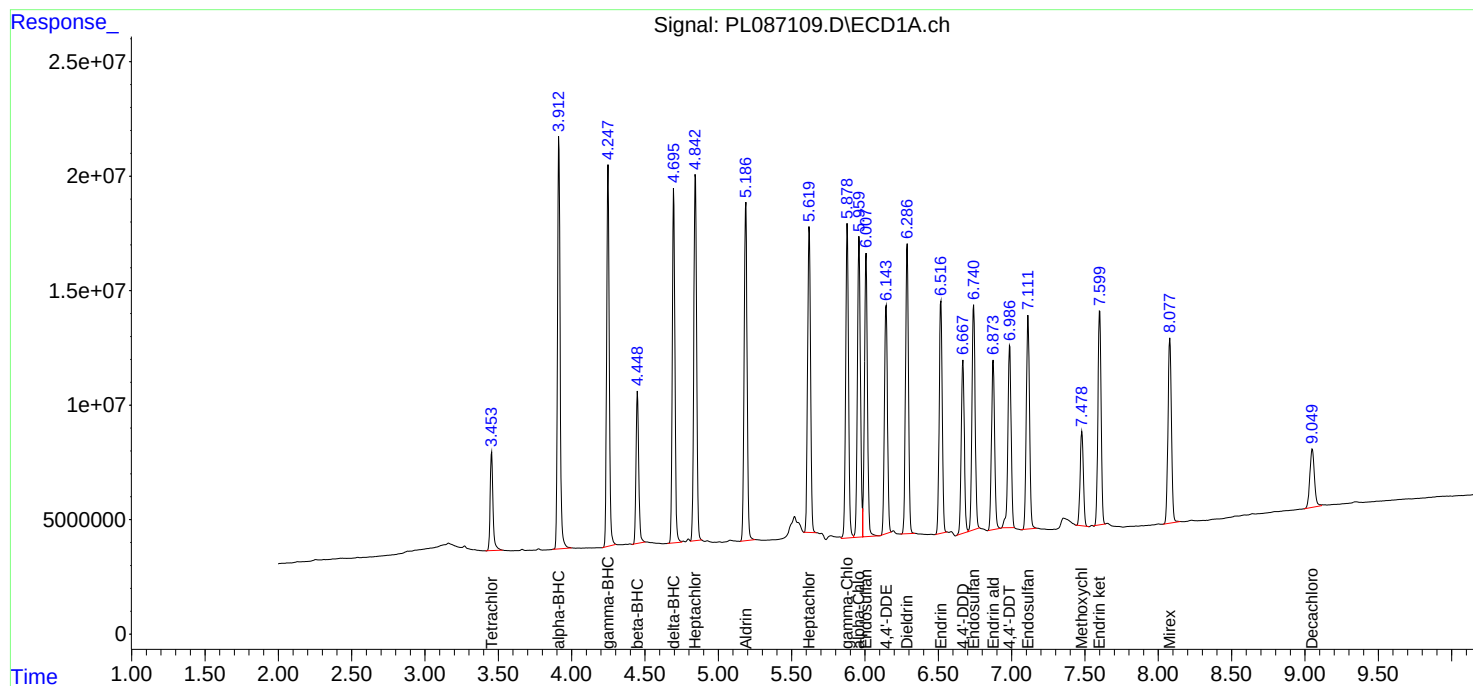
Instrument :
ECD_L
ClientSampleId :
PB157717BS

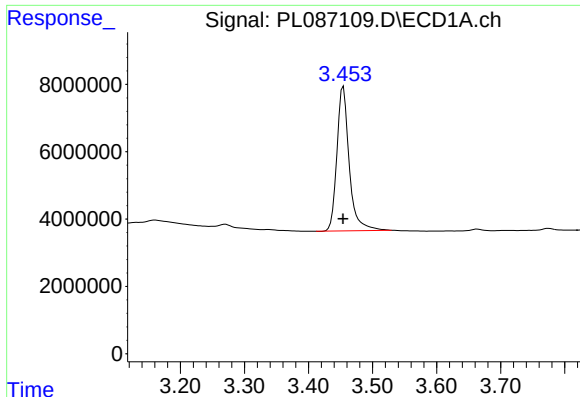
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 12 21:44:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
Quant Title : GC Extractables
QLast Update : Tue Dec 12 17:22:26 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





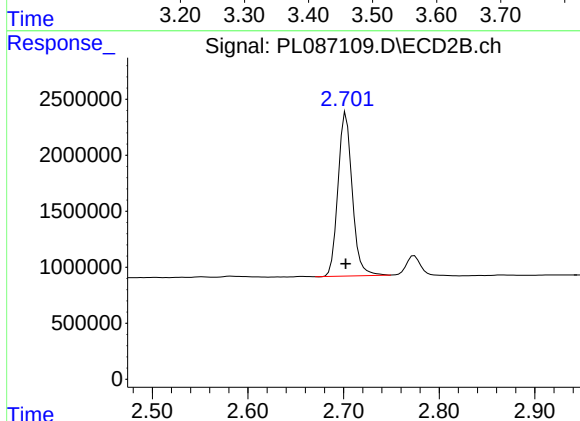
#1 Tetrachloro-m-xylene

R.T.: 3.454 min
Delta R.T.: 0.000 min
Response: 57164883
Conc: 15.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157717BS

