

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl052523\
 Data File : PL083029.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 May 2023 21:21
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/26/2023
 Supervised By : Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 26 04:57:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.317	2.637	135.5E6	118.2E6	46.098	45.511
28)	SA Decachlor...	8.731	7.740	96081014	112.7E6	45.811	45.315
Target Compounds							
2)	A alpha-BHC	3.765	3.132	205.6E6	169.4E6	46.317	45.390
3)	MA gamma-BHC...	4.093	3.459	190.3E6	158.3E6	45.928	47.477
4)	MA Heptachlor	4.671	3.789	173.3E6	155.3E6	45.347	42.431
5)	MB Aldrin	5.007	4.065	169.5E6	152.6E6	48.182	46.904
6)	B beta-BHC	4.297	3.759	82291425	67655886	43.709	47.309
7)	B delta-BHC	4.538	3.984	191.3E6	156.6E6	55.630	47.797
8)	B Heptachlo...	5.433	4.566	152.5E6	136.4E6	47.685	45.965
9)	A Endosulfan I	5.814	4.933	148.4E6	117.0E6	49.458	41.862
10)	B gamma-Chl...	5.686	4.815	153.8E6	137.3E6	48.422m	45.703
11)	B alpha-Chl...	5.764	4.877	150.1E6	134.9E6	46.776m	44.932
12)	B 4,4'-DDE	5.944	5.067	129.8E6	117.8E6	47.101	48.482m
13)	MA Dieldrin	6.087	5.197	141.3E6	126.6E6	46.991	44.863
14)	MA Endrin	6.315	5.471	119.5E6	113.4E6	44.459	44.714
15)	B Endosulfa...	6.538	5.768	115.1E6	106.1E6	42.916	42.871
16)	A 4,4'-DDD	6.460	5.623	108.9E6	99265148	50.132	51.614
17)	MA 4,4'-DDT	6.771	5.870	101.5E6	93092429	40.561	41.726
18)	B Endrin al...	6.667	5.948	91575526	86403040	45.545	43.694
19)	B Endosulfa...	6.902	6.170	119.0E6	110.4E6	46.423	45.078
20)	A Methoxychlor	7.252	6.449	55417521	52881285	41.907	41.582
21)	B Endrin ke...	7.382	6.674	122.1E6	124.1E6	47.880	45.886
22)	Mirex	7.845	6.845	94380981	101.4E6	45.028	43.328

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pL052523\
Data File : PL083029.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 May 2023 21:21
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

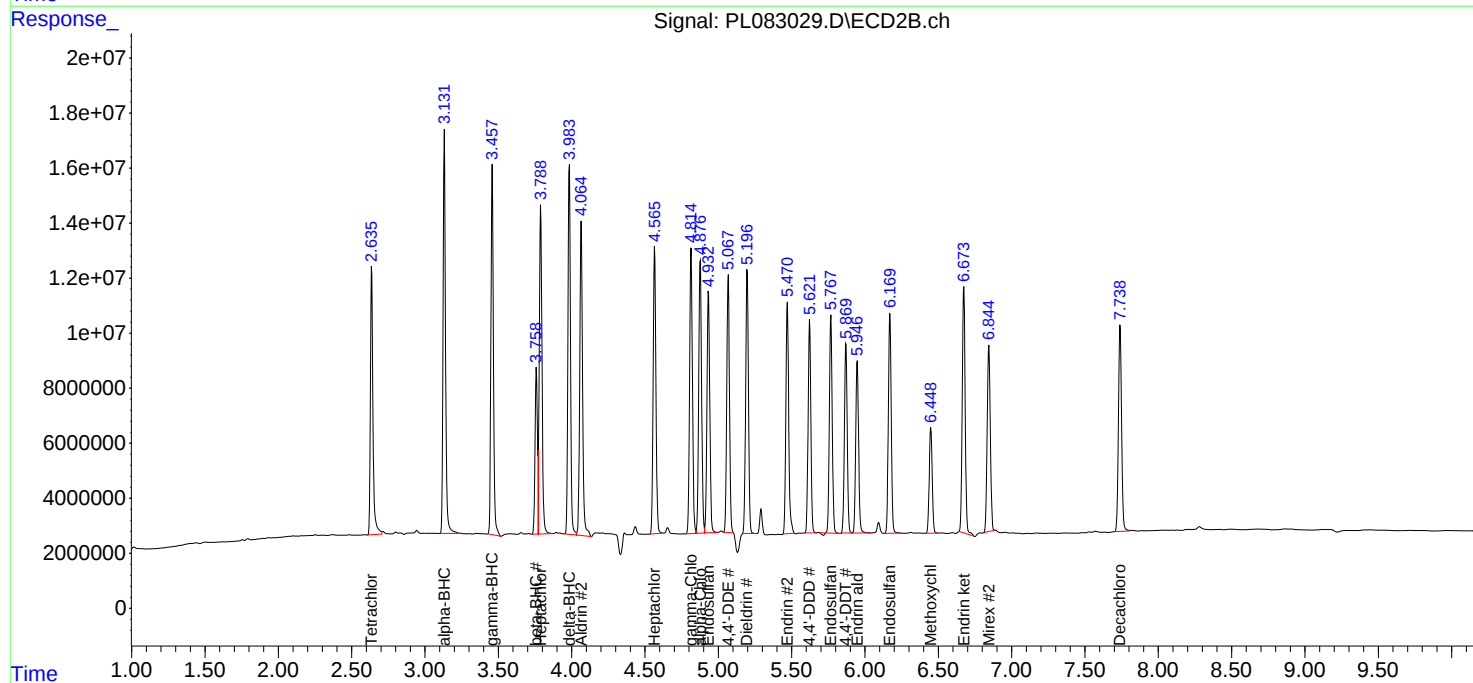
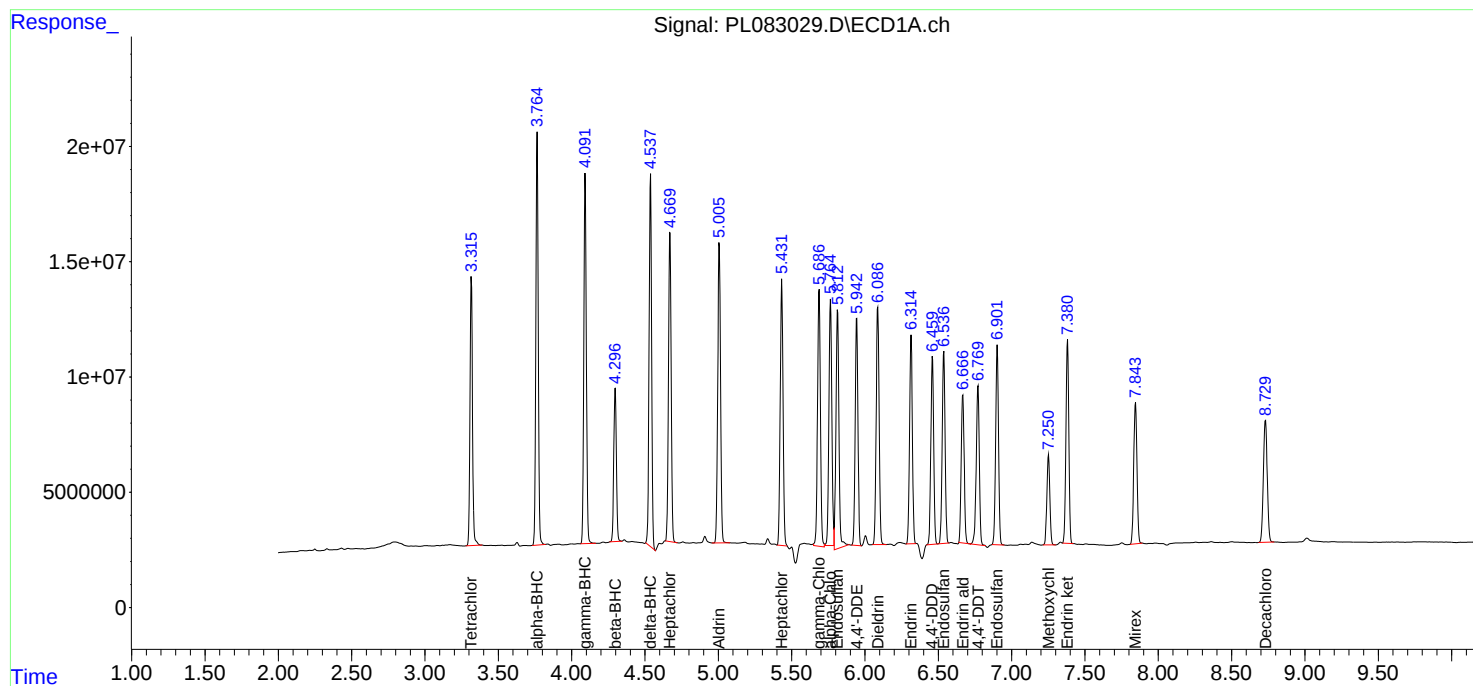
APPROVED

