

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073124\
 Data File : PL090696.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2024 12:20
 Operator : AR\AJ
 Sample : PB162378BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162378BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/01/2024
 Supervised By :Ankita Jodhani 08/01/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 13:16:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 2024
 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...	3.548	2.789	41004140	34108809	19.693	20.267
28) SA Decachlor...	9.062	7.932	32060673	34199529	24.127	23.455
Target Compounds						
2) A alpha-BHC	4.004	3.293	145.8E6	125.4E6	49.151	51.890
3) MA gamma-BHC...	4.336	3.624	140.8E6	121.8E6	50.285	52.820
4) MA Heptachlor	4.925	3.964	125.9E6	113.2E6	49.467	51.296
5) MB Aldrin	5.267	4.244	127.6E6	116.5E6	51.084	54.737
6) B beta-BHC	4.532	3.922	65817584	51478859	51.885	49.873
7) B delta-BHC	4.779	4.151	134.2E6	118.3E6	50.058	53.761
8) B Heptachlo...	5.693	4.747	119.4E6	104.9E6	50.813	53.766
9) A Endosulfan I	6.078	5.117	108.0E6	97357820	50.481	53.237
10) B gamma-Chl...	5.948	4.997	115.7E6	105.9E6	49.761	52.217
11) B alpha-Chl...	6.028	5.061	115.2E6	106.0E6	50.179	52.464
12) B 4,4'-DDE	6.200	5.249	105.4E6	96073963	52.106	53.759
13) MA Dieldrin	6.353	5.381	114.2E6	104.5E6	51.401	53.306
14) MA Endrin	6.582	5.656	94729941	86791694	51.528	50.428
15) B Endosulfa...	6.801	5.950	103.7E6	90862212	52.726	53.186
16) A 4,4'-DDD	6.717	5.804	92511191	83883889	54.799	55.987
17) MA 4,4'-DDT	7.029	6.055	87148021	77302263	51.772m	52.760
18) B Endrin al...	6.931	6.130	82749664	73205154	55.776	56.030
19) B Endosulfa...	7.165	6.352	94251270	88302200	53.667	54.761
20) A Methoxychlor	7.505	6.630	46900269	42733383	53.120m	52.852
21) B Endrin ke...	7.650	6.859	107.1E6	105.0E6	56.084	57.464
22) Mirex	8.124	7.040	77326174	79938104	54.600	53.773

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073124\
Data File : PL090696.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2024 12:20
Operator : AR\AJ
Sample : PB162378BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB162378BS

Manual Integrations

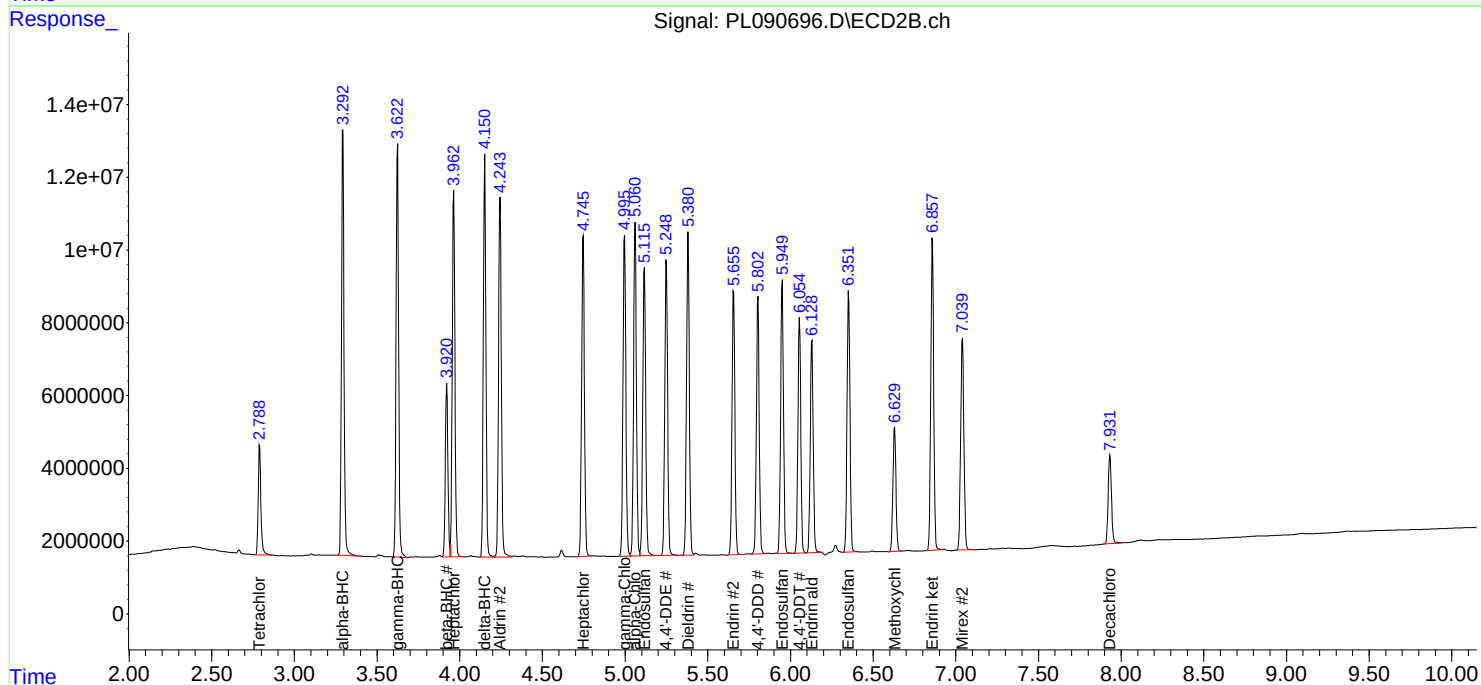
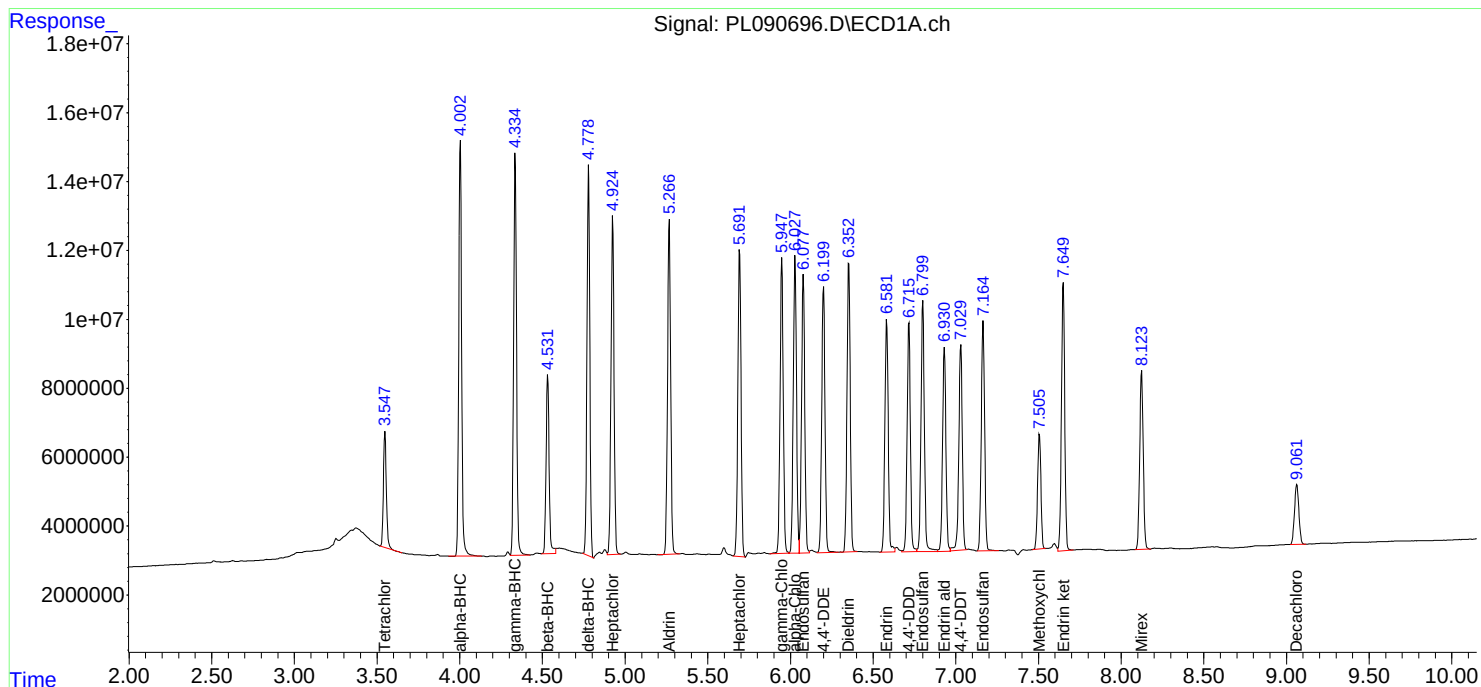
APPROVED

