

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073124\
 Data File : PL090711.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2024 16:53
 Operator : AR\AJ
 Sample : PB162404BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162404BS

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: Aug 01 01:36:48 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...	3.546	2.788	42605911	34523479	20.462	20.513
28) SA Decachlor...	9.060	7.931	29759918	34228501	22.395	23.475
Target Compounds						
2) A alpha-BHC	4.001	3.291	141.2E6	125.8E6	47.568m	52.053
3) MA gamma-BHC...	4.335	3.622	136.3E6	121.5E6	48.674	52.684
4) MA Heptachlor	4.924	3.962	121.2E6	111.6E6	47.625	50.608
5) MB Aldrin	5.265	4.242	124.3E6	116.2E6	49.769	54.610
6) B beta-BHC	4.530	3.920	63899388	51388417	50.373	49.785
7) B delta-BHC	4.778	4.150	130.7E6	118.0E6	48.748	53.656
8) B Heptachlo...	5.691	4.745	116.1E6	104.5E6	49.403	53.585
9) A Endosulfan I	6.076	5.115	103.6E6	96571676	48.439	52.807
10) B gamma-Chl...	5.945	4.995	110.2E6	105.3E6	47.389m	51.952
11) B alpha-Chl...	6.025	5.059	110.5E6	105.2E6	48.154	52.086
12) B 4,4'-DDE	6.199	5.247	99858615	96063927	49.386	53.753m
13) MA Dieldrin	6.350	5.380	109.7E6	103.7E6	49.380m	52.877
14) MA Endrin	6.579	5.655	87220836	84219972	47.443m	48.933
15) B Endosulfa...	6.798	5.949	95424781	89708361	48.516m	52.510
16) A 4,4'-DDD	6.714	5.802	88956375	85486668	52.693	57.057
17) MA 4,4'-DDT	7.027	6.053	78954174	73843405	46.905m	50.400
18) B Endrin al...	6.927	6.128	77645374	72814239	52.336m	55.730
19) B Endosulfa...	7.162	6.351	90946120	86979375	51.785m	53.941
20) A Methoxychlor	7.503	6.627	44295257	41782009	50.170m	51.675m
21) B Endrin ke...	7.646	6.857	103.0E6	104.0E6	53.962m	56.908
22) Mirex	8.122	7.038	75605426	78600446	53.385	52.873

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073124\
Data File : PL090711.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2024 16:53
Operator : AR\AJ
Sample : PB162404BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB162404BS

Manual Integrations

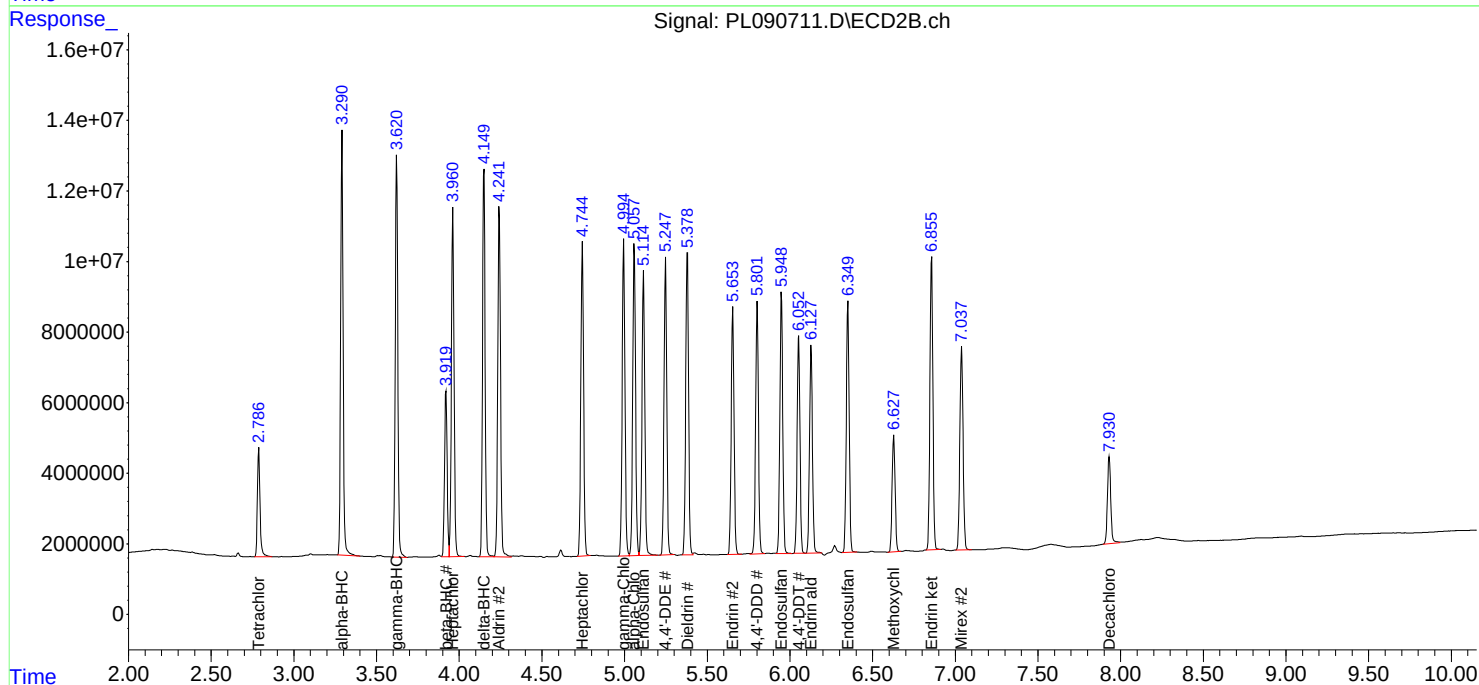
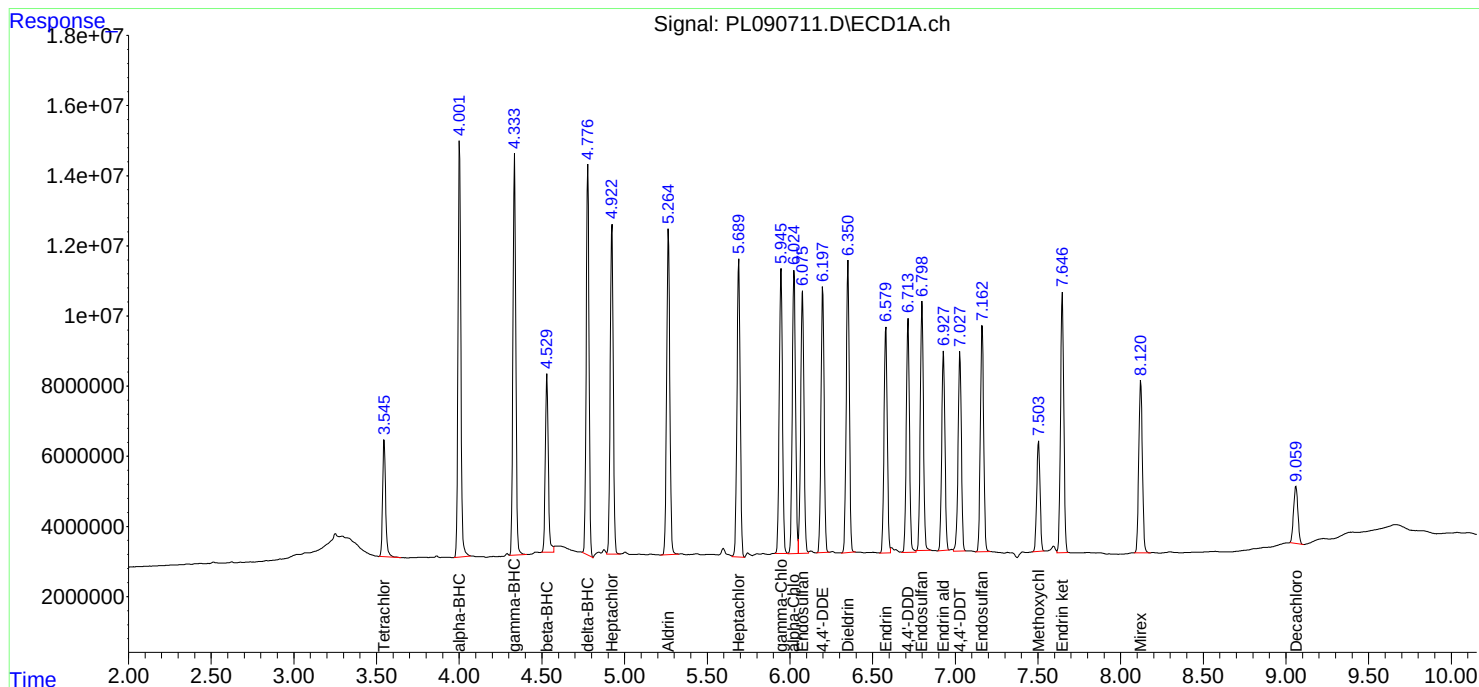
APPROVED