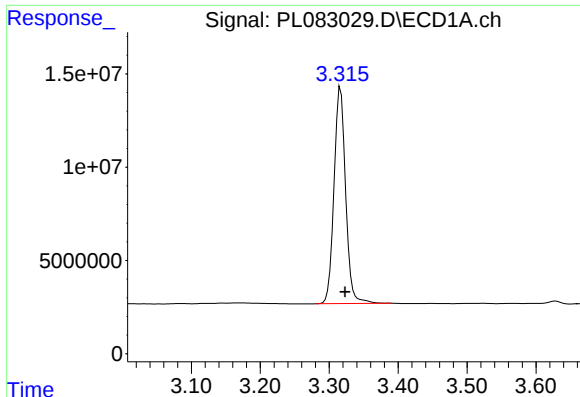
Reviewed By :Abdul Mirza 05/26/2023

Supervised By :Ankita Jodhani 05/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 26 04:57:34 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 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





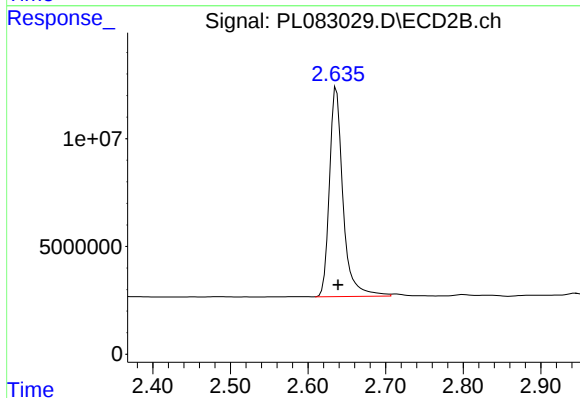
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: -0.006 min
Response: 135483771
Conc: 46.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

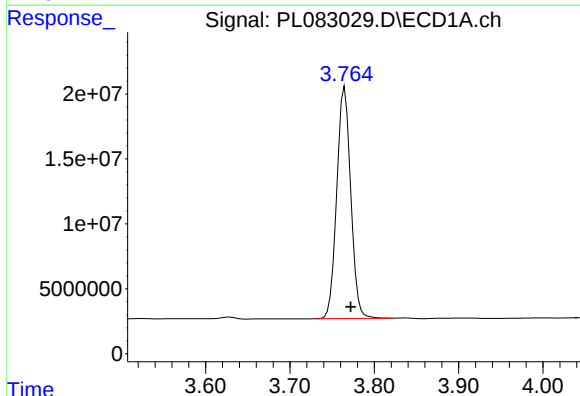
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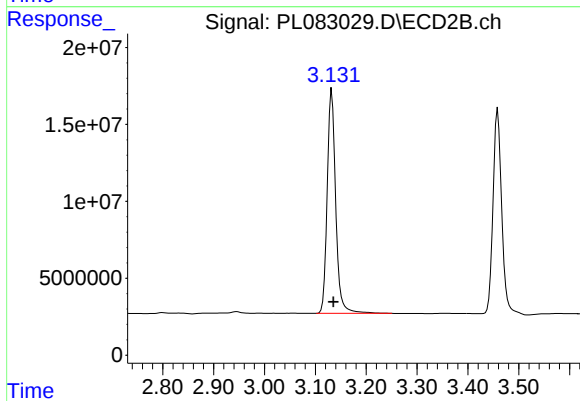
#1 Tetrachloro-m-xylene

