

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
 Data File : PL094591.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2025 18:11
 Operator : AR\AJ
 Sample : PB167076BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167076BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/12/2025
 Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 03:02:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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	2.772	54638336	65390140	19.302	18.320
28)	SA Decachlor...	9.054	7.906	48036391	90285577	22.794	22.351
Target Compounds							
2)	A alpha-BHC	3.994	3.274	183.6E6	244.4E6	44.223	45.323
3)	MA gamma-BHC...	4.325	3.604	177.4E6	235.1E6	44.448m	45.742
4)	MA Heptachlor	4.914	3.941	176.5E6	245.2E6	45.470	46.539
5)	MB Aldrin	5.256	4.220	167.2E6	226.9E6	45.289	46.522
6)	B beta-BHC	4.525	3.904	80404348	102.9E6	43.574	46.313
7)	B delta-BHC	4.772	4.132	184.3E6	230.9E6	47.329	46.171
8)	B Heptachlo...	5.682	4.723	155.2E6	219.0E6	46.409	47.827
9)	A Endosulfan I	6.068	5.093	144.1E6	211.3E6	46.927	48.154
10)	B gamma-Chl...	5.938	4.973	156.4E6	228.4E6	46.429	47.298
11)	B alpha-Chl...	6.017	5.036	152.8E6	225.7E6	46.345	47.288
12)	B 4,4'-DDE	6.192	5.225	140.5E6	222.4E6	47.770	47.848
13)	MA Dieldrin	6.343	5.356	150.4E6	232.8E6	47.038	47.992
14)	MA Endrin	6.571	5.633	126.3E6	208.4E6	45.568m	47.761
15)	B Endosulfa...	6.793	5.928	128.2E6	210.8E6	47.240	48.706
16)	A 4,4'-DDD	6.709	5.781	104.6E6	176.4E6	48.303	49.059
17)	MA 4,4'-DDT	7.022	6.031	115.0E6	197.5E6	48.365	48.994
18)	B Endrin al...	6.923	6.107	99578921	162.7E6	47.172	48.343
19)	B Endosulfa...	7.158	6.330	116.4E6	204.5E6	47.863	50.212
20)	A Methoxychlor	7.499	6.606	59059881	104.5E6	49.337	49.280
21)	B Endrin ke...	7.643	6.835	129.5E6	244.2E6	48.982	51.171
22)	Mirex	8.116	7.015	97934964	185.9E6	47.397	48.974

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031125\
Data File : PL094591.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2025 18:11
Operator : AR\AJ
Sample : PB167076BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB167076BS

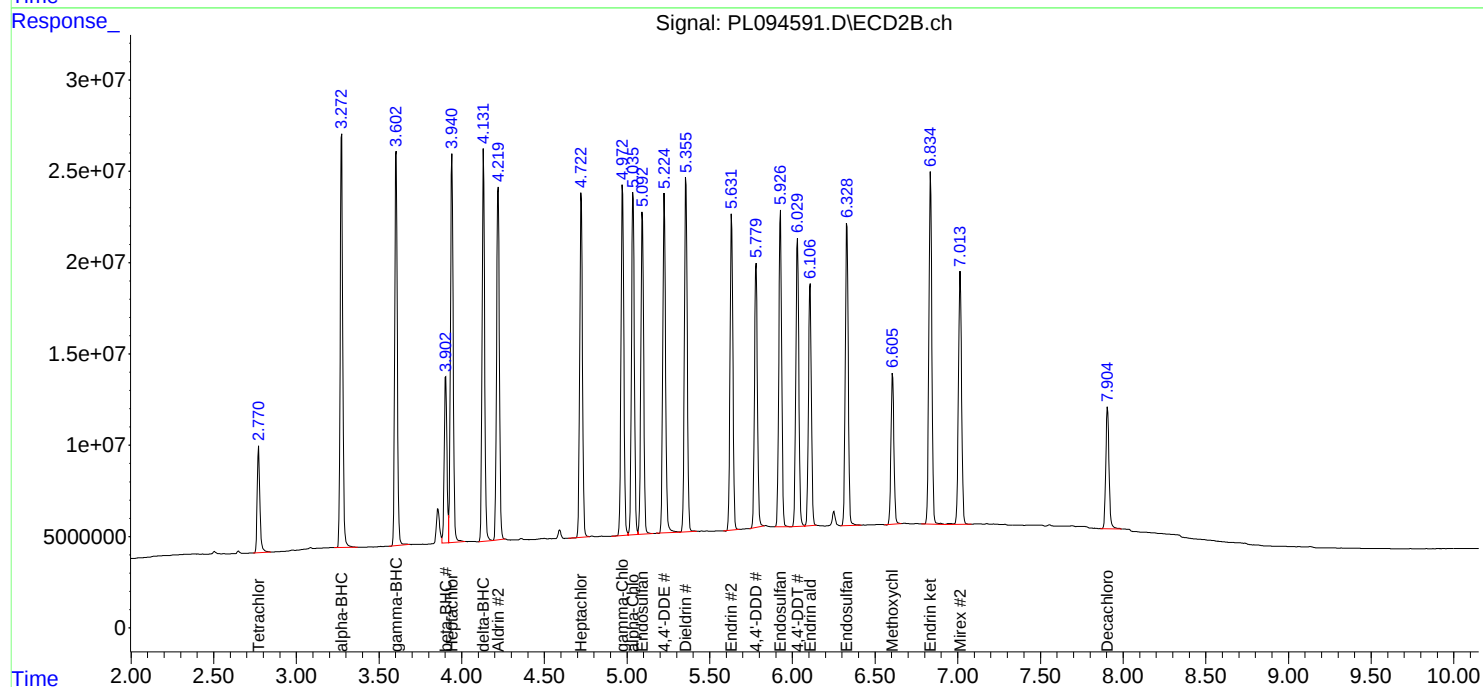
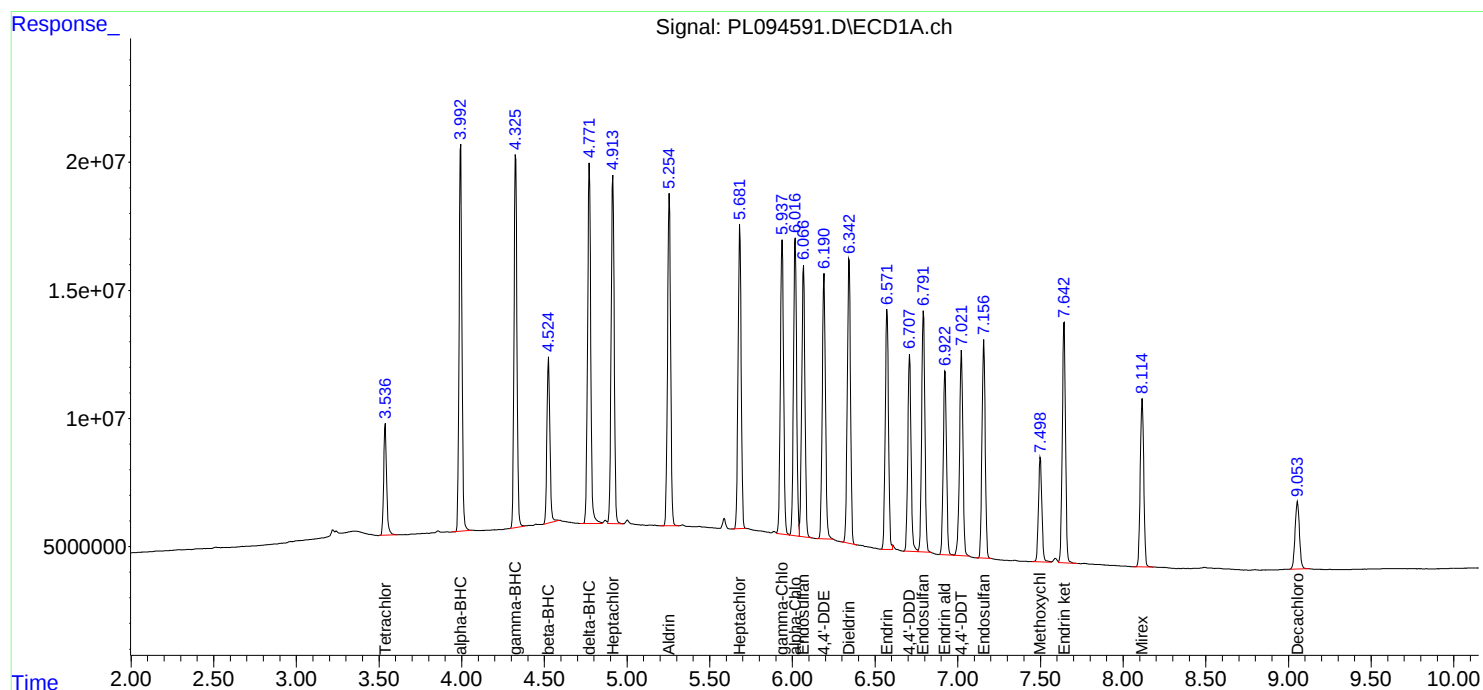
Manual Integrations

