

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013125\
 Data File : PL093941.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jan 2025 14:43
 Operator : AR\AJ
 Sample : PB166413BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166413BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/03/2025
 Supervised By : Ankita Jodhani 02/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 00:26:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.541	2.774	53863775	60606861	20.003	18.567
28)	SA Decachlor...	9.059	7.911	44293906	76038120	21.174	21.700
Target Compounds							
2)	A alpha-BHC	3.997	3.276	171.2E6	213.9E6	44.668	43.753
3)	MA gamma-BHC...	4.330	3.607	163.2E6	203.3E6	44.307	42.882
4)	MA Heptachlor	4.917	3.945	157.6E6	213.8E6	48.094	45.939
5)	MB Aldrin	5.259	4.225	146.8E6	199.2E6	44.877	43.660
6)	B beta-BHC	4.528	3.907	72120927	90605027	44.870	45.361
7)	B delta-BHC	4.775	4.135	159.2E6	207.2E6	45.405	43.618
8)	B Heptachlo...	5.686	4.727	132.1E6	192.4E6	44.421	46.029
9)	A Endosulfan I	6.072	5.098	121.9E6	175.3E6	46.106	45.217
10)	B gamma-Chl...	5.940	4.976	129.1E6	199.9E6	46.303m	47.166m
11)	B alpha-Chl...	6.021	5.041	130.6E6	196.9E6	46.837	47.038
12)	B 4,4'-DDE	6.194	5.230	120.3E6	196.8E6	49.415	49.095
13)	MA Dieldrin	6.346	5.362	128.0E6	200.1E6	46.118	46.582
14)	MA Endrin	6.575	5.637	110.2E6	186.1E6	47.003m	50.392
15)	B Endosulfa...	6.796	5.932	111.7E6	179.8E6	46.371	48.551
16)	A 4,4'-DDD	6.712	5.785	96870322	161.6E6	50.969	51.185
17)	MA 4,4'-DDT	7.025	6.035	103.5E6	170.6E6	52.489	52.414
18)	B Endrin al...	6.926	6.111	87351319	139.8E6	44.933	45.924
19)	B Endosulfa...	7.161	6.334	102.7E6	173.3E6	45.361	48.596
20)	A Methoxychlor	7.502	6.610	51975133	92217194	49.813	51.572
21)	B Endrin ke...	7.646	6.839	115.1E6	197.6E6	45.617	47.107
22)	Mirex	8.119	7.020	87775989	147.9E6	42.150	43.722

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013125\
Data File : PL093941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jan 2025 14:43
Operator : AR\AJ
Sample : PB166413BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB166413BS

Manual Integrations

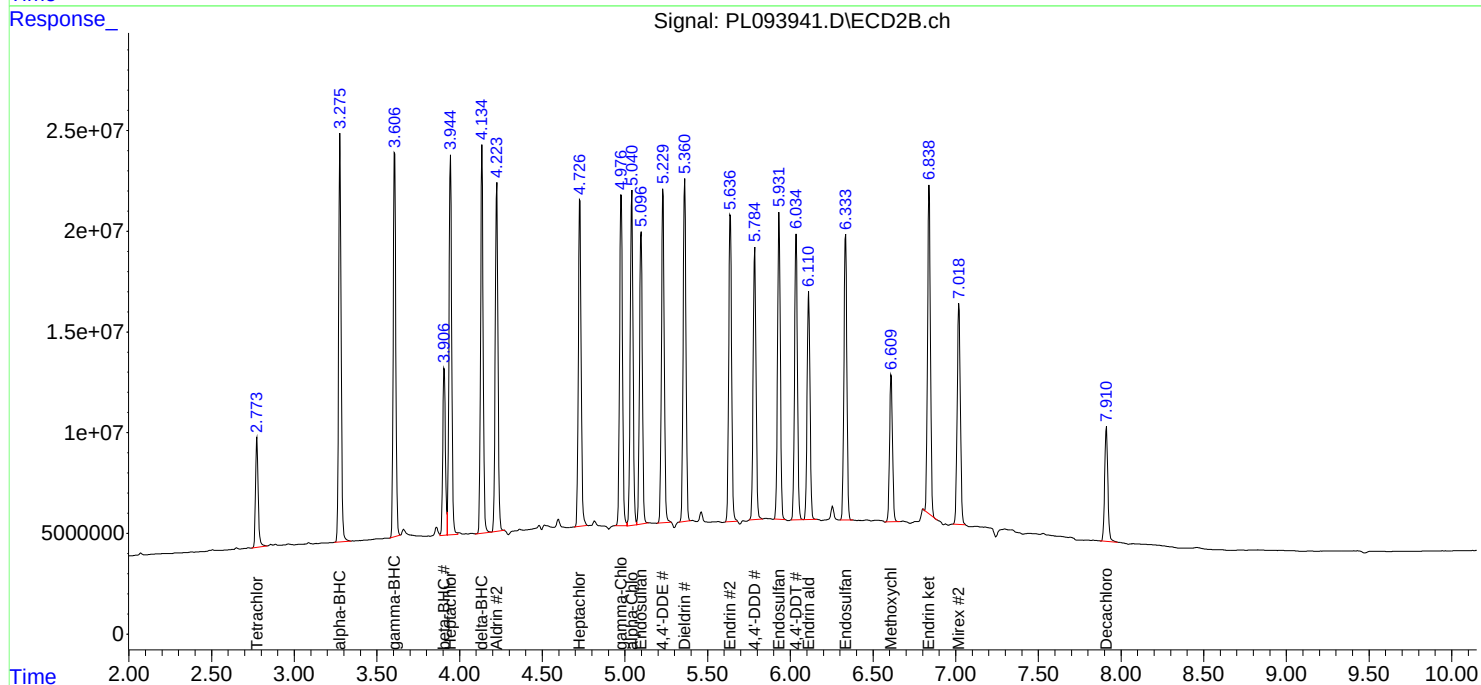
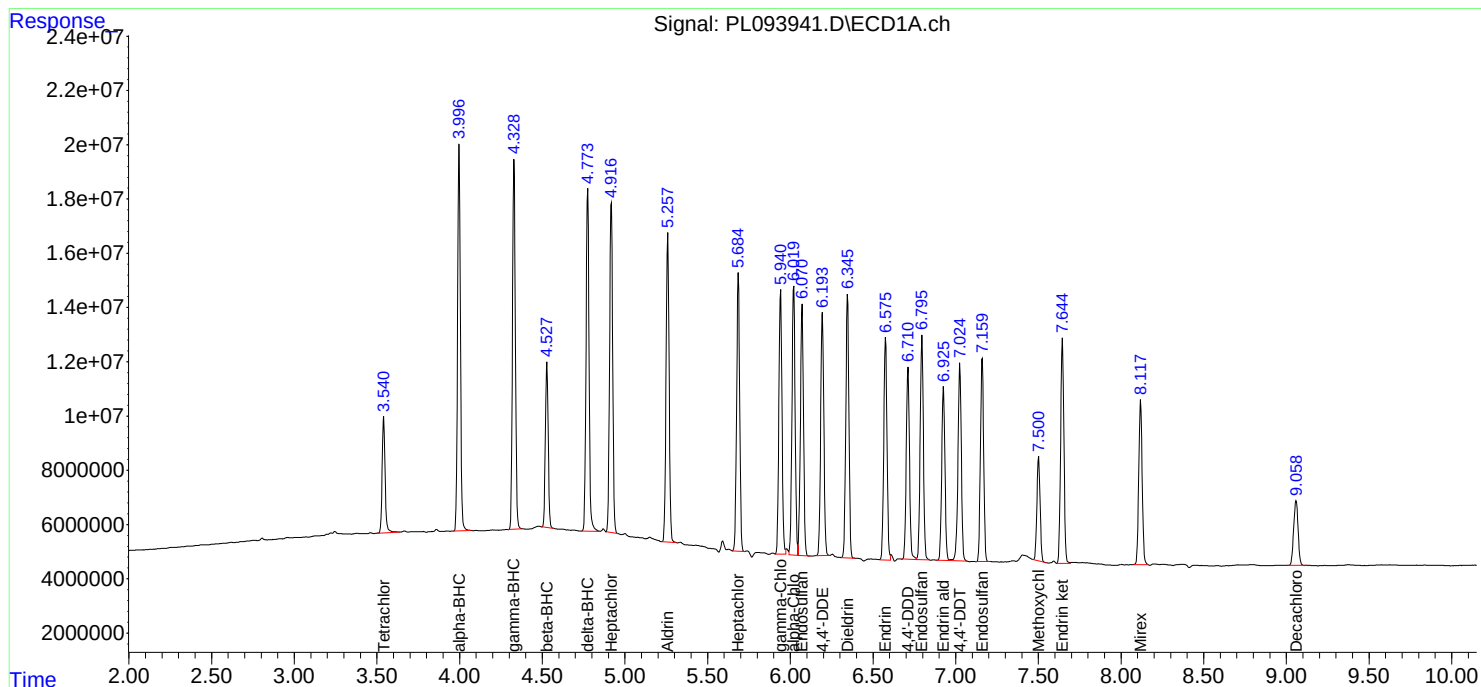
APPROVED

