

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081124\
 Data File : PL090947.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2024 04:51
 Operator : AR\AJ
 Sample : PB162610BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162610BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/12/2024
 Supervised By :Ankita Jodhani 08/12/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 05:12:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 06 10:55:36 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	39990170	34180007	20.653m	19.771
28)	SA Decachlor...	9.057	7.926	32638899	35762015	22.717	21.425
Target Compounds							
2)	A alpha-BHC	4.001	3.290	144.1E6	135.3E6	52.151	54.937
3)	MA gamma-BHC...	4.332	3.620	137.1E6	128.4E6	52.111m	54.859
4)	MA Heptachlor	4.922	3.961	130.1E6	127.7E6	52.626	55.070
5)	MB Aldrin	5.264	4.241	124.5E6	122.9E6	51.803	55.417
6)	B beta-BHC	4.530	3.919	65618755	56429495	52.124	53.053
7)	B delta-BHC	4.777	4.149	129.9E6	124.5E6	51.886	55.703
8)	B Heptachlo...	5.689	4.743	118.0E6	111.3E6	51.906	54.592
9)	A Endosulfan I	6.074	5.113	109.3E6	104.7E6	52.150	54.217
10)	B gamma-Chl...	5.945	4.993	117.1E6	115.9E6	51.831	54.248
11)	B alpha-Chl...	6.024	5.057	116.5E6	115.3E6	52.021	54.049
12)	B 4,4'-DDE	6.197	5.246	104.8E6	103.4E6	52.888	55.133
13)	MA Dieldrin	6.349	5.376	115.6E6	113.2E6	52.699	54.814m
14)	MA Endrin	6.577	5.651	100.1E6	101.2E6	54.643m	55.386m
15)	B Endosulfa...	6.797	5.947	103.7E6	99566419	51.704	54.819
16)	A 4,4'-DDD	6.713	5.800	87413725	84945232	53.024	54.743
17)	MA 4,4'-DDT	7.027	6.049	95750700	91388172	53.709	55.110m
18)	B Endrin al...	6.927	6.125	81038568	77018681	53.809	54.399
19)	B Endosulfa...	7.161	6.348	95421625	95693219	53.201	54.817
20)	A Methoxychlor	7.502	6.625	50991488	49980735	53.437	54.148
21)	B Endrin ke...	7.646	6.853	106.2E6	109.6E6	53.584	55.297
22)	Mirex	8.119	7.035	83638426	90664727	53.805	53.989

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081124\
Data File : PL090947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Aug 2024 04:51
Operator : AR\AJ
Sample : PB162610BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

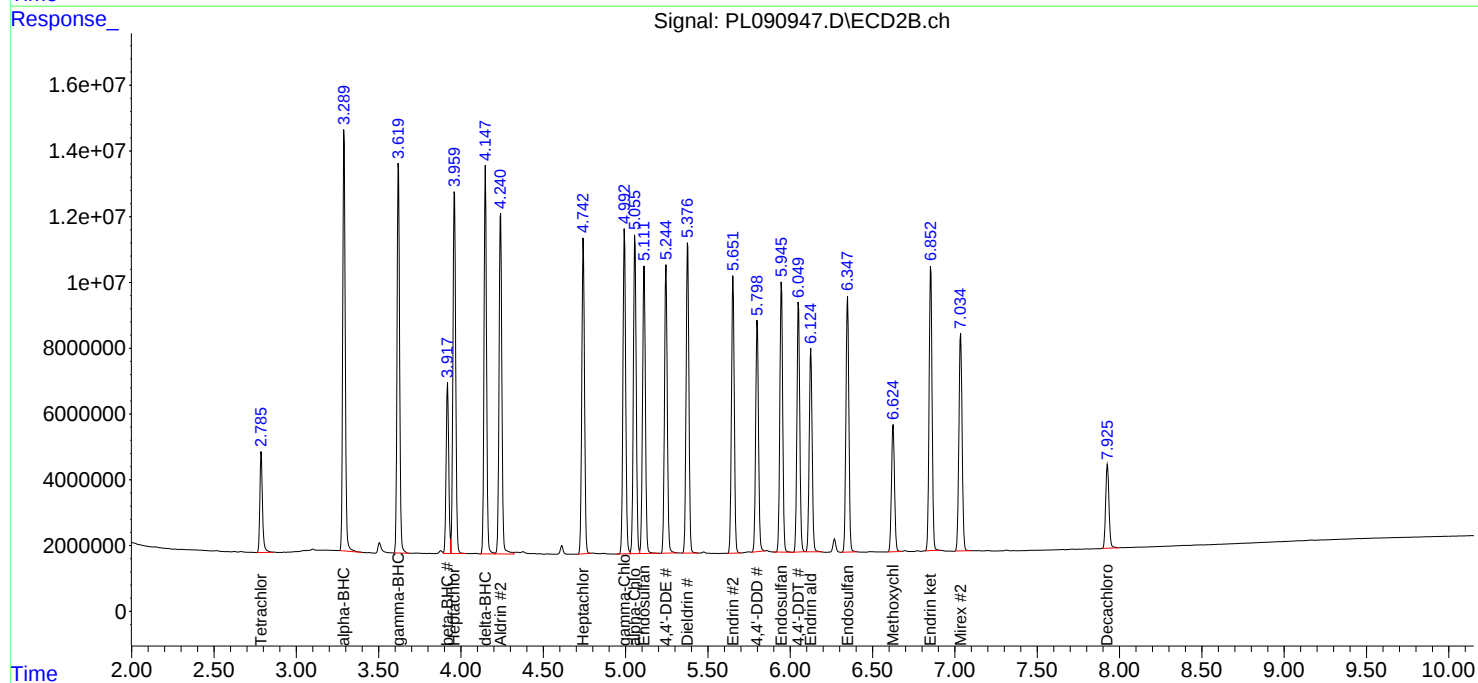
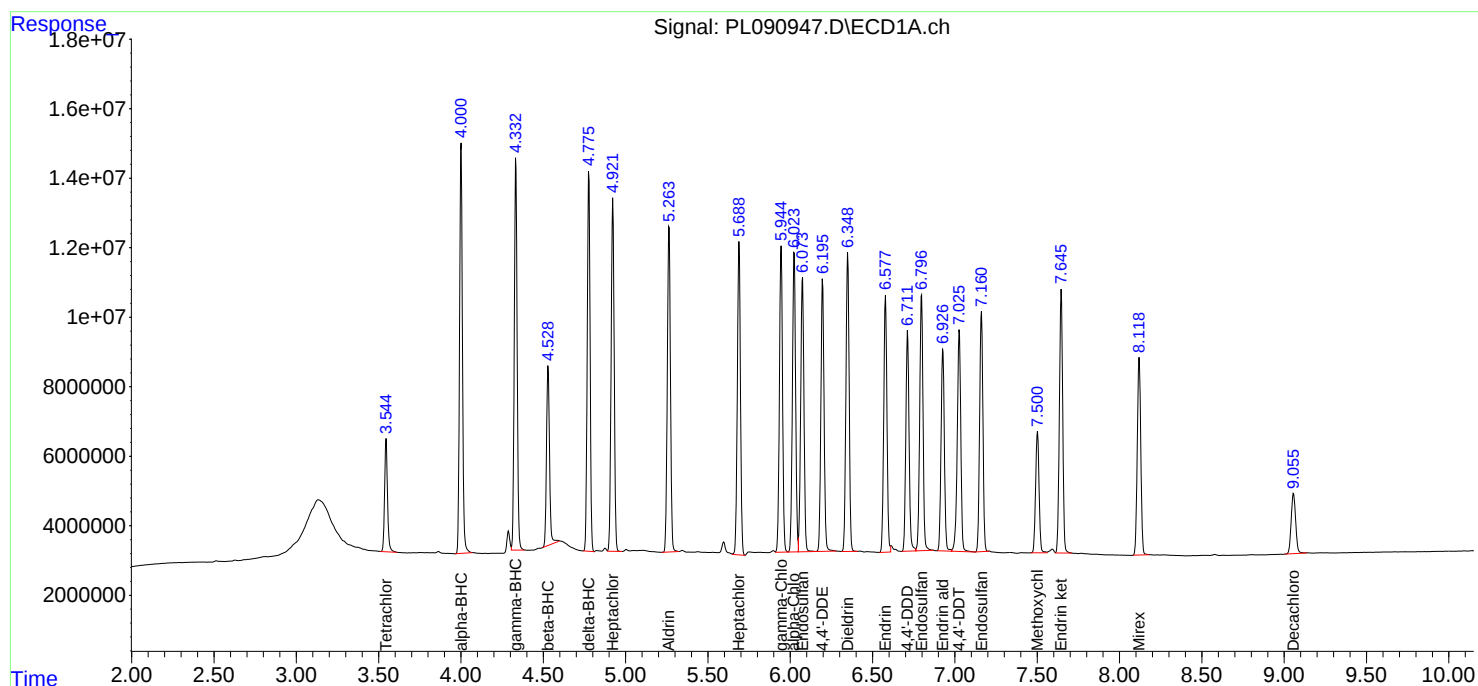
Instrument :
ECD_L
ClientSampleId :
PB162610BS

