

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
 Data File : PL090754.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 15:24
 Operator : AR\AJ
 Sample : PB162459BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162459BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 00:34:48 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...	3.544	2.787	41417378	34705568	19.891m	20.622
28)	SA Decachlor...	9.057	7.928	28023007	34325291	21.088	23.541
Target Compounds							
2)	A alpha-BHC	4.001	3.291	141.9E6	126.1E6	47.828	52.194
3)	MA gamma-BHC...	4.332	3.621	134.8E6	121.6E6	48.128m	52.724
4)	MA Heptachlor	4.922	3.961	118.1E6	109.1E6	46.395	49.466
5)	MB Aldrin	5.264	4.241	124.0E6	115.9E6	49.638	54.500
6)	B beta-BHC	4.528	3.919	59561264	51530797	46.953m	49.923
7)	B delta-BHC	4.777	4.149	129.7E6	118.3E6	48.362	53.785
8)	B Heptachlo...	5.689	4.744	114.6E6	104.9E6	48.743	53.791
9)	A Endosulfan I	6.075	5.114	104.3E6	96593375	48.765	52.819
10)	B gamma-Chl...	5.943	4.994	110.6E6	105.2E6	47.557m	51.897
11)	B alpha-Chl...	6.024	5.058	110.9E6	105.1E6	48.320	52.018
12)	B 4,4'-DDE	6.196	5.247	100.6E6	96385654	49.738	53.933
13)	MA Dieldrin	6.347	5.378	110.2E6	104.4E6	49.612m	53.234
14)	MA Endrin	6.577	5.652	83816994	79890706	45.592m	46.418m
15)	B Endosulfa...	6.796	5.947	94944137	90990836	48.272m	53.261
16)	A 4,4'-DDD	6.713	5.801	92315073	88147014	54.682	58.832
17)	MA 4,4'-DDT	7.026	6.051	75989719	69112373	45.144	47.171
18)	B Endrin al...	6.927	6.126	80328118	74776328	54.144	57.232
19)	B Endosulfa...	7.162	6.348	90418830	88151233	51.485	54.667
20)	A Methoxychlor	7.502	6.624	41889262	39288572	47.444	48.591m
21)	B Endrin ke...	7.646	6.854	106.6E6	108.5E6	55.857	59.381
22)	Mirex	8.119	7.036	74284668	79403938	52.452	53.414

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
Data File : PL090754.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 15:24
Operator : AR\AJ
Sample : PB162459BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB162459BS

Manual Integrations

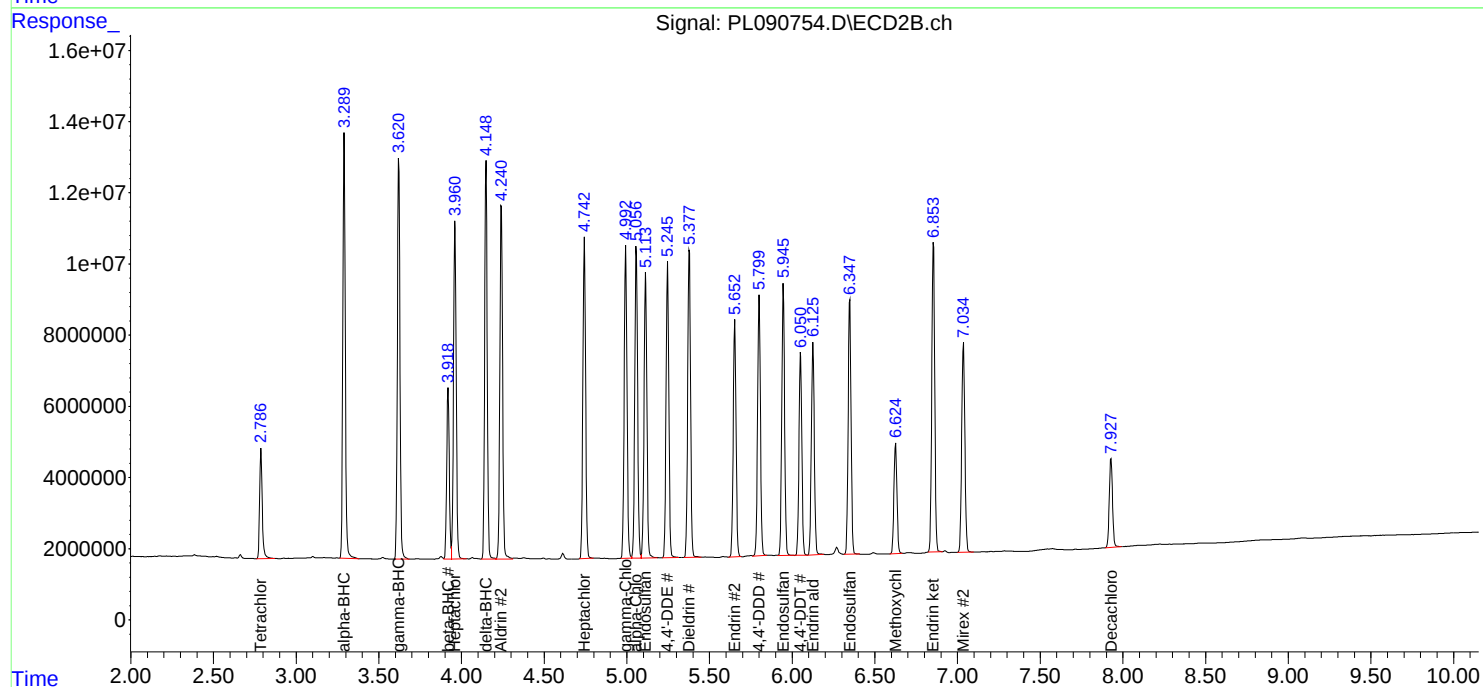
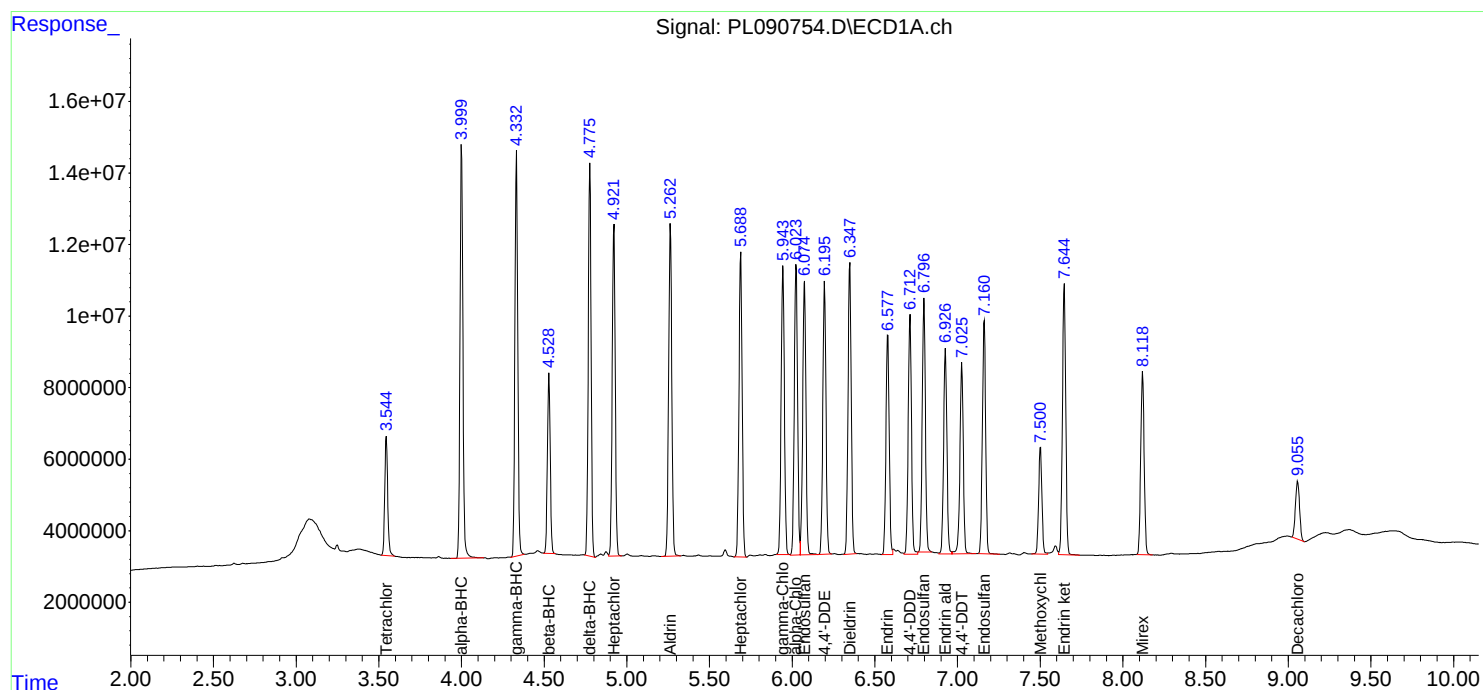
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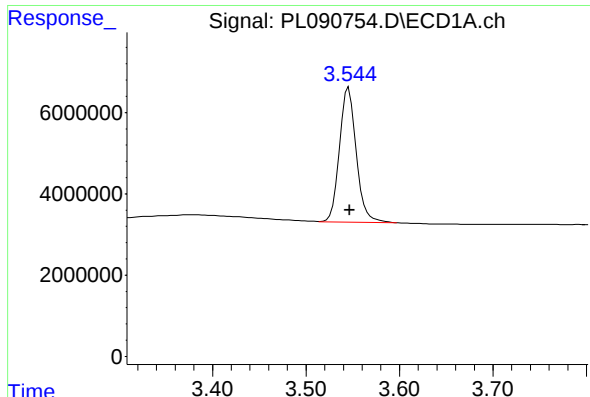
Reviewed By :Abdul Mirza 08/05/2024