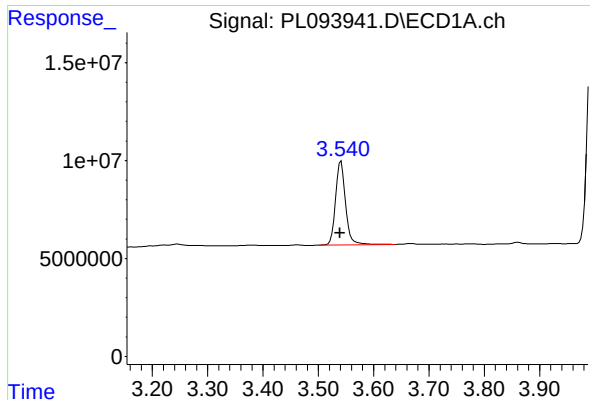
Reviewed By :Abdul Mirza 02/03/2025

Supervised By :Ankita Jodhani 02/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 00:26:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





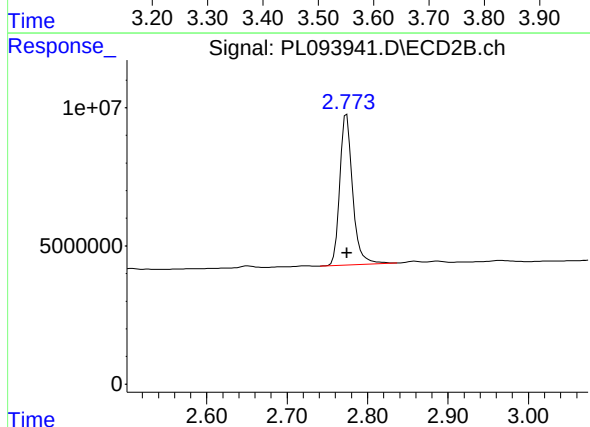
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.002 min
Response: 53863775
Conc: 20.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166413BS

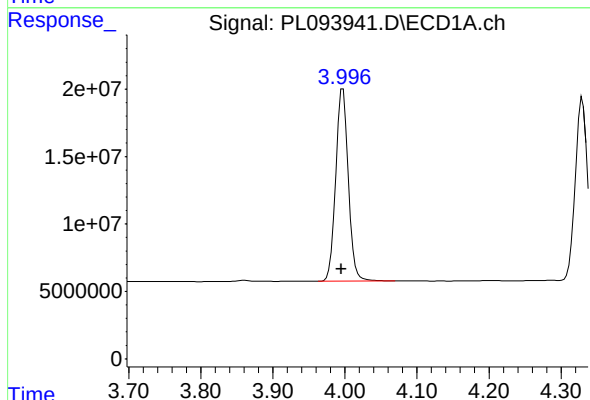
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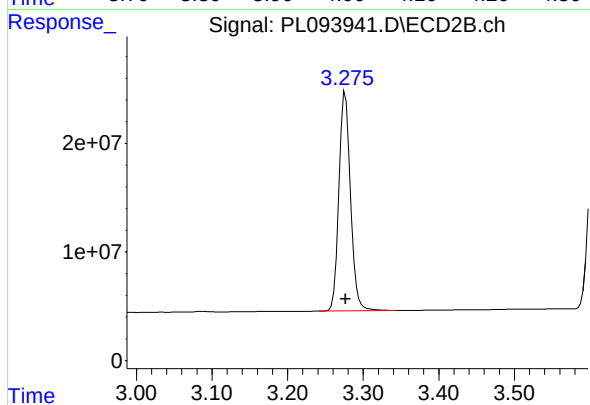
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 60606861
Conc: 18.57 ng/ml