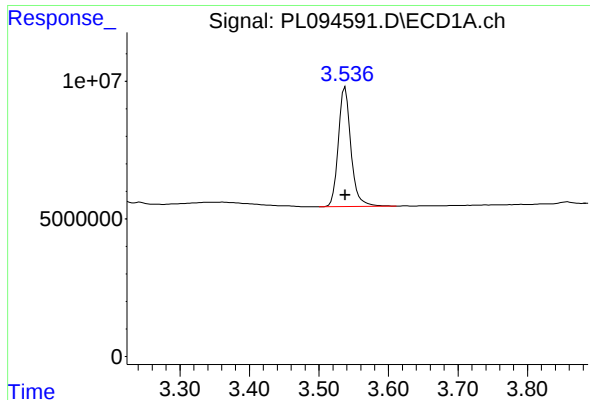
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 03:02:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
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Volume 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





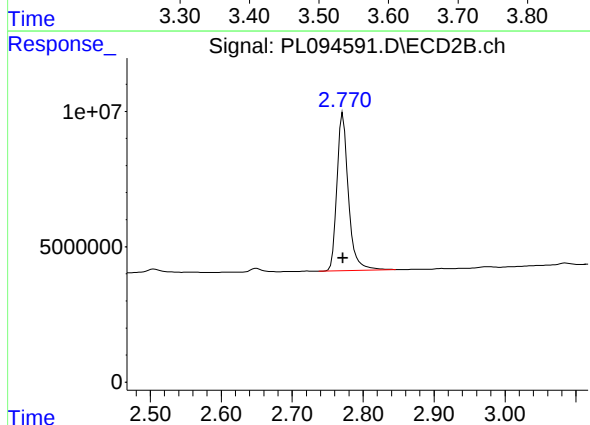
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 54638336
Conc: 19.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BS

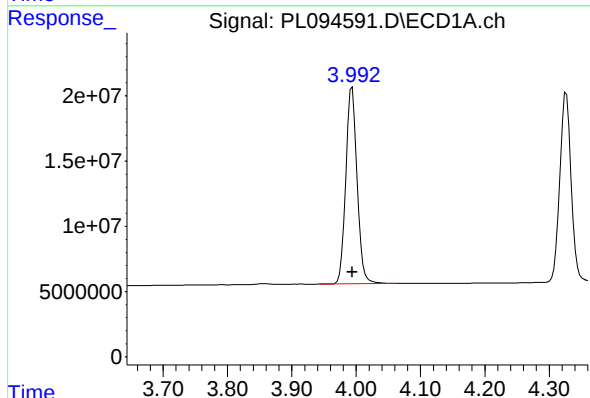
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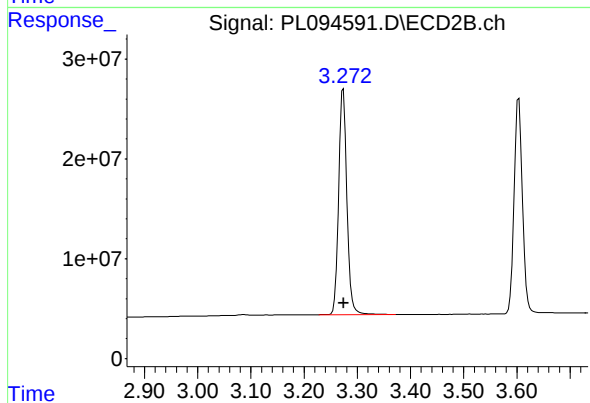
#1 Tetrachloro-m-xylene

