

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100824\
 Data File : PL092275.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Oct 2024 16:35
 Operator : AR\AJ
 Sample : PB163986BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163986BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/09/2024
 Supervised By :Ankita Jodhani 10/09/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 02:15:09 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...	3.543	2.781	43702260	48376306	19.644	19.288
28)	SA Decachlor...	9.060	7.921	34130413	47438107	20.834	18.961
Target Compounds							
2)	A alpha-BHC	3.999	3.283	146.8E6	184.5E6	47.409	50.634
3)	MA gamma-BHC...	4.331	3.613	139.2E6	174.4E6	44.930	49.394
4)	MA Heptachlor	4.920	3.953	129.4E6	170.9E6	46.776	49.530
5)	MB Aldrin	5.262	4.231	124.2E6	164.5E6	44.701	48.373m
6)	B beta-BHC	4.529	3.913	63185348	76215220	47.638	50.705
7)	B delta-BHC	4.776	4.142	134.6E6	172.2E6	46.658	49.603
8)	B Heptachlo...	5.688	4.734	116.3E6	155.1E6	45.698	51.295m
9)	A Endosulfan I	6.074	5.105	107.9E6	139.8E6	46.627	50.946
10)	B gamma-Chl...	5.944	4.985	117.4E6	157.0E6	47.492	52.193
11)	B alpha-Chl...	6.023	5.049	117.4E6	154.1E6	47.642	51.474
12)	B 4,4'-DDE	6.197	5.238	102.8E6	147.1E6	47.486	52.932
13)	MA Dieldrin	6.349	5.369	112.6E6	150.2E6	46.158	51.247
14)	MA Endrin	6.577	5.645	87625501	119.7E6	42.522m	45.663
15)	B Endosulfa...	6.798	5.940	100.9E6	127.4E6	45.889	50.912
16)	A 4,4'-DDD	6.714	5.793	90562756	119.3E6	50.433	55.827
17)	MA 4,4'-DDT	7.028	6.044	82771569	105.4E6	44.955	45.575
18)	B Endrin al...	6.928	6.119	79740071	100.0E6	45.755	49.022
19)	B Endosulfa...	7.163	6.342	91784997	121.0E6	46.303	50.152
20)	A Methoxychlor	7.504	6.619	42814289	55223683	43.612	44.167
21)	B Endrin ke...	7.648	6.848	106.8E6	143.5E6	48.578	51.817
22)	Mirex	8.121	7.029	78798165	110.3E6	43.753	45.347

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100824\
Data File : PL092275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Oct 2024 16:35
Operator : AR\AJ
Sample : PB163986BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB163986BS

Manual Integrations

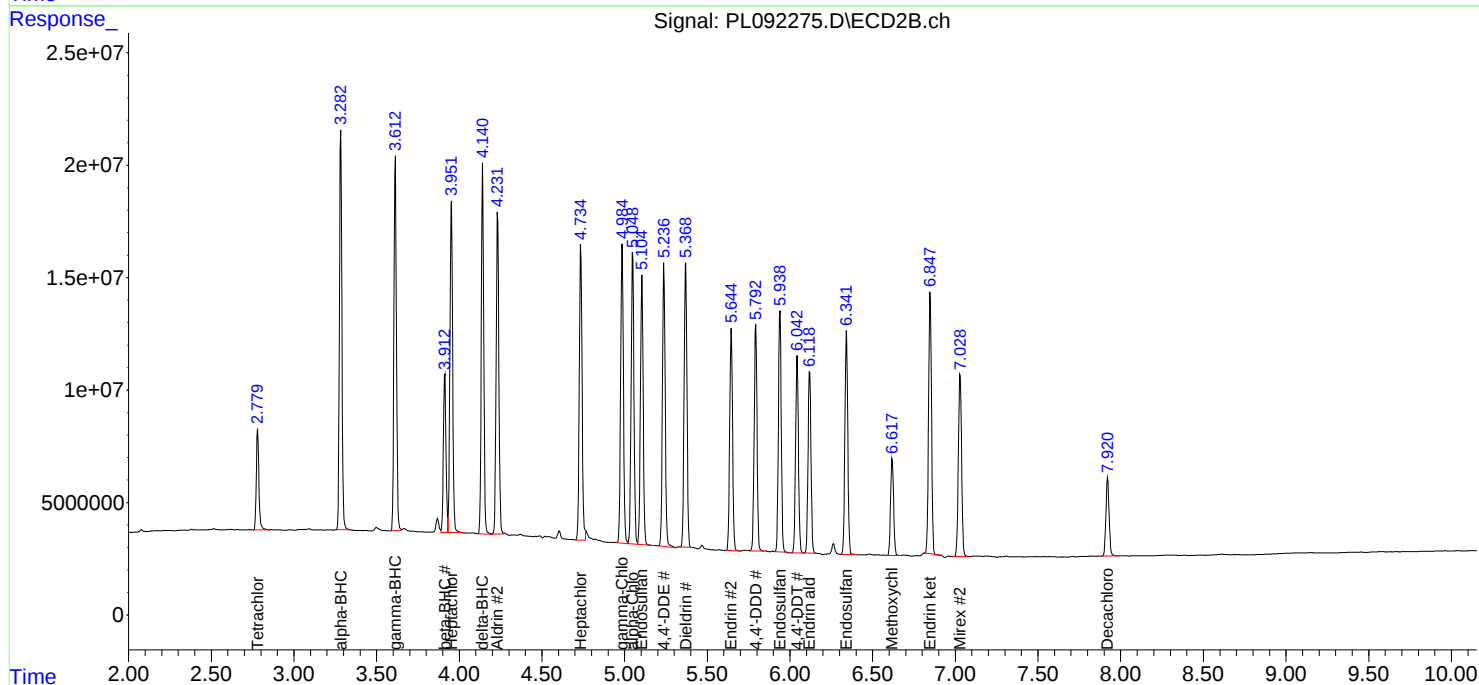
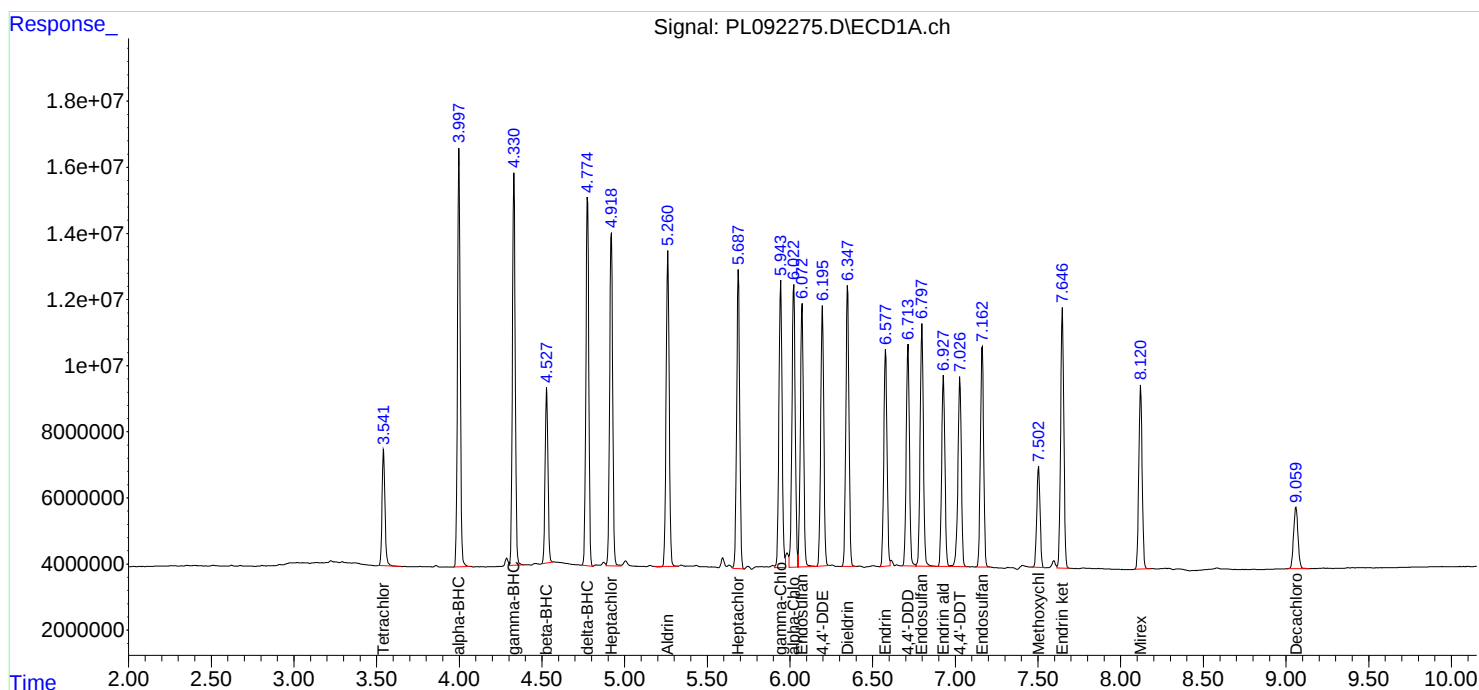
APPROVED

