

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
 Data File : PL086462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2023 10:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/07/2023
 Supervised By : Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 12:50:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 02 05:32:51 2023
 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...	3.362	2.618	145.5E6	45651631	45.850	47.954
28)	SA Decachlor...	8.865	7.772	118.3E6	54488176	44.747	47.503
Target Compounds							
2)	A alpha-BHC	3.817	3.117	214.7E6	63996432	45.478	49.313
3)	MA gamma-BHC...	4.149	3.445	211.8E6	63338266	46.476	48.219
4)	MA Heptachlor	4.736	3.780	202.4E6	63625527	46.429	49.045
5)	MB Aldrin	5.076	4.058	202.4E6	61138430	45.698	47.977
6)	B beta-BHC	4.353	3.747	82855213	26529950	42.008	46.226
7)	B delta-BHC	4.595	3.972	198.3E6	59682553	45.445	47.216
8)	B Heptachlo...	5.506	4.563	170.1E6	56924940	43.973	47.615
9)	A Endosulfan I	5.889	4.931	168.6E6	53149252	45.856	44.783
10)	B gamma-Chl...	5.763	4.815	181.0E6	57022340	45.626	48.186
11)	B alpha-Chl...	5.842	4.878	180.9E6	58128639	45.445	46.532
12)	B 4,4'-DDE	6.026	5.078	150.3E6	47999207	47.358	48.639
13)	MA Dieldrin	6.166	5.197	176.3E6	56074748	45.865	46.957
14)	MA Endrin	6.395	5.470	133.6E6	50208528	40.018	45.564
15)	B Endosulfa...	6.617	5.769	155.3E6	51622920	48.217	47.892
16)	A 4,4'-DDD	6.543	5.634	112.7E6	39780326	47.518m	48.841
17)	MA 4,4'-DDT	6.860	5.885	123.0E6	47491547	47.140	50.376
18)	B Endrin al...	6.749	5.950	109.4E6	40229118	44.940	47.704
19)	B Endosulfa...	6.985	6.175	142.1E6	50423427	46.004	47.827
20)	A Methoxychlor	7.345	6.470	67671248	28193284	48.789	48.248
21)	B Endrin ke...	7.466	6.676	151.5E6	60524991	47.481	48.529
22)	Mirex	7.939	6.853	123.0E6	50841975	45.092	44.440

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
Data File : PL086462.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 10:30
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

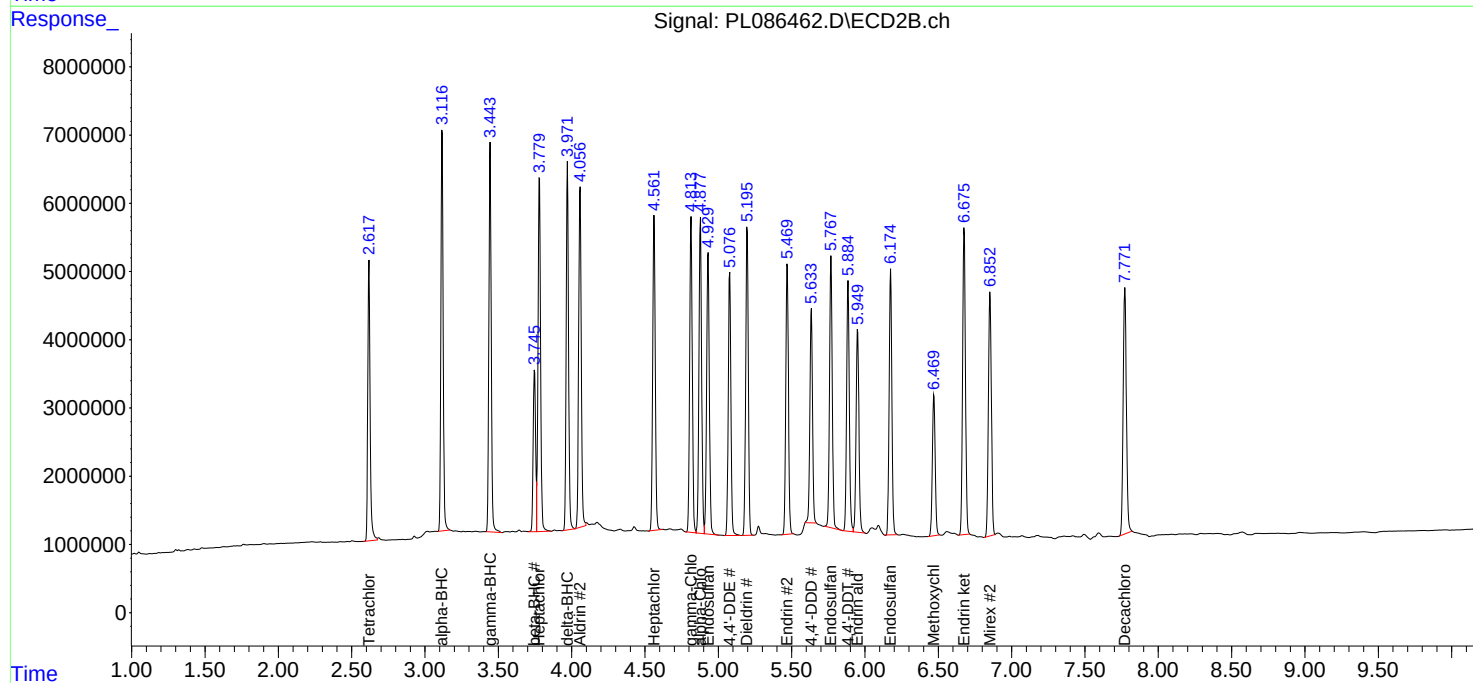
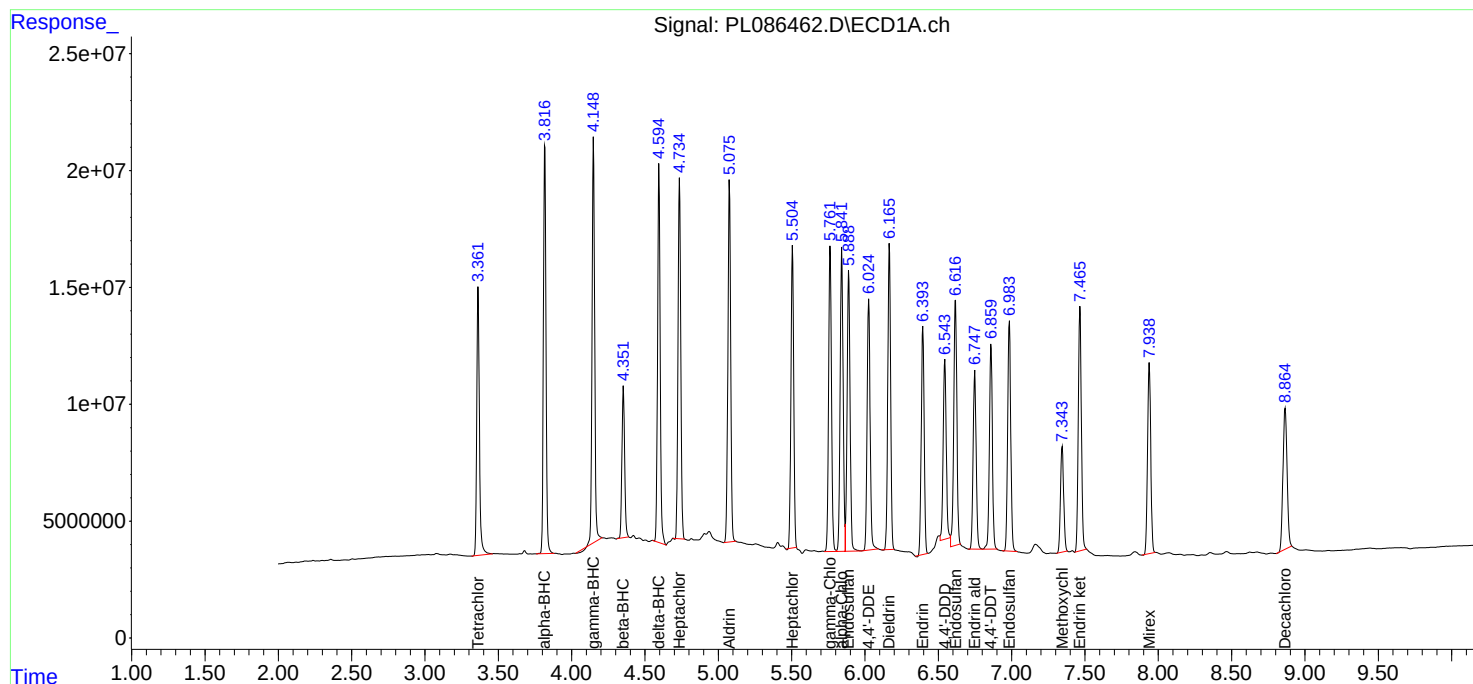
APPROVED

