

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100724\
 Data File : PL092252.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2024 18:35
 Operator : AR\AJ
 Sample : PB163904BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB163904BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/07/2024
 Supervised By : Ankita Jodhani 10/07/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 23:44:15 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	41436067	47433976	18.626	18.912
28)	SA Decachlor...	9.058	7.920	31122800	43981046	18.998	17.579
Target Compounds							
2)	A alpha-BHC	3.998	3.284	159.6E6	205.7E6	51.526	56.463
3)	MA gamma-BHC...	4.331	3.614	151.8E6	194.0E6	48.974	54.936
4)	MA Heptachlor	4.919	3.953	134.9E6	186.7E6	48.773	54.094
5)	MB Aldrin	5.261	4.232	132.0E6	183.0E6	47.533	53.799m
6)	B beta-BHC	4.528	3.913	67999167	83871806	51.267	55.799
7)	B delta-BHC	4.775	4.143	141.8E6	191.1E6	49.172	55.053
8)	B Heptachlo...	5.688	4.736	122.2E6	169.0E6	48.032	55.909
9)	A Endosulfan I	6.073	5.105	114.6E6	149.8E6	49.540	54.592
10)	B gamma-Chl...	5.942	4.986	122.7E6	167.5E6	49.646m	55.661
11)	B alpha-Chl...	6.022	5.049	123.0E6	163.7E6	49.917	54.697
12)	B 4,4'-DDE	6.196	5.238	109.7E6	155.2E6	50.672	55.852
13)	MA Dieldrin	6.348	5.370	120.1E6	159.4E6	49.238	54.381
14)	MA Endrin	6.576	5.646	88817684	124.4E6	43.101m	47.452
15)	B Endosulfa...	6.797	5.938	105.7E6	138.6E6	48.058	55.367m
16)	A 4,4'-DDD	6.712	5.793	95682571	132.2E6	53.284m	61.903
17)	MA 4,4'-DDT	7.026	6.043	85657488	109.6E6	46.523	47.397
18)	B Endrin al...	6.927	6.119	85318584	107.7E6	48.956	52.761
19)	B Endosulfa...	7.161	6.341	96461777	125.4E6	48.662	51.993
20)	A Methoxychlor	7.502	6.618	44169556	56722479	44.992	45.365
21)	B Endrin ke...	7.646	6.847	114.6E6	157.6E6	52.145	56.923
22)	Mirex	8.120	7.027	82849149	113.7E6	46.002	46.744m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100724\
Data File : PL092252.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Oct 2024 18:35
Operator : AR\AJ
Sample : PB163904BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

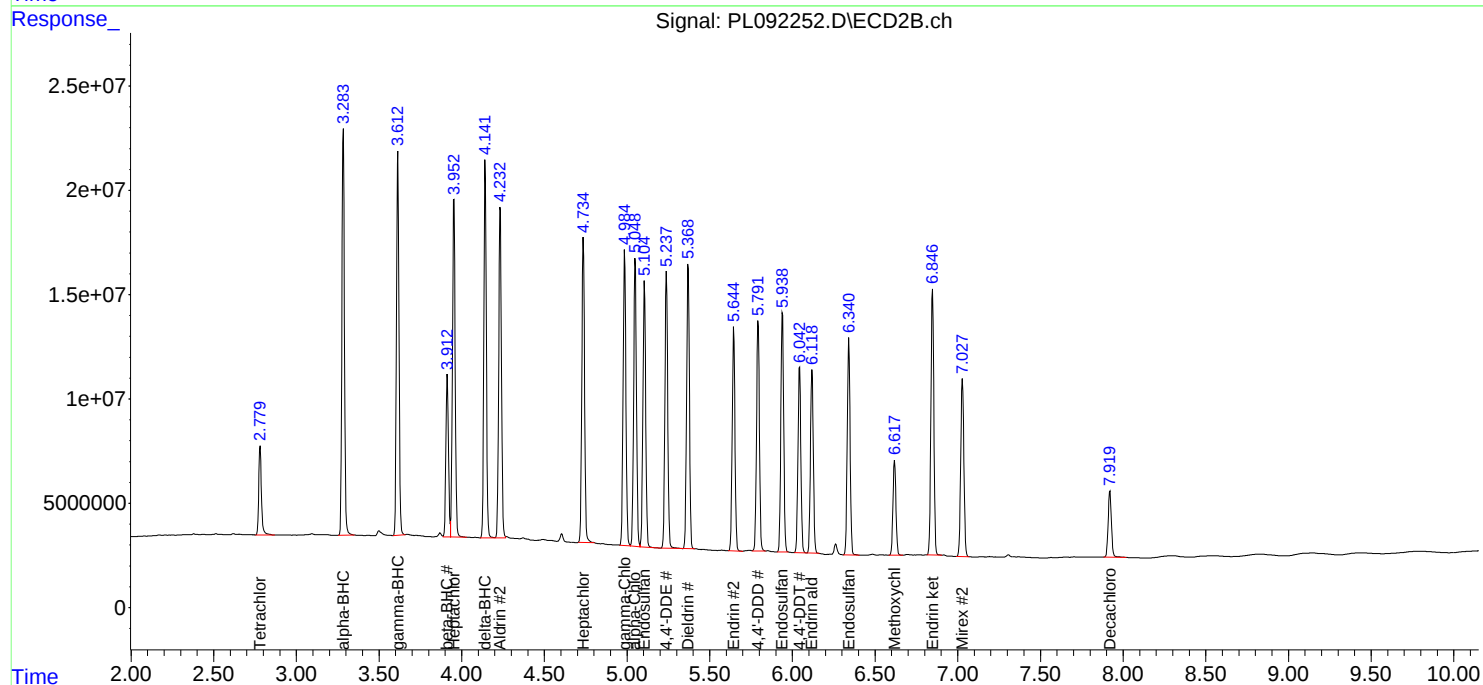
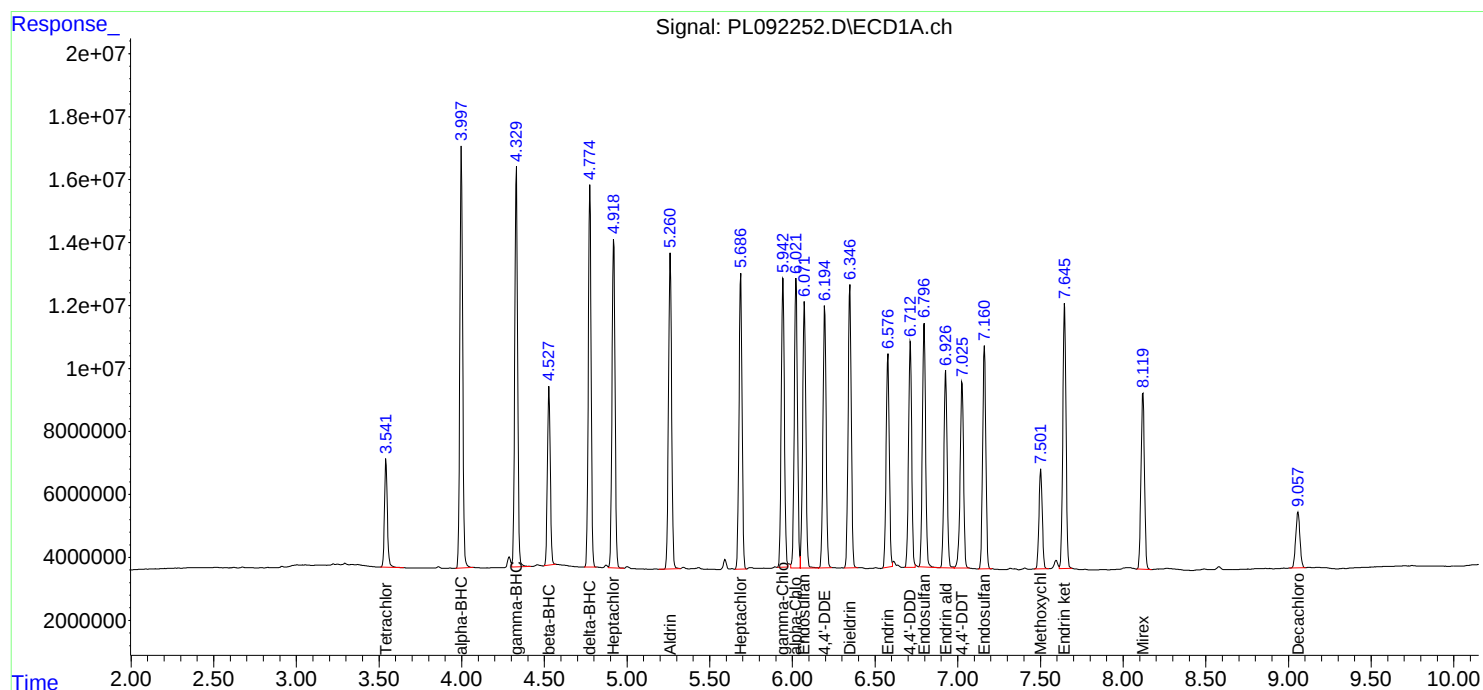
Instrument :
ECD_L
ClientSampleId :
PB163904BSD

