

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
 Data File : PL092223.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2024 17:22
 Operator : AR\AJ
 Sample : PB163891BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163891BS

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 02:52:13 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...	3.544	2.782	40872556	44889540	18.372	17.898
28) SA Decachlor...	9.060	7.921	31565412	46330137	19.268	18.518
Target Compounds						
2) A alpha-BHC	4.000	3.285	156.3E6	198.2E6	50.467	54.413
3) MA gamma-BHC...	4.333	3.615	149.9E6	186.9E6	48.363	52.927
4) MA Heptachlor	4.922	3.954	137.8E6	184.1E6	49.843	53.344
5) MB Aldrin	5.263	4.234	131.1E6	182.8E6	47.210	53.760
6) B beta-BHC	4.530	3.914	67427479	80957359	50.836	53.860
7) B delta-BHC	4.777	4.143	141.8E6	187.3E6	49.167	53.944
8) B Heptachlo...	5.688	4.737	127.2E6	165.1E6	49.975m	54.609
9) A Endosulfan I	6.074	5.106	117.3E6	144.4E6	50.702	52.598
10) B gamma-Chl...	5.943	4.987	122.0E6	167.1E6	49.370m	55.531
11) B alpha-Chl...	6.024	5.050	131.3E6	163.5E6	53.294	54.602
12) B 4,4'-DDE	6.197	5.238	108.3E6	156.0E6	50.037	56.126m
13) MA Dieldrin	6.349	5.371	120.0E6	160.2E6	49.207	54.658
14) MA Endrin	6.578	5.646	95912037	137.8E6	46.543m	52.533
15) B Endosulfa...	6.798	5.941	105.6E6	137.8E6	48.002	55.076
16) A 4,4'-DDD	6.713	5.794	93891879	126.4E6	52.287m	59.166
17) MA 4,4'-DDT	7.028	6.045	91029347	118.7E6	49.440	51.300
18) B Endrin al...	6.928	6.120	85421009	107.5E6	49.015	52.677
19) B Endosulfa...	7.163	6.343	97798954	130.9E6	49.337	54.256
20) A Methoxychlor	7.503	6.620	48946596	61885358	49.858m	49.494
21) B Endrin ke...	7.648	6.847	112.0E6	163.2E6	50.946	58.953m
22) Mirex	8.122	7.029	85279363	120.0E6	47.351	49.317

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100524\
Data File : PL092223.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2024 17:22
Operator : AR\AJ
Sample : PB163891BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB163891BS

Manual Integrations

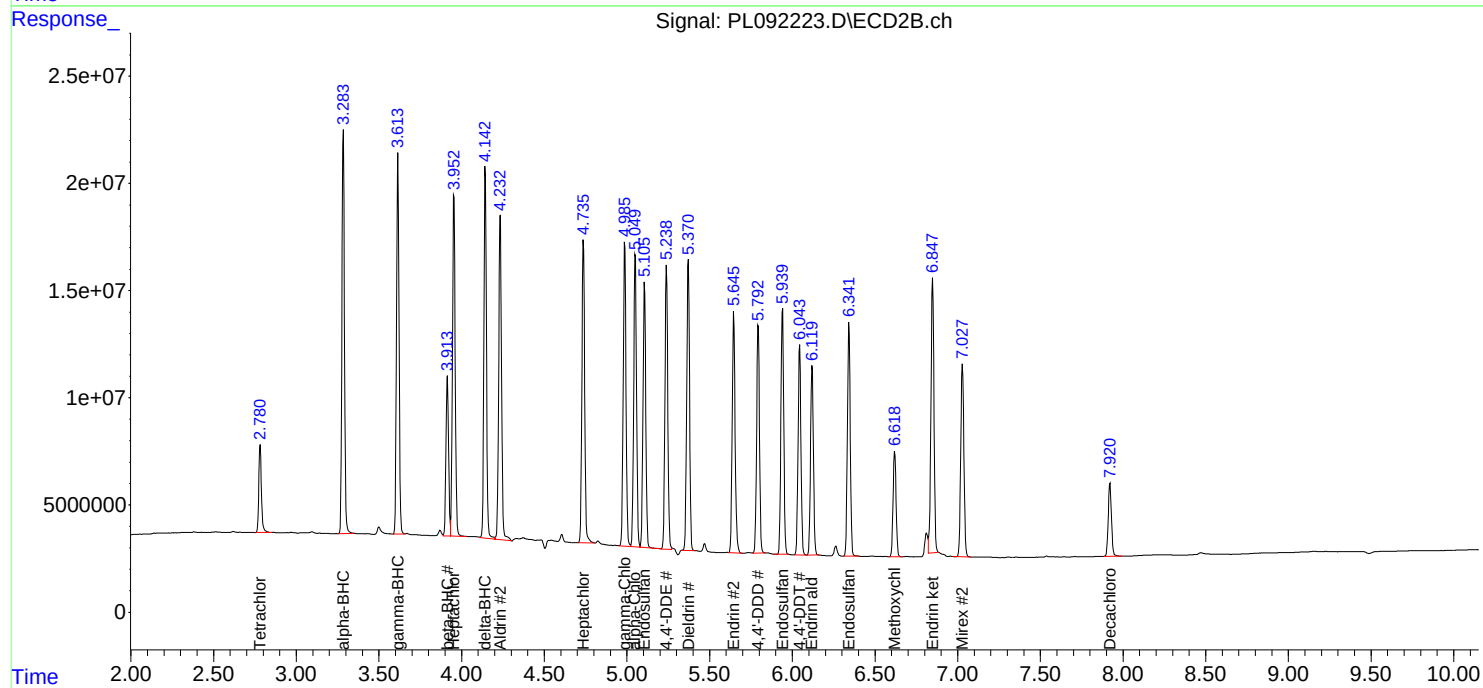
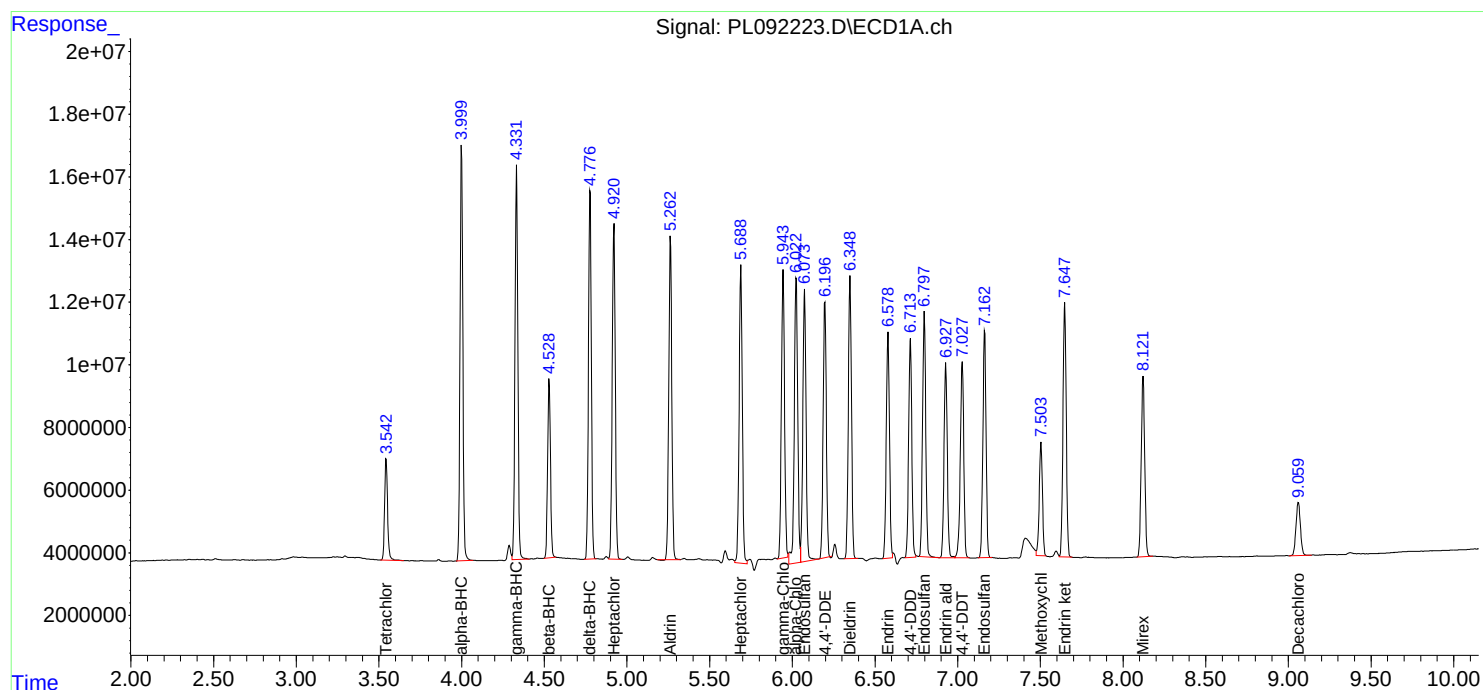
APPROVED