Supervised By :Ankita Jodhani 08/05/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 03 00:34:48 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





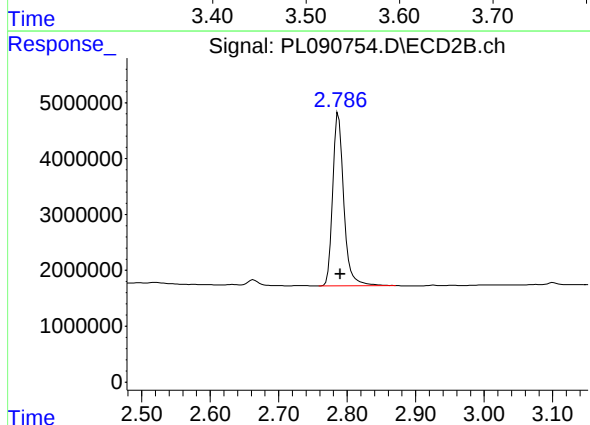
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.003 min
Response: 41417378
Conc: 19.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162459BS

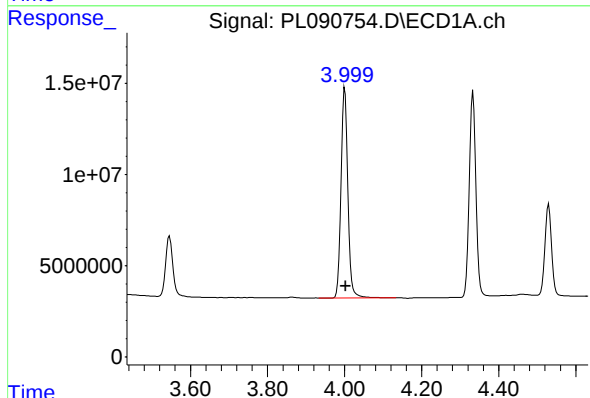
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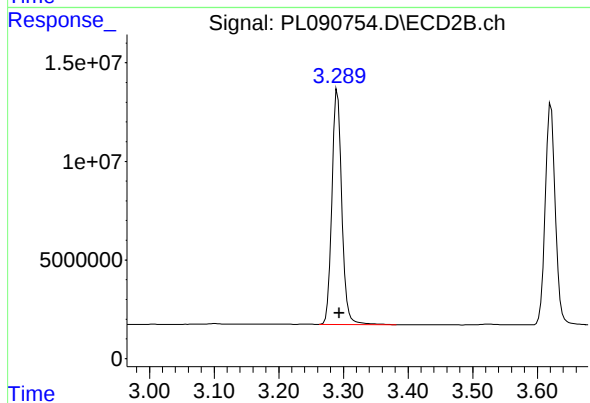
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: -0.002 min
Response: 34705568
Conc: 20.62 ng/ml