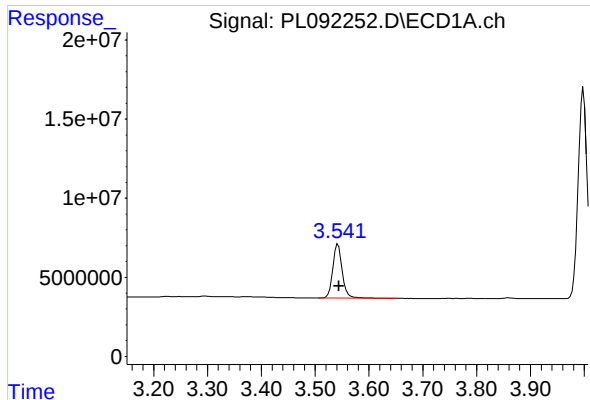
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 23:44:15 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





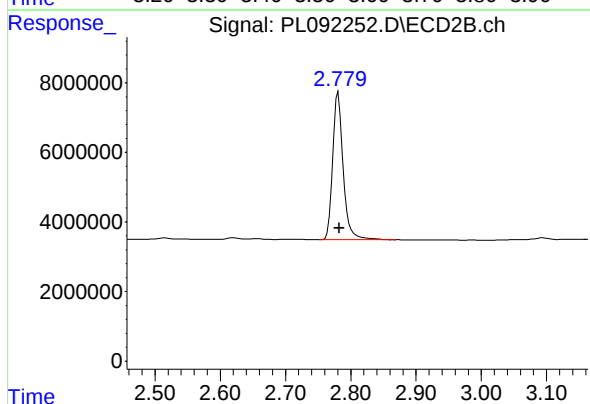
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 41436067
Conc: 18.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BSD

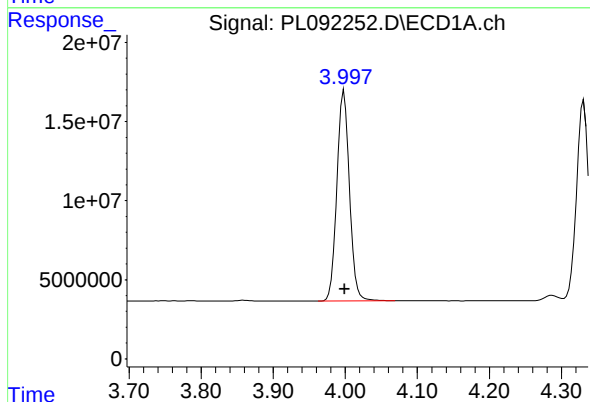
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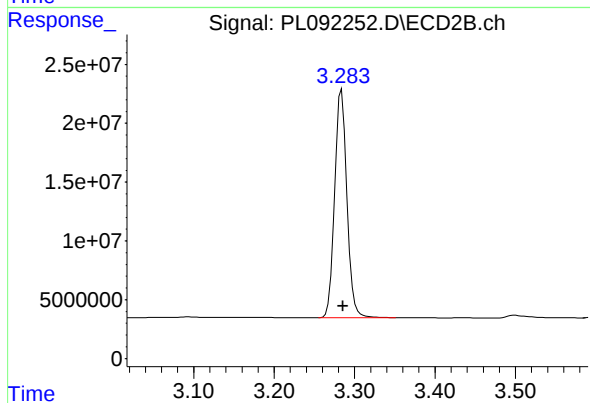
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.001 min
Response: 47433976
Conc: 18.91 ng/ml