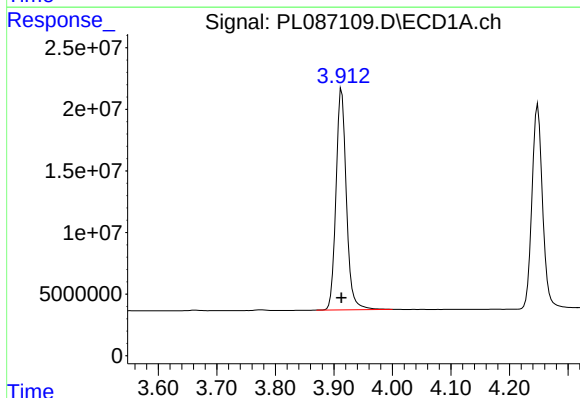
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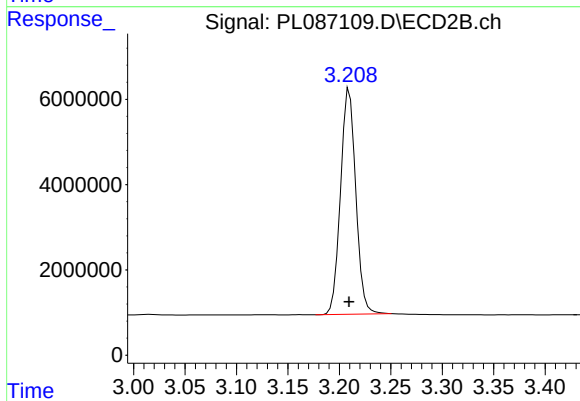
#1 Tetrachloro-m-xylene

R.T.: 2.703 min
Delta R.T.: 0.000 min
Response: 15093914
Conc: 15.28 ng/ml



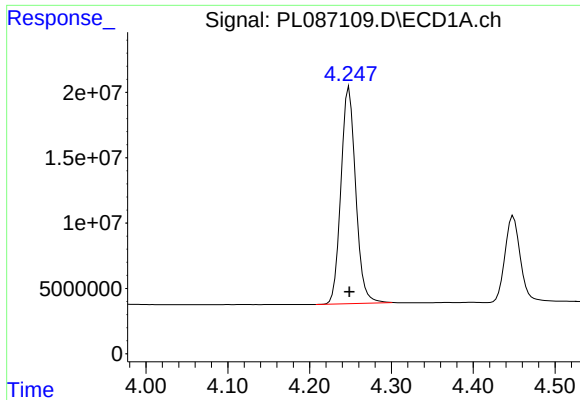
#2 alpha-BHC

R.T.: 3.913 min
Delta R.T.: 0.000 min
Response: 220798350
Conc: 42.03 ng/ml



#2 alpha-BHC

R.T.: 3.210 min
Delta R.T.: 0.000 min
Response: 54593334
Conc: 41.34 ng/ml



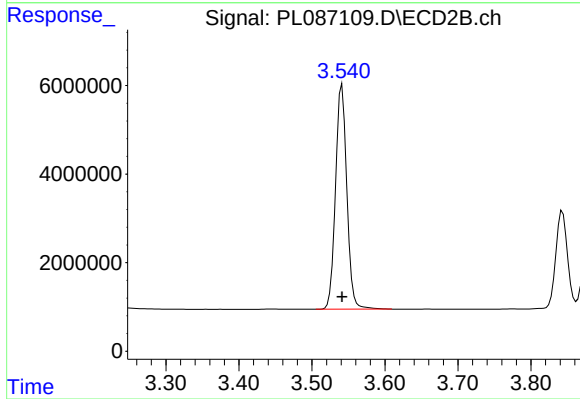
#3 gamma-BHC (Lindane)

R.T.: 4.248 min
Delta R.T.: 0.000 min
Response: 206912345
Conc: 42.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157717BS

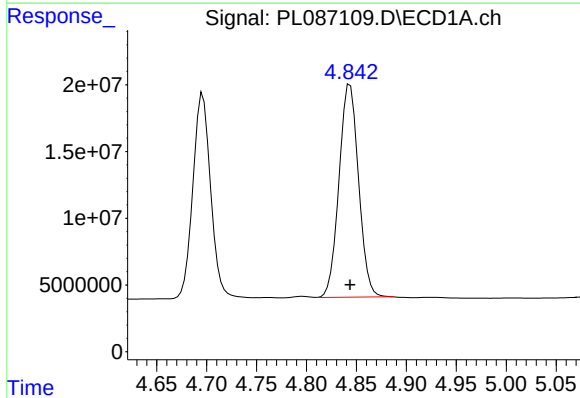
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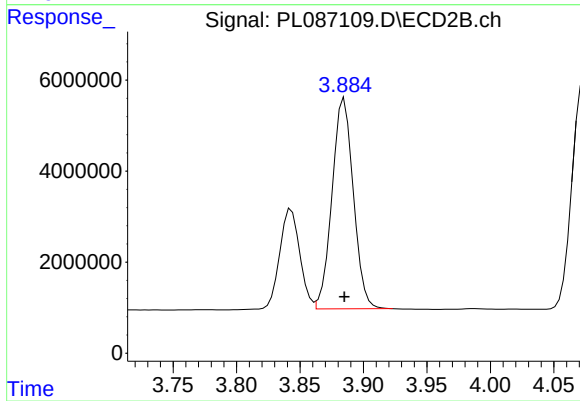
#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 54498861
Conc: 41.62 ng/ml



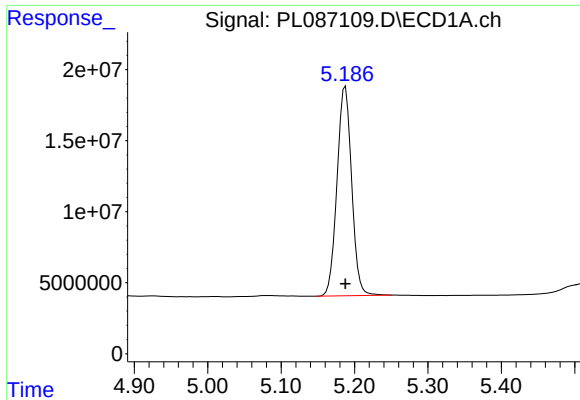
#4 Heptachlor

R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 217439450
Conc: 42.90 ng/ml



