

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020325\
 Data File : PL093985.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2025 13:26
 Operator : AR\AJ
 Sample : PB166427BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166427BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/04/2025
 Supervised By :Ankita Jodhani 02/04/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 04 00:40:51 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...	3.544	2.775	63935355	75002703	23.743	22.978
28)	SA Decachlor...	9.060	7.911	48859136	73409520	23.356m	20.950
Target Compounds							
2)	A alpha-BHC	4.000	3.277	174.9E6	220.6E6	45.623	45.126
3)	MA gamma-BHC...	4.333	3.607	166.3E6	207.5E6	45.165	43.772
4)	MA Heptachlor	4.921	3.946	158.3E6	216.0E6	48.292	46.413
5)	MB Aldrin	5.263	4.225	148.1E6	200.8E6	45.268	44.018
6)	B beta-BHC	4.532	3.908	73045526	93148511	45.445	46.634
7)	B delta-BHC	4.778	4.136	157.5E6	215.7E6	44.925	45.399
8)	B Heptachlo...	5.689	4.728	122.7E6	192.4E6	41.264	46.016
9)	A Endosulfan I	6.074	5.098	119.5E6	184.7E6	45.218	47.640
10)	B gamma-Chl...	5.945	4.978	128.1E6	204.4E6	45.944	48.233
11)	B alpha-Chl...	6.024	5.041	132.0E6	199.2E6	47.345	47.586
12)	B 4,4'-DDE	6.197	5.231	121.0E6	200.6E6	49.713	50.021
13)	MA Dieldrin	6.349	5.362	126.6E6	208.1E6	45.613	48.433
14)	MA Endrin	6.578	5.638	100.7E6	176.3E6	42.929	47.734
15)	B Endosulfa...	6.800	5.932	109.4E6	176.2E6	45.408	47.565
16)	A 4,4'-DDD	6.714	5.786	94963563	160.5E6	49.966m	50.832
17)	MA 4,4'-DDT	7.029	6.036	100.5E6	166.5E6	50.965	51.174
18)	B Endrin al...	6.930	6.112	86050789	136.1E6	44.264	44.706
19)	B Endosulfa...	7.164	6.335	101.0E6	169.8E6	44.613	47.622
20)	A Methoxychlor	7.505	6.611	51382244	89422330	49.245	50.009
21)	B Endrin ke...	7.649	6.840	110.7E6	191.7E6	43.901	45.696
22)	Mirex	8.122	7.020	83692375	136.7E6	40.189	40.412

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020325\
Data File : PL093985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Feb 2025 13:26
Operator : AR\AJ
Sample : PB166427BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

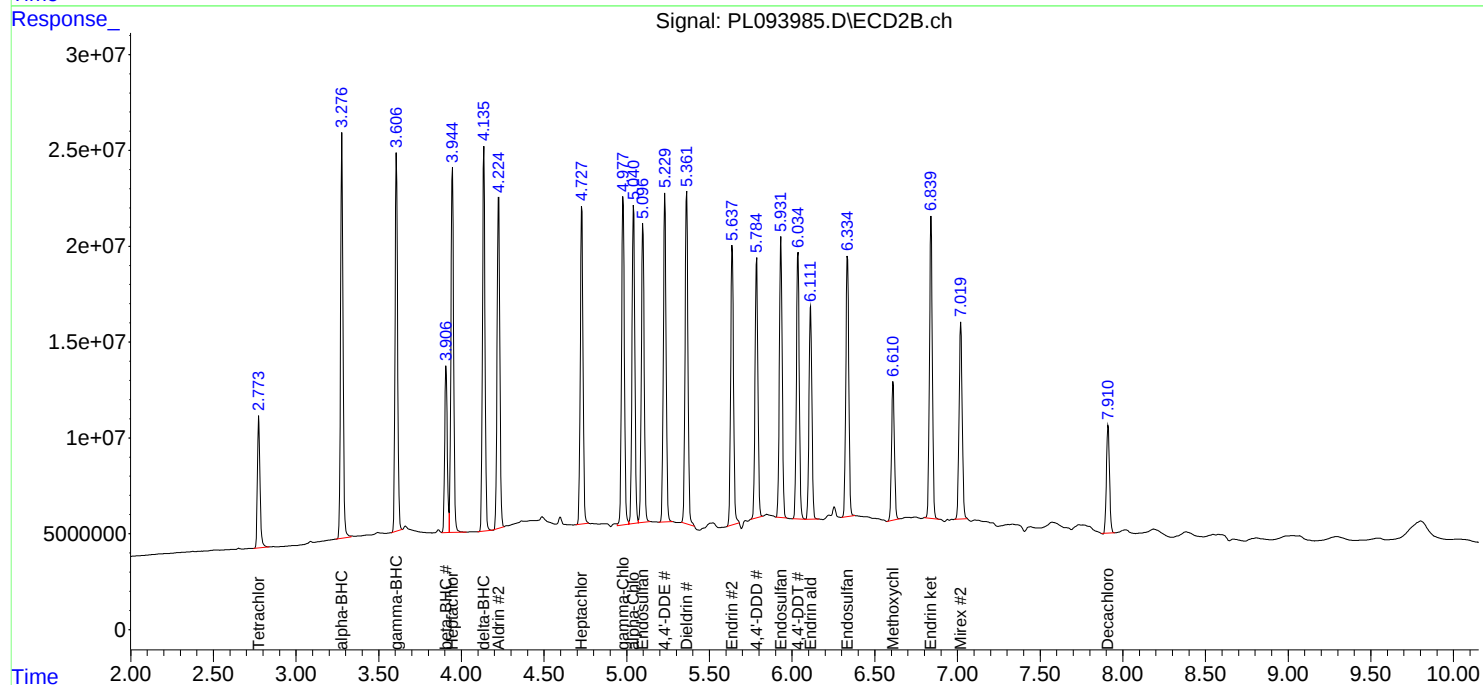
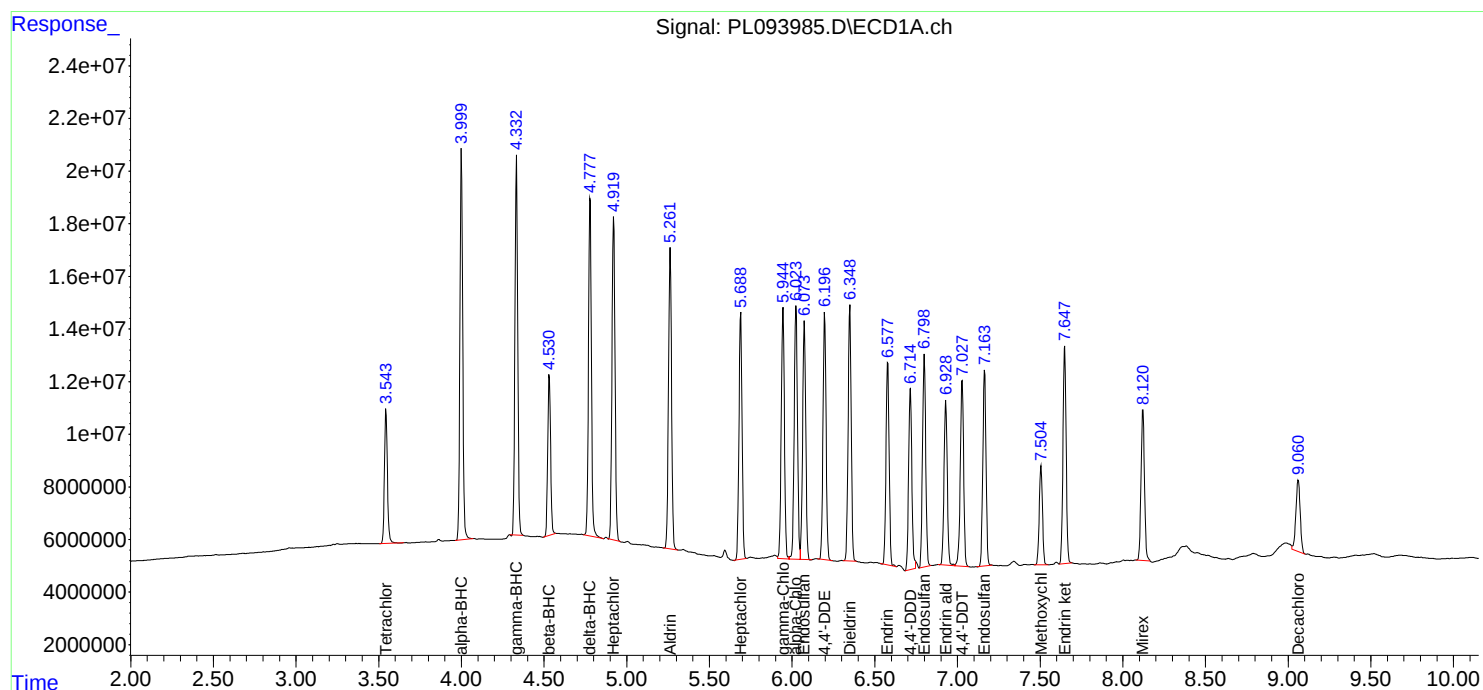
Instrument :
ECD_L
ClientSampleId :
PB166427BS