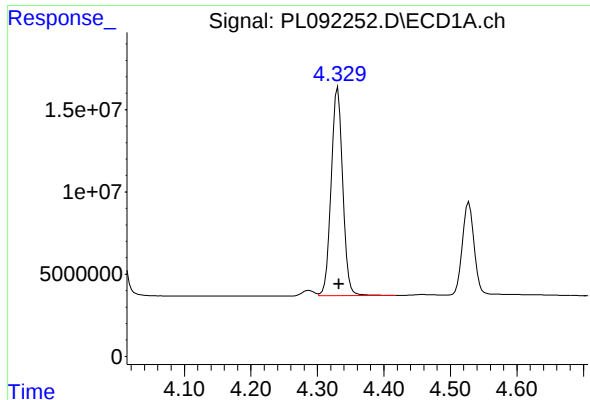
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.001 min
Response: 159550296
Conc: 51.53 ng/ml



#2 alpha-BHC

R.T.: 3.284 min
Delta R.T.: -0.002 min
Response: 205714503
Conc: 56.46 ng/ml



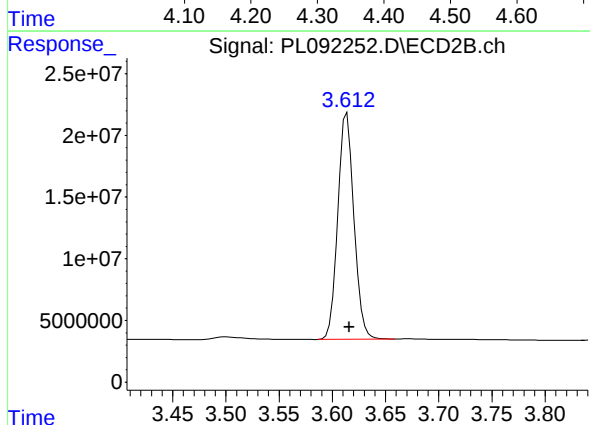
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 151761516
Conc: 48.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BSD

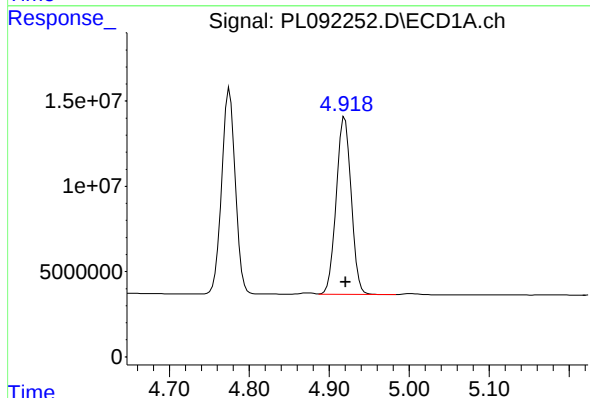
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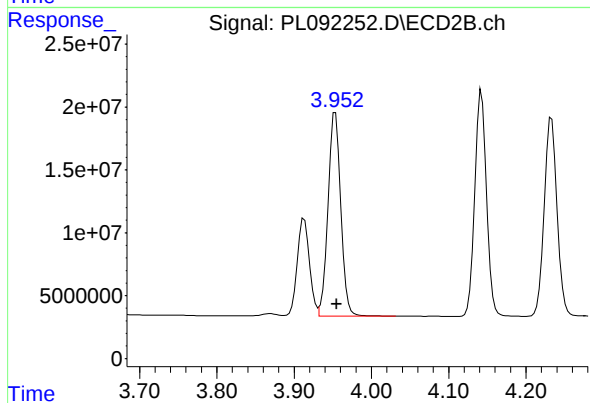
#3 gamma-BHC (Lindane)

R.T.: 3.614 min
Delta R.T.: -0.002 min
Response: 193978069
Conc: 54.94 ng/ml



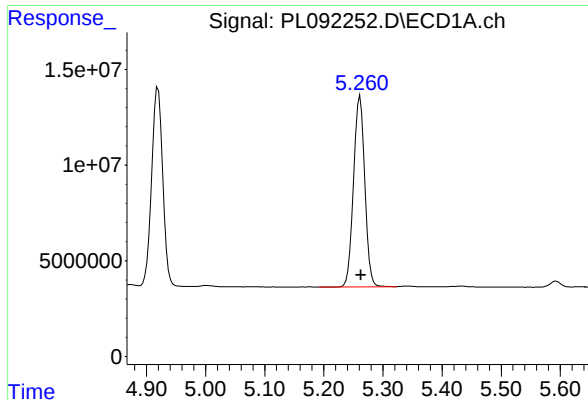
#4 Heptachlor

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 134879974
Conc: 48.77 ng/ml



#4 Heptachlor

R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 186657877
Conc: 54.09 ng/ml



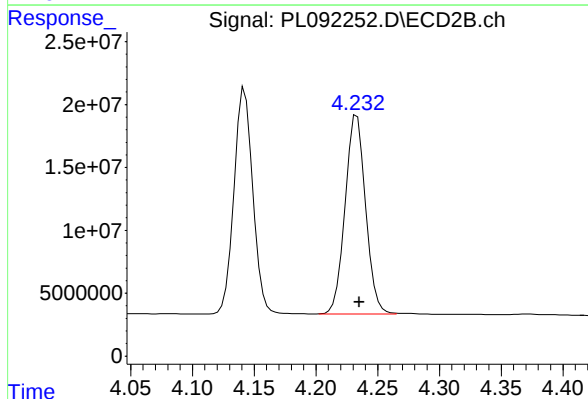
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: -0.002 min
Response: 132026779
Conc: 47.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BSD

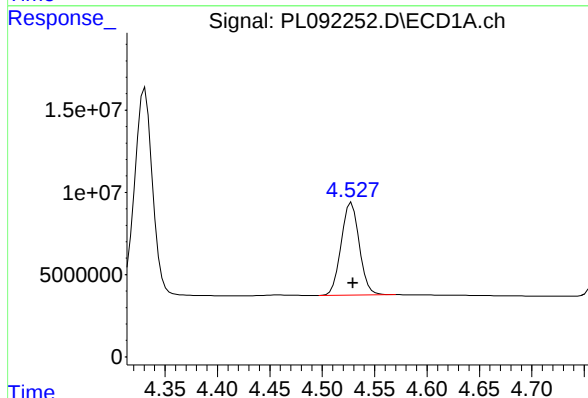
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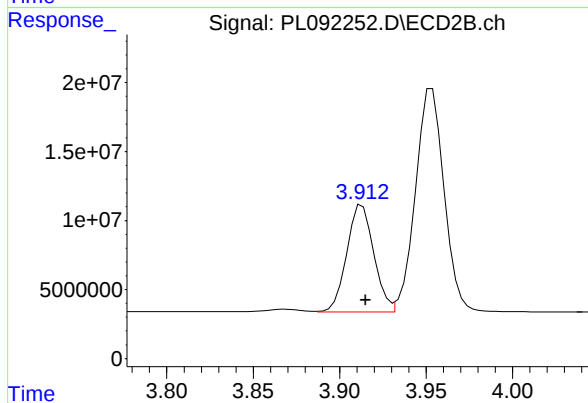
#5 Aldrin

