

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
 Data File : PL092213.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2024 13:15
 Operator : AR\AJ
 Sample : PB163869BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163869BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/04/2024
 Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 02:42:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 23 16:44:57 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...	3.542	2.781	39740394	43726489	17.864	17.434
28) SA Decachlor...	9.058	7.921	30258729	46055051	18.470	18.408
Target Compounds						
2) A alpha-BHC	3.998	3.284	152.9E6	192.3E6	49.371	52.772
3) MA gamma-BHC...	4.331	3.614	146.2E6	181.1E6	47.180	51.299
4) MA Heptachlor	4.919	3.953	135.1E6	178.8E6	48.862	51.822
5) MB Aldrin	5.261	4.234	129.5E6	171.8E6	46.608	50.516
6) B beta-BHC	4.527	3.914	65804362	78596584	49.612	52.290
7) B delta-BHC	4.775	4.143	137.9E6	178.0E6	47.822	51.284
8) B Heptachlo...	5.687	4.736	120.5E6	159.2E6	47.353	52.679
9) A Endosulfan I	6.072	5.106	112.4E6	145.1E6	48.568	52.869
10) B gamma-Chl...	5.943	4.986	122.0E6	162.2E6	49.365	53.899
11) B alpha-Chl...	6.022	5.050	124.1E6	159.1E6	50.381	53.153
12) B 4,4'-DDE	6.195	5.239	107.4E6	151.7E6	49.642	54.598
13) MA Dieldrin	6.348	5.370	118.0E6	155.5E6	48.365	53.043
14) MA Endrin	6.576	5.645	93116274	130.3E6	45.187m	49.704
15) B Endosulfa...	6.797	5.940	105.0E6	134.4E6	47.730	53.717
16) A 4,4'-DDD	6.713	5.793	91828301	122.9E6	51.137	57.516
17) MA 4,4'-DDT	7.027	6.043	90136324	115.9E6	48.955	50.092
18) B Endrin al...	6.927	6.119	82937239	105.0E6	47.589	51.432
19) B Endosulfa...	7.162	6.342	96585658	127.7E6	48.725	52.949
20) A Methoxychlor	7.502	6.619	46471774	60753779	47.337	48.589
21) B Endrin ke...	7.646	6.848	109.8E6	148.8E6	49.942	53.735
22) Mirex	8.120	7.028	84140510	117.3E6	46.719	48.220

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092213.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 13:15
Operator : AR\AJ
Sample : PB163869BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB163869BS

Manual Integrations

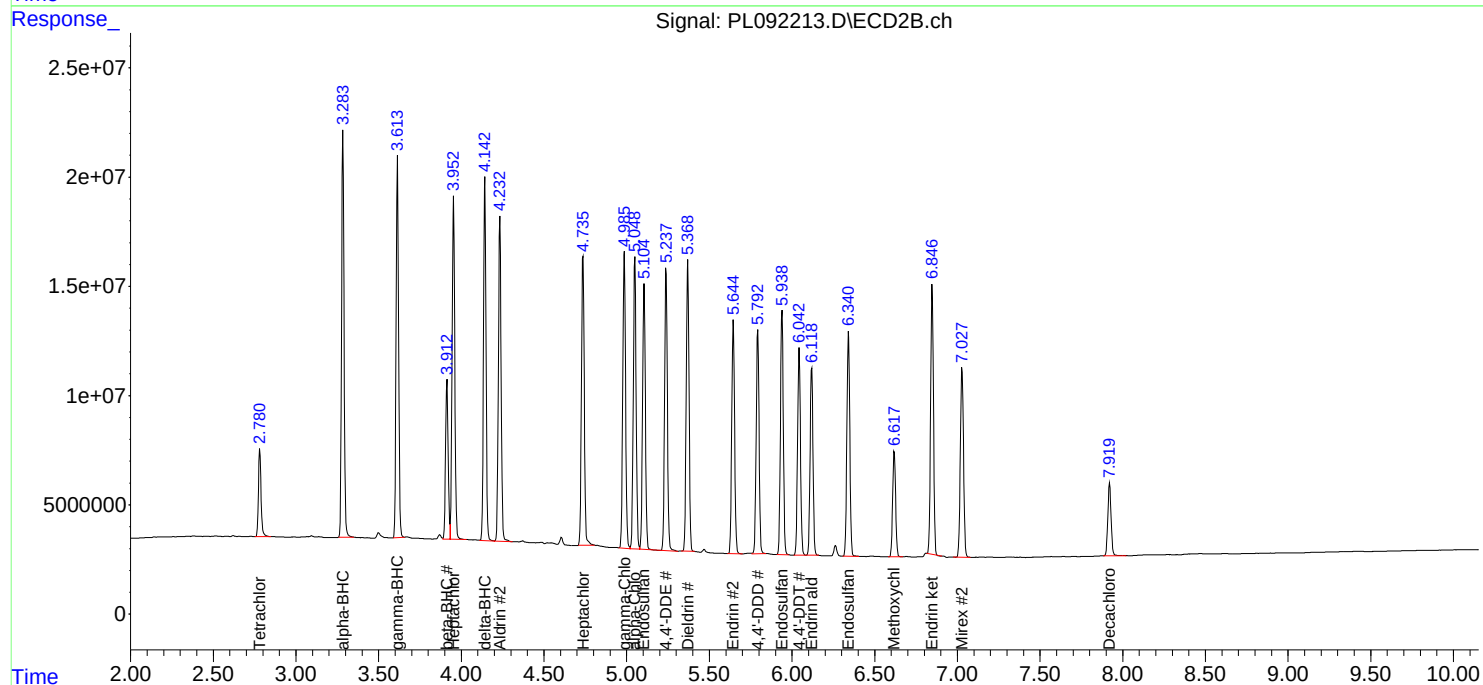
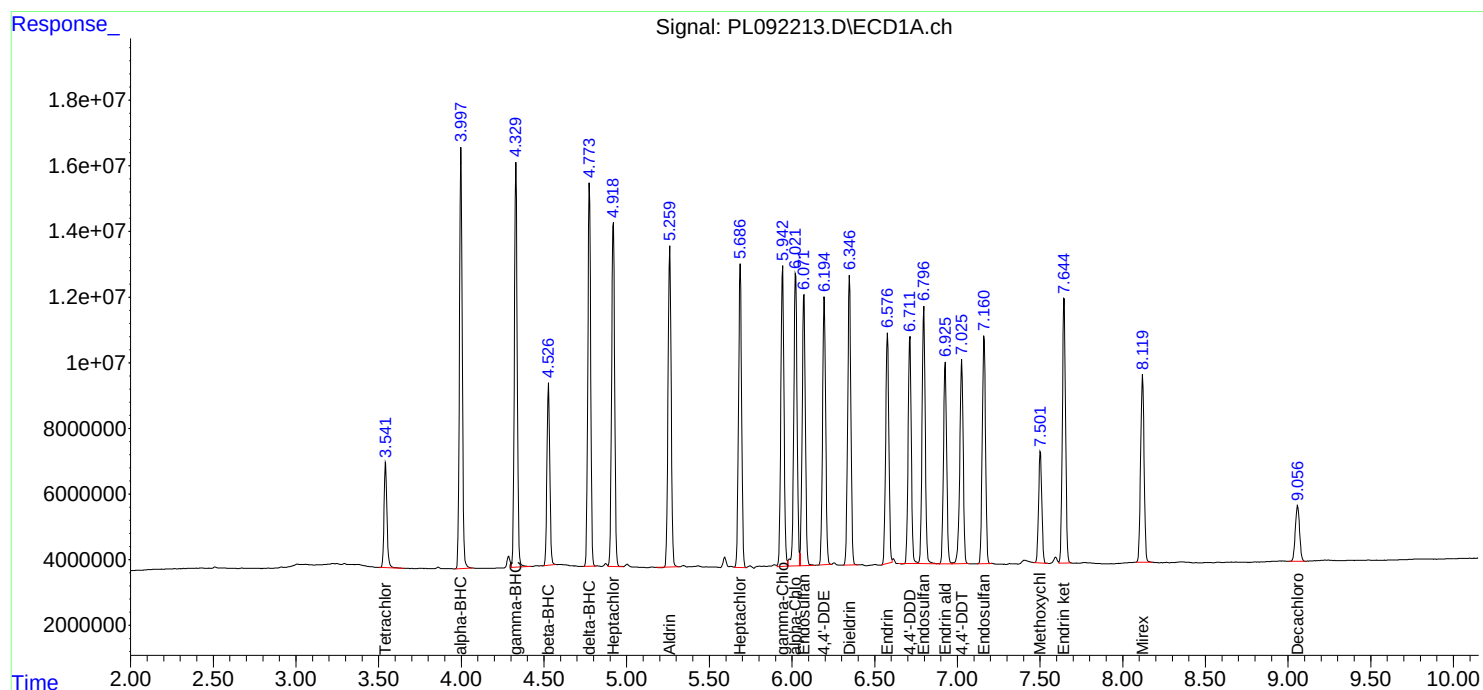
APPROVED

