

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101623\
 Data File : PL085961.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2023 18:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/17/2023
 Supervised By :Ankita Jodhani 10/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 22:20:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.356	2.622	127.9E6	39328198	43.014	42.102
28)	SA Decachlor...	8.859	7.776	111.1E6	48626862	50.991	52.684
Target Compounds							
2)	A alpha-BHC	3.810	3.121	187.8E6	55083607	43.765	43.782
3)	MA gamma-BHC...	4.141	3.448	183.3E6	55280222	44.341	44.821
4)	MA Heptachlor	4.729	3.784	178.2E6	54005817	46.063	46.434
5)	MB Aldrin	5.069	4.061	176.1E6	53680054	45.430	48.003
6)	B beta-BHC	4.344	3.750	77549076	24842492	46.896	47.720
7)	B delta-BHC	4.588	3.975	179.5E6	54613145	46.819	47.532
8)	B Heptachlo...	5.498	4.566	157.3E6	50063780	45.594m	49.844
9)	A Endosulfan I	5.881	4.934	146.0E6	47933263	45.159m	44.683
10)	B gamma-Chl...	5.755	4.816	156.1E6	50355105	45.627m	50.844m
11)	B alpha-Chl...	5.834	4.880	157.8E6	51704434	46.170m	47.404m
12)	B 4,4'-DDE	6.018	5.080	135.4E6	45052179	48.415m	54.866m
13)	MA Dieldrin	6.161	5.198	149.9E6	47934978	45.621	49.406m
14)	MA Endrin	6.388	5.473	124.7E6	45775315	43.745m	50.918
15)	B Endosulfa...	6.612	5.771	132.2E6	44860591	47.992	47.175
16)	A 4,4'-DDD	6.537	5.637	110.1E6	39146590	54.631m	56.242
17)	MA 4,4'-DDT	6.853	5.888	111.8E6	41160154	47.439	52.052
18)	B Endrin al...	6.743	5.952	96791298	36408431	47.757	48.824
19)	B Endosulfa...	6.979	6.177	121.8E6	44853945	48.549	49.721
20)	A Methoxychlor	7.340	6.473	63577891	25576593	45.523	48.618
21)	B Endrin ke...	7.461	6.679	130.6E6	53735446	45.356	46.750
22)	Mirex	7.934	6.857	101.5E6	45444430	45.865	48.183

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101623\
Data File : PL085961.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2023 18:42
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

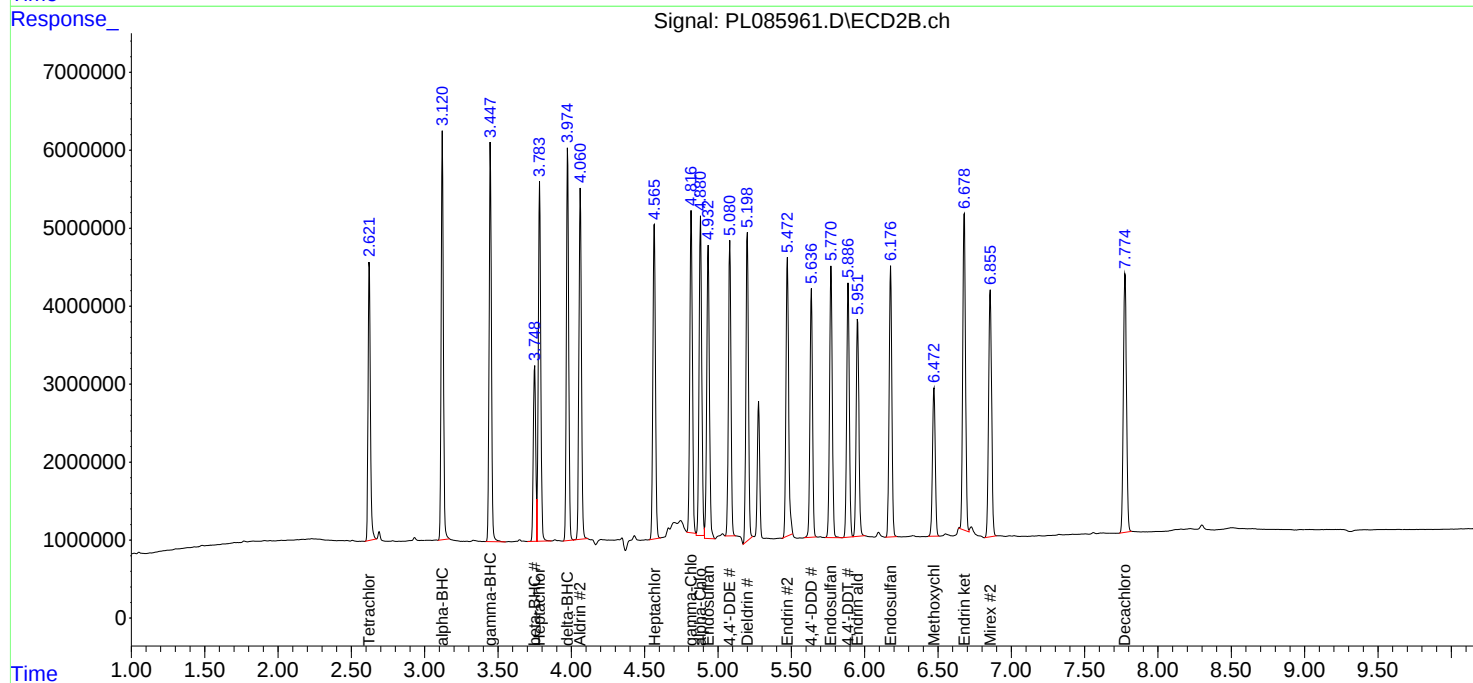
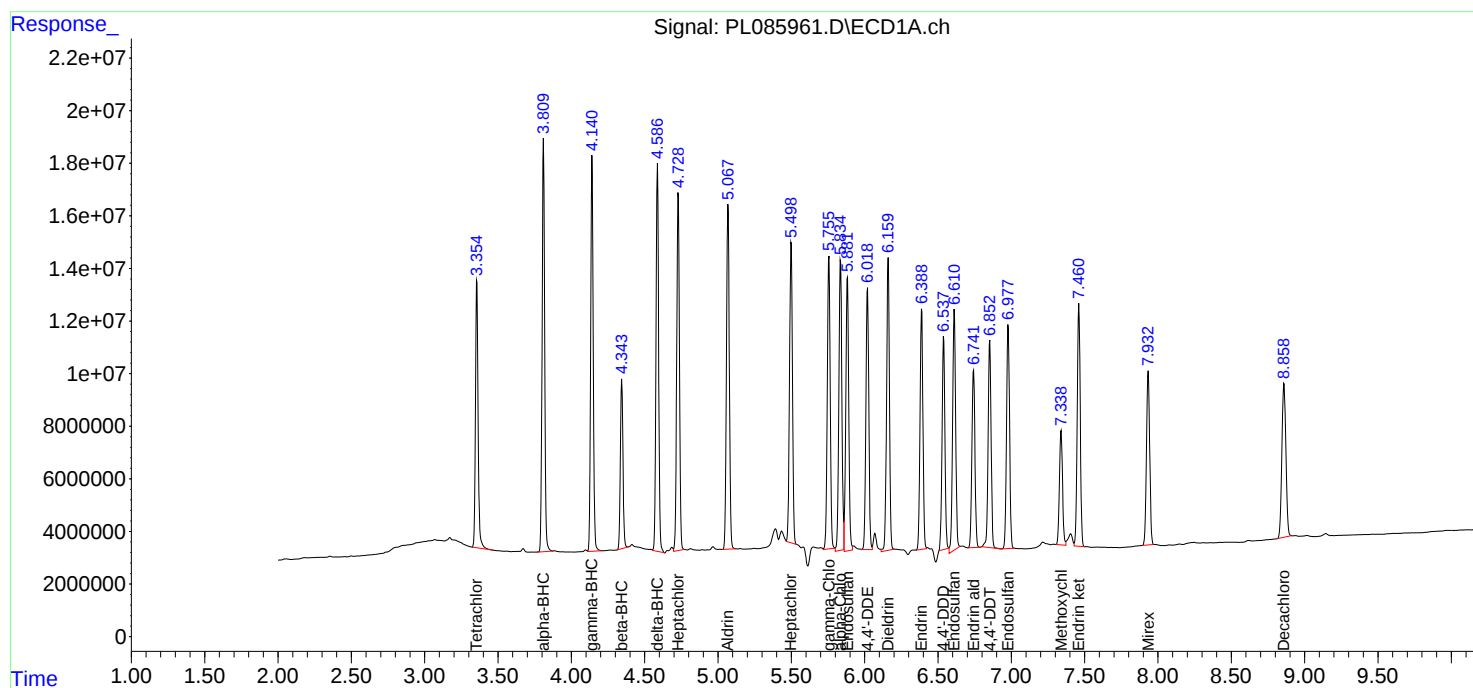
APPROVED