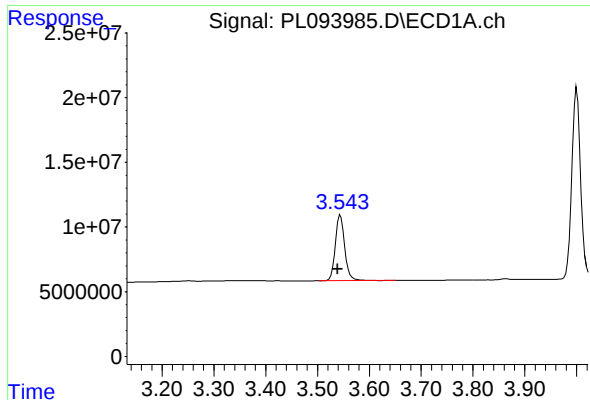
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 04 00:40:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
Response 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





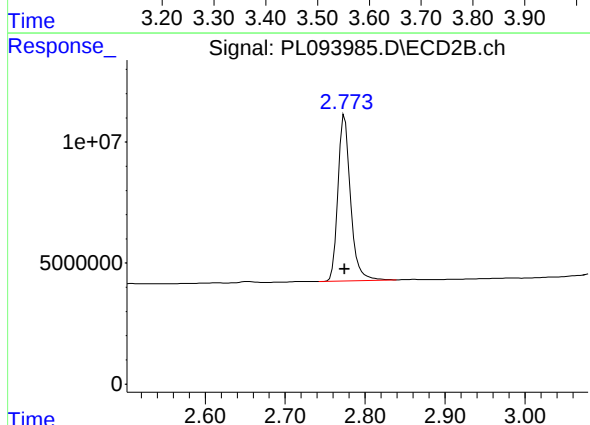
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.005 min
Response: 63935355
Conc: 23.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166427BS

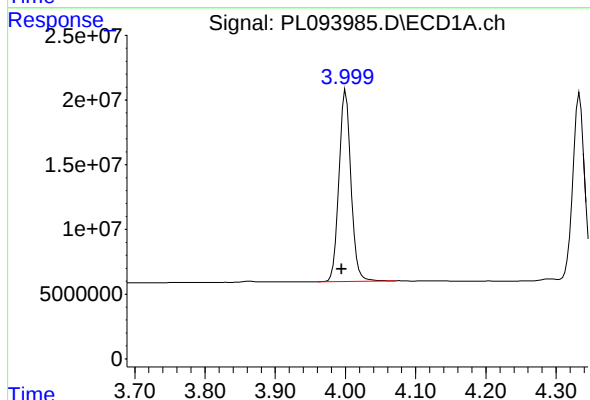
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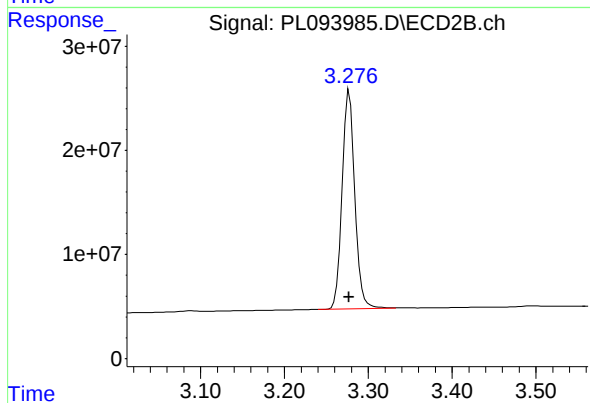
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.000 min
Response: 75002703
Conc: 22.98 ng/ml