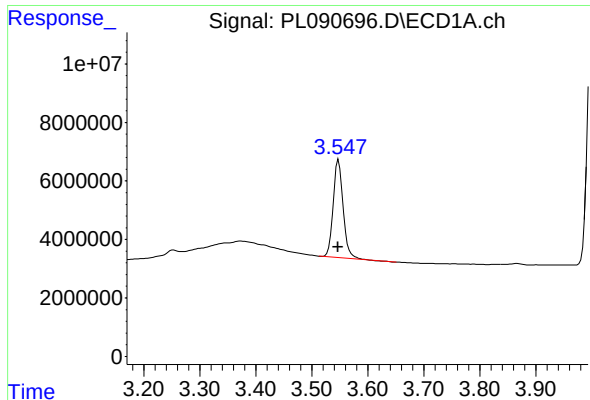
Reviewed By :Abdul Mirza 08/01/2024

Supervised By :Ankita Jodhani 08/01/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 13:16:00 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 2024
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





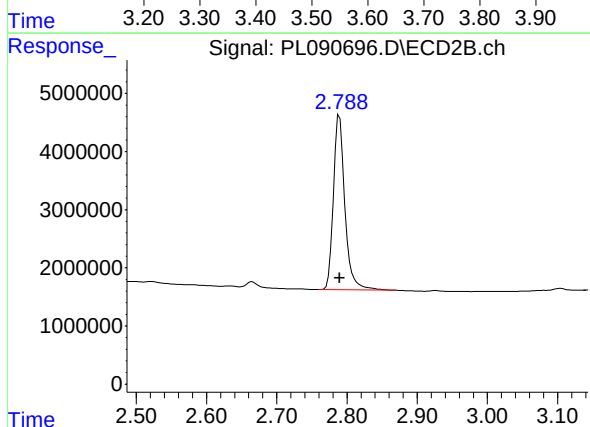
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 41004140
Conc: 19.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162378BS

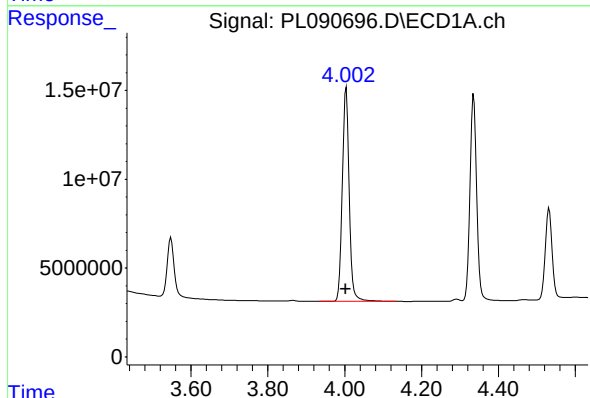
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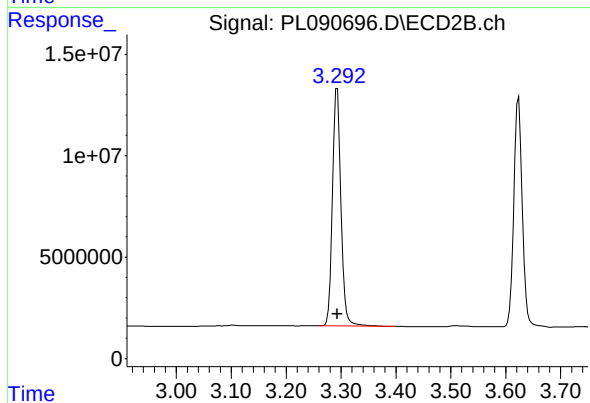
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: 0.000 min
Response: 34108809
Conc: 20.27 ng/ml