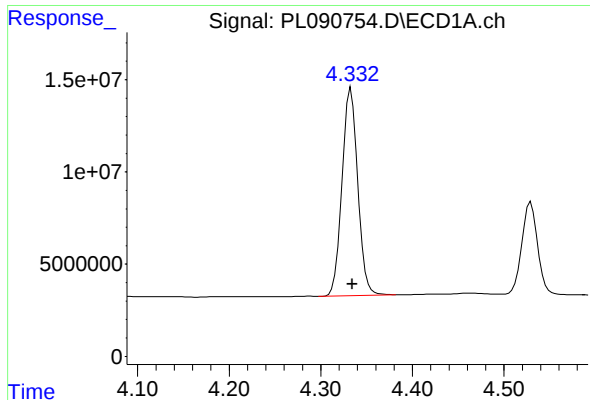
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: -0.002 min
Response: 141922976
Conc: 47.83 ng/ml



#2 alpha-BHC

R.T.: 3.291 min
Delta R.T.: -0.003 min
Response: 126106070
Conc: 52.19 ng/ml



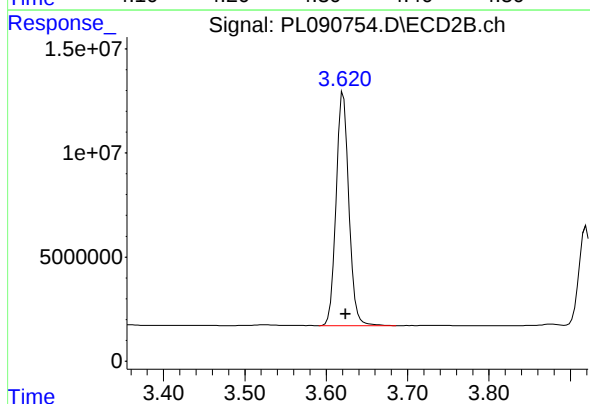
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: -0.003 min
Response: 134780203
Conc: 48.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162459BS

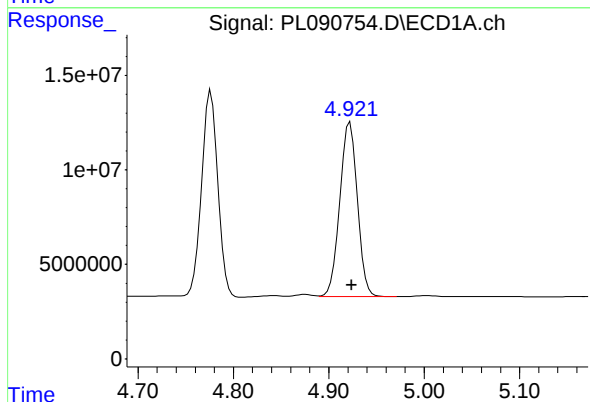
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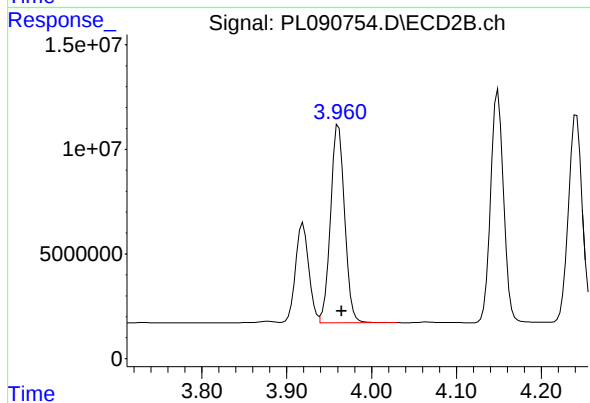
#3 gamma-BHC (Lindane)

R.T.: 3.621 min
Delta R.T.: -0.003 min
Response: 121579413
Conc: 52.72 ng/ml



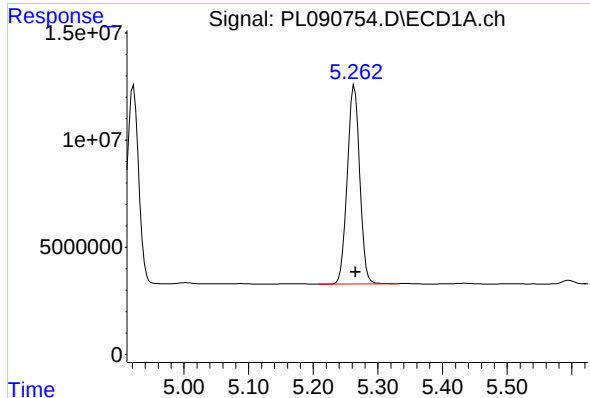
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 118076960
Conc: 46.39 ng/ml



#4 Heptachlor

R.T.: 3.961 min
Delta R.T.: -0.003 min
Response: 109124071
Conc: 49.47 ng/ml



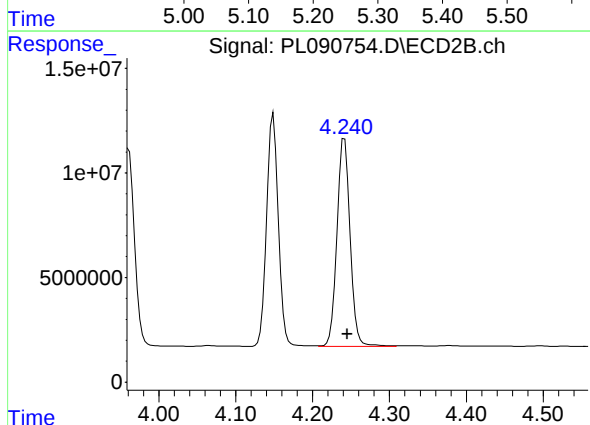
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: -0.002 min
Response: 124015409
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162459BS

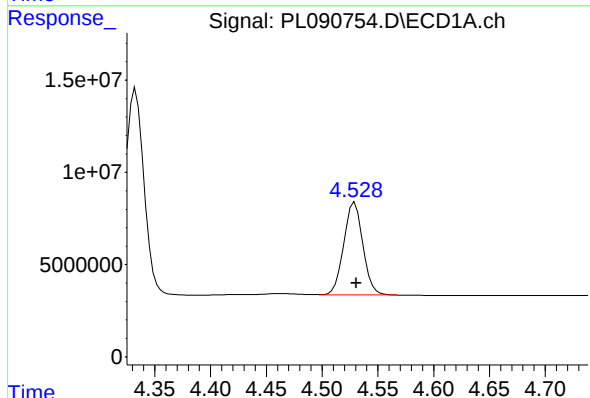
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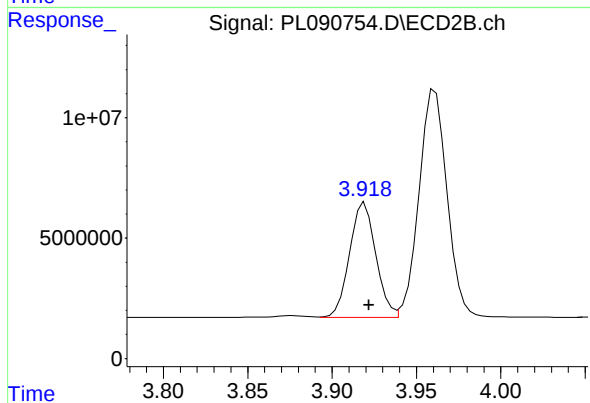
#5 Aldrin