#4 Heptachlor

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 54134565
Conc: 41.69 ng/ml



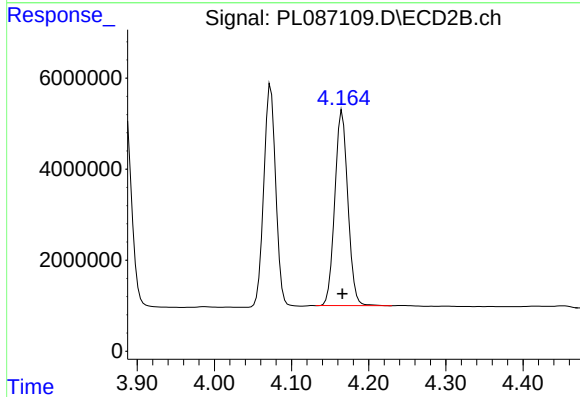
#5 Aldrin

R.T.: 5.188 min
Delta R.T.: 0.000 min
Response: 204097883
Conc: 42.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157717BS

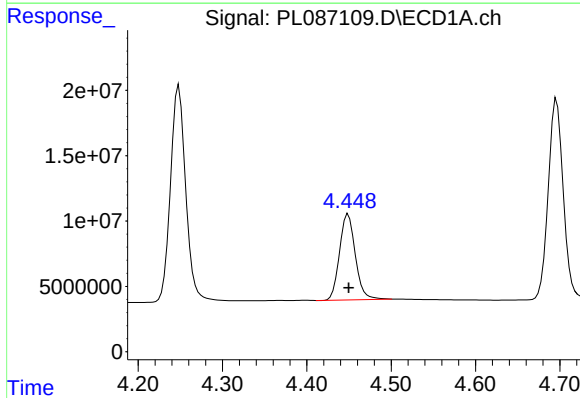
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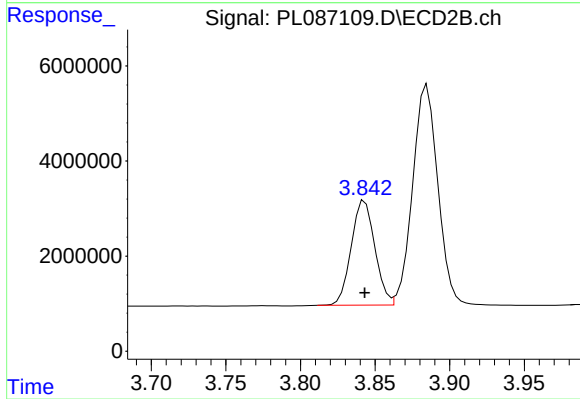
#5 Aldrin

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 50601545
Conc: 41.24 ng/ml



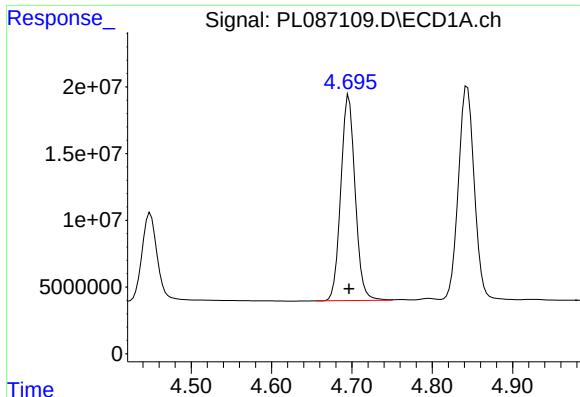
#6 beta-BHC

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 85637919
Conc: 40.76 ng/ml



#6 beta-BHC

R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 24218527
Conc: 40.59 ng/ml



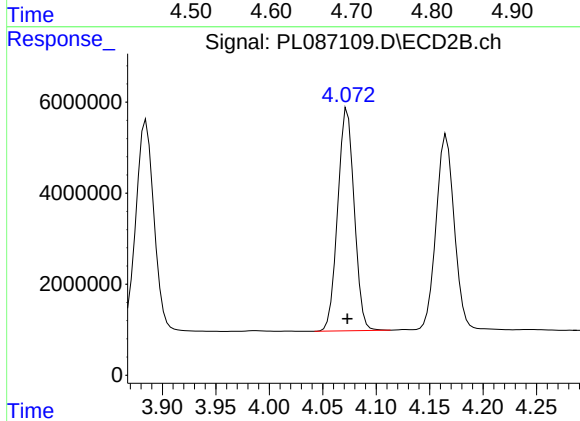
#7 delta-BHC

R.T.: 4.696 min
Delta R.T.: 0.000 min
Response: 190652273
Conc: 41.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157717BS