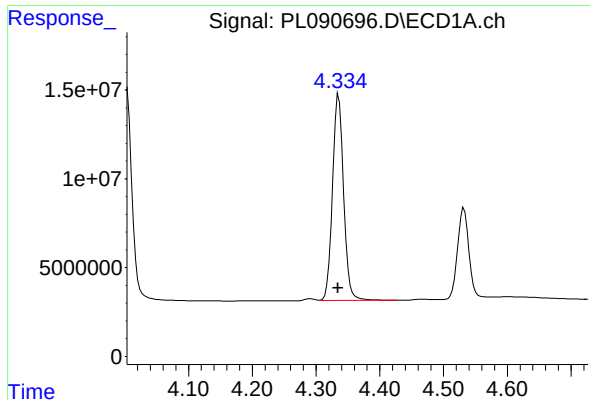
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.001 min
Response: 145848622
Conc: 49.15 ng/ml



#2 alpha-BHC

R.T.: 3.293 min
Delta R.T.: 0.000 min
Response: 125371470
Conc: 51.89 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.001 min
Response: 140821432
Conc: 50.29 ng/ml

Instrument :

ECD_L

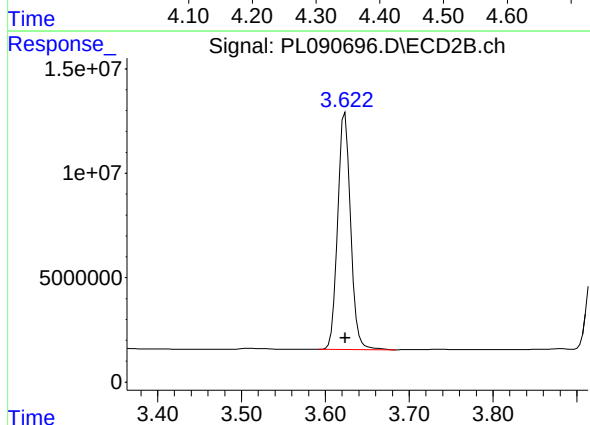
ClientSampleId :

PB162378BS

Manual Integrations

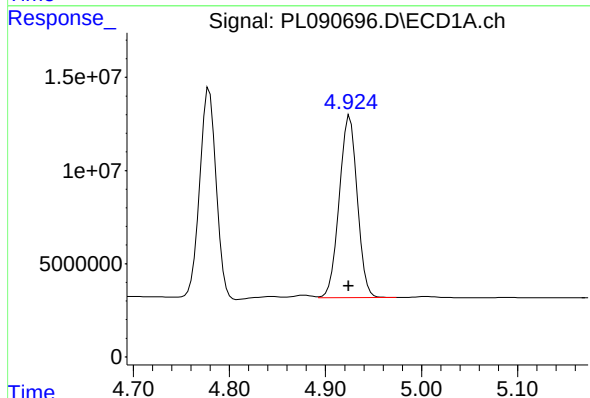
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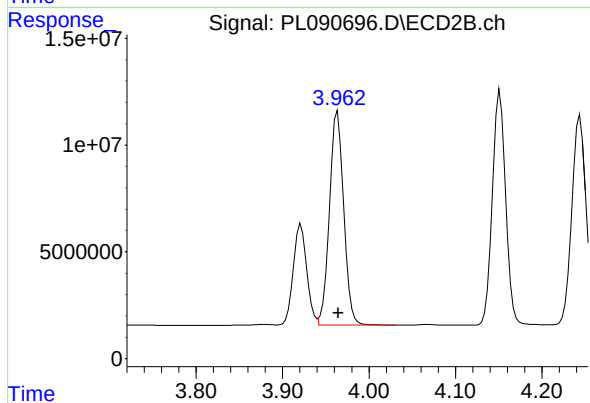
#3 gamma-BHC (Lindane)

R.T.: 3.624 min
Delta R.T.: 0.000 min
Response: 121800734
Conc: 52.82 ng/ml



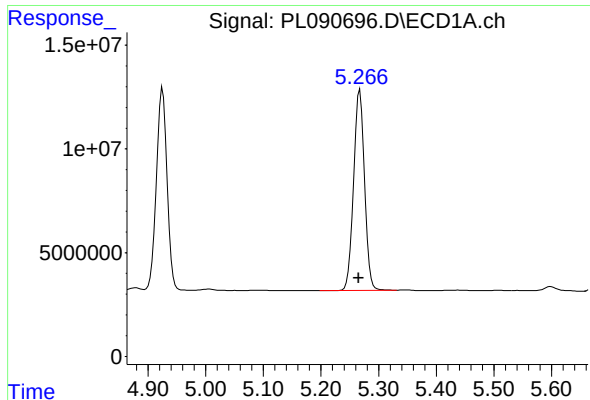
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.001 min
Response: 125895528
Conc: 49.47 ng/ml



#4 Heptachlor

R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 113162066
Conc: 51.30 ng/ml



#5 Aldrin

R.T.: 5.267 min
Delta R.T.: 0.002 min
Response: 127627971
Conc: 51.08 ng/ml

Instrument :

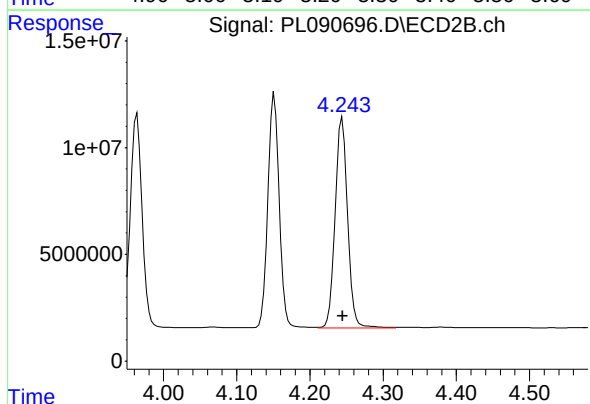
ECD_L

ClientSampleId :

PB162378BS

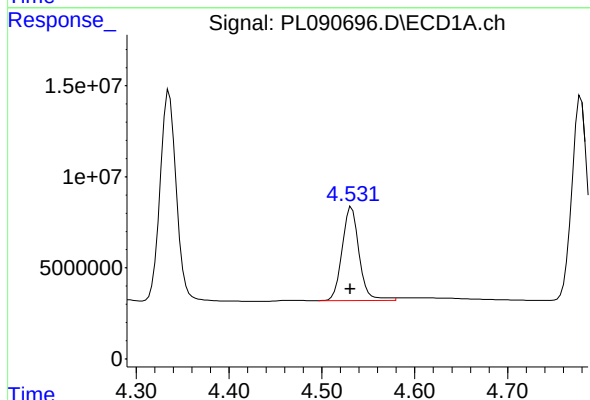
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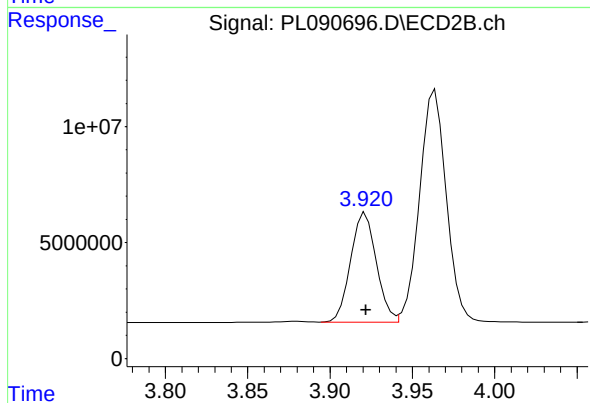
#5 Aldrin