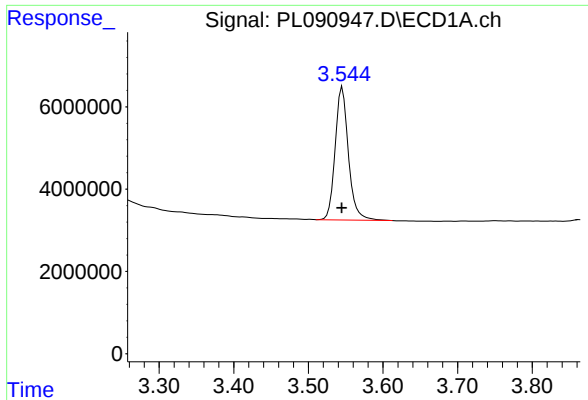
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 05:12:28 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080524.M
Quant Title : GC Extractables
QLast Update : Tue Aug 06 10:55:36 2024
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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





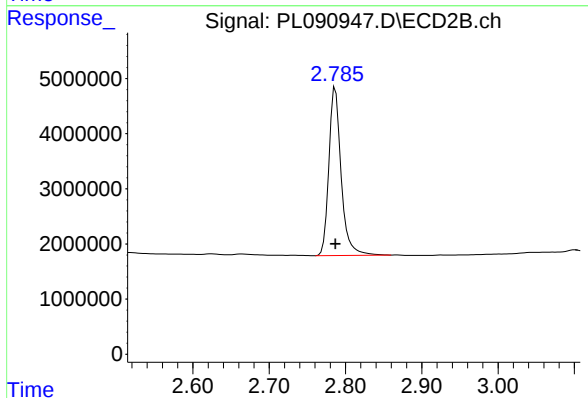
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 39990170
Conc: 20.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162610BS

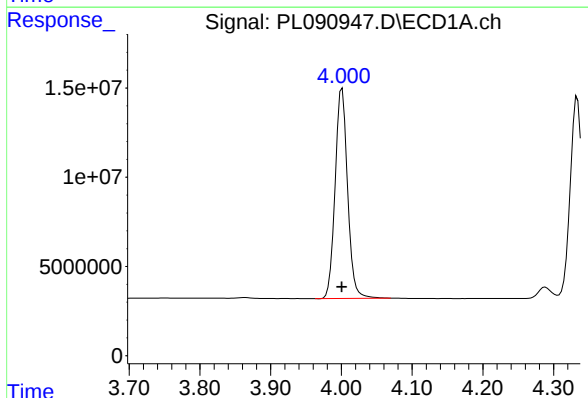
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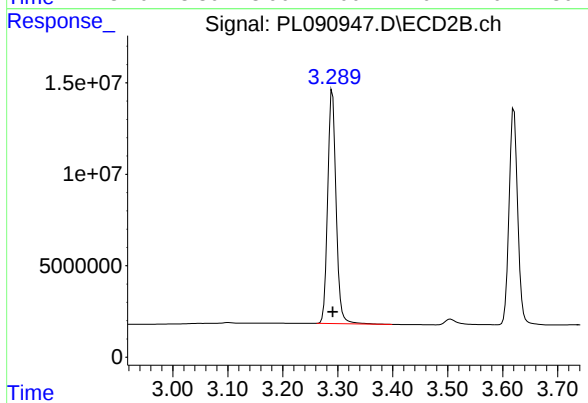
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: 0.000 min
Response: 34180007
Conc: 19.77 ng/ml