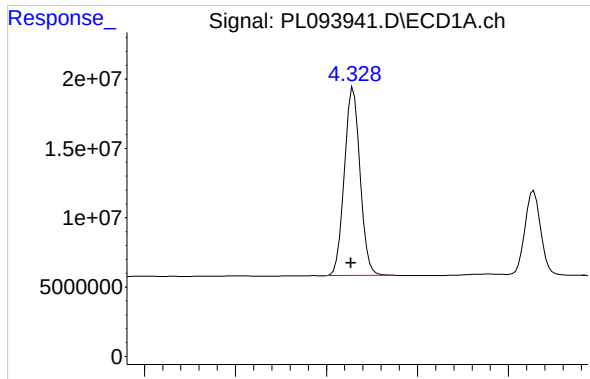
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.003 min
Response: 171248506
Conc: 44.67 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 213909521
Conc: 43.75 ng/ml



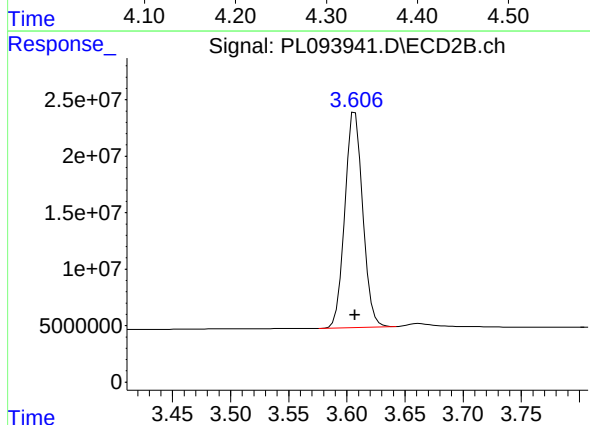
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.003 min
Response: 163177663
Conc: 44.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166413BS

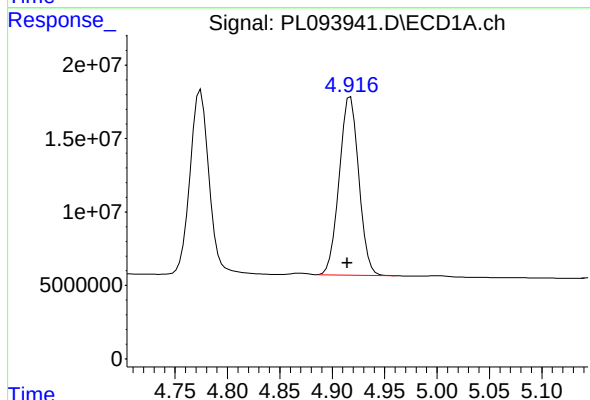
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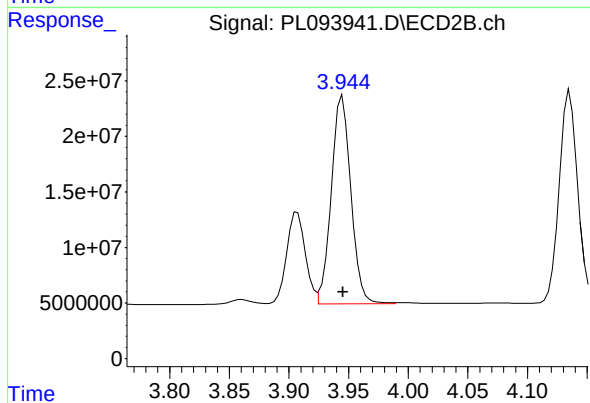
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 203313828
Conc: 42.88 ng/ml



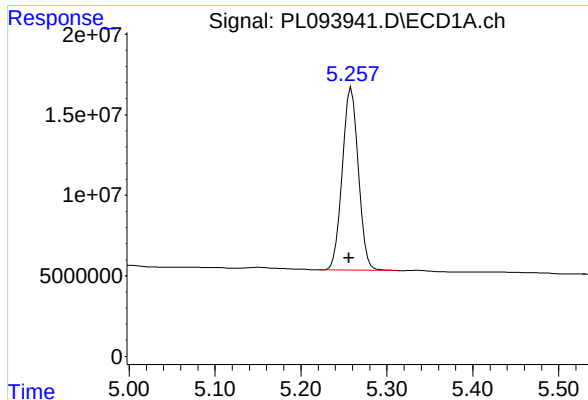
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.003 min
Response: 157620122
Conc: 48.09 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 213838193
Conc: 45.94 ng/ml



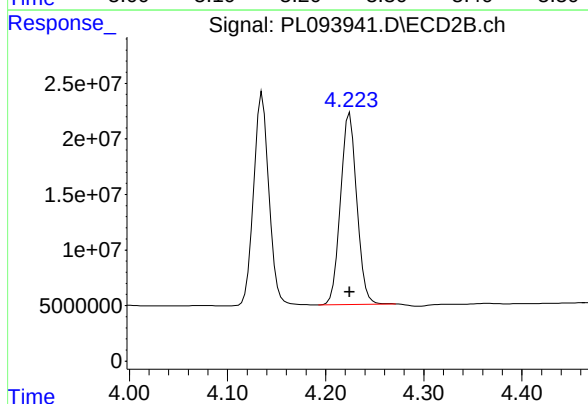
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.003 min
Response: 146835897
Conc: 44.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166413BS