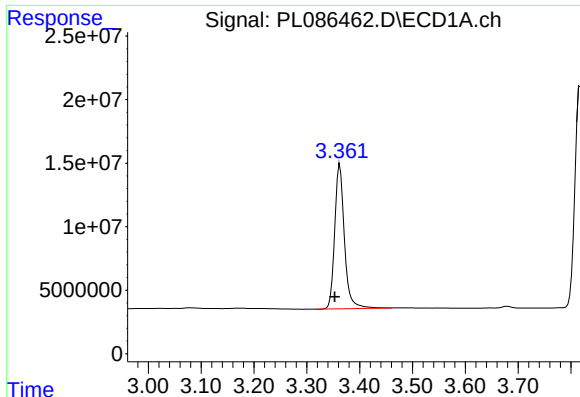
Reviewed By :Abdul Mirza 11/07/2023

Supervised By :Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 12:50:51 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
Quant Title : GC Extractables
QLast Update : Thu Nov 02 05:32:51 2023
Response via : Initial Calibration
Integrator: ChemStation

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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





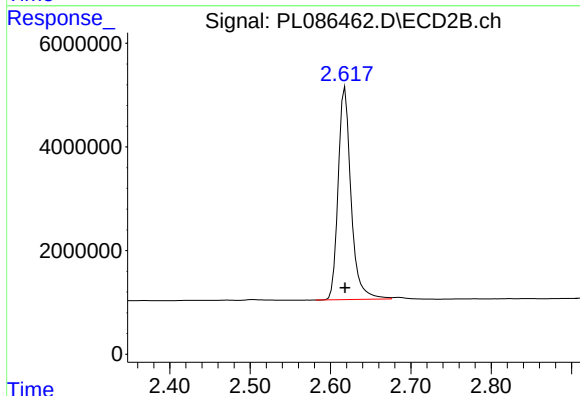
#1 Tetrachloro-m-xylene

R.T.: 3.362 min
Delta R.T.: 0.009 min
Response: 145506111
Conc: 45.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

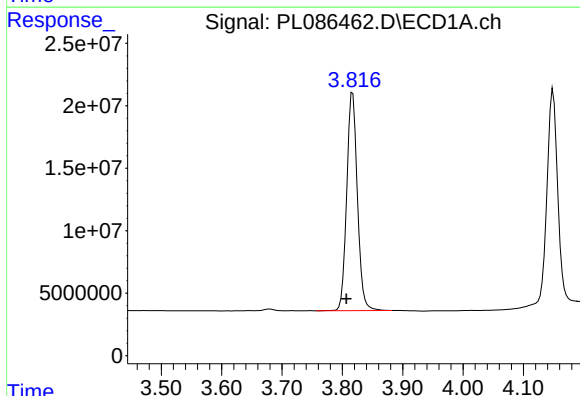
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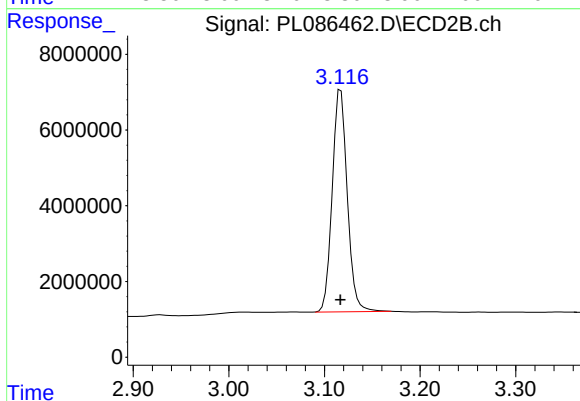
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: 0.000 min
Response: 45651631
Conc: 47.95 ng/ml