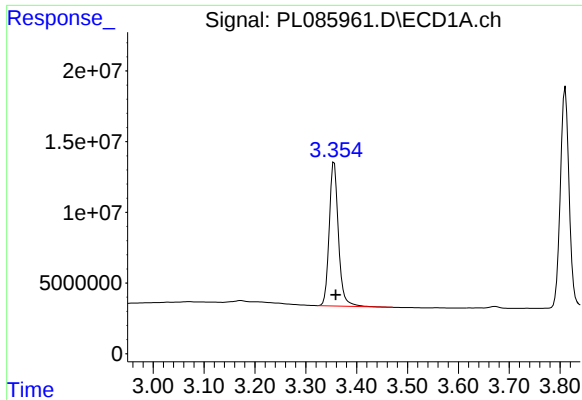
Reviewed By :Abdul Mirza 10/17/2023

Supervised By :Ankita Jodhani 10/17/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 22:20:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 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





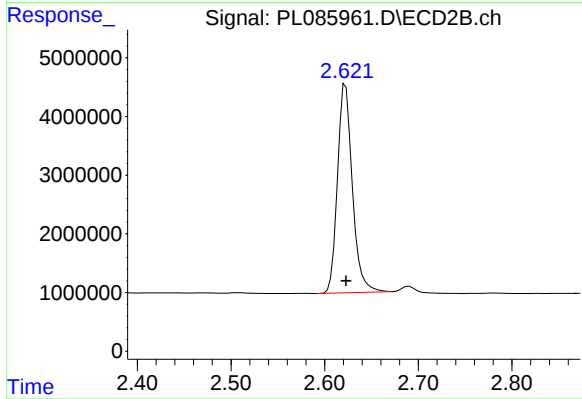
#1 Tetrachloro-m-xylene

R.T.: 3.356 min
Delta R.T.: -0.003 min
Response: 127930376
Conc: 43.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

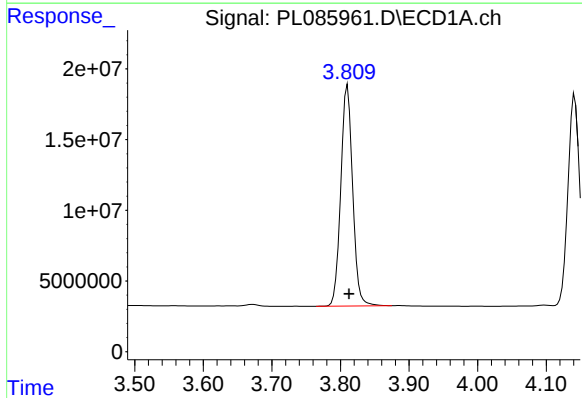
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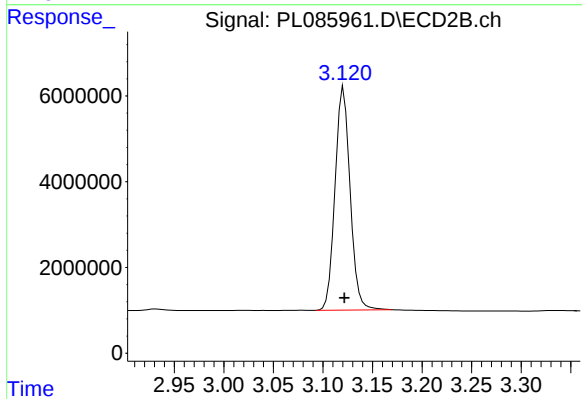
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 39328198
Conc: 42.10 ng/ml