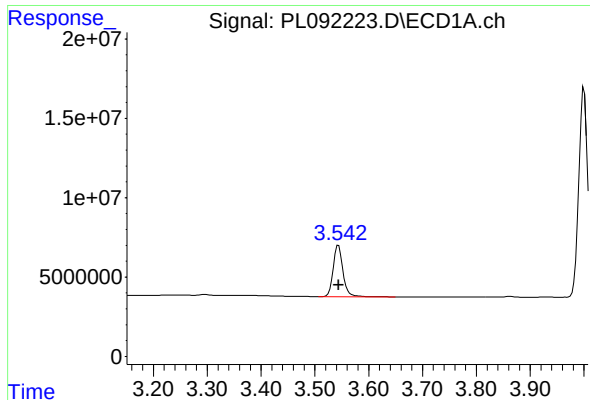
Reviewed By :Abdul Mirza 10/04/2024

Supervised By :Ankita Jodhani 10/04/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 02:52:13 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





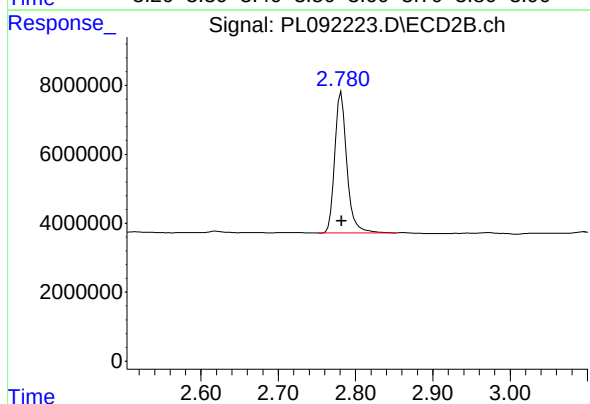
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 40872556
Conc: 18.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163891BS

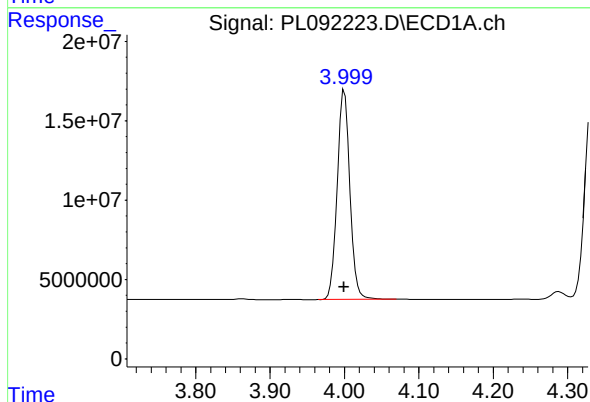
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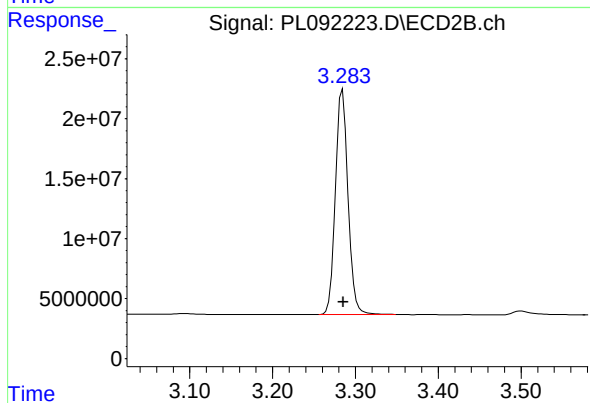
#1 Tetrachloro-m-xylene