R.T.: 2.772 min
Delta R.T.: 0.000 min
Response: 65390140
Conc: 18.32 ng/ml



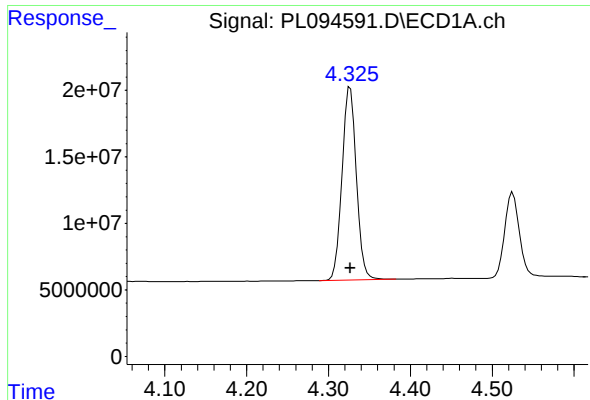
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 183628302
Conc: 44.22 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 244351502
Conc: 45.32 ng/ml



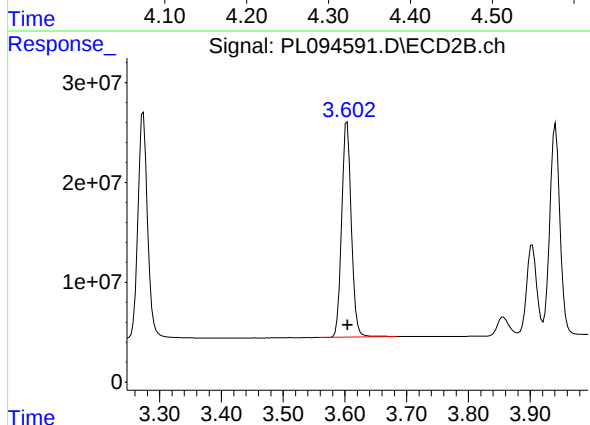
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.002 min
Response: 177357536
Conc: 44.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BS

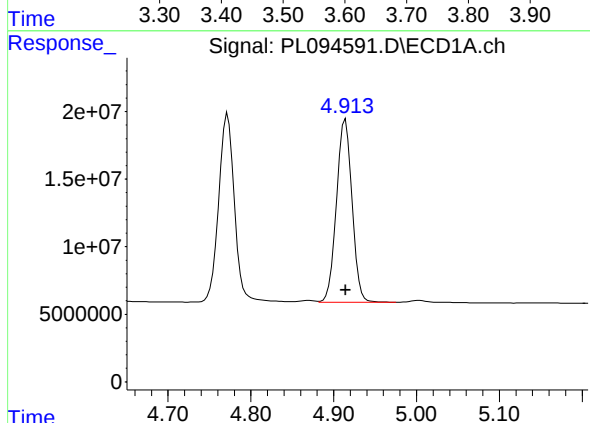
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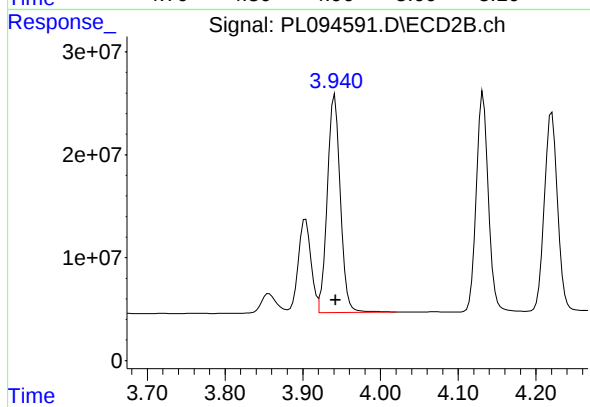
#3 gamma-BHC (Lindane)

R.T.: 3.604 min
Delta R.T.: 0.000 min
Response: 235090408
Conc: 45.74 ng/ml



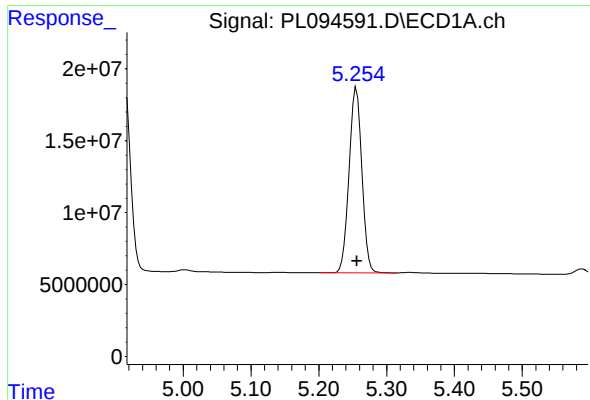
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 176495920
Conc: 45.47 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: -0.001 min
Response: 245195170
Conc: 46.54 ng/ml



#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 167216595
Conc: 45.29 ng/ml

Instrument :

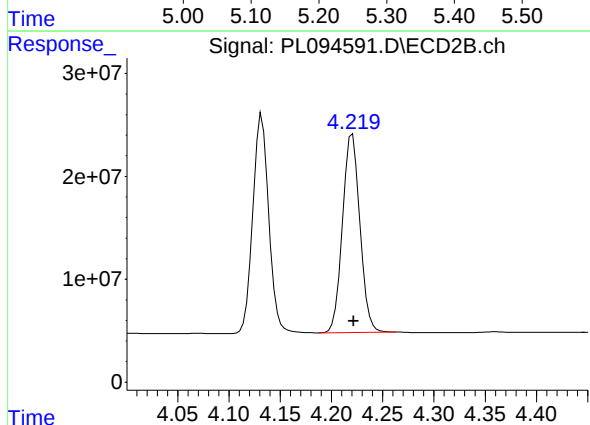
ECD_L

ClientSampleId :

PB167076BS

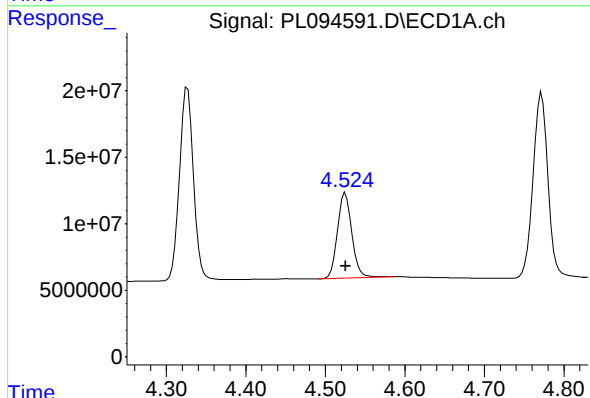
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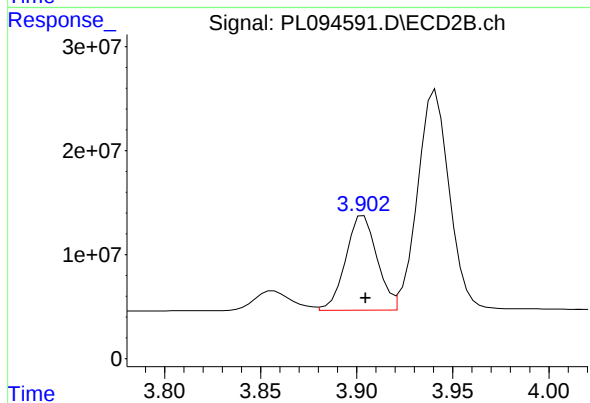
#5 Aldrin