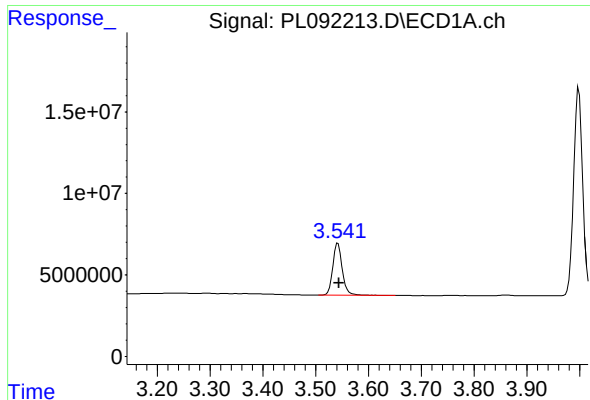
Reviewed By :Abdul Mirza 10/04/2024

Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:42:23 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092324.M
Quant Title : GC Extractables
QLast Update : Mon Sep 23 16:44:57 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.: 3.542 min
Delta R.T.: -0.002 min
Response: 39740394
Conc: 17.86 ng/ml

Instrument :

ECD_L

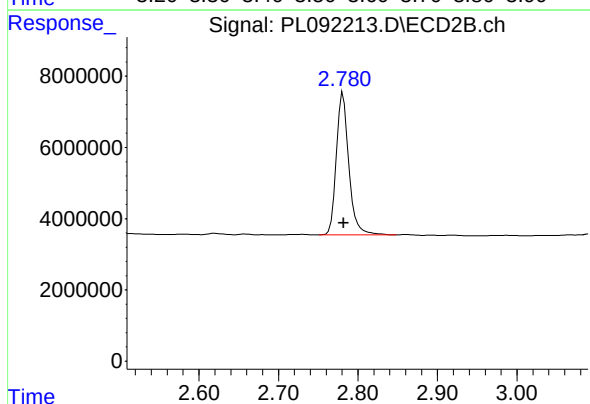
ClientSampleId :

PB163869BS

Manual Integrations

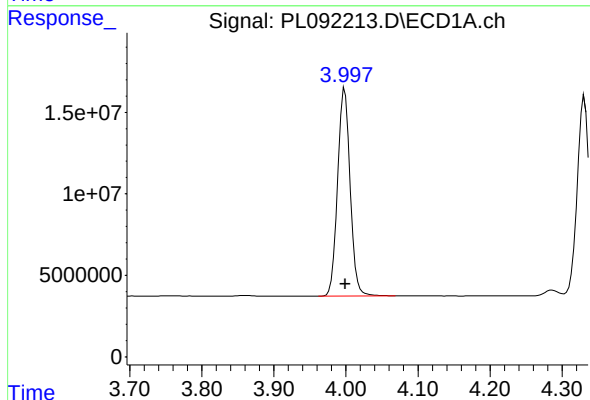
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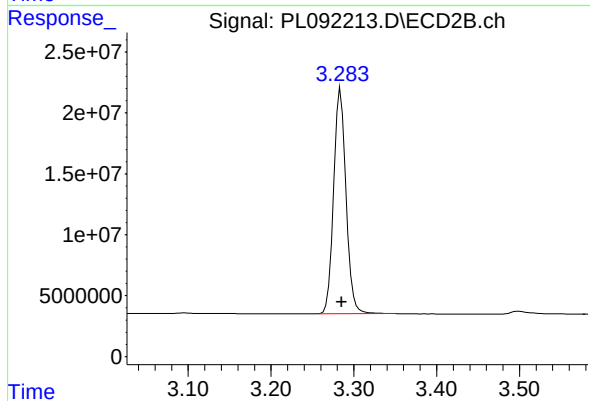
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.000 min
Response: 43726489
Conc: 17.43 ng/ml