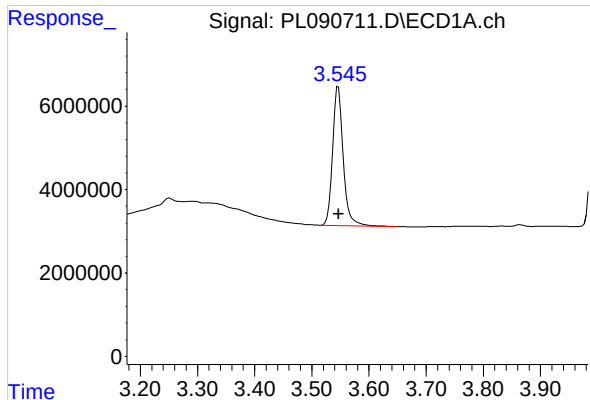
Reviewed By :Abdul Mirza 08/01/2024

Supervised By :Ankita Jodhani 08/01/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 01:36:48 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





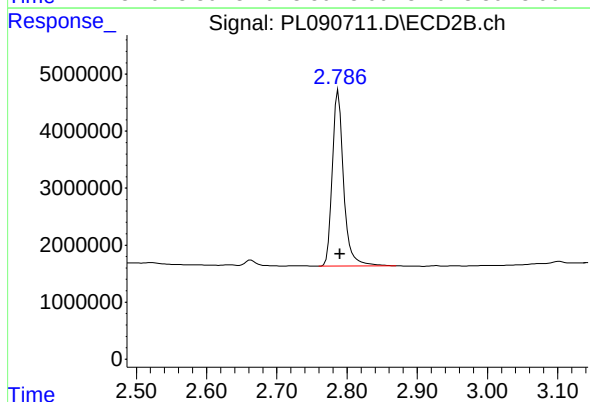
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 42605911
Conc: 20.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162404BS

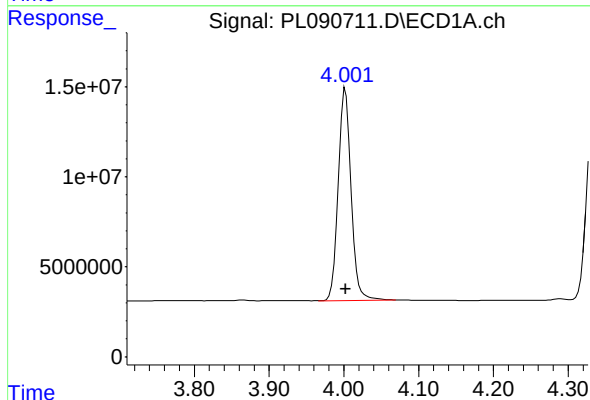
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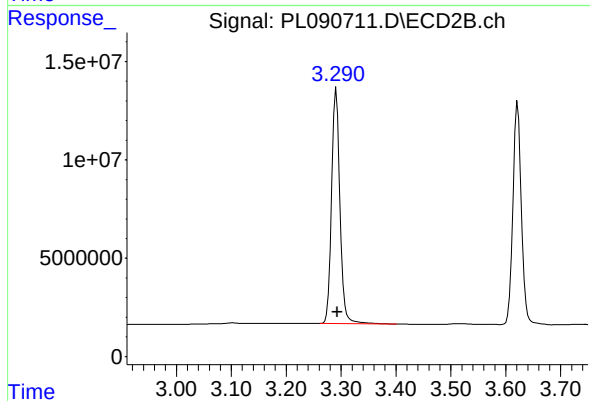
#1 Tetrachloro-m-xylene