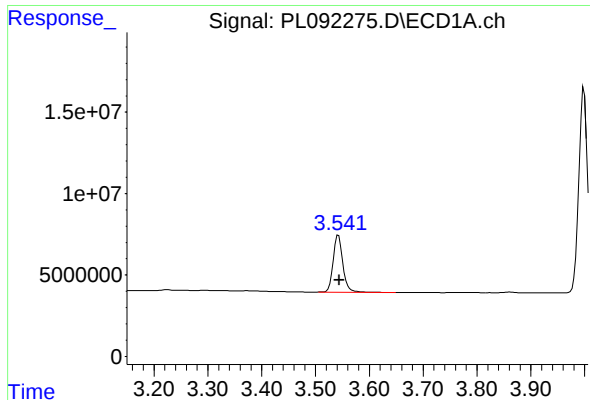
Reviewed By :Abdul Mirza 10/09/2024

Supervised By :Ankita Jodhani 10/09/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 02:15:09 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





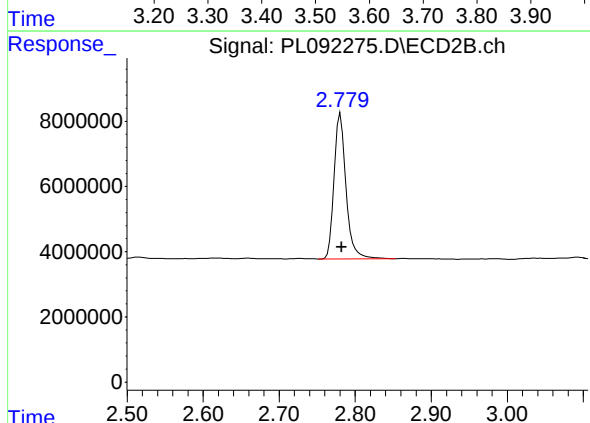
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: -0.001 min
Response: 43702260
Conc: 19.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BS

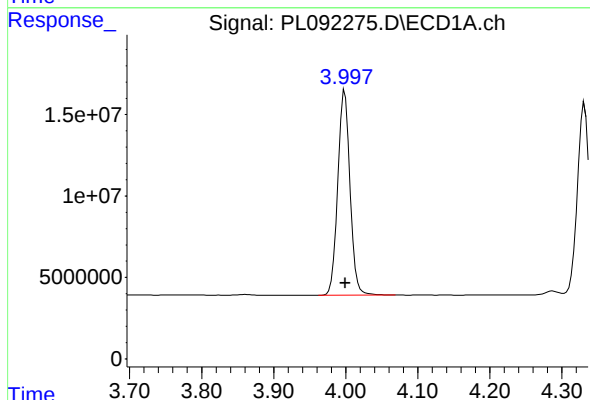
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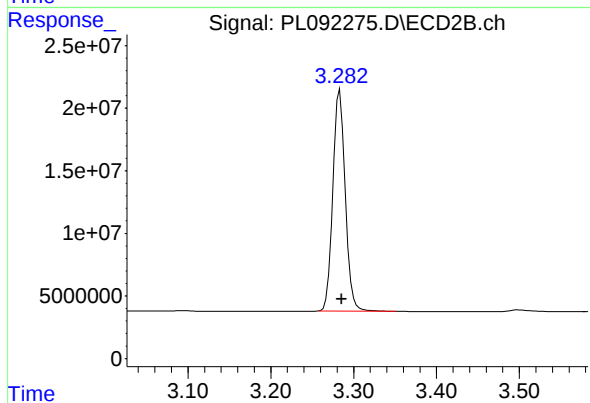
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.002 min
Response: 48376306
Conc: 19.29 ng/ml