R.T.: 2.637 min
Delta R.T.: -0.002 min
Response: 118151062
Conc: 45.51 ng/ml



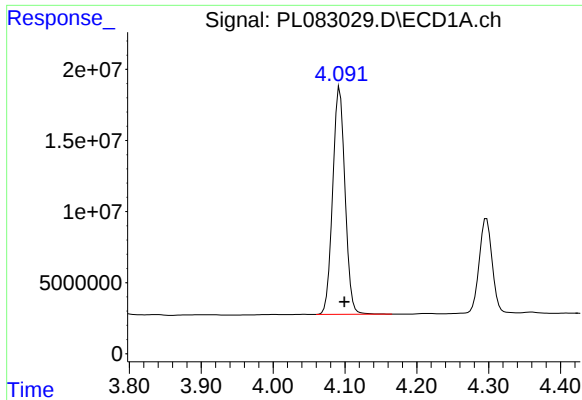
#2 alpha-BHC

R.T.: 3.765 min
Delta R.T.: -0.007 min
Response: 205611040
Conc: 46.32 ng/ml



#2 alpha-BHC

R.T.: 3.132 min
Delta R.T.: -0.003 min
Response: 169368603
Conc: 45.39 ng/ml



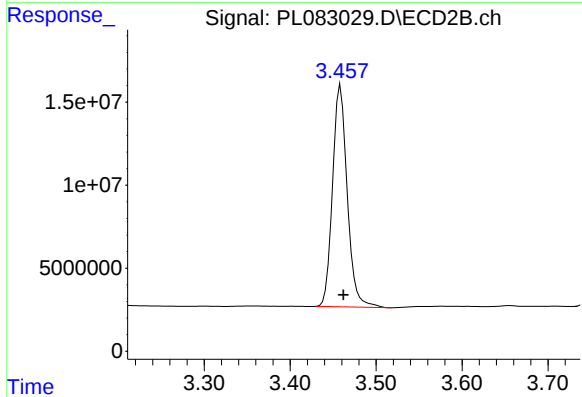
#3 gamma-BHC (Lindane)

R.T.: 4.093 min
Delta R.T.: -0.006 min
Response: 190275900
Conc: 45.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

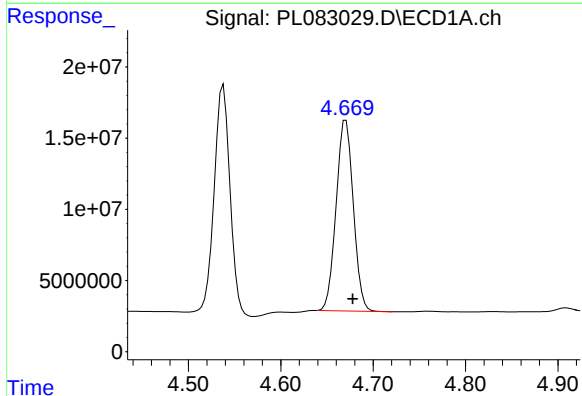
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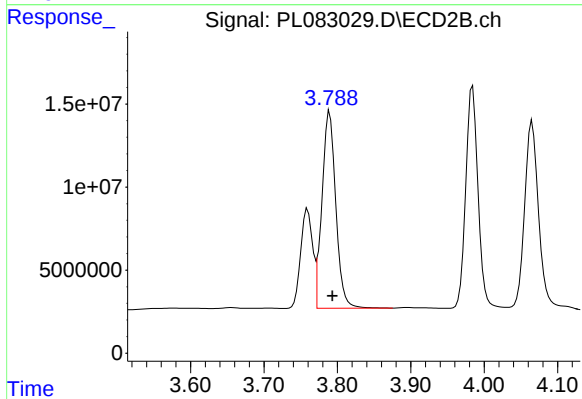
#3 gamma-BHC (Lindane)

R.T.: 3.459 min
Delta R.T.: -0.003 min
Response: 158256521
Conc: 47.48 ng/ml



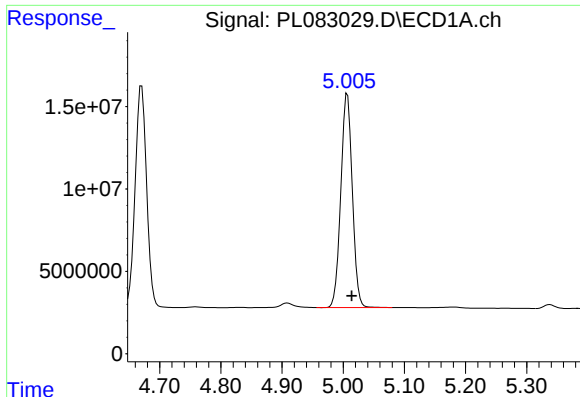
#4 Heptachlor

R.T.: 4.671 min
Delta R.T.: -0.007 min
Response: 173337431
Conc: 45.35 ng/ml



#4 Heptachlor

R.T.: 3.789 min
Delta R.T.: -0.004 min
Response: 155343996
Conc: 42.43 ng/ml



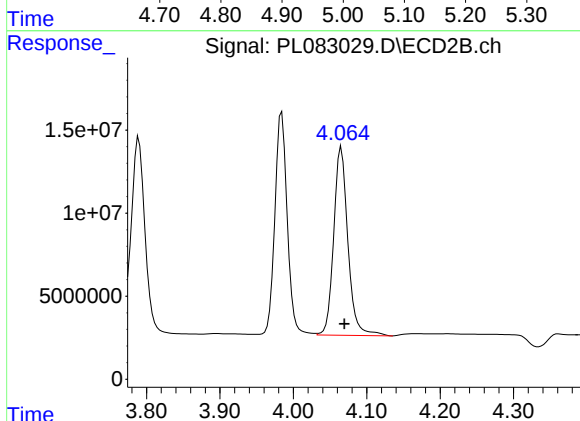
#5 Aldrin

R.T.: 5.007 min
Delta R.T.: -0.007 min
Response: 169510498
Conc: 48.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