R.T.: 4.244 min
Delta R.T.: 0.000 min
Response: 116451614
Conc: 54.74 ng/ml



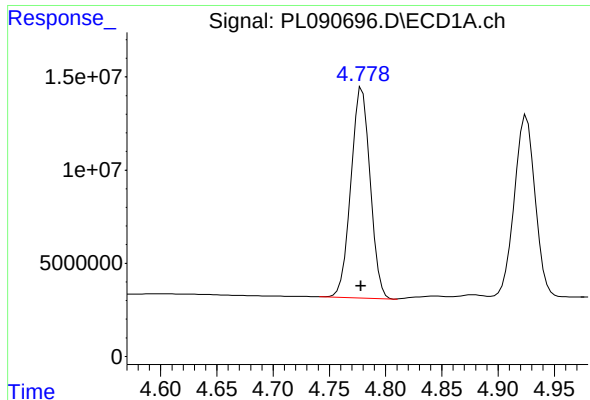
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.001 min
Response: 65817584
Conc: 51.89 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 51478859
Conc: 49.87 ng/ml



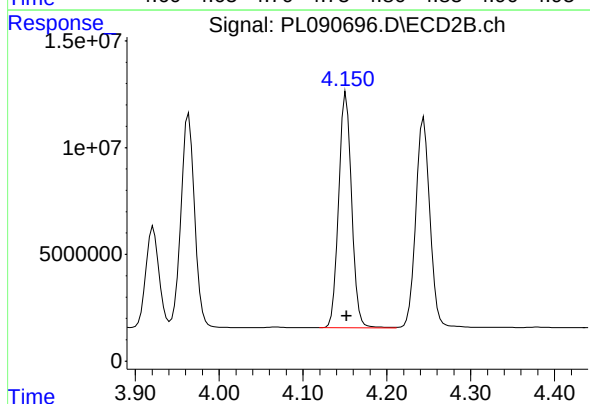
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 134207314
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162378BS

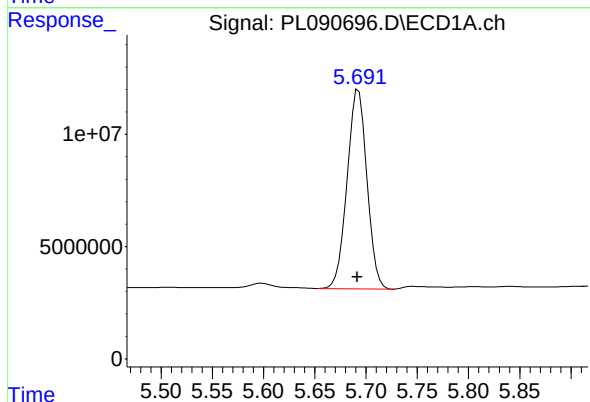
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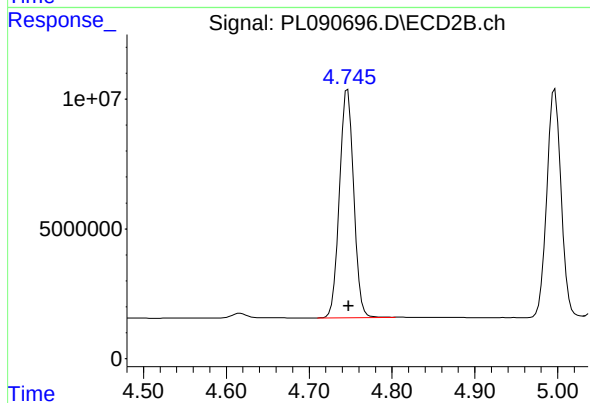
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: 0.000 min
Response: 118261089
Conc: 53.76 ng/ml



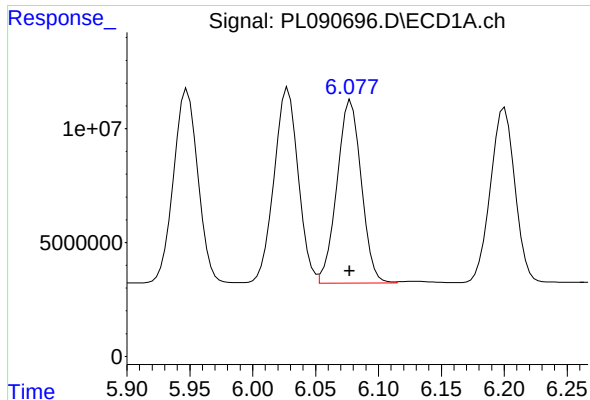
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.001 min
Response: 119431198
Conc: 50.81 ng/ml



#8 Heptachlor epoxide

R.T.: 4.747 min
Delta R.T.: -0.001 min
Response: 104864518
Conc: 53.77 ng/ml



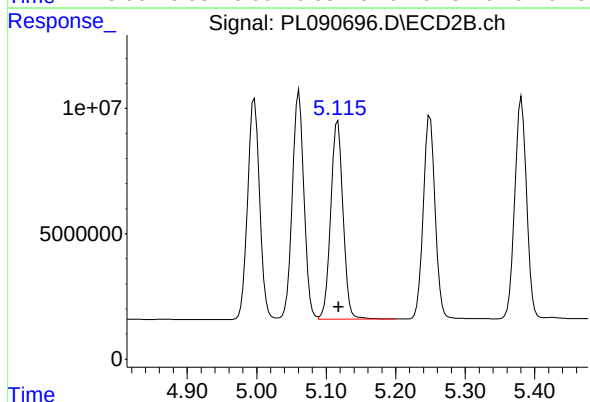
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.001 min
Response: 107964367
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162378BS