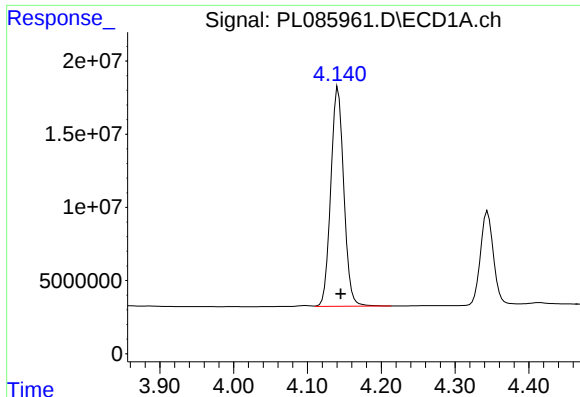
#2 alpha-BHC

R.T.: 3.810 min
Delta R.T.: -0.002 min
Response: 187835744
Conc: 43.77 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 55083607
Conc: 43.78 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.003 min
Response: 183276464
Conc: 44.34 ng/ml

Instrument :

ECD_L

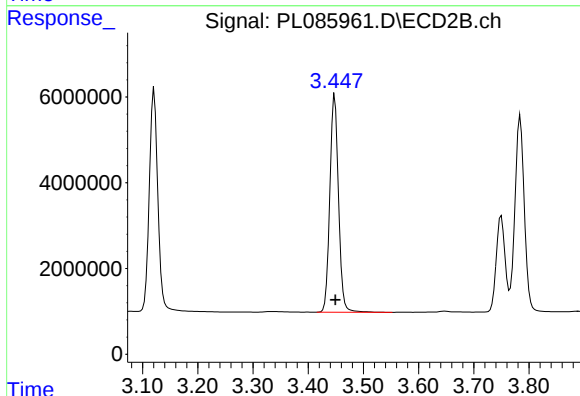
ClientSampleId :

PSTDCCC050

Manual Integrations

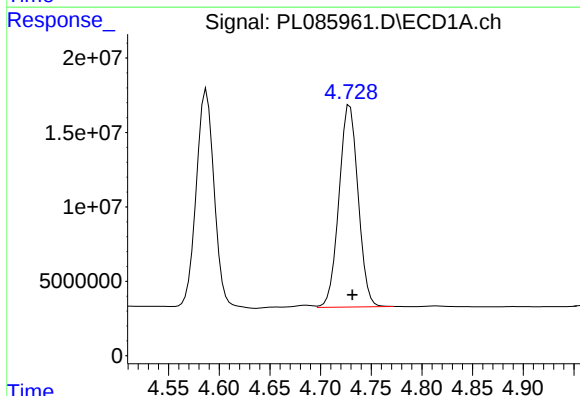
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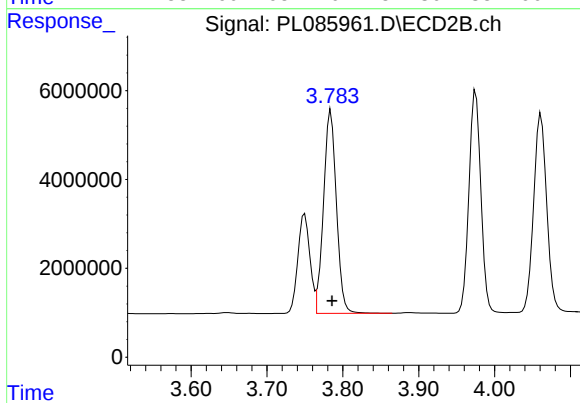
#3 gamma-BHC (Lindane)

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 55280222
Conc: 44.82 ng/ml



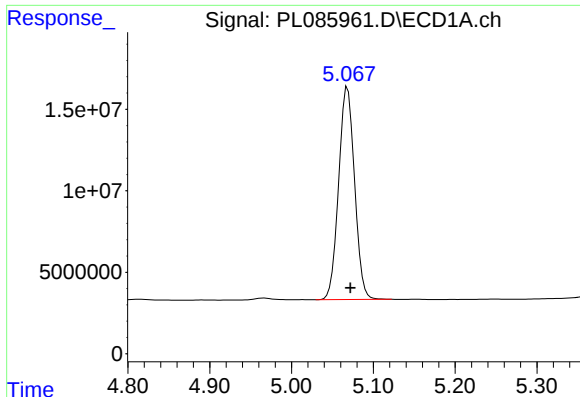
#4 Heptachlor

R.T.: 4.729 min
Delta R.T.: -0.003 min
Response: 178154298
Conc: 46.06 ng/ml



#4 Heptachlor

R.T.: 3.784 min
Delta R.T.: -0.002 min
Response: 54005817
Conc: 46.43 ng/ml



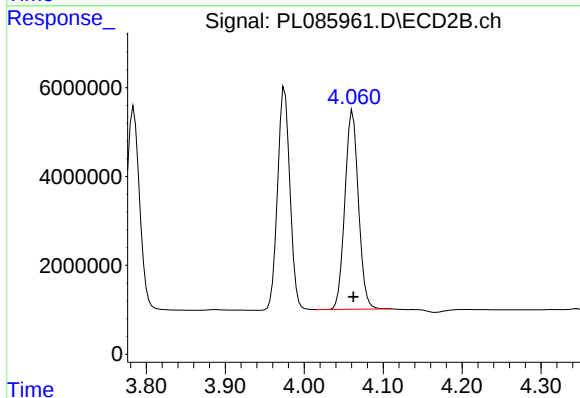
#5 Aldrin

R.T.: 5.069 min
Delta R.T.: -0.003 min
Response: 176104082
Conc: 45.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

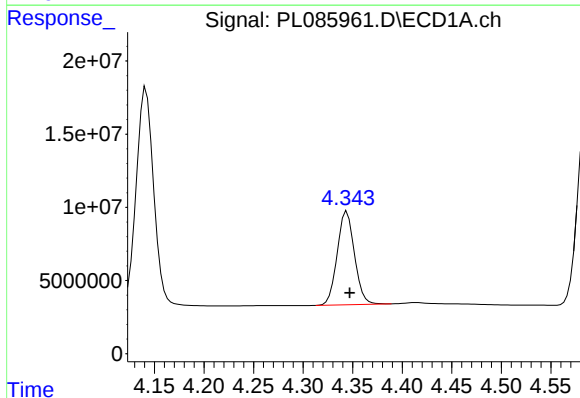
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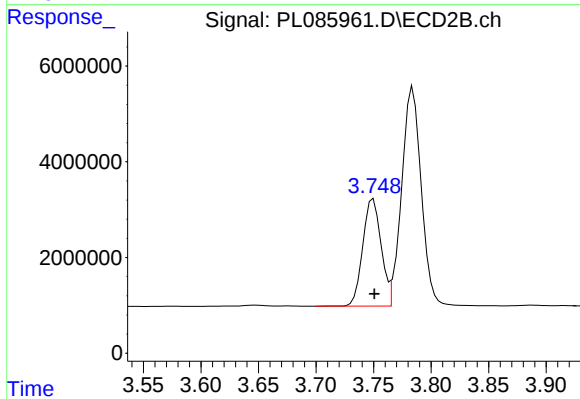
#5 Aldrin