R.T.: 2.788 min
Delta R.T.: -0.002 min
Response: 34523479
Conc: 20.51 ng/ml



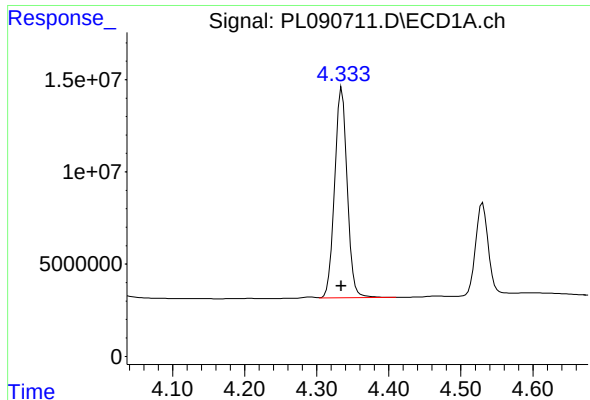
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: -0.002 min
Response: 141152592
Conc: 47.57 ng/ml m



#2 alpha-BHC

R.T.: 3.291 min
Delta R.T.: -0.002 min
Response: 125766309
Conc: 52.05 ng/ml



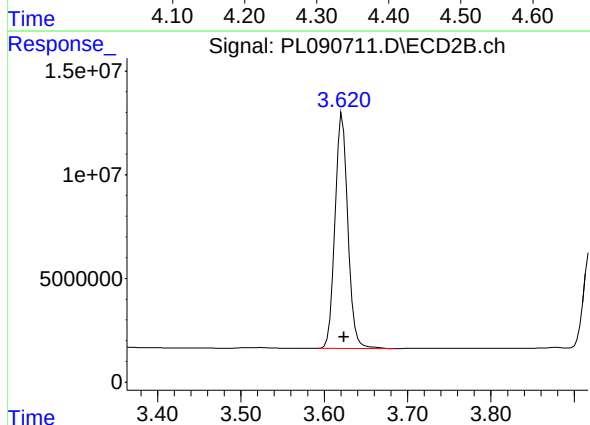
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 136310269
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162404BS

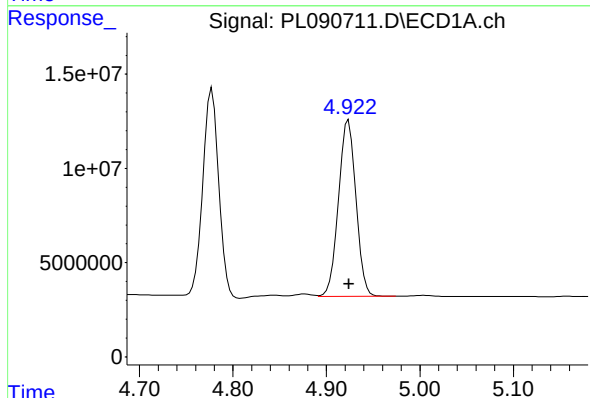
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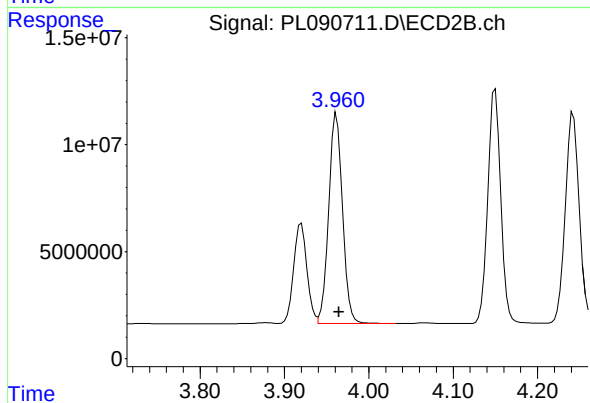
#3 gamma-BHC (Lindane)

R.T.: 3.622 min
Delta R.T.: -0.002 min
Response: 121487876
Conc: 52.68 ng/ml



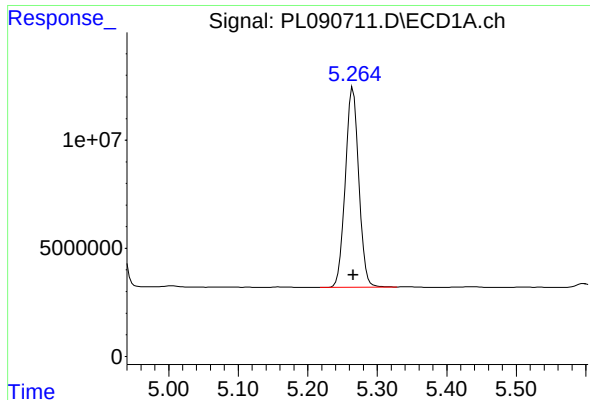
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 121208546
Conc: 47.63 ng/ml



#4 Heptachlor

R.T.: 3.962 min
Delta R.T.: -0.003 min
Response: 111644829
Conc: 50.61 ng/ml



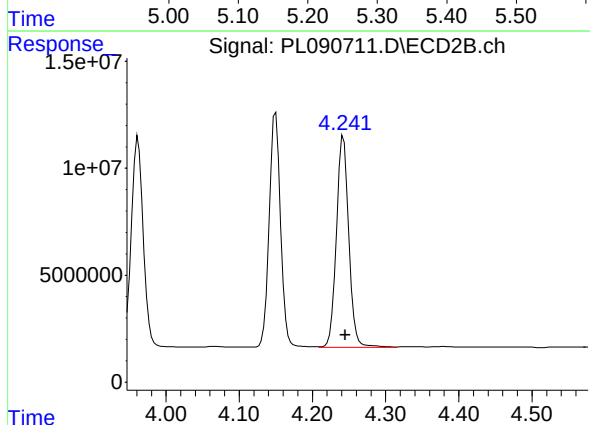
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 124341655
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162404BS

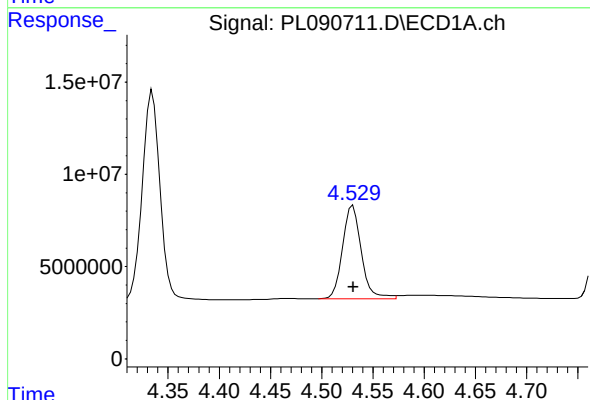
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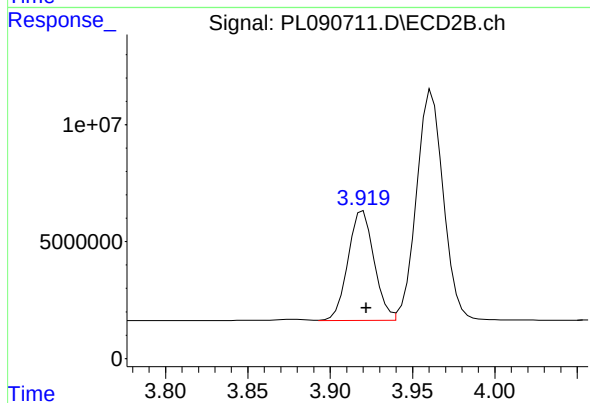
#5 Aldrin

