

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
 Data File : PL093885.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2025 12:05
 Operator : AR\AJ
 Sample : PB166334BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166334BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/31/2025
 Supervised By : Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 31 01:28:09 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...	3.538	2.773	45396856	51983350	16.859	15.926
28)	SA Decachlor...	9.052	7.909	40918327	66672240	19.560	19.027
Target Compounds							
2)	A alpha-BHC	3.994	3.276	163.2E6	208.7E6	42.577	42.682
3)	MA gamma-BHC...	4.326	3.605	155.7E6	198.5E6	42.275	41.868
4)	MA Heptachlor	4.913	3.944	149.7E6	206.2E6	45.674m	44.296
5)	MB Aldrin	5.256	4.223	140.1E6	193.0E6	42.811	42.314
6)	B beta-BHC	4.524	3.906	70301491	86969422	43.738	43.540
7)	B delta-BHC	4.772	4.134	150.5E6	198.8E6	42.943	41.838
8)	B Heptachlo...	5.682	4.726	127.3E6	184.3E6	42.821	44.093
9)	A Endosulfan I	6.068	5.095	117.8E6	176.1E6	44.568	45.434
10)	B gamma-Chl...	5.937	4.974	126.0E6	192.8E6	45.210m	45.508m
11)	B alpha-Chl...	6.017	5.039	126.4E6	190.3E6	45.314	45.443
12)	B 4,4'-DDE	6.191	5.228	114.8E6	185.6E6	47.156	46.285
13)	MA Dieldrin	6.342	5.360	124.4E6	192.9E6	44.805	44.910
14)	MA Endrin	6.571	5.634	102.8E6	167.2E6	43.860m	45.283m
15)	B Endosulfa...	6.792	5.930	110.0E6	173.3E6	45.667	46.782
16)	A 4,4'-DDD	6.708	5.784	94310962	153.0E6	49.623	48.468
17)	MA 4,4'-DDT	7.022	6.033	96554101	154.9E6	48.961	47.592
18)	B Endrin al...	6.923	6.109	88075355	136.3E6	45.305	44.767
19)	B Endosulfa...	7.157	6.332	103.7E6	166.5E6	45.814	46.703
20)	A Methoxychlor	7.499	6.608	50876411	83159213	48.760	46.506
21)	B Endrin ke...	7.642	6.838	118.0E6	199.5E6	46.770	47.551
22)	Mirex	8.115	7.017	90501237	148.6E6	43.458	43.952

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013025\
Data File : PL093885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jan 2025 12:05
Operator : AR\AJ
Sample : PB166334BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

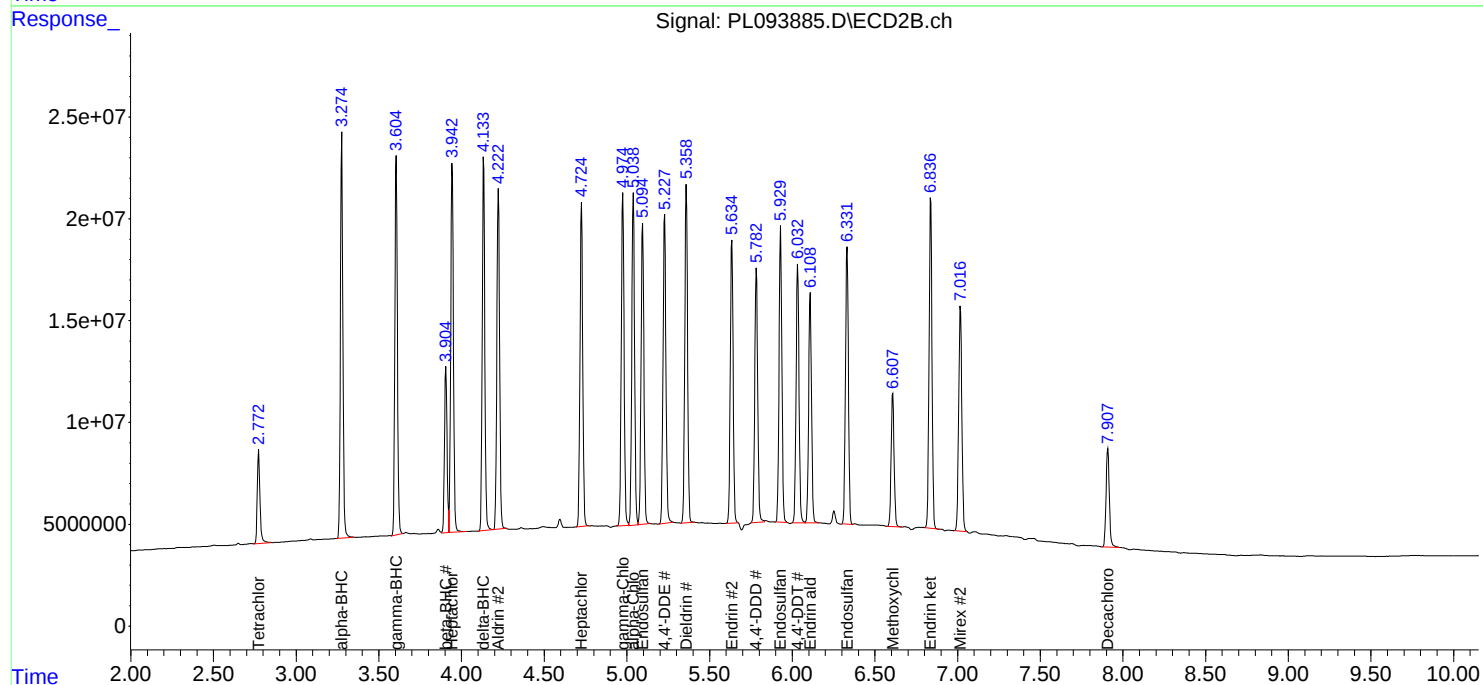
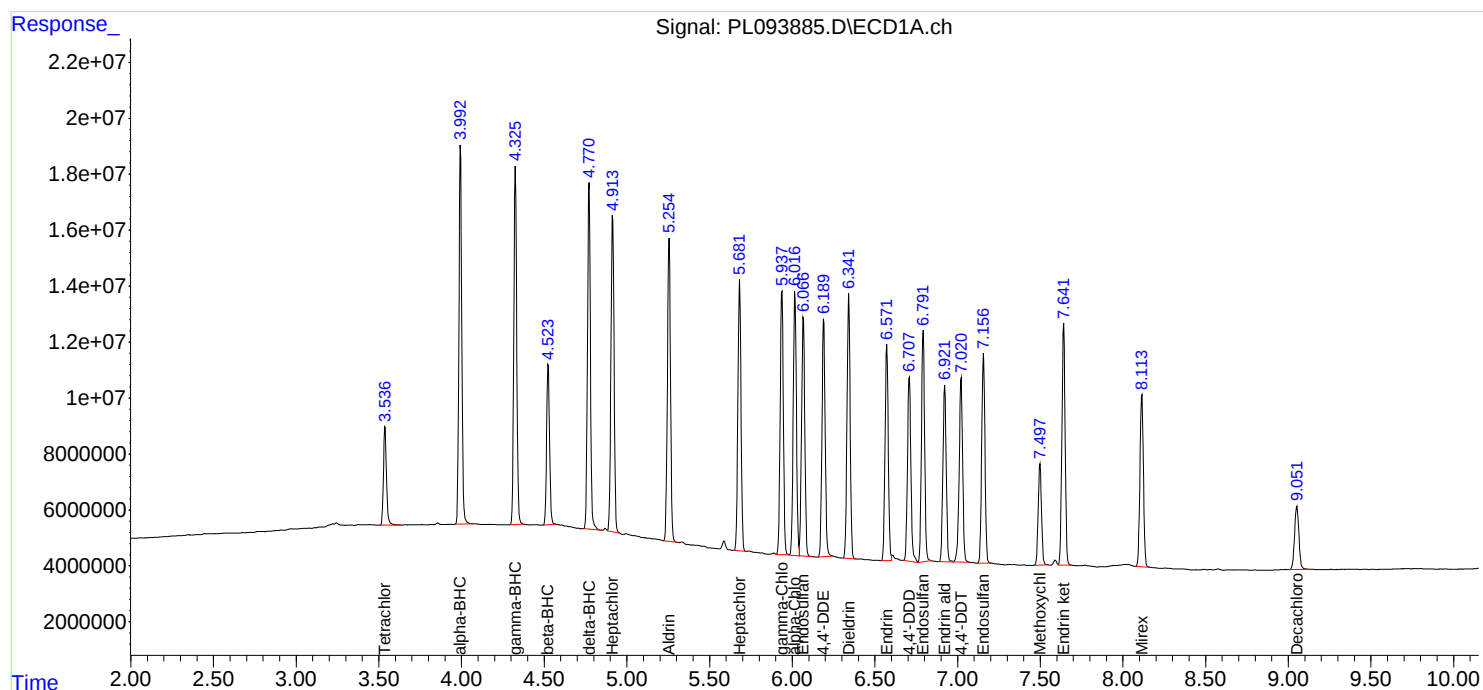
Instrument :
ECD_L
ClientSampleId :
PB166334BS