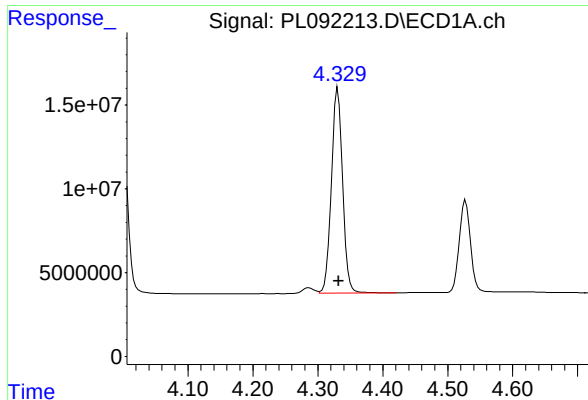
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 152879355
Conc: 49.37 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.001 min
Response: 192266674
Conc: 52.77 ng/ml



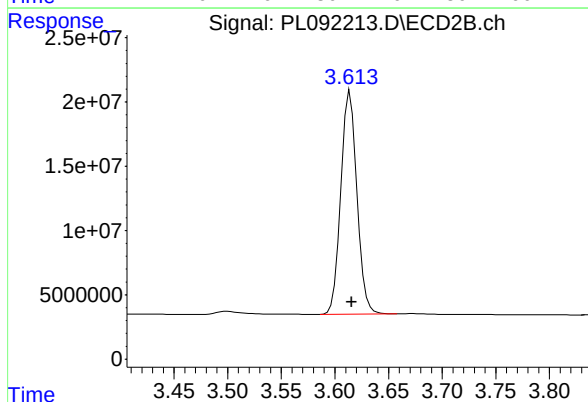
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 146200774
Conc: 47.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163869BS

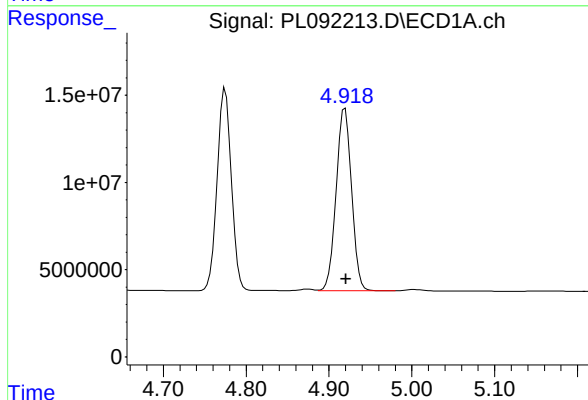
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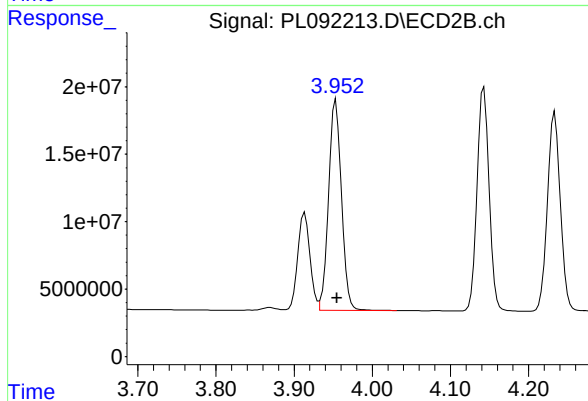
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 181137053
Conc: 51.30 ng/ml



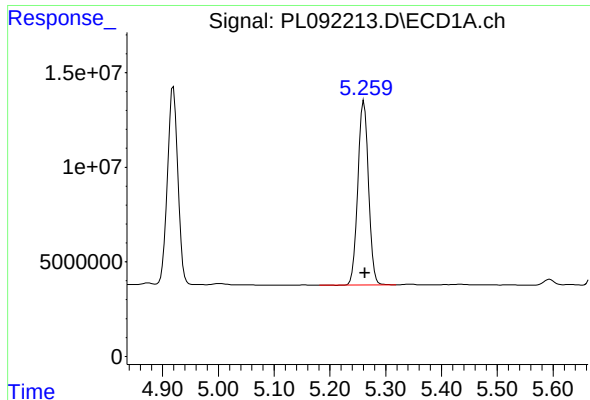
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: -0.001 min
Response: 135126513
Conc: 48.86 ng/ml



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 178816623
Conc: 51.82 ng/ml



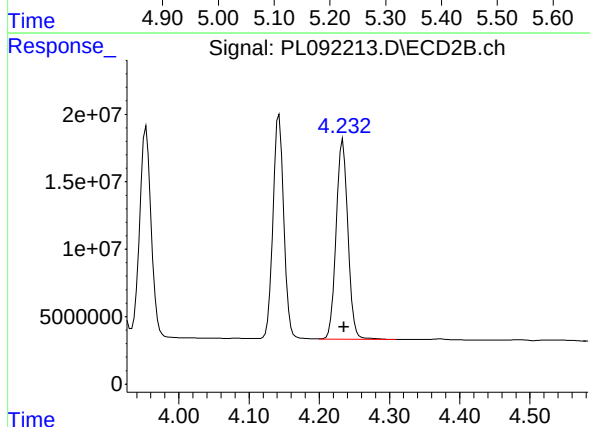
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.002 min
Response: 129456832
Conc: 46.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163869BS