R.T.: 4.241 min
Delta R.T.: -0.004 min
Response: 115947312
Conc: 54.50 ng/ml



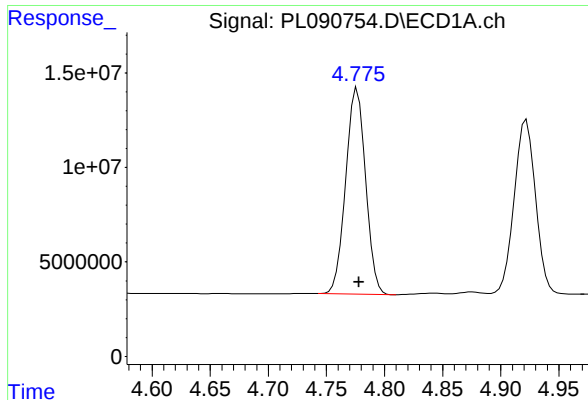
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.003 min
Response: 59561264
Conc: 46.95 ng/ml m



#6 beta-BHC

R.T.: 3.919 min
Delta R.T.: -0.003 min
Response: 51530797
Conc: 49.92 ng/ml



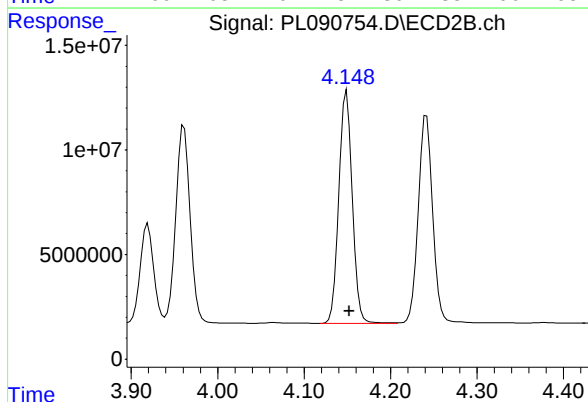
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: -0.002 min
Response: 129662885
Conc: 48.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162459BS

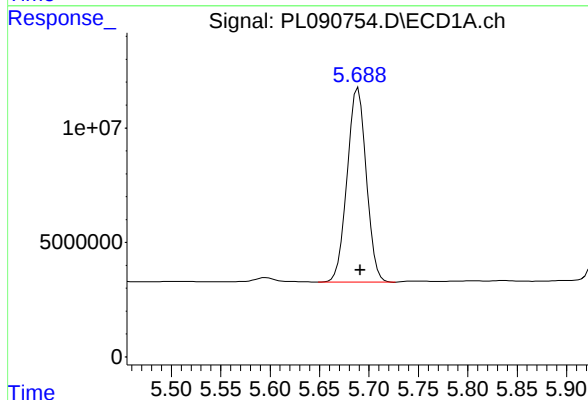
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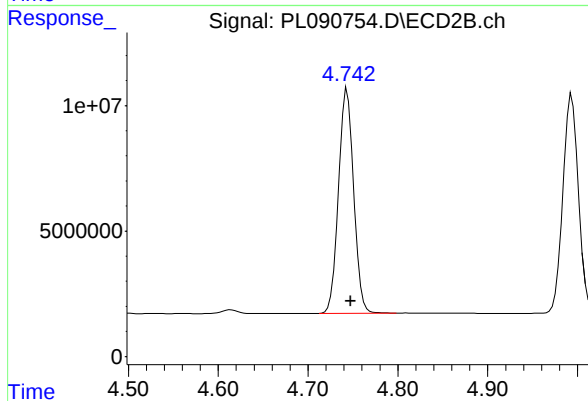
#7 delta-BHC

R.T.: 4.149 min
Delta R.T.: -0.003 min
Response: 118314367
Conc: 53.79 ng/ml



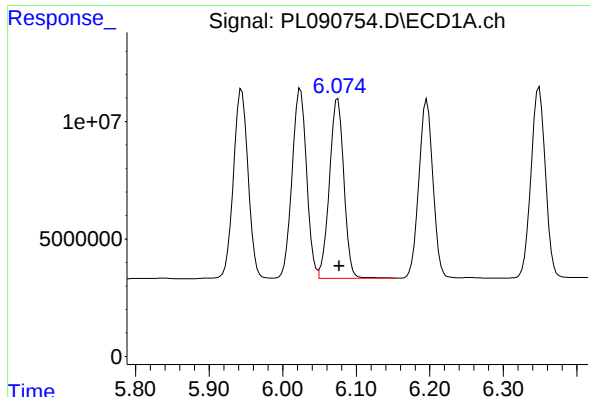
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.002 min
Response: 114565628
Conc: 48.74 ng/ml



#8 Heptachlor epoxide

R.T.: 4.744 min
Delta R.T.: -0.004 min
Response: 104912141
Conc: 53.79 ng/ml



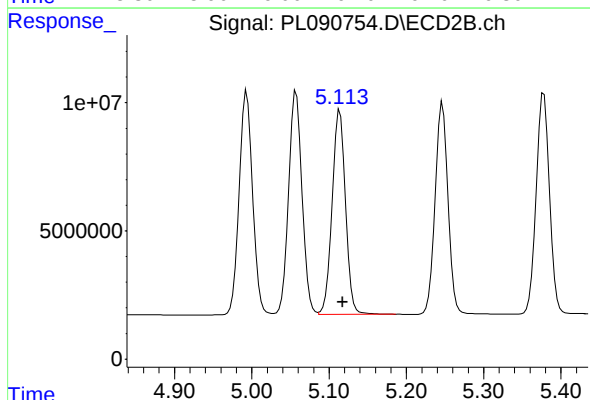
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 104294078
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162459BS

