

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081124\
 Data File : PL090950.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2024 05:33
 Operator : AR\AJ
 Sample : P3478-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TS04MSD

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 05:48:22 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...	3.545	2.787	41963241	36605676	21.673	21.174
28)	SA Decachlor...	9.056	7.927	28739714	32674959	20.003	19.576
Target Compounds							
2)	A alpha-BHC	4.000	3.290	156.7E6	149.6E6	56.739	60.723
3)	MA gamma-BHC...	4.331	3.620	152.8E6	141.6E6	58.116m	60.494
4)	MA Heptachlor	4.921	3.960	126.4E6	123.3E6	51.098	53.173
5)	MB Aldrin	5.263	4.239	118.5E6	116.8E6	49.298	52.701m
6)	B beta-BHC	4.528	3.919	68843673	62192053	54.686	58.471
7)	B delta-BHC	4.776	4.149	140.4E6	137.0E6	56.072	61.283
8)	B Heptachlo...	5.689	4.743	127.5E6	117.9E6	56.090	57.834
9)	A Endosulfan I	6.074	5.113	116.8E6	111.2E6	55.722	57.563
10)	B gamma-Chl...	5.942	4.993	120.1E6	122.9E6	53.174m	57.537
11)	B alpha-Chl...	6.022	5.057	120.8E6	122.1E6	53.919m	57.228
12)	B 4,4'-DDE	6.195	5.246	107.9E6	109.7E6	54.440m	58.477
13)	MA Dieldrin	6.348	5.375	121.0E6	120.6E6	55.161	58.401m
14)	MA Endrin	6.577	5.651	106.0E6	109.3E6	57.903m	59.824m
15)	B Endosulfa...	6.797	5.945	107.1E6	105.4E6	53.415	58.008m
16)	A 4,4'-DDD	6.712	5.800	89949377	89843291	54.562	57.899
17)	MA 4,4'-DDT	7.026	6.049	100.6E6	99549740	56.410	60.032m
18)	B Endrin al...	6.926	6.126	80330838	79227801	53.339	55.959
19)	B Endosulfa...	7.160	6.348	99143879	100.8E6	55.276	57.762
20)	A Methoxychlor	7.501	6.625	53204530	52855823	55.756	57.263
21)	B Endrin ke...	7.645	6.853	109.1E6	114.6E6	55.060	57.829
22)	Mirex	8.119	7.034	83577256	92997567	53.765	55.379m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081124\
Data File : PL090950.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Aug 2024 05:33
Operator : AR\AJ
Sample : P3478-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

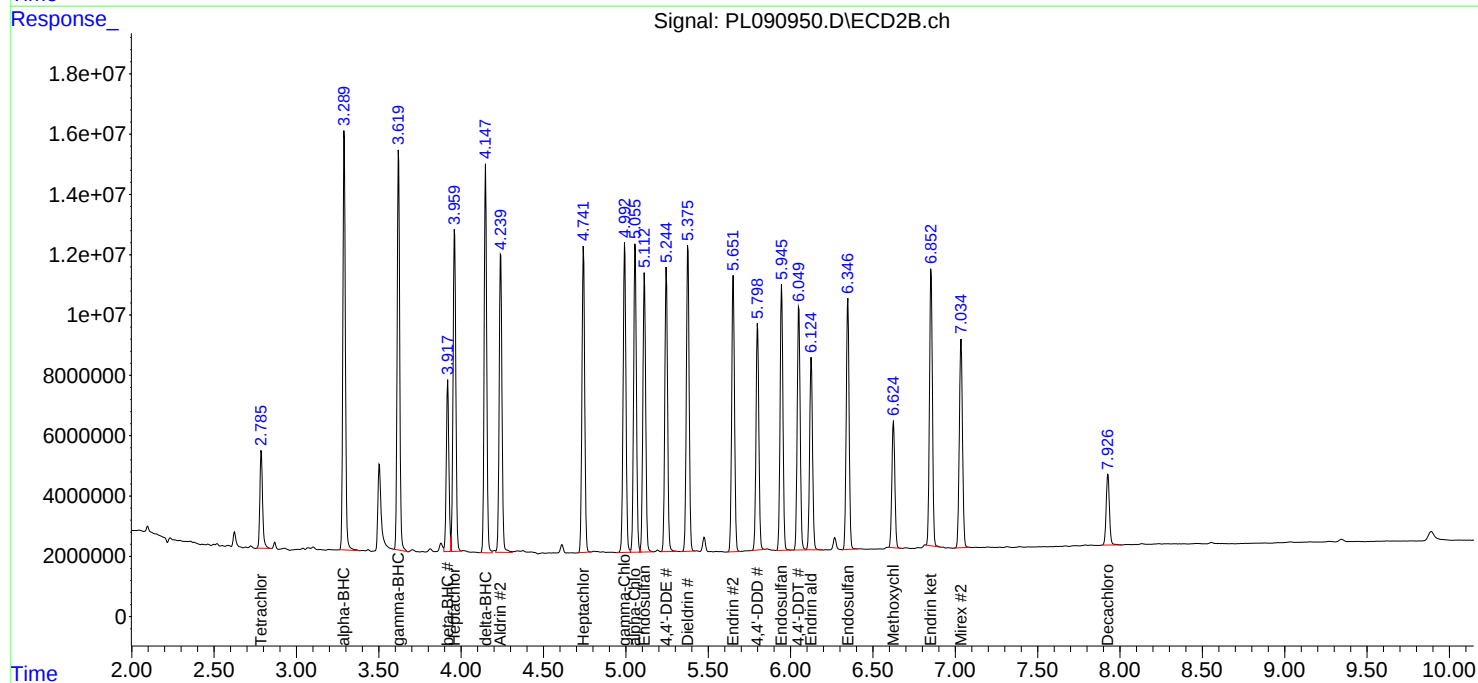
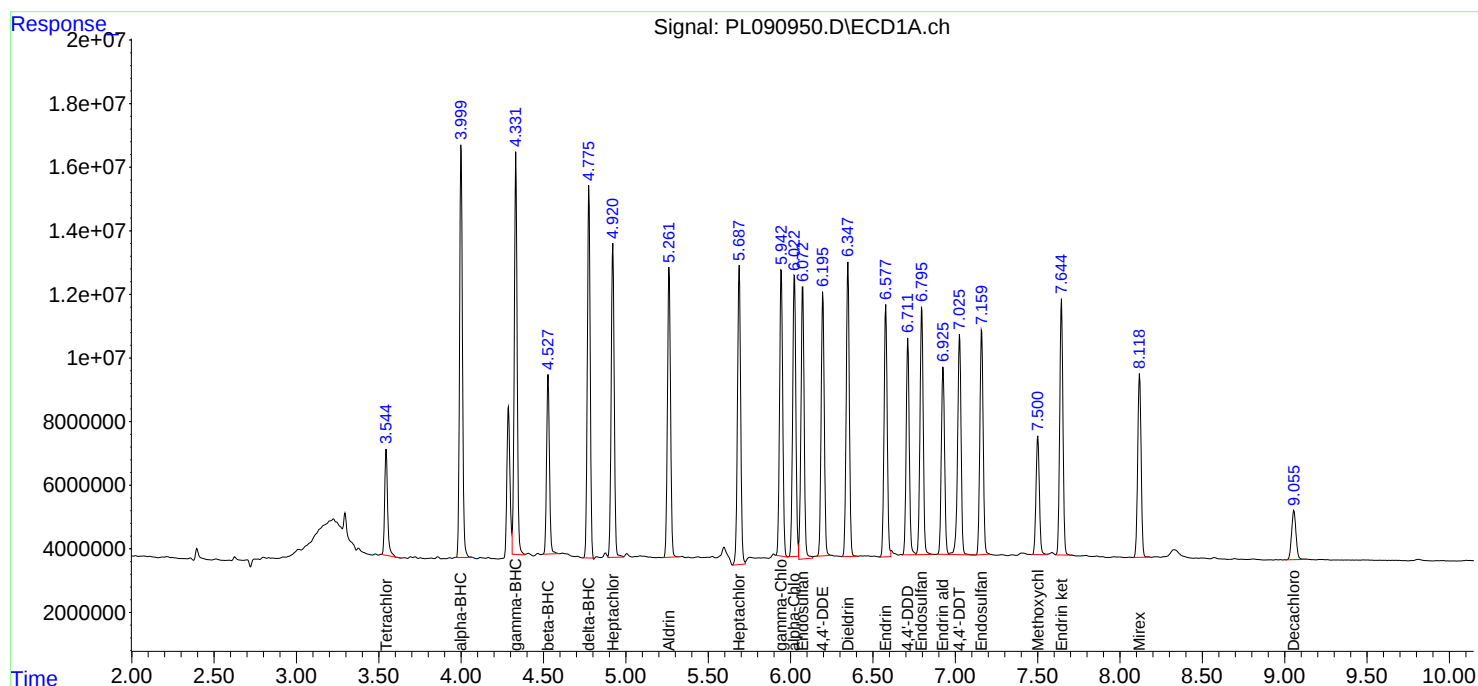
Instrument :
ECD_L
ClientSampleId :
TS04MSD