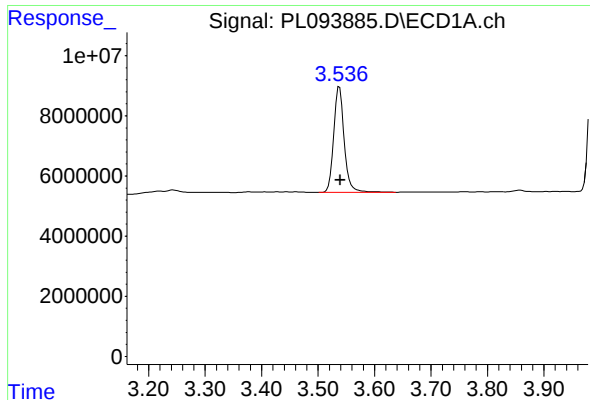
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/31/2025
Supervised By :Ankita Jodhani 01/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 31 01:28:09 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





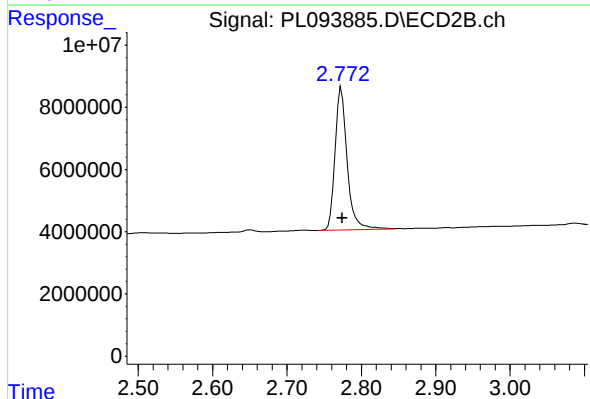
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.001 min
Response: 45396856
Conc: 16.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166334BS

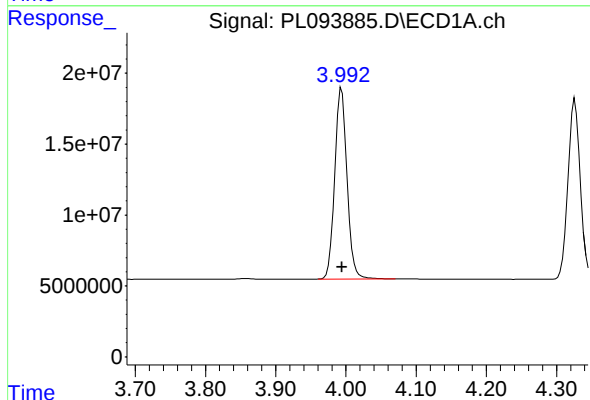
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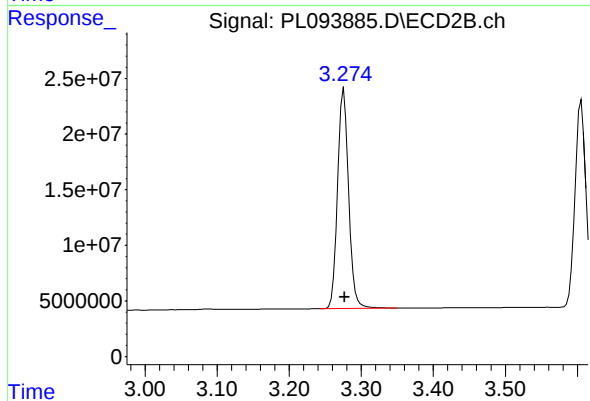
#1 Tetrachloro-m-xylene