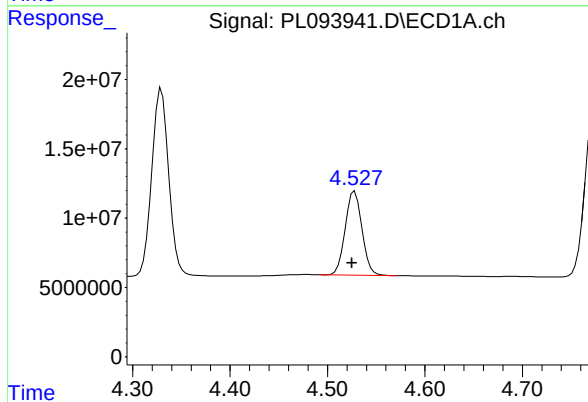
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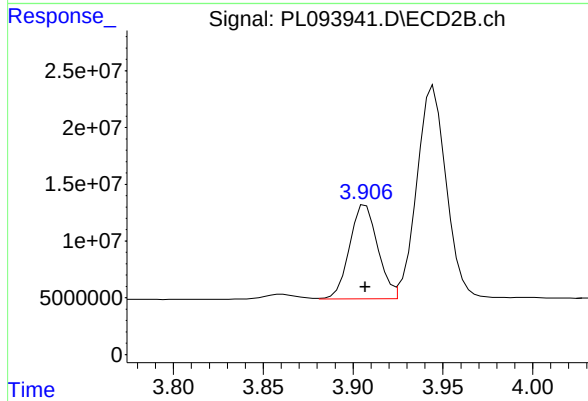
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 199167275
Conc: 43.66 ng/ml



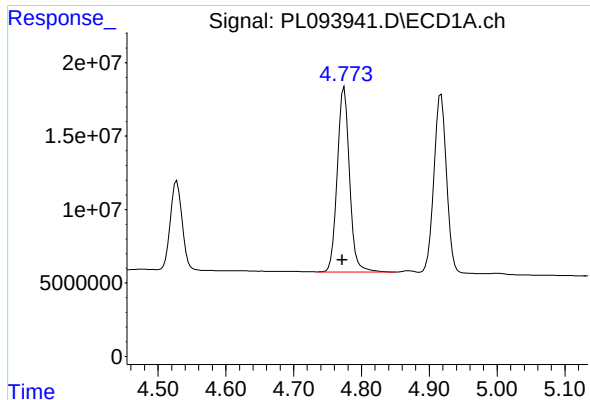
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 72120927
Conc: 44.87 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 90605027
Conc: 45.36 ng/ml



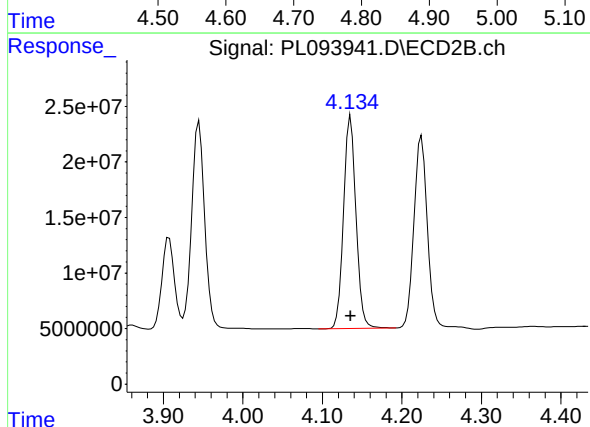
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: 0.003 min
Response: 159158634
Conc: 45.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166413BS

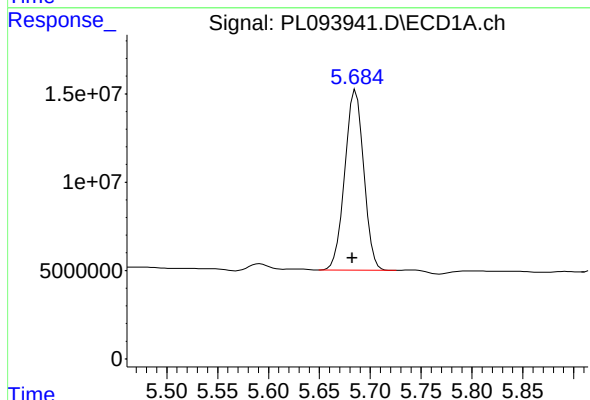
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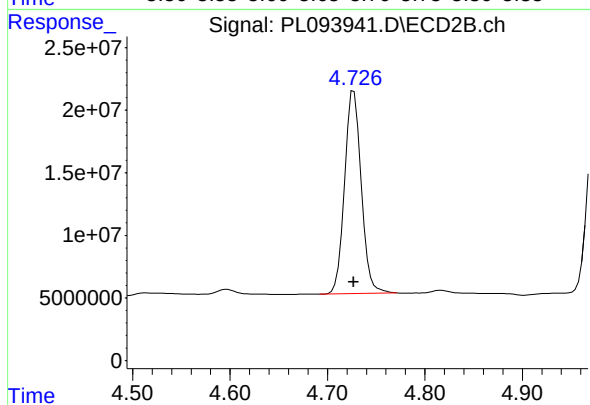
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 207239446
Conc: 43.62 ng/ml



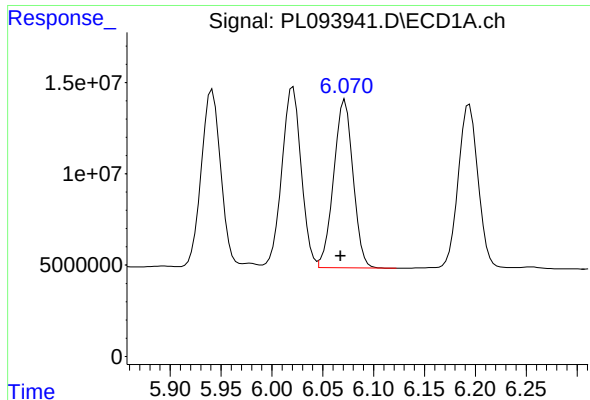
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.003 min
Response: 132098839
Conc: 44.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 192412348
Conc: 46.03 ng/ml



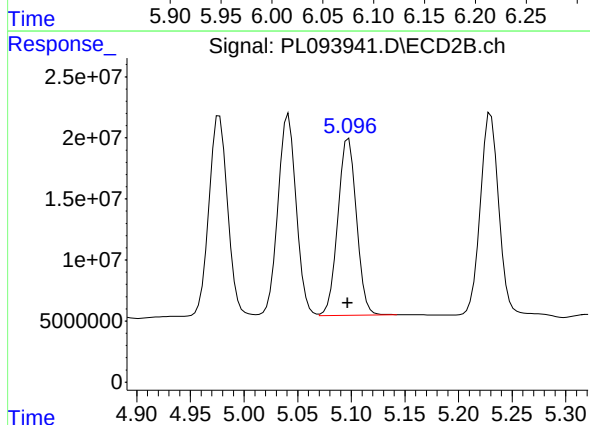
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.004 min
Response: 121851374
Conc: 46.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166413BS