R.T.: 4.232 min
Delta R.T.: -0.004 min
Response: 182974561
Conc: 53.80 ng/ml m



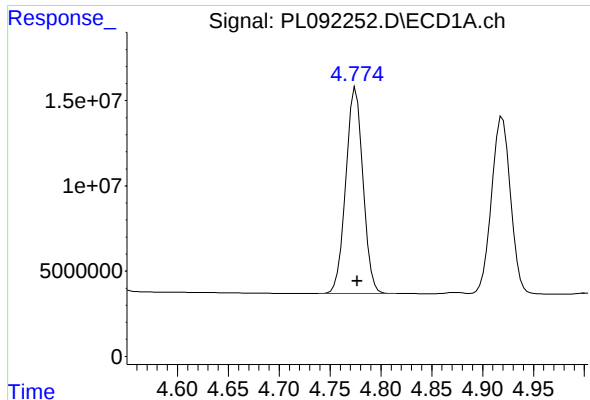
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 67999167
Conc: 51.27 ng/ml



#6 beta-BHC

R.T.: 3.913 min
Delta R.T.: -0.002 min
Response: 83871806
Conc: 55.80 ng/ml



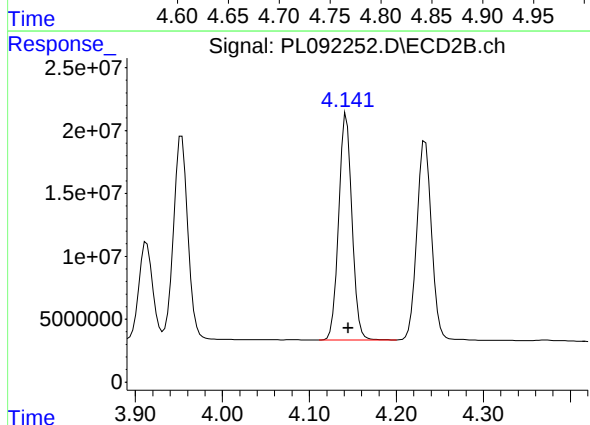
#7 delta-BHC

R.T.: 4.775 min
Delta R.T.: -0.001 min
Response: 141823635
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BSD

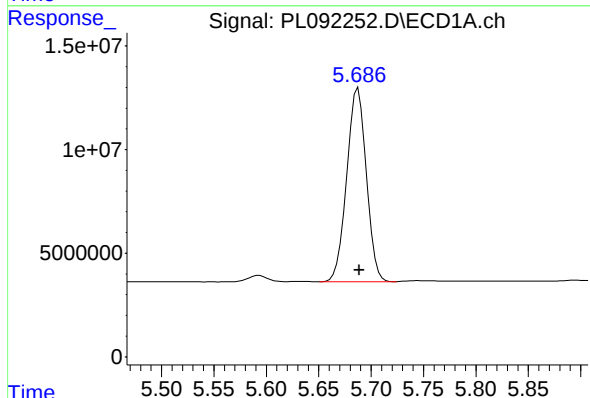
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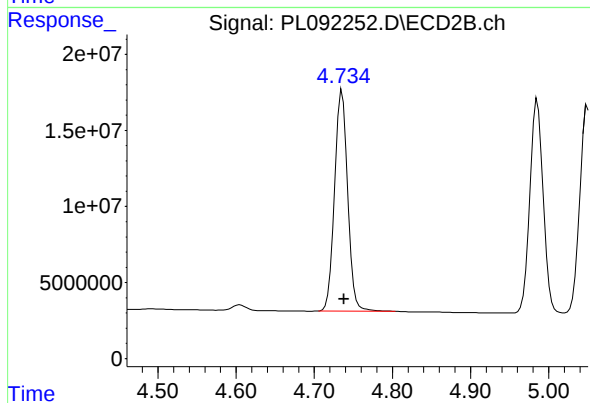
#7 delta-BHC

R.T.: 4.143 min
Delta R.T.: -0.002 min
Response: 191127821
Conc: 55.05 ng/ml



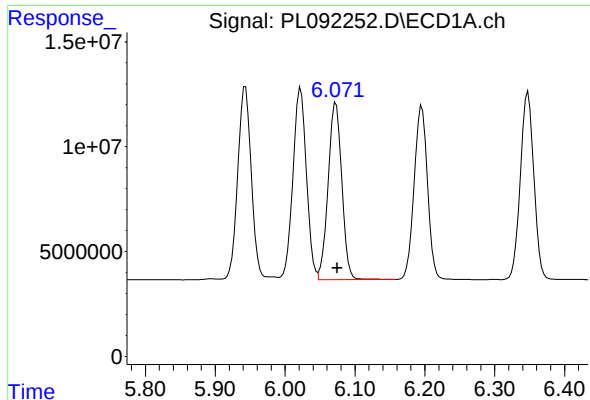
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.001 min
Response: 122242331
Conc: 48.03 ng/ml



#8 Heptachlor epoxide

R.T.: 4.736 min
Delta R.T.: -0.003 min
Response: 169005706
Conc: 55.91 ng/ml



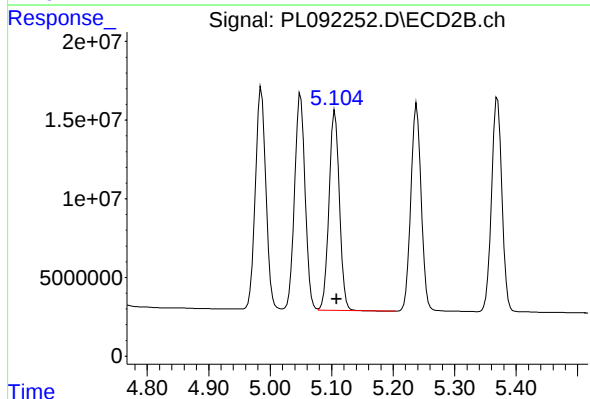
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 114606596
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BSD