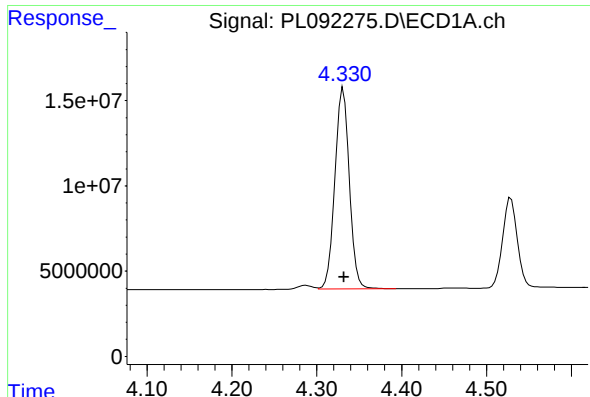
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 146803640
Conc: 47.41 ng/ml



#2 alpha-BHC

R.T.: 3.283 min
Delta R.T.: -0.002 min
Response: 184474779
Conc: 50.63 ng/ml



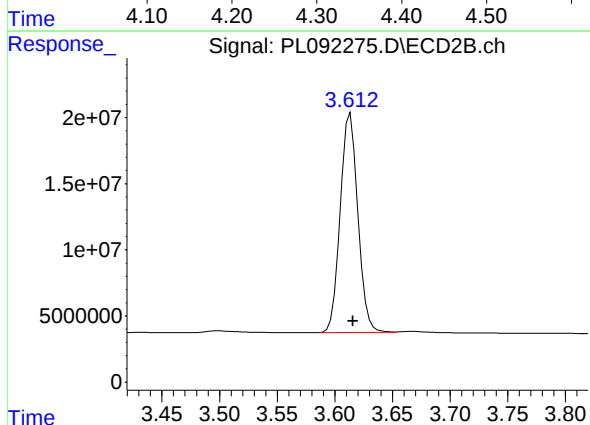
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 139229275
Conc: 44.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BS

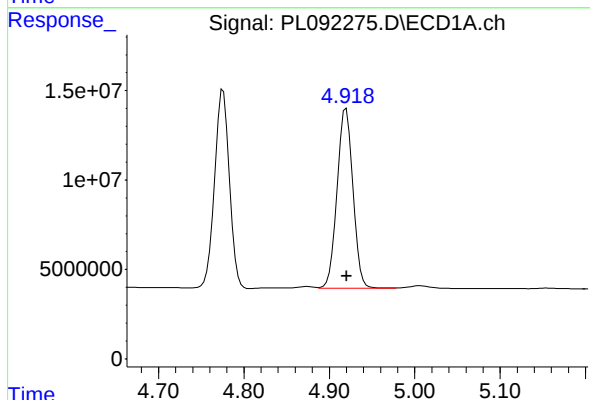
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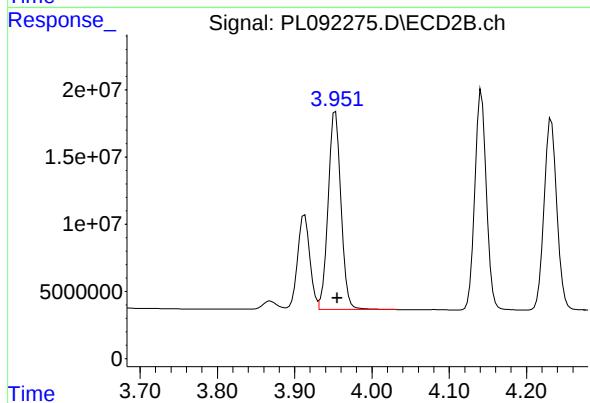
#3 gamma-BHC (Lindane)

R.T.: 3.613 min
Delta R.T.: -0.002 min
Response: 174409506
Conc: 49.39 ng/ml



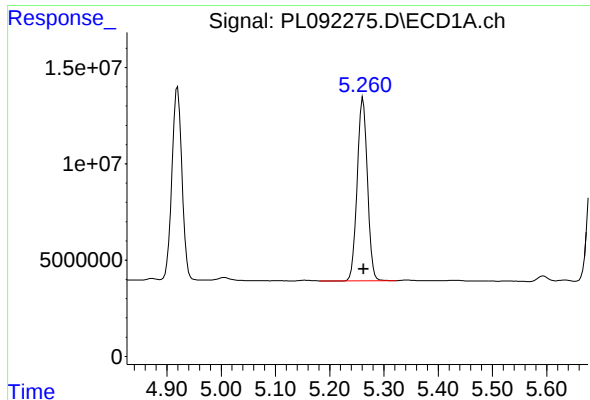
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.000 min
Response: 129357232
Conc: 46.78 ng/ml



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 170907251
Conc: 49.53 ng/ml



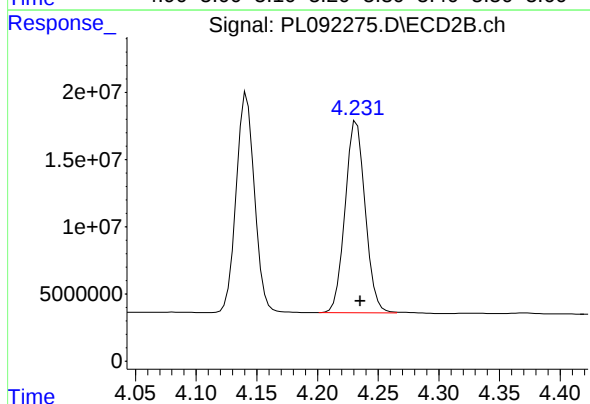
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.001 min
Response: 124161558
Conc: 44.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BS

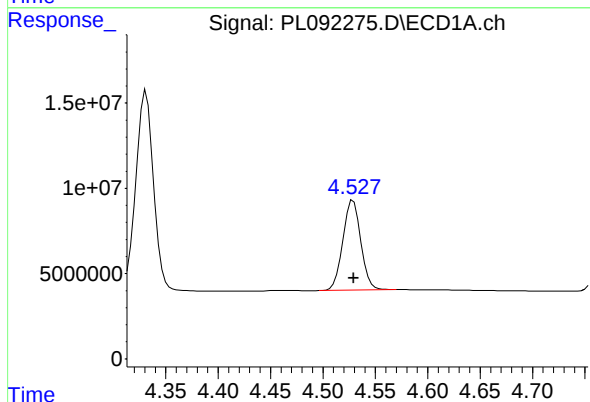
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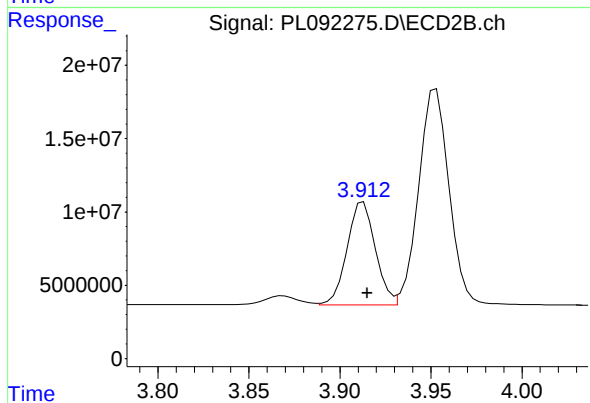
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: -0.005 min
Response: 164519798
Conc: 48.37 ng/ml m