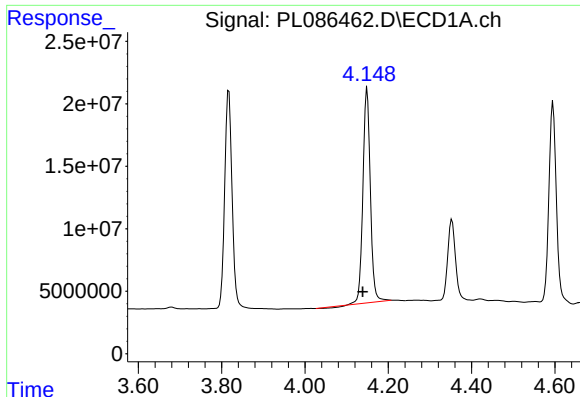
#2 alpha-BHC

R.T.: 3.817 min
Delta R.T.: 0.010 min
Response: 214657477
Conc: 45.48 ng/ml



#2 alpha-BHC

R.T.: 3.117 min
Delta R.T.: 0.000 min
Response: 63996432
Conc: 49.31 ng/ml



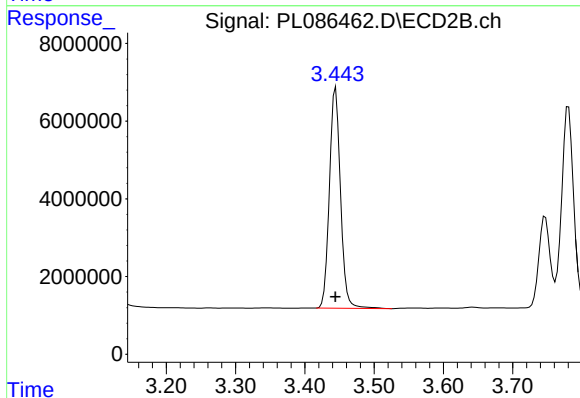
#3 gamma-BHC (Lindane)

R.T.: 4.149 min
Delta R.T.: 0.010 min
Response: 211768894
Conc: 46.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

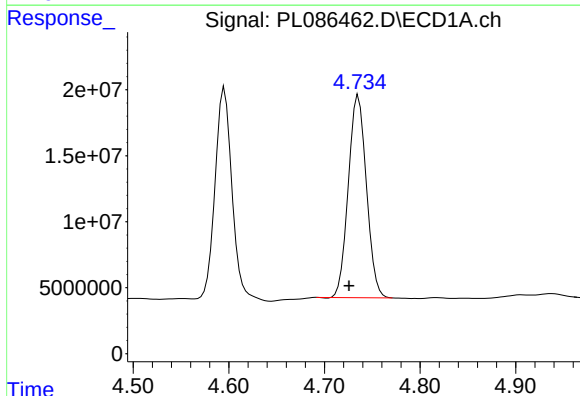
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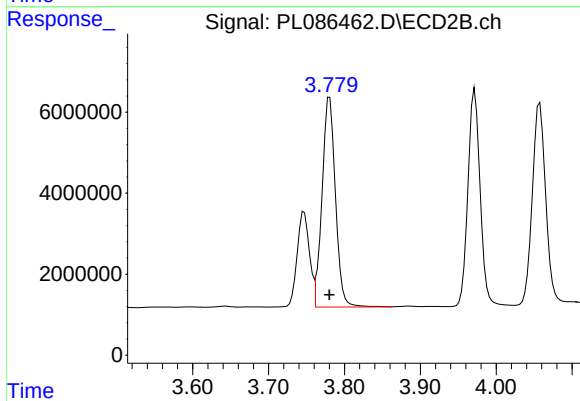
#3 gamma-BHC (Lindane)

R.T.: 3.445 min
Delta R.T.: 0.000 min
Response: 63338266
Conc: 48.22 ng/ml



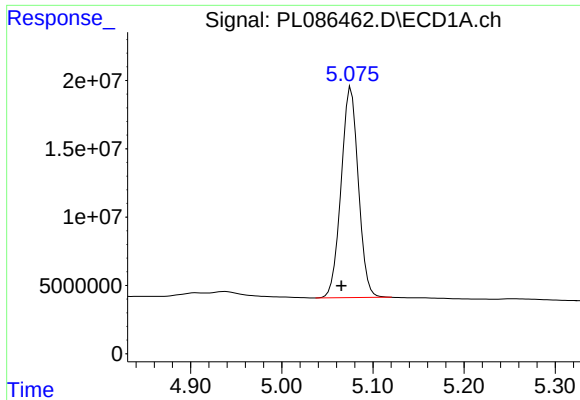
#4 Heptachlor

R.T.: 4.736 min
Delta R.T.: 0.010 min
Response: 202374092
Conc: 46.43 ng/ml



#4 Heptachlor

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 63625527
Conc: 49.05 ng/ml



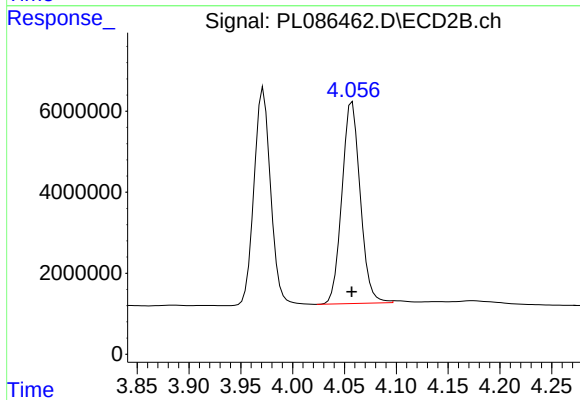
#5 Aldrin

R.T.: 5.076 min
Delta R.T.: 0.011 min
Response: 202379321
Conc: 45.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

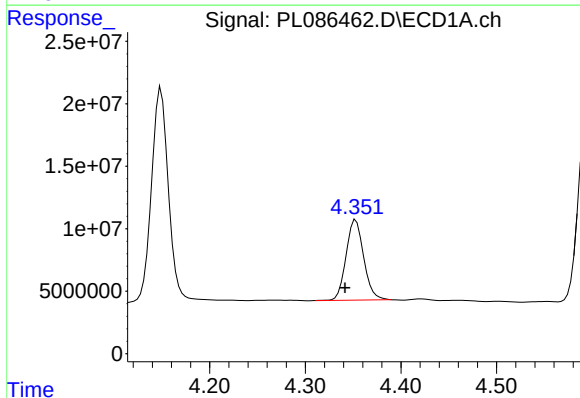
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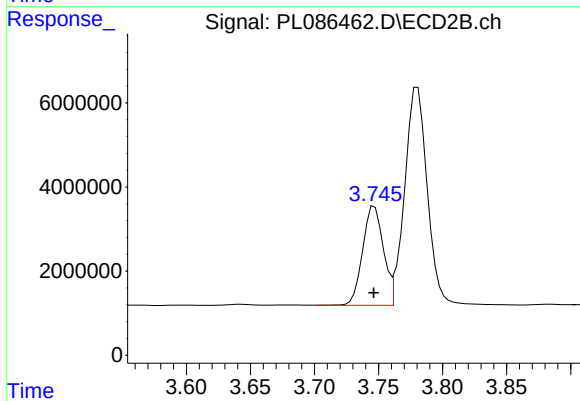
#5 Aldrin