R.T.: 4.242 min
Delta R.T.: -0.003 min
Response: 116182609
Conc: 54.61 ng/ml



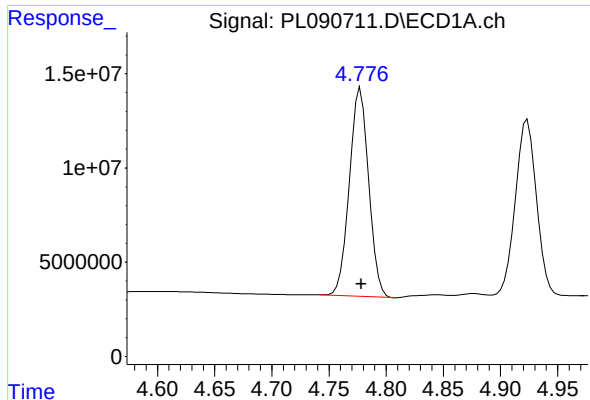
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 63899388
Conc: 50.37 ng/ml



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 51388417
Conc: 49.79 ng/ml



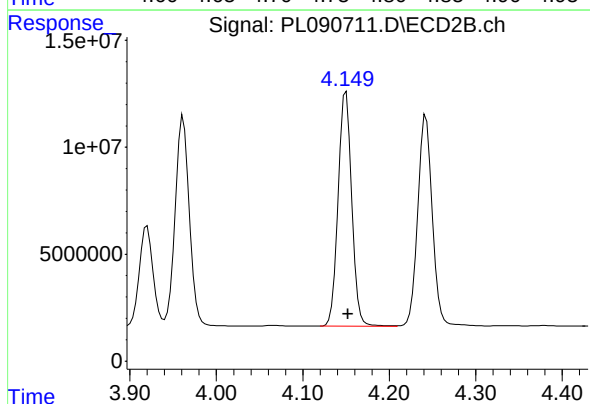
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.000 min
Response: 130696885
Conc: 48.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162404BS

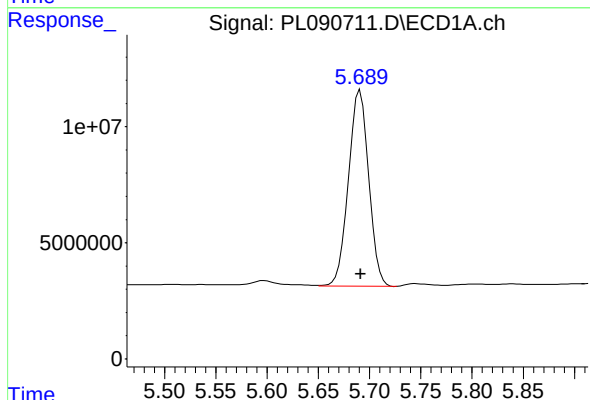
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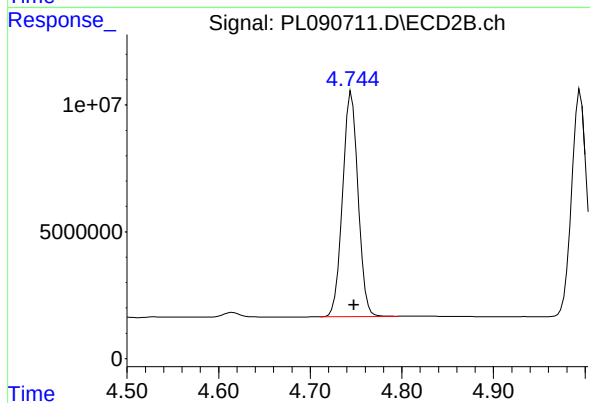
#7 delta-BHC

R.T.: 4.150 min
Delta R.T.: -0.002 min
Response: 118029020
Conc: 53.66 ng/ml



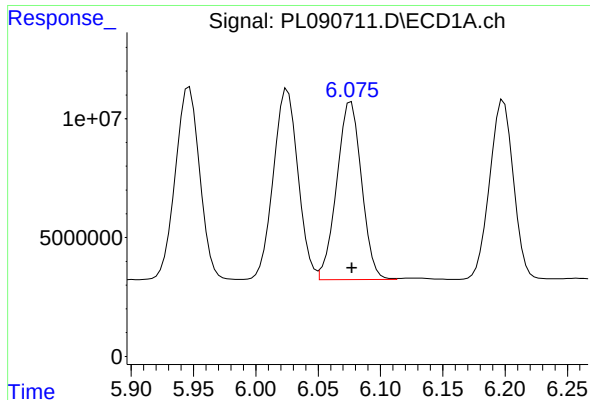
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 116115425
Conc: 49.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.745 min
Delta R.T.: -0.003 min
Response: 104512036
Conc: 53.59 ng/ml



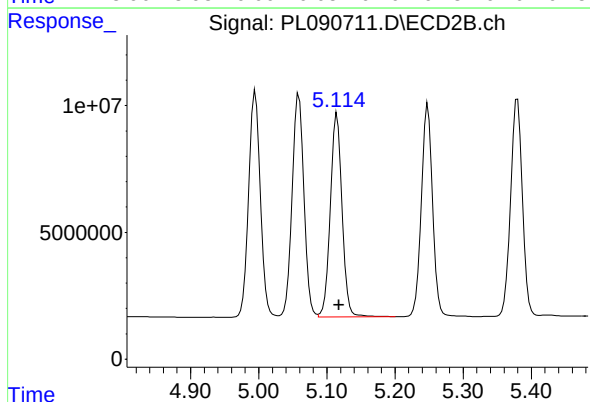
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 103597057
Conc: 48.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162404BS