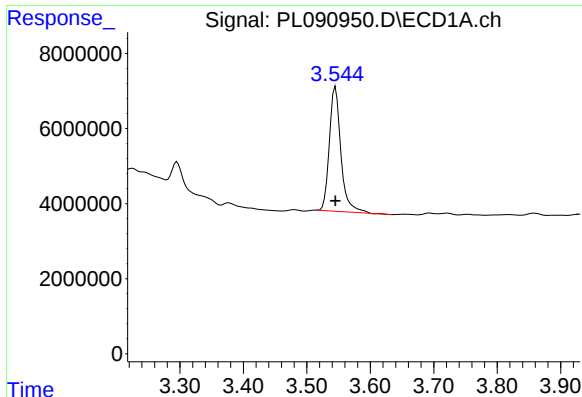
Manual Integrations
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Supervised By : Ankita Jodhani 08/12/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 05:48:22 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





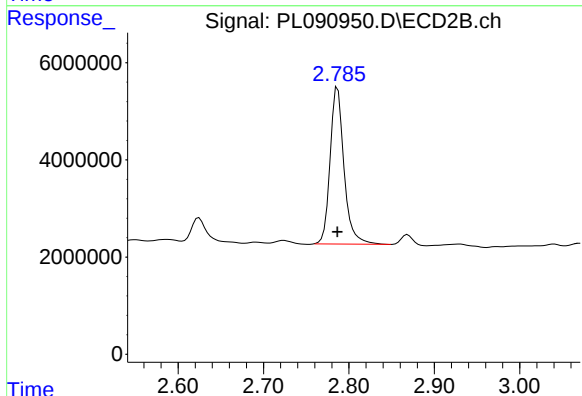
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 41963241
Conc: 21.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS04MSD

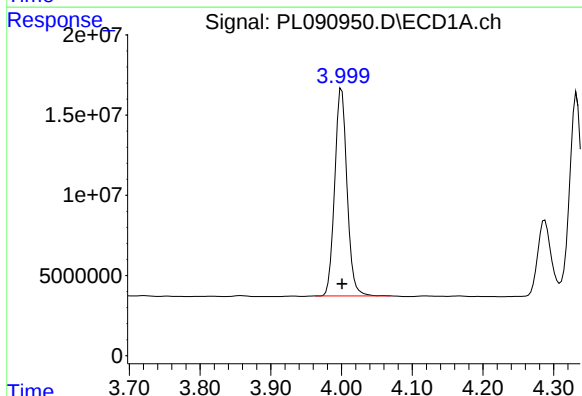
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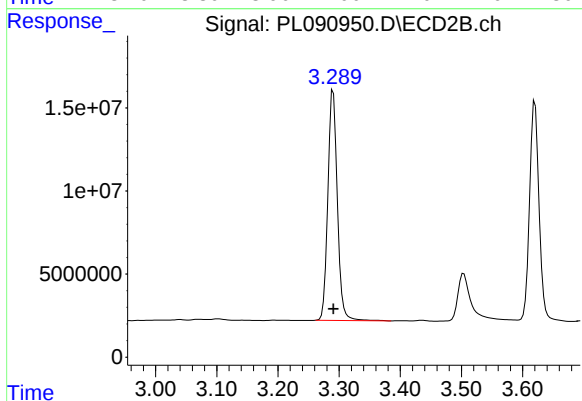
#1 Tetrachloro-m-xylene