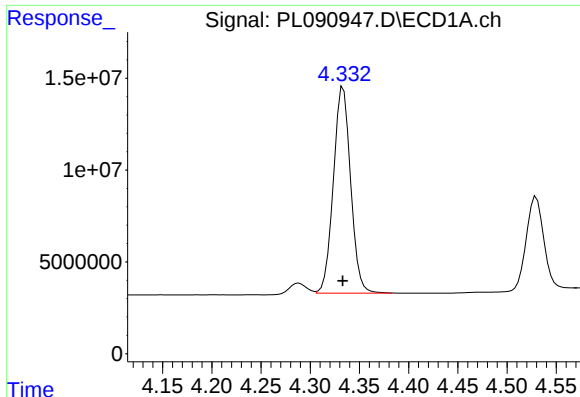
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 144051764
Conc: 52.15 ng/ml



#2 alpha-BHC

R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 135334938
Conc: 54.94 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 137055564
Conc: 52.11 ng/ml

Instrument :

ECD_L

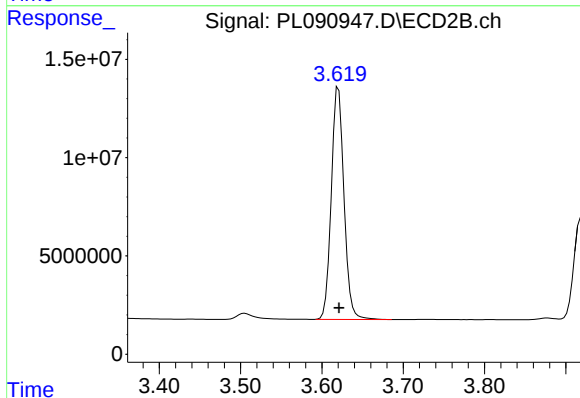
ClientSampleId :

PB162610BS

Manual Integrations

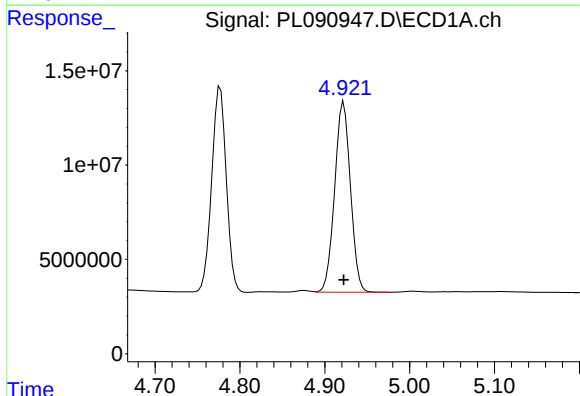
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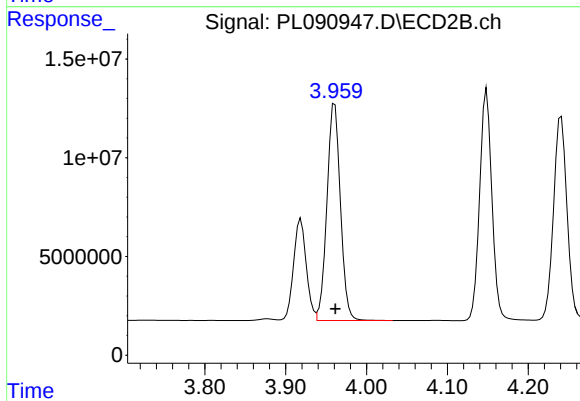
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: 0.000 min
Response: 128437584
Conc: 54.86 ng/ml



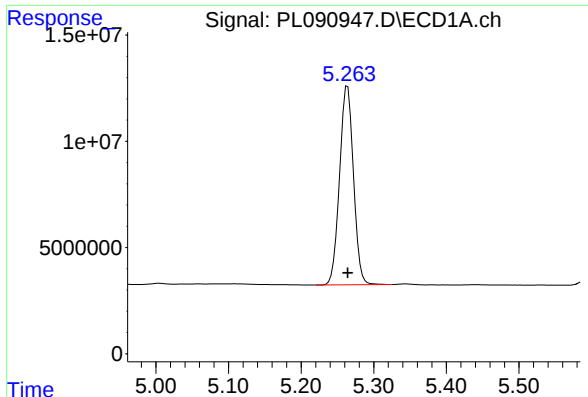
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 130149389
Conc: 52.63 ng/ml



#4 Heptachlor

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 127682803
Conc: 55.07 ng/ml



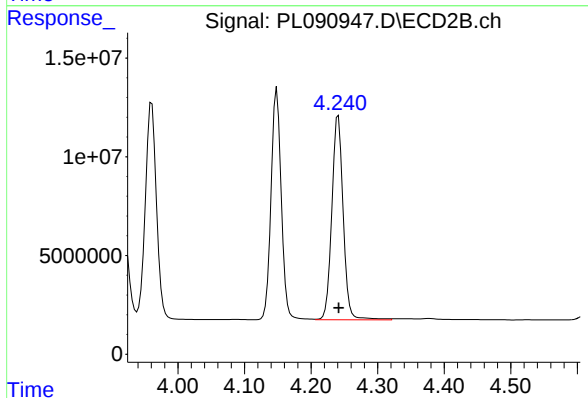
#5 Aldrin

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 124524311
Conc: 51.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162610BS

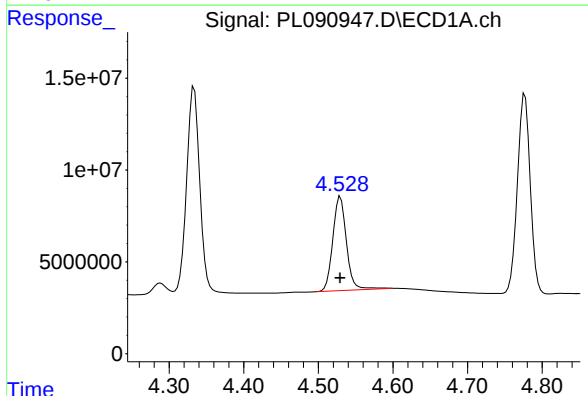
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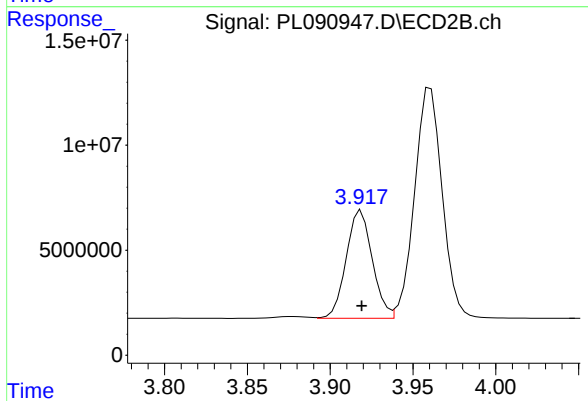
#5 Aldrin