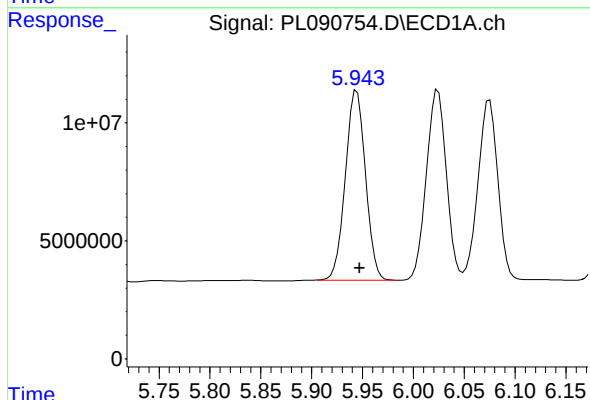
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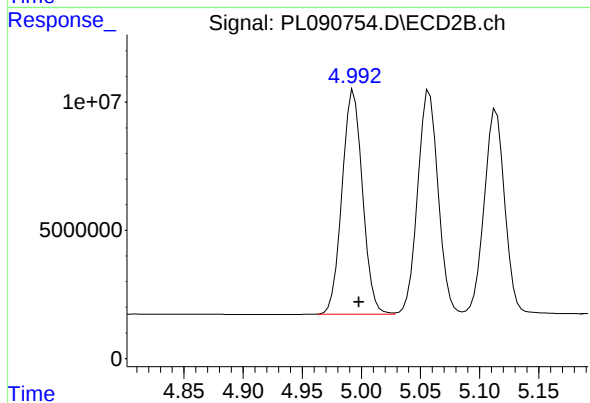
#9 Endosulfan I

R.T.: 5.114 min
Delta R.T.: -0.004 min
Response: 96593375
Conc: 52.82 ng/ml



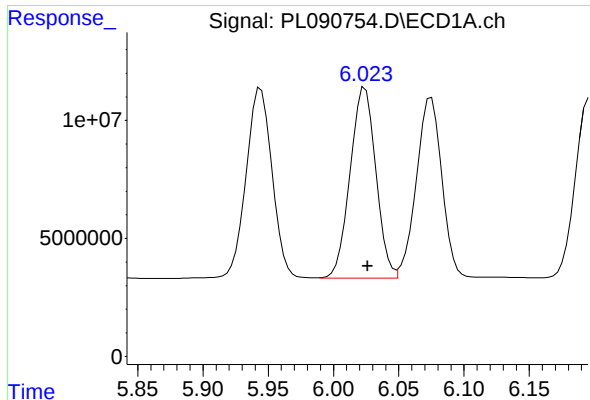
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: -0.004 min
Response: 110572589
Conc: 47.56 ng/ml m



#10 gamma-Chlordane

R.T.: 4.994 min
Delta R.T.: -0.004 min
Response: 105216343
Conc: 51.90 ng/ml



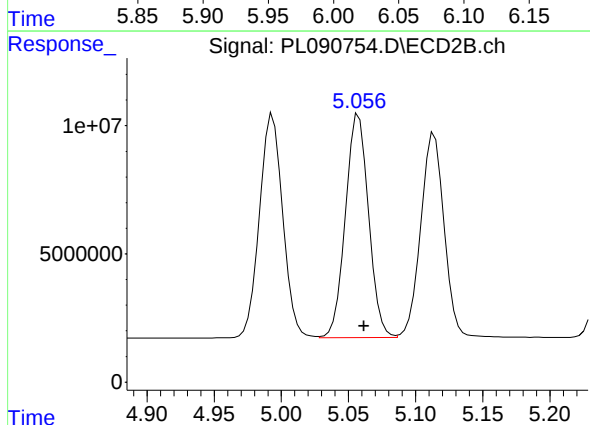
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: -0.002 min
Response: 110929333
Conc: 48.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162459BS

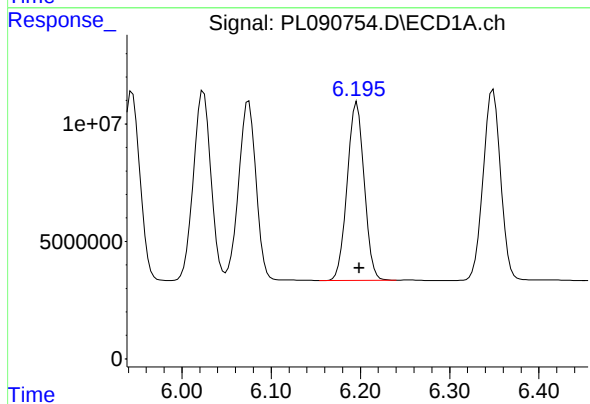
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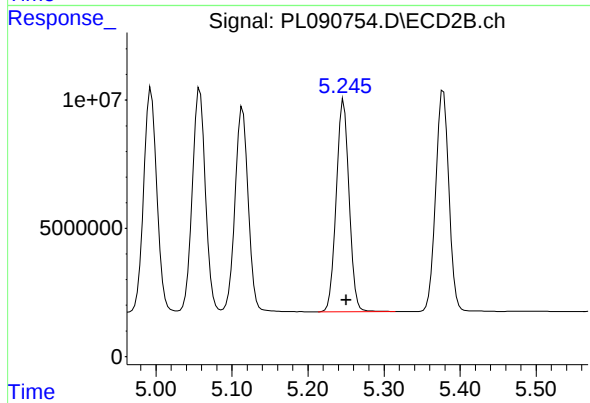
#11 alpha-Chlordane

R.T.: 5.058 min
Delta R.T.: -0.004 min
Response: 105108312
Conc: 52.02 ng/ml



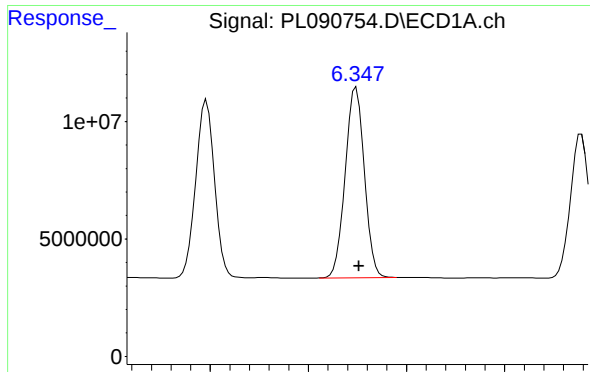
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.003 min
Response: 100570409
Conc: 49.74 ng/ml