R.T.: 2.787 min
Delta R.T.: 0.000 min
Response: 36605676
Conc: 21.17 ng/ml



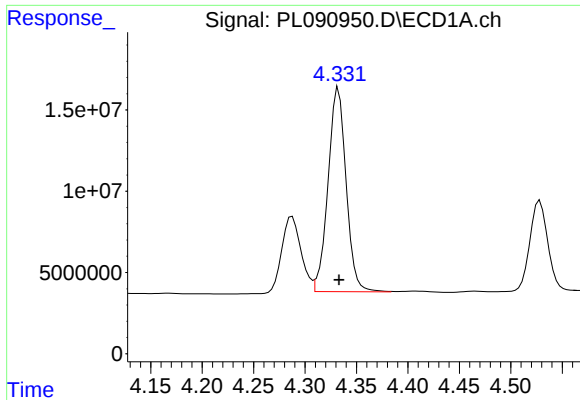
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 156723988
Conc: 56.74 ng/ml



#2 alpha-BHC

R.T.: 3.290 min
Delta R.T.: 0.000 min
Response: 149587103
Conc: 60.72 ng/ml



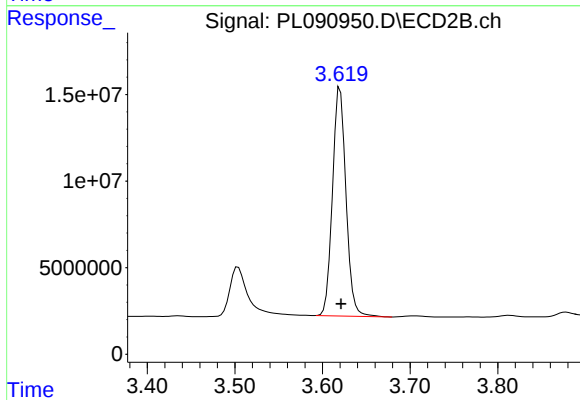
#3 gamma-BHC (Lindane)

R.T.: 4.331 min
Delta R.T.: -0.002 min
Response: 152848758
Conc: 58.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS04MSD

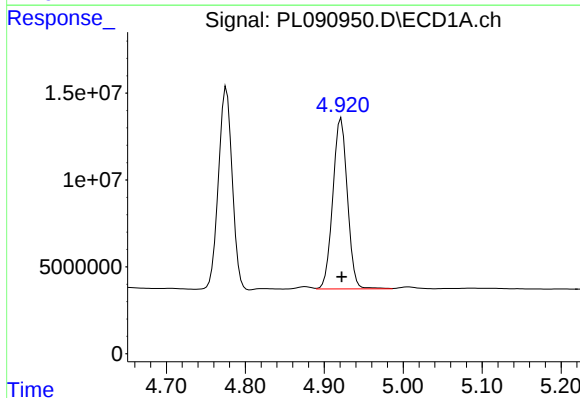
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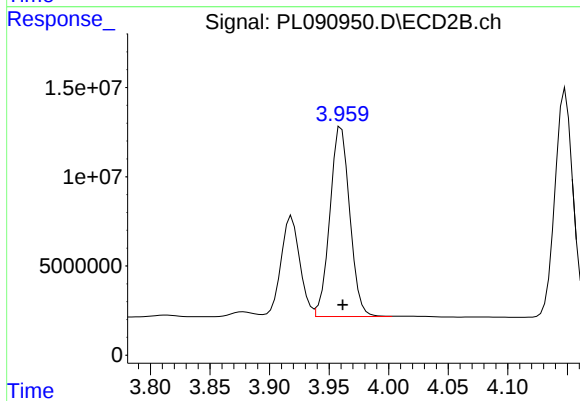
#3 gamma-BHC (Lindane)

R.T.: 3.620 min
Delta R.T.: 0.000 min
Response: 141629679
Conc: 60.49 ng/ml



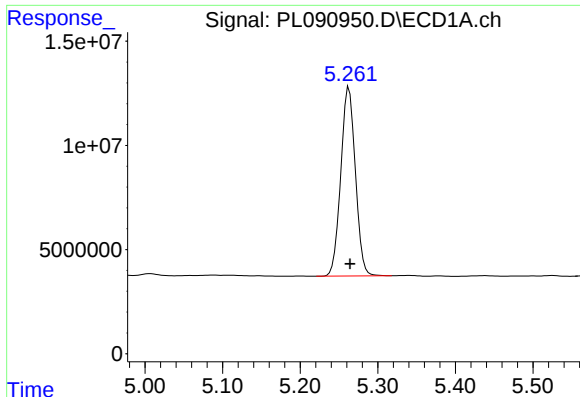
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 126368550
Conc: 51.10 ng/ml



#4 Heptachlor

R.T.: 3.960 min
Delta R.T.: -0.001 min
Response: 123284433
Conc: 53.17 ng/ml



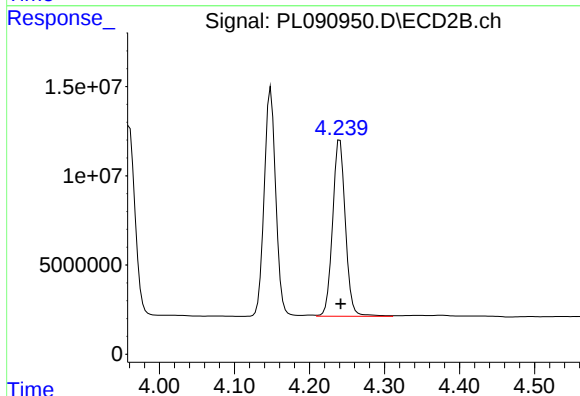
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: -0.001 min
Response: 118501173
Conc: 49.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS04MSD

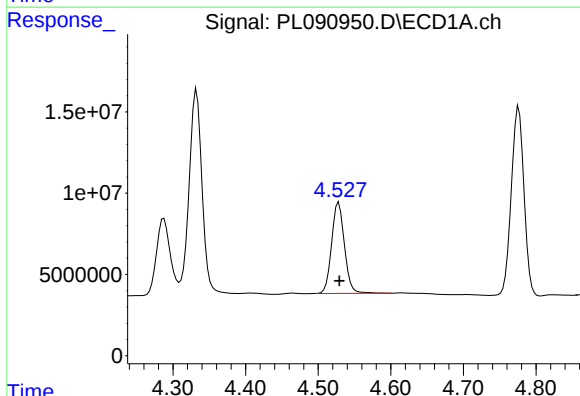
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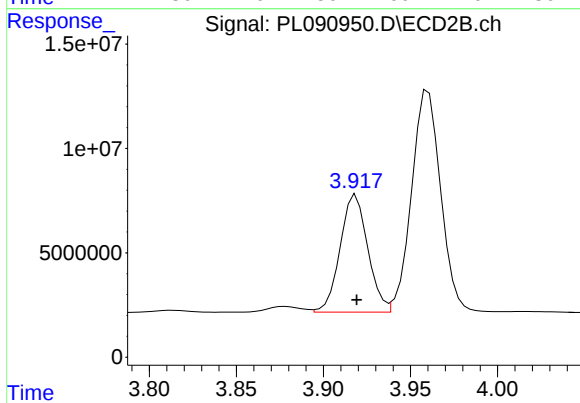
#5 Aldrin