R.T.: 4.220 min
Delta R.T.: -0.001 min
Response: 226858127
Conc: 46.52 ng/ml



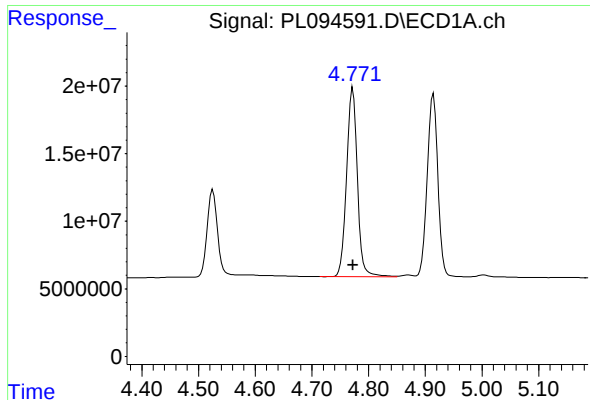
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 80404348
Conc: 43.57 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: -0.001 min
Response: 102875717
Conc: 46.31 ng/ml



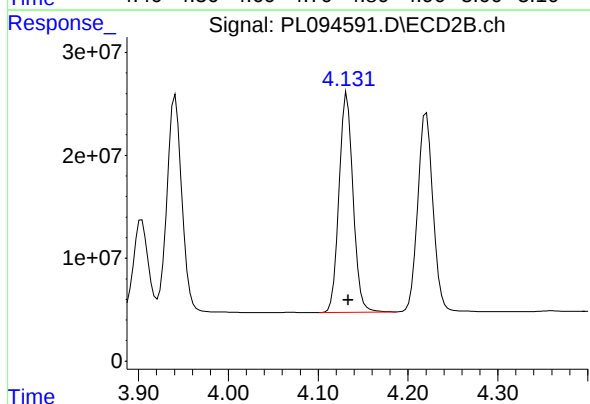
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 184314867
Conc: 47.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BS

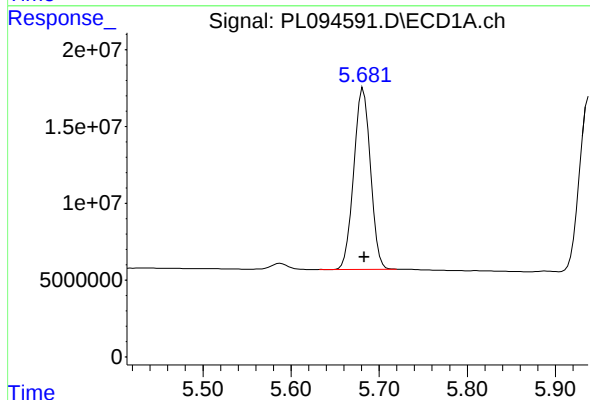
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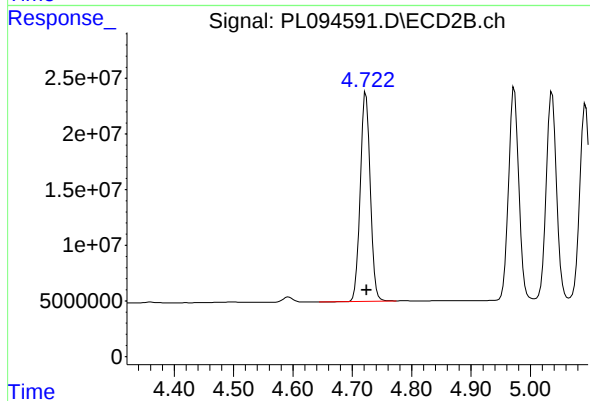
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: -0.001 min
Response: 230947865
Conc: 46.17 ng/ml



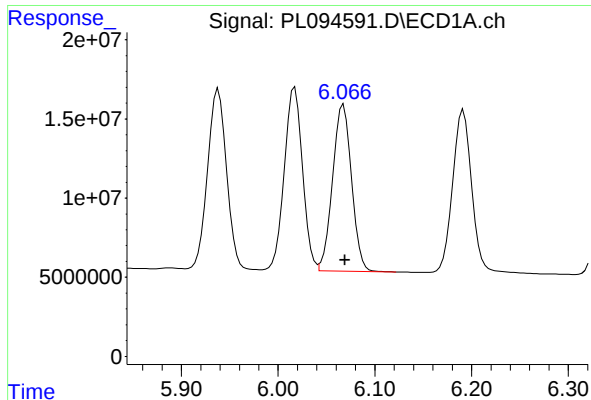
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.000 min
Response: 155246717
Conc: 46.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min
Delta R.T.: -0.002 min
Response: 218980381
Conc: 47.83 ng/ml



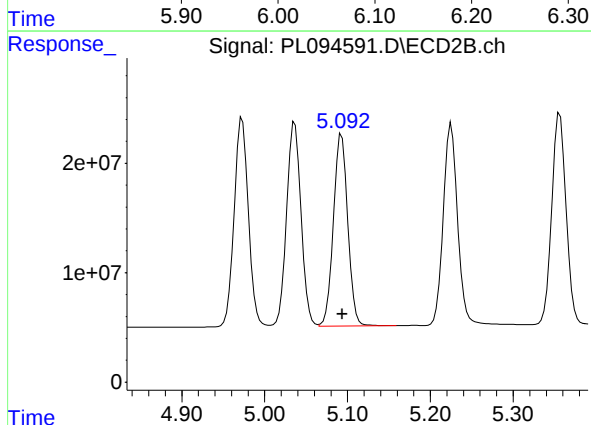
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 144074089
Conc: 46.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BS