R.T.: 2.773 min
Delta R.T.: -0.001 min
Response: 51983350
Conc: 15.93 ng/ml



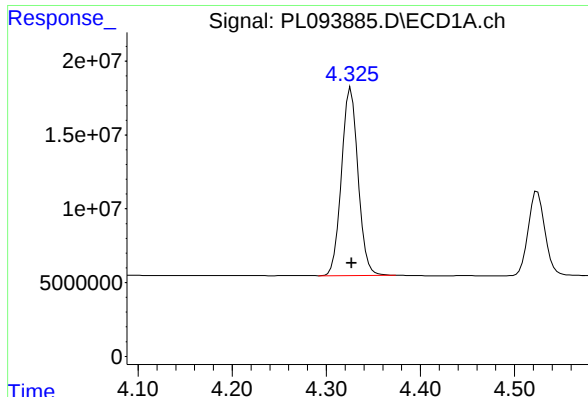
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 163232245
Conc: 42.58 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: -0.001 min
Response: 208672829
Conc: 42.68 ng/ml



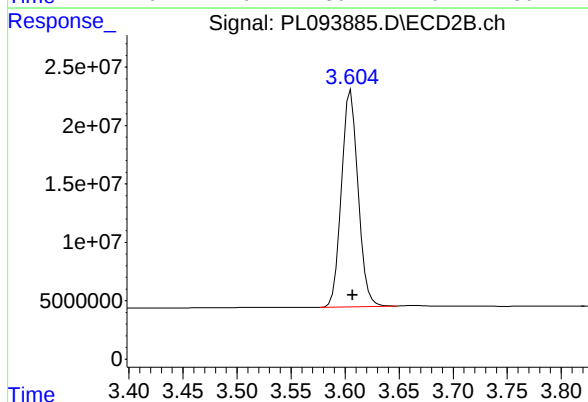
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 155692756
Conc: 42.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166334BS

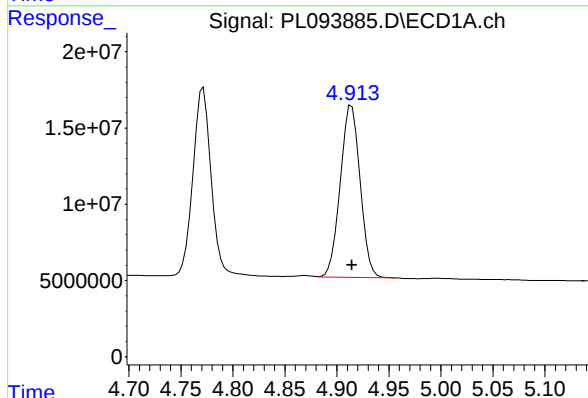
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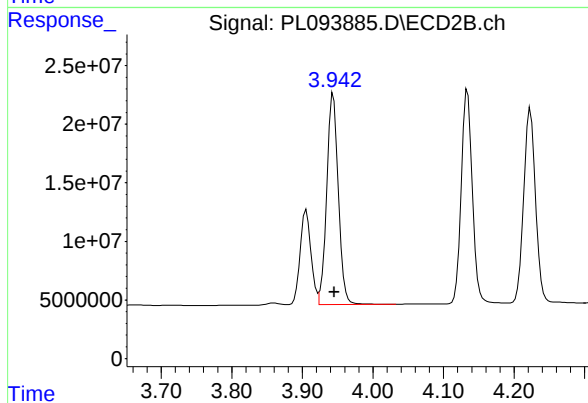
#3 gamma-BHC (Lindane)

R.T.: 3.605 min
Delta R.T.: -0.002 min
Response: 198505294
Conc: 41.87 ng/ml



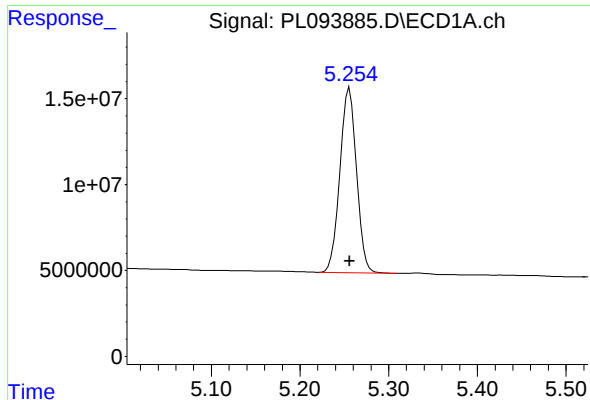
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 149689831
Conc: 45.67 ng/ml m



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: -0.001 min
Response: 206190608
Conc: 44.30 ng/ml



#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 140077807
Conc: 42.81 ng/ml

Instrument :

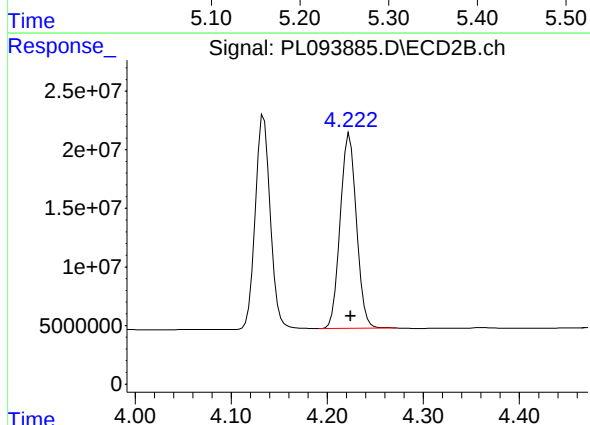
ECD_L

ClientSampleId :

PB166334BS

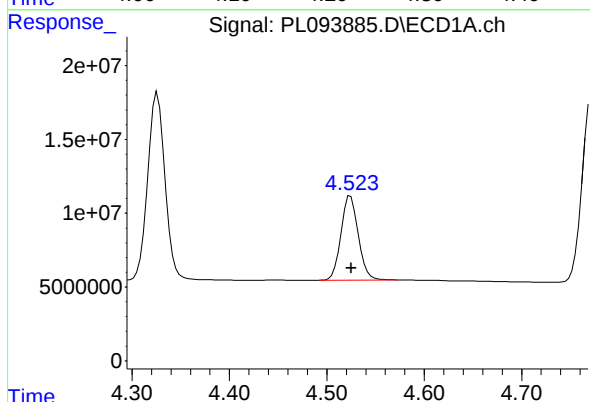
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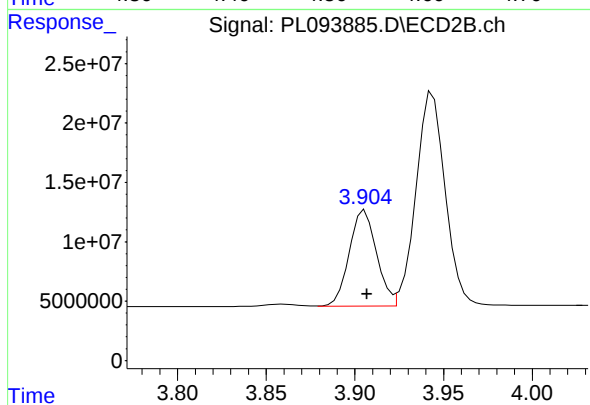
#5 Aldrin