R.T.: 2.782 min
Delta R.T.: 0.000 min
Response: 44889540
Conc: 17.90 ng/ml



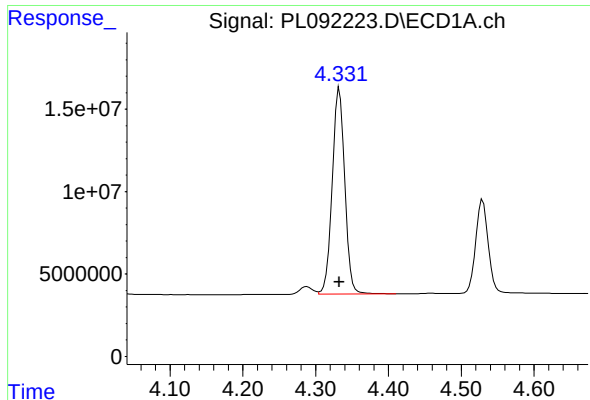
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 156270840
Conc: 50.47 ng/ml



#2 alpha-BHC

R.T.: 3.285 min
Delta R.T.: -0.001 min
Response: 198245745
Conc: 54.41 ng/ml



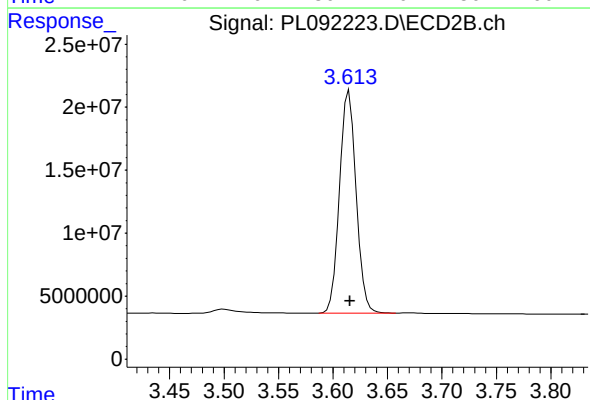
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 149868282
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163891BS

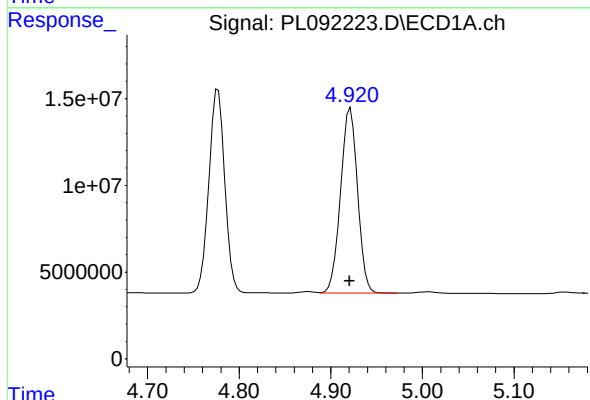
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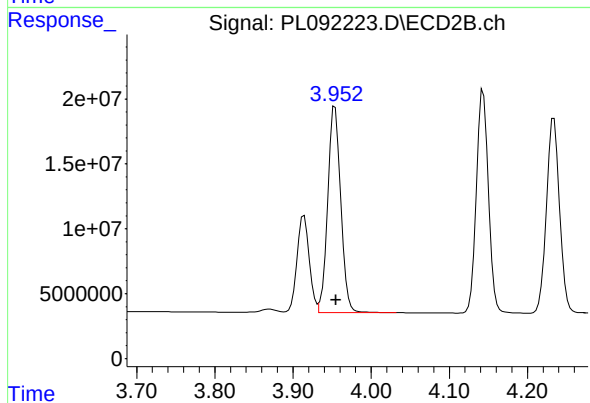
#3 gamma-BHC (Lindane)

R.T.: 3.615 min
Delta R.T.: -0.001 min
Response: 186884071
Conc: 52.93 ng/ml



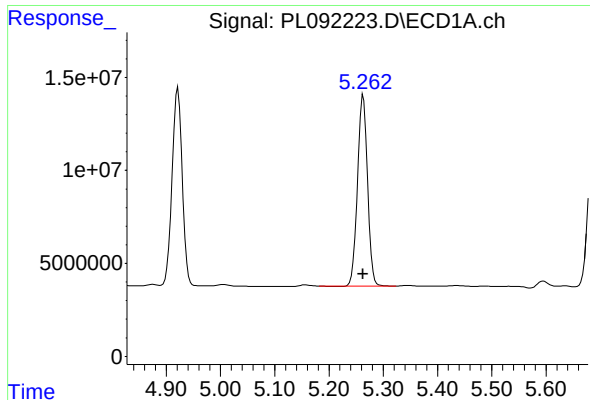
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.001 min
Response: 137838263
Conc: 49.84 ng/ml



#4 Heptachlor

R.T.: 3.954 min
Delta R.T.: -0.001 min
Response: 184068638
Conc: 53.34 ng/ml



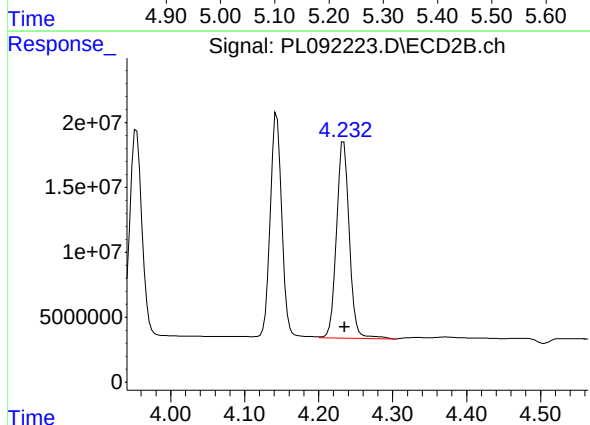
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 131130842
Conc: 47.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163891BS

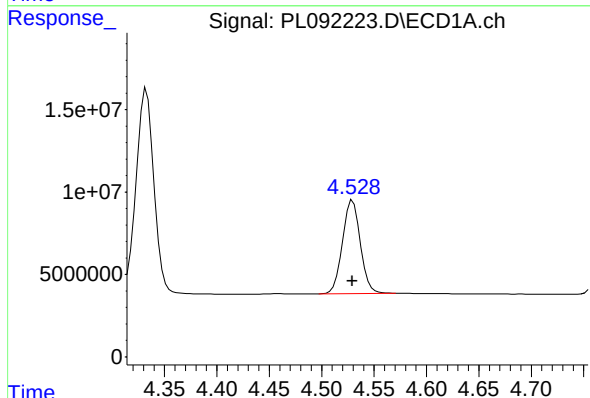
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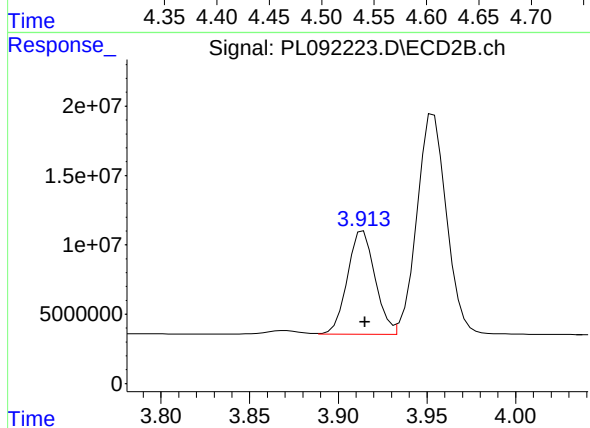
#5 Aldrin