#12 4,4'-DDE

R.T.: 5.247 min
Delta R.T.: -0.004 min
Response: 96385654
Conc: 53.93 ng/ml



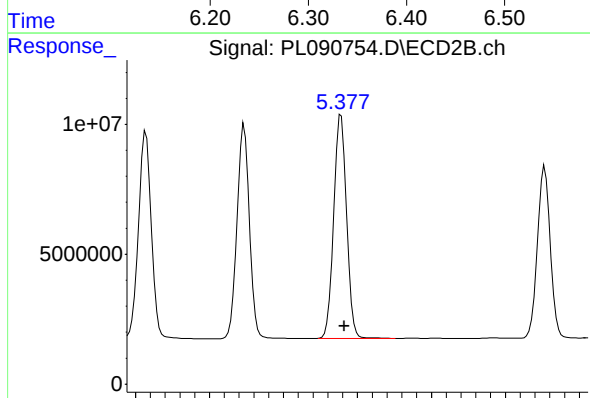
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.004 min
Response: 110228525
Conc: 49.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162459BS

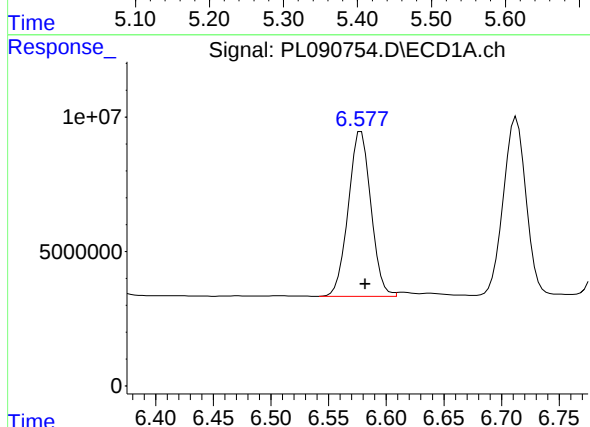
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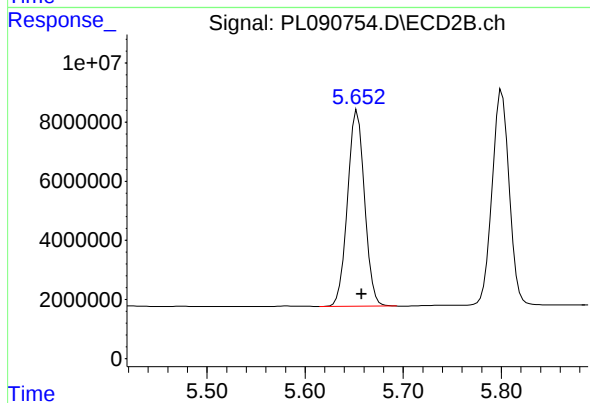
#13 Dieldrin

R.T.: 5.378 min
Delta R.T.: -0.004 min
Response: 104388345
Conc: 53.23 ng/ml



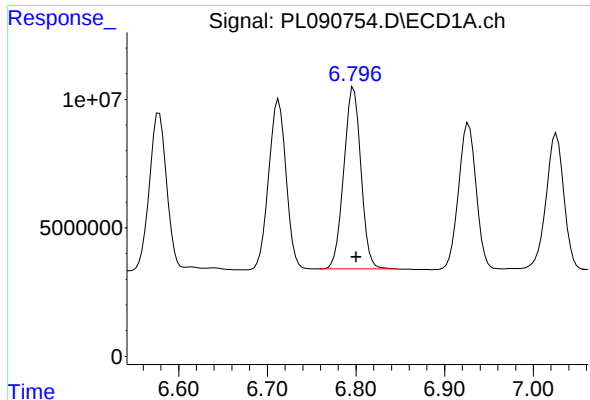
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.005 min
Response: 83816994
Conc: 45.59 ng/ml m



#14 Endrin

R.T.: 5.652 min
Delta R.T.: -0.006 min
Response: 79890706
Conc: 46.42 ng/ml m



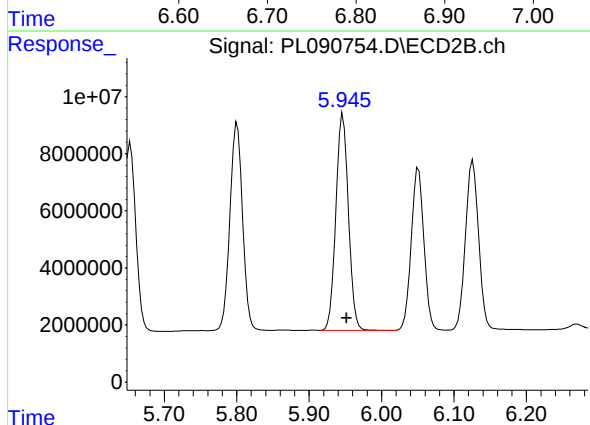
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: -0.004 min
Response: 94944137
Conc: 48.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162459BS

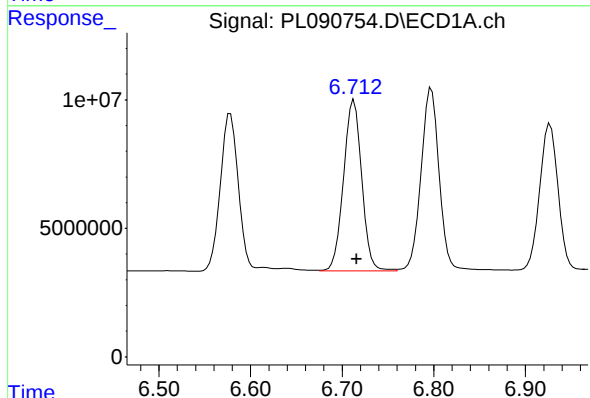
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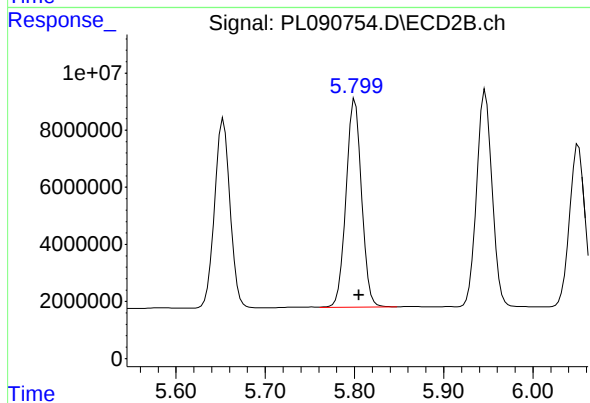
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 90990836
Conc: 53.26 ng/ml