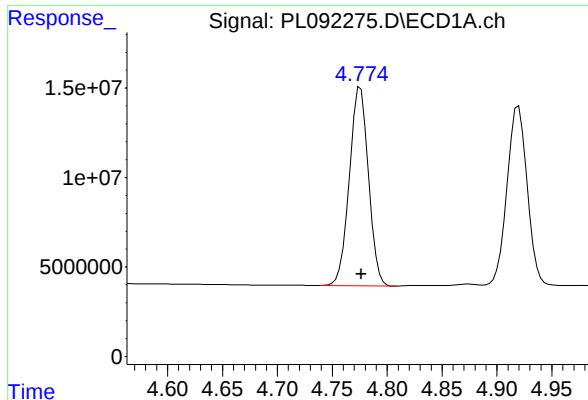
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 63185348
Conc: 47.64 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 76215220
Conc: 50.71 ng/ml



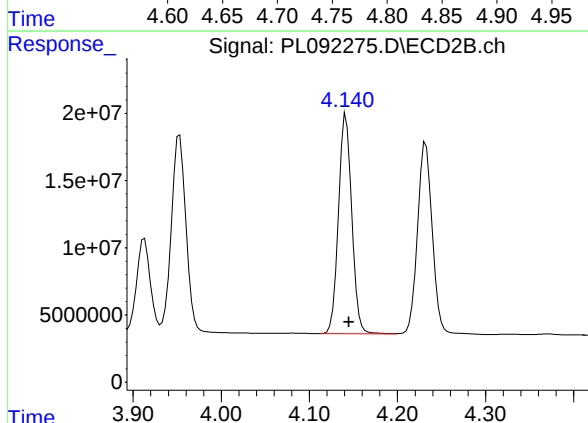
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 134571041
Conc: 46.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BS

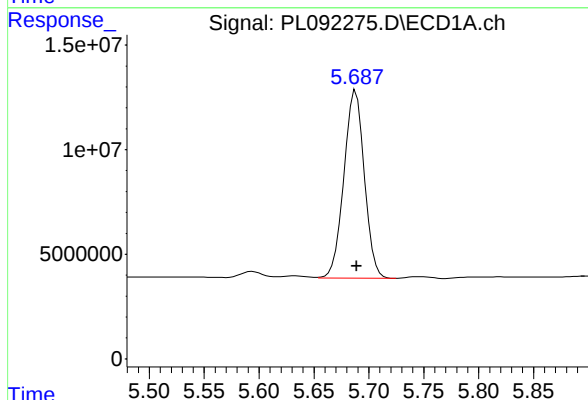
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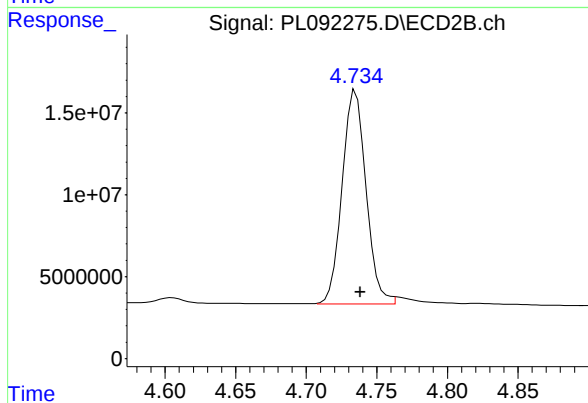
#7 delta-BHC

R.T.: 4.142 min
Delta R.T.: -0.003 min
Response: 172206032
Conc: 49.60 ng/ml



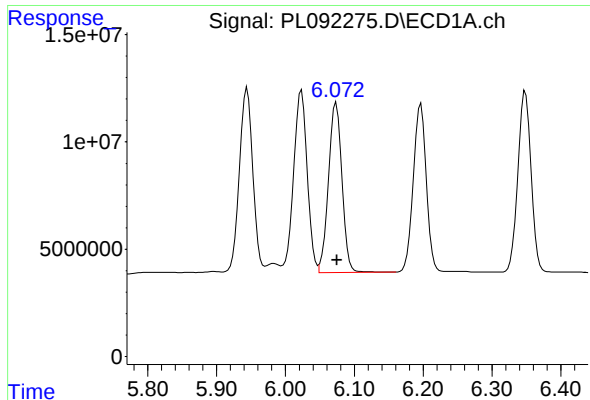
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 116300153
Conc: 45.70 ng/ml



#8 Heptachlor epoxide

R.T.: 4.734 min
Delta R.T.: -0.005 min
Response: 155058438
Conc: 51.29 ng/ml m



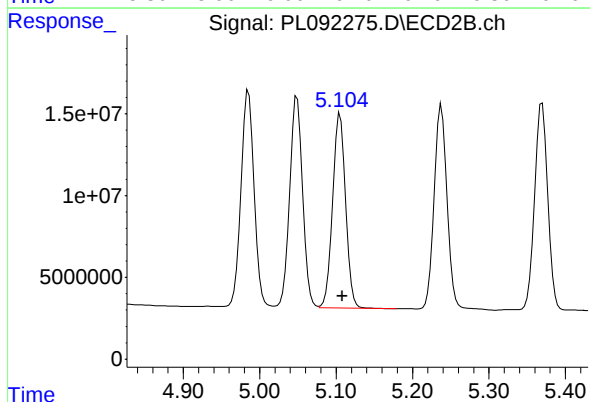
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 107867818
Conc: 46.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BS