R.T.: 4.239 min
Delta R.T.: -0.003 min
Response: 116842693
Conc: 52.70 ng/ml m



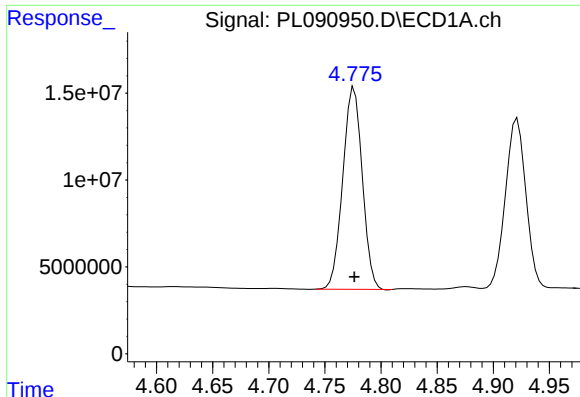
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 68843673
Conc: 54.69 ng/ml



#6 beta-BHC

R.T.: 3.919 min
Delta R.T.: 0.000 min
Response: 62192053
Conc: 58.47 ng/ml



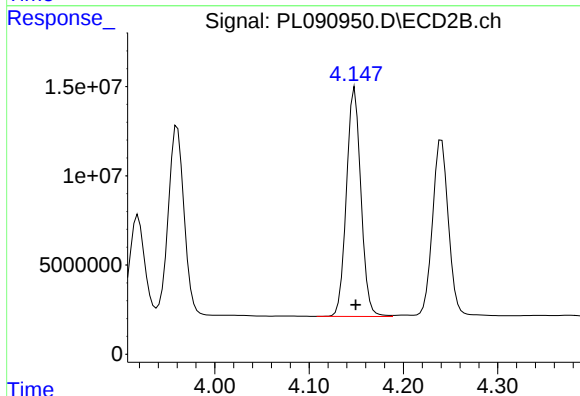
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 140376036
Conc: 56.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS04MSD

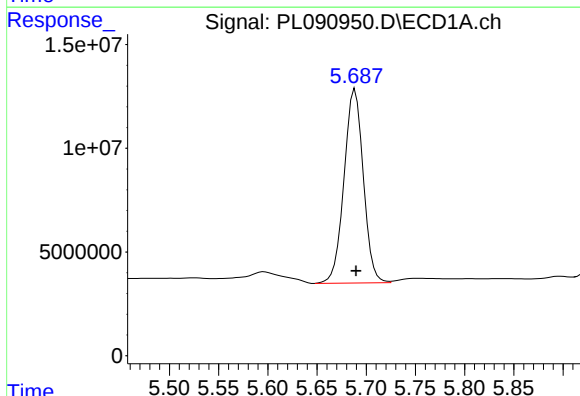
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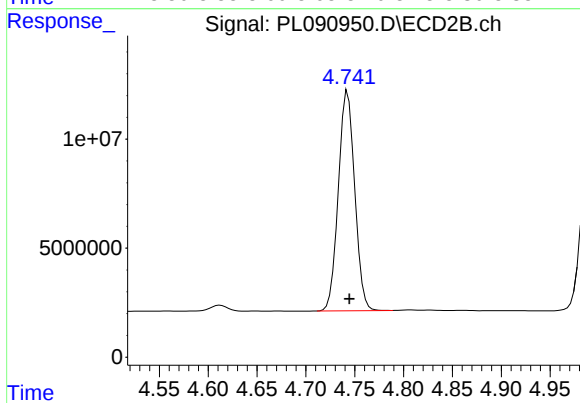
#7 delta-BHC

R.T.: 4.149 min
Delta R.T.: 0.000 min
Response: 136954951
Conc: 61.28 ng/ml



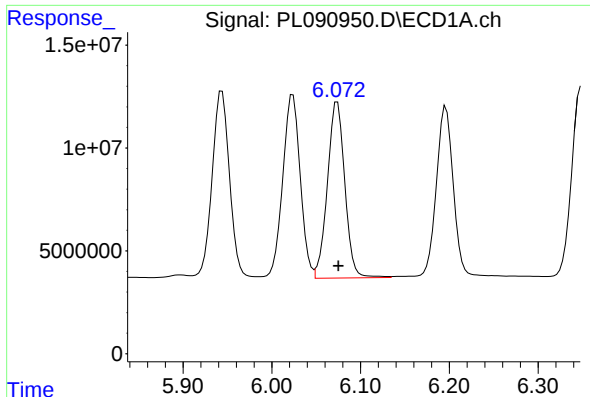
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 127460801
Conc: 56.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.743 min
Delta R.T.: -0.002 min
Response: 117884769
Conc: 57.83 ng/ml



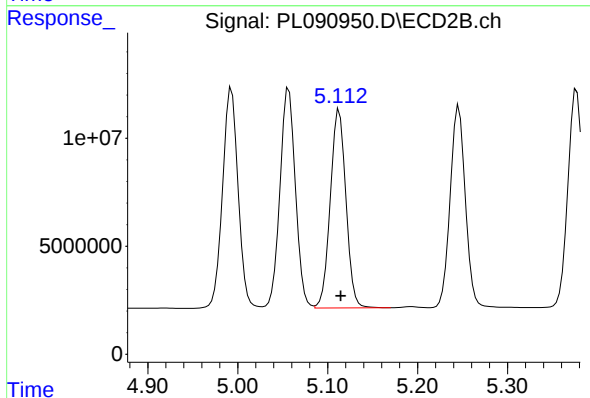
#9 Endosulfan I

R.T.: 6.074 min
Delta R.T.: -0.001 min
Response: 116803896
Conc: 55.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS04MSD