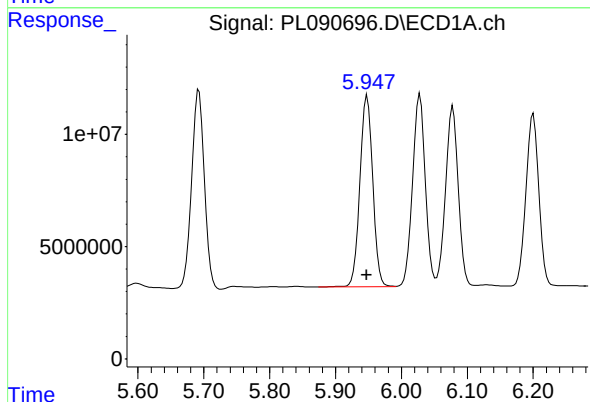
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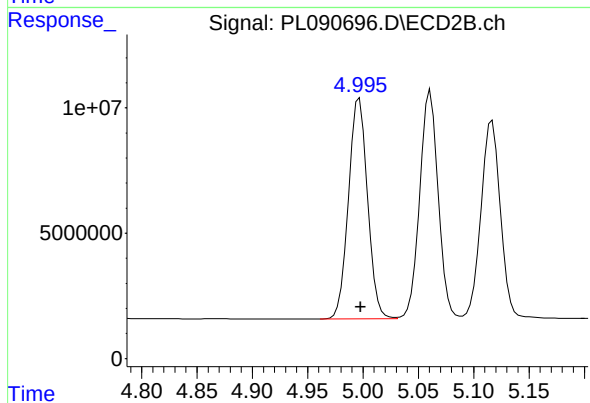
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: 0.000 min
Response: 97357820
Conc: 53.24 ng/ml



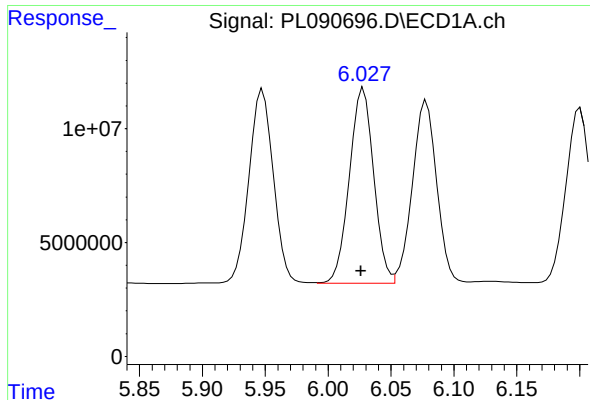
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 115695514
Conc: 49.76 ng/ml



#10 gamma-Chlordane

R.T.: 4.997 min
Delta R.T.: -0.001 min
Response: 105865816
Conc: 52.22 ng/ml



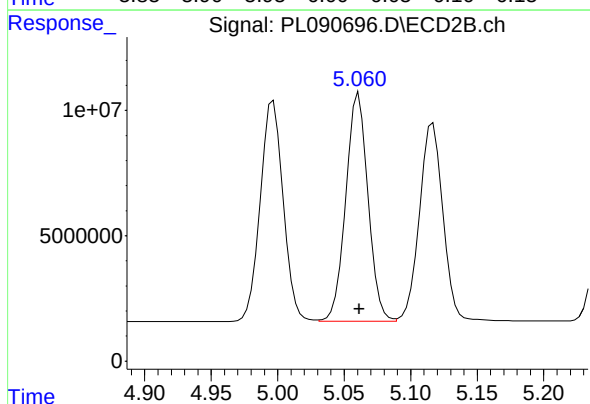
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.002 min
Response: 115197628
Conc: 50.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162378BS

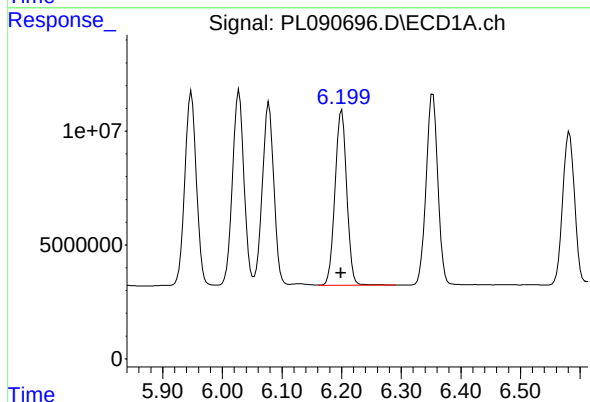
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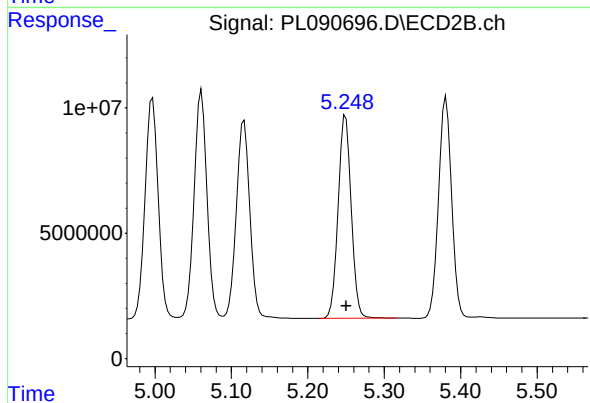
#11 alpha-Chlordane

R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 106008685
Conc: 52.46 ng/ml



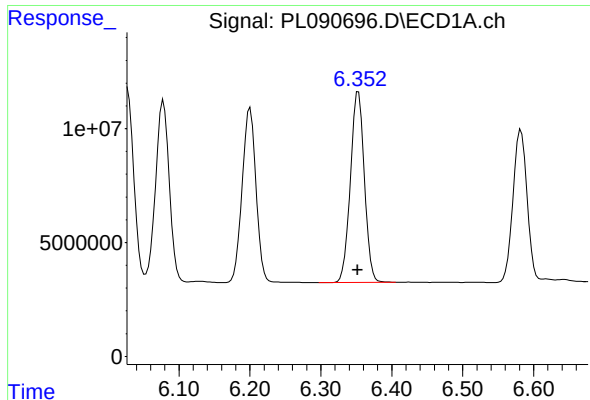
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.001 min
Response: 105359615
Conc: 52.11 ng/ml



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.001 min
Response: 96073963
Conc: 53.76 ng/ml