R.T.: 4.058 min
Delta R.T.: 0.000 min
Response: 61138430
Conc: 47.98 ng/ml



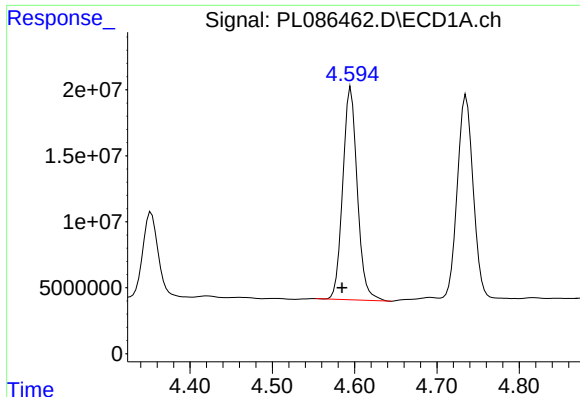
#6 beta-BHC

R.T.: 4.353 min
Delta R.T.: 0.011 min
Response: 82855213
Conc: 42.01 ng/ml



#6 beta-BHC

R.T.: 3.747 min
Delta R.T.: 0.000 min
Response: 26529950
Conc: 46.23 ng/ml



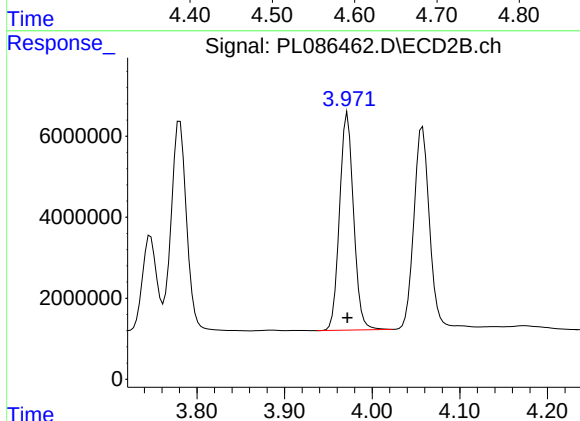
#7 delta-BHC

R.T.: 4.595 min
Delta R.T.: 0.010 min
Response: 198273703
Conc: 45.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

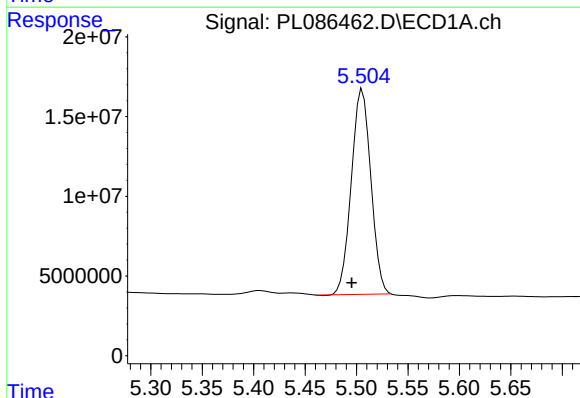
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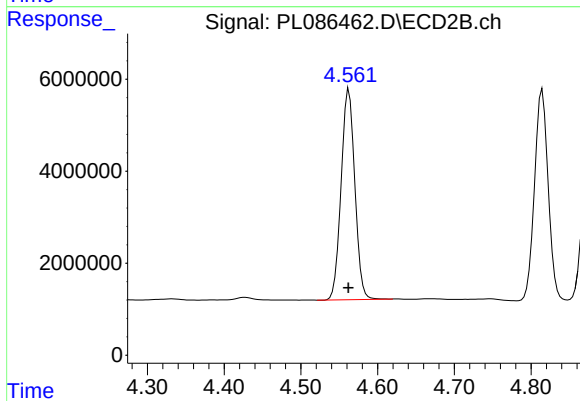
#7 delta-BHC

R.T.: 3.972 min
Delta R.T.: 0.000 min
Response: 59682553
Conc: 47.22 ng/ml



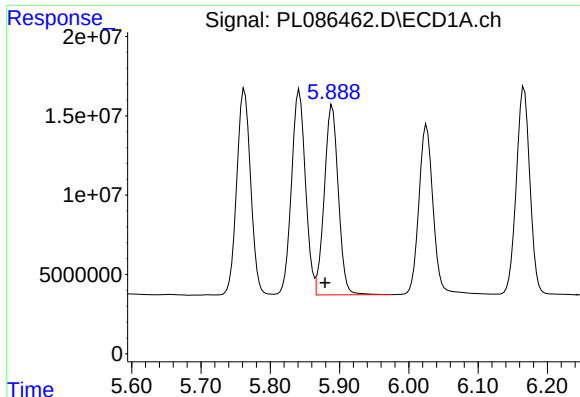
#8 Heptachlor epoxide

R.T.: 5.506 min
Delta R.T.: 0.010 min
Response: 170071042
Conc: 43.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.563 min
Delta R.T.: 0.000 min
Response: 56924940
Conc: 47.61 ng/ml



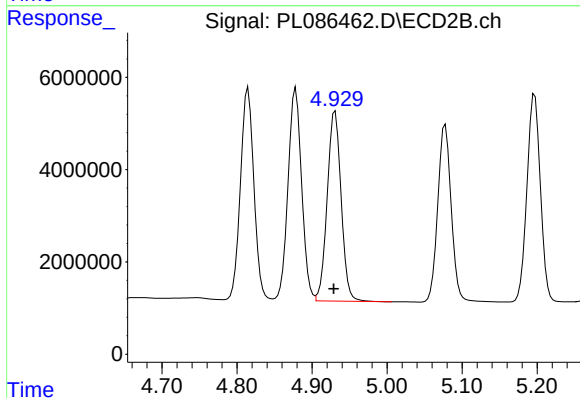
#9 Endosulfan I

R.T.: 5.889 min
Delta R.T.: 0.010 min
Response: 168560552
Conc: 45.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