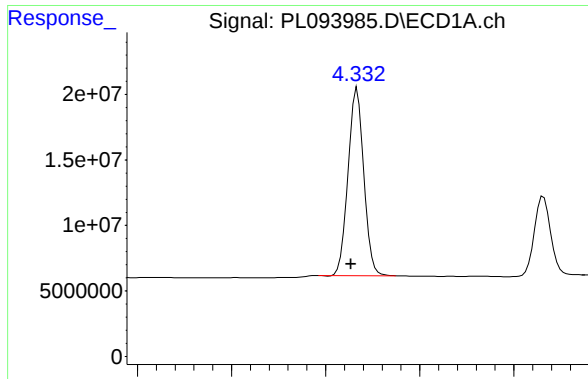
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.006 min
Response: 174912642
Conc: 45.62 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: 0.000 min
Response: 220620822
Conc: 45.13 ng/ml



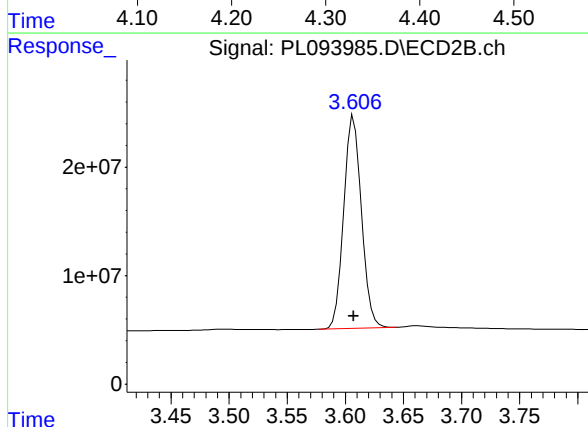
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.006 min
Response: 166337313
Conc: 45.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166427BS

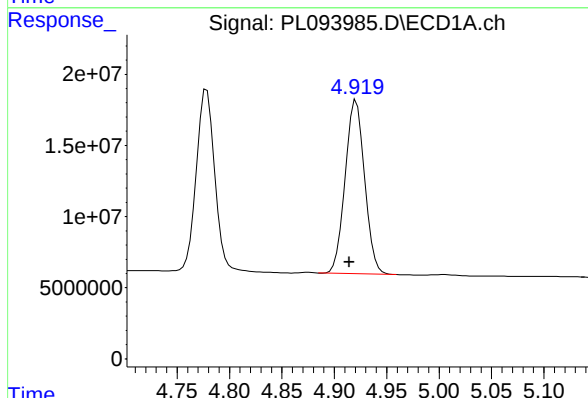
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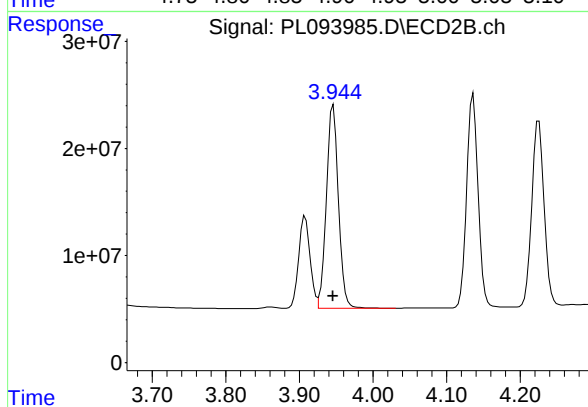
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: 0.000 min
Response: 207532176
Conc: 43.77 ng/ml



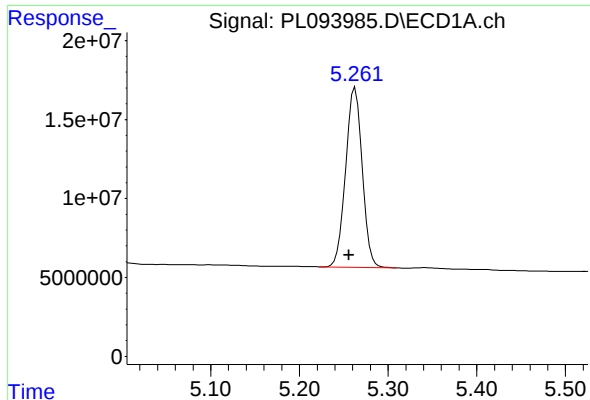
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.006 min
Response: 158269124
Conc: 48.29 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: 0.000 min
Response: 216044140
Conc: 46.41 ng/ml



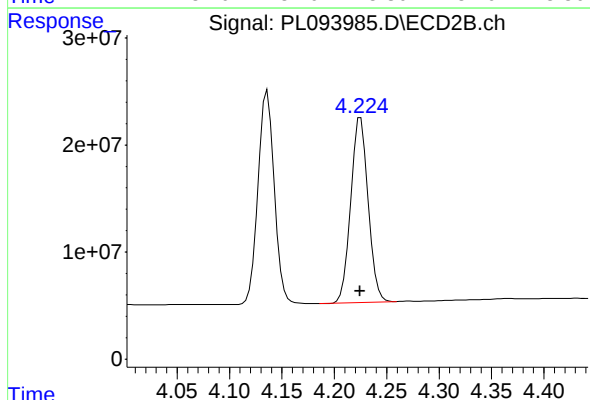
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.007 min
Response: 148115271
Conc: 45.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166427BS

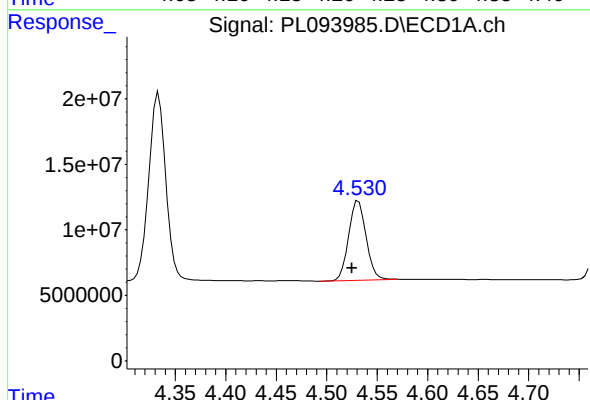
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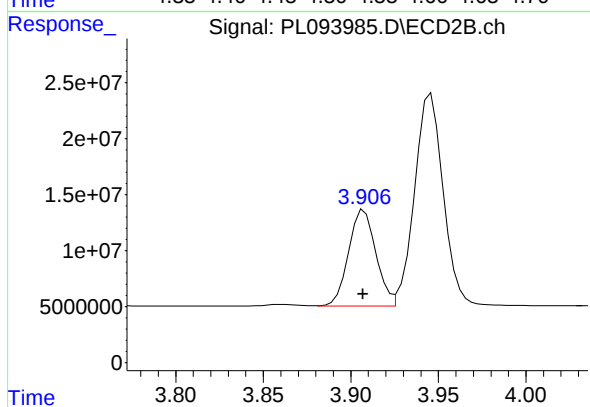
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: 0.000 min
Response: 200802516
Conc: 44.02 ng/ml