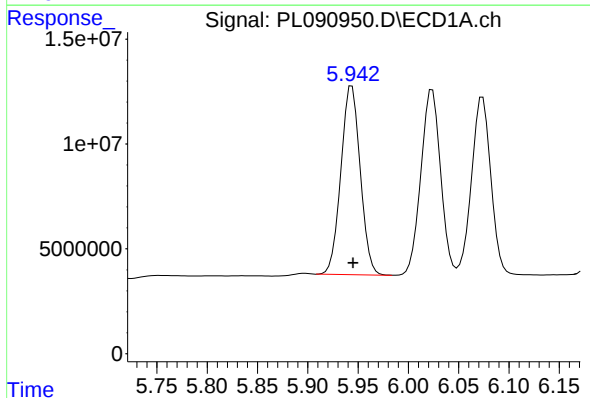
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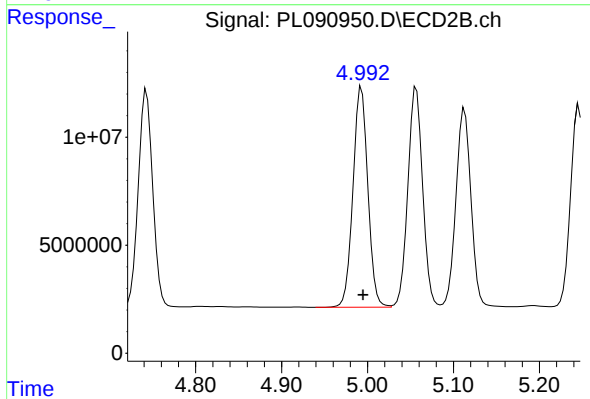
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 111158199
Conc: 57.56 ng/ml



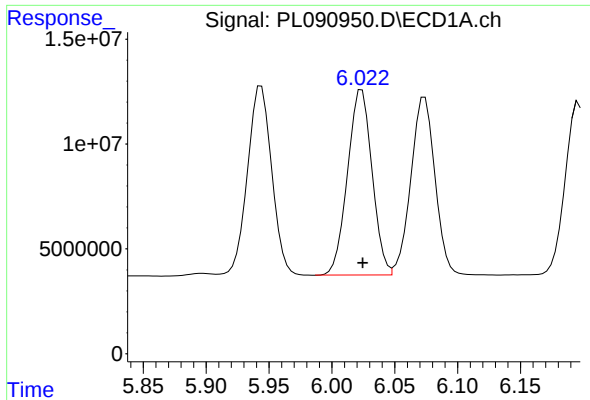
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 120148277
Conc: 53.17 ng/ml m



#10 gamma-Chlordane

R.T.: 4.993 min
Delta R.T.: -0.002 min
Response: 122877353
Conc: 57.54 ng/ml



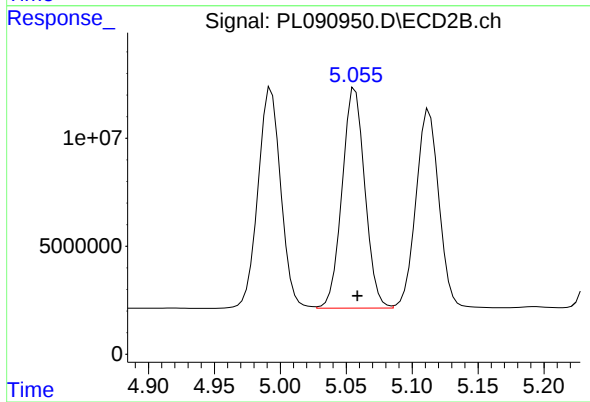
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.002 min
Response: 120755651
Conc: 53.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS04MSD

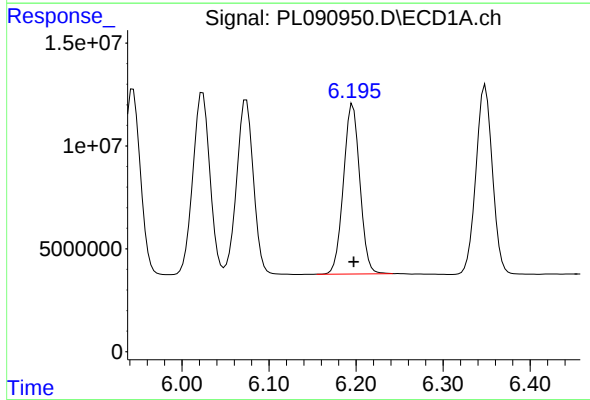
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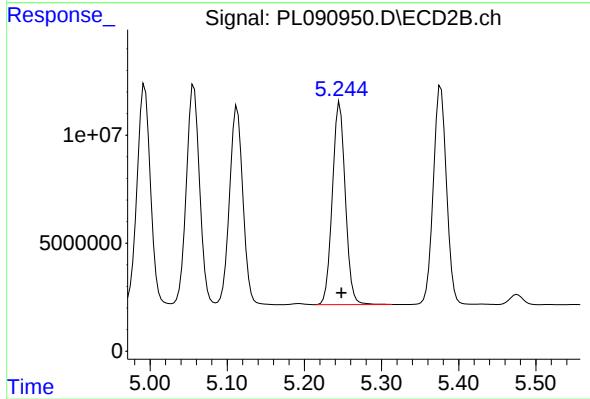
#11 alpha-Chlordane

R.T.: 5.057 min
Delta R.T.: -0.002 min
Response: 122099401
Conc: 57.23 ng/ml



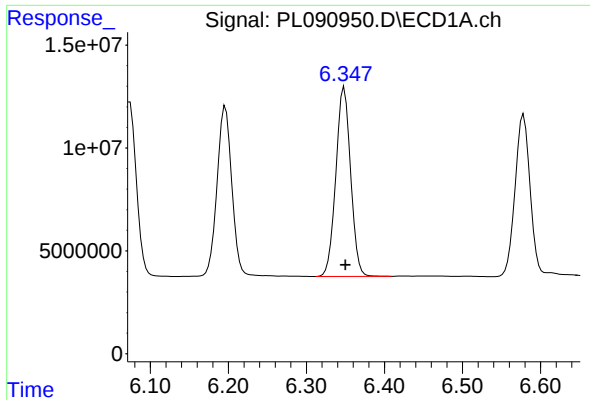
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 107919230
Conc: 54.44 ng/ml m