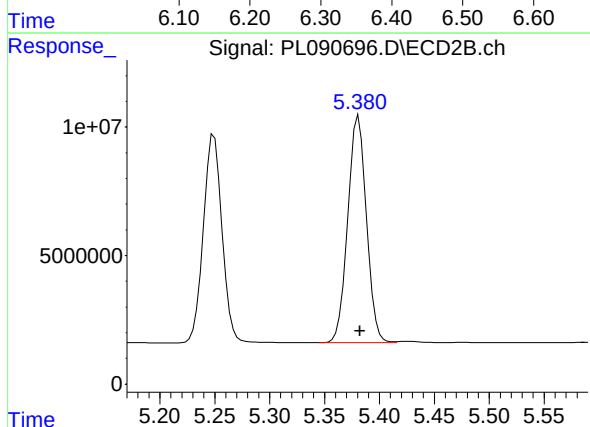
#13 Dieldrin

R.T.: 6.353 min
Delta R.T.: 0.001 min
Response: 114202540
Conc: 51.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162378BS

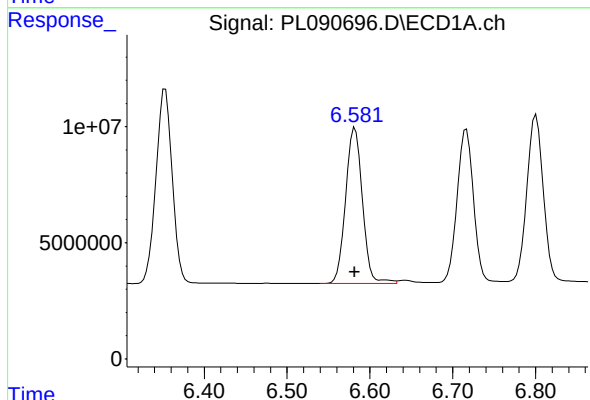
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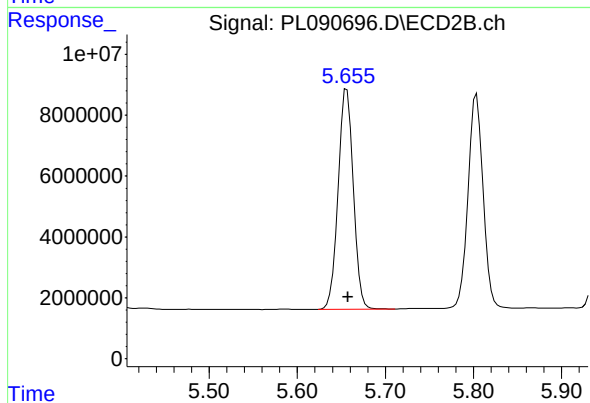
#13 Dieldrin

R.T.: 5.381 min
Delta R.T.: -0.001 min
Response: 104529197
Conc: 53.31 ng/ml



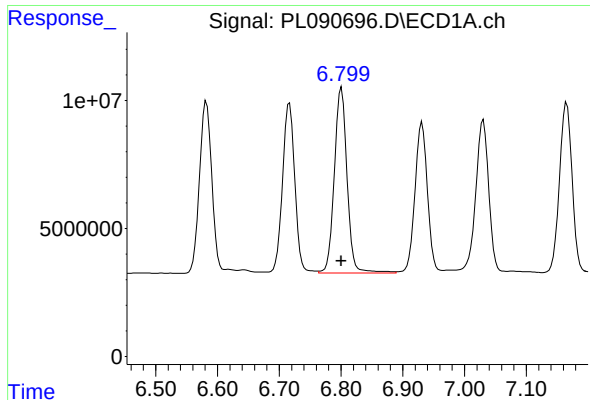
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 94729941
Conc: 51.53 ng/ml



#14 Endrin

R.T.: 5.656 min
Delta R.T.: -0.001 min
Response: 86791694
Conc: 50.43 ng/ml



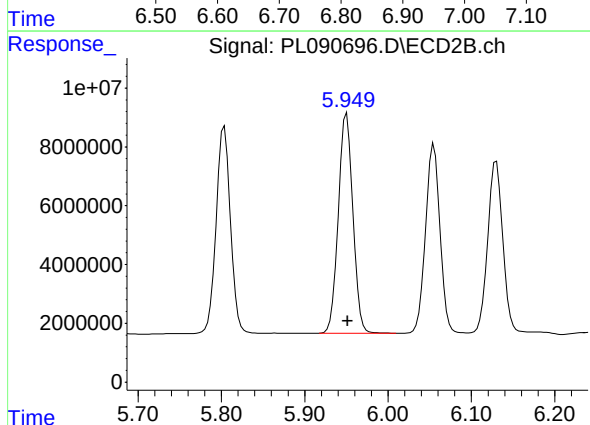
#15 Endosulfan II

R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 103704169
Conc: 52.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162378BS

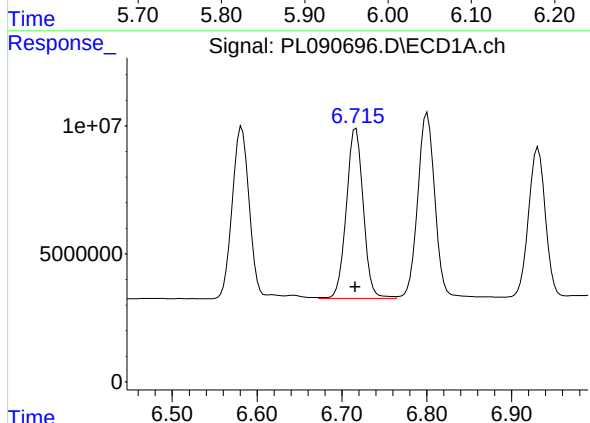
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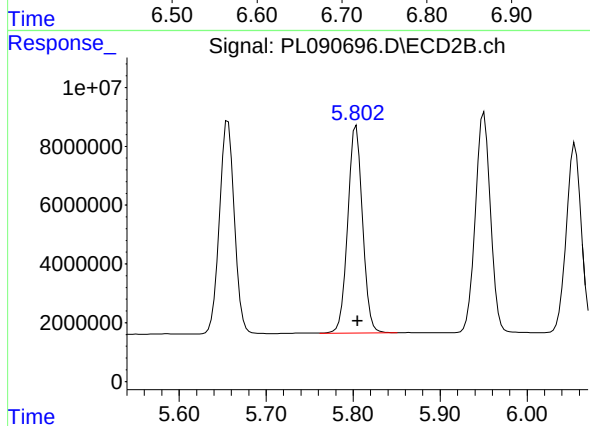
#15 Endosulfan II

R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 90862212
Conc: 53.19 ng/ml