R.T.: 4.234 min
Delta R.T.: -0.001 min
Response: 182844730
Conc: 53.76 ng/ml



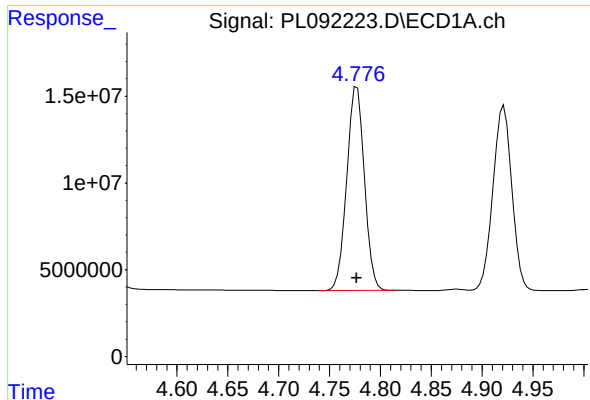
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 67427479
Conc: 50.84 ng/ml



#6 beta-BHC

R.T.: 3.914 min
Delta R.T.: 0.000 min
Response: 80957359
Conc: 53.86 ng/ml



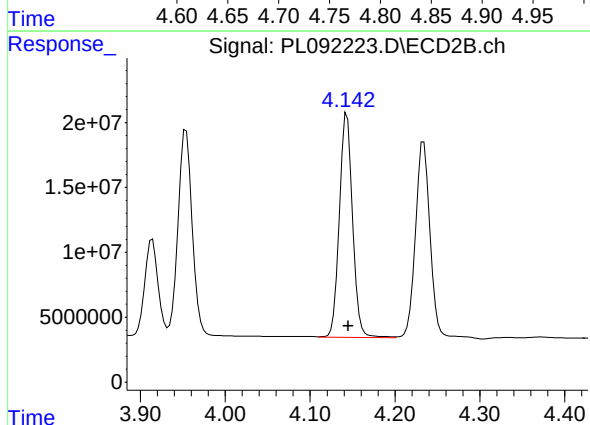
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 141807125
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163891BS

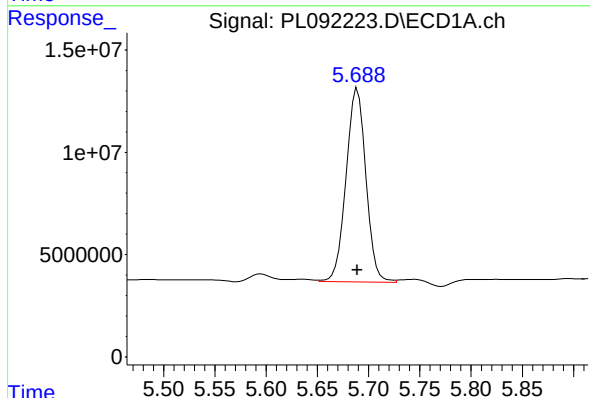
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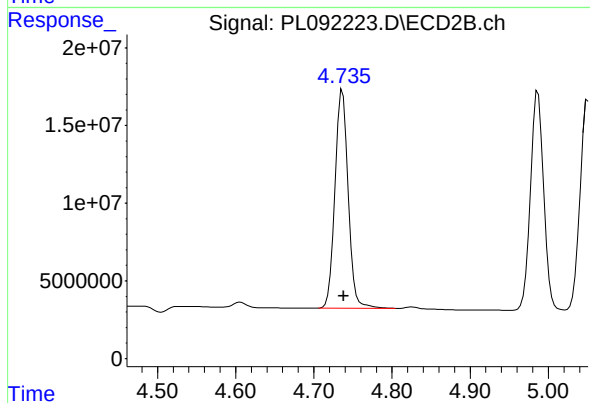
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.001 min
Response: 187276844
Conc: 53.94 ng/ml



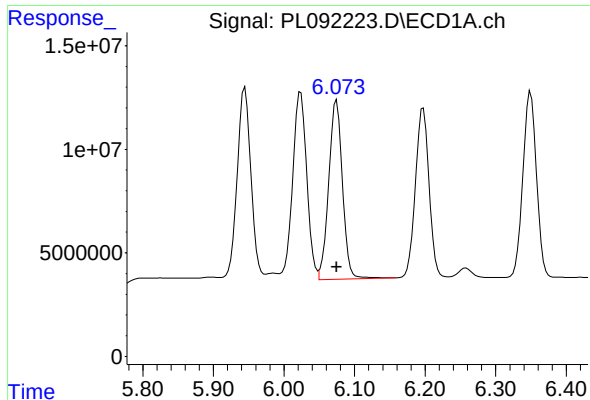
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.001 min
Response: 127185050
Conc: 49.97 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.737 min
Delta R.T.: -0.002 min
Response: 165076308
Conc: 54.61 ng/ml



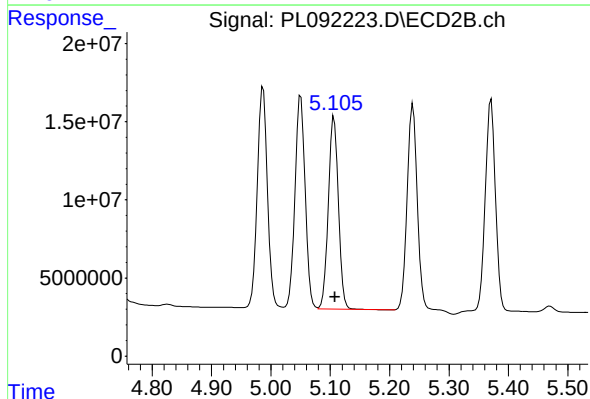
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 117294430
Conc: 50.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163891BS