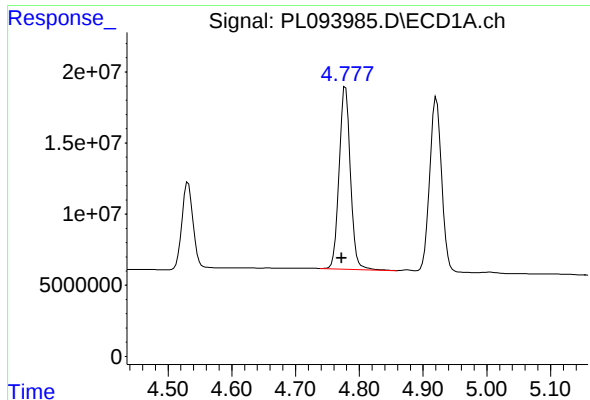
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.006 min
Response: 73045526
Conc: 45.45 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 93148511
Conc: 46.63 ng/ml



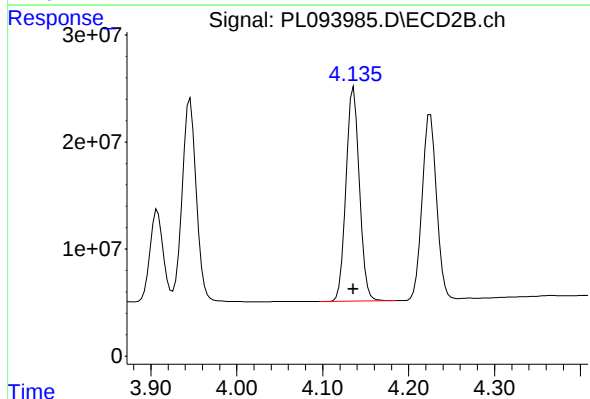
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.007 min
Response: 157476118
Conc: 44.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166427BS

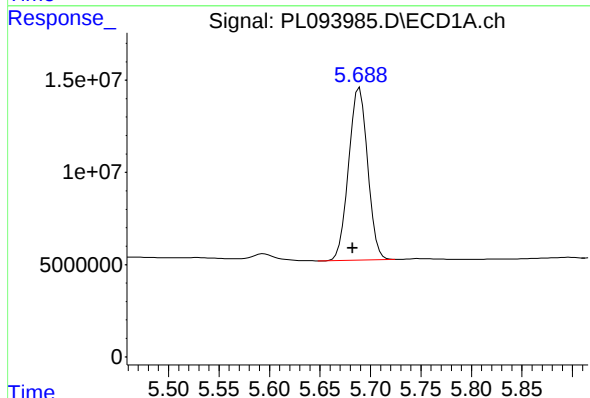
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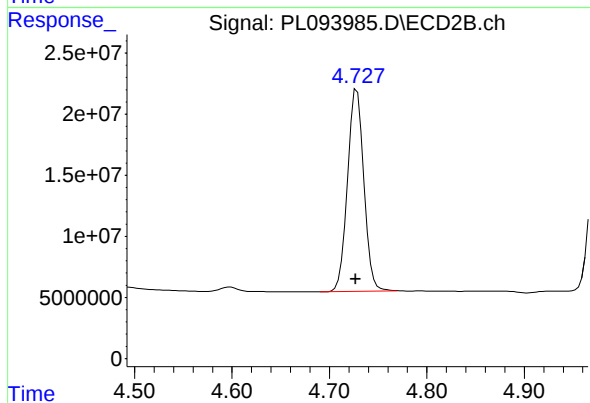
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 215701880
Conc: 45.40 ng/ml



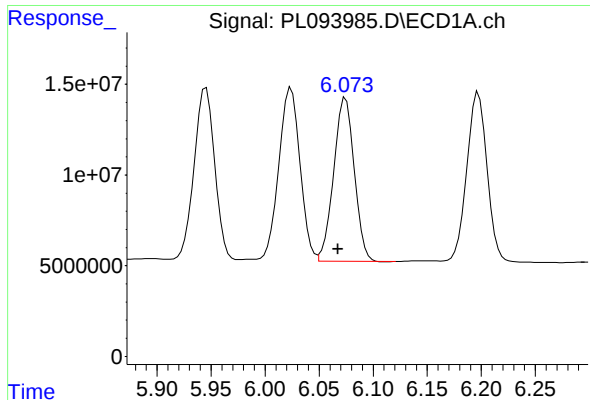
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.007 min
Response: 122712186
Conc: 41.26 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: 0.001 min
Response: 192357786
Conc: 46.02 ng/ml



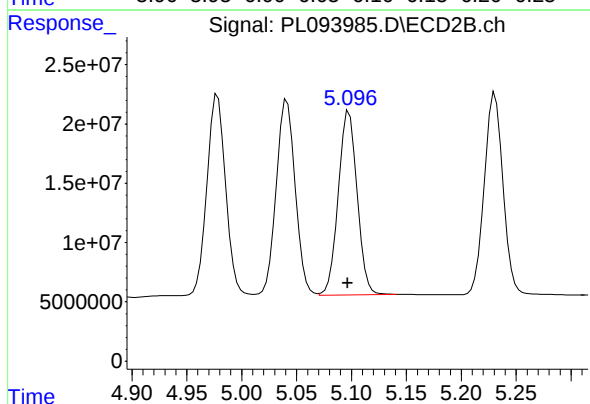
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.007 min
Response: 119505949
Conc: 45.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166427BS