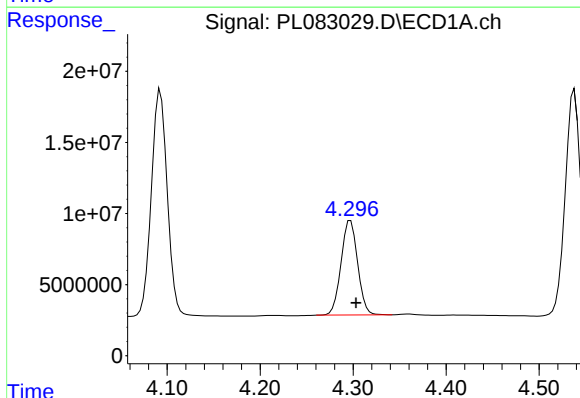
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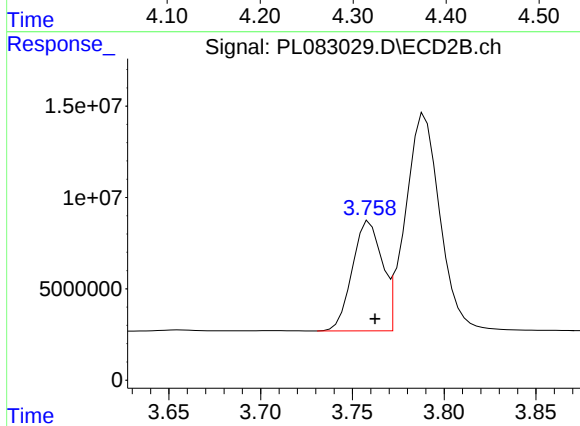
#5 Aldrin

R.T.: 4.065 min
Delta R.T.: -0.004 min
Response: 152607487
Conc: 46.90 ng/ml



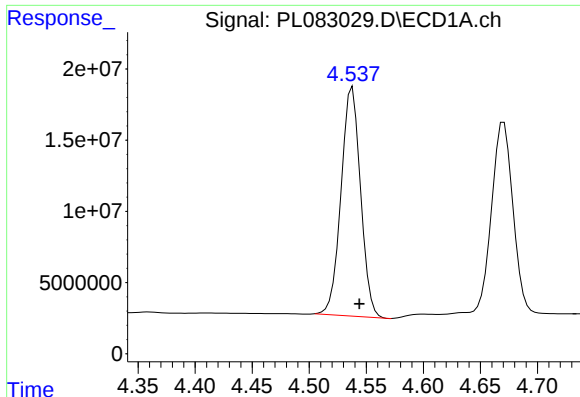
#6 beta-BHC

R.T.: 4.297 min
Delta R.T.: -0.006 min
Response: 82291425
Conc: 43.71 ng/ml



#6 beta-BHC

R.T.: 3.759 min
Delta R.T.: -0.003 min
Response: 67655886
Conc: 47.31 ng/ml



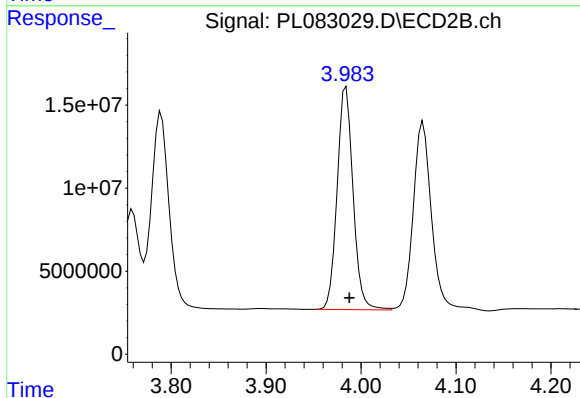
#7 delta-BHC

R.T.: 4.538 min
Delta R.T.: -0.006 min
Response: 191306423
Conc: 55.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

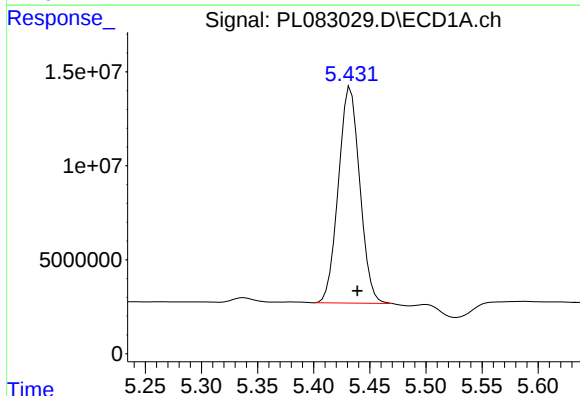
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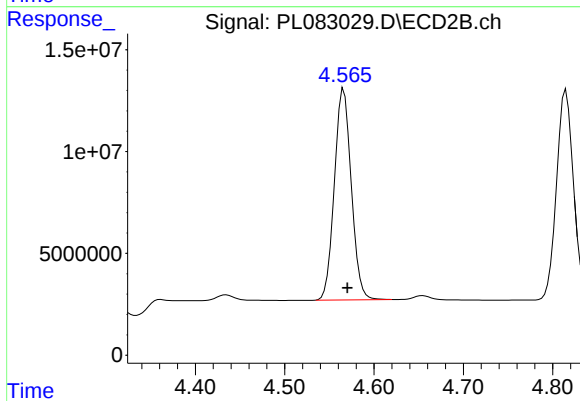
#7 delta-BHC

R.T.: 3.984 min
Delta R.T.: -0.004 min
Response: 156604238
Conc: 47.80 ng/ml



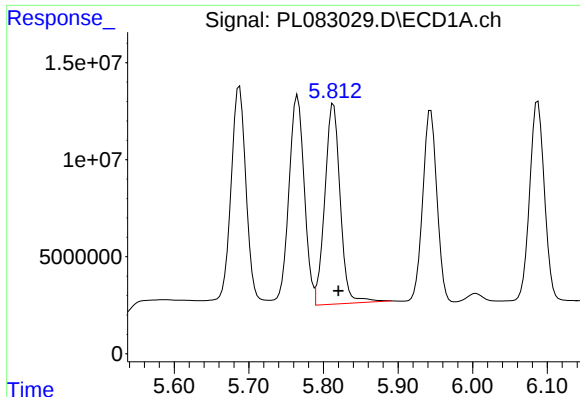
#8 Heptachlor epoxide

R.T.: 5.433 min
Delta R.T.: -0.006 min
Response: 152531723
Conc: 47.69 ng/ml



#8 Heptachlor epoxide

R.T.: 4.566 min
Delta R.T.: -0.004 min
Response: 136417965
Conc: 45.96 ng/ml



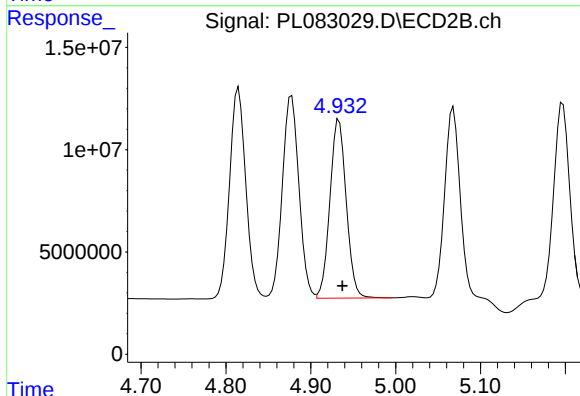
#9 Endosulfan I

R.T.: 5.814 min
Delta R.T.: -0.006 min
Response: 148402073
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