R.T.: 4.223 min
Delta R.T.: -0.002 min
Response: 193027025
Conc: 42.31 ng/ml



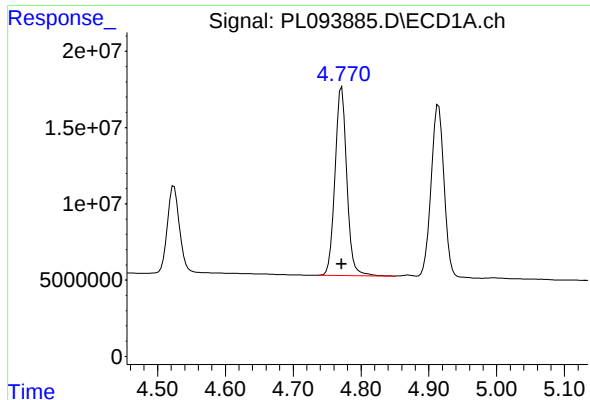
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 70301491
Conc: 43.74 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: -0.001 min
Response: 86969422
Conc: 43.54 ng/ml



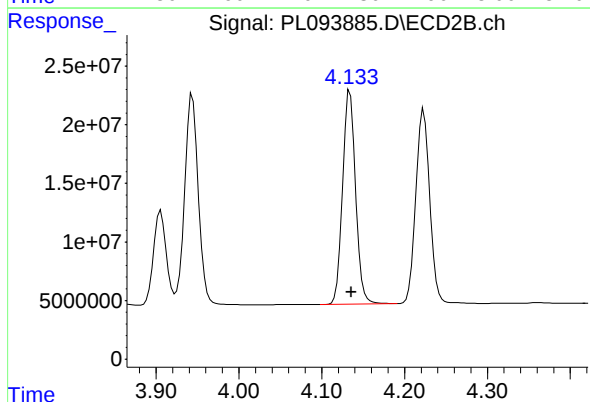
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 150527791
Conc: 42.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166334BS

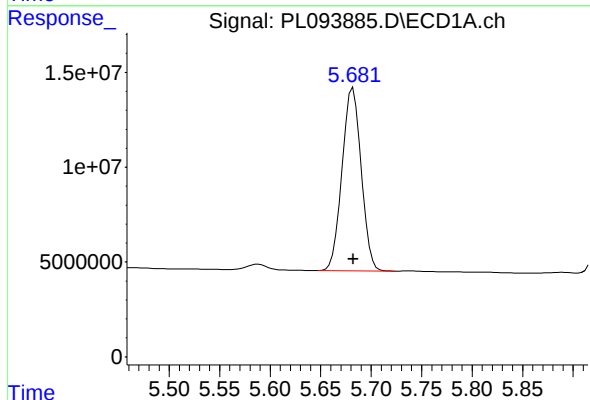
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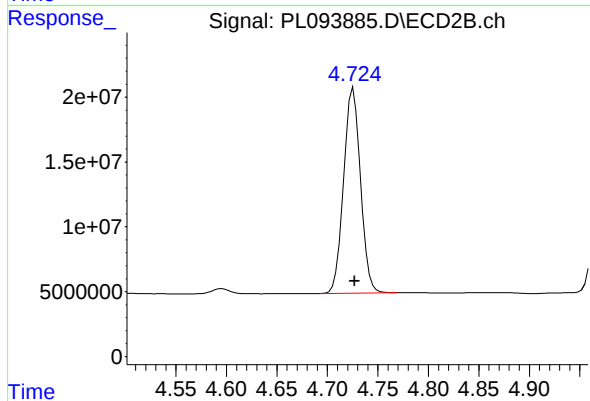
#7 delta-BHC

R.T.: 4.134 min
Delta R.T.: -0.002 min
Response: 198781259
Conc: 41.84 ng/ml



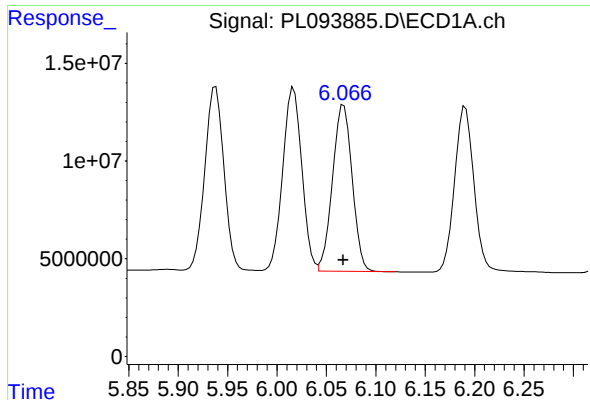
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 127340707
Conc: 42.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: -0.001 min
Response: 184320095
Conc: 44.09 ng/ml



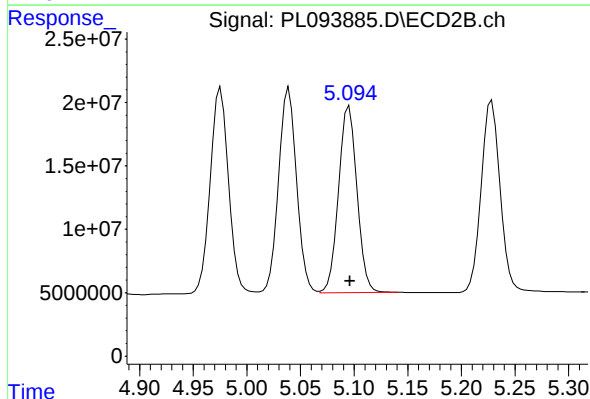
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 117787511
Conc: 44.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166334BS