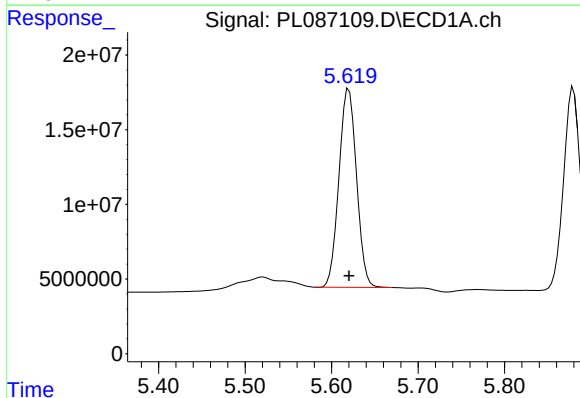
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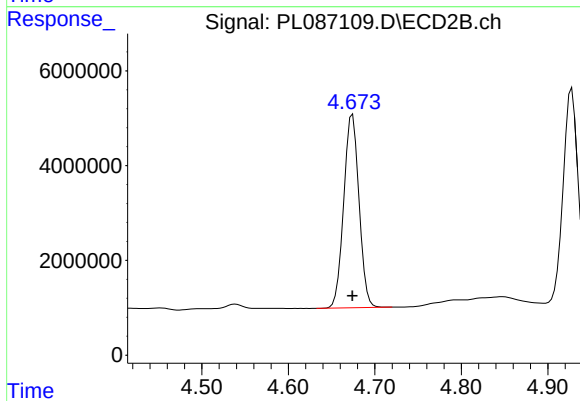
#7 delta-BHC

R.T.: 4.073 min
Delta R.T.: 0.000 min
Response: 52533794
Conc: 40.94 ng/ml



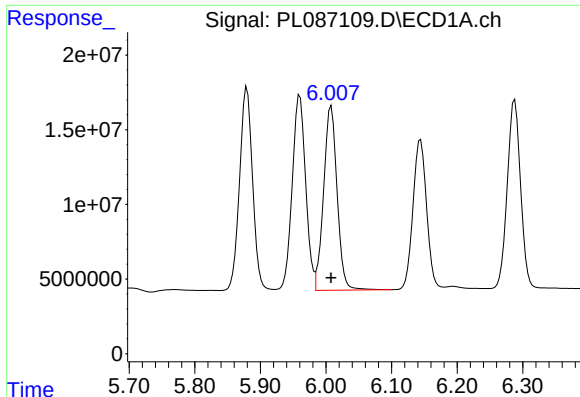
#8 Heptachlor epoxide

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 186990450
Conc: 44.12 ng/ml



#8 Heptachlor epoxide

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 49815723
Conc: 43.17 ng/ml



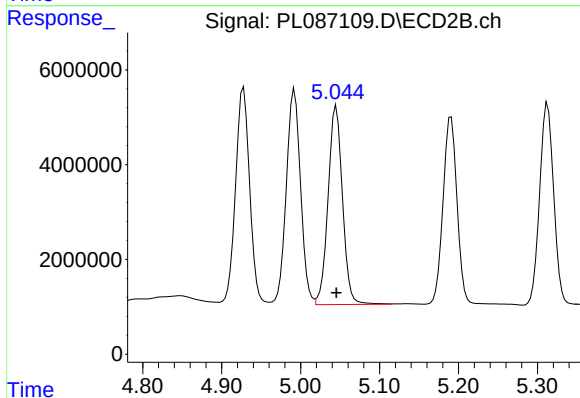
#9 Endosulfan I

R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 176319453
Conc: 43.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157717BS

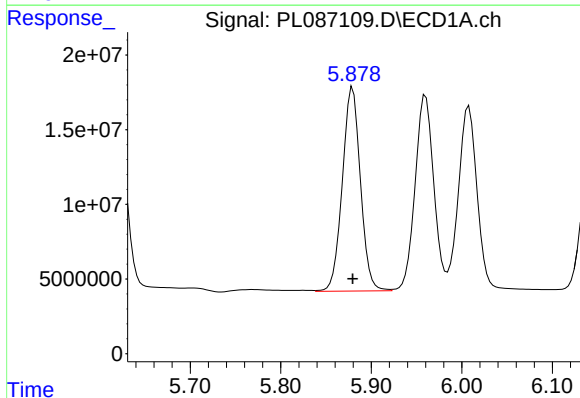
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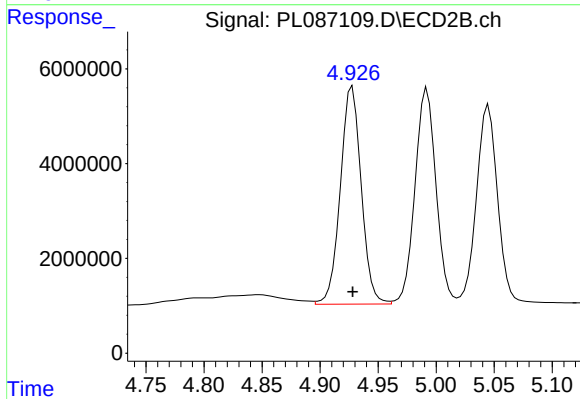
#9 Endosulfan I

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 53237124
Conc: 43.79 ng/ml



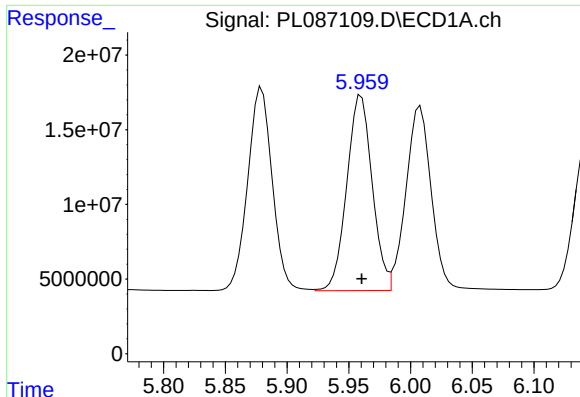
#10 gamma-Chlordane

R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 189641029
Conc: 44.20 ng/ml