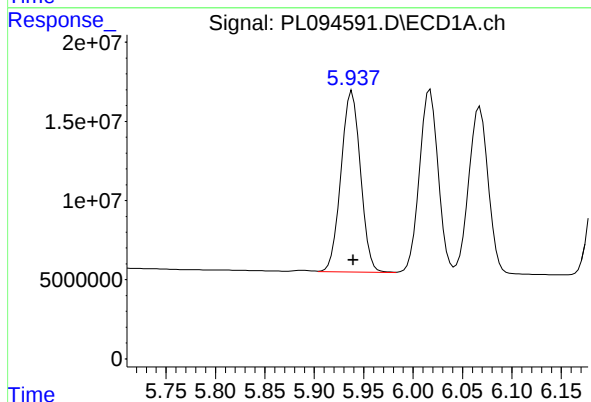
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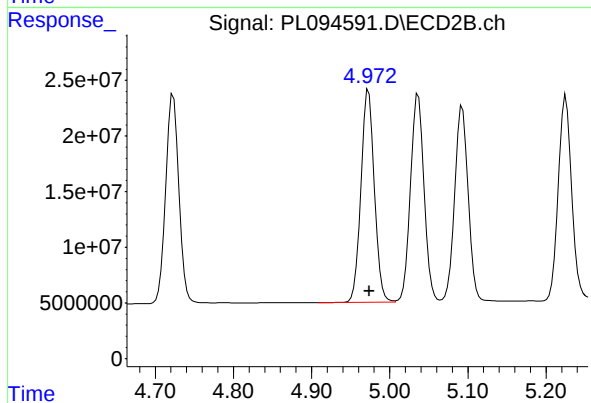
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: -0.001 min
Response: 211334483
Conc: 48.15 ng/ml



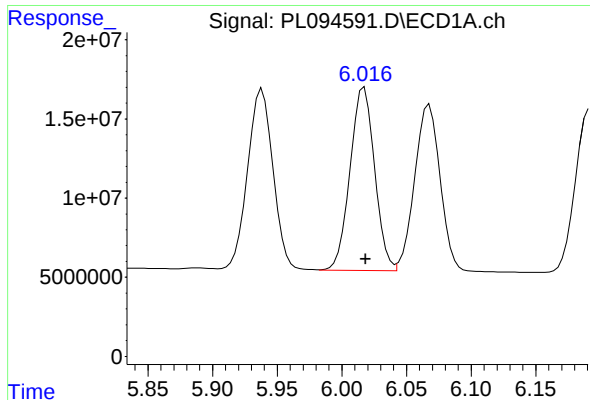
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.001 min
Response: 156436264
Conc: 46.43 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 228377023
Conc: 47.30 ng/ml



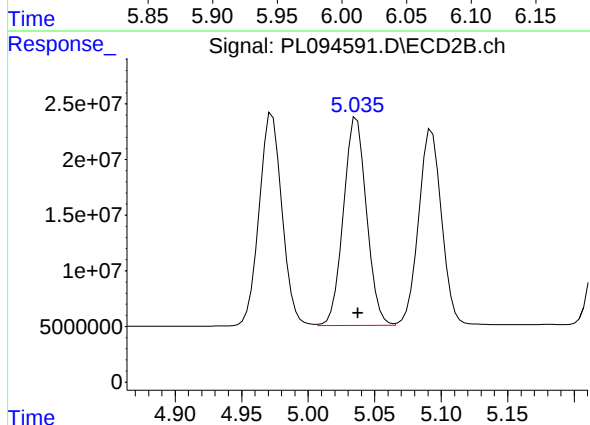
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.001 min
Response: 152791975
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BS

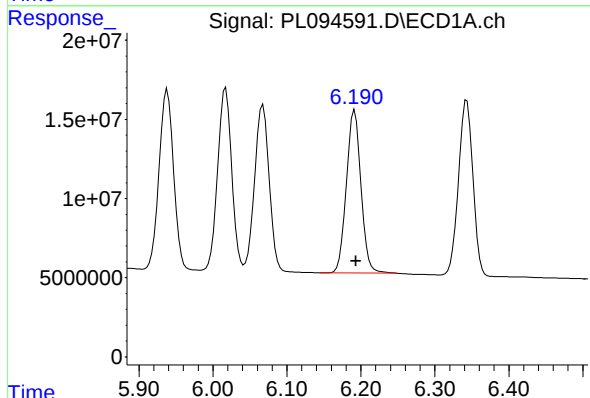
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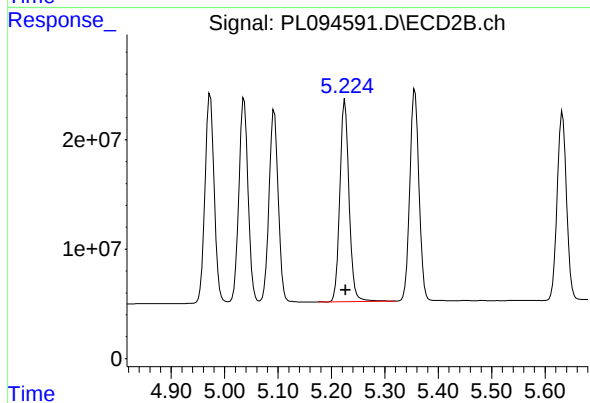
#11 alpha-Chlordane

R.T.: 5.036 min
Delta R.T.: -0.001 min
Response: 225692523
Conc: 47.29 ng/ml



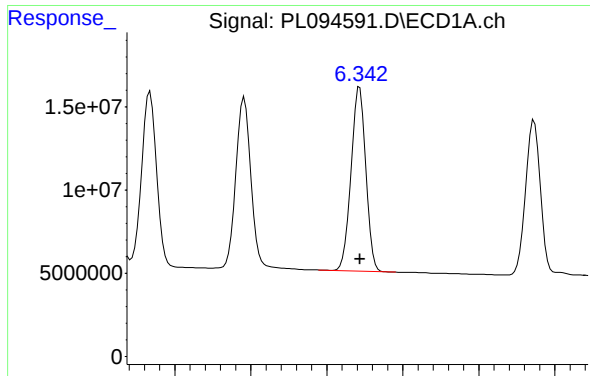
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.001 min
Response: 140542181
Conc: 47.77 ng/ml