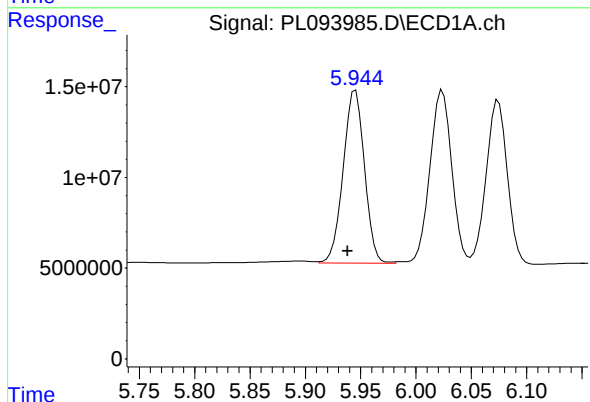
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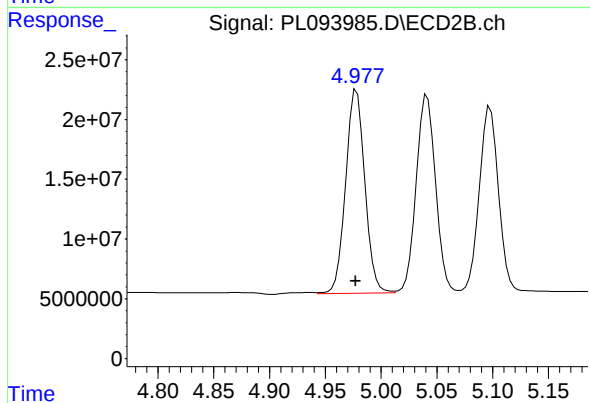
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: 0.001 min
Response: 184695735
Conc: 47.64 ng/ml



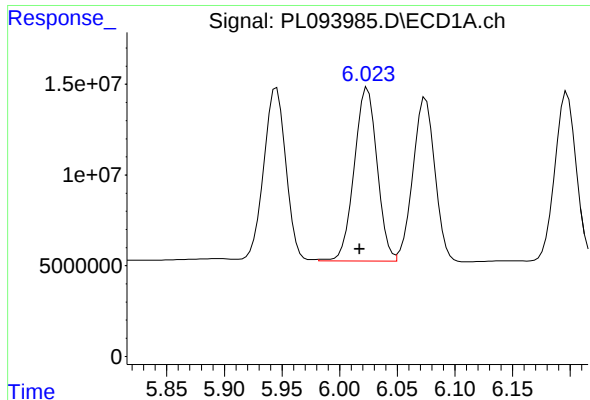
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.007 min
Response: 128062306
Conc: 45.94 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 204392929
Conc: 48.23 ng/ml



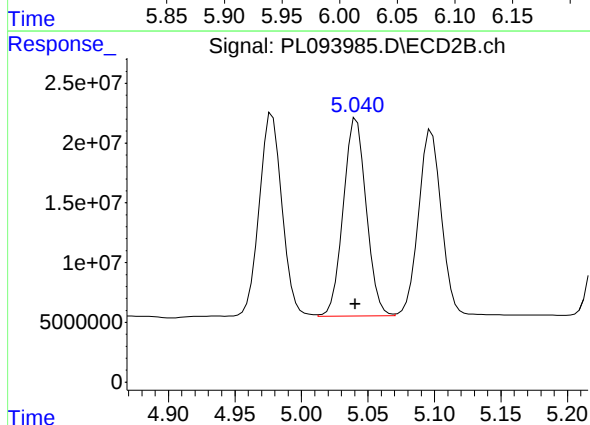
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.007 min
Response: 132015855
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166427BS

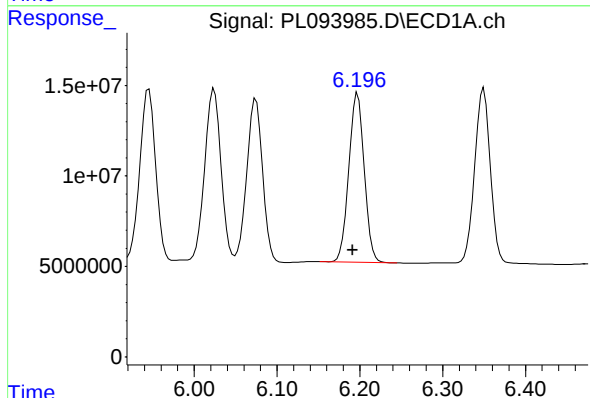
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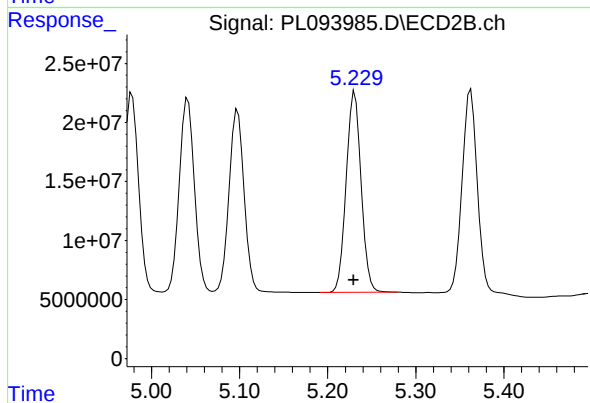
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 199222463
Conc: 47.59 ng/ml



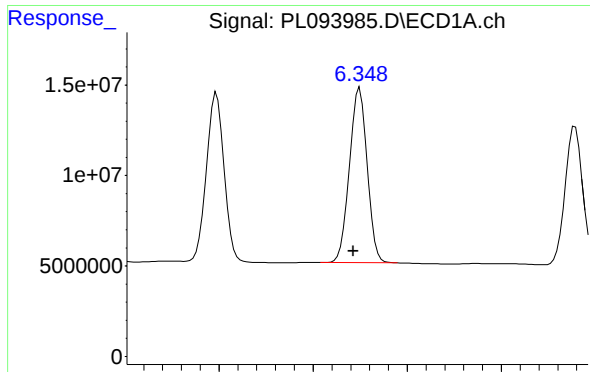
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.006 min
Response: 121029977
Conc: 49.71 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: 0.001 min
Response: 200558454
Conc: 50.02 ng/ml