R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 122865391
Conc: 55.42 ng/ml



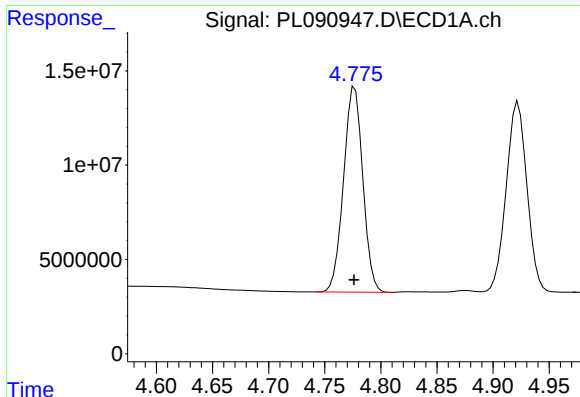
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 65618755
Conc: 52.12 ng/ml



#6 beta-BHC

R.T.: 3.919 min
Delta R.T.: 0.000 min
Response: 56429495
Conc: 53.05 ng/ml



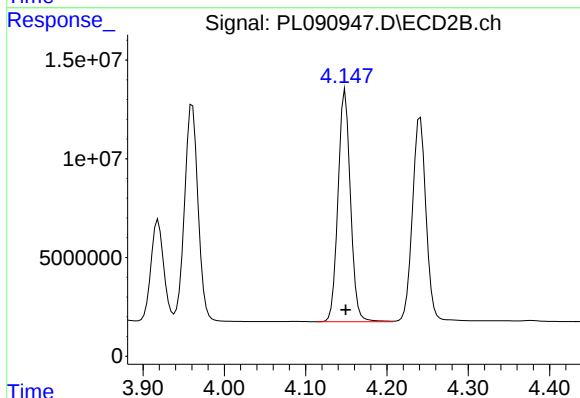
#7 delta-BHC

R.T.: 4.777 min
Delta R.T.: 0.000 min
Response: 129896253
Conc: 51.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162610BS

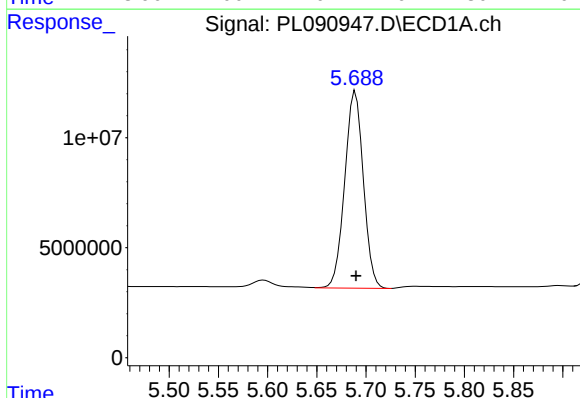
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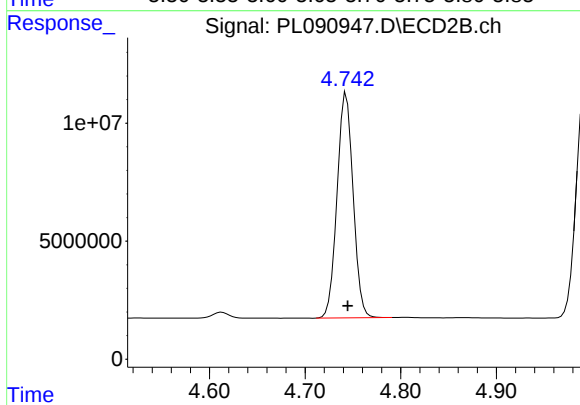
#7 delta-BHC

R.T.: 4.149 min
Delta R.T.: 0.000 min
Response: 124483397
Conc: 55.70 ng/ml



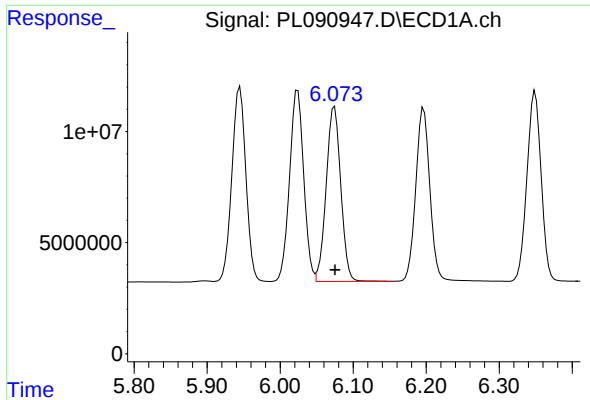
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 117953037
Conc: 51.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.743 min
Delta R.T.: -0.002 min
Response: 111275570
Conc: 54.59 ng/ml



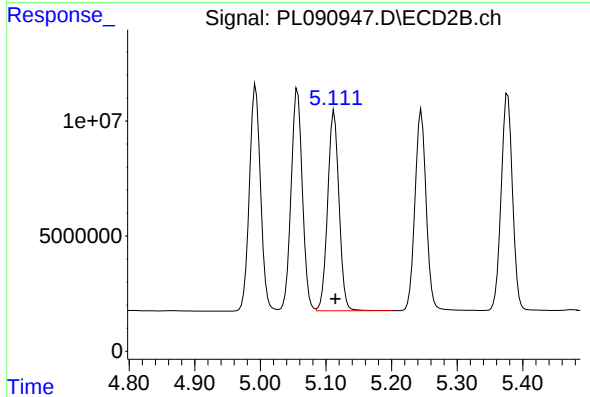
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: 0.000 min
Response: 109316672
Conc: 52.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162610BS