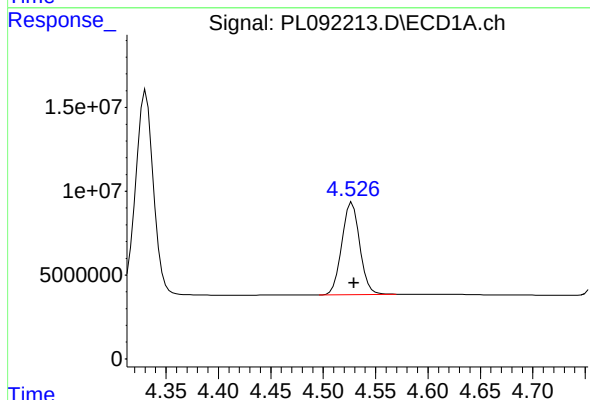
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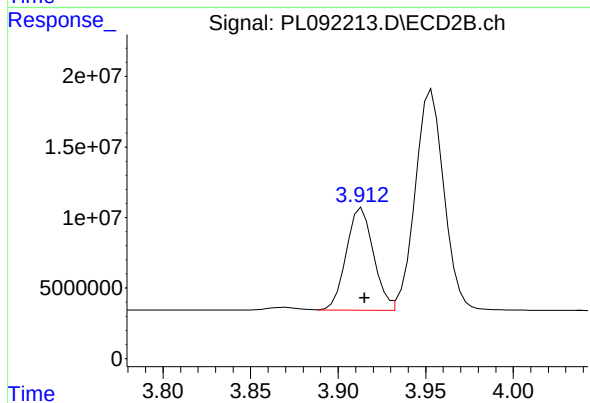
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: -0.002 min
Response: 171809697
Conc: 50.52 ng/ml



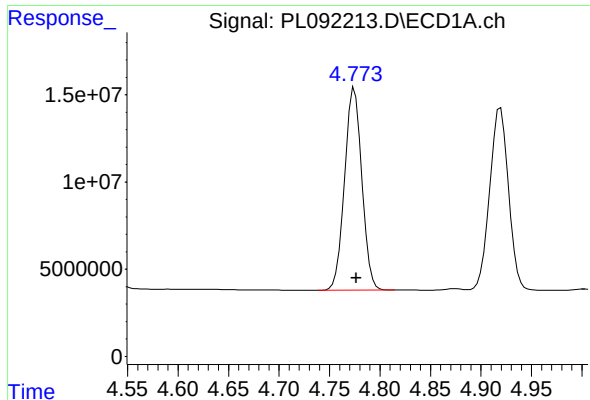
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.002 min
Response: 65804362
Conc: 49.61 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: -0.001 min
Response: 78596584
Conc: 52.29 ng/ml



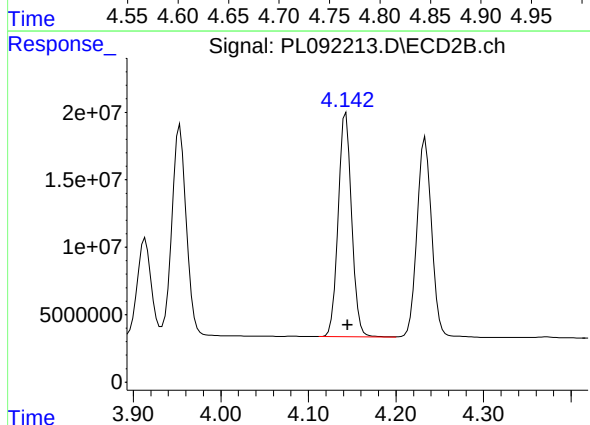
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.002 min
Response: 137929931
Conc: 47.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163869BS

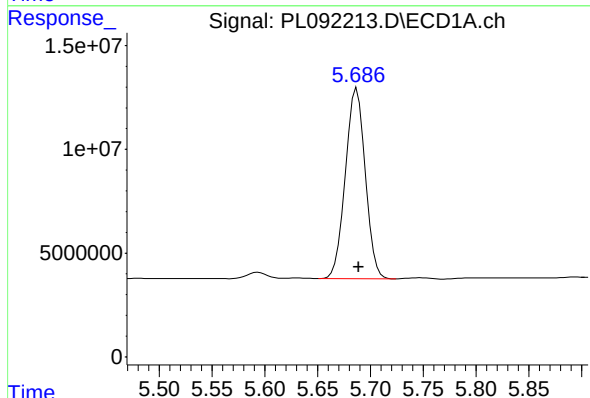
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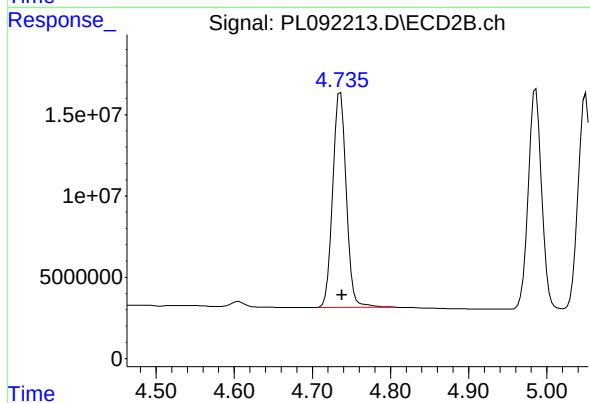
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 178043526
Conc: 51.28 ng/ml



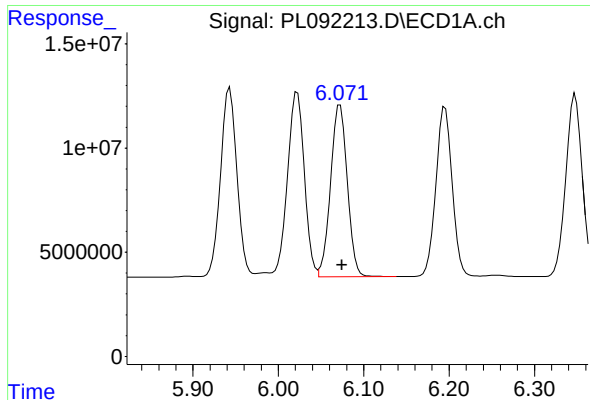
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 120513962
Conc: 47.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.002 min
Response: 159243638
Conc: 52.68 ng/ml



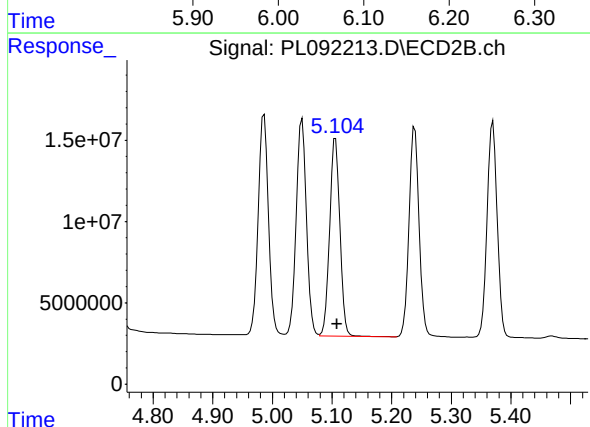
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: -0.002 min
Response: 112356083
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163869BS