#10 gamma-Chlordane

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 57541749
Conc: 47.02 ng/ml



#11 alpha-Chlordane

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 187131133
Conc: 43.76 ng/ml

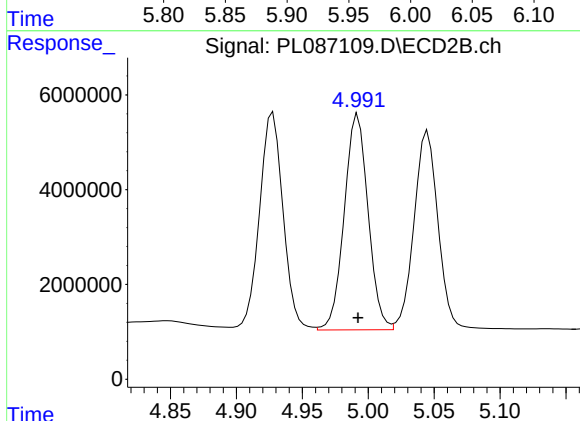
Instrument :

ECD_L

ClientSampleId :
PB157717BS

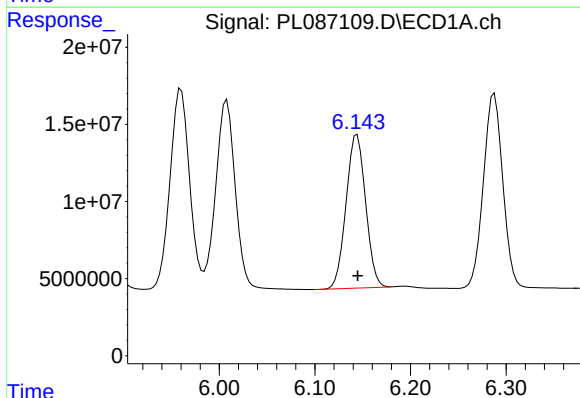
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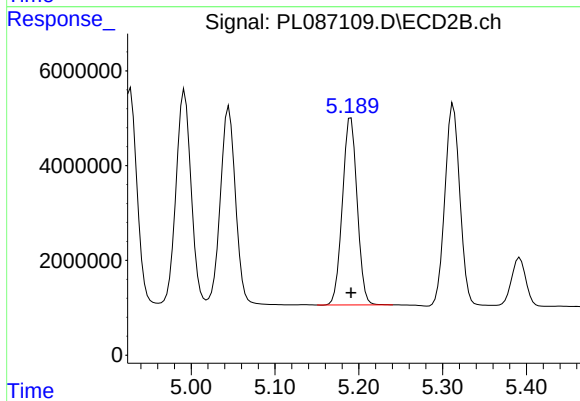
#11 alpha-Chlordane

R.T.: 4.992 min
Delta R.T.: 0.000 min
Response: 57274874
Conc: 45.52 ng/ml



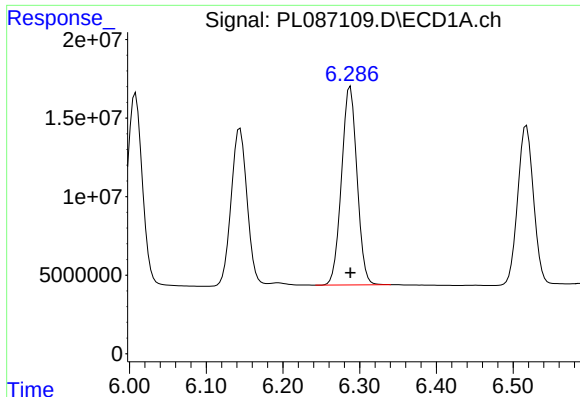
#12 4,4'-DDE

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 141783683
Conc: 43.31 ng/ml



#12 4,4'-DDE

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 48358913
Conc: 46.52 ng/ml



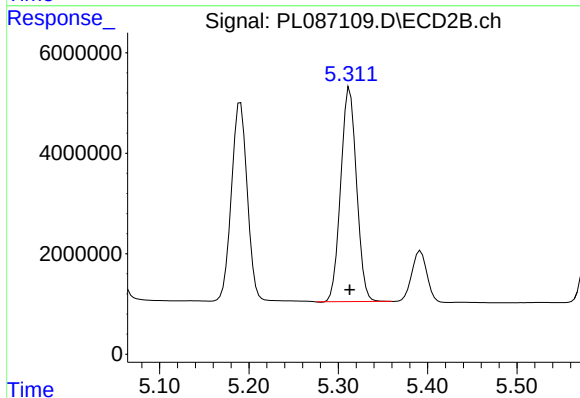
#13 Dieldrin

R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 177542870
Conc: 43.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157717BS

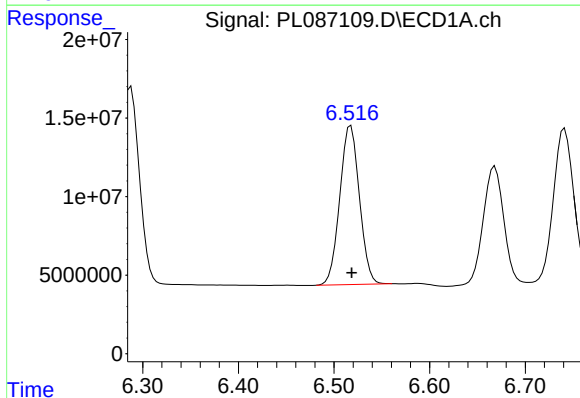
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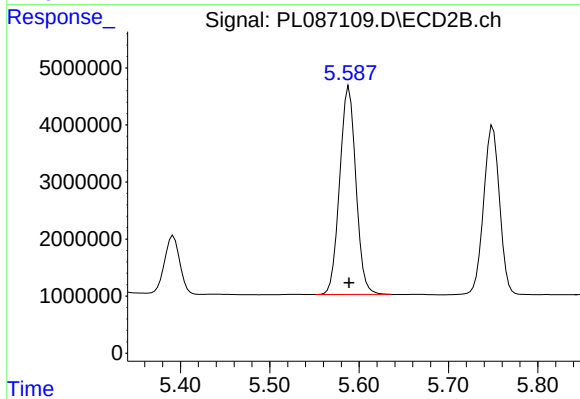
#13 Dieldrin