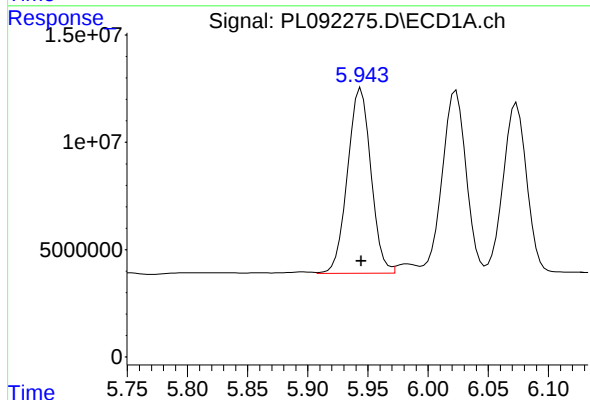
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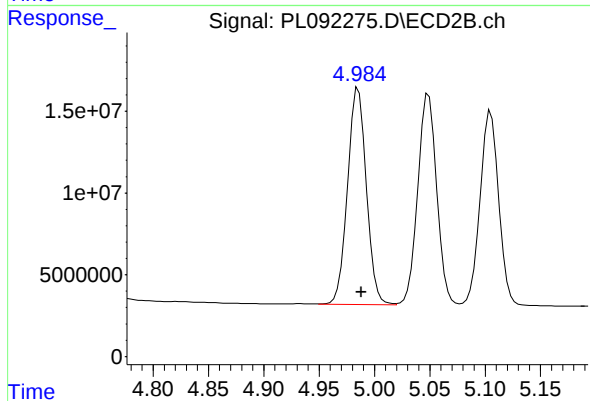
#9 Endosulfan I

R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 139828320
Conc: 50.95 ng/ml



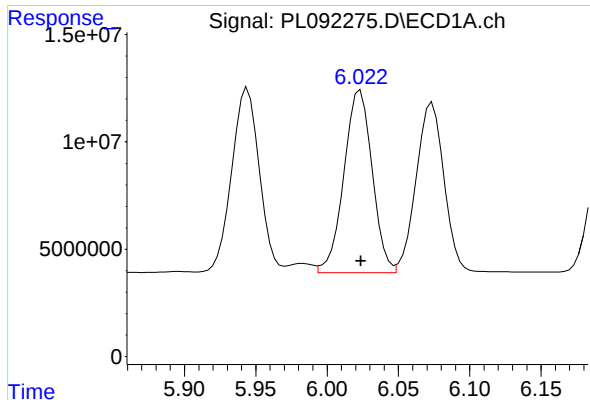
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 117362731
Conc: 47.49 ng/ml



#10 gamma-Chlordane

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 157027309
Conc: 52.19 ng/ml



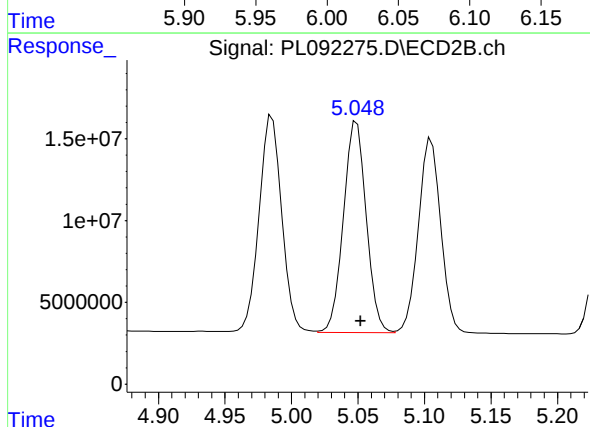
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: 0.000 min
Response: 117358117
Conc: 47.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BS

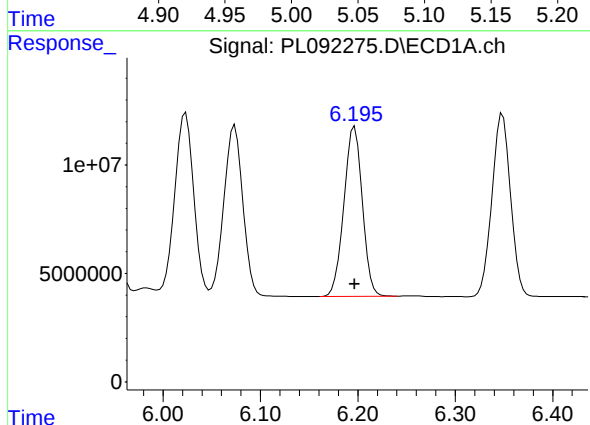
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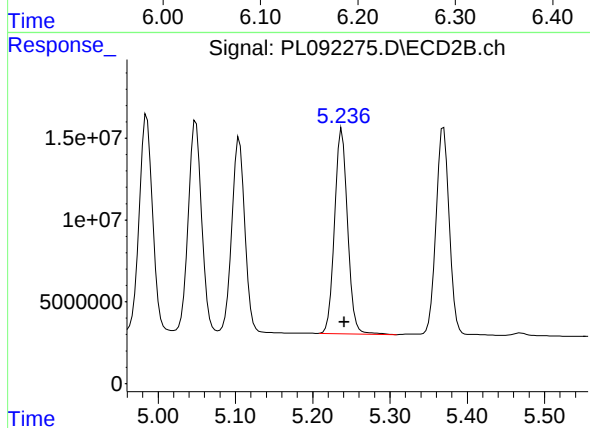
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 154090365
Conc: 51.47 ng/ml



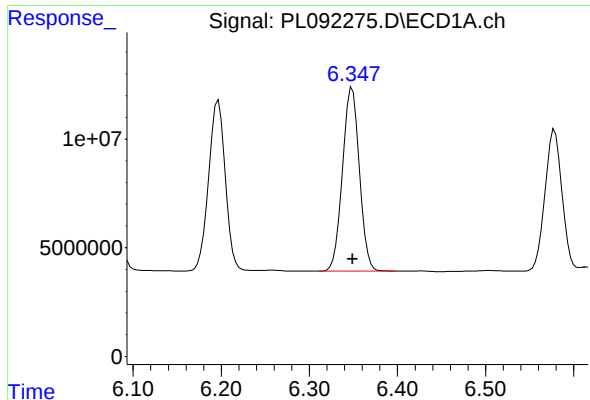
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 102780709
Conc: 47.49 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: -0.003 min
Response: 147089626
Conc: 52.93 ng/ml