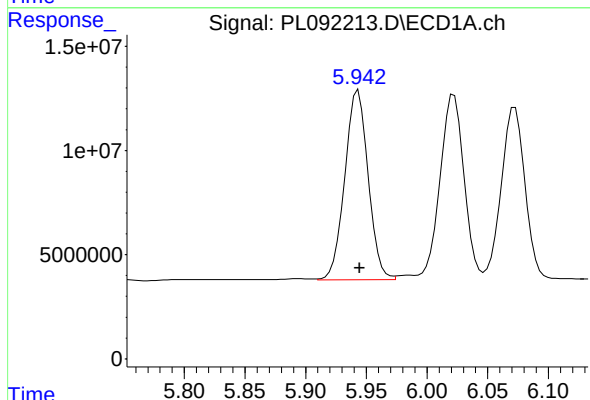
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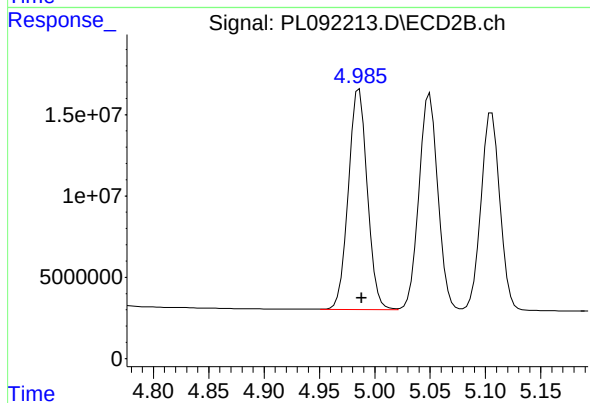
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 145106321
Conc: 52.87 ng/ml



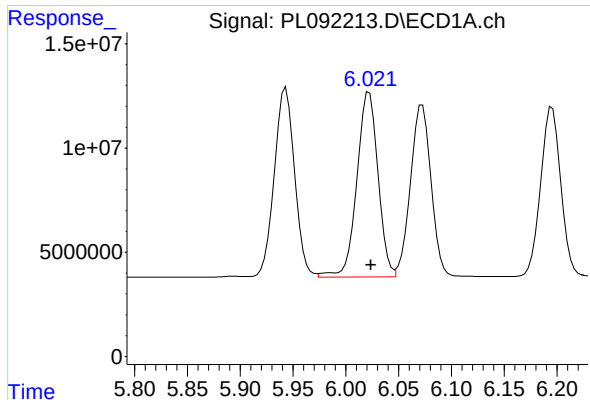
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.001 min
Response: 121990377
Conc: 49.36 ng/ml



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 162160658
Conc: 53.90 ng/ml



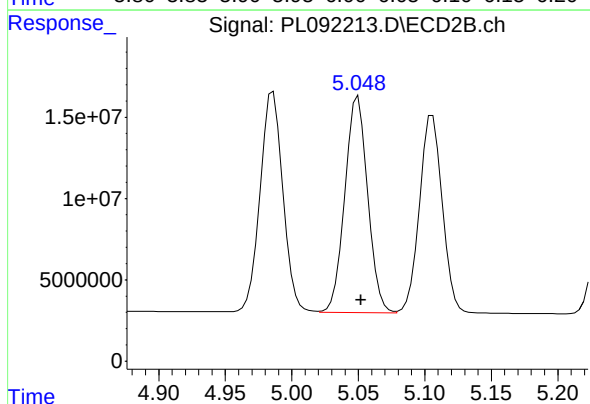
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.002 min
Response: 124104587
Conc: 50.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163869BS

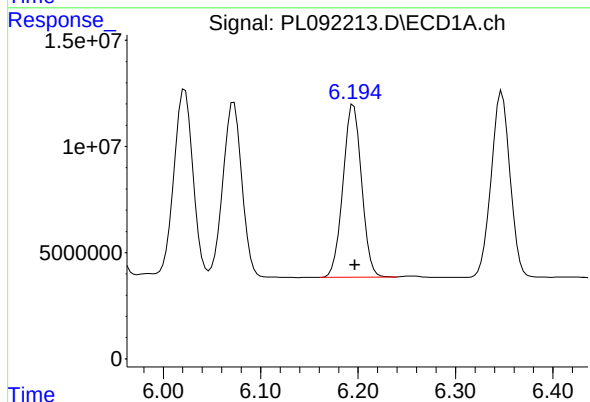
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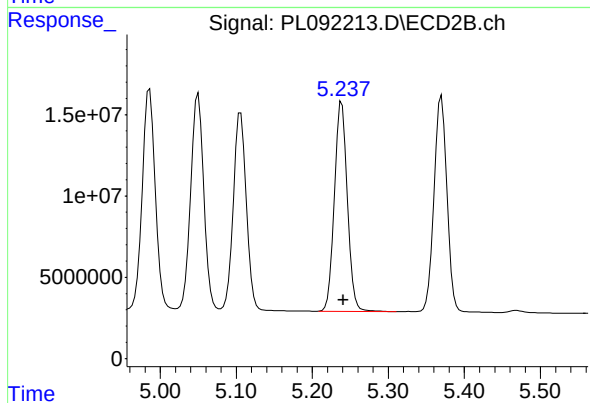
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 159117204
Conc: 53.15 ng/ml



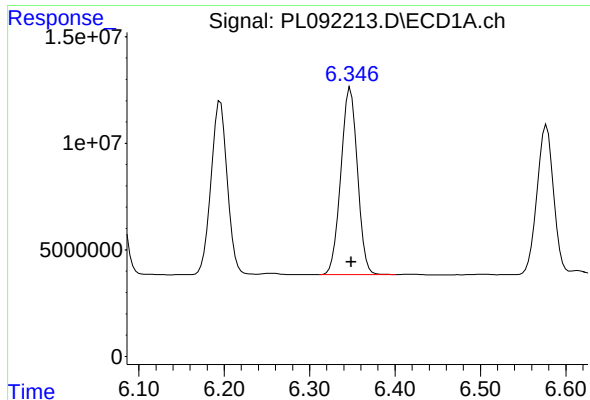
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.001 min
Response: 107446035
Conc: 49.64 ng/ml