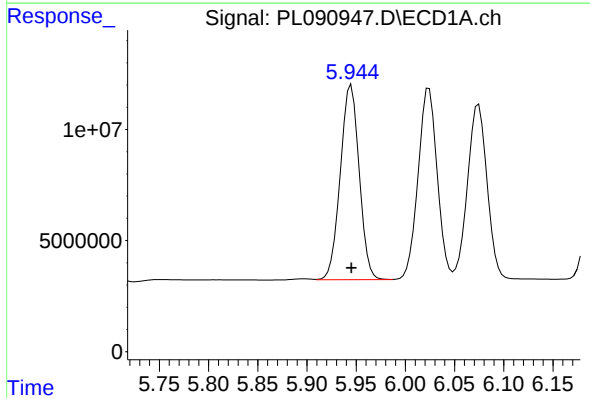
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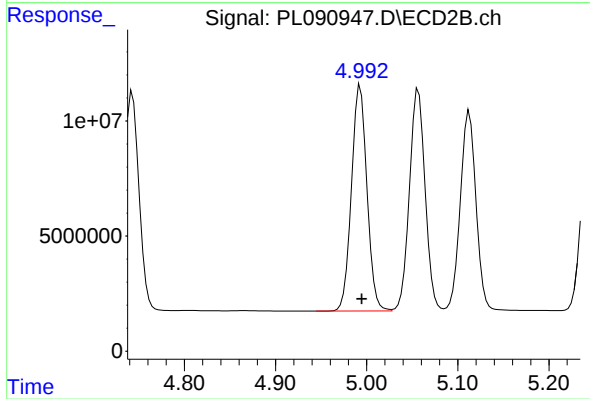
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 104698188
Conc: 54.22 ng/ml



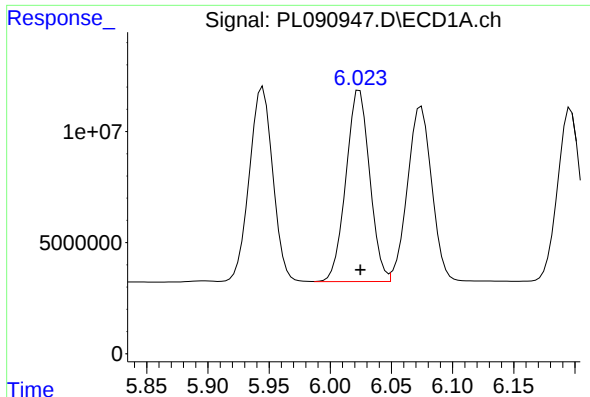
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 117113850
Conc: 51.83 ng/ml



#10 gamma-Chlordane

R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 115852649
Conc: 54.25 ng/ml



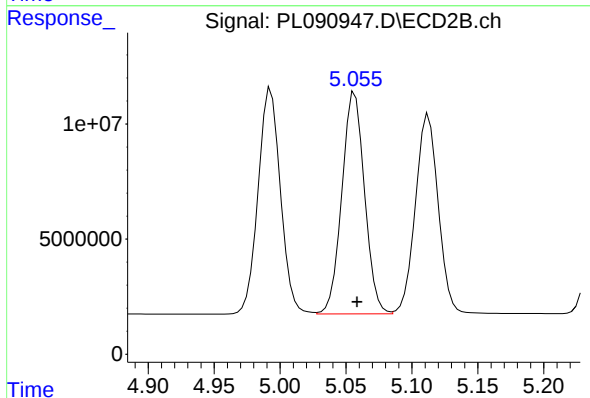
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 116503621
Conc: 52.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162610BS

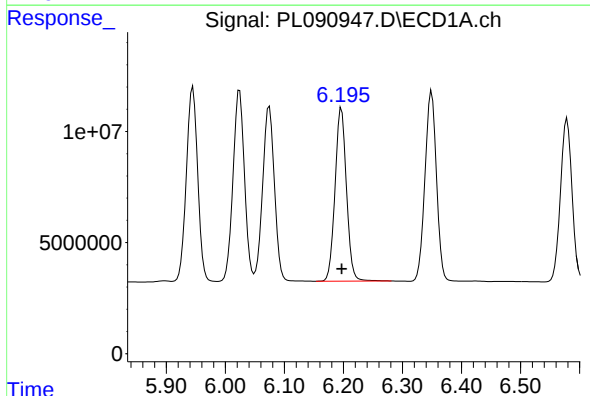
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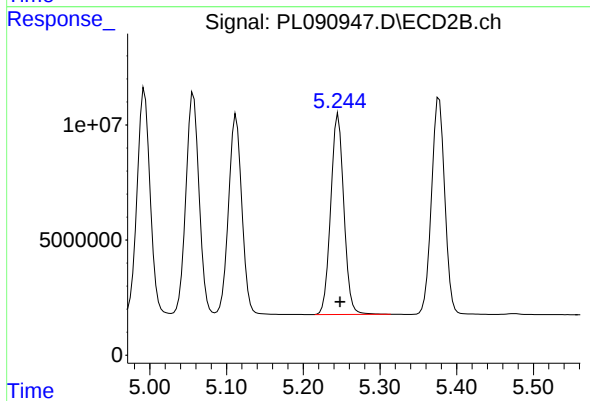
#11 alpha-Chlordane

R.T.: 5.057 min
Delta R.T.: -0.002 min
Response: 115317495
Conc: 54.05 ng/ml



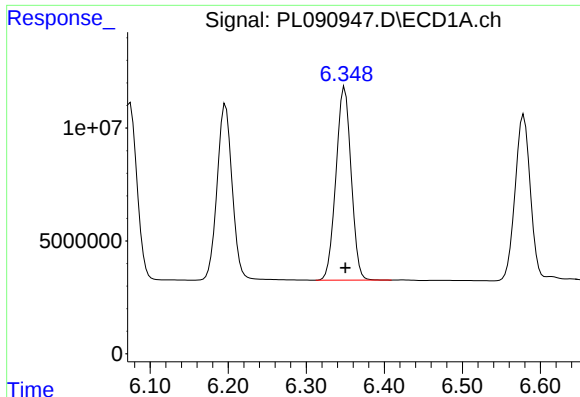
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 104843749
Conc: 52.89 ng/ml