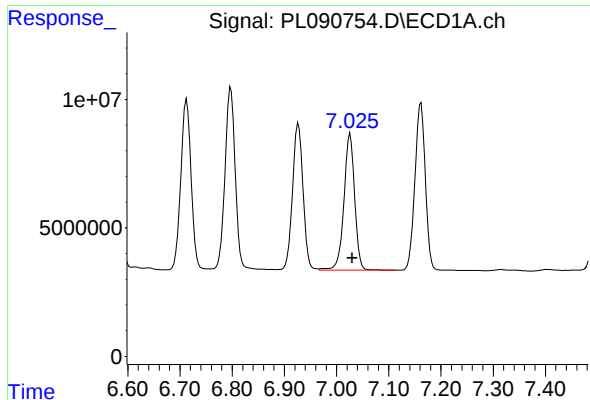
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.003 min
Response: 92315073
Conc: 54.68 ng/ml



#16 4,4'-DDD

R.T.: 5.801 min
Delta R.T.: -0.005 min
Response: 88147014
Conc: 58.83 ng/ml



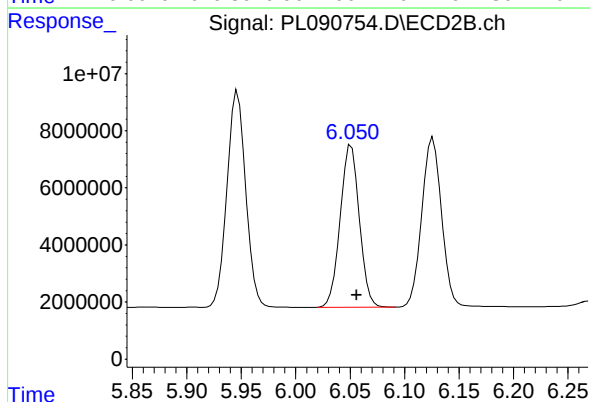
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.004 min
Response: 75989719
Conc: 45.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162459BS

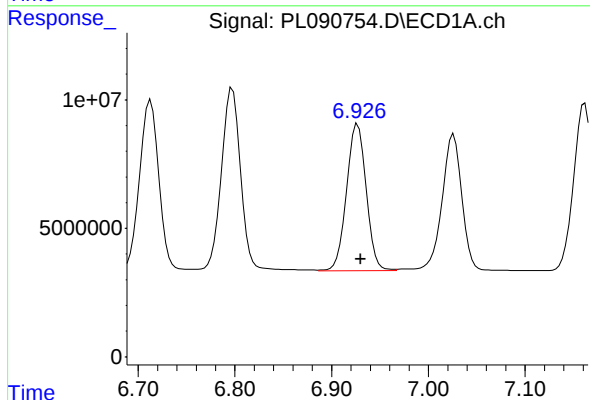
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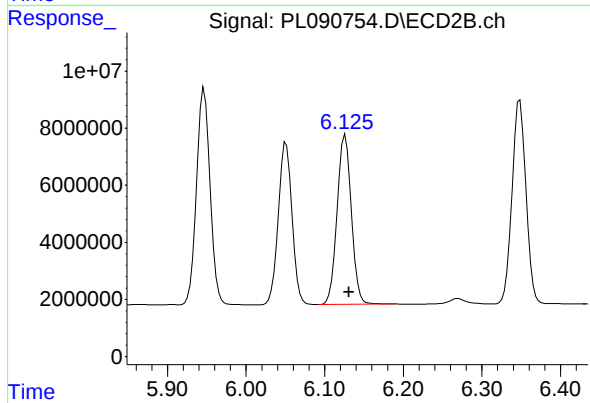
#17 4,4'-DDT

R.T.: 6.051 min
Delta R.T.: -0.005 min
Response: 69112373
Conc: 47.17 ng/ml



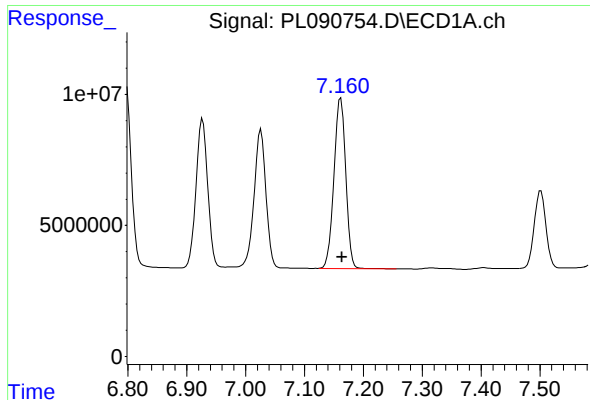
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.003 min
Response: 80328118
Conc: 54.14 ng/ml



#18 Endrin aldehyde

R.T.: 6.126 min
Delta R.T.: -0.005 min
Response: 74776328
Conc: 57.23 ng/ml



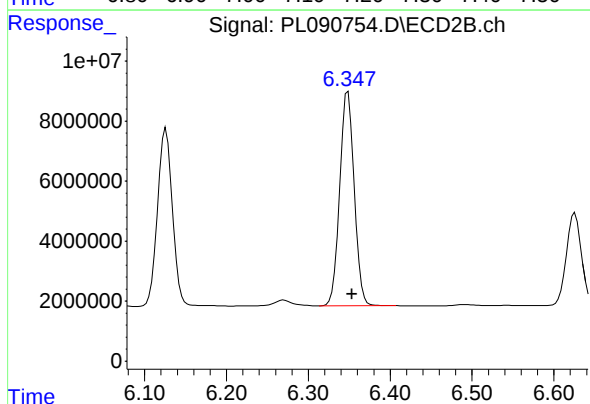
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: -0.003 min
Response: 90418830
Conc: 51.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162459BS

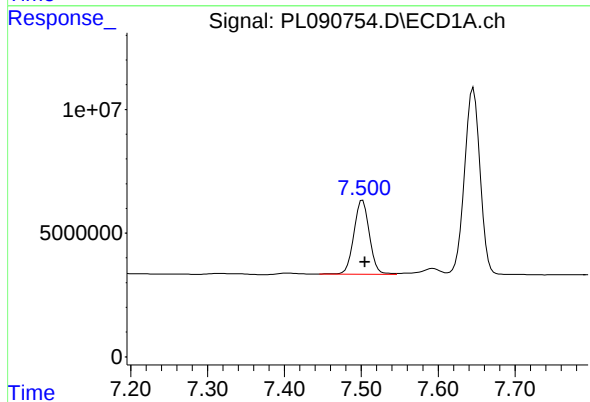
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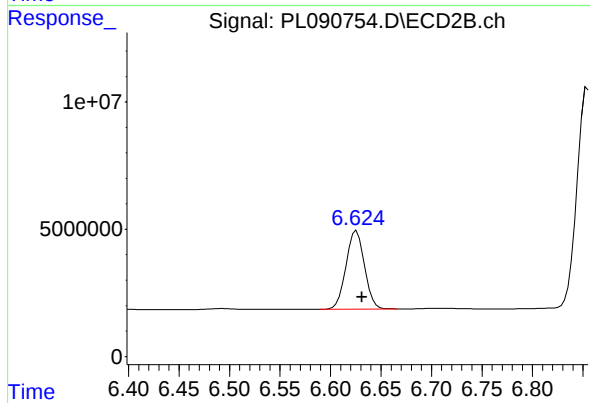
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: -0.005 min
Response: 88151233
Conc: 54.67 ng/ml