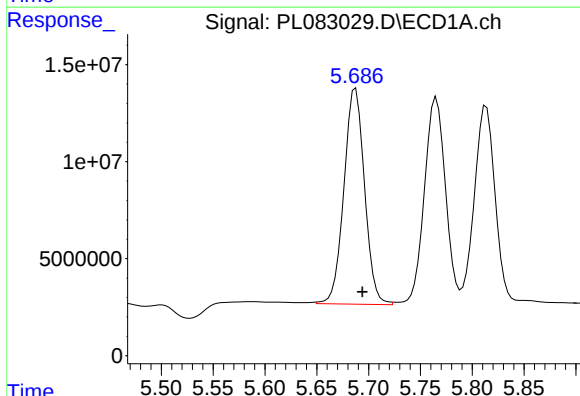
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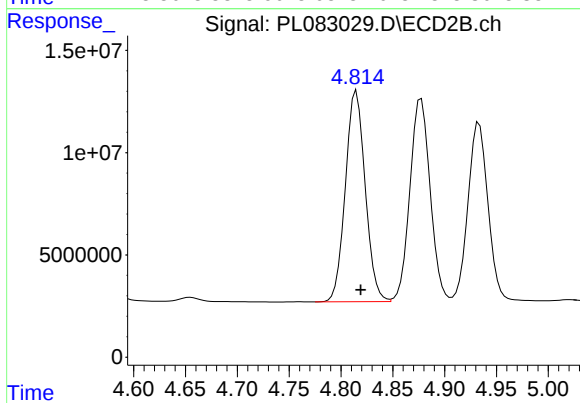
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.004 min
Response: 116978637
Conc: 41.86 ng/ml



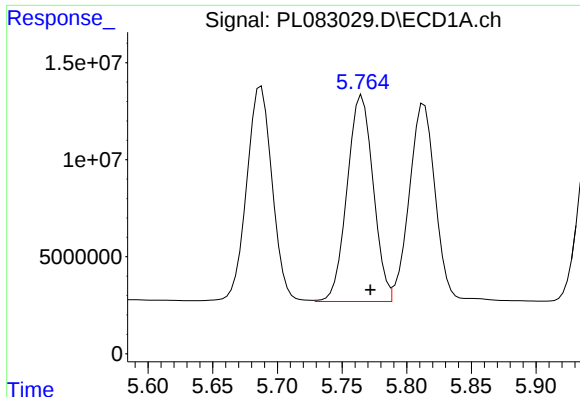
#10 gamma-Chlordane

R.T.: 5.686 min
Delta R.T.: -0.008 min
Response: 153835076
Conc: 48.42 ng/ml m



#10 gamma-Chlordane

R.T.: 4.815 min
Delta R.T.: -0.004 min
Response: 137263539
Conc: 45.70 ng/ml



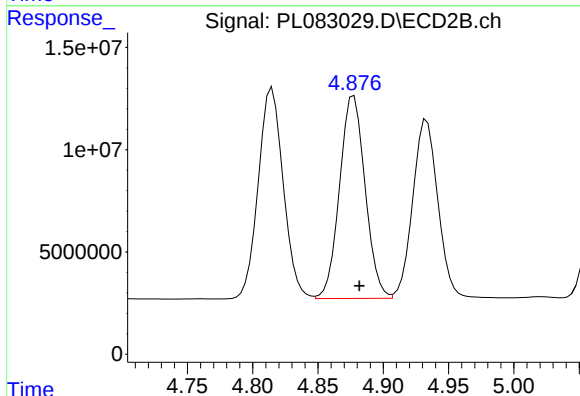
#11 alpha-Chlordane

R.T.: 5.764 min
Delta R.T.: -0.008 min
Response: 150118107
Conc: 46.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

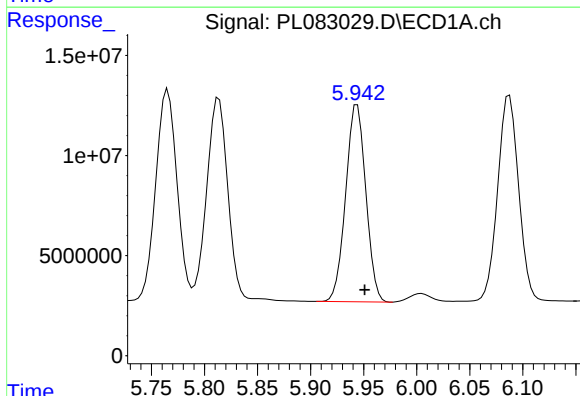
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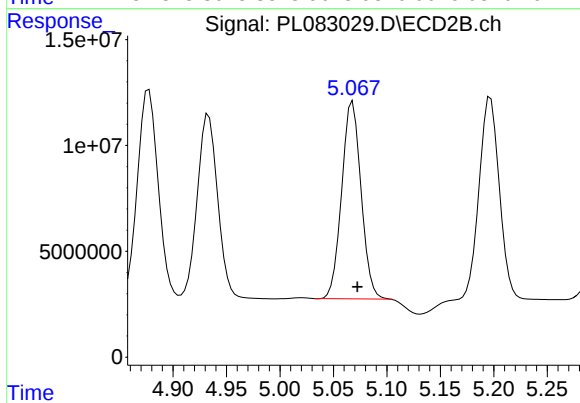
#11 alpha-Chlordane