R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 52345292
Conc: 44.98 ng/ml



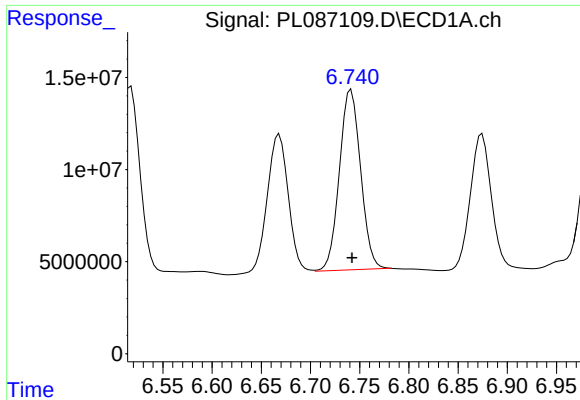
#14 Endrin

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 144681059
Conc: 43.43 ng/ml



#14 Endrin

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 45979838
Conc: 44.97 ng/ml



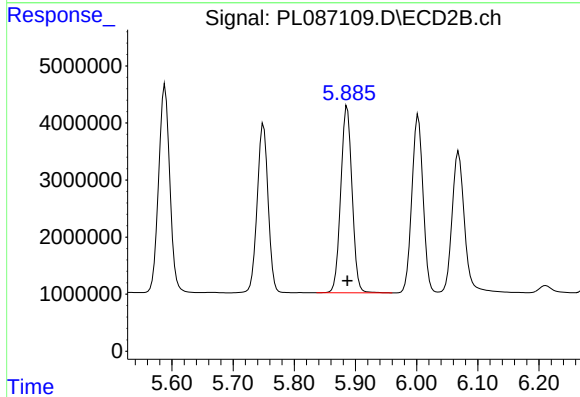
#15 Endosulfan II

R.T.: 6.741 min
Delta R.T.: 0.000 min
Response: 146847451
Conc: 40.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157717BS

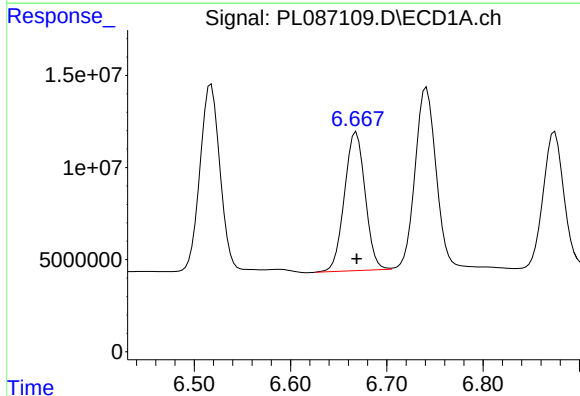
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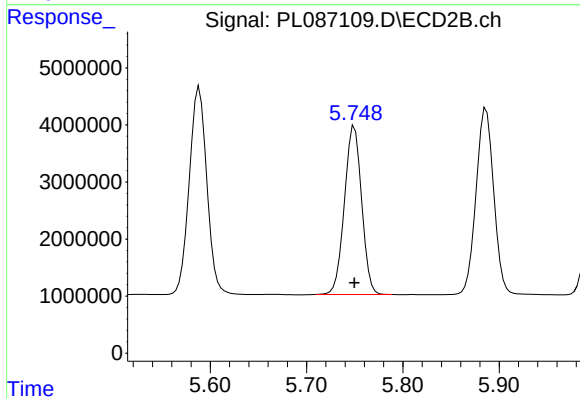
#15 Endosulfan II

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 42021330
Conc: 42.93 ng/ml



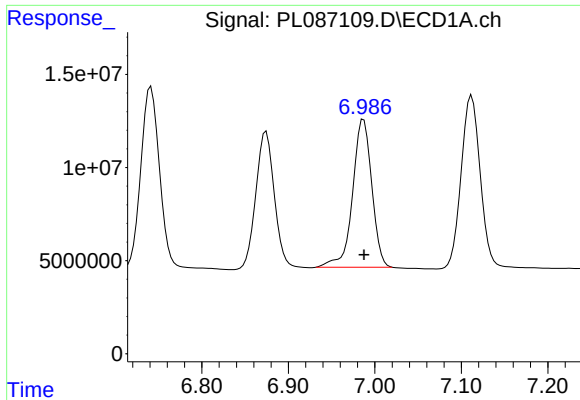
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 111814887
Conc: 45.95 ng/ml



#16 4,4'-DDD

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 36551353
Conc: 44.08 ng/ml



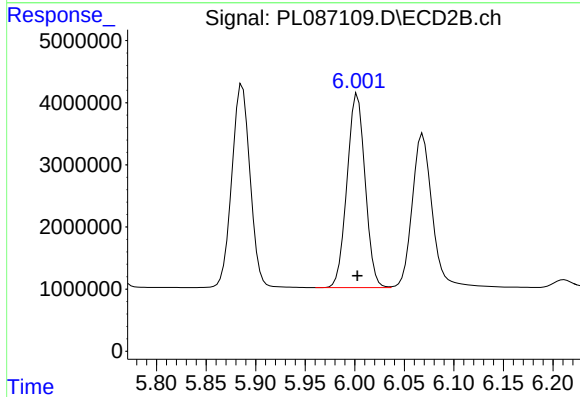
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: 0.000 min
Response: 122384646
Conc: 43.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157717BS