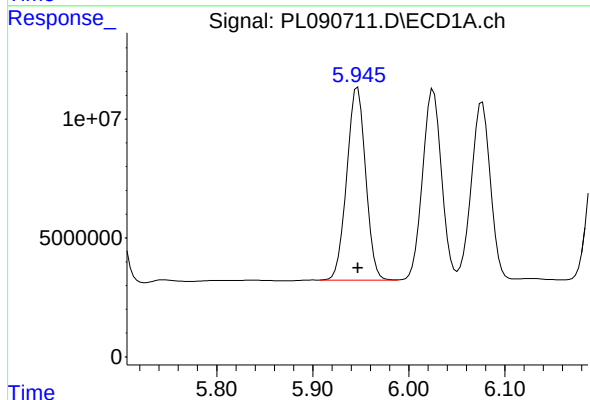
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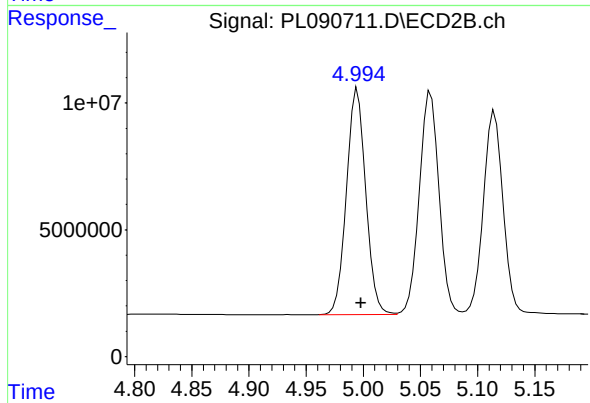
#9 Endosulfan I

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 96571676
Conc: 52.81 ng/ml



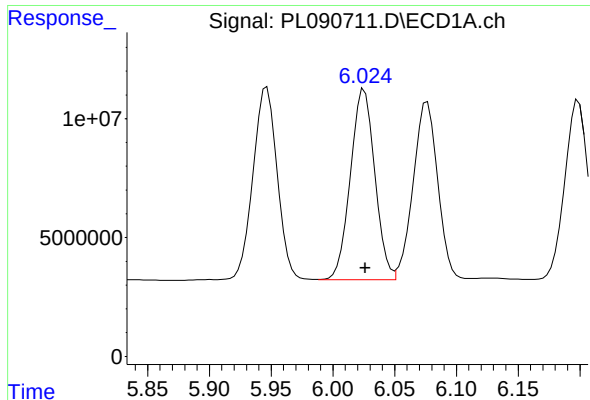
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 110180558
Conc: 47.39 ng/ml m



#10 gamma-Chlordane

R.T.: 4.995 min
Delta R.T.: -0.003 min
Response: 105329343
Conc: 51.95 ng/ml



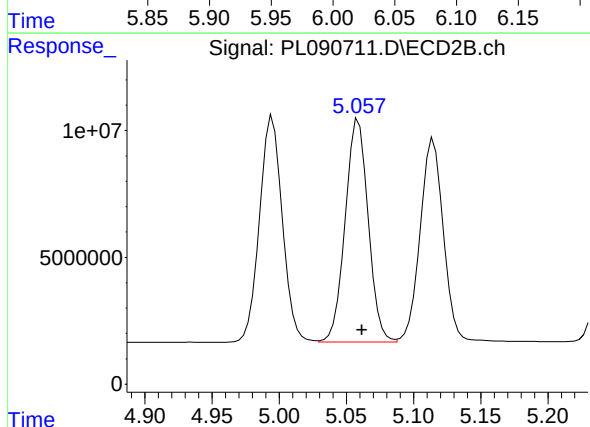
#11 alpha-Chlordane

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 110546803
Conc: 48.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162404BS

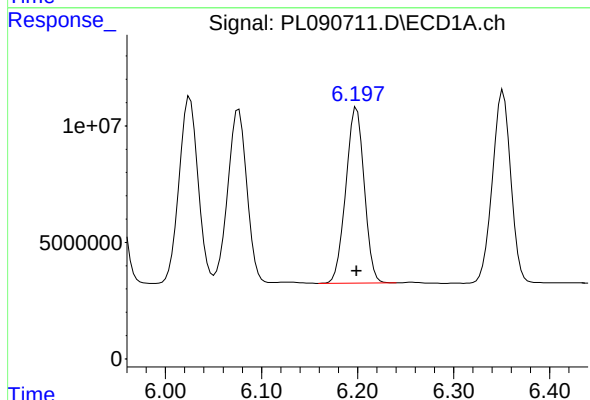
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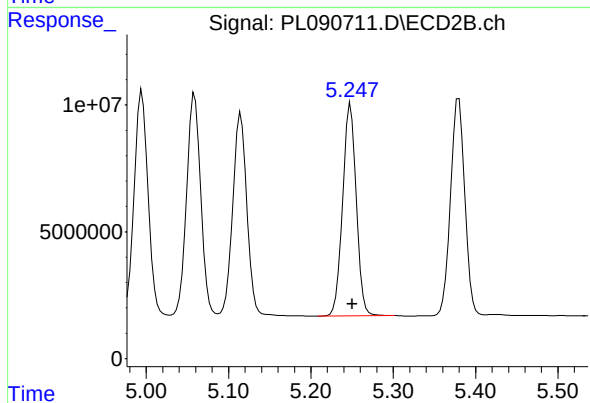
#11 alpha-Chlordane

R.T.: 5.059 min
Delta R.T.: -0.003 min
Response: 105245342
Conc: 52.09 ng/ml



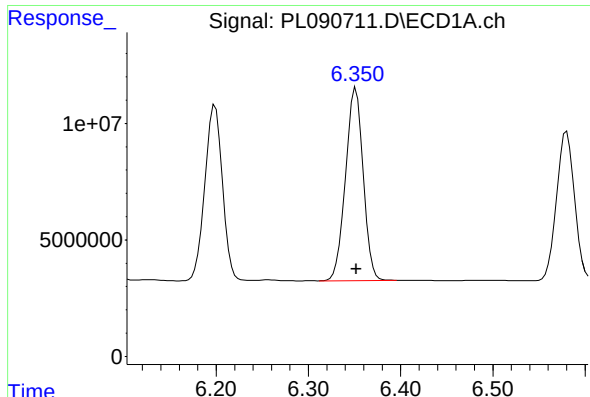
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 99858615
Conc: 49.39 ng/ml



#12 4,4'-DDE

R.T.: 5.247 min
Delta R.T.: -0.004 min
Response: 96063927
Conc: 53.75 ng/ml m



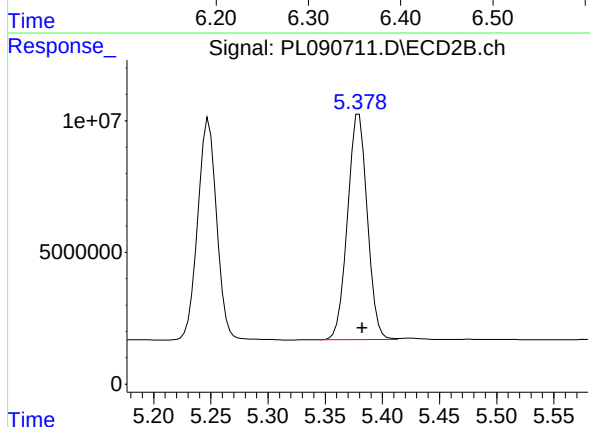
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: -0.002 min
Response: 109713292
Conc: 49.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162404BS