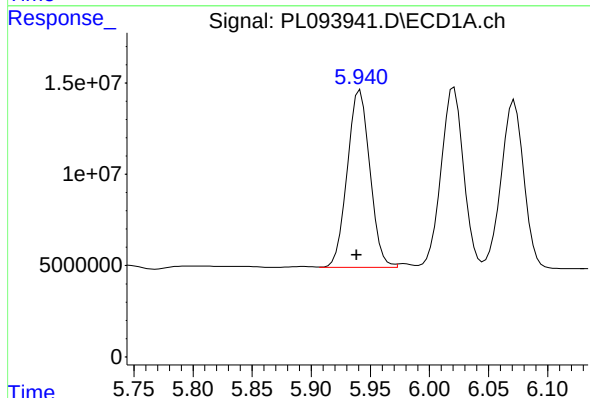
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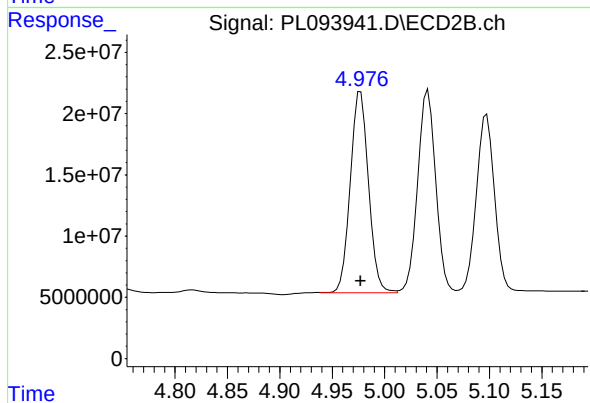
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: 0.001 min
Response: 175304199
Conc: 45.22 ng/ml



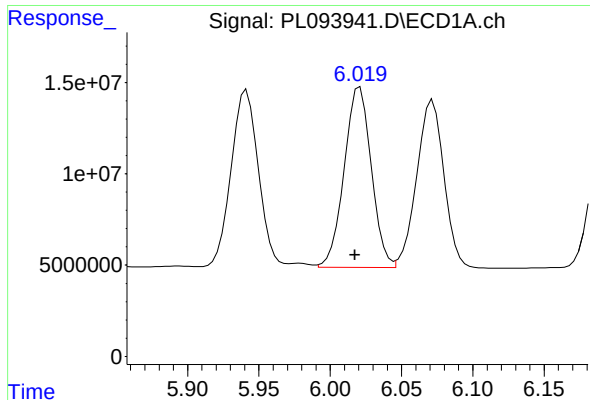
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.002 min
Response: 129062469
Conc: 46.30 ng/ml m



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: -0.001 min
Response: 199870170
Conc: 47.17 ng/ml m



#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.004 min
Response: 130599407
Conc: 46.84 ng/ml

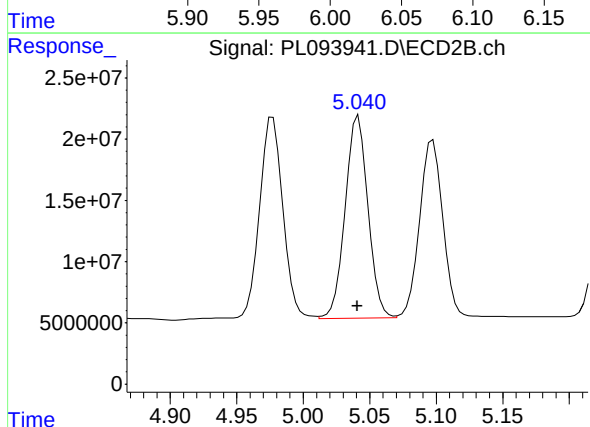
Instrument :

ECD_L

ClientSampleId :
PB166413BS

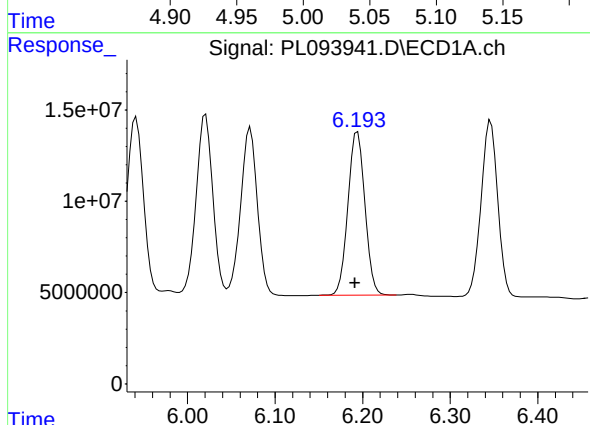
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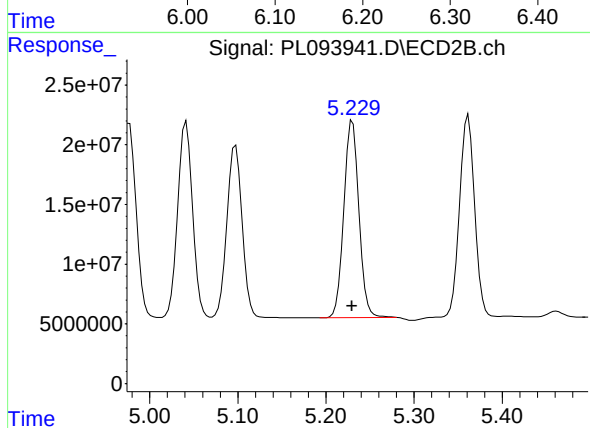
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 196927472
Conc: 47.04 ng/ml



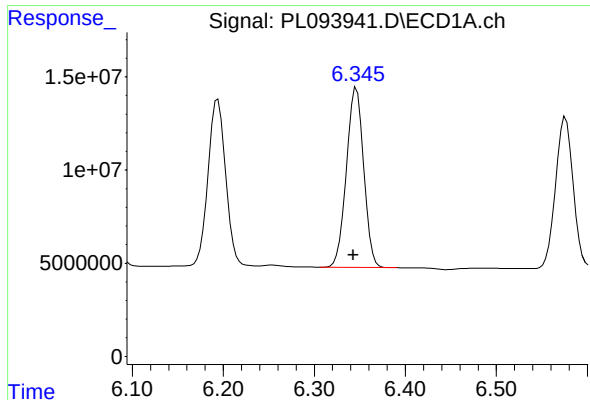
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.003 min
Response: 120305149
Conc: 49.41 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 196843014
Conc: 49.09 ng/ml