R.T.: 4.877 min
Delta R.T.: -0.004 min
Response: 134886257
Conc: 44.93 ng/ml



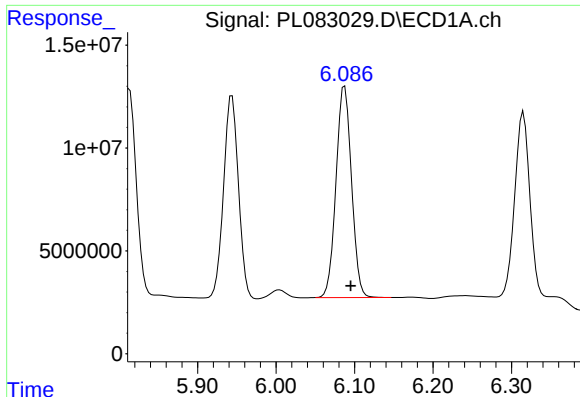
#12 4,4'-DDE

R.T.: 5.944 min
Delta R.T.: -0.007 min
Response: 129833931
Conc: 47.10 ng/ml



#12 4,4'-DDE

R.T.: 5.067 min
Delta R.T.: -0.006 min
Response: 117751413
Conc: 48.48 ng/ml m



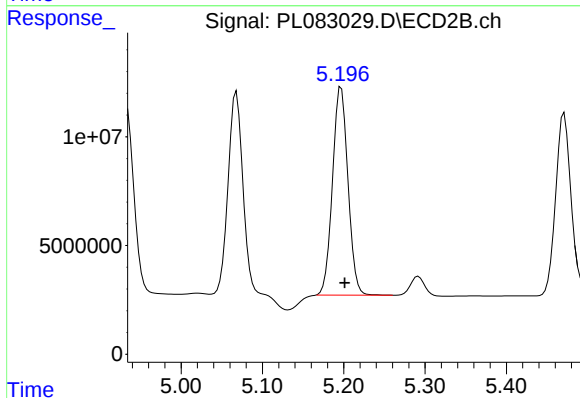
#13 Dieldrin

R.T.: 6.087 min
Delta R.T.: -0.008 min
Response: 141340466
Conc: 46.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

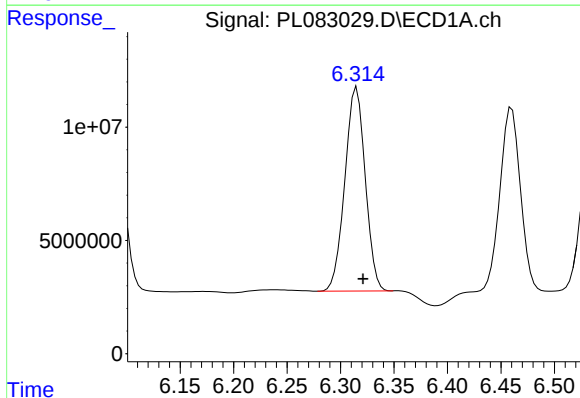
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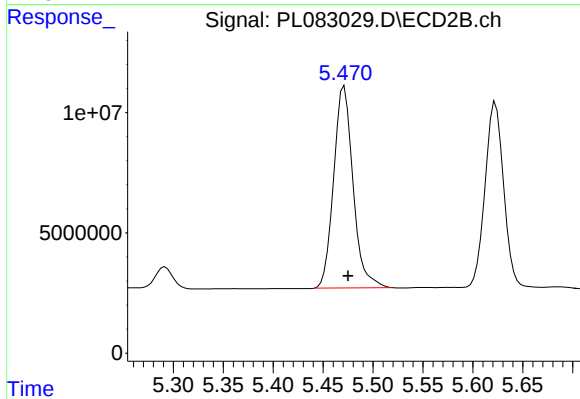
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.004 min
Response: 126644268
Conc: 44.86 ng/ml



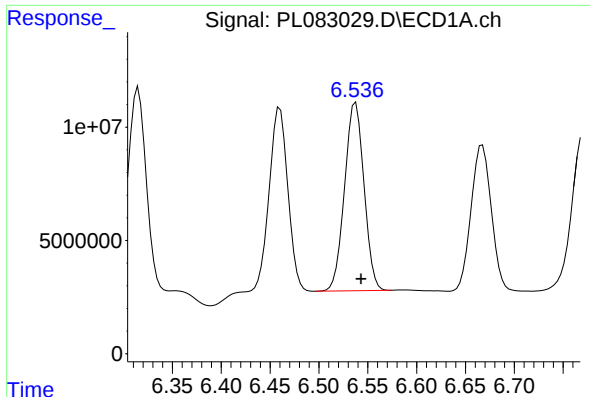
#14 Endrin

R.T.: 6.315 min
Delta R.T.: -0.006 min
Response: 119472235
Conc: 44.46 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.004 min
Response: 113437546
Conc: 44.71 ng/ml



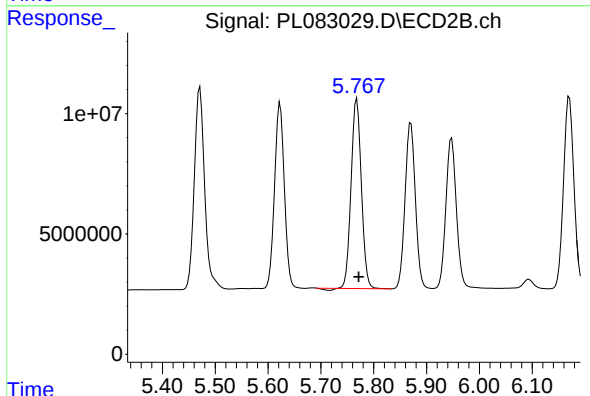
#15 Endosulfan II

R.T.: 6.538 min
Delta R.T.: -0.005 min
Response: 115083651
Conc: 42.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