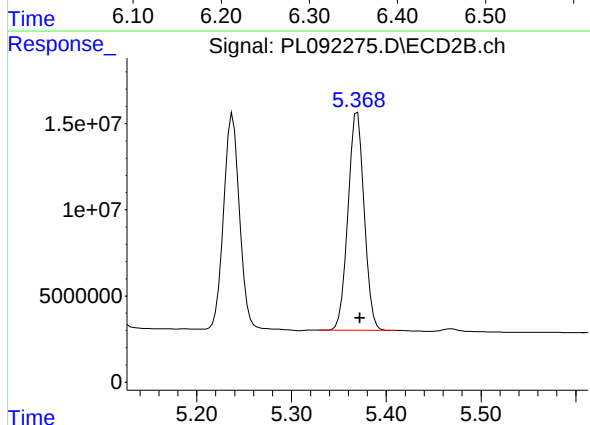
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 112572711
Conc: 46.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BS

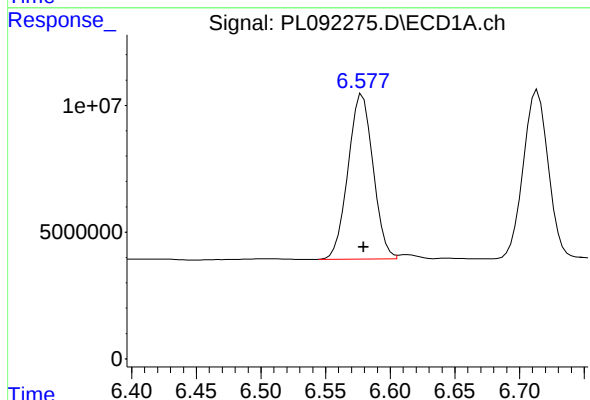
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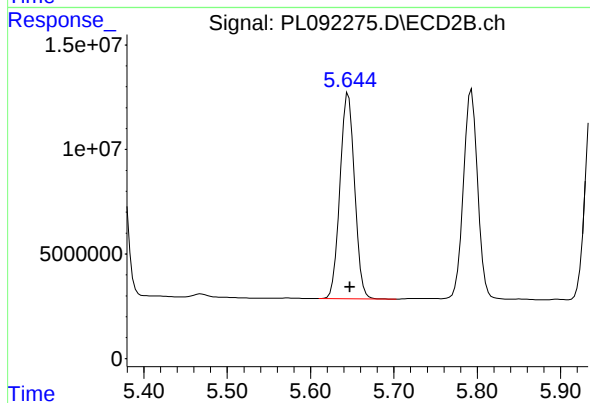
#13 Dieldrin

R.T.: 5.369 min
Delta R.T.: -0.003 min
Response: 150247908
Conc: 51.25 ng/ml



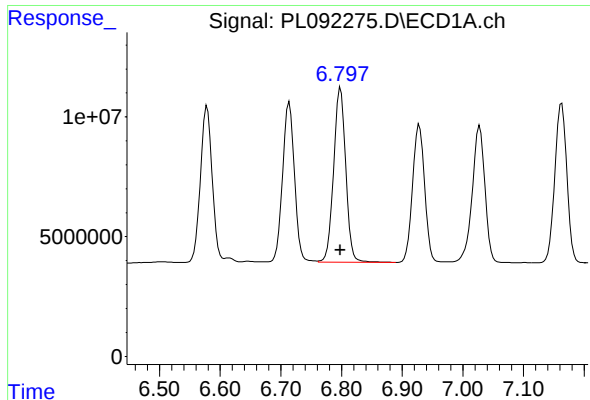
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 87625501
Conc: 42.52 ng/ml m



#14 Endrin

R.T.: 5.645 min
Delta R.T.: -0.002 min
Response: 119735705
Conc: 45.66 ng/ml



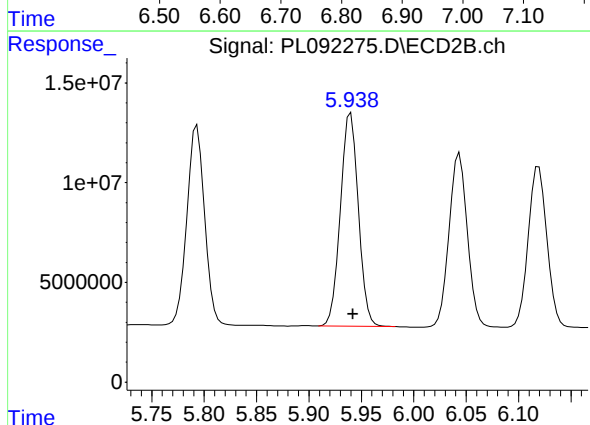
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 100943373
Conc: 45.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BS

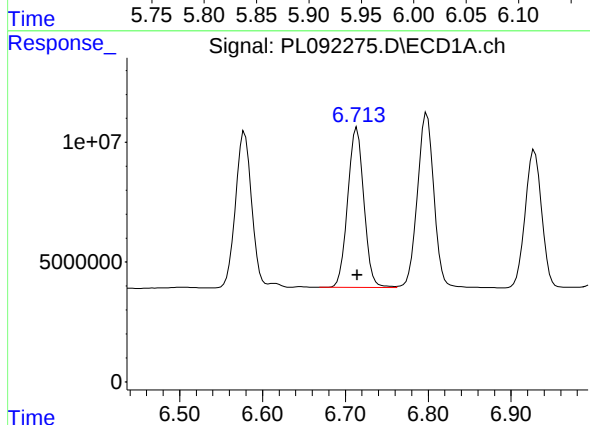
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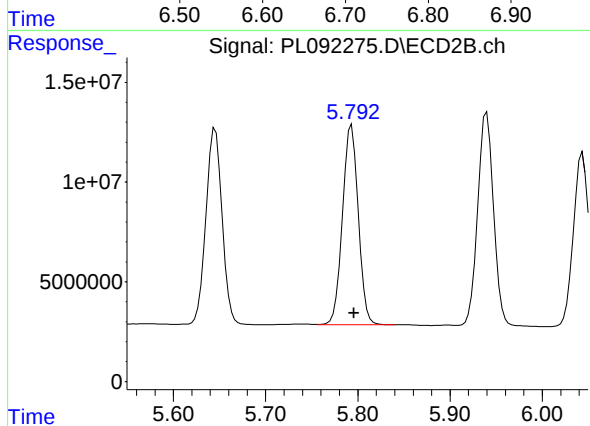
#15 Endosulfan II