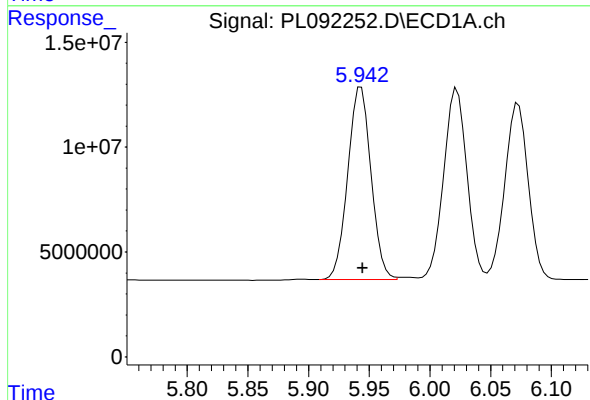
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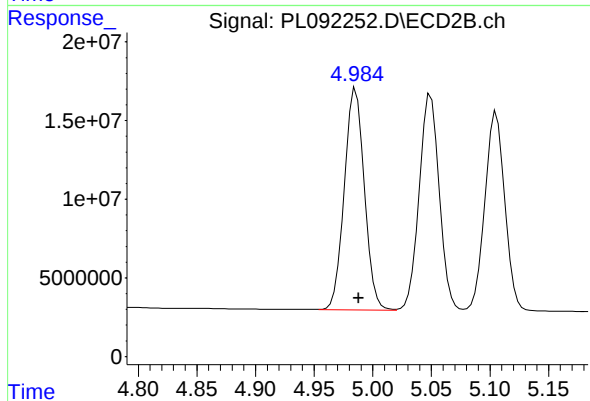
#9 Endosulfan I

R.T.: 5.105 min
Delta R.T.: -0.003 min
Response: 149836329
Conc: 54.59 ng/ml



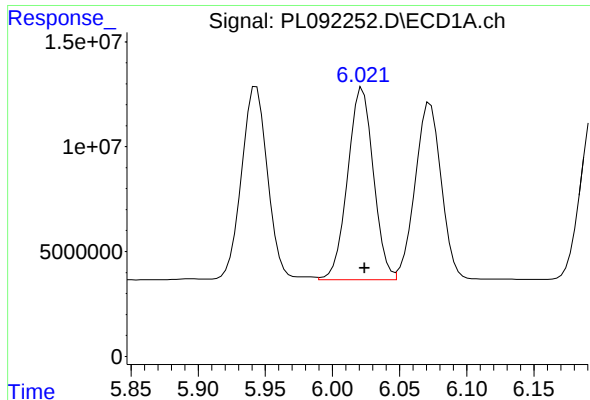
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 122685831
Conc: 49.65 ng/ml m



#10 gamma-Chlordane

R.T.: 4.986 min
Delta R.T.: -0.003 min
Response: 167459235
Conc: 55.66 ng/ml



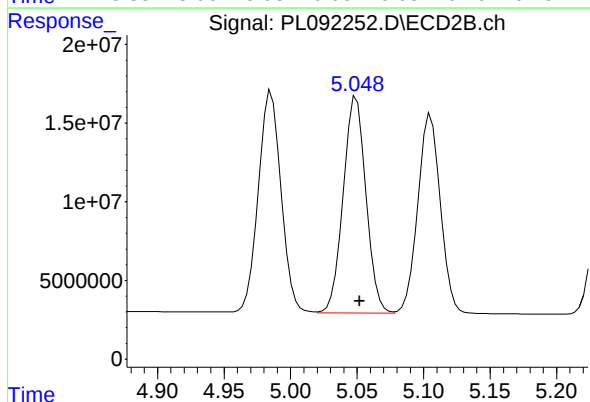
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.002 min
Response: 122962213
Conc: 49.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BSD

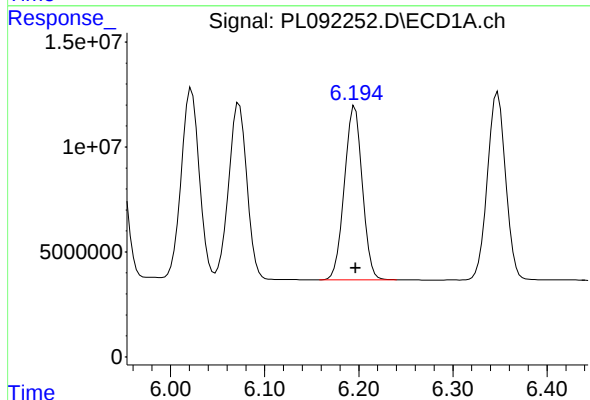
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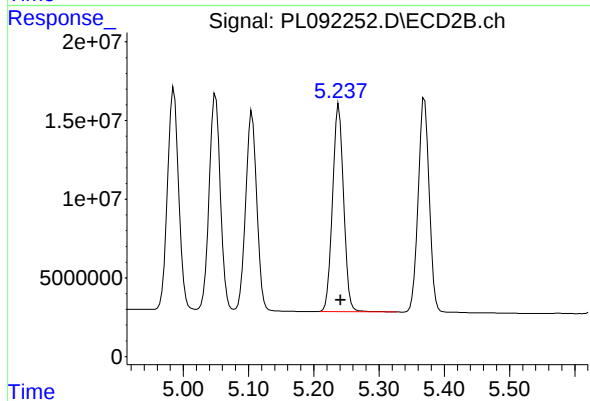
#11 alpha-Chlordane

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 163739122
Conc: 54.70 ng/ml



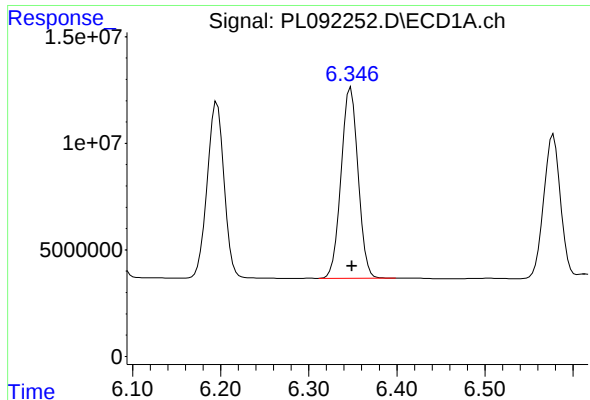
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 109675403
Conc: 50.67 ng/ml