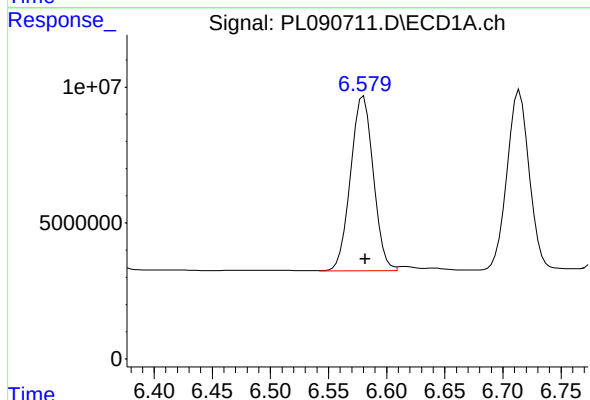
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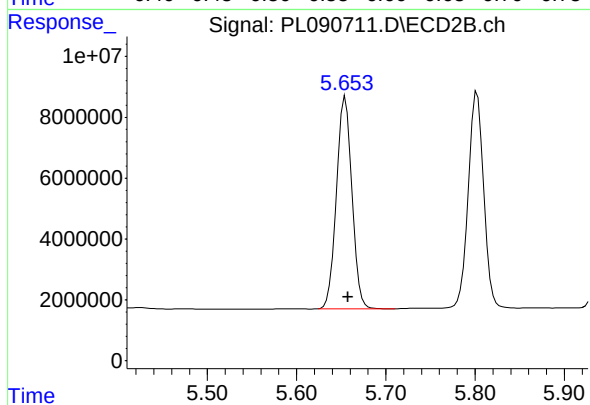
#13 Dieldrin

R.T.: 5.380 min
Delta R.T.: -0.003 min
Response: 103688314
Conc: 52.88 ng/ml



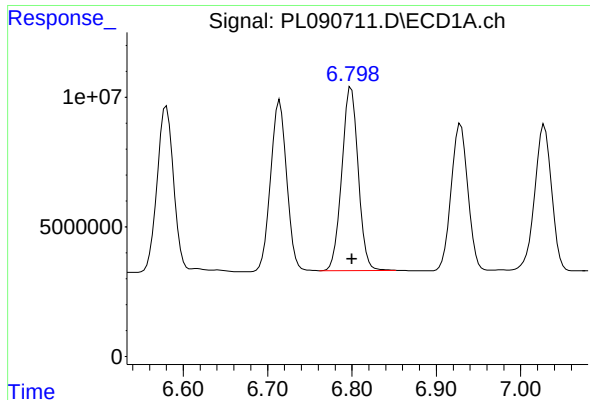
#14 Endrin

R.T.: 6.579 min
Delta R.T.: -0.003 min
Response: 87220836
Conc: 47.44 ng/ml m



#14 Endrin

R.T.: 5.655 min
Delta R.T.: -0.003 min
Response: 84219972
Conc: 48.93 ng/ml



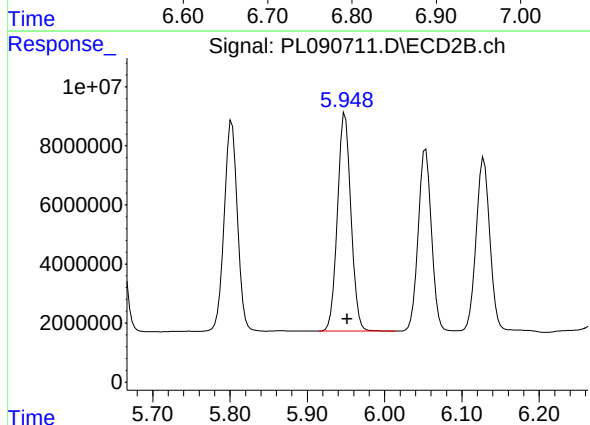
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: -0.003 min
Response: 95424781
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162404BS

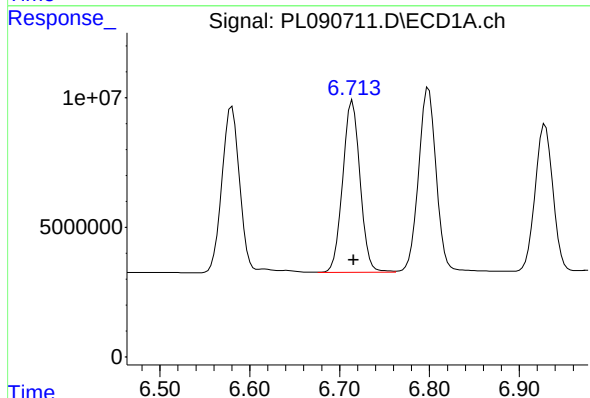
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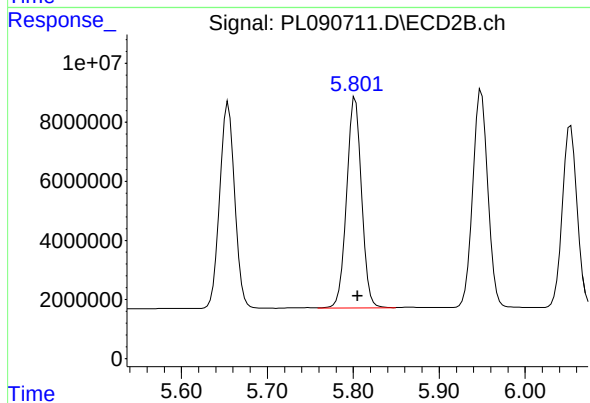
#15 Endosulfan II