#12 4,4'-DDE

R.T.: 5.225 min
Delta R.T.: -0.001 min
Response: 222423939
Conc: 47.85 ng/ml



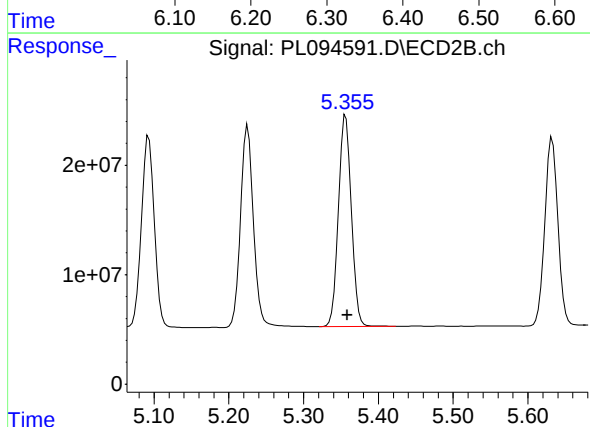
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.000 min
Response: 150433710
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BS

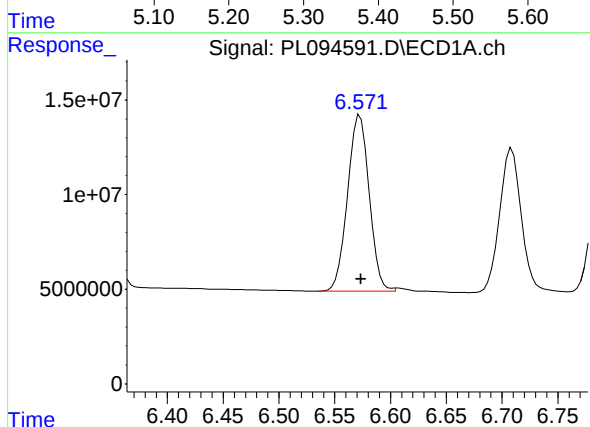
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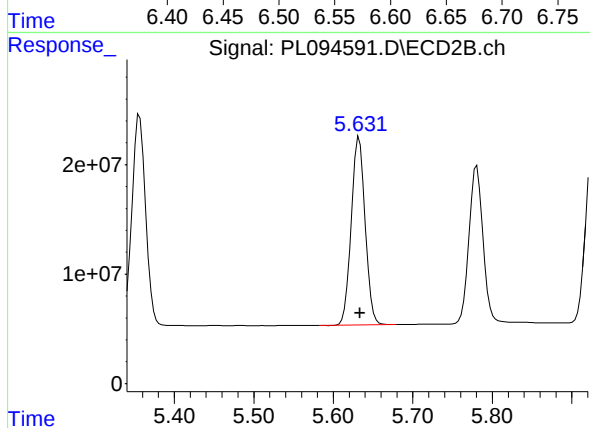
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 232848607
Conc: 47.99 ng/ml



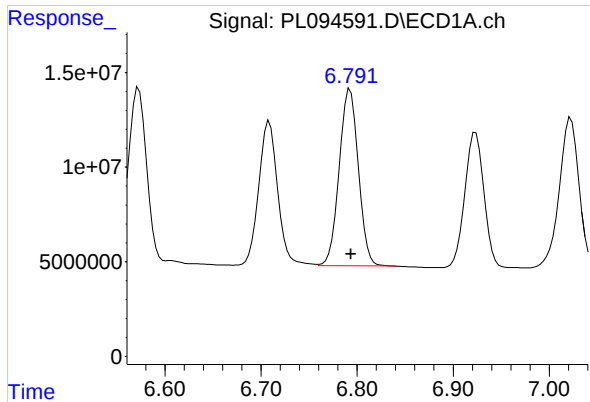
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.002 min
Response: 126318607
Conc: 45.57 ng/ml m



#14 Endrin

R.T.: 5.633 min
Delta R.T.: -0.001 min
Response: 208410837
Conc: 47.76 ng/ml



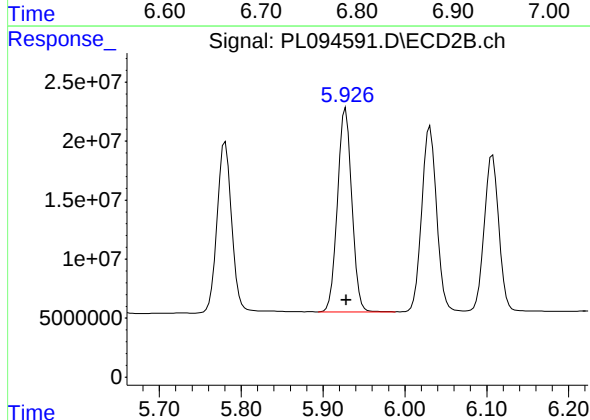
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.001 min
Response: 128245504
Conc: 47.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BS

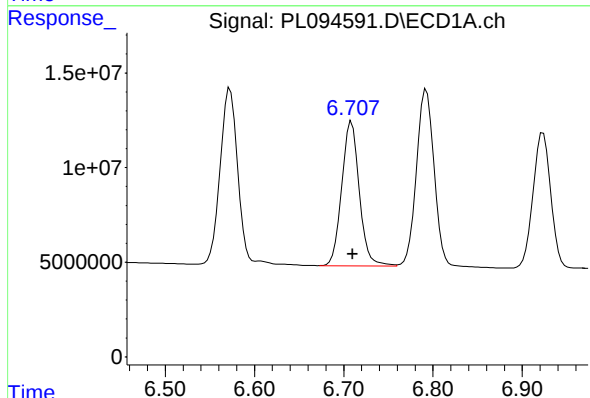
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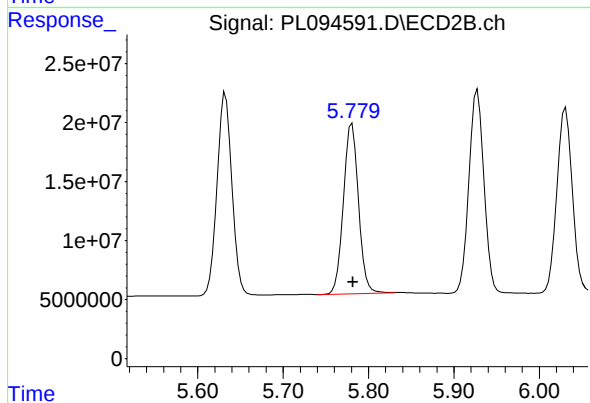
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.000 min
Response: 210810276
Conc: 48.71 ng/ml