#12 4,4'-DDE

R.T.: 5.238 min
Delta R.T.: -0.002 min
Response: 155203631
Conc: 55.85 ng/ml



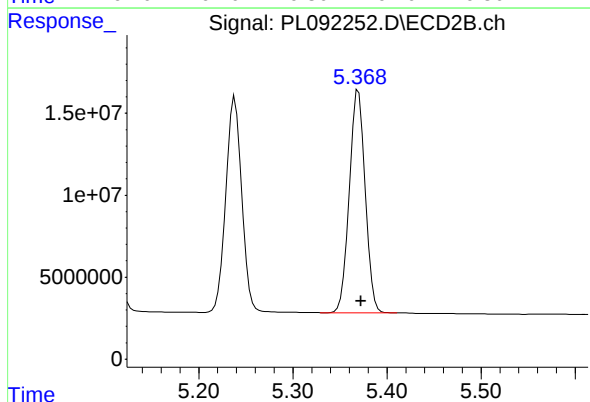
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: -0.001 min
Response: 120083447
Conc: 49.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BSD

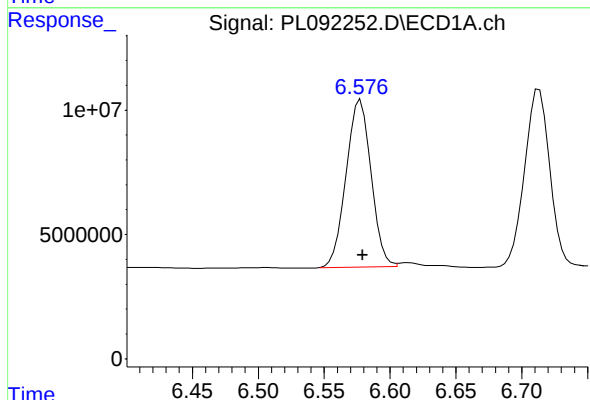
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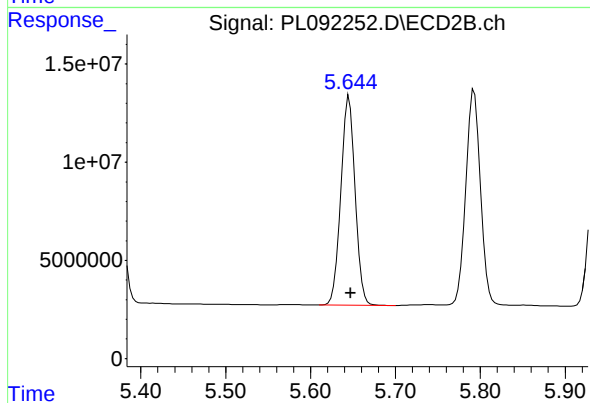
#13 Dieldrin

R.T.: 5.370 min
Delta R.T.: -0.003 min
Response: 159436426
Conc: 54.38 ng/ml



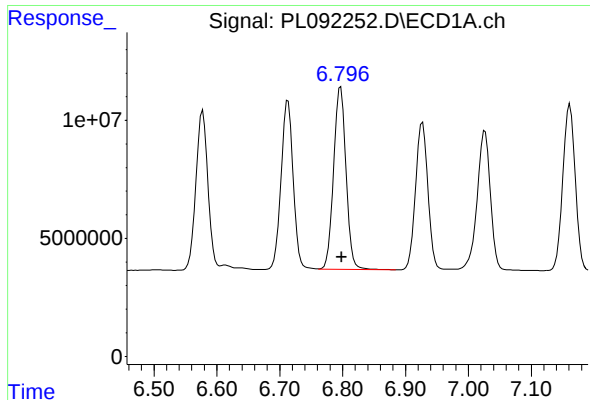
#14 Endrin

R.T.: 6.576 min
Delta R.T.: -0.003 min
Response: 88817684
Conc: 43.10 ng/ml m



#14 Endrin

R.T.: 5.646 min
Delta R.T.: -0.002 min
Response: 124428730
Conc: 47.45 ng/ml



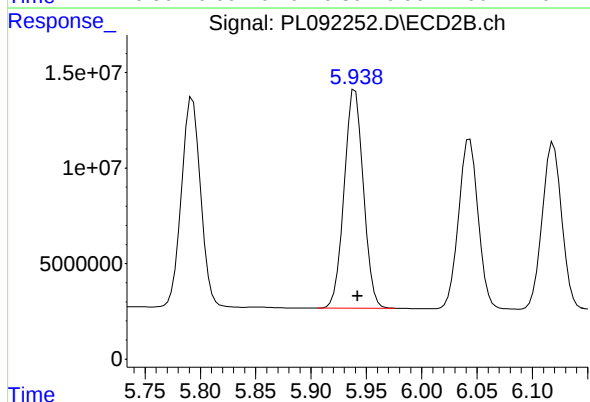
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: -0.001 min
Response: 105714636
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BSD

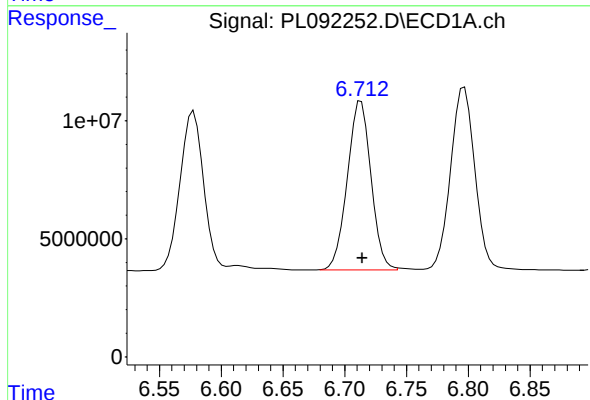
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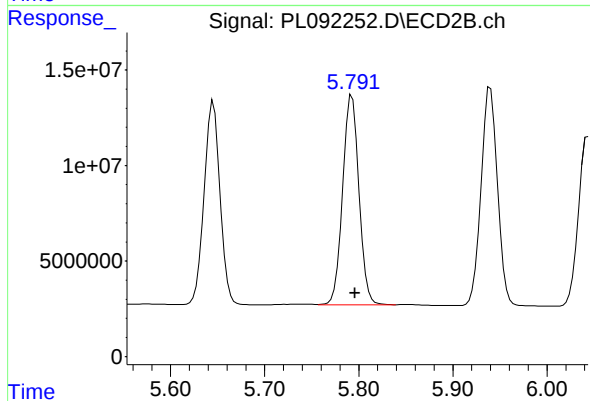
#15 Endosulfan II