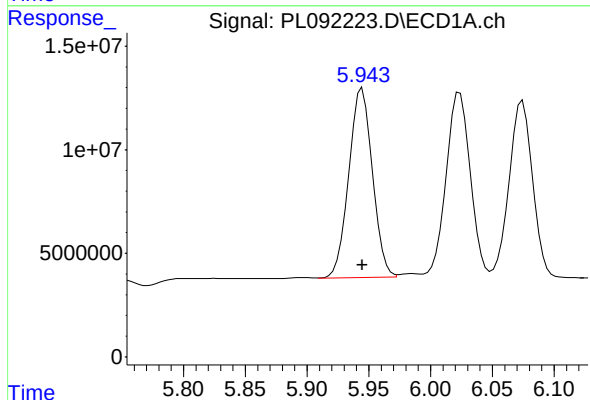
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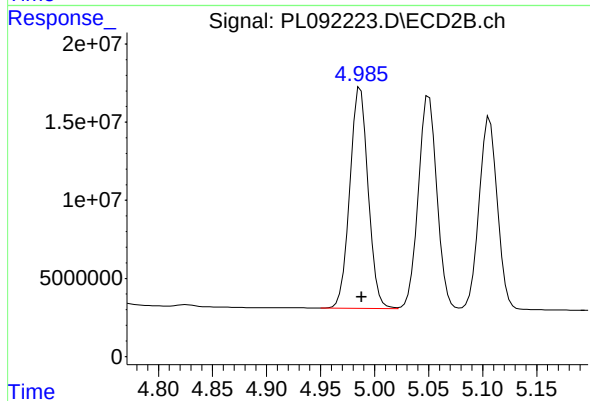
#9 Endosulfan I

R.T.: 5.106 min
Delta R.T.: -0.002 min
Response: 144361174
Conc: 52.60 ng/ml



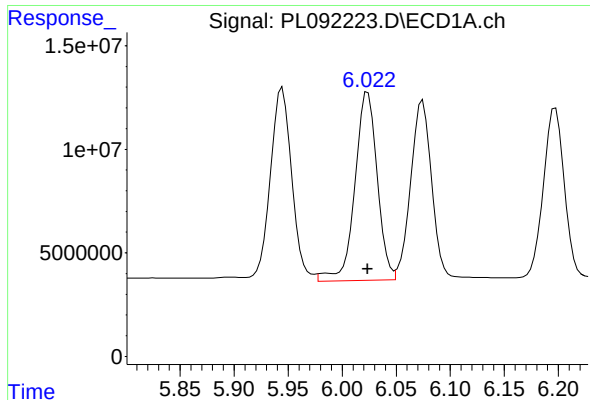
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.001 min
Response: 122004292
Conc: 49.37 ng/ml m



#10 gamma-Chlordane

R.T.: 4.987 min
Delta R.T.: -0.001 min
Response: 167069838
Conc: 55.53 ng/ml



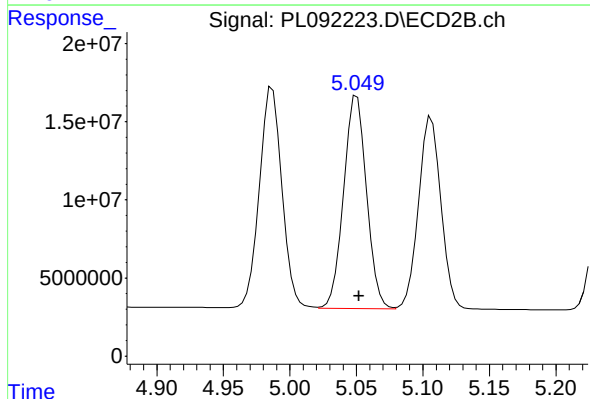
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 131281697
Conc: 53.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163891BS

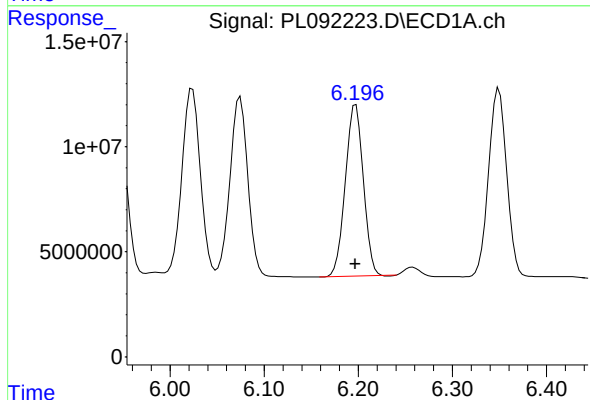
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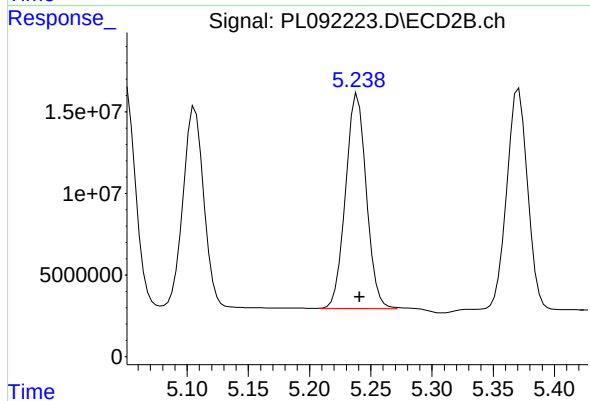
#11 alpha-Chlordane

R.T.: 5.050 min
Delta R.T.: -0.002 min
Response: 163453167
Conc: 54.60 ng/ml



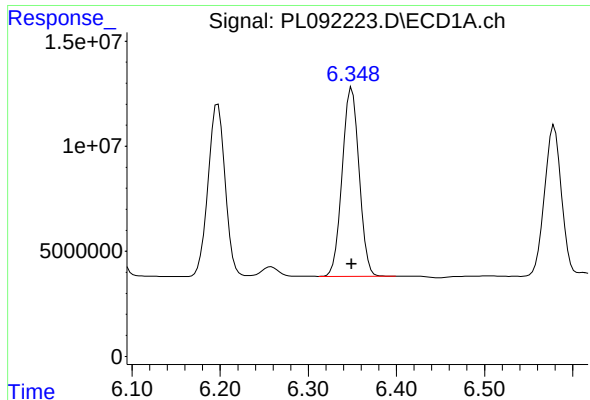
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 108300408
Conc: 50.04 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 155964182
Conc: 56.13 ng/ml m