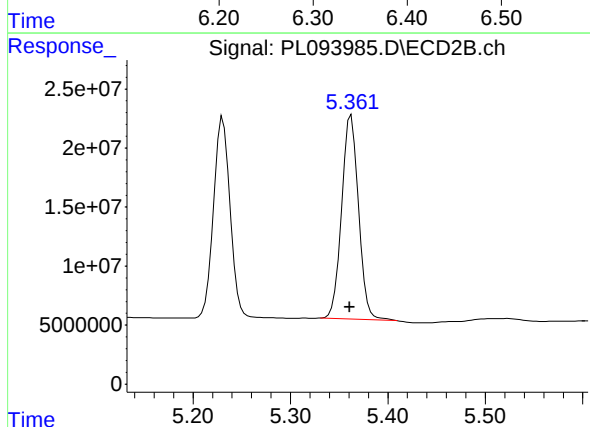
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.007 min
Response: 126614749
Conc: 45.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166427BS

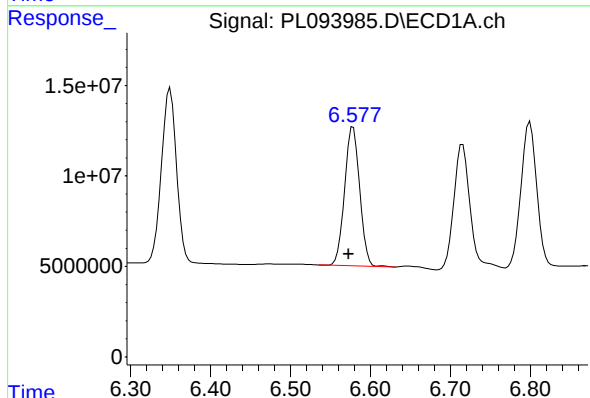
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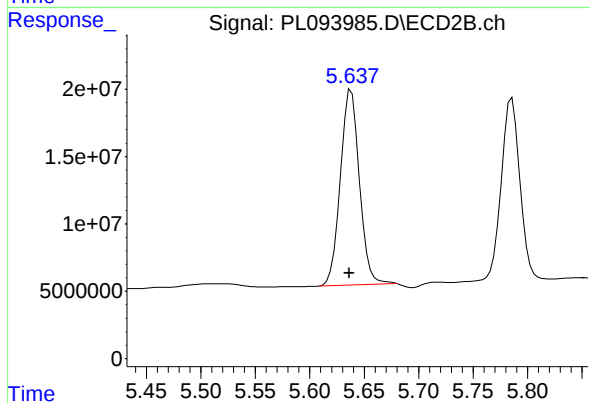
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: 0.002 min
Response: 208050311
Conc: 48.43 ng/ml



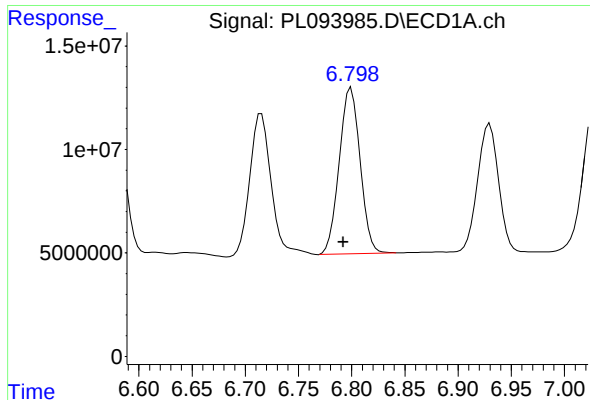
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.006 min
Response: 100660151
Conc: 42.93 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: 0.002 min
Response: 176267873
Conc: 47.73 ng/ml



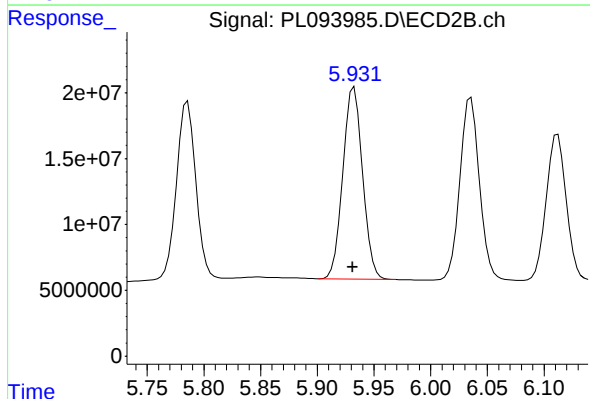
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: 0.007 min
Response: 109403165
Conc: 45.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166427BS

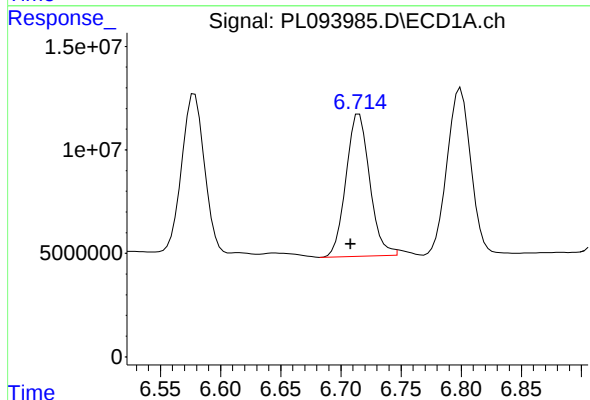
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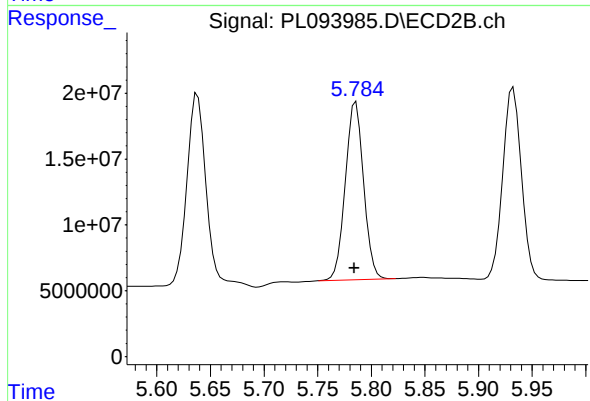
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.001 min
Response: 176171820
Conc: 47.56 ng/ml