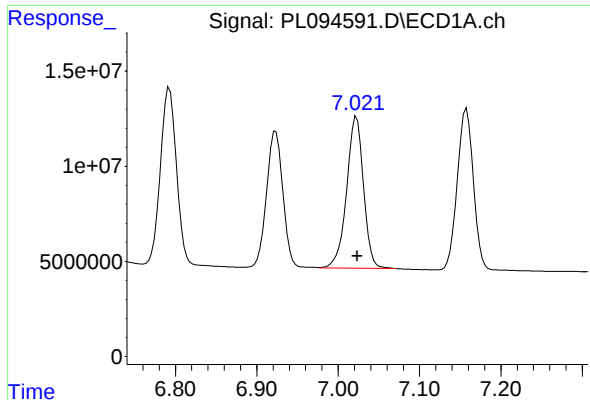
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 104627409
Conc: 48.30 ng/ml



#16 4,4'-DDD

R.T.: 5.781 min
Delta R.T.: -0.001 min
Response: 176410468
Conc: 49.06 ng/ml



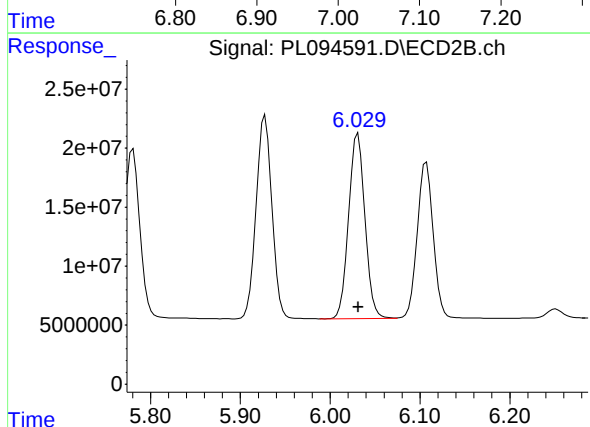
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.001 min
Response: 115037237
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BS

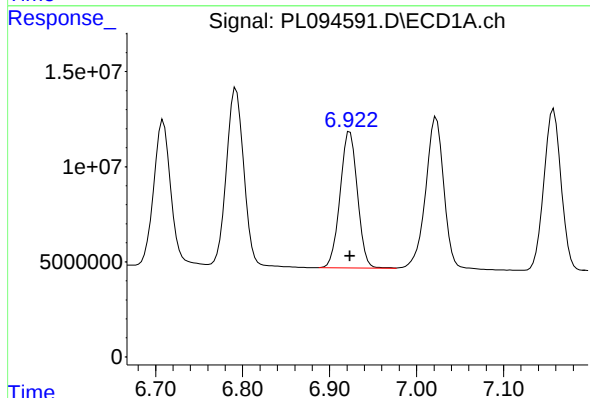
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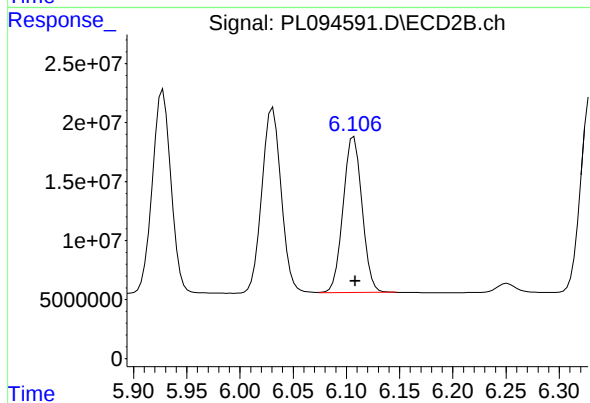
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 197548667
Conc: 48.99 ng/ml



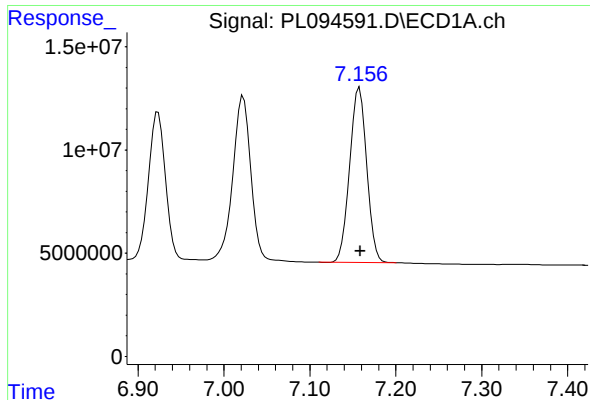
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 99578921
Conc: 47.17 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: -0.001 min
Response: 162691732
Conc: 48.34 ng/ml



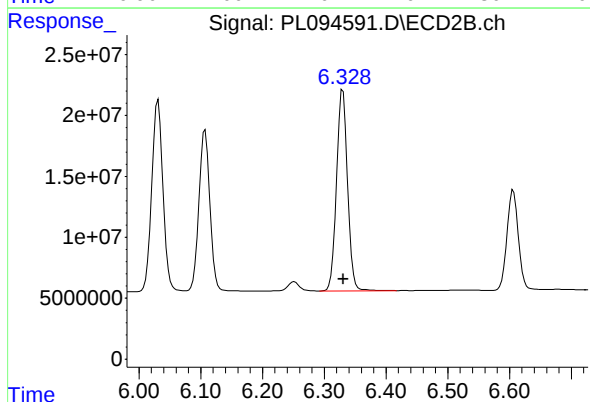
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 116403339
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BS

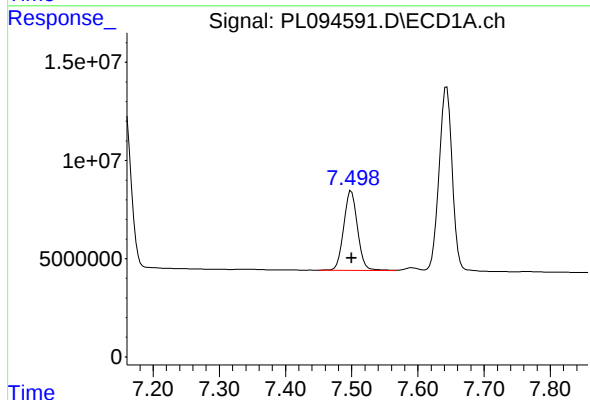
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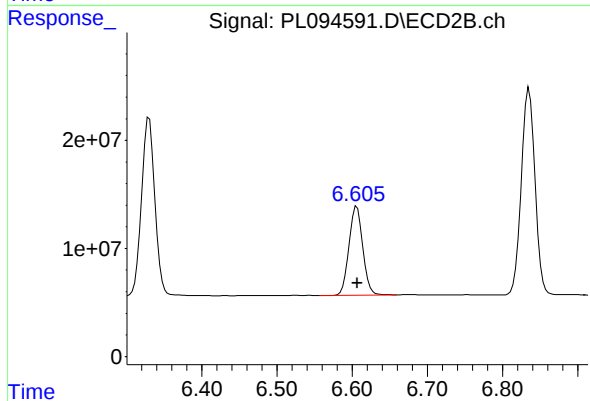
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.000 min
Response: 204536076
Conc: 50.21 ng/ml