R.T.: 4.061 min
Delta R.T.: -0.001 min
Response: 53680054
Conc: 48.00 ng/ml



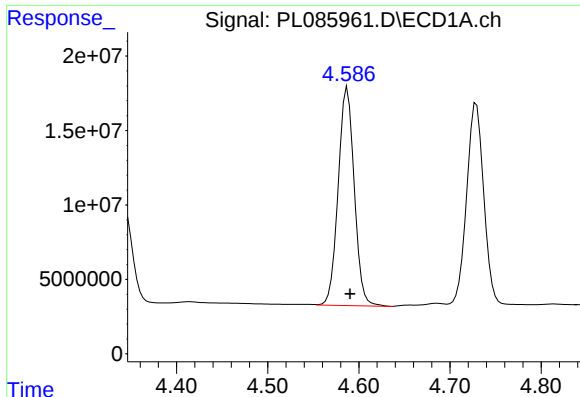
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.003 min
Response: 77549076
Conc: 46.90 ng/ml



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 24842492
Conc: 47.72 ng/ml



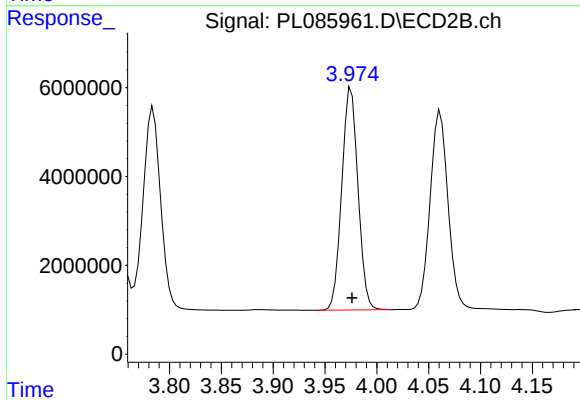
#7 delta-BHC

R.T.: 4.588 min
Delta R.T.: -0.003 min
Response: 179522724
Conc: 46.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

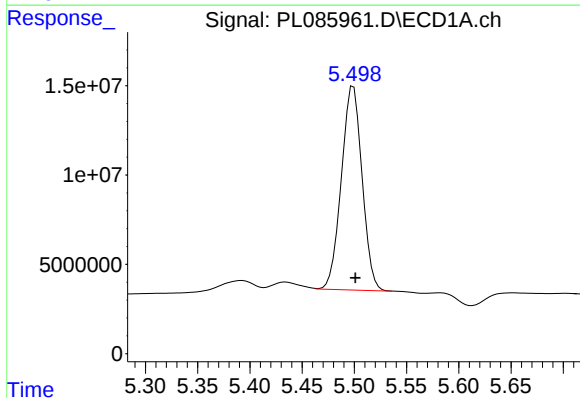
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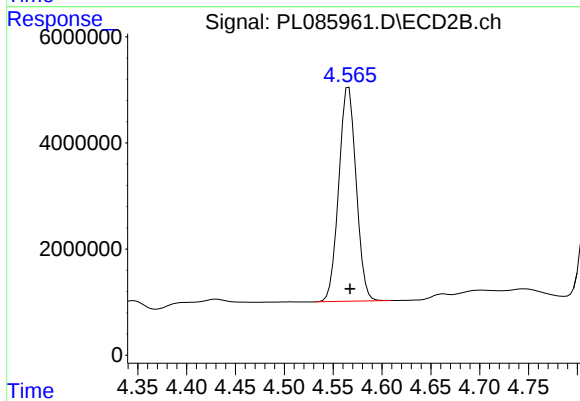
#7 delta-BHC

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 54613145
Conc: 47.53 ng/ml



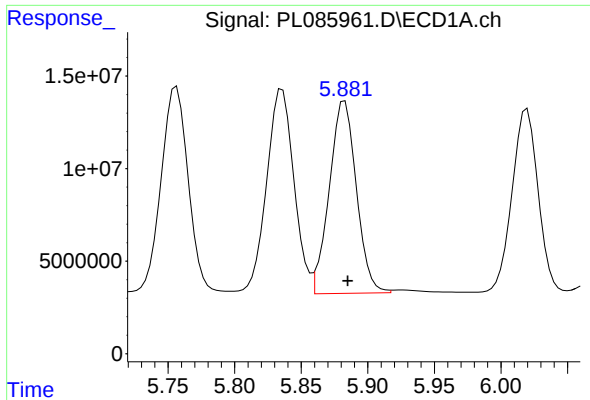
#8 Heptachlor epoxide

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 157290756
Conc: 45.59 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.566 min
Delta R.T.: -0.001 min
Response: 50063780
Conc: 49.84 ng/ml



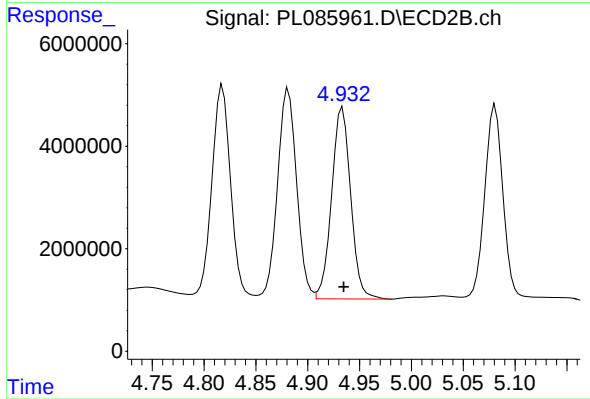
#9 Endosulfan I

R.T.: 5.881 min
Delta R.T.: -0.004 min
Response: 146045492
Conc: 45.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