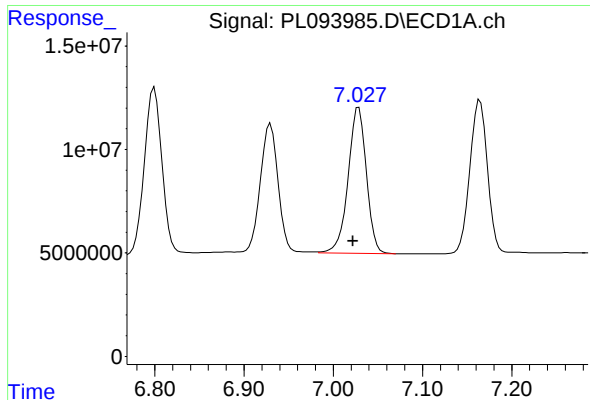
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.006 min
Response: 94963563
Conc: 49.97 ng/ml m



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: 0.001 min
Response: 160451841
Conc: 50.83 ng/ml



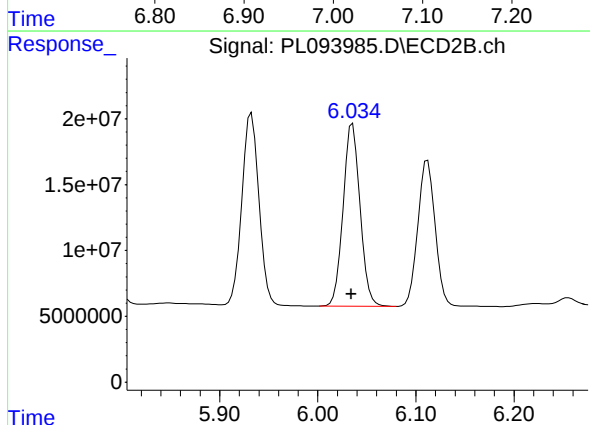
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: 0.006 min
Response: 100505107
Conc: 50.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166427BS

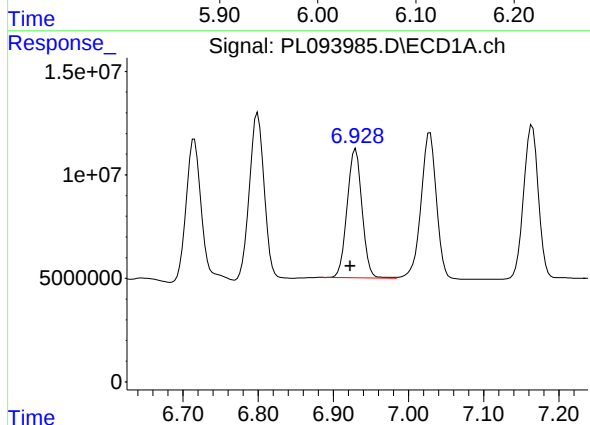
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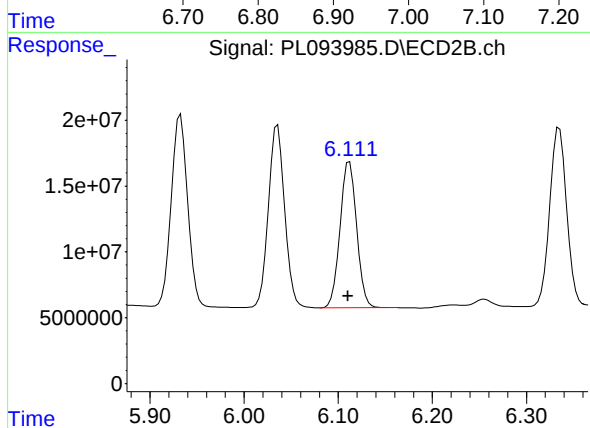
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.001 min
Response: 166521530
Conc: 51.17 ng/ml



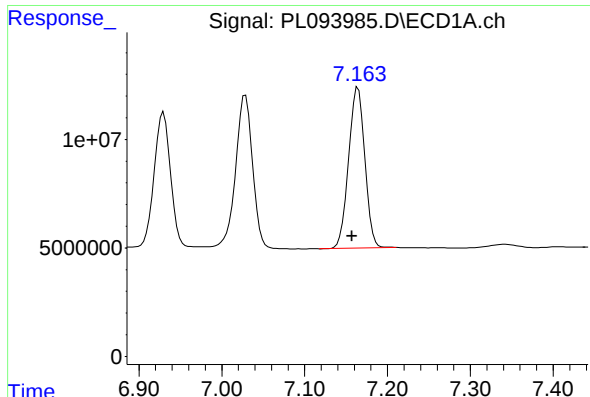
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.007 min
Response: 86050789
Conc: 44.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.002 min
Response: 136113025
Conc: 44.71 ng/ml



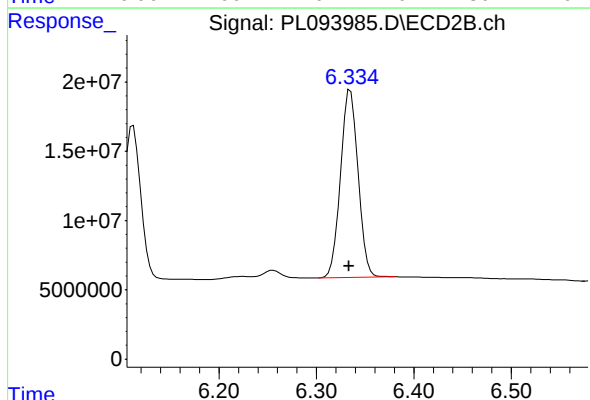
#19 Endosulfan Sulfate

R.T.: 7.164 min
Delta R.T.: 0.007 min
Response: 100992104
Conc: 44.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166427BS

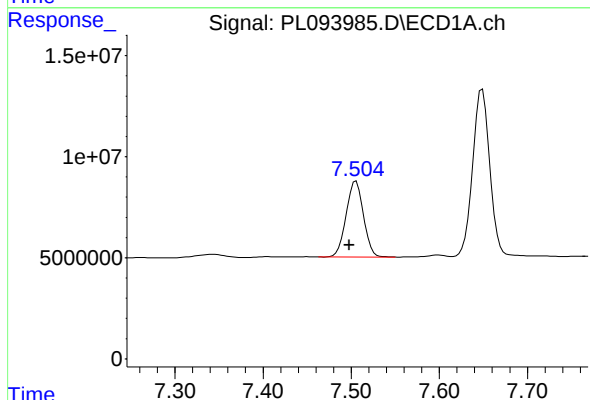
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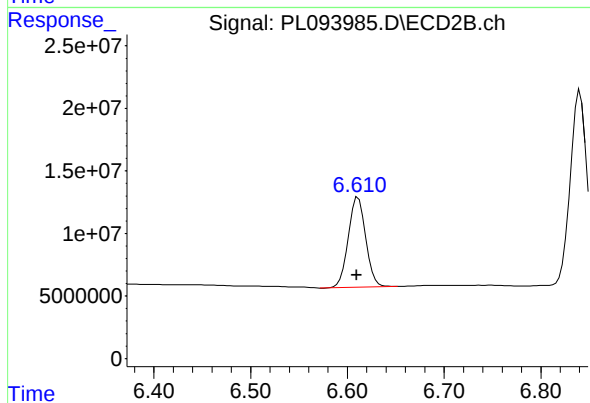
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: 0.002 min
Response: 169822751
Conc: 47.62 ng/ml