#12 4,4'-DDE

R.T.: 5.246 min
Delta R.T.: -0.002 min
Response: 103423216
Conc: 55.13 ng/ml



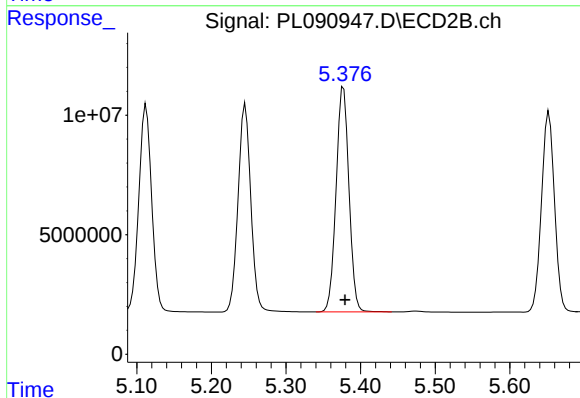
#13 Dieldrin

R.T.: 6.349 min
Delta R.T.: 0.000 min
Response: 115586709
Conc: 52.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162610BS

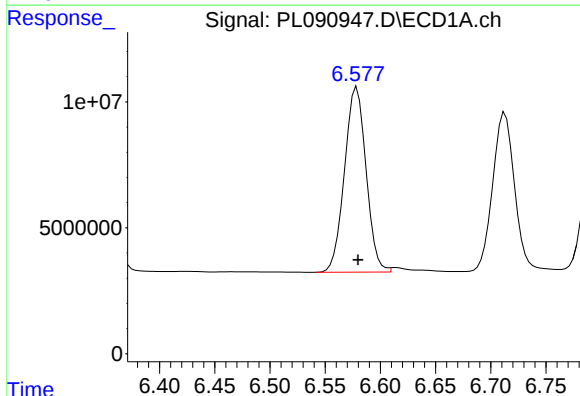
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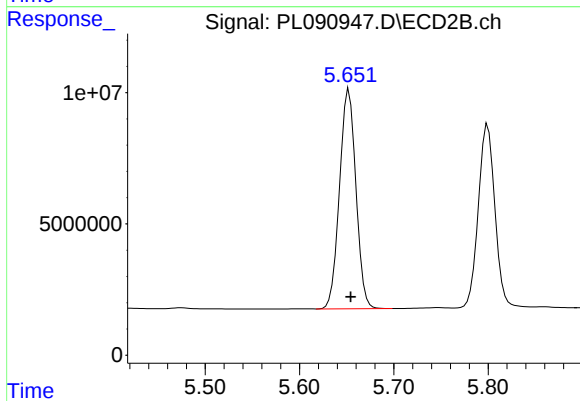
#13 Dieldrin

R.T.: 5.376 min
Delta R.T.: -0.004 min
Response: 113176040
Conc: 54.81 ng/ml m



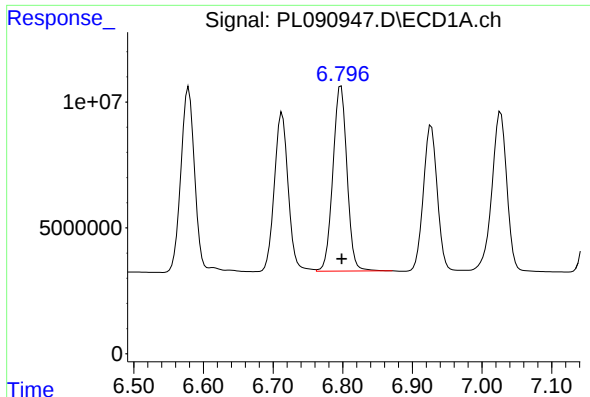
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.002 min
Response: 100075231
Conc: 54.64 ng/ml m



#14 Endrin

R.T.: 5.651 min
Delta R.T.: -0.003 min
Response: 101201202
Conc: 55.39 ng/ml m



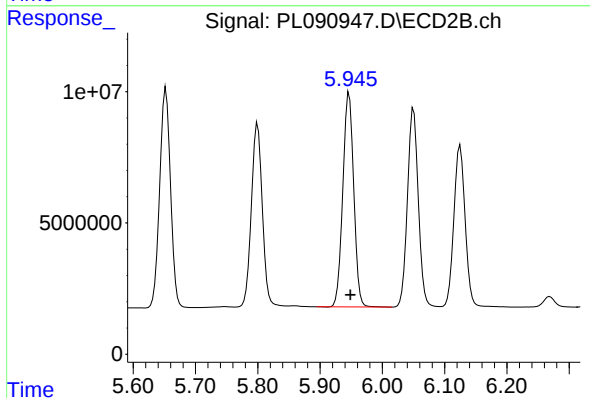
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: -0.001 min
Response: 103684739
Conc: 51.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162610BS

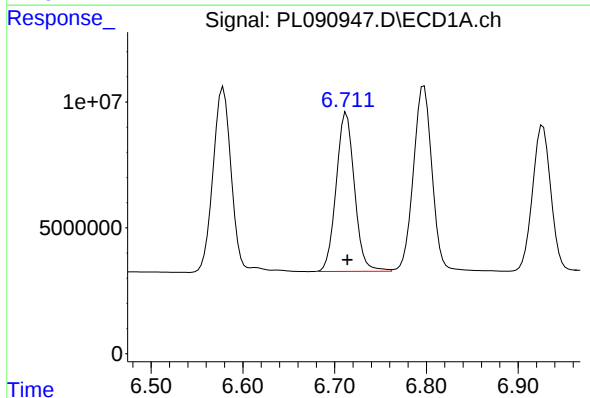
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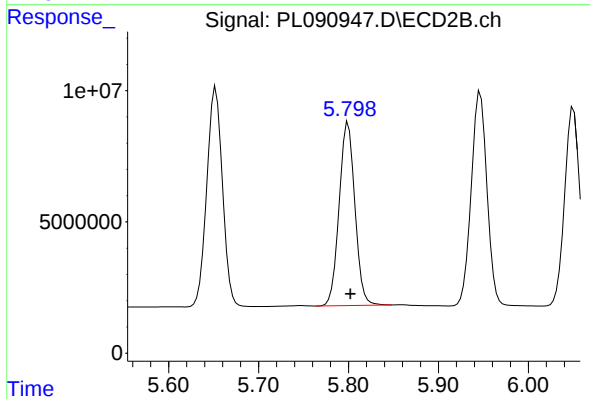
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 99566419
Conc: 54.82 ng/ml