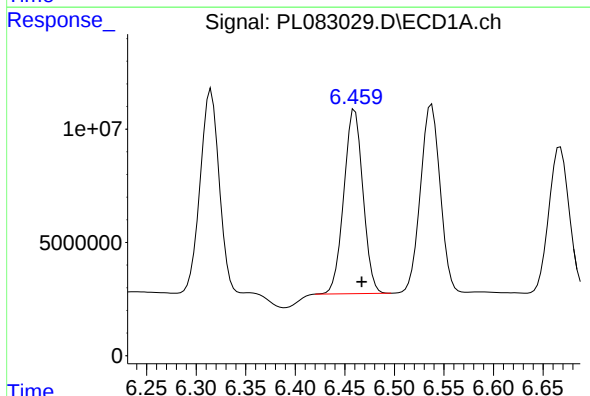
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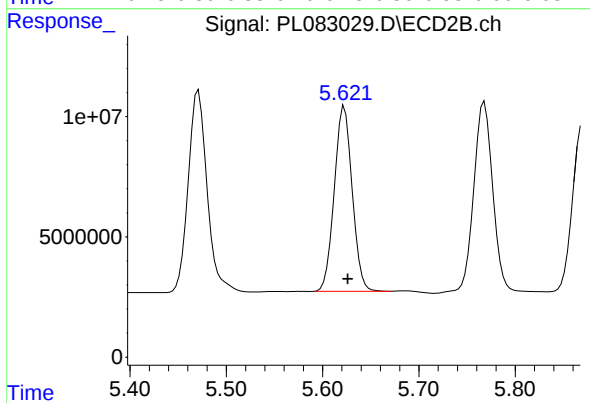
#15 Endosulfan II

R.T.: 5.768 min
Delta R.T.: -0.004 min
Response: 106072049
Conc: 42.87 ng/ml



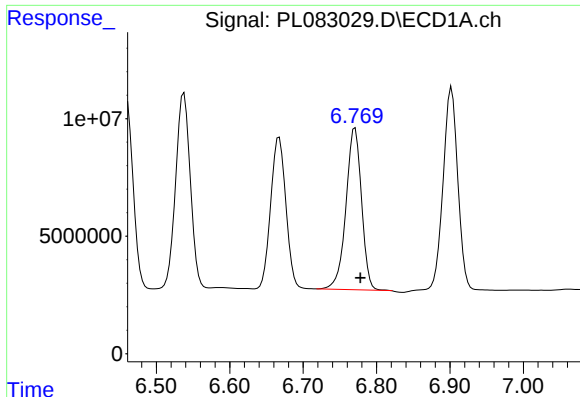
#16 4,4'-DDD

R.T.: 6.460 min
Delta R.T.: -0.007 min
Response: 108939346
Conc: 50.13 ng/ml



#16 4,4'-DDD

R.T.: 5.623 min
Delta R.T.: -0.003 min
Response: 99265148
Conc: 51.61 ng/ml



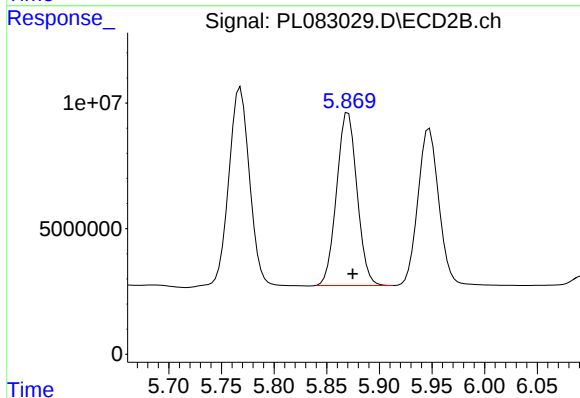
#17 4,4'-DDT

R.T.: 6.771 min
Delta R.T.: -0.007 min
Response: 101531310
Conc: 40.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

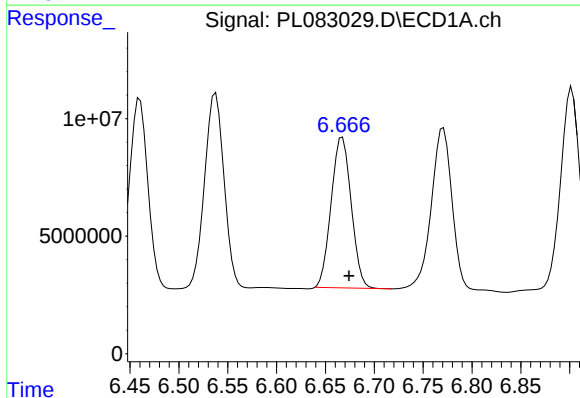
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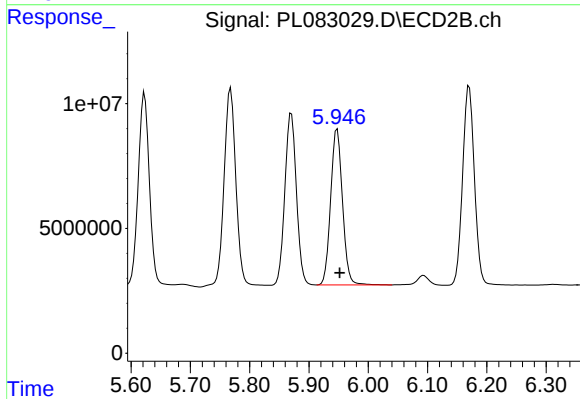
#17 4,4'-DDT

R.T.: 5.870 min
Delta R.T.: -0.004 min
Response: 93092429
Conc: 41.73 ng/ml



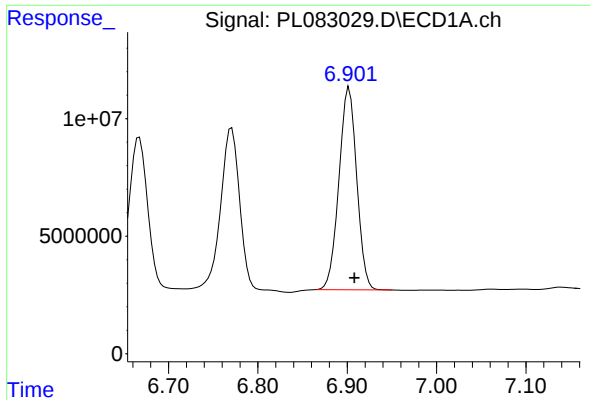
#18 Endrin aldehyde

R.T.: 6.667 min
Delta R.T.: -0.007 min
Response: 91575526
Conc: 45.55 ng/ml



#18 Endrin aldehyde

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 86403040
Conc: 43.69 ng/ml



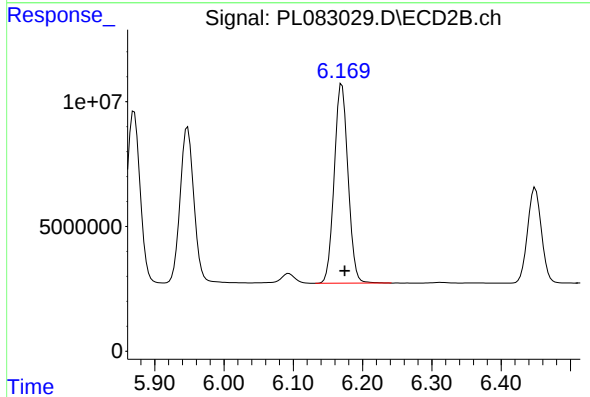
#19 Endosulfan Sulfate

R.T.: 6.902 min
Delta R.T.: -0.006 min
Response: 119015242
Conc: 46.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