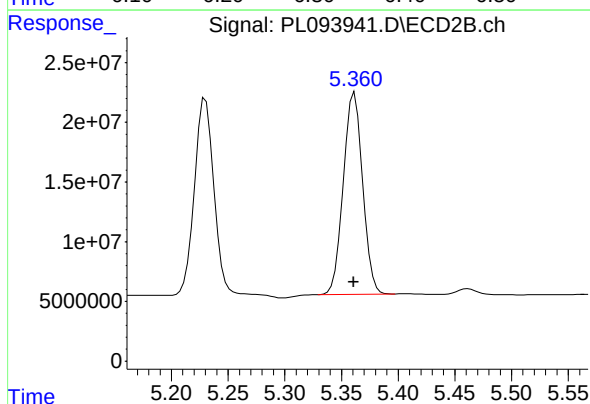
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.003 min
Response: 128016367
Conc: 46.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166413BS

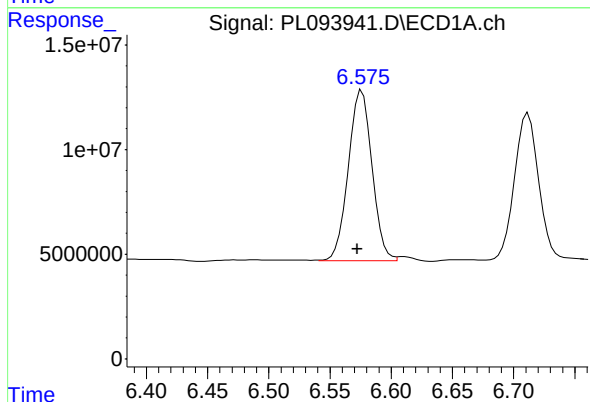
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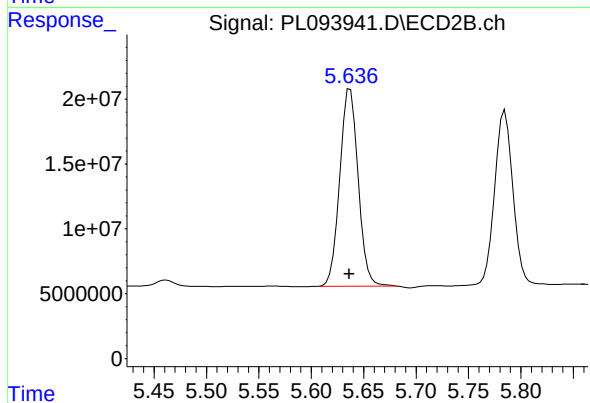
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 200100466
Conc: 46.58 ng/ml



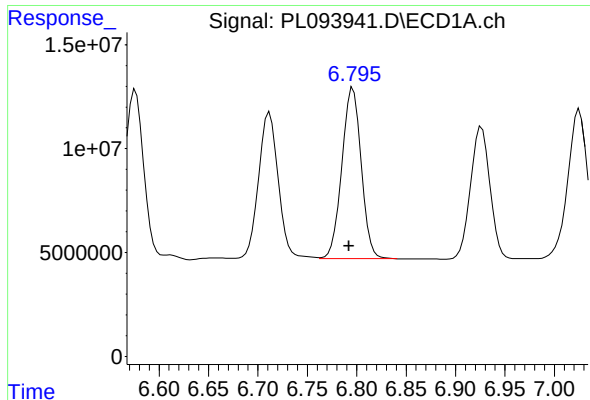
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.002 min
Response: 110213851
Conc: 47.00 ng/ml m



#14 Endrin

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 186080914
Conc: 50.39 ng/ml



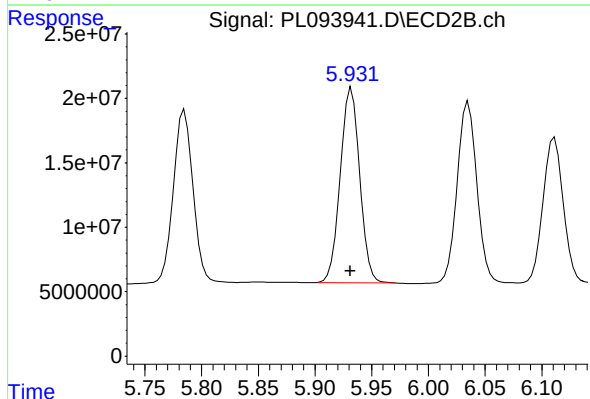
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.004 min
Response: 111724724
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166413BS

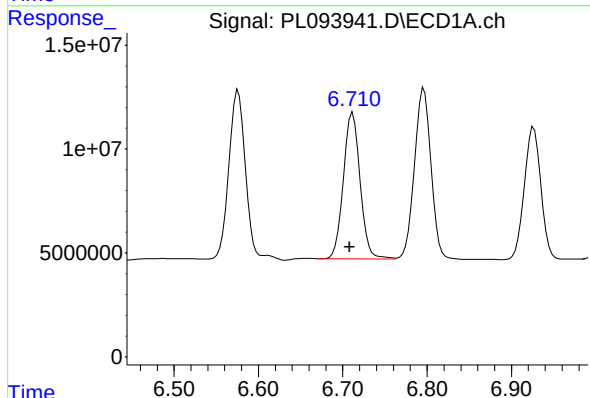
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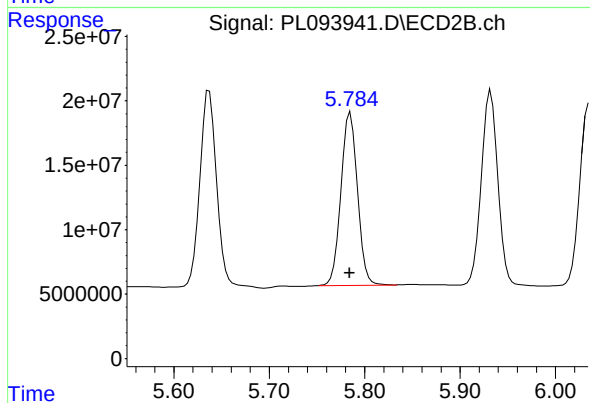
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 179824512
Conc: 48.55 ng/ml