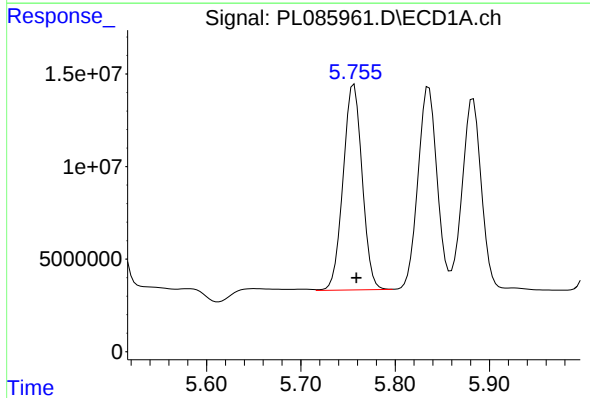
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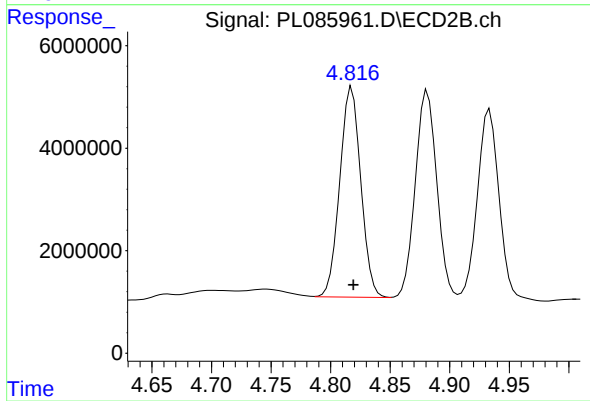
#9 Endosulfan I

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 47933263
Conc: 44.68 ng/ml



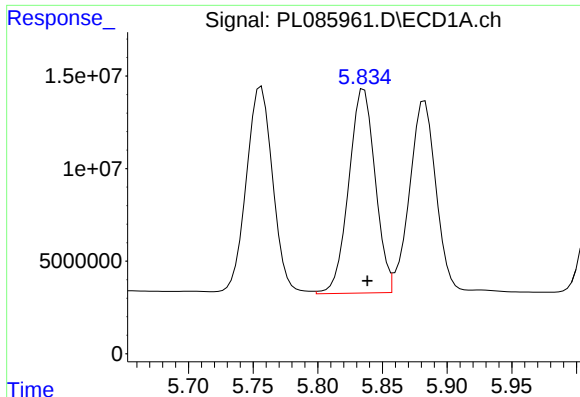
#10 gamma-Chlordane

R.T.: 5.755 min
Delta R.T.: -0.004 min
Response: 156109210
Conc: 45.63 ng/ml m



#10 gamma-Chlordane

R.T.: 4.816 min
Delta R.T.: -0.002 min
Response: 50355105
Conc: 50.84 ng/ml m



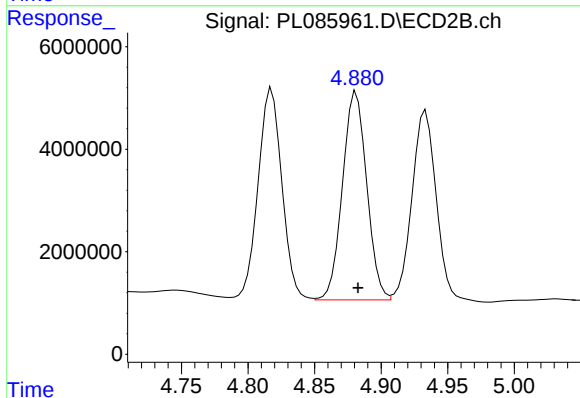
#11 alpha-Chlordane

R.T.: 5.834 min
Delta R.T.: -0.004 min
Response: 157794560
Conc: 46.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

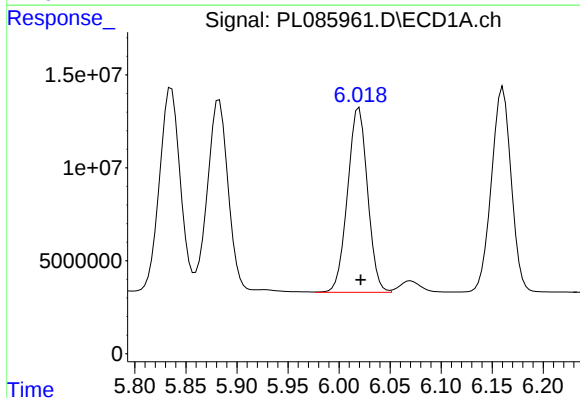
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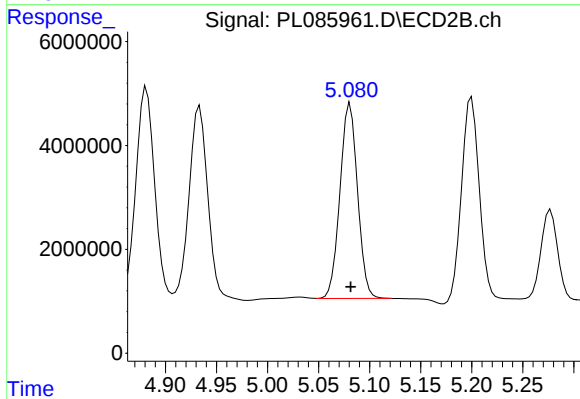
#11 alpha-Chlordane

R.T.: 4.880 min
Delta R.T.: -0.003 min
Response: 51704434
Conc: 47.40 ng/ml m



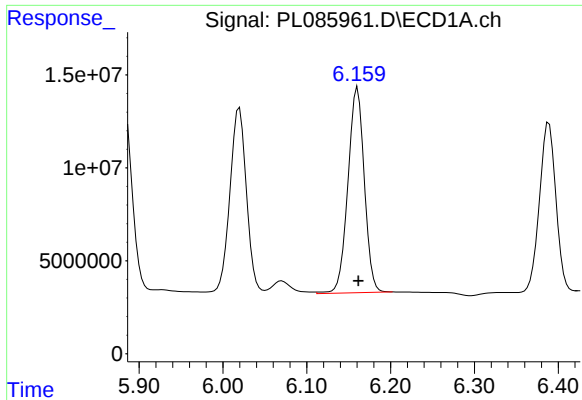
#12 4,4'-DDE

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 135393604
Conc: 48.41 ng/ml m



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.002 min
Response: 45052179
Conc: 54.87 ng/ml m