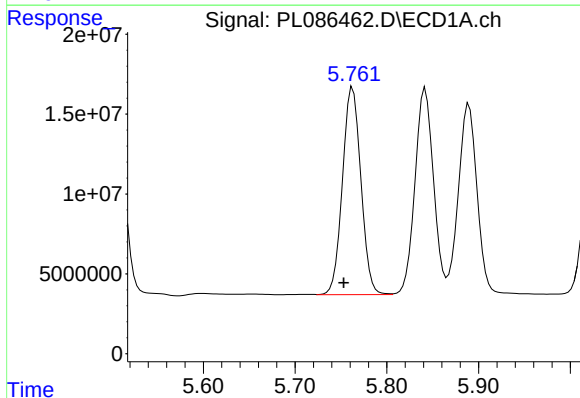
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Supervised By :Ankita Jodhani 11/07/2023



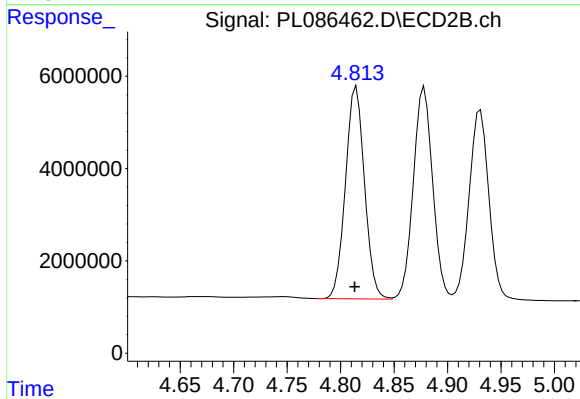
#9 Endosulfan I

R.T.: 4.931 min
Delta R.T.: 0.002 min
Response: 53149252
Conc: 44.78 ng/ml



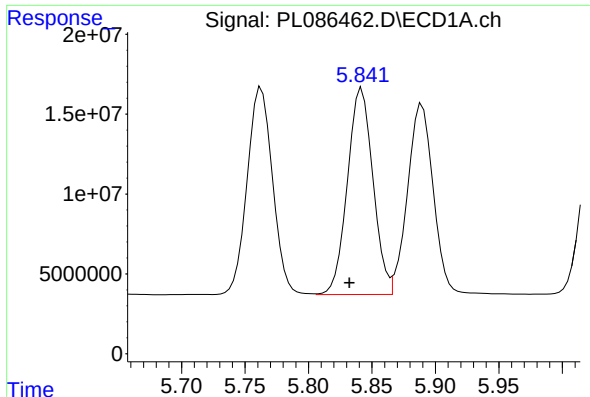
#10 gamma-Chlordane

R.T.: 5.763 min
Delta R.T.: 0.010 min
Response: 181036099
Conc: 45.63 ng/ml



#10 gamma-Chlordane

R.T.: 4.815 min
Delta R.T.: 0.001 min
Response: 57022340
Conc: 48.19 ng/ml



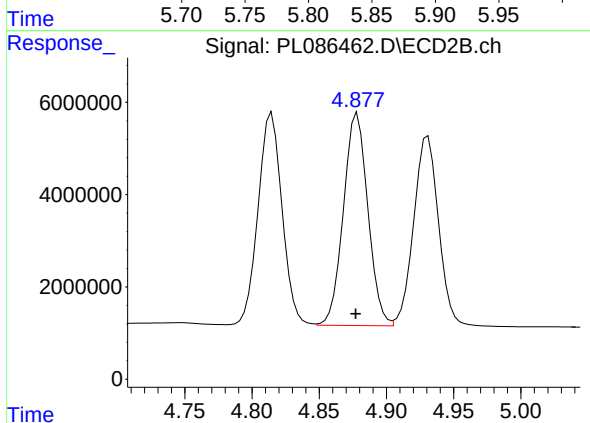
#11 alpha-Chlordane

R.T.: 5.842 min
Delta R.T.: 0.010 min
Response: 180892358
Conc: 45.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

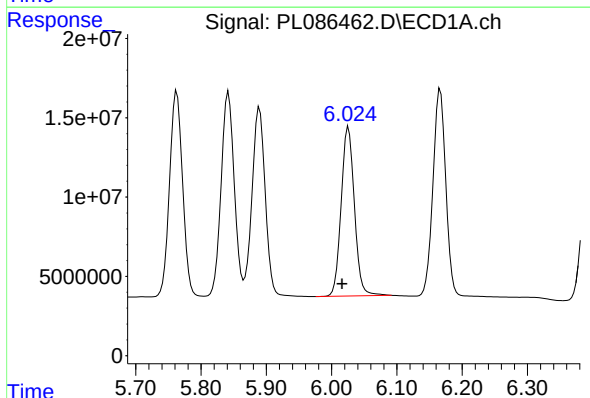
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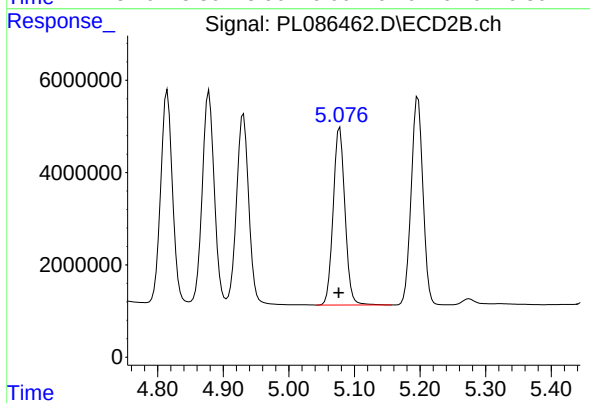
#11 alpha-Chlordane

R.T.: 4.878 min
Delta R.T.: 0.001 min
Response: 58128639
Conc: 46.53 ng/ml



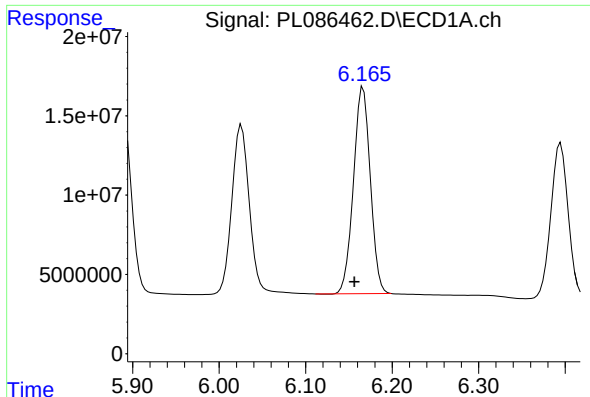
#12 4,4'-DDE

R.T.: 6.026 min
Delta R.T.: 0.010 min
Response: 150295659
Conc: 47.36 ng/ml



#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: 0.002 min
Response: 47999207
Conc: 48.64 ng/ml