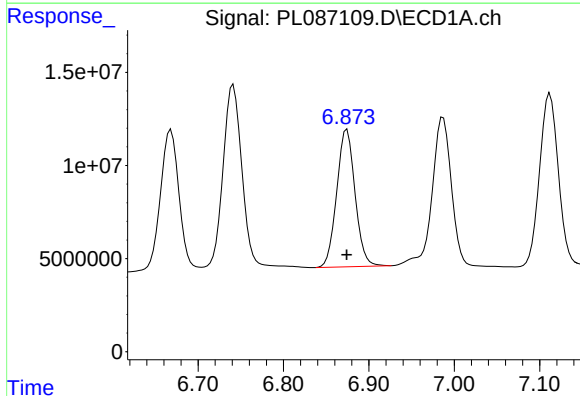
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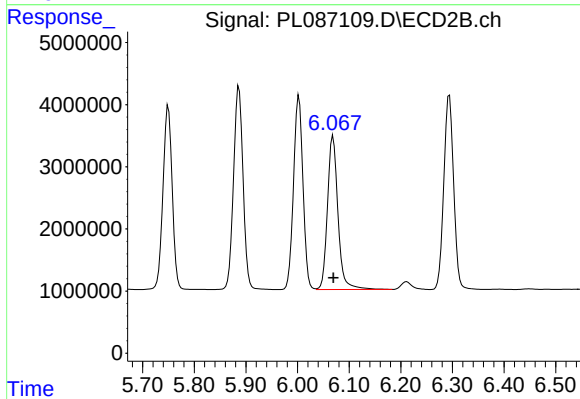
#17 4,4'-DDT

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 39609686
Conc: 45.15 ng/ml



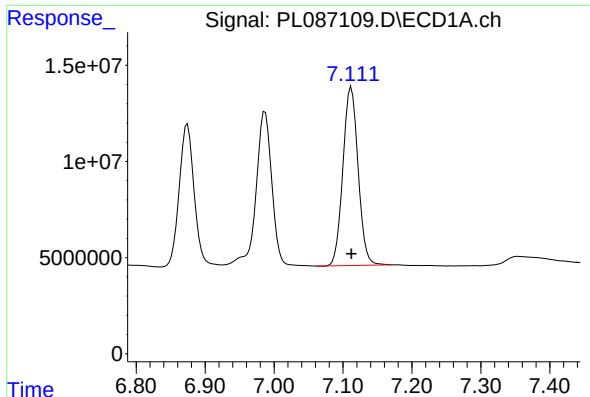
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 109983047
Conc: 46.72 ng/ml



#18 Endrin aldehyde

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 35028593
Conc: 43.96 ng/ml



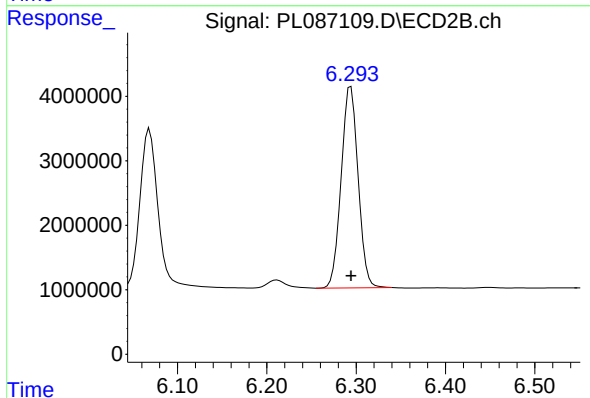
#19 Endosulfan Sulfate

R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 142310927
Conc: 43.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157717BS

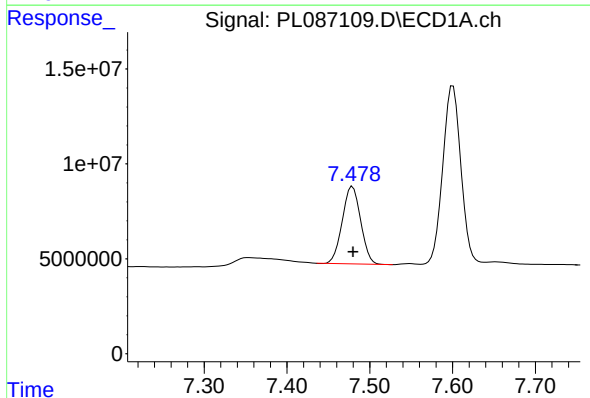
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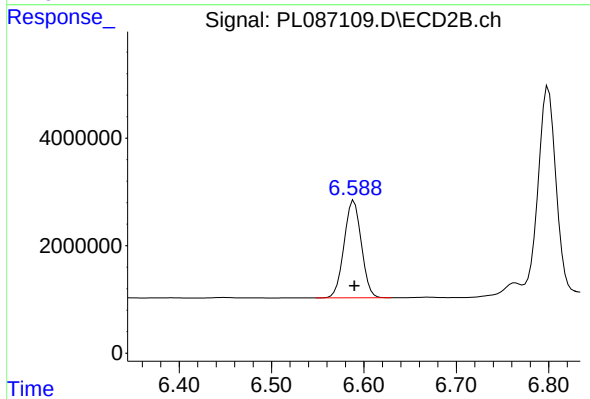
#19 Endosulfan Sulfate