#12 4,4'-DDE

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 151718679
Conc: 54.60 ng/ml



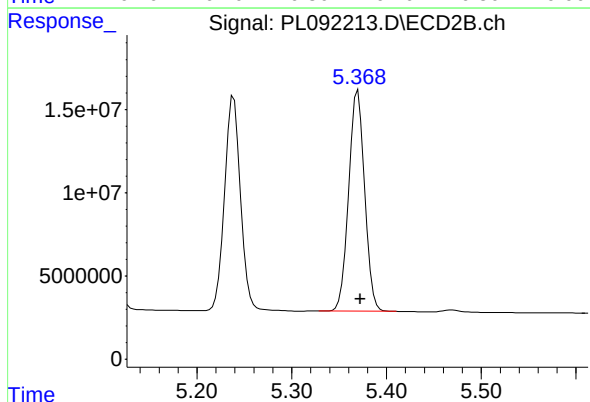
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: -0.001 min
Response: 117956433
Conc: 48.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163869BS

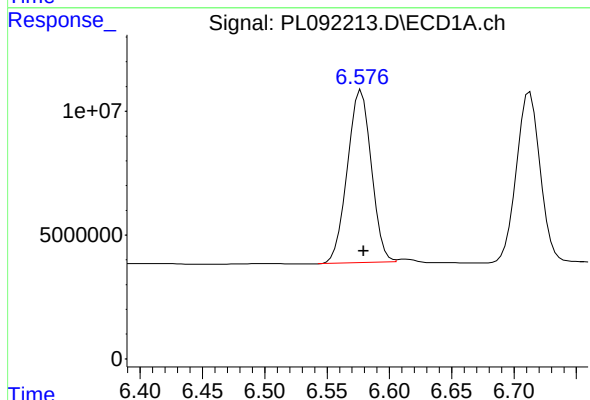
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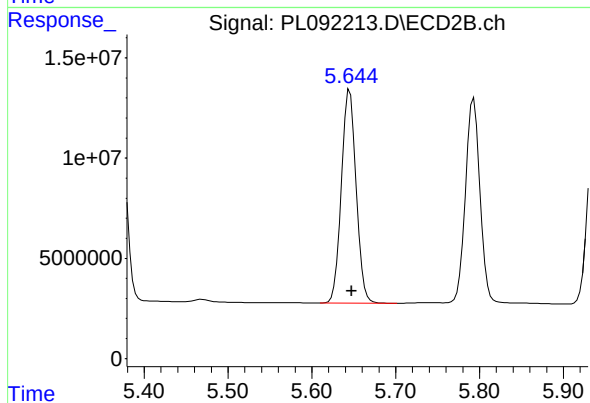
#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: -0.003 min
Response: 155513181
Conc: 53.04 ng/ml



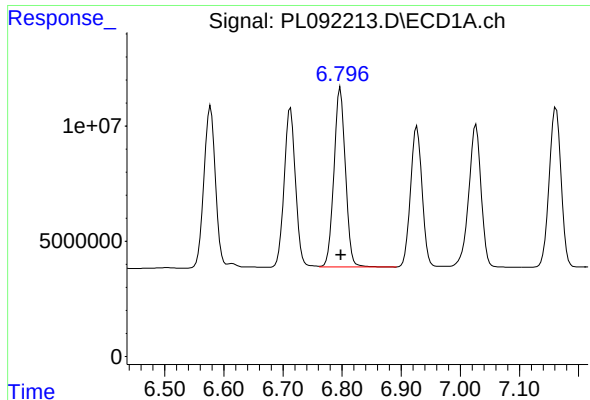
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 93116274
Conc: 45.19 ng/ml m



#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 130333315
Conc: 49.70 ng/ml



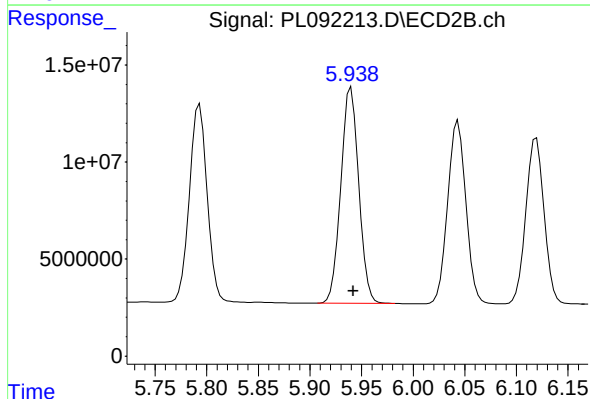
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 104993486
Conc: 47.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163869BS

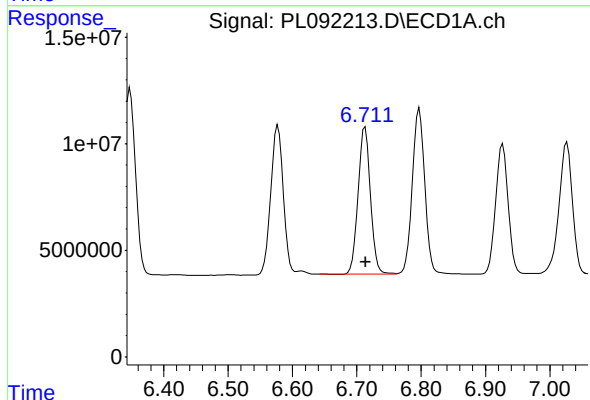
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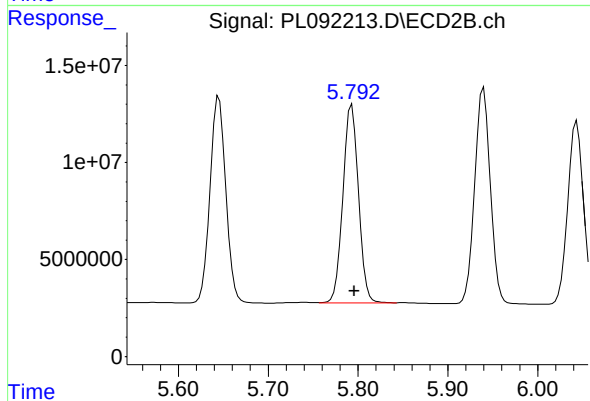
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 134421575
Conc: 53.72 ng/ml