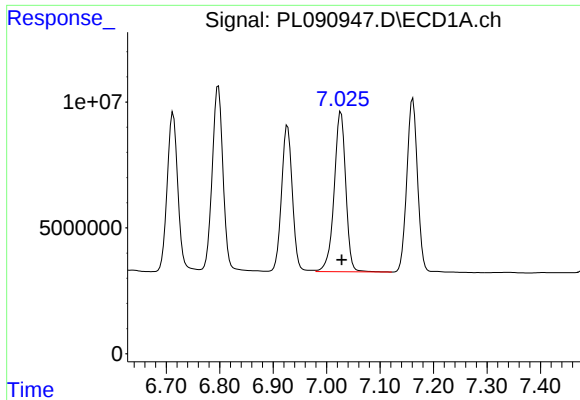
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: -0.001 min
Response: 87413725
Conc: 53.02 ng/ml



#16 4,4'-DDD

R.T.: 5.800 min
Delta R.T.: -0.002 min
Response: 84945232
Conc: 54.74 ng/ml



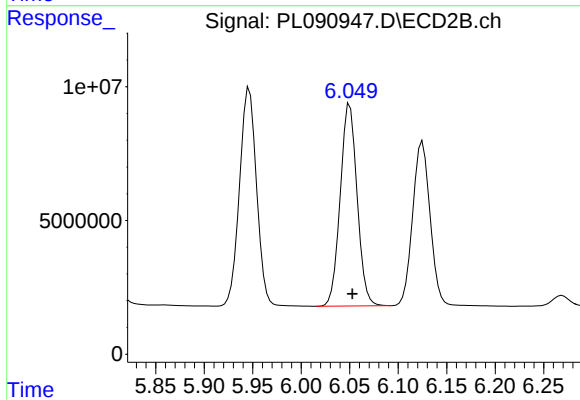
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: -0.002 min
Response: 95750700
Conc: 53.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162610BS

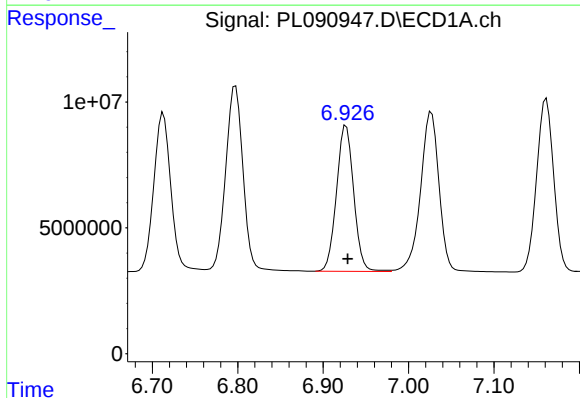
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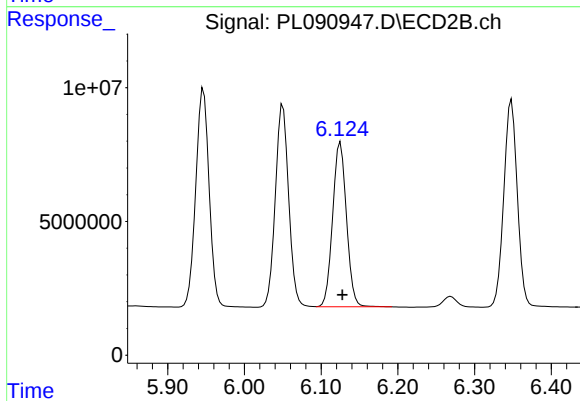
#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: -0.004 min
Response: 91388172
Conc: 55.11 ng/ml m



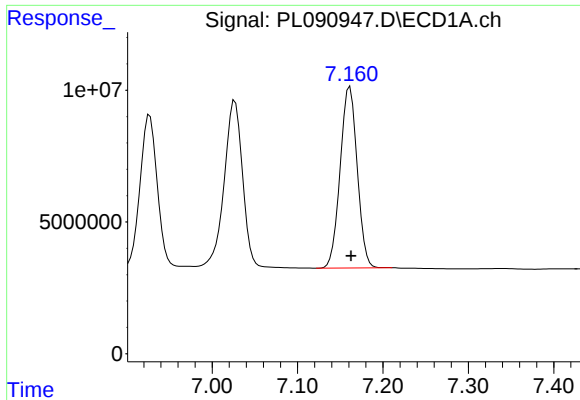
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 81038568
Conc: 53.81 ng/ml



#18 Endrin aldehyde

R.T.: 6.125 min
Delta R.T.: -0.003 min
Response: 77018681
Conc: 54.40 ng/ml



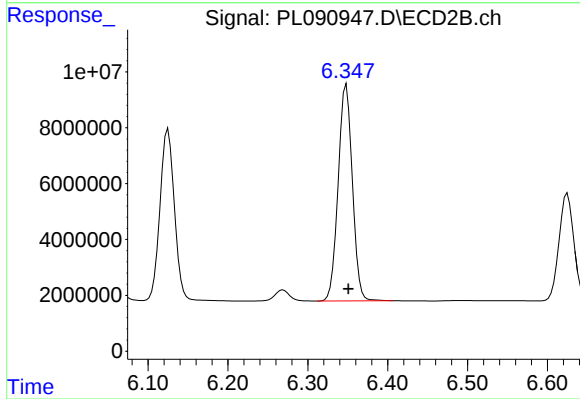
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: -0.001 min
Response: 95421625
Conc: 53.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162610BS

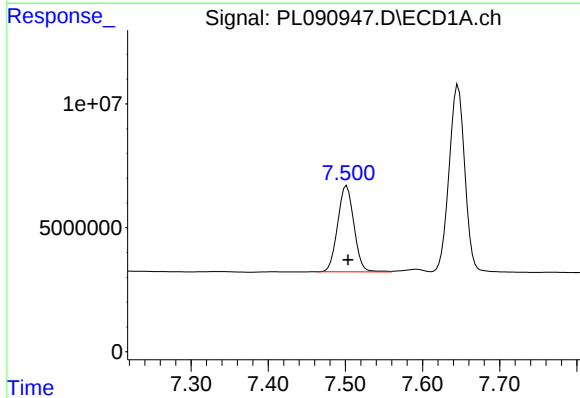
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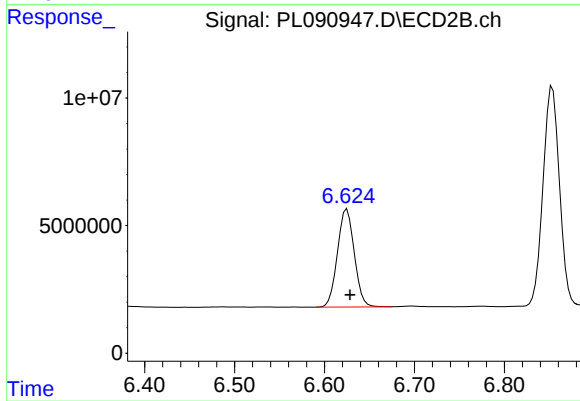
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 95693219
Conc: 54.82 ng/ml