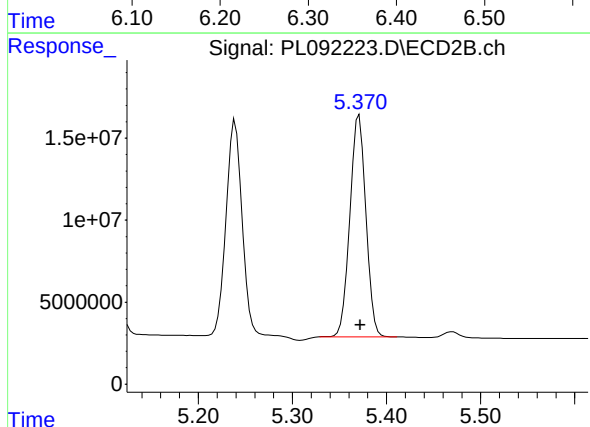
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 120010036
Conc: 49.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163891BS

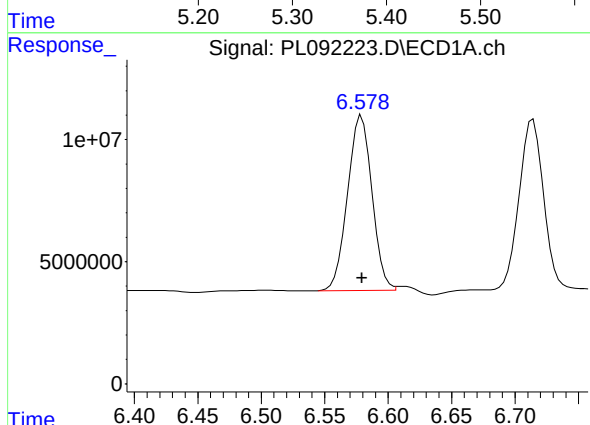
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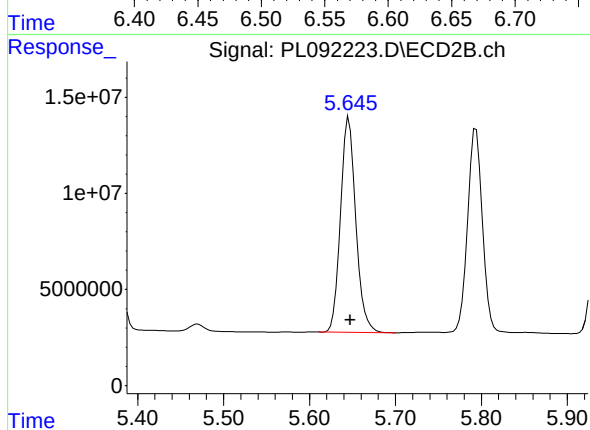
#13 Dieldrin

R.T.: 5.371 min
Delta R.T.: -0.001 min
Response: 160248449
Conc: 54.66 ng/ml



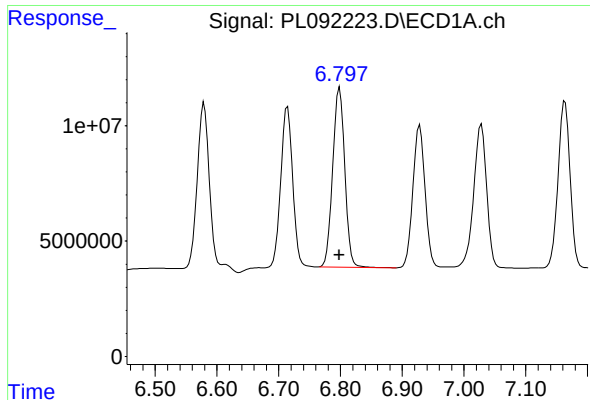
#14 Endrin

R.T.: 6.578 min
Delta R.T.: -0.002 min
Response: 95912037
Conc: 46.54 ng/ml m



#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 137752122
Conc: 52.53 ng/ml



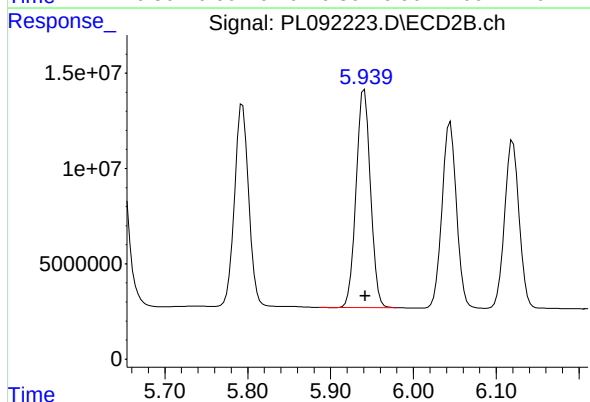
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 105591602
Conc: 48.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163891BS

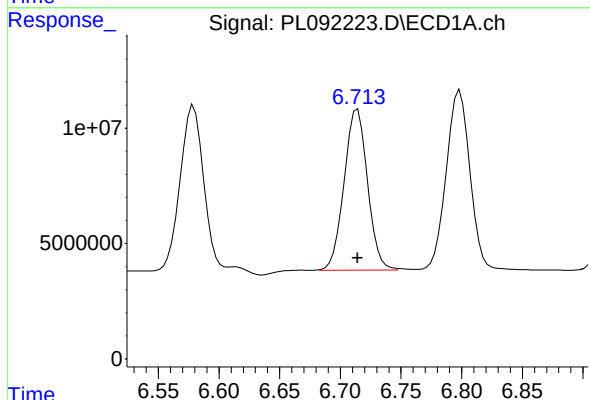
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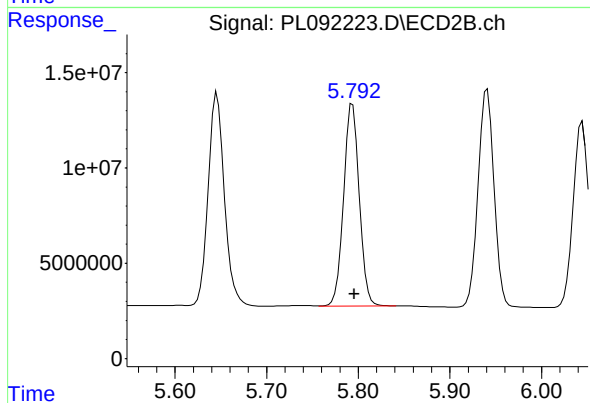
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: -0.001 min
Response: 137822185
Conc: 55.08 ng/ml