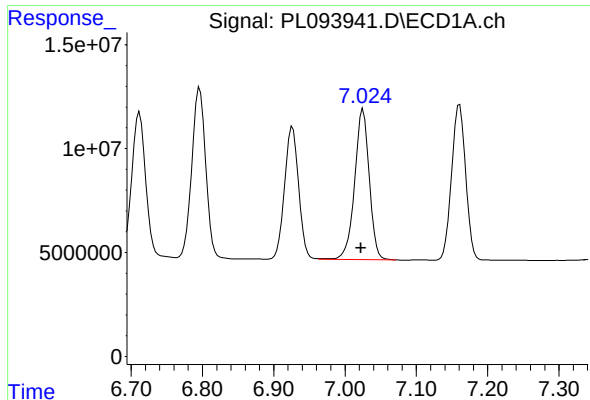
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.004 min
Response: 96870322
Conc: 50.97 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 161568406
Conc: 51.19 ng/ml



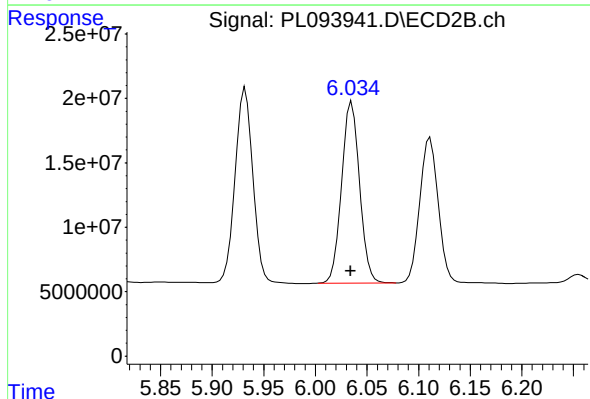
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.003 min
Response: 103511557
Conc: 52.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166413BS

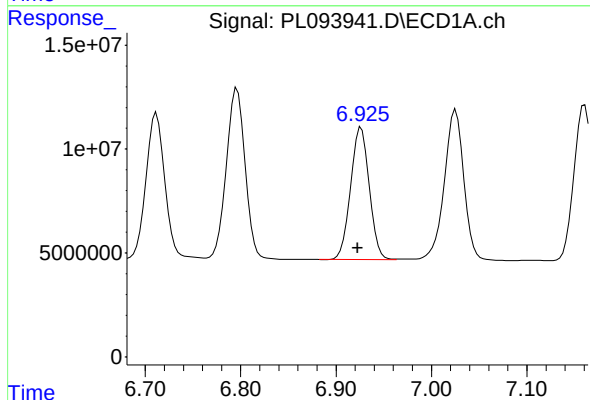
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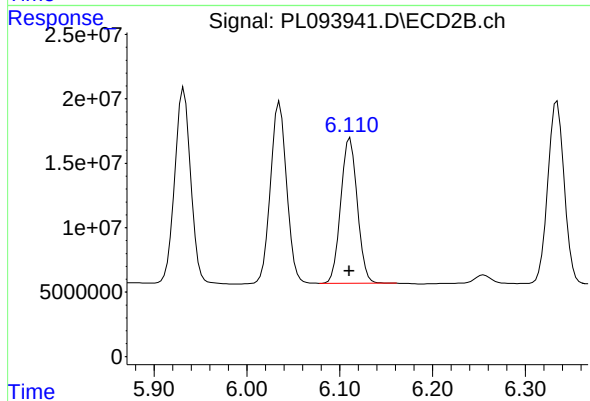
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.001 min
Response: 170558141
Conc: 52.41 ng/ml



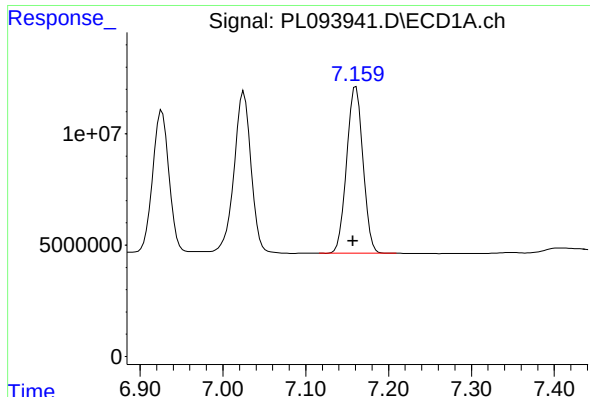
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.004 min
Response: 87351319
Conc: 44.93 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.001 min
Response: 139823266
Conc: 45.92 ng/ml



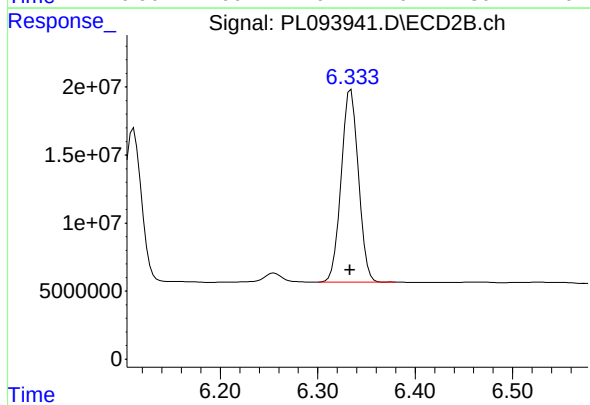
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.003 min
Response: 102686507
Conc: 45.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166413BS

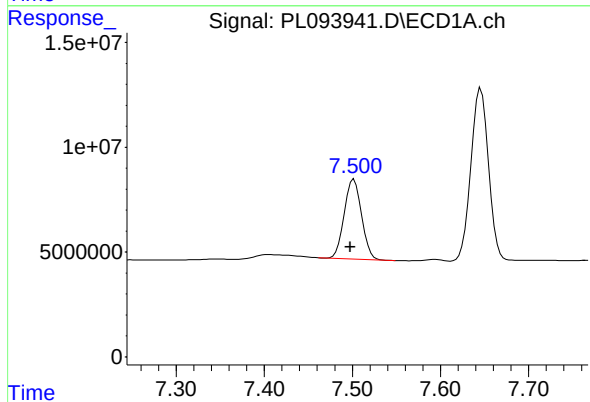
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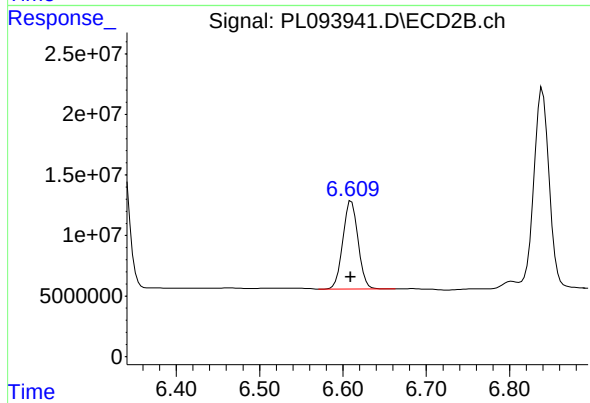
#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 173296175
Conc: 48.60 ng/ml