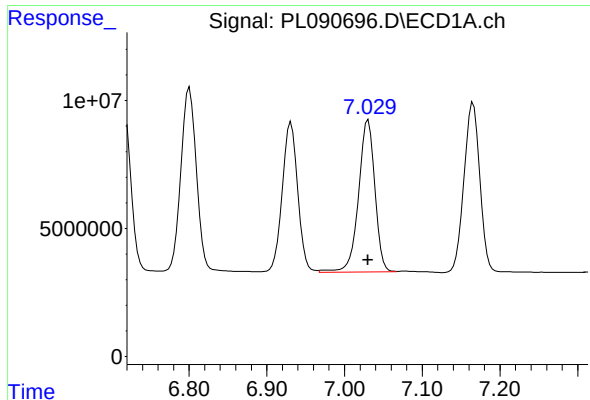
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 92511191
Conc: 54.80 ng/ml



#16 4,4'-DDD

R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 83883889
Conc: 55.99 ng/ml



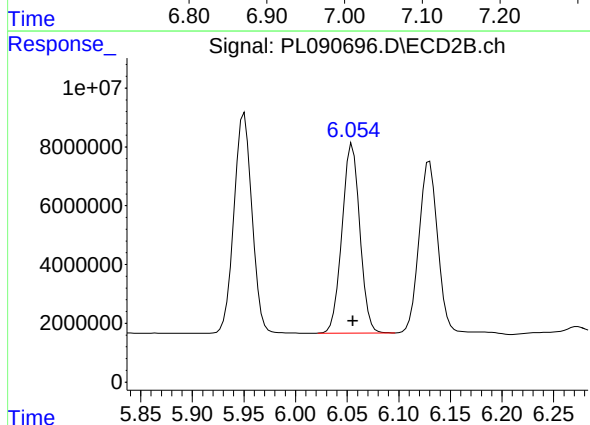
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: -0.001 min
Response: 87148021
Conc: 51.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162378BS

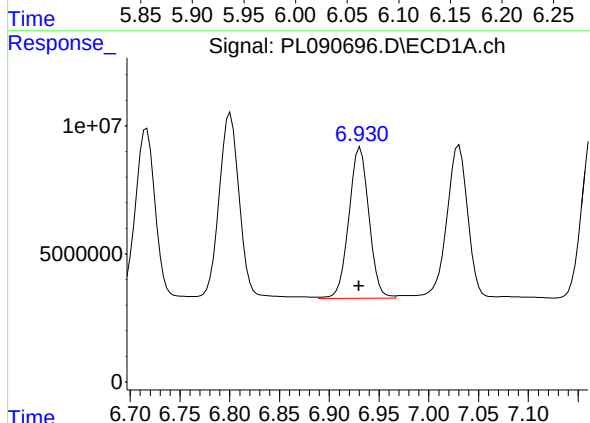
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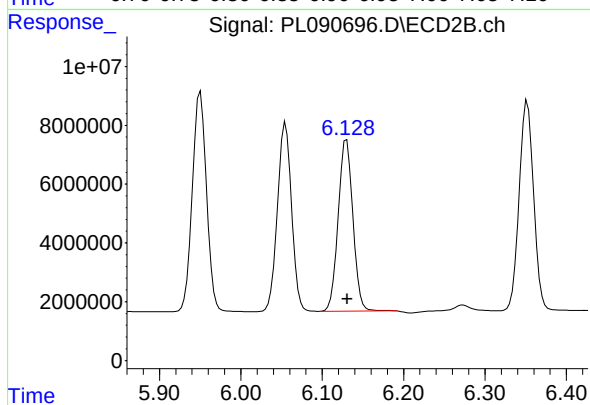
#17 4,4'-DDT

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 77302263
Conc: 52.76 ng/ml



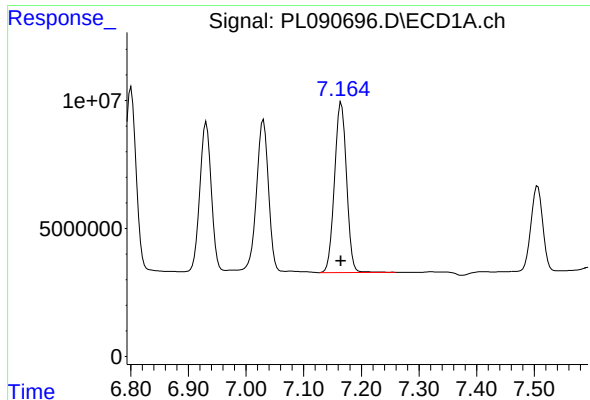
#18 Endrin aldehyde

R.T.: 6.931 min
Delta R.T.: 0.001 min
Response: 82749664
Conc: 55.78 ng/ml



#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 73205154
Conc: 56.03 ng/ml



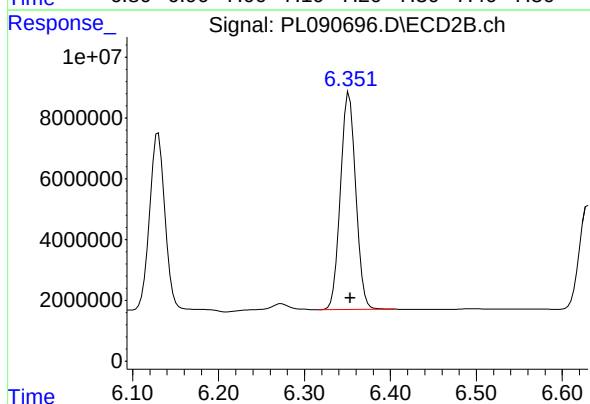
#19 Endosulfan Sulfate

R.T.: 7.165 min
Delta R.T.: 0.001 min
Response: 94251270
Conc: 53.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162378BS

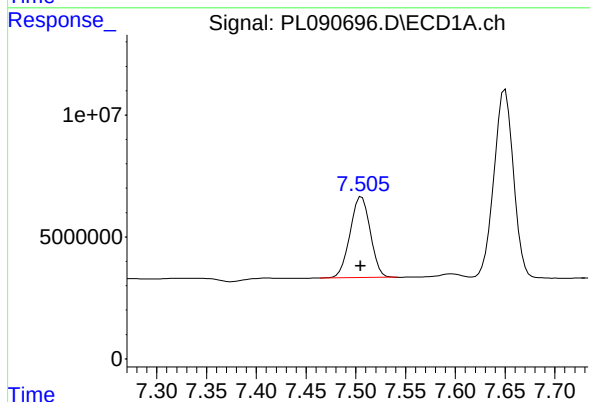
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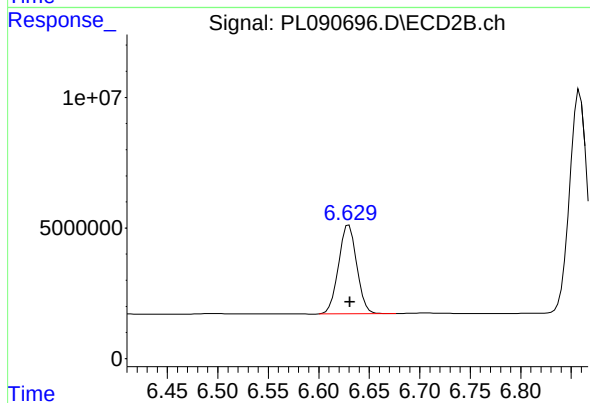
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: -0.001 min
Response: 88302200
Conc: 54.76 ng/ml