#12 4,4'-DDE

R.T.: 5.246 min
Delta R.T.: -0.002 min
Response: 109696489
Conc: 58.48 ng/ml



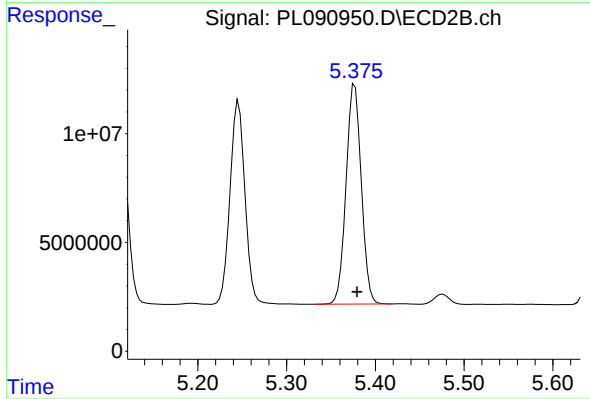
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: -0.002 min
Response: 120986988
Conc: 55.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS04MSD

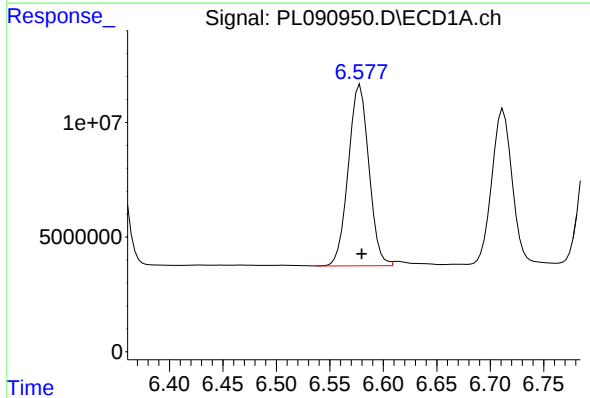
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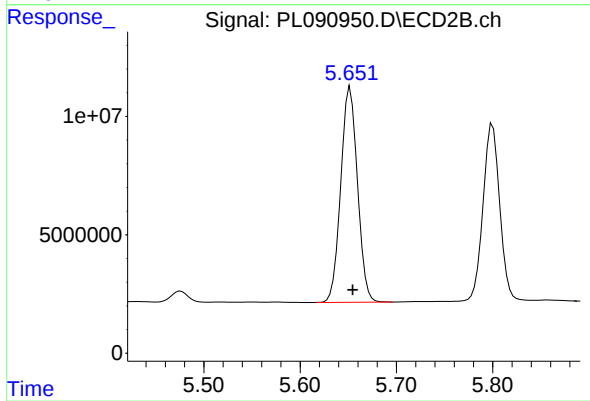
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: -0.004 min
Response: 120583752
Conc: 58.40 ng/ml m



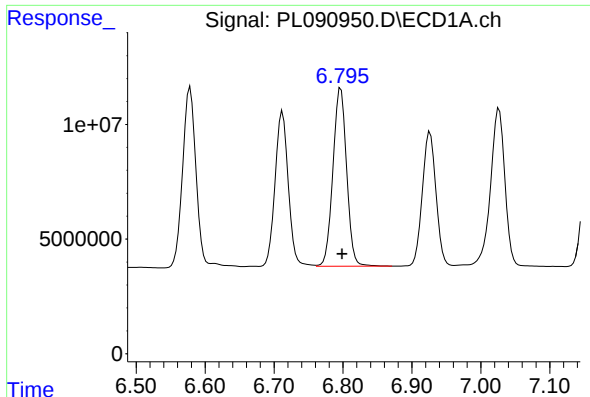
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.003 min
Response: 106046515
Conc: 57.90 ng/ml m



#14 Endrin

R.T.: 5.651 min
Delta R.T.: -0.004 min
Response: 109310973
Conc: 59.82 ng/ml m



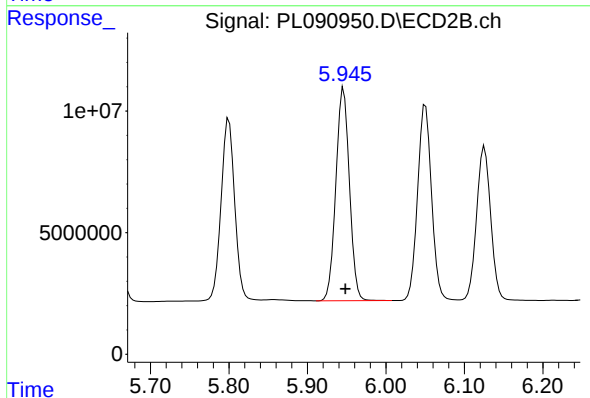
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: -0.002 min
Response: 107115992
Conc: 53.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS04MSD

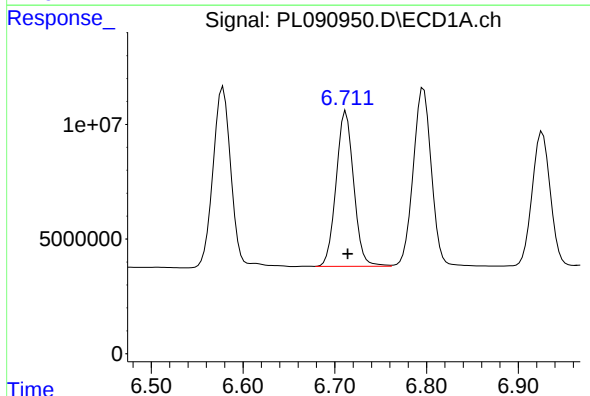
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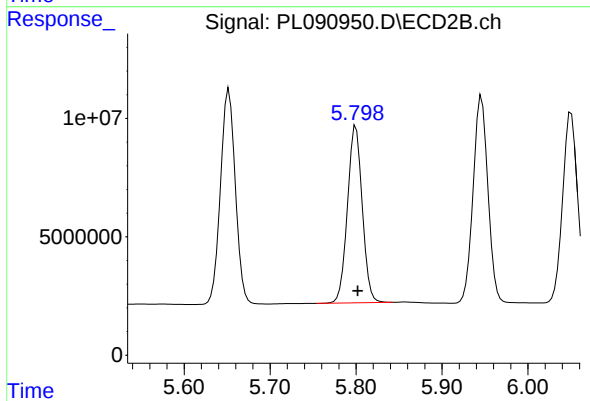
#15 Endosulfan II

R.T.: 5.945 min
Delta R.T.: -0.004 min
Response: 105358668
Conc: 58.01 ng/ml m



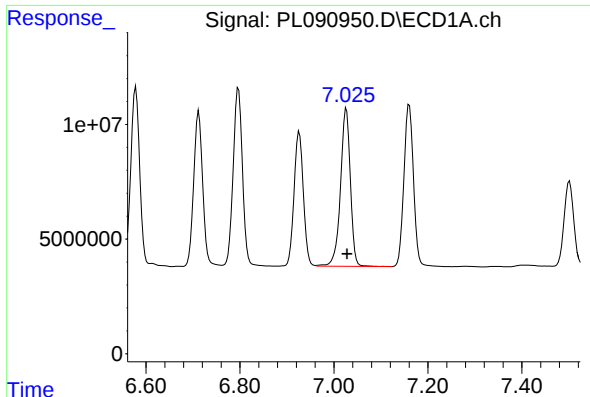
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 89949377
Conc: 54.56 ng/ml