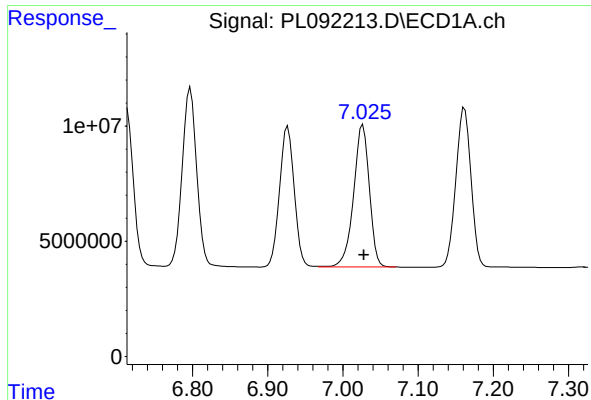
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 91828301
Conc: 51.14 ng/ml



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 122867003
Conc: 57.52 ng/ml



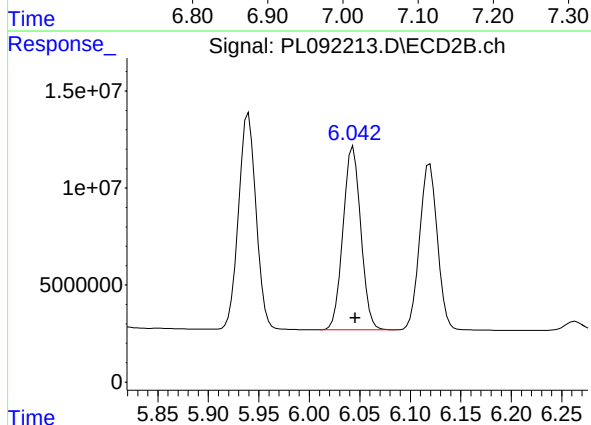
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: -0.001 min
Response: 90136324
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163869BS

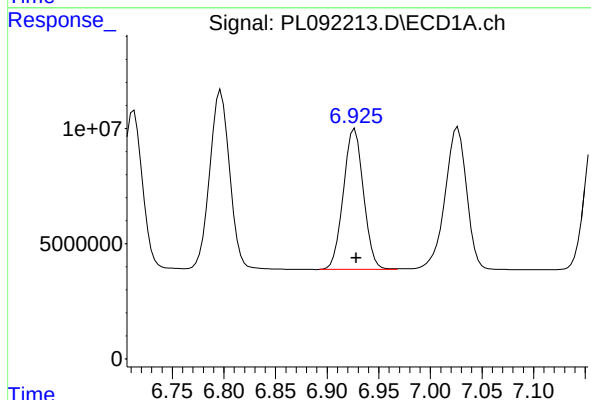
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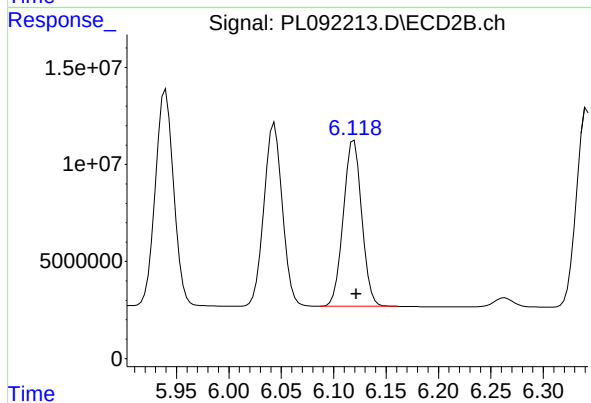
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 115870621
Conc: 50.09 ng/ml



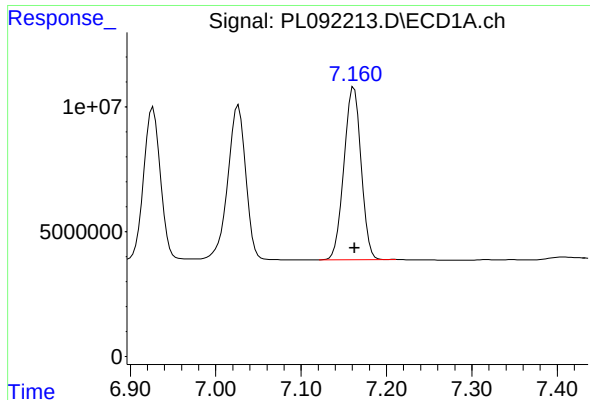
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 82937239
Conc: 47.59 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 104958459
Conc: 51.43 ng/ml



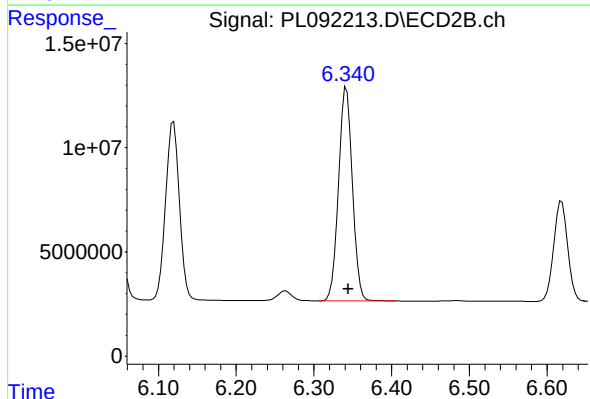
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: -0.001 min
Response: 96585658
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163869BS

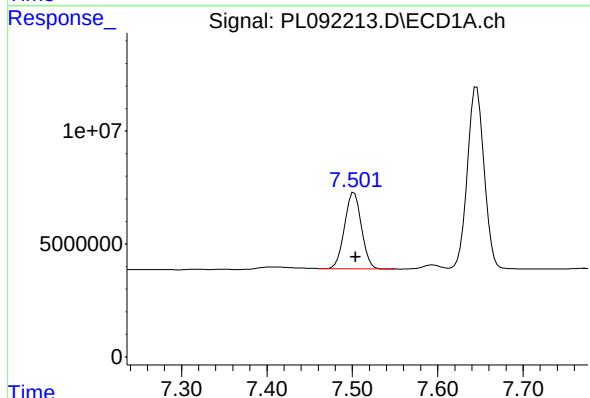
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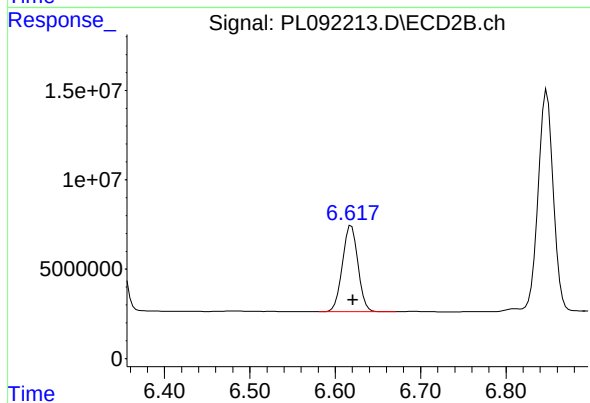
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 127739200
Conc: 52.95 ng/ml