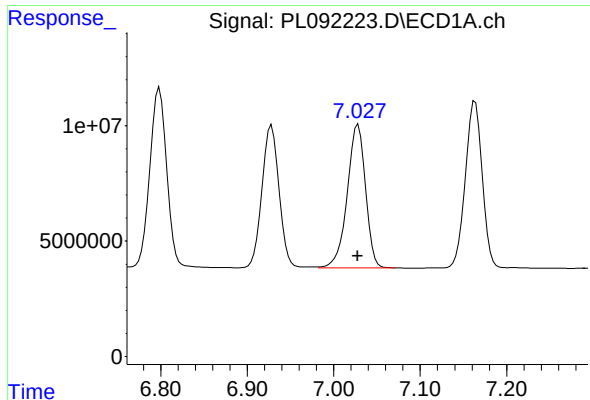
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 93891879
Conc: 52.29 ng/ml m



#16 4,4'-DDD

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 126392063
Conc: 59.17 ng/ml



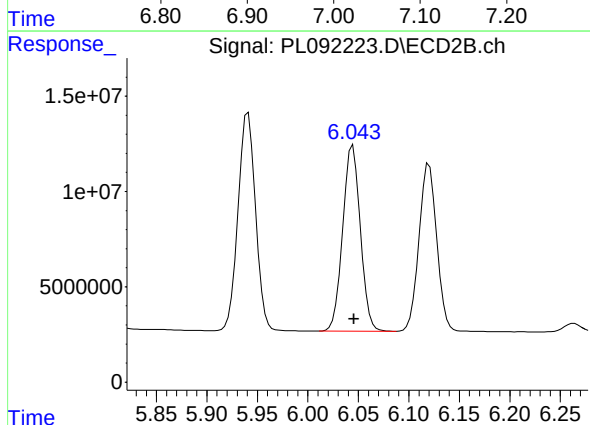
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 91029347
Conc: 49.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163891BS

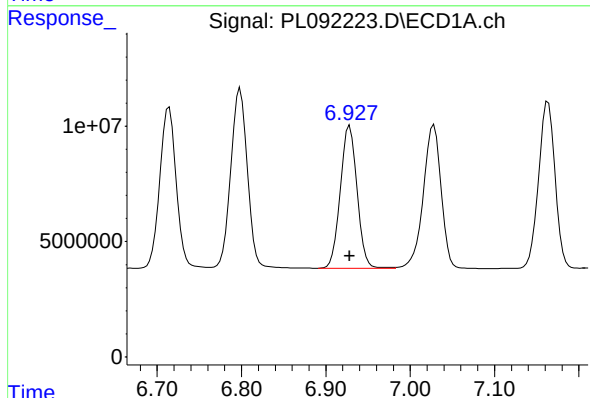
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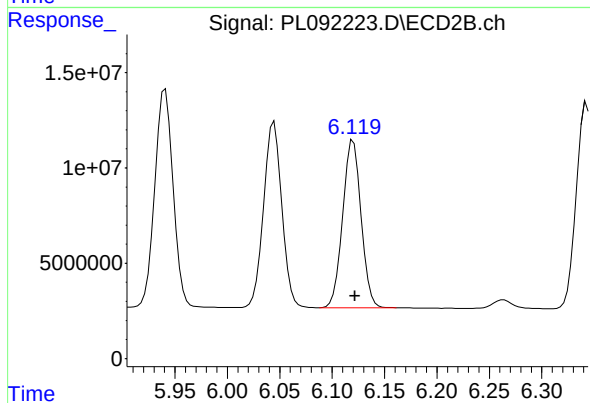
#17 4,4'-DDT

R.T.: 6.045 min
Delta R.T.: -0.001 min
Response: 118664250
Conc: 51.30 ng/ml



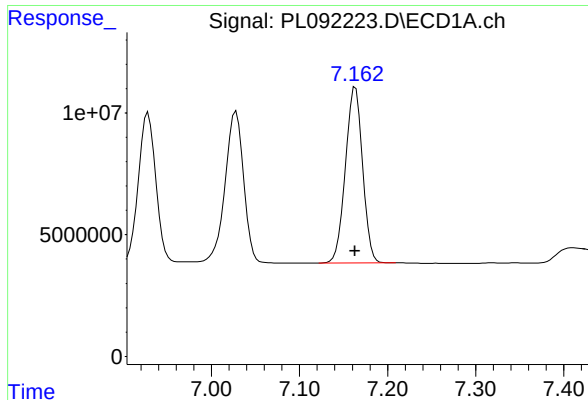
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 85421009
Conc: 49.01 ng/ml



#18 Endrin aldehyde

R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 107499674
Conc: 52.68 ng/ml



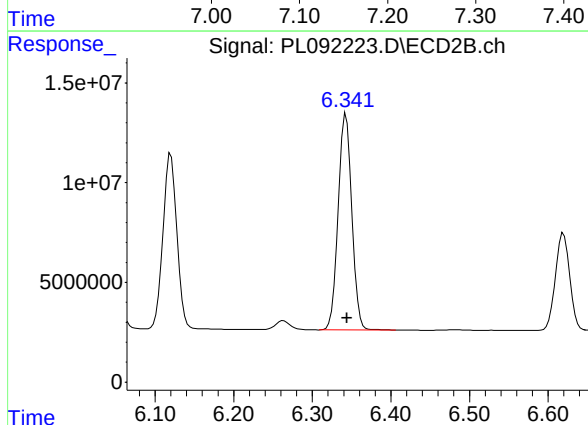
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 97798954
Conc: 49.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163891BS

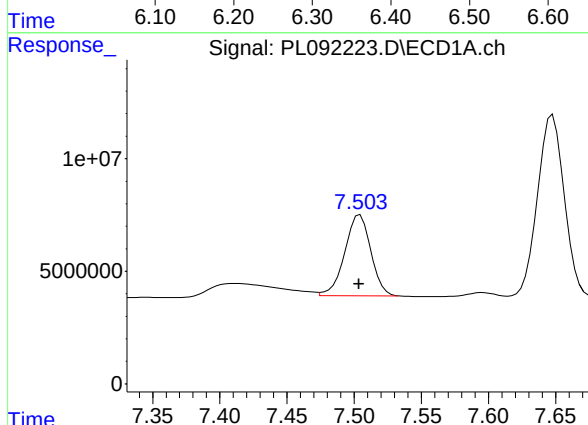
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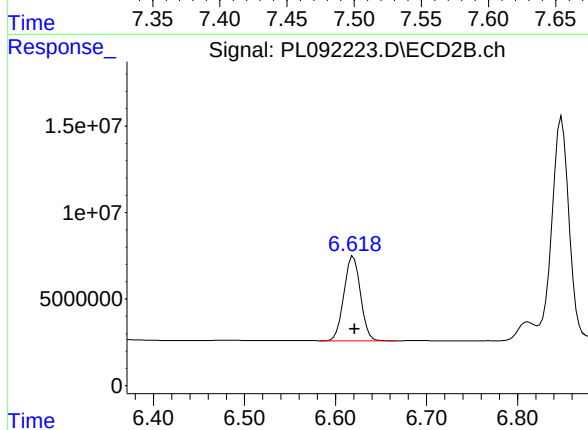
#19 Endosulfan Sulfate