#16 4,4'-DDD

R.T.: 5.800 min
Delta R.T.: -0.002 min
Response: 89843291
Conc: 57.90 ng/ml



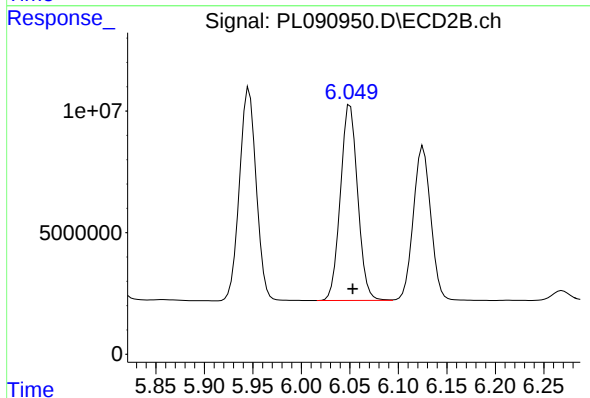
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.002 min
Response: 100567479
Conc: 56.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS04MSD

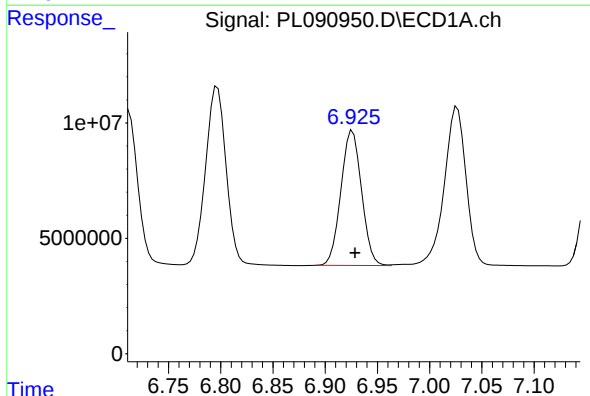
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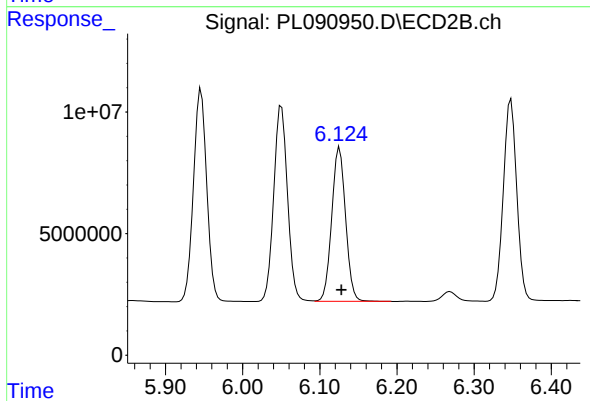
#17 4,4'-DDT

R.T.: 6.049 min
Delta R.T.: -0.004 min
Response: 99549740
Conc: 60.03 ng/ml m



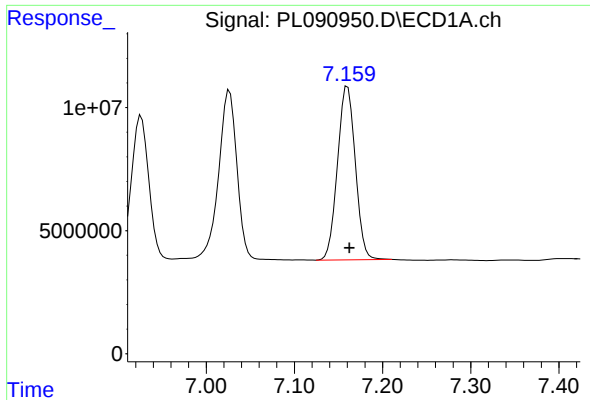
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 80330838
Conc: 53.34 ng/ml



#18 Endrin aldehyde

R.T.: 6.126 min
Delta R.T.: -0.002 min
Response: 79227801
Conc: 55.96 ng/ml



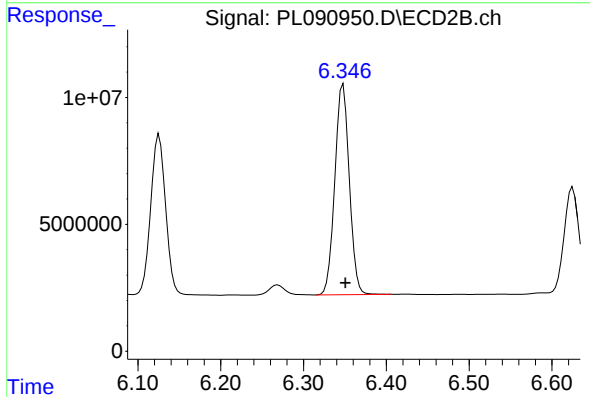
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: -0.002 min
Response: 99143879
Conc: 55.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS04MSD

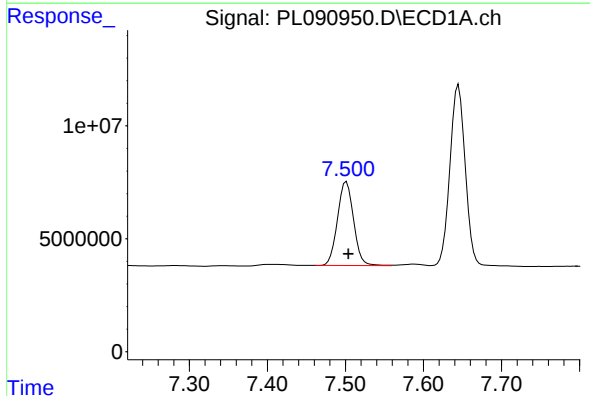
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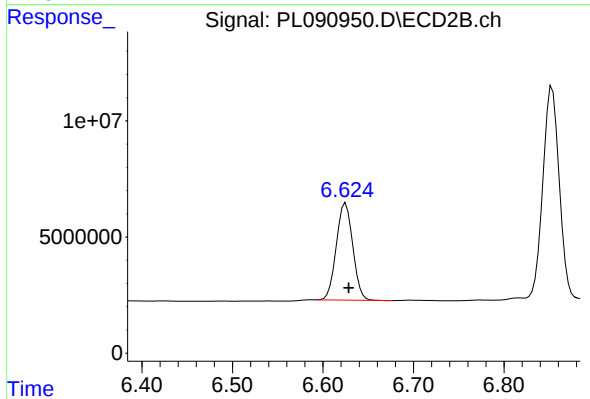
#19 Endosulfan Sulfate