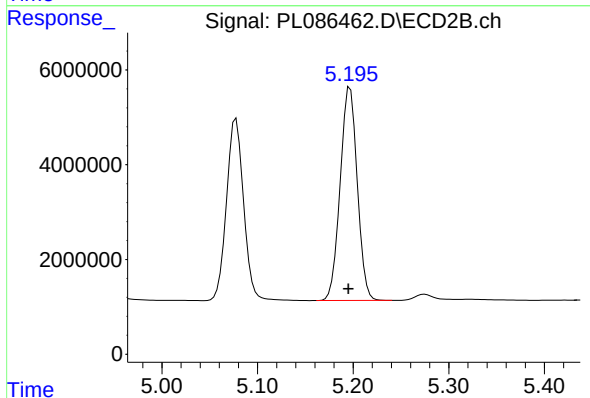
#13 Dieldrin

R.T.: 6.166 min
Delta R.T.: 0.010 min
Response: 176343192
Conc: 45.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

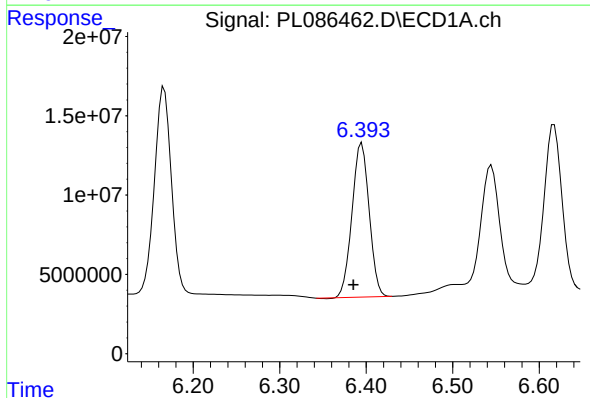
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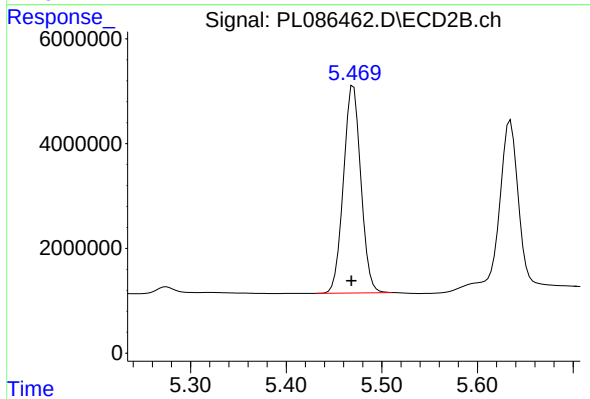
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: 0.002 min
Response: 56074748
Conc: 46.96 ng/ml



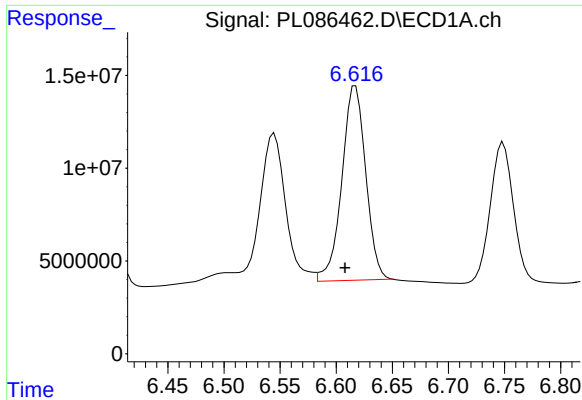
#14 Endrin

R.T.: 6.395 min
Delta R.T.: 0.010 min
Response: 133588524
Conc: 40.02 ng/ml



#14 Endrin

R.T.: 5.470 min
Delta R.T.: 0.002 min
Response: 50208528
Conc: 45.56 ng/ml



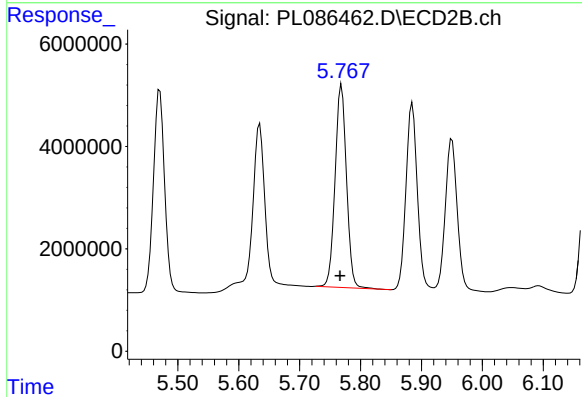
#15 Endosulfan II

R.T.: 6.617 min
Delta R.T.: 0.009 min
Response: 155284740
Conc: 48.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

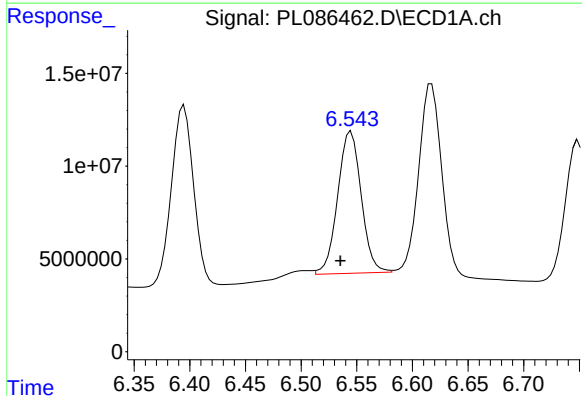
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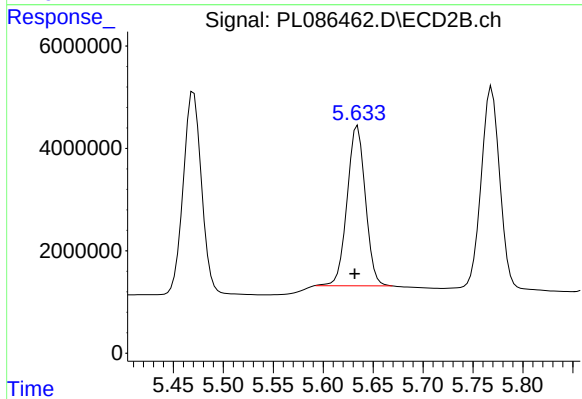
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: 0.002 min
Response: 51622920
Conc: 47.89 ng/ml