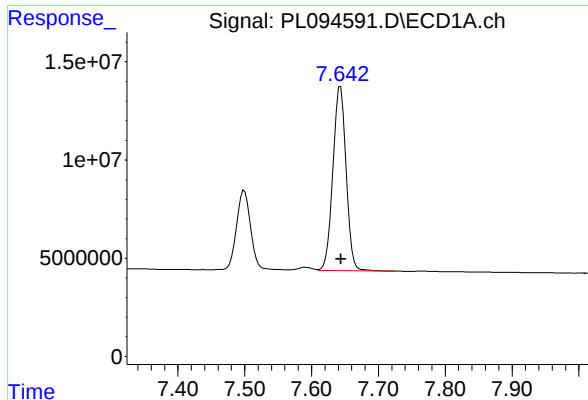
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 59059881
Conc: 49.34 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 104527046
Conc: 49.28 ng/ml



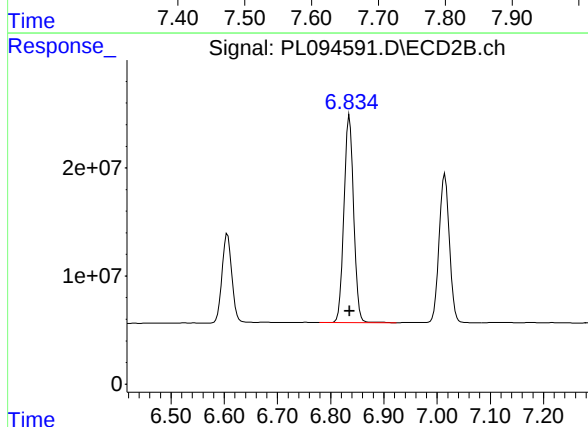
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 129472308
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BS

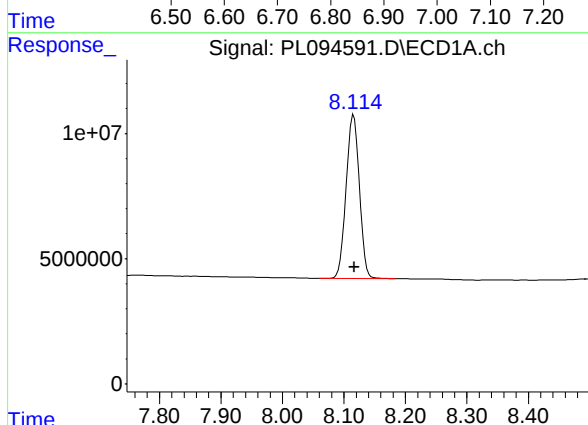
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/12/2025
Supervised By :Ankita Jodhani 03/12/2025



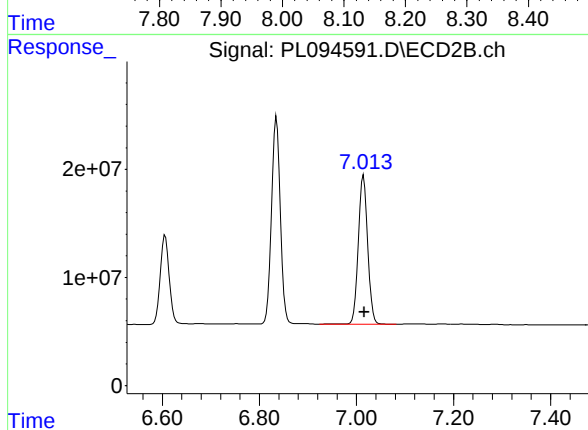
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.000 min
Response: 244219943
Conc: 51.17 ng/ml



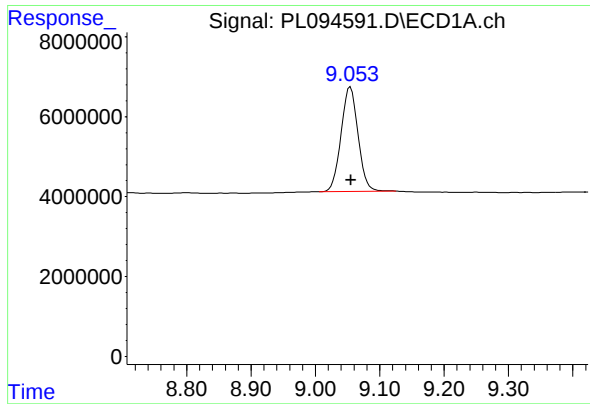
#22 Mirex

R.T.: 8.116 min
Delta R.T.: -0.001 min
Response: 97934964
Conc: 47.40 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: -0.001 min
Response: 185870129
Conc: 48.97 ng/ml



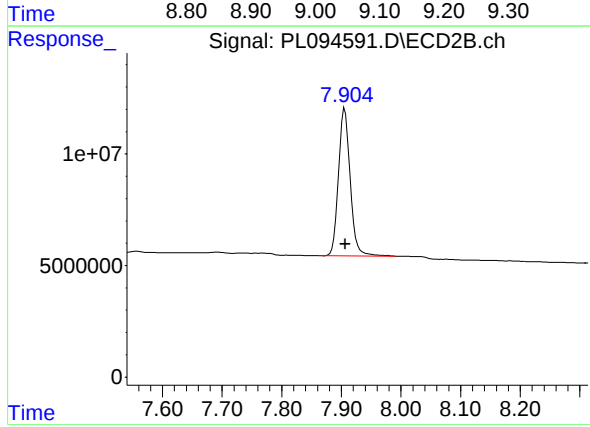
#28 Decachlorobiphenyl

R.T.: 9.054 min
Delta R.T.: -0.001 min
Response: 48036391
Conc: 22.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167076BS

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 90285577
Conc: 22.35 ng/ml