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 89708361
Conc: 52.51 ng/ml



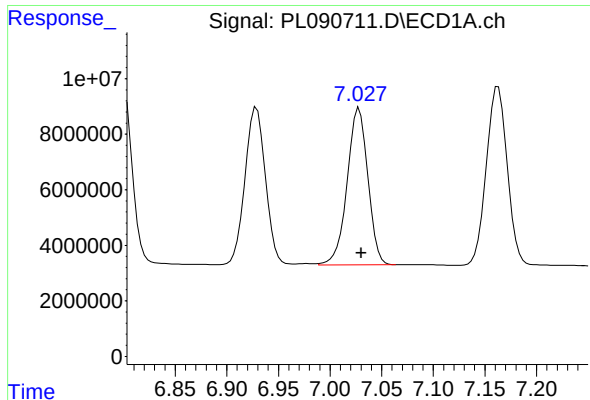
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: -0.001 min
Response: 88956375
Conc: 52.69 ng/ml



#16 4,4'-DDD

R.T.: 5.802 min
Delta R.T.: -0.003 min
Response: 85486668
Conc: 57.06 ng/ml



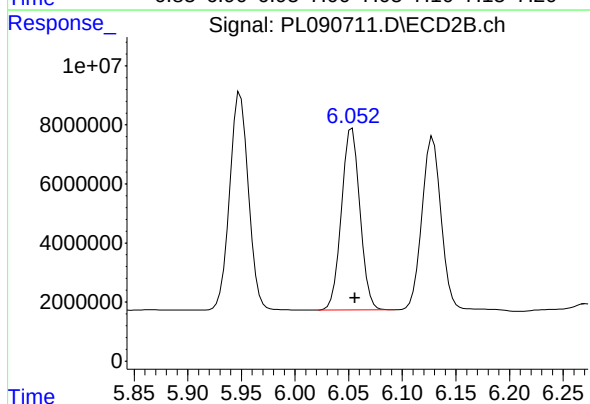
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: -0.003 min
Response: 78954174
Conc: 46.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162404BS

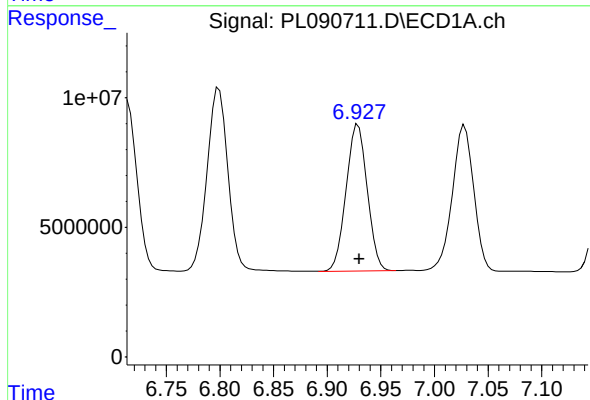
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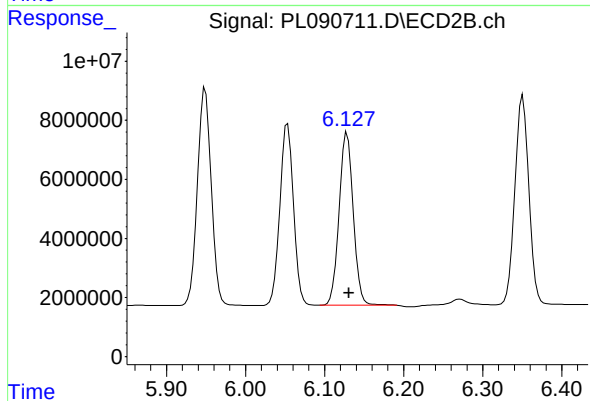
#17 4,4'-DDT

R.T.: 6.053 min
Delta R.T.: -0.003 min
Response: 73843405
Conc: 50.40 ng/ml



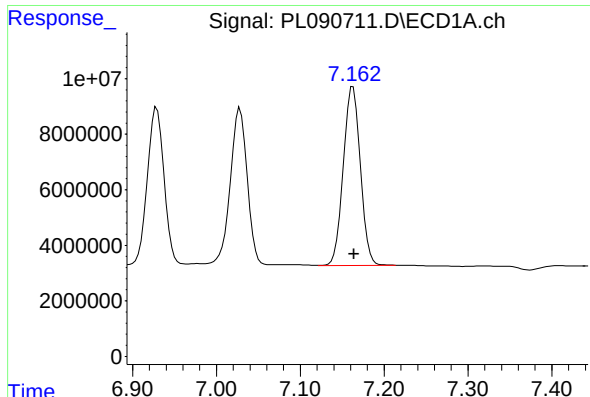
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.003 min
Response: 77645374
Conc: 52.34 ng/ml m



#18 Endrin aldehyde

R.T.: 6.128 min
Delta R.T.: -0.002 min
Response: 72814239
Conc: 55.73 ng/ml



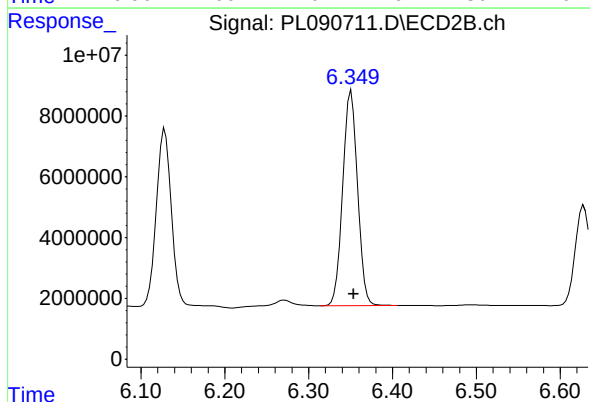
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: -0.003 min
Response: 90946120
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162404BS

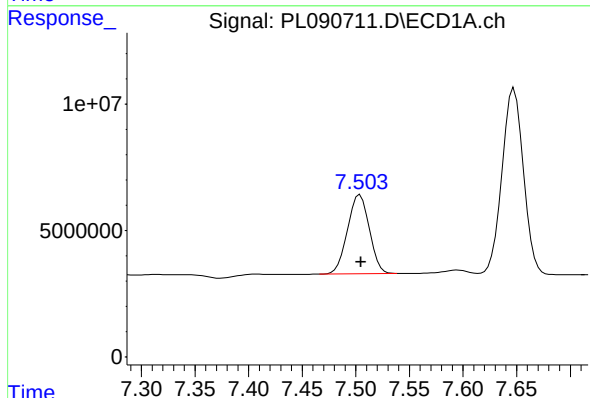
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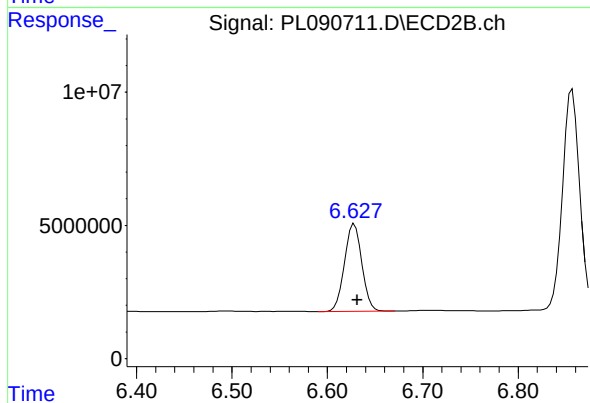
#19 Endosulfan Sulfate