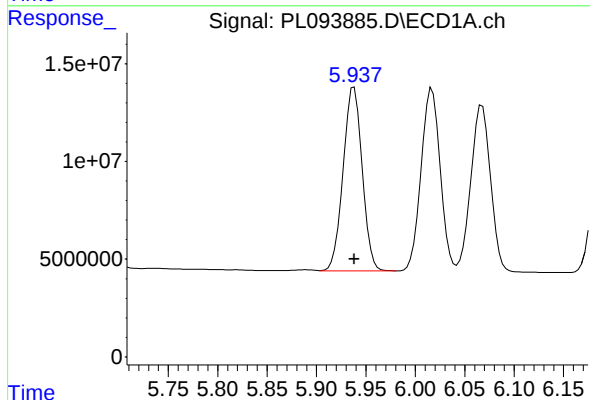
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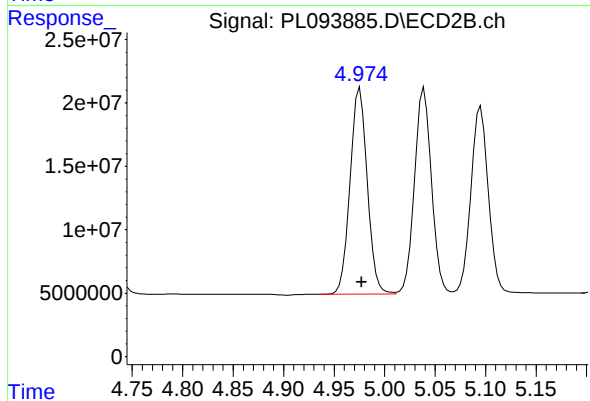
#9 Endosulfan I

R.T.: 5.095 min
Delta R.T.: -0.001 min
Response: 176142646
Conc: 45.43 ng/ml



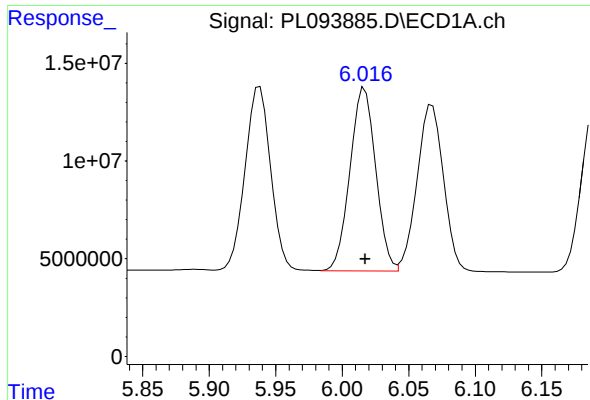
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.002 min
Response: 126016062
Conc: 45.21 ng/ml m



#10 gamma-Chlordane

R.T.: 4.974 min
Delta R.T.: -0.003 min
Response: 192844663
Conc: 45.51 ng/ml m



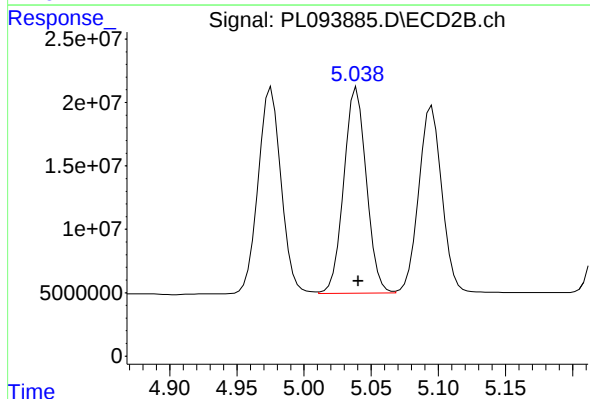
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 126352705
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166334BS

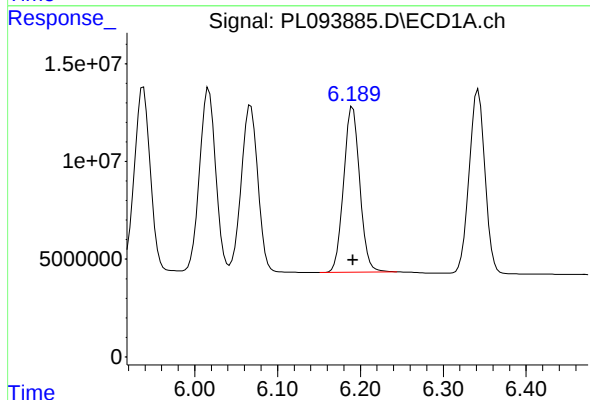
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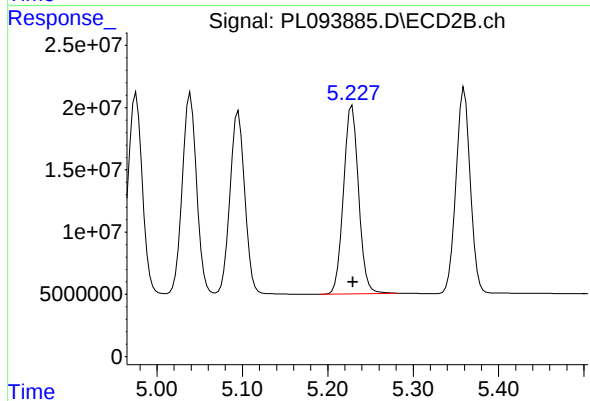
#11 alpha-Chlordane

R.T.: 5.039 min
Delta R.T.: -0.001 min
Response: 190250436
Conc: 45.44 ng/ml



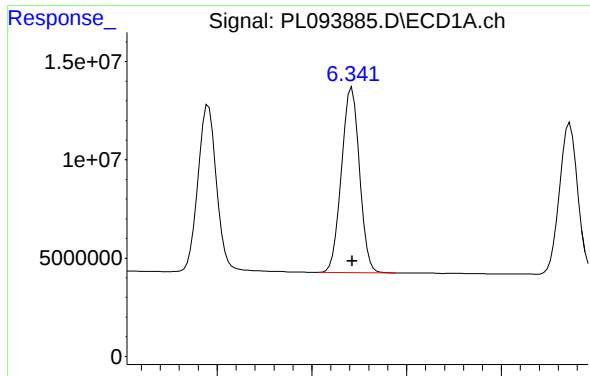
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 114805230
Conc: 47.16 ng/ml