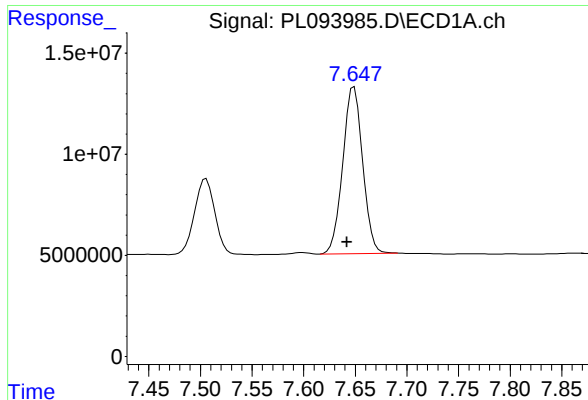
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.008 min
Response: 51382244
Conc: 49.25 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: 0.002 min
Response: 89422330
Conc: 50.01 ng/ml



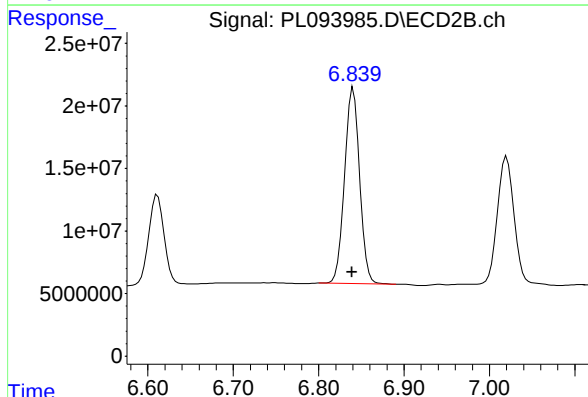
#21 Endrin ketone

R.T.: 7.649 min
Delta R.T.: 0.007 min
Response: 110745812
Conc: 43.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166427BS

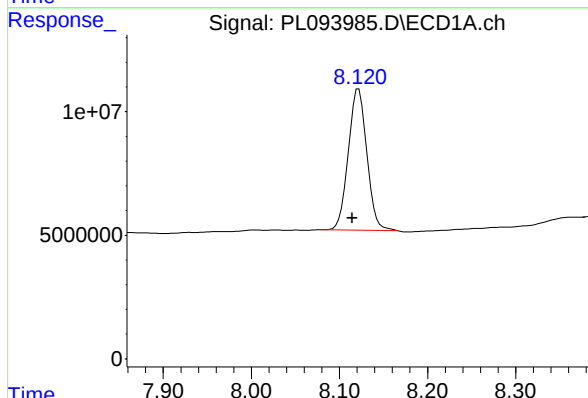
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/04/2025
Supervised By :Ankita Jodhani 02/04/2025



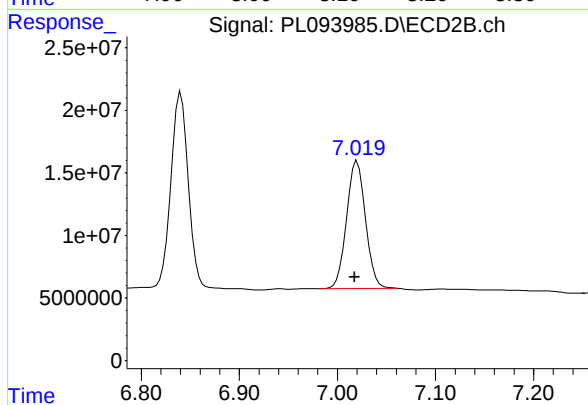
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: 0.001 min
Response: 191705587
Conc: 45.70 ng/ml



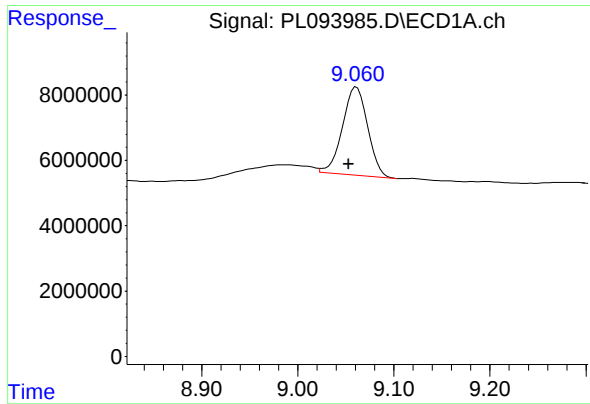
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.007 min
Response: 83692375
Conc: 40.19 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: 0.003 min
Response: 136668038
Conc: 40.41 ng/ml



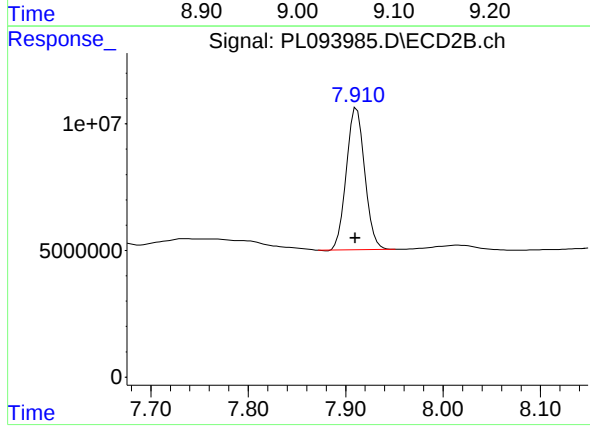
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.007 min
Response: 48859136
Conc: 23.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166427BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.001 min
Response: 73409520
Conc: 20.95 ng/ml