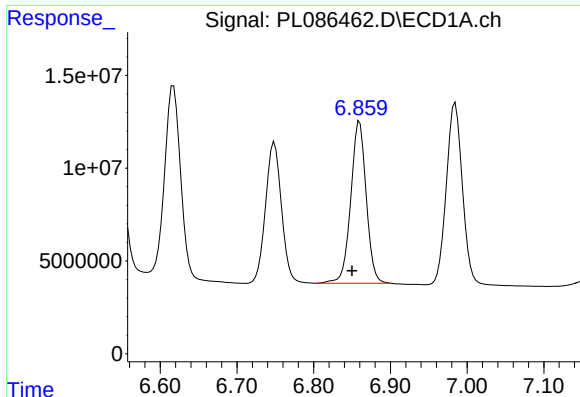
#16 4,4'-DDD

R.T.: 6.543 min
Delta R.T.: 0.008 min
Response: 112703182
Conc: 47.52 ng/ml m



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: 0.003 min
Response: 39780326
Conc: 48.84 ng/ml



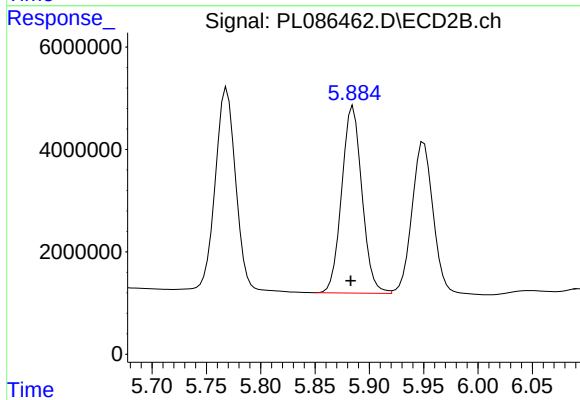
#17 4,4'-DDT

R.T.: 6.860 min
Delta R.T.: 0.010 min
Response: 122984286
Conc: 47.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

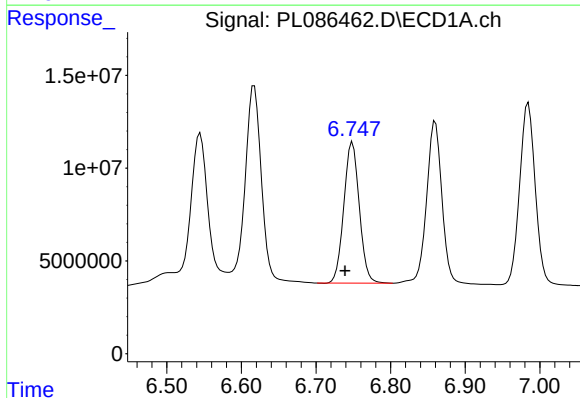
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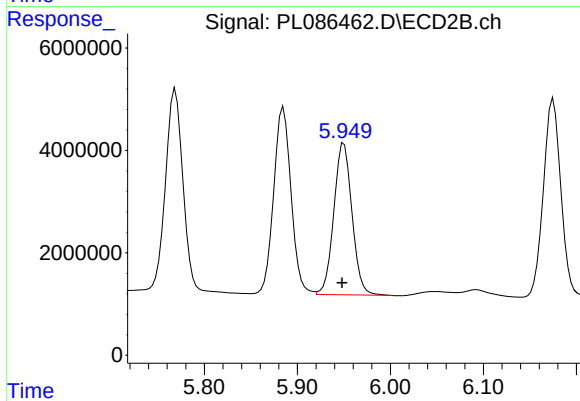
#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: 0.002 min
Response: 47491547
Conc: 50.38 ng/ml



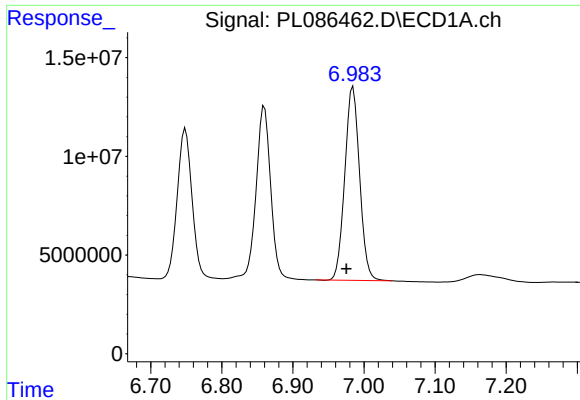
#18 Endrin aldehyde

R.T.: 6.749 min
Delta R.T.: 0.010 min
Response: 109388501
Conc: 44.94 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: 0.002 min
Response: 40229118
Conc: 47.70 ng/ml



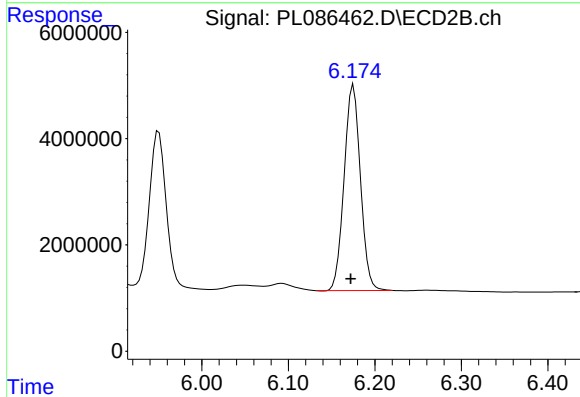
#19 Endosulfan Sulfate

R.T.: 6.985 min
Delta R.T.: 0.009 min
Response: 142057750
Conc: 46.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

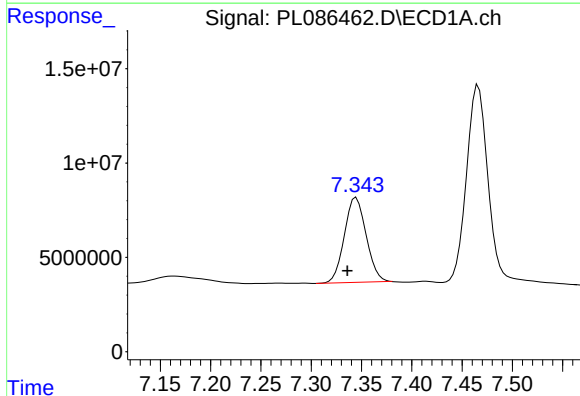
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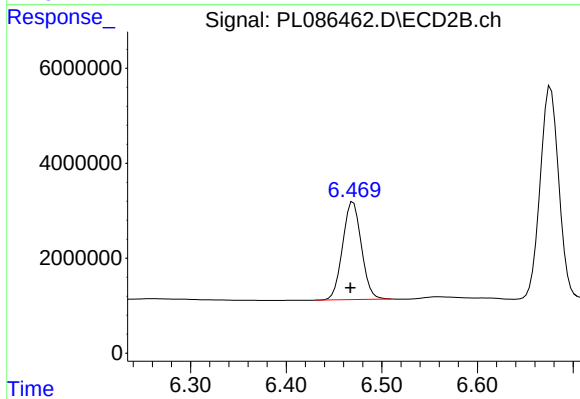
#19 Endosulfan Sulfate