#12 4,4'-DDE

R.T.: 5.228 min
Delta R.T.: -0.001 min
Response: 185579611
Conc: 46.29 ng/ml



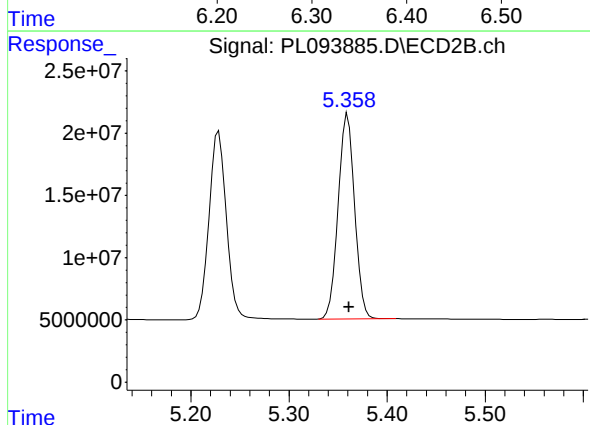
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.000 min
Response: 124372735
Conc: 44.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166334BS

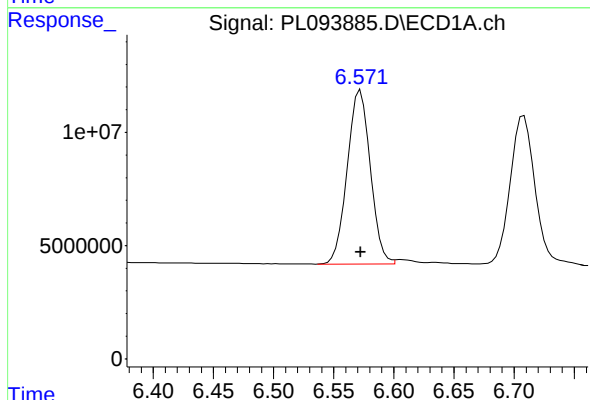
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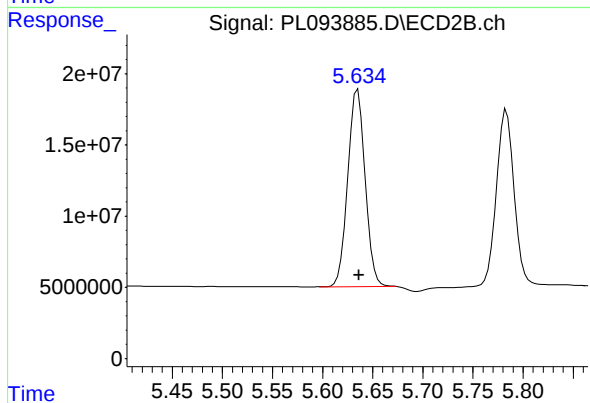
#13 Dieldrin

R.T.: 5.360 min
Delta R.T.: 0.000 min
Response: 192917707
Conc: 44.91 ng/ml



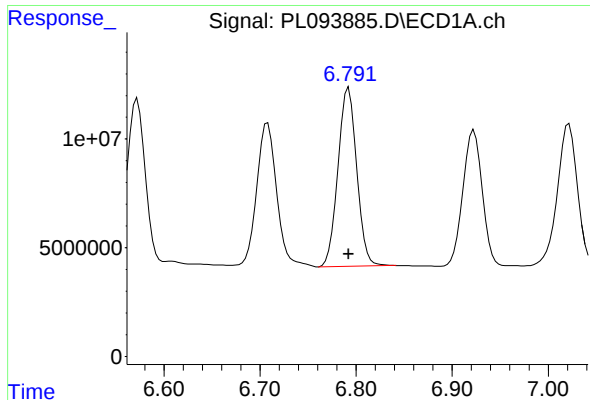
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 102844690
Conc: 43.86 ng/ml m



#14 Endrin

R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 167214587
Conc: 45.28 ng/ml m



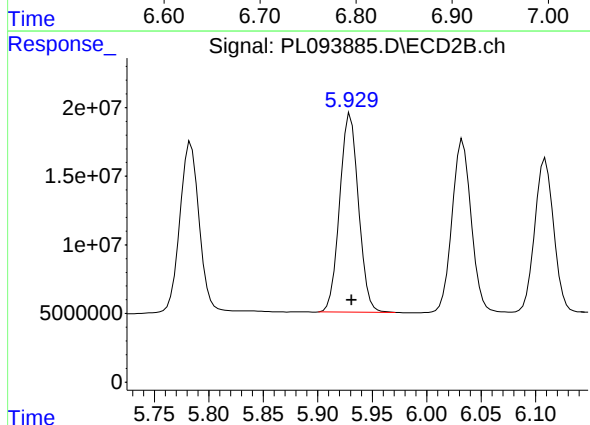
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: 0.000 min
Response: 110027258
Conc: 45.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166334BS

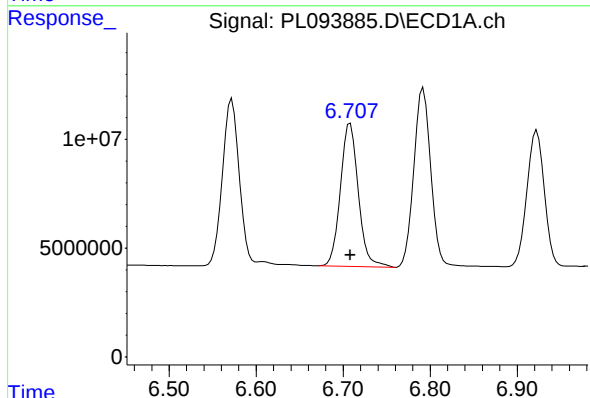
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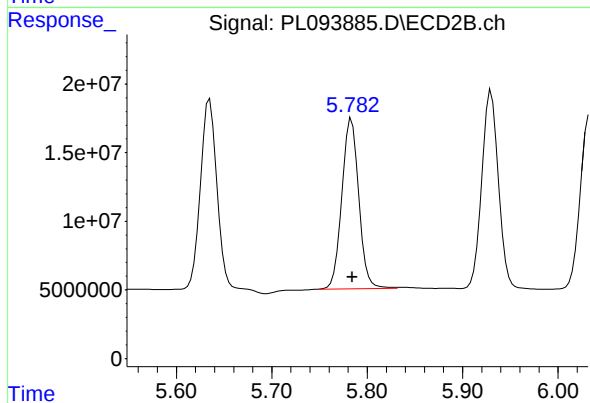
#15 Endosulfan II