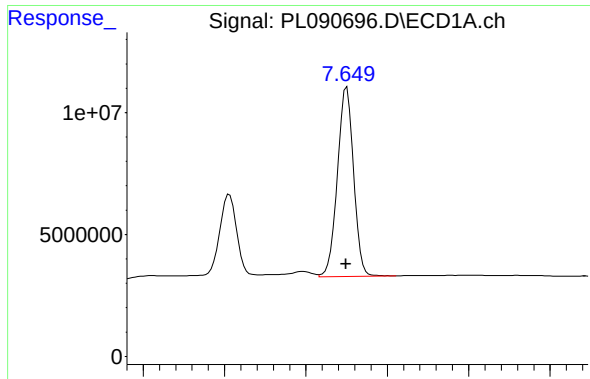
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 46900269
Conc: 53.12 ng/ml m



#20 Methoxychlor

R.T.: 6.630 min
Delta R.T.: -0.001 min
Response: 42733383
Conc: 52.85 ng/ml



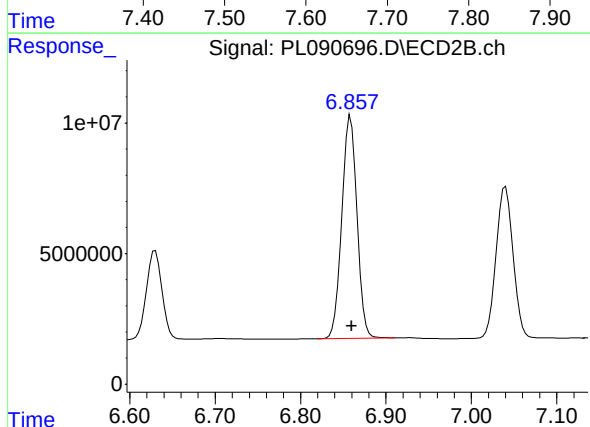
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 107065086
Conc: 56.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162378BS

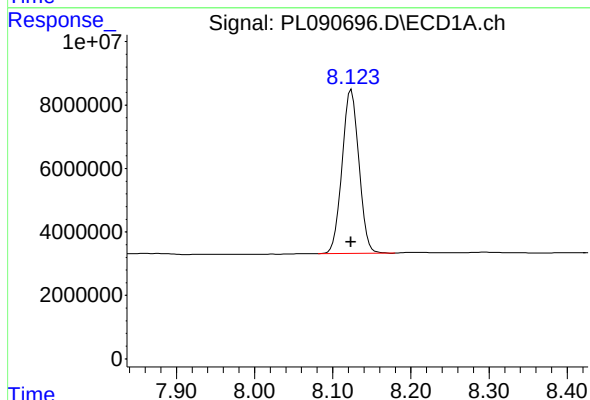
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Reviewed By :Abdul Mirza 08/01/2024
Supervised By :Ankita Jodhani 08/01/2024



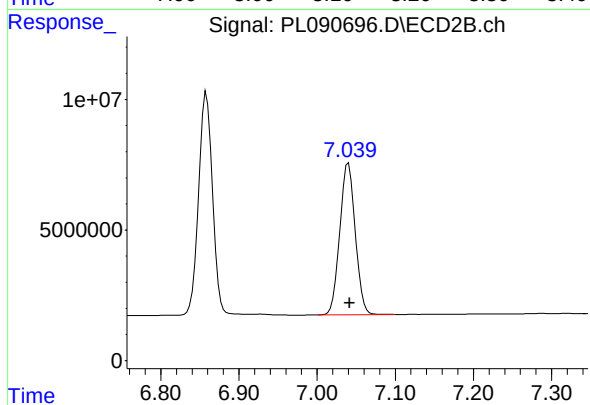
#21 Endrin ketone

R.T.: 6.859 min
Delta R.T.: -0.001 min
Response: 105016036
Conc: 57.46 ng/ml



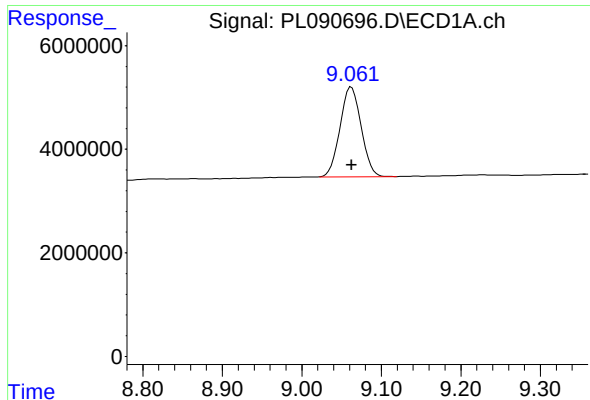
#22 Mirex

R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 77326174
Conc: 54.60 ng/ml



#22 Mirex

R.T.: 7.040 min
Delta R.T.: -0.002 min
Response: 79938104
Conc: 53.77 ng/ml



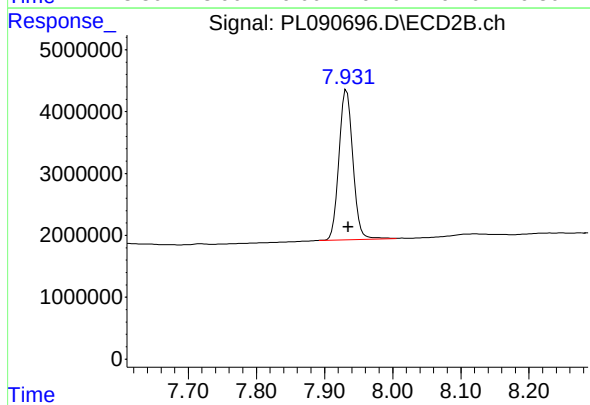
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 32060673
Conc: 24.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162378BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/01/2024
Supervised By :Ankita Jodhani 08/01/2024



#28 Decachlorobiphenyl

R.T.: 7.932 min
Delta R.T.: -0.002 min
Response: 34199529
Conc: 23.45 ng/ml