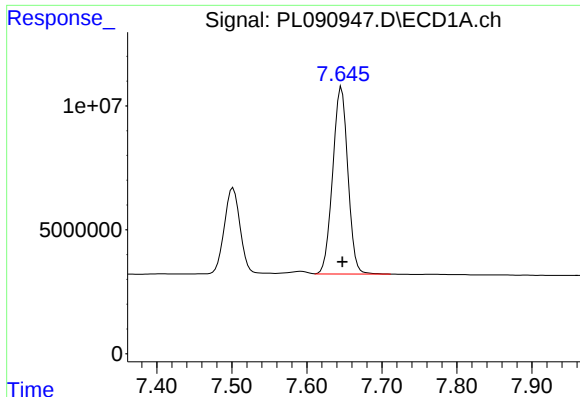
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.002 min
Response: 50991488
Conc: 53.44 ng/ml



#20 Methoxychlor

R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 49980735
Conc: 54.15 ng/ml



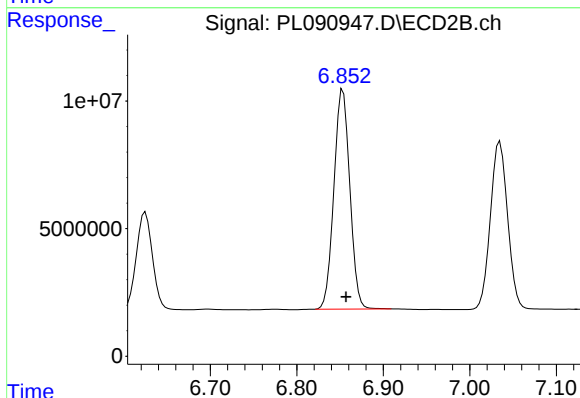
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.002 min
Response: 106169606
Conc: 53.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162610BS

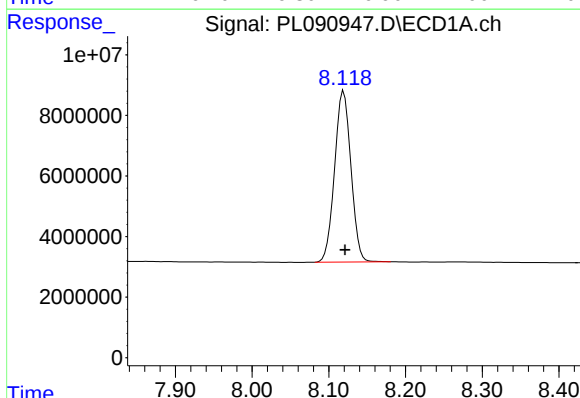
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/12/2024
Supervised By :Ankita Jodhani 08/12/2024



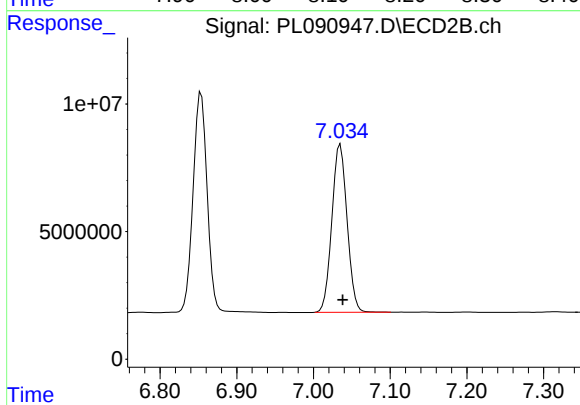
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.004 min
Response: 109593246
Conc: 55.30 ng/ml



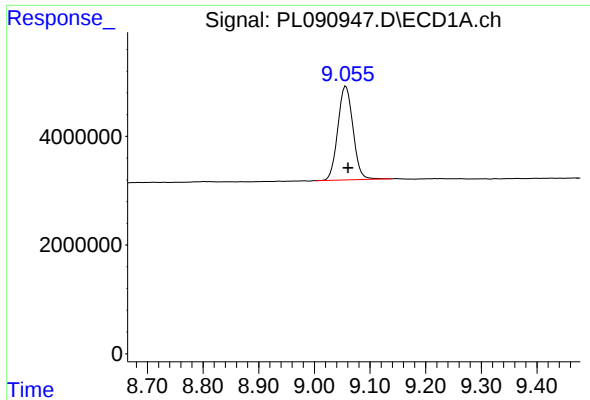
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.002 min
Response: 83638426
Conc: 53.80 ng/ml



#22 Mirex

R.T.: 7.035 min
Delta R.T.: -0.003 min
Response: 90664727
Conc: 53.99 ng/ml



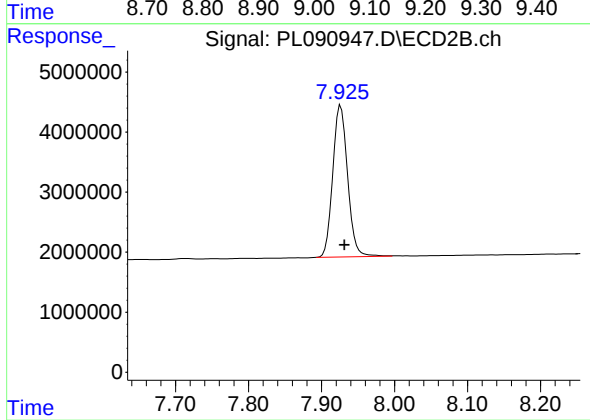
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: -0.004 min
Response: 32638899
Conc: 22.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162610BS

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#28 Decachlorobiphenyl

R.T.: 7.926 min
Delta R.T.: -0.005 min
Response: 35762015
Conc: 21.42 ng/ml