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 173271298
Conc: 46.78 ng/ml



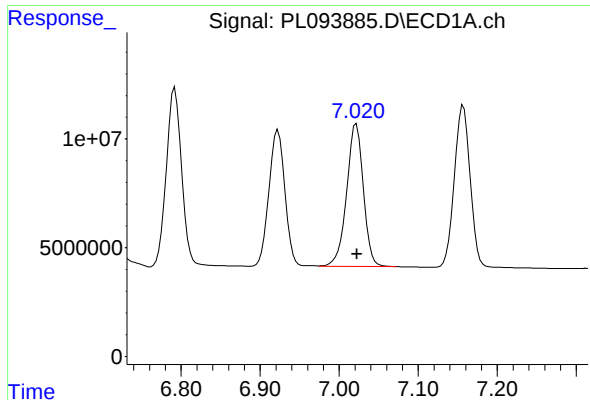
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 94310962
Conc: 49.62 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 152990234
Conc: 48.47 ng/ml



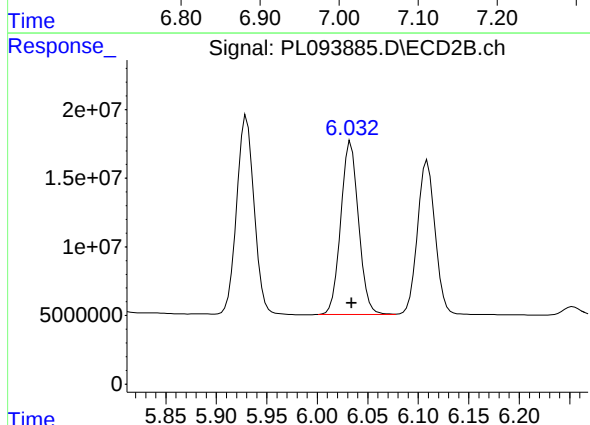
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 96554101
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166334BS

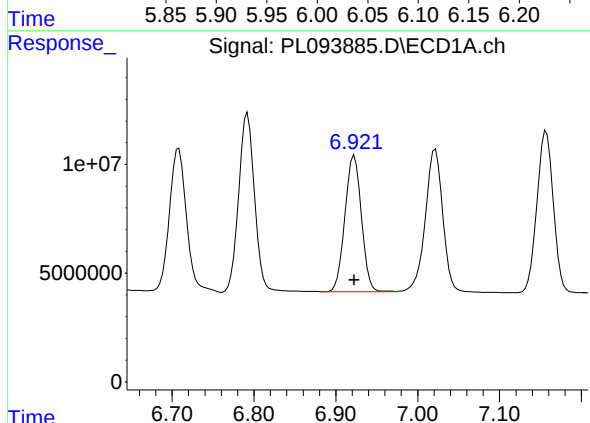
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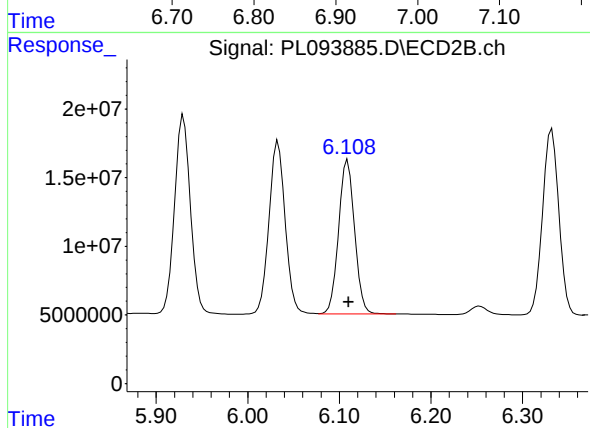
#17 4,4'-DDT

R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 154867902
Conc: 47.59 ng/ml



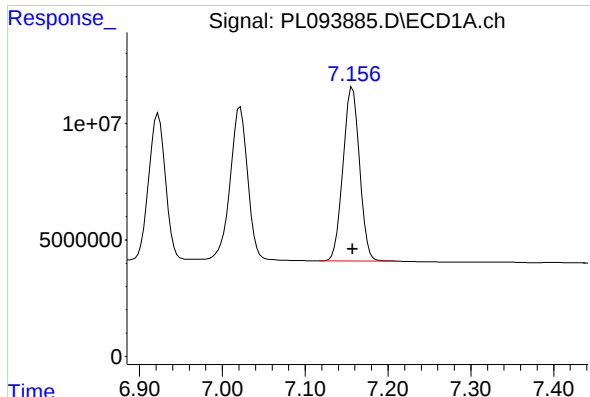
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 88075355
Conc: 45.30 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: -0.001 min
Response: 136299387
Conc: 44.77 ng/ml



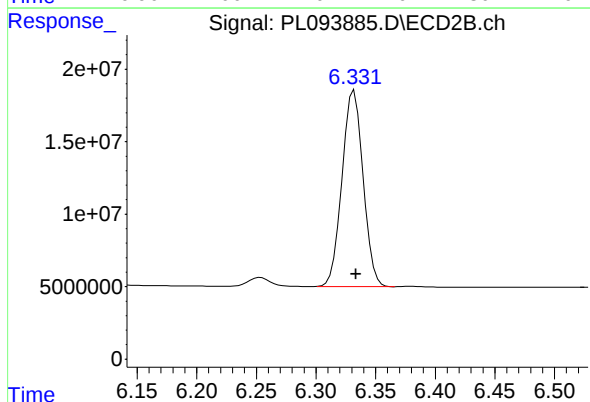
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 103711932
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166334BS