R.T.: 6.343 min
Delta R.T.: -0.001 min
Response: 130893066
Conc: 54.26 ng/ml



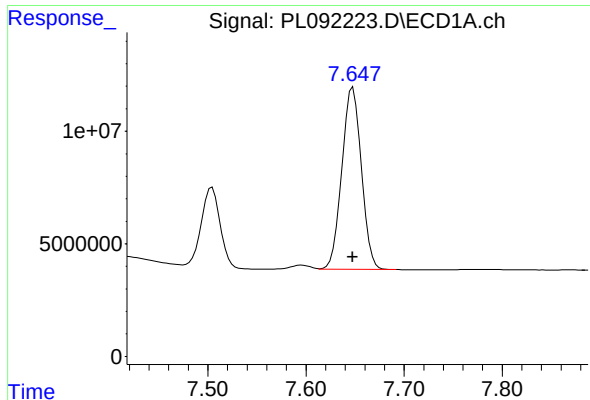
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 48946596
Conc: 49.86 ng/ml m



#20 Methoxychlor

R.T.: 6.620 min
Delta R.T.: -0.001 min
Response: 61885358
Conc: 49.49 ng/ml



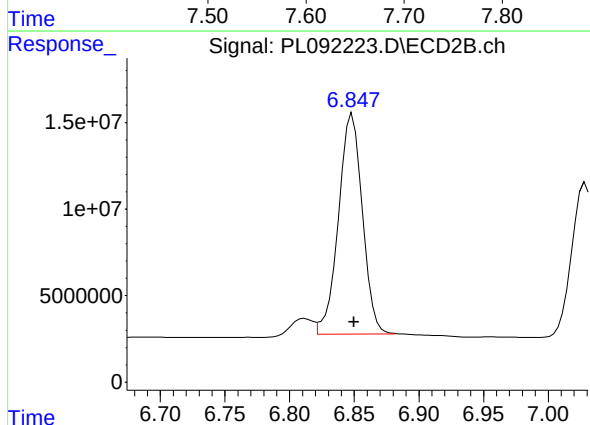
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 111957198
Conc: 50.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163891BS

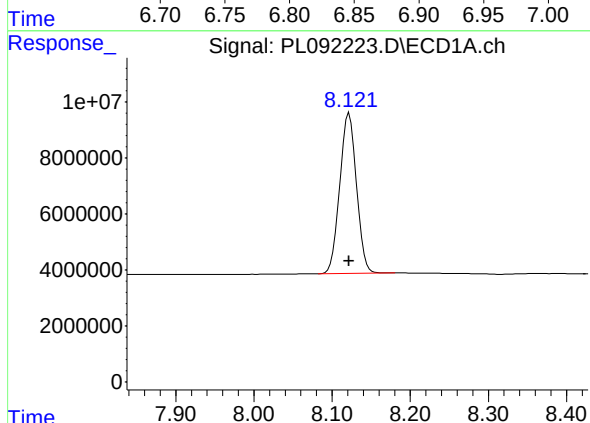
Manual Integrations
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Reviewed By :Abdul Mirza 10/04/2024
Supervised By :Ankita Jodhani 10/04/2024



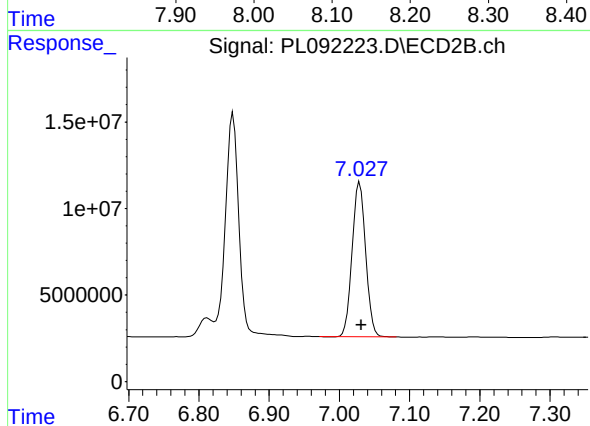
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 163236301
Conc: 58.95 ng/ml m



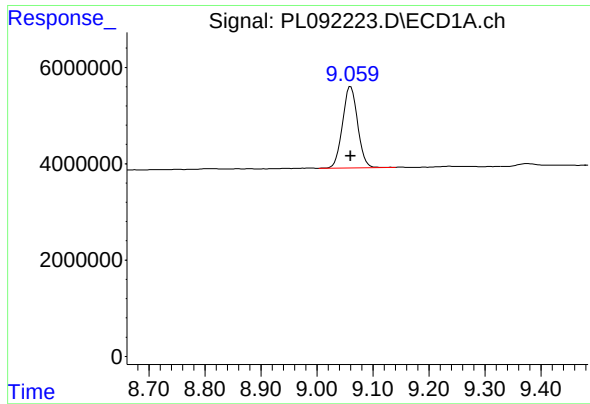
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 85279363
Conc: 47.35 ng/ml



#22 Mirex

R.T.: 7.029 min
Delta R.T.: -0.002 min
Response: 119971343
Conc: 49.32 ng/ml



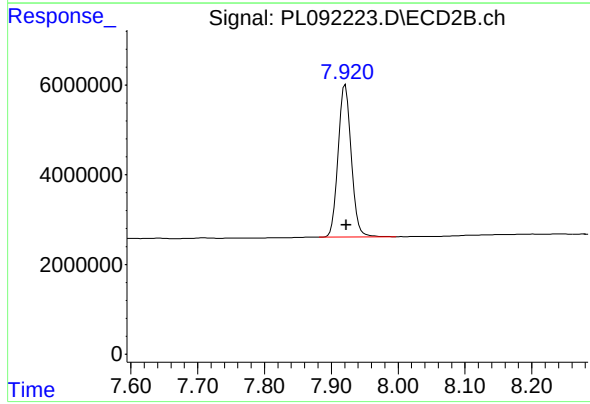
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 31565412
Conc: 19.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163891BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.001 min
Response: 46330137
Conc: 18.52 ng/ml