R.T.: 5.938 min
Delta R.T.: -0.004 min
Response: 138552045
Conc: 55.37 ng/ml m



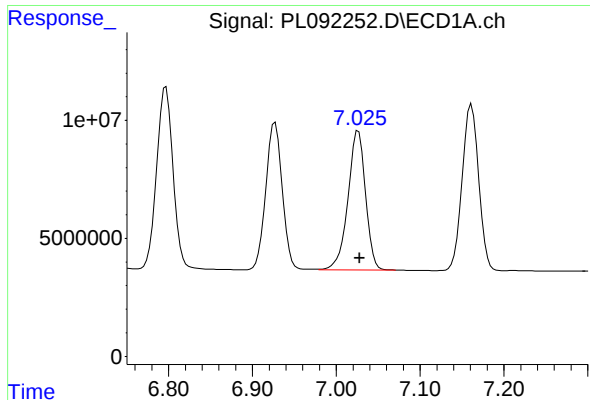
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 95682571
Conc: 53.28 ng/ml m



#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 132237898
Conc: 61.90 ng/ml



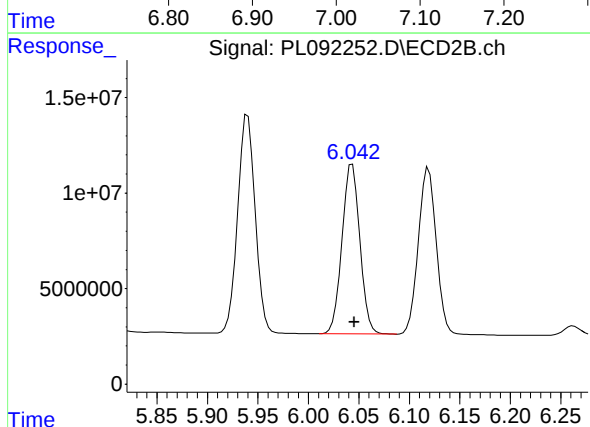
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.002 min
Response: 85657488
Conc: 46.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BSD

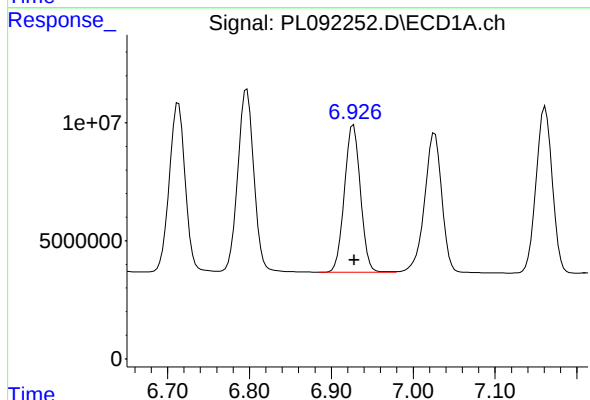
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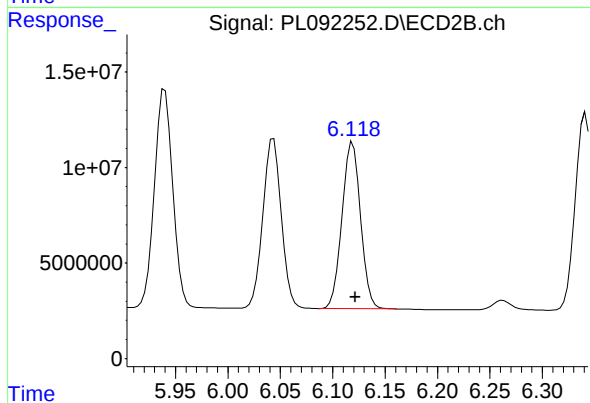
#17 4,4'-DDT

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 109637216
Conc: 47.40 ng/ml



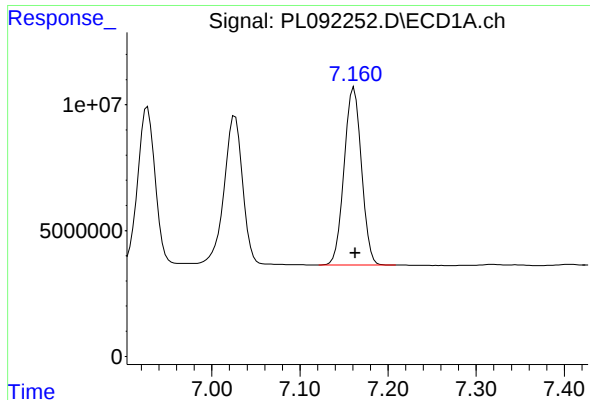
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.001 min
Response: 85318584
Conc: 48.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min
Delta R.T.: -0.002 min
Response: 107671575
Conc: 52.76 ng/ml



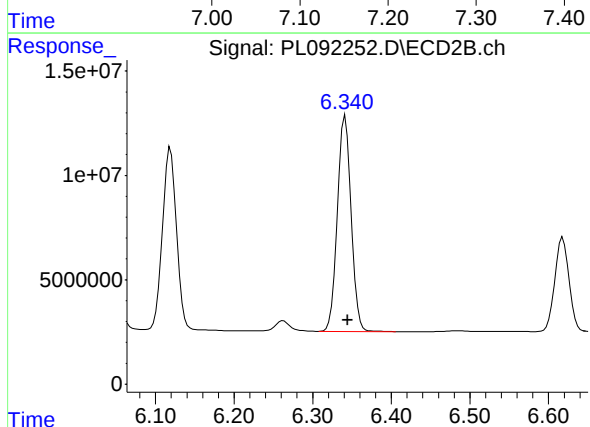
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.001 min
Response: 96461777
Conc: 48.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BSD

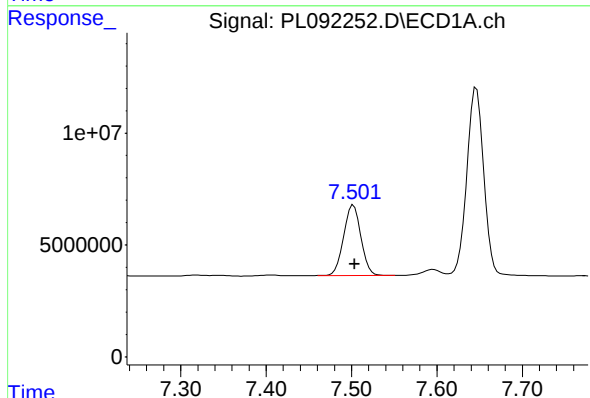
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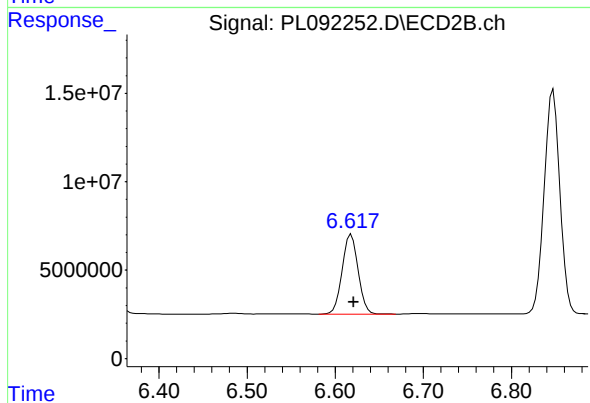
#19 Endosulfan Sulfate