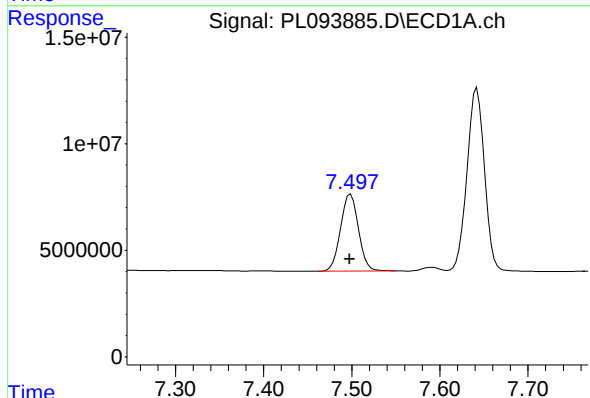
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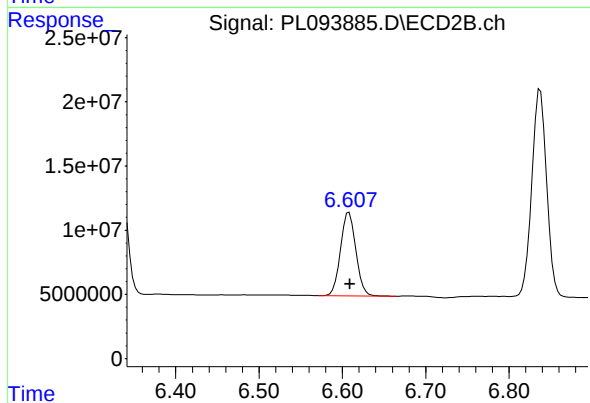
#19 Endosulfan Sulfate

R.T.: 6.332 min
Delta R.T.: -0.001 min
Response: 166545311
Conc: 46.70 ng/ml



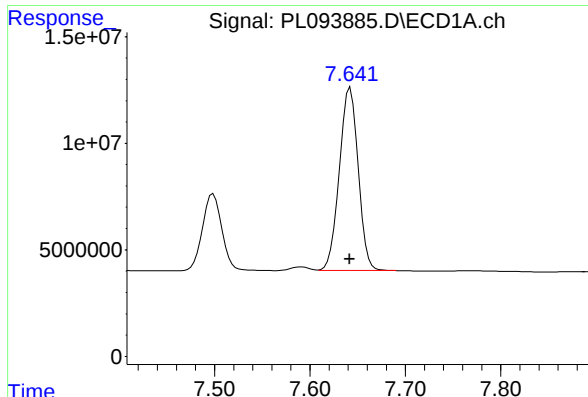
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 50876411
Conc: 48.76 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.001 min
Response: 83159213
Conc: 46.51 ng/ml



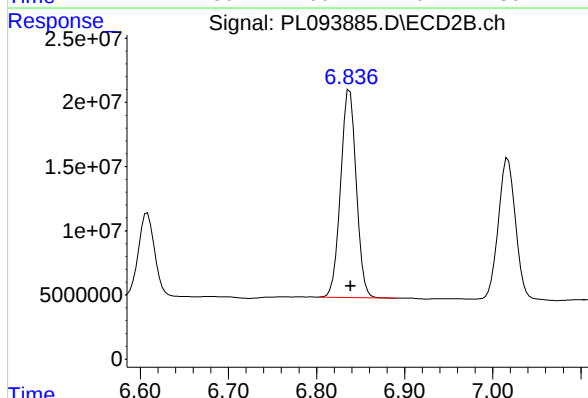
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 117982839
Conc: 46.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166334BS

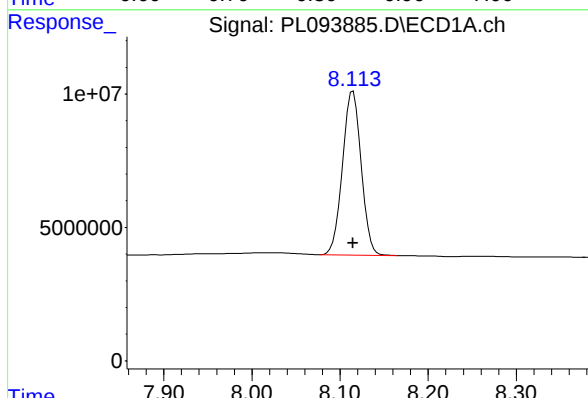
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/31/2025
Supervised By :Ankita Jodhani 01/31/2025



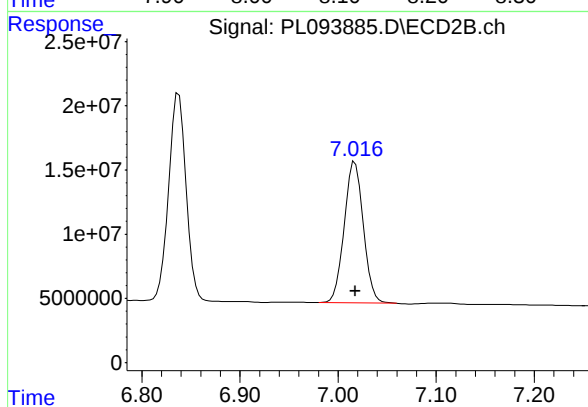
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: -0.001 min
Response: 199488340
Conc: 47.55 ng/ml



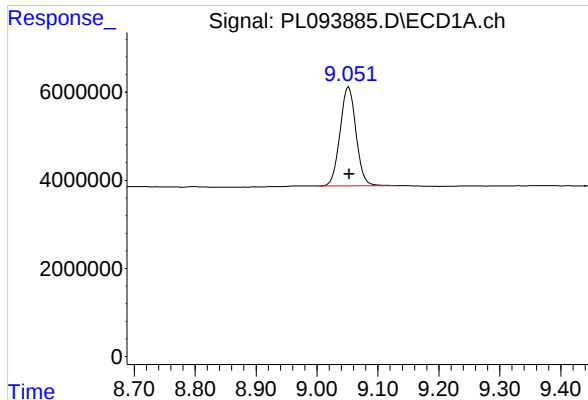
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 90501237
Conc: 43.46 ng/ml



#22 Mirex

R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 148642357
Conc: 43.95 ng/ml



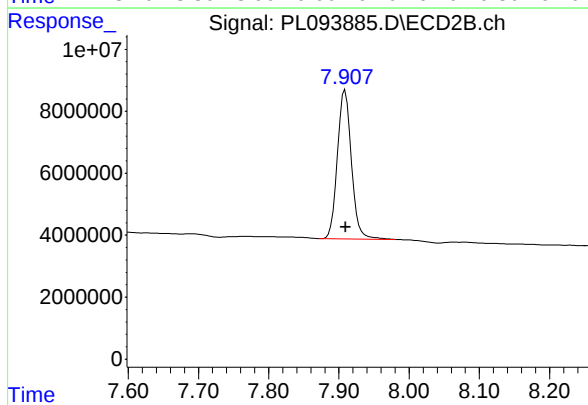
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: 0.000 min
Response: 40918327
Conc: 19.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166334BS

Manual Integrations
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Supervised By :Ankita Jodhani 01/31/2025



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: -0.001 min
Response: 66672240
Conc: 19.03 ng/ml