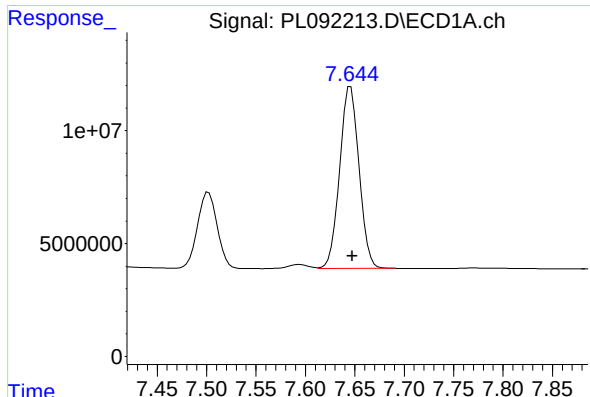
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.002 min
Response: 46471774
Conc: 47.34 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 60753779
Conc: 48.59 ng/ml



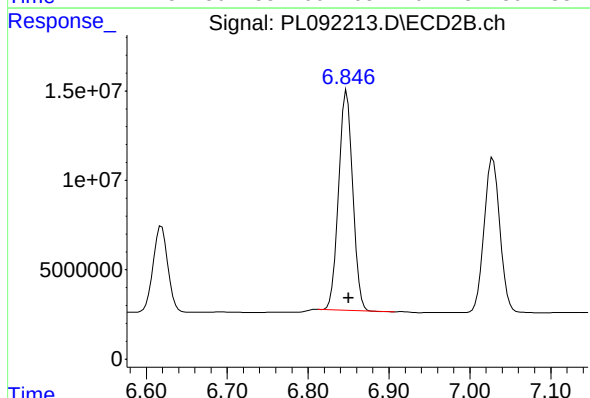
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.002 min
Response: 109751145
Conc: 49.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163869BS

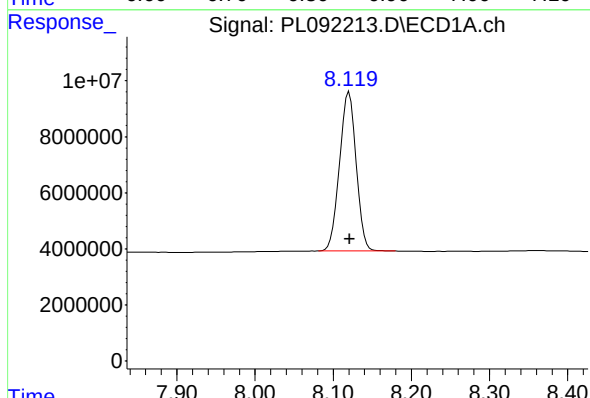
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024



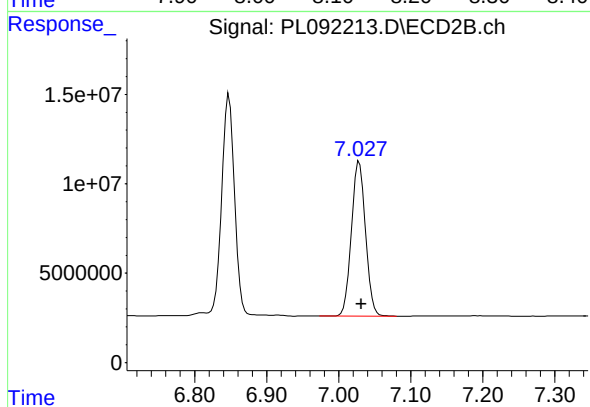
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 148788694
Conc: 53.73 ng/ml



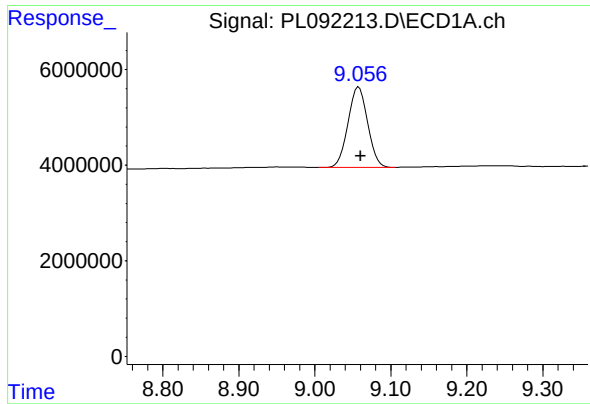
#22 Mirex

R.T.: 8.120 min
Delta R.T.: -0.001 min
Response: 84140510
Conc: 46.72 ng/ml



#22 Mirex

R.T.: 7.028 min
Delta R.T.: -0.003 min
Response: 117302861
Conc: 48.22 ng/ml



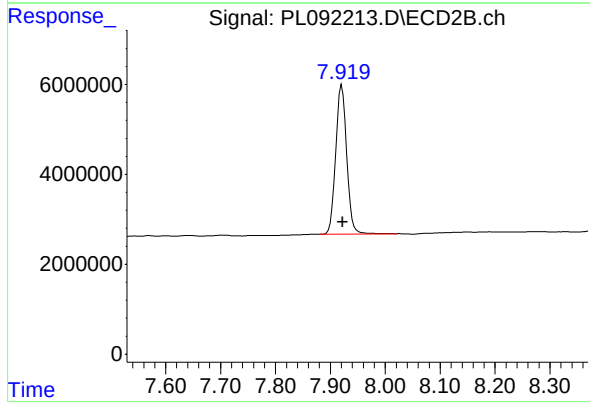
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 30258729
Conc: 18.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163869BS

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#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.002 min
Response: 46055051
Conc: 18.41 ng/ml