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 125434934
Conc: 51.99 ng/ml



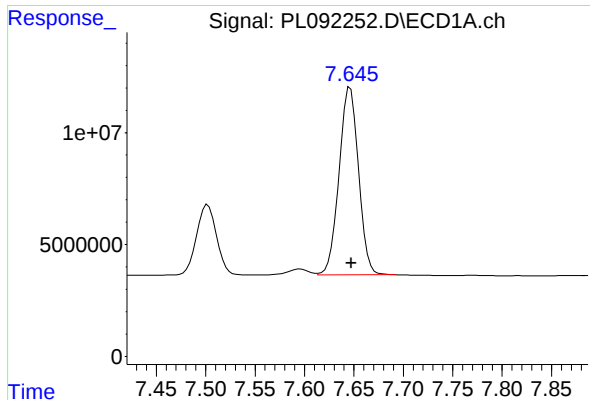
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.001 min
Response: 44169556
Conc: 44.99 ng/ml



#20 Methoxychlor

R.T.: 6.618 min
Delta R.T.: -0.003 min
Response: 56722479
Conc: 45.37 ng/ml



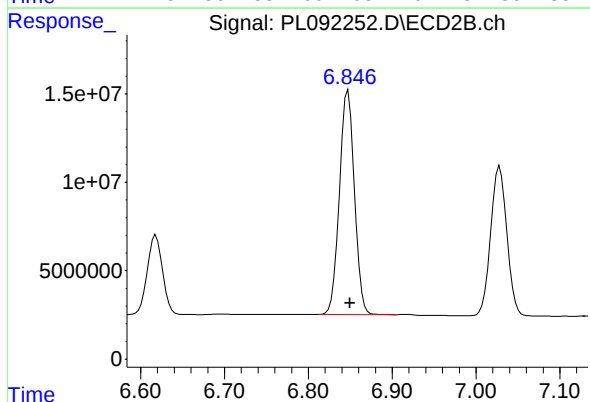
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.001 min
Response: 114591070
Conc: 52.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BSD

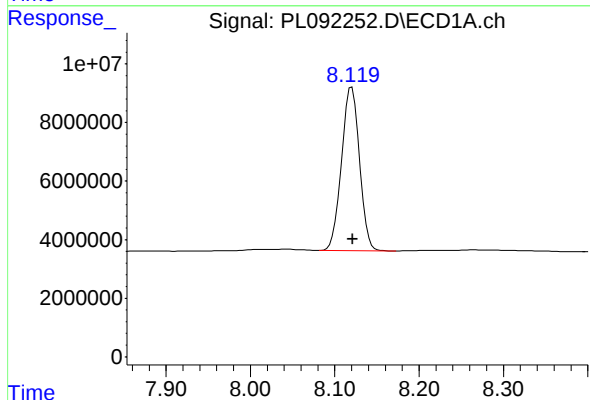
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/07/2024
Supervised By :Ankita Jodhani 10/07/2024



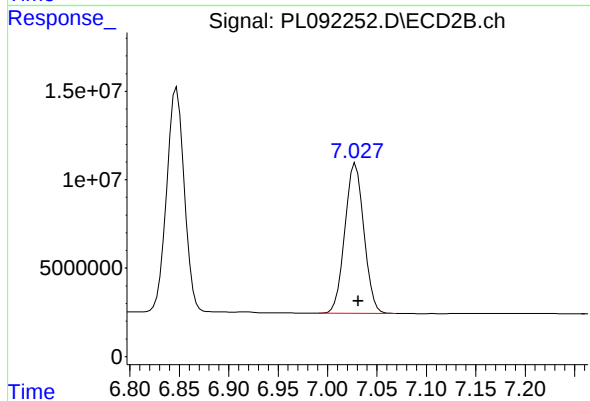
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: -0.002 min
Response: 157615628
Conc: 56.92 ng/ml



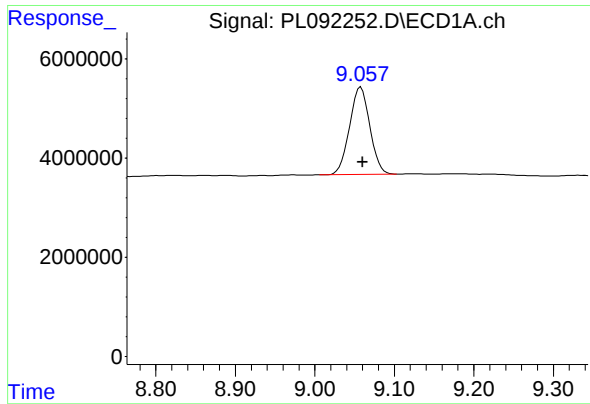
#22 Mirex

R.T.: 8.120 min
Delta R.T.: -0.001 min
Response: 82849149
Conc: 46.00 ng/ml



#22 Mirex

R.T.: 7.027 min
Delta R.T.: -0.004 min
Response: 113712863
Conc: 46.74 ng/ml m



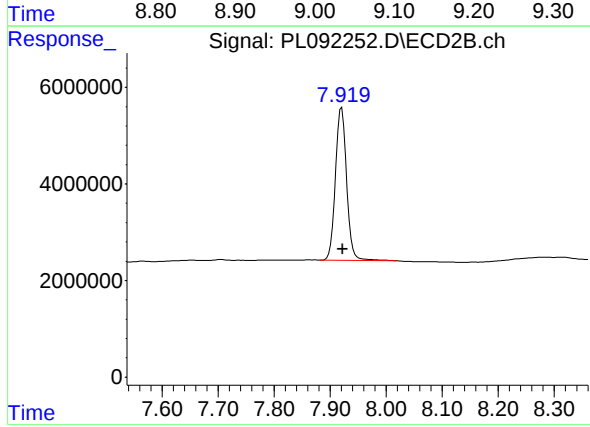
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.002 min
Response: 31122800
Conc: 19.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB163904BSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 10/07/2024



#28 Decachlorobiphenyl

R.T.: 7.920 min
Delta R.T.: -0.002 min
Response: 43981046
Conc: 17.58 ng/ml