R.T.: 6.351 min
Delta R.T.: -0.003 min
Response: 86979375
Conc: 53.94 ng/ml



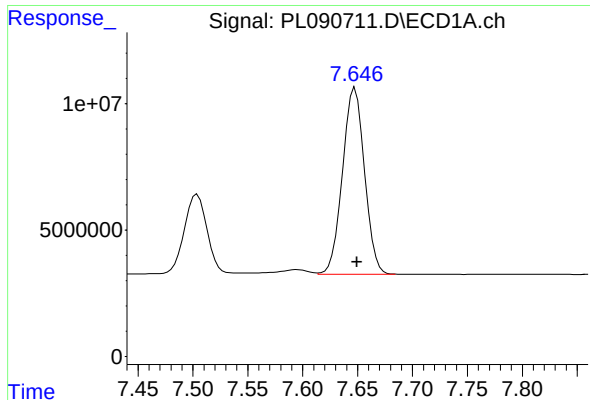
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.002 min
Response: 44295257
Conc: 50.17 ng/ml m



#20 Methoxychlor

R.T.: 6.627 min
Delta R.T.: -0.004 min
Response: 41782009
Conc: 51.68 ng/ml m



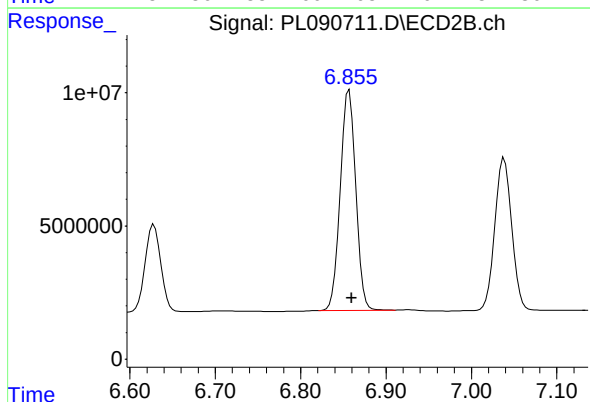
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.003 min
Response: 103012646
Conc: 53.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162404BS

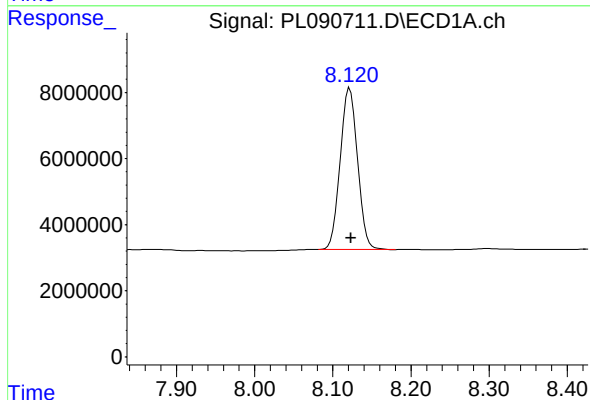
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Reviewed By :Abdul Mirza 08/01/2024
Supervised By :Ankita Jodhani 08/01/2024



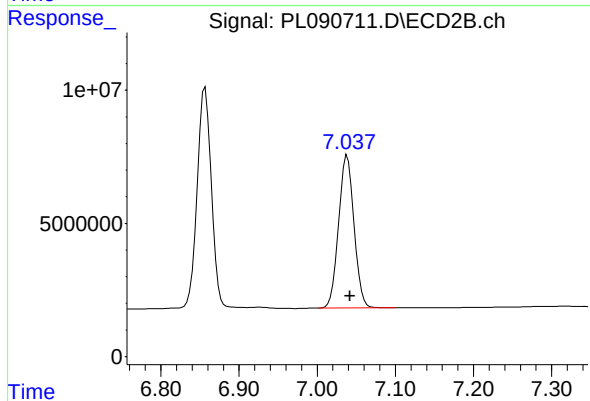
#21 Endrin ketone

R.T.: 6.857 min
Delta R.T.: -0.003 min
Response: 104000116
Conc: 56.91 ng/ml



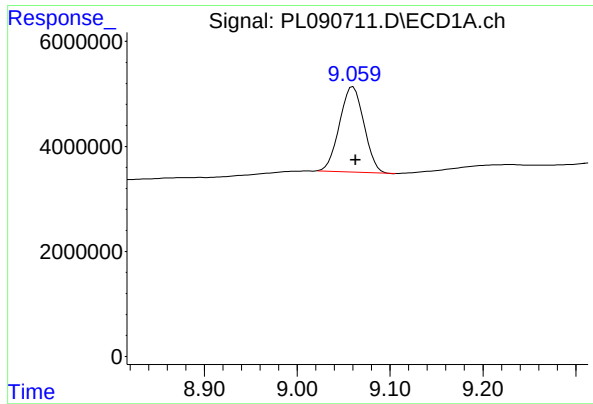
#22 Mirex

R.T.: 8.122 min
Delta R.T.: -0.002 min
Response: 75605426
Conc: 53.38 ng/ml



#22 Mirex

R.T.: 7.038 min
Delta R.T.: -0.004 min
Response: 78600446
Conc: 52.87 ng/ml



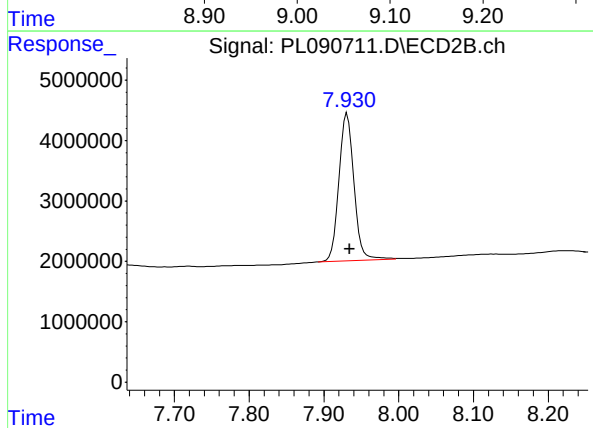
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: -0.003 min
Response: 29759918
Conc: 22.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162404BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 34228501
Conc: 23.47 ng/ml