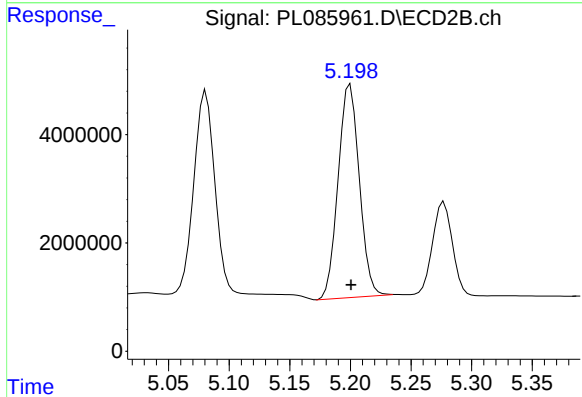
#13 Dieldrin

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 149909091
Conc: 45.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

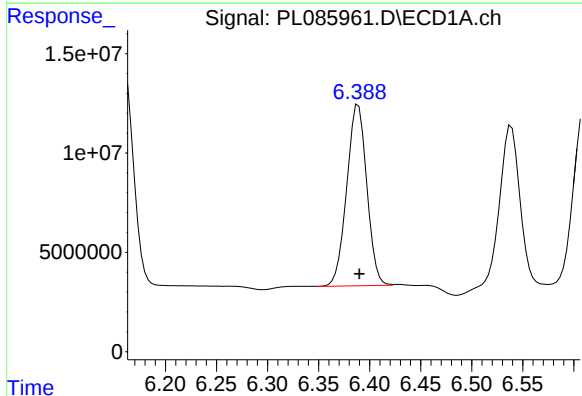
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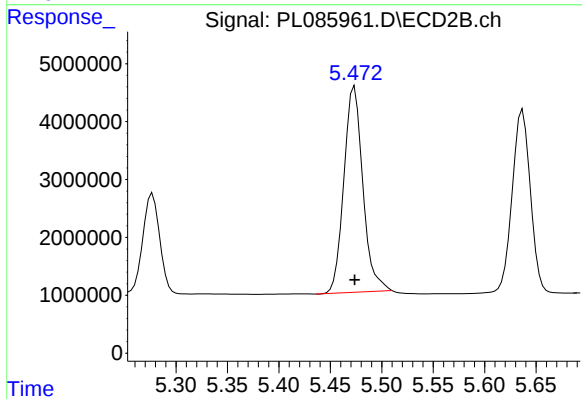
#13 Dieldrin

R.T.: 5.198 min
Delta R.T.: -0.002 min
Response: 47934978
Conc: 49.41 ng/ml m



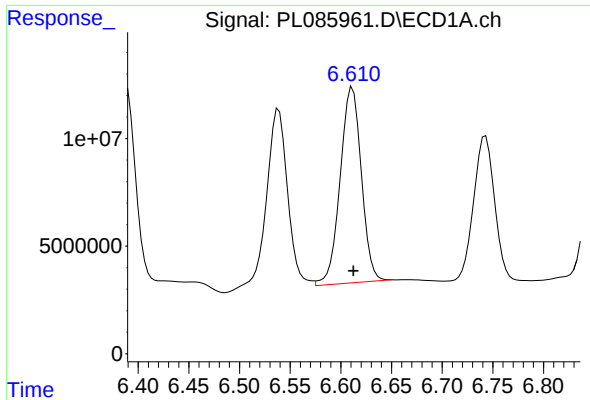
#14 Endrin

R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 124662994
Conc: 43.75 ng/ml m



#14 Endrin

R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 45775315
Conc: 50.92 ng/ml



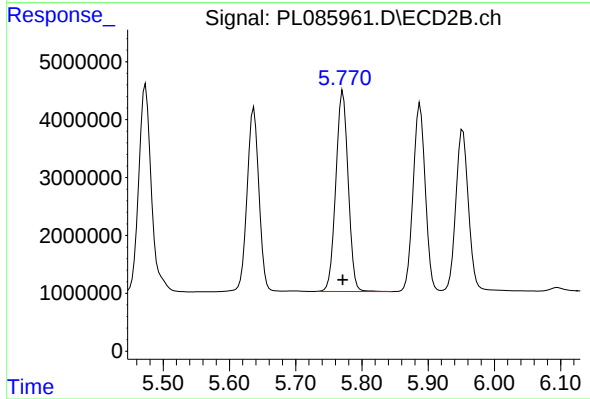
#15 Endosulfan II

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 132242590
Conc: 47.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

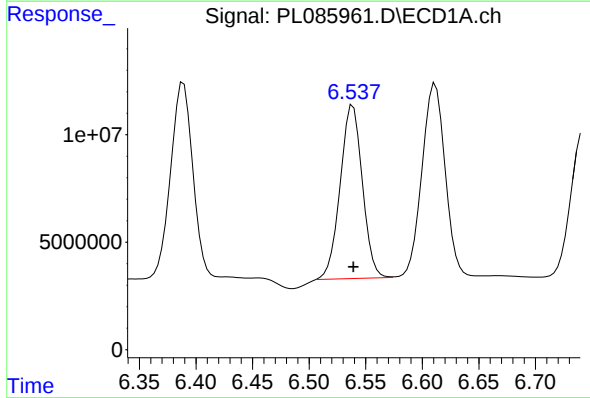
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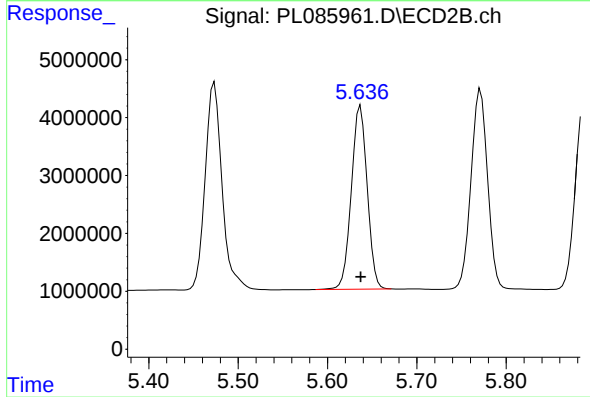
#15 Endosulfan II