R.T.: 5.940 min
Delta R.T.: -0.002 min
Response: 127402021
Conc: 50.91 ng/ml



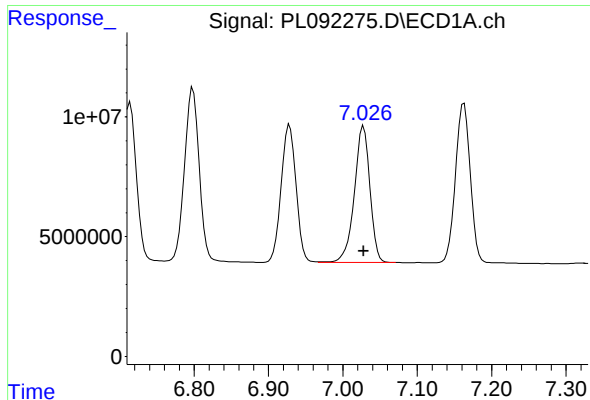
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 90562756
Conc: 50.43 ng/ml



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 119259597
Conc: 55.83 ng/ml



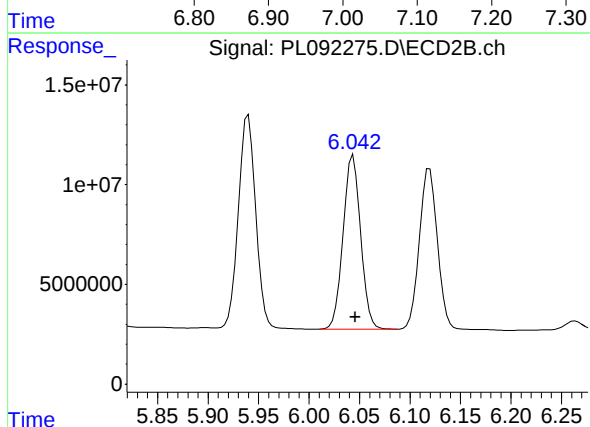
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 82771569
Conc: 44.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BS

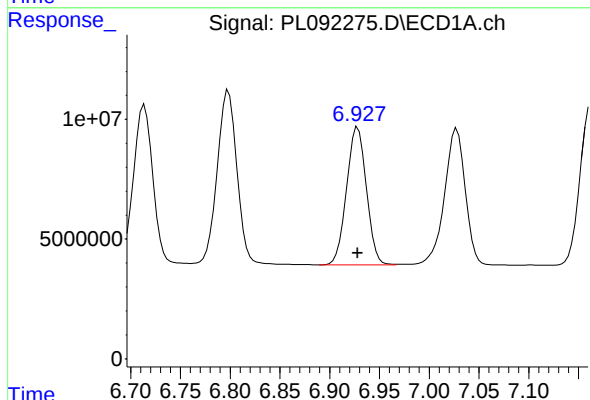
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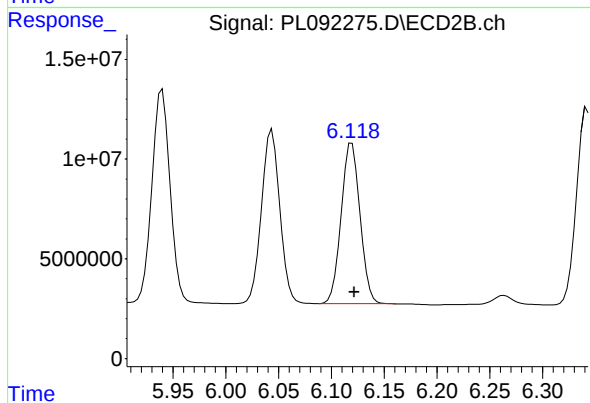
#17 4,4'-DDT

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 105423187
Conc: 45.58 ng/ml



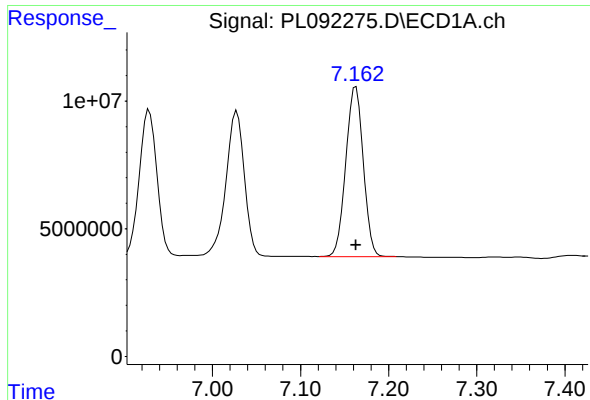
#18 Endrin aldehyde

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 79740071
Conc: 45.75 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 100039827
Conc: 49.02 ng/ml



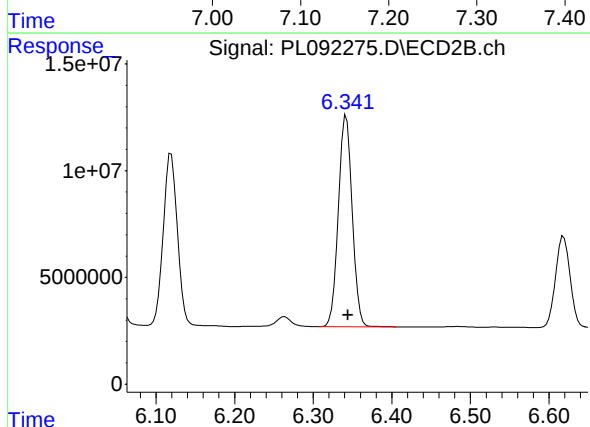
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 91784997
Conc: 46.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BS

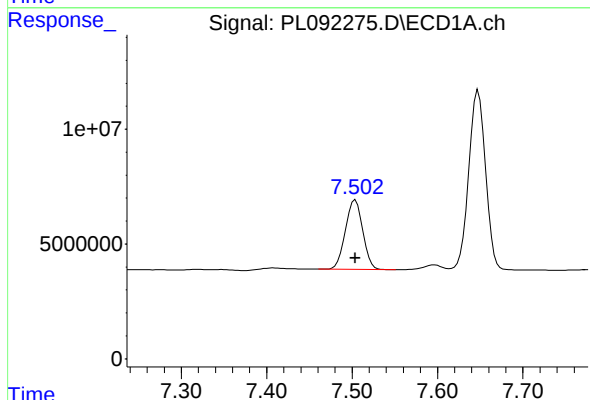
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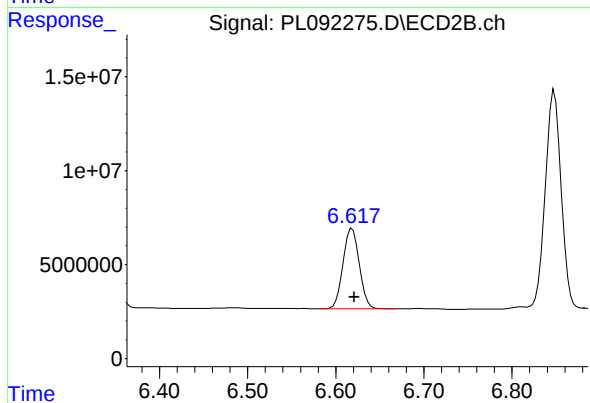
#19 Endosulfan Sulfate