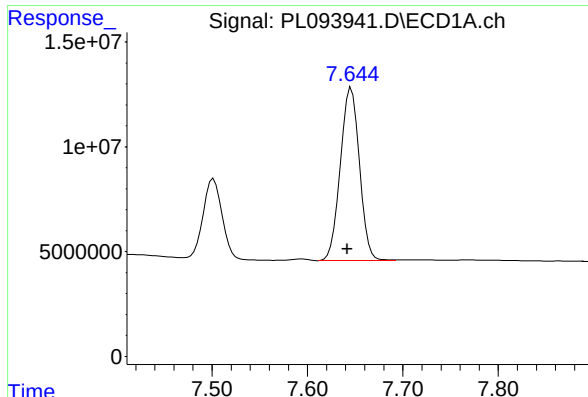
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.004 min
Response: 51975133
Conc: 49.81 ng/ml



#20 Methoxychlor

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 92217194
Conc: 51.57 ng/ml



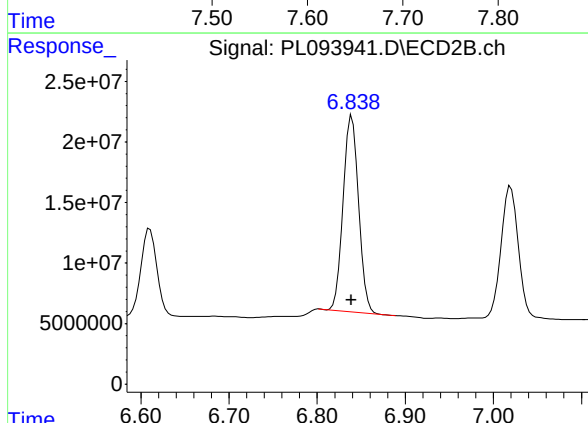
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.004 min
Response: 115075104
Conc: 45.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166413BS

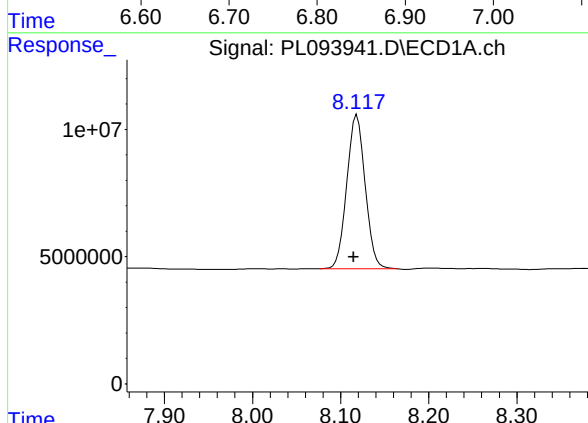
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Reviewed By :Abdul Mirza 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025



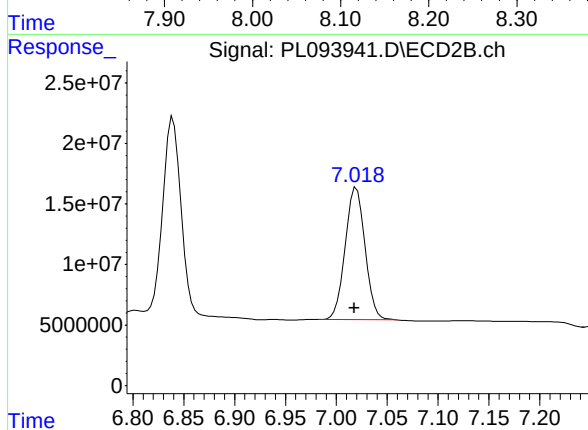
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 197623235
Conc: 47.11 ng/ml



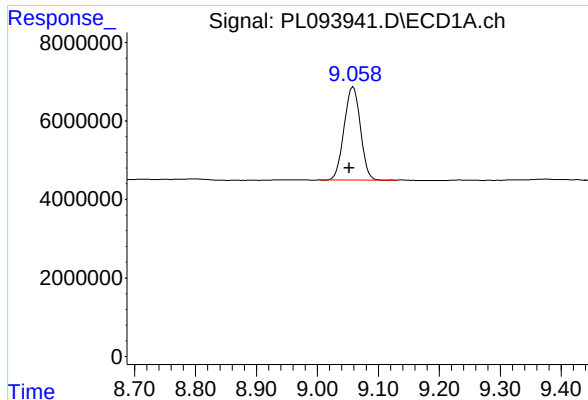
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.004 min
Response: 87775989
Conc: 42.15 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 147863707
Conc: 43.72 ng/ml



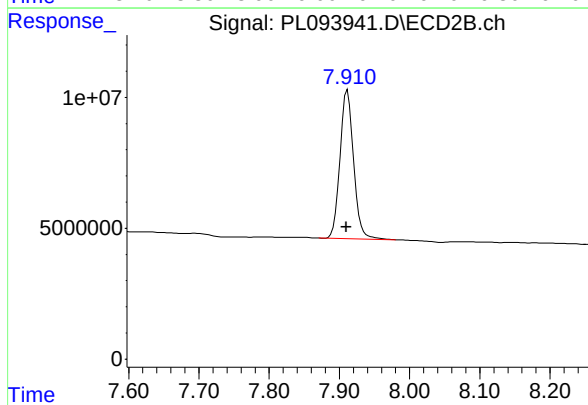
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.006 min
Response: 44293906
Conc: 21.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166413BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.002 min
Response: 76038120
Conc: 21.70 ng/ml