R.T.: 6.175 min
Delta R.T.: 0.003 min
Response: 50423427
Conc: 47.83 ng/ml



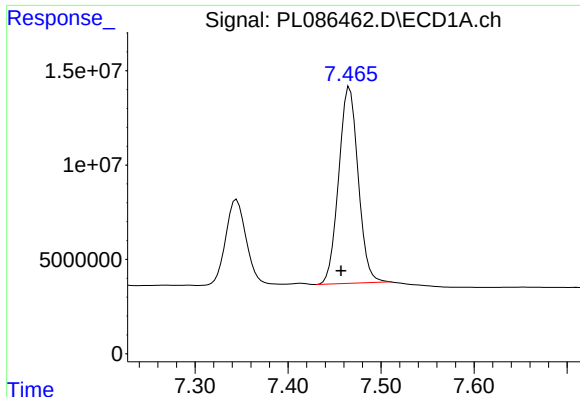
#20 Methoxychlor

R.T.: 7.345 min
Delta R.T.: 0.009 min
Response: 67671248
Conc: 48.79 ng/ml



#20 Methoxychlor

R.T.: 6.470 min
Delta R.T.: 0.003 min
Response: 28193284
Conc: 48.25 ng/ml



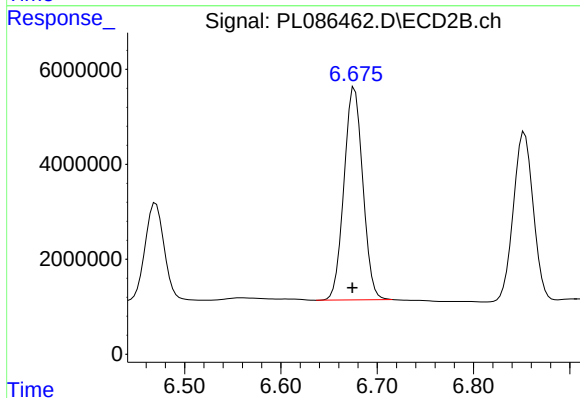
#21 Endrin ketone

R.T.: 7.466 min
Delta R.T.: 0.010 min
Response: 151530788
Conc: 47.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

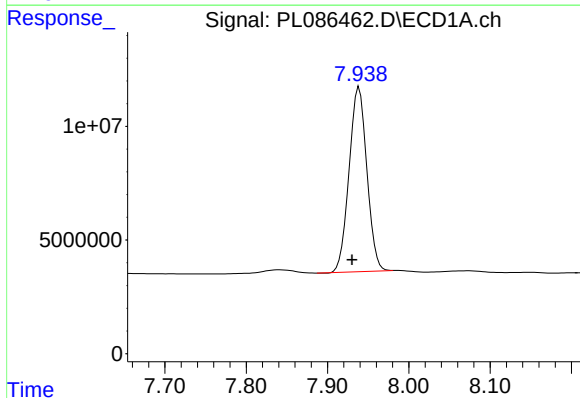
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Reviewed By :Abdul Mirza 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023



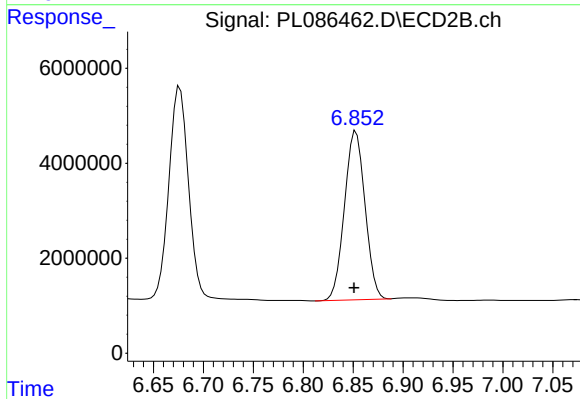
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: 0.002 min
Response: 60524991
Conc: 48.53 ng/ml



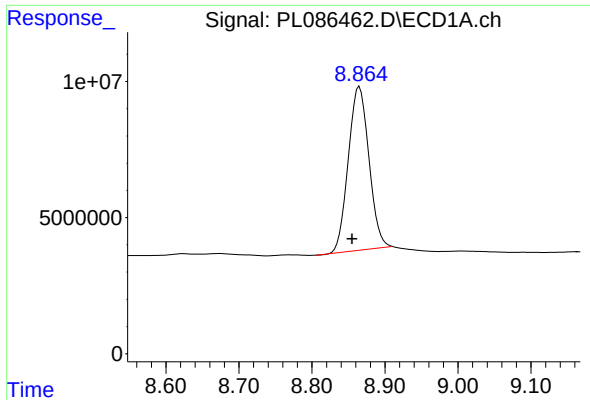
#22 Mirex

R.T.: 7.939 min
Delta R.T.: 0.009 min
Response: 123027982
Conc: 45.09 ng/ml



#22 Mirex

R.T.: 6.853 min
Delta R.T.: 0.002 min
Response: 50841975
Conc: 44.44 ng/ml



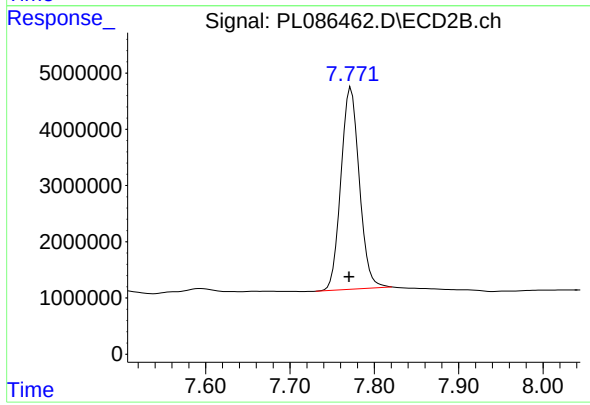
#28 Decachlorobiphenyl

R.T.: 8.865 min
Delta R.T.: 0.010 min
Response: 118347494
Conc: 44.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023



#28 Decachlorobiphenyl

R.T.: 7.772 min
Delta R.T.: 0.002 min
Response: 54488176
Conc: 47.50 ng/ml