R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 41091587
Conc: 43.98 ng/ml



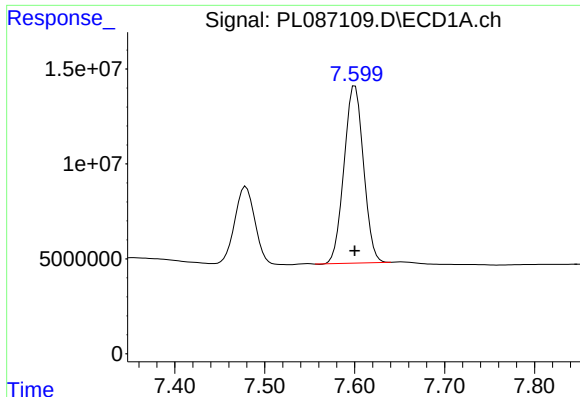
#20 Methoxychlor

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 62988861
Conc: 43.07 ng/ml



#20 Methoxychlor

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 23561181
Conc: 43.21 ng/ml



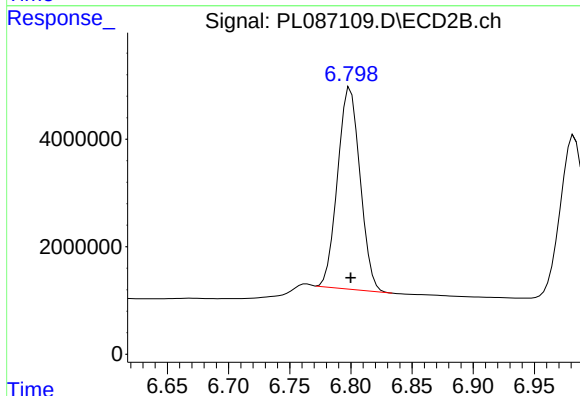
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 140374462
Conc: 43.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157717BS

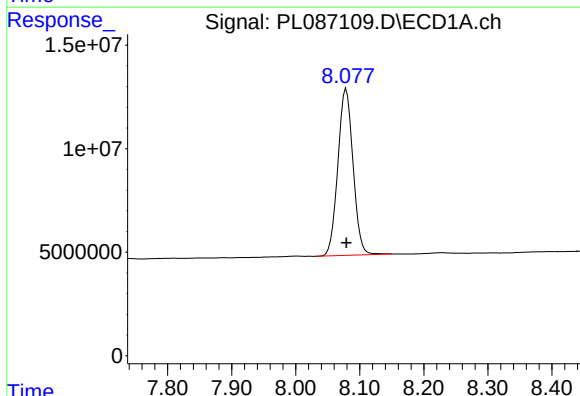
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Reviewed By :Abdul Mirza 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023



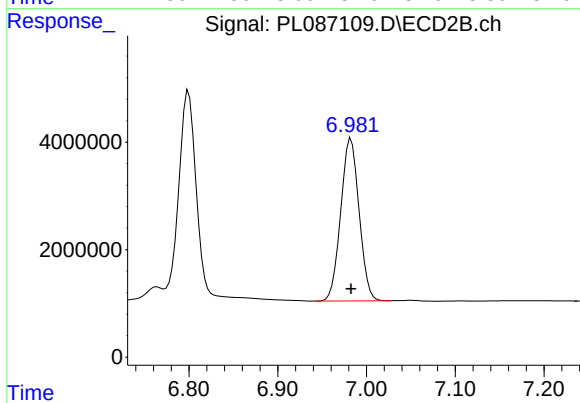
#21 Endrin ketone

R.T.: 6.798 min
Delta R.T.: -0.002 min
Response: 47966039
Conc: 44.63 ng/ml m



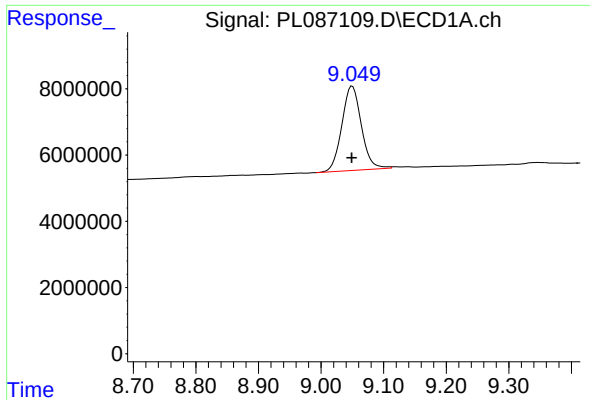
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 132275857
Conc: 44.94 ng/ml



#22 Mirex

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 43412667
Conc: 46.20 ng/ml



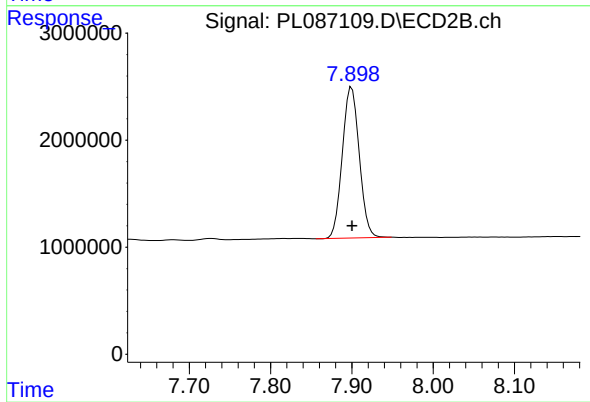
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: 0.001 min
Response: 55237431
Conc: 18.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157717BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 20362544
Conc: 19.88 ng/ml