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 120991925
Conc: 50.15 ng/ml



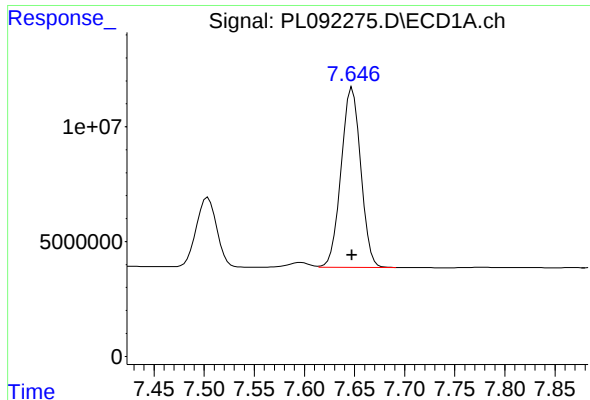
#20 Methoxychlor

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 42814289
Conc: 43.61 ng/ml



#20 Methoxychlor

R.T.: 6.619 min
Delta R.T.: -0.002 min
Response: 55223683
Conc: 44.17 ng/ml



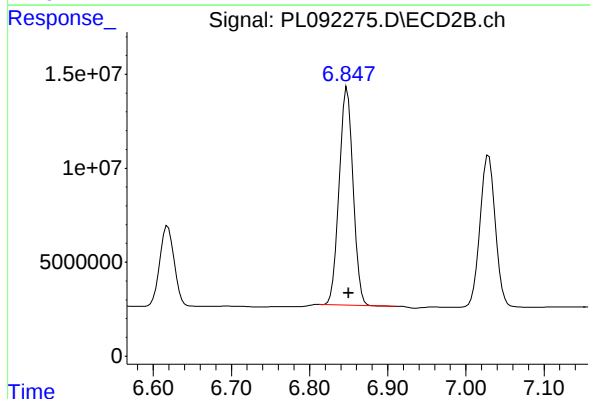
#21 Endrin ketone

R.T.: 7.648 min
Delta R.T.: 0.000 min
Response: 106753331
Conc: 48.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BS

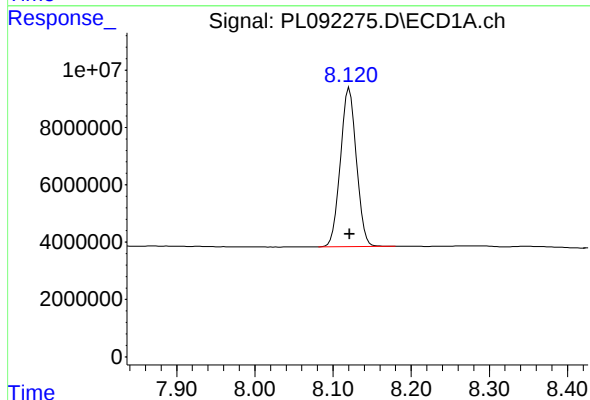
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/09/2024
Supervised By :Ankita Jodhani 10/09/2024



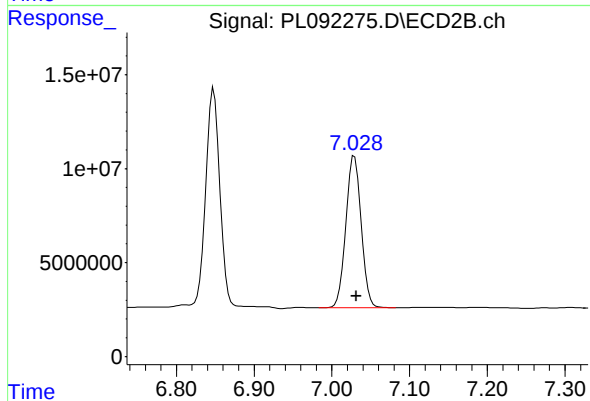
#21 Endrin ketone

R.T.: 6.848 min
Delta R.T.: -0.002 min
Response: 143479603
Conc: 51.82 ng/ml



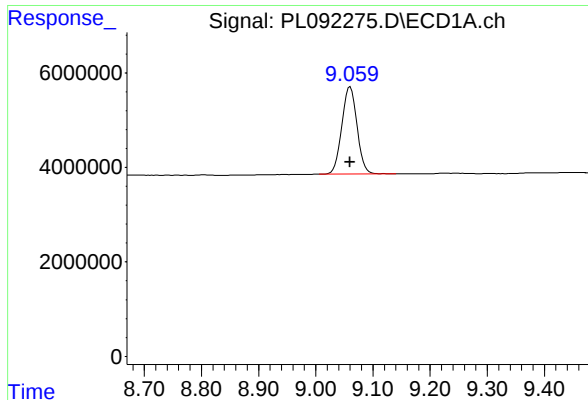
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 78798165
Conc: 43.75 ng/ml



#22 Mirex

R.T.: 7.029 min
Delta R.T.: -0.002 min
Response: 110313882
Conc: 45.35 ng/ml



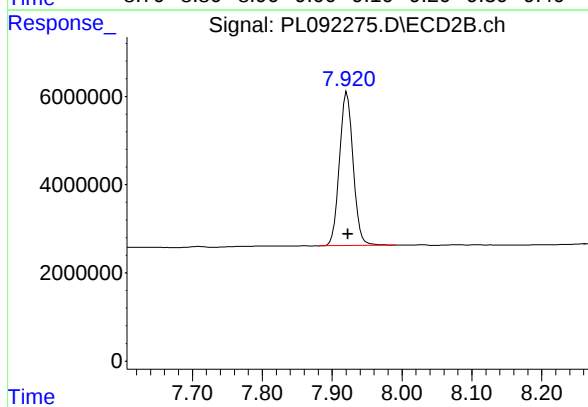
#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.000 min
Response: 34130413
Conc: 20.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163986BS

Manual Integrations
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Supervised By :Ankita Jodhani 10/09/2024



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: -0.001 min
Response: 47438107
Conc: 18.96 ng/ml