R.T.: 6.348 min
Delta R.T.: -0.003 min
Response: 100834715
Conc: 57.76 ng/ml



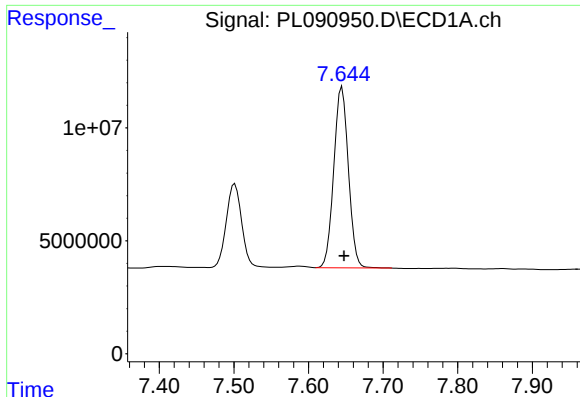
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: -0.002 min
Response: 53204530
Conc: 55.76 ng/ml



#20 Methoxychlor

R.T.: 6.625 min
Delta R.T.: -0.003 min
Response: 52855823
Conc: 57.26 ng/ml



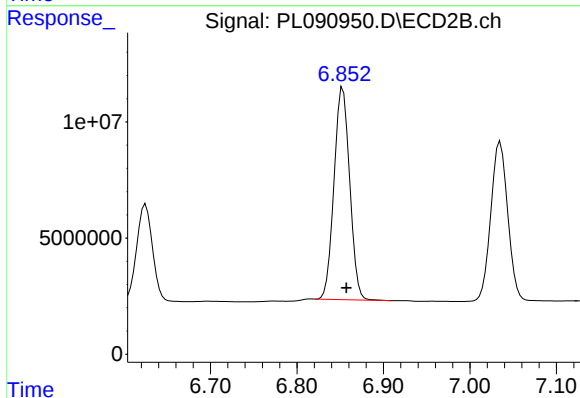
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.003 min
Response: 109094839
Conc: 55.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS04MSD

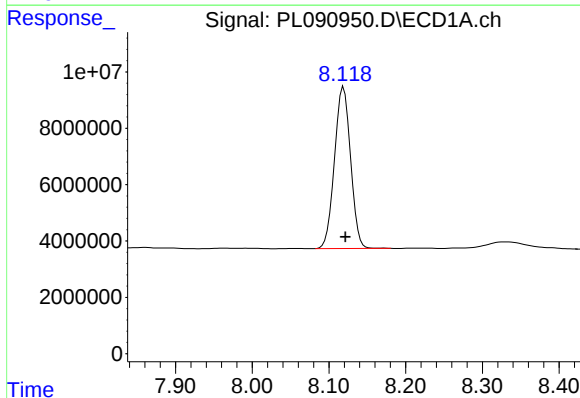
Manual Integrations
APPROVED

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



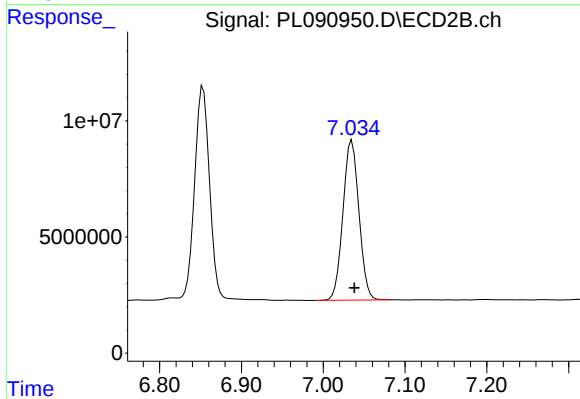
#21 Endrin ketone

R.T.: 6.853 min
Delta R.T.: -0.004 min
Response: 114611864
Conc: 57.83 ng/ml



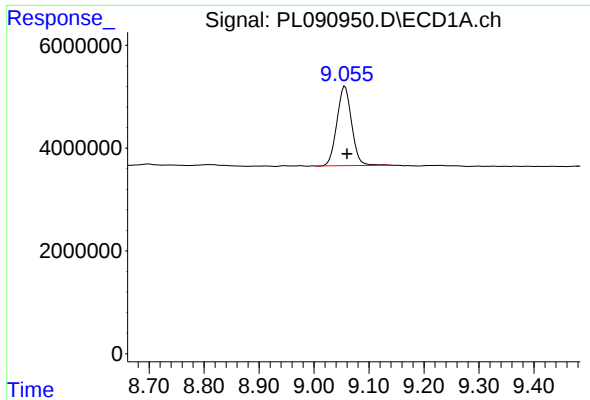
#22 Mirex

R.T.: 8.119 min
Delta R.T.: -0.002 min
Response: 83577256
Conc: 53.77 ng/ml



#22 Mirex

R.T.: 7.034 min
Delta R.T.: -0.005 min
Response: 92997567
Conc: 55.38 ng/ml m



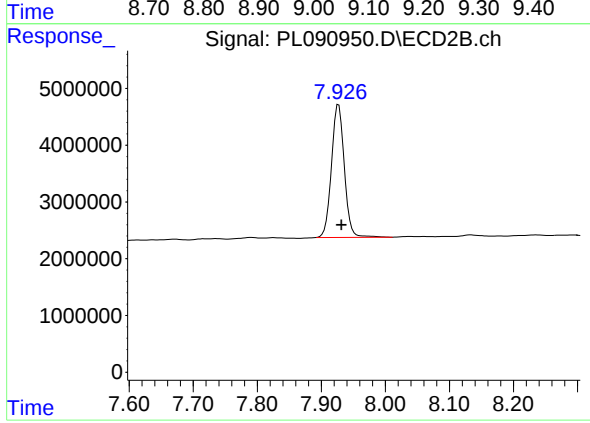
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: -0.004 min
Response: 28739714
Conc: 20.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS04MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.927 min
Delta R.T.: -0.004 min
Response: 32674959
Conc: 19.58 ng/ml