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 44860591
Conc: 47.17 ng/ml



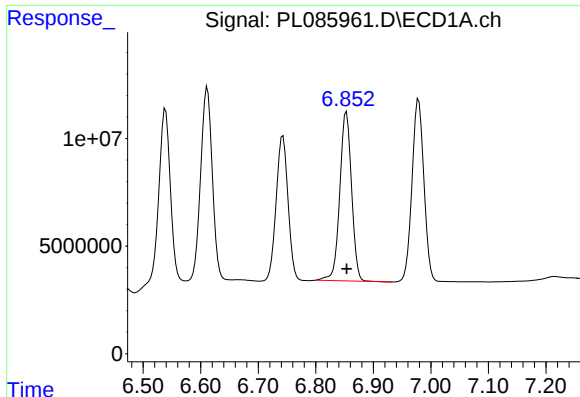
#16 4,4'-DDD

R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 110062118
Conc: 54.63 ng/ml m



#16 4,4'-DDD

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 39146590
Conc: 56.24 ng/ml



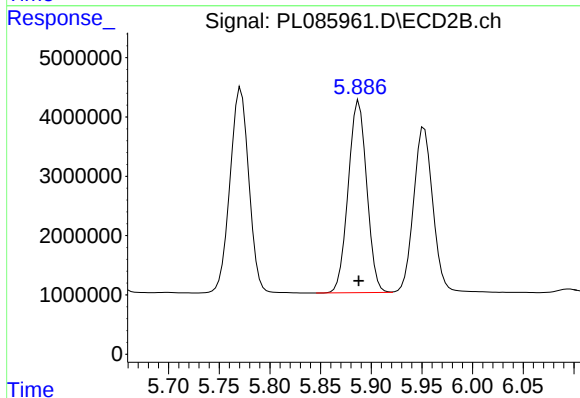
#17 4,4'-DDT

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 111817460
Conc: 47.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

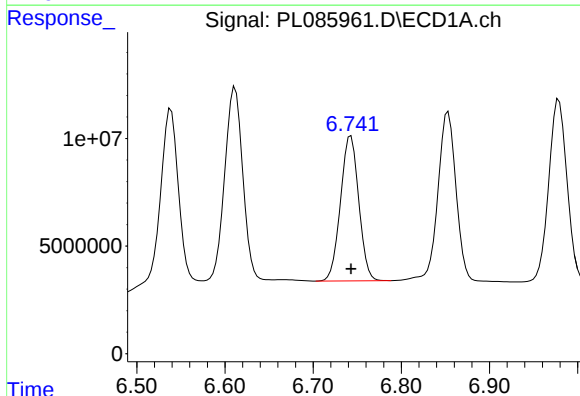
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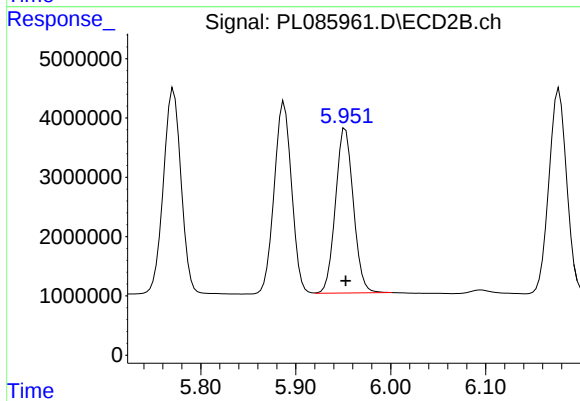
#17 4,4'-DDT

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 41160154
Conc: 52.05 ng/ml



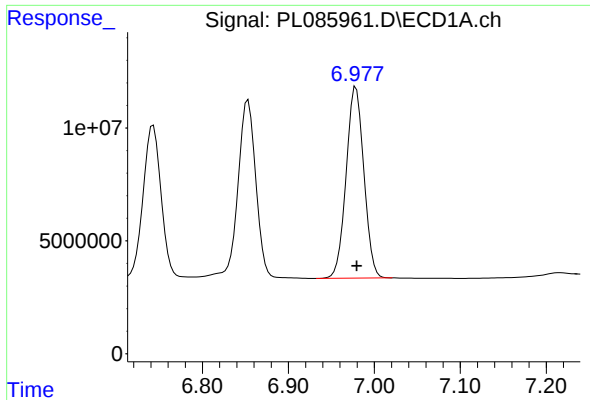
#18 Endrin aldehyde

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 96791298
Conc: 47.76 ng/ml



#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 36408431
Conc: 48.82 ng/ml



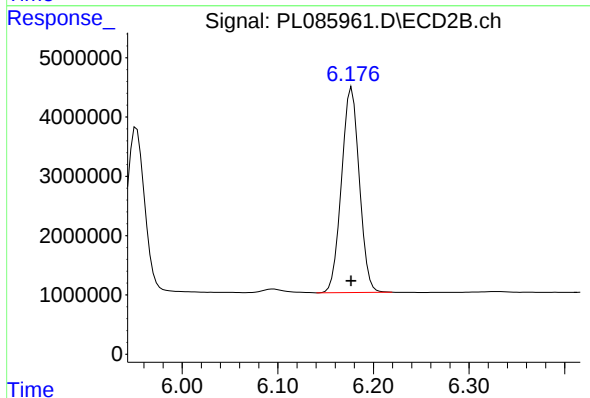
#19 Endosulfan Sulfate

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 121844269
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

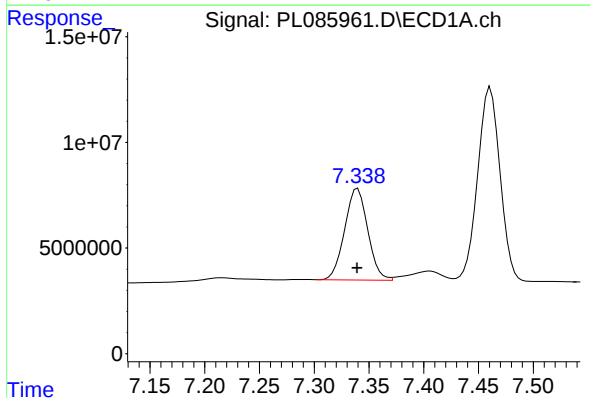
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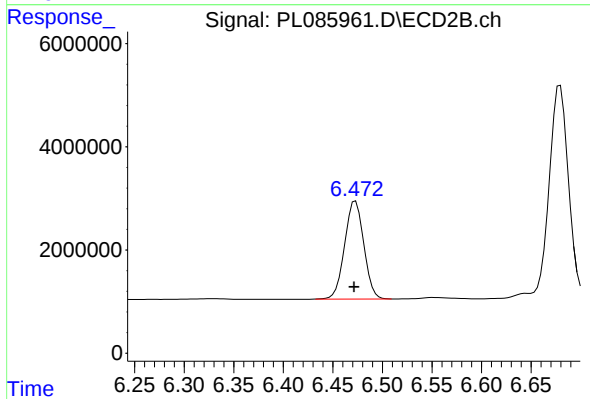
#19 Endosulfan Sulfate