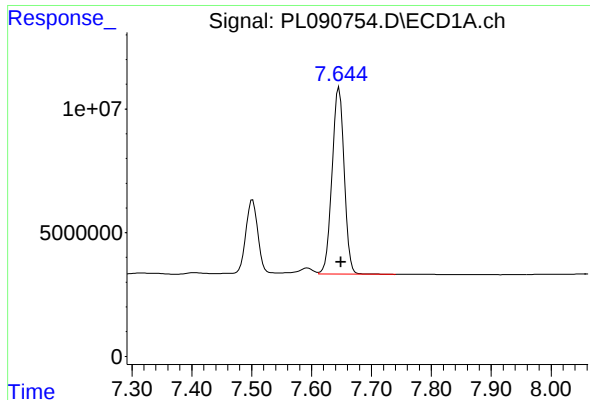
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.003 min
Response: 41889262
Conc: 47.44 ng/ml



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: -0.007 min
Response: 39288572
Conc: 48.59 ng/ml m



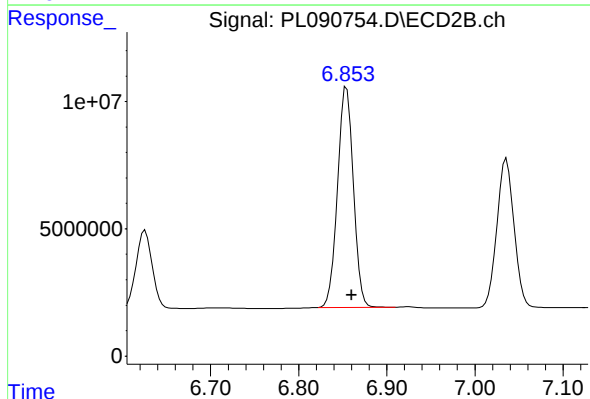
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.003 min
Response: 106631448
Conc: 55.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162459BS

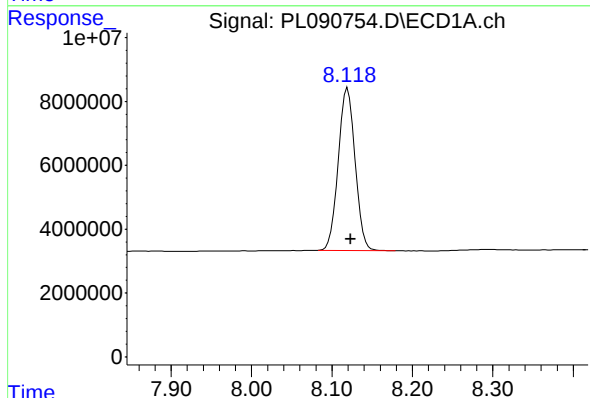
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/05/2024
Supervised By :Ankita Jodhani 08/05/2024



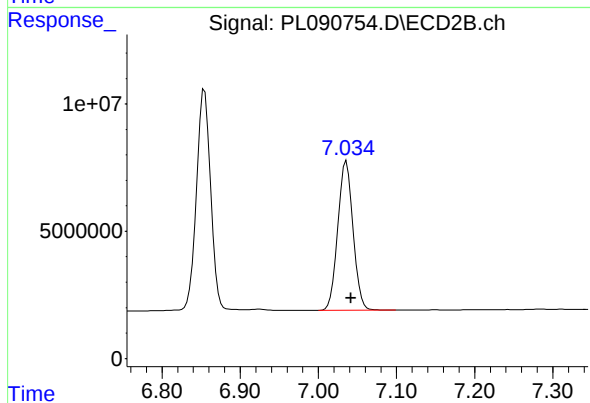
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: -0.006 min
Response: 108519483
Conc: 59.38 ng/ml



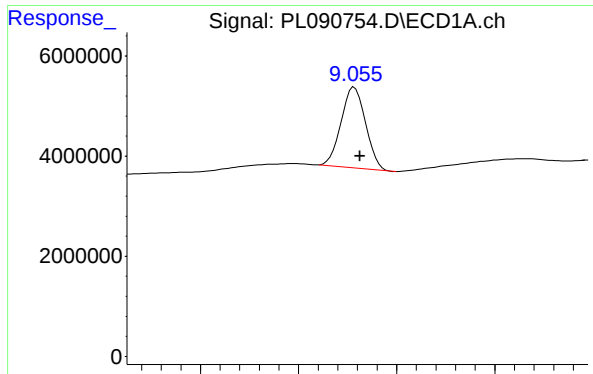
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.004 min
Response: 74284668
Conc: 52.45 ng/ml



#22 Mirex

R.T.: 7.036 min
Delta R.T.: -0.006 min
Response: 79403938
Conc: 53.41 ng/ml



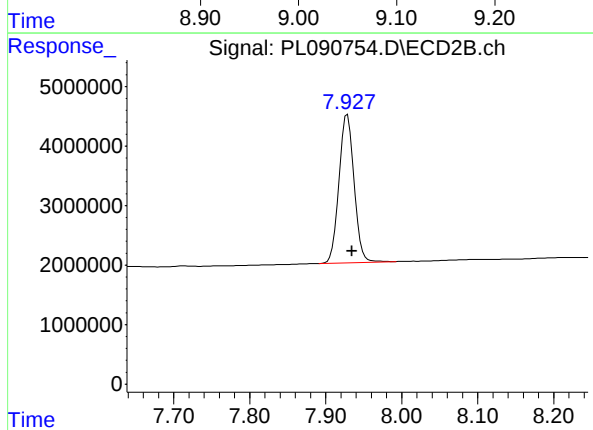
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.006 min
Response: 28023007
Conc: 21.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162459BS

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#28 Decachlorobiphenyl

R.T.: 7.928 min
Delta R.T.: -0.006 min
Response: 34325291
Conc: 23.54 ng/ml