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 44853945
Conc: 49.72 ng/ml



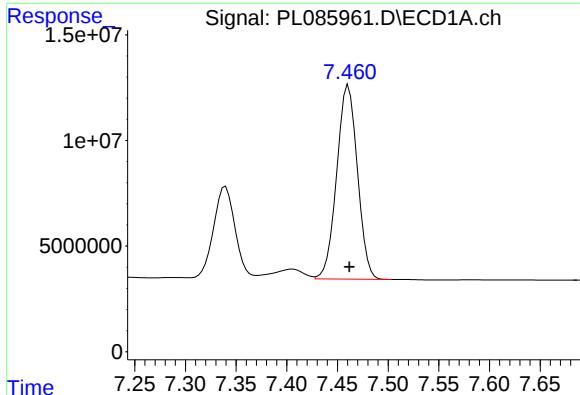
#20 Methoxychlor

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 63577891
Conc: 45.52 ng/ml



#20 Methoxychlor

R.T.: 6.473 min
Delta R.T.: 0.001 min
Response: 25576593
Conc: 48.62 ng/ml



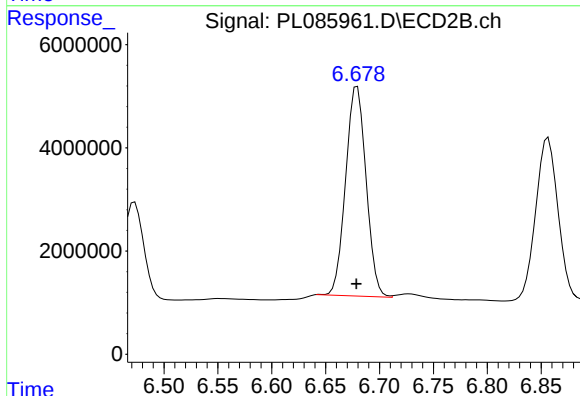
#21 Endrin ketone

R.T.: 7.461 min
Delta R.T.: -0.001 min
Response: 130637933
Conc: 45.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

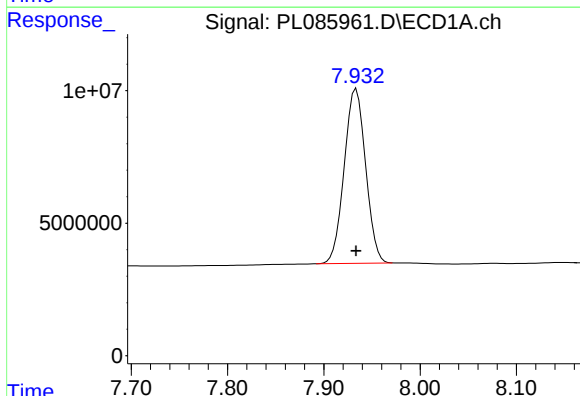
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/17/2023
Supervised By :Ankita Jodhani 10/17/2023



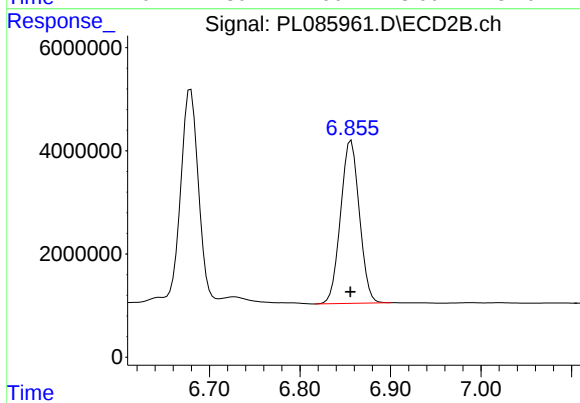
#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 53735446
Conc: 46.75 ng/ml



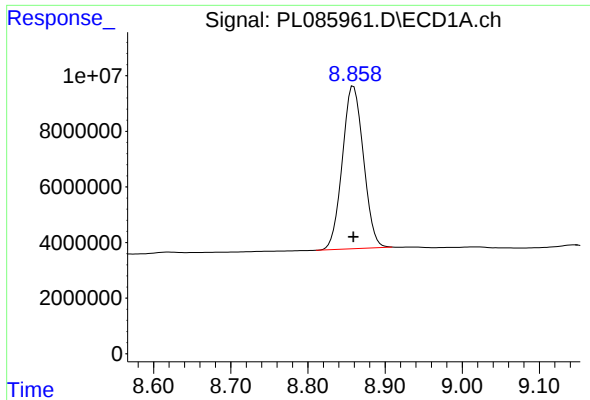
#22 Mirex

R.T.: 7.934 min
Delta R.T.: 0.000 min
Response: 101544891
Conc: 45.87 ng/ml



#22 Mirex

R.T.: 6.857 min
Delta R.T.: 0.000 min
Response: 45444430
Conc: 48.18 ng/ml



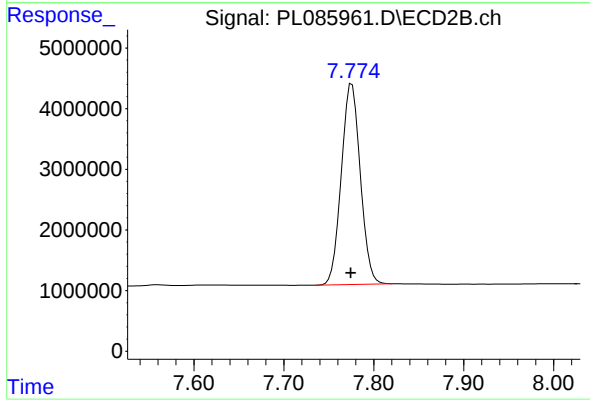
#28 Decachlorobiphenyl

R.T.: 8.859 min
Delta R.T.: 0.000 min
Response: 111061966
Conc: 50.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 10/17/2023



#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: 0.001 min
Response: 48626862
Conc: 52.68 ng/ml