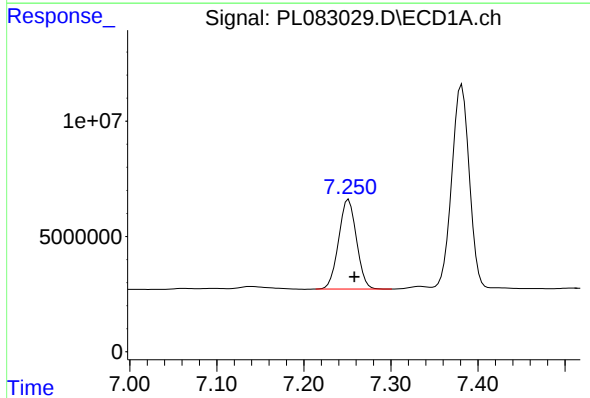
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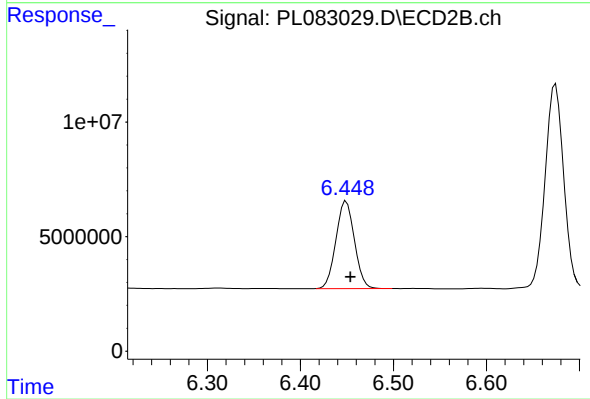
#19 Endosulfan Sulfate

R.T.: 6.170 min
Delta R.T.: -0.004 min
Response: 110395263
Conc: 45.08 ng/ml



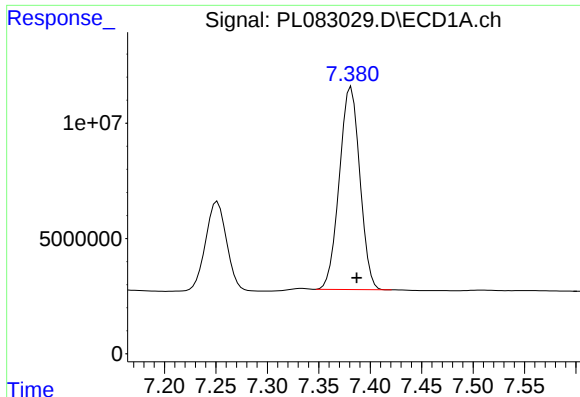
#20 Methoxychlor

R.T.: 7.252 min
Delta R.T.: -0.006 min
Response: 55417521
Conc: 41.91 ng/ml



#20 Methoxychlor

R.T.: 6.449 min
Delta R.T.: -0.004 min
Response: 52881285
Conc: 41.58 ng/ml



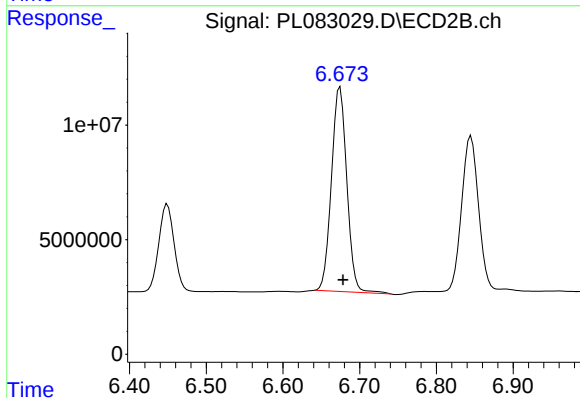
#21 Endrin ketone

R.T.: 7.382 min
Delta R.T.: -0.005 min
Response: 122133225
Conc: 47.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

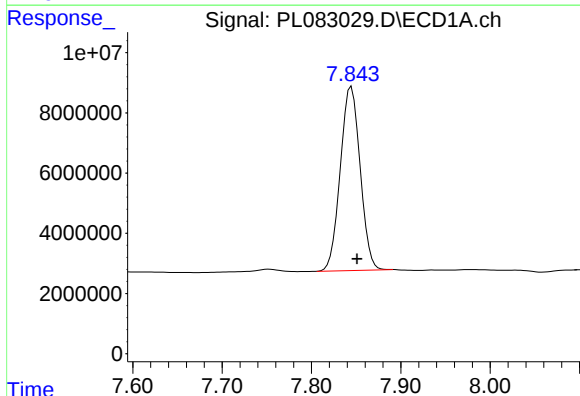
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/26/2023
Supervised By :Ankita Jodhani 05/26/2023



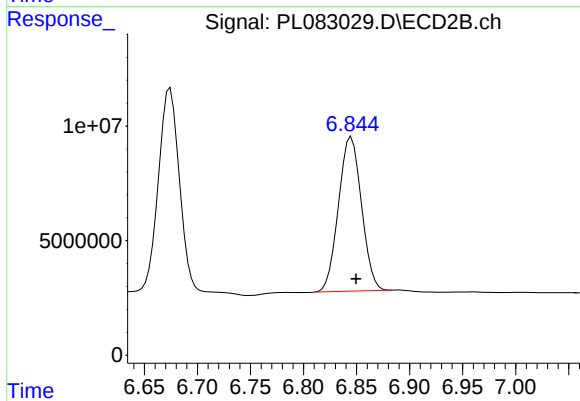
#21 Endrin ketone

R.T.: 6.674 min
Delta R.T.: -0.004 min
Response: 124069129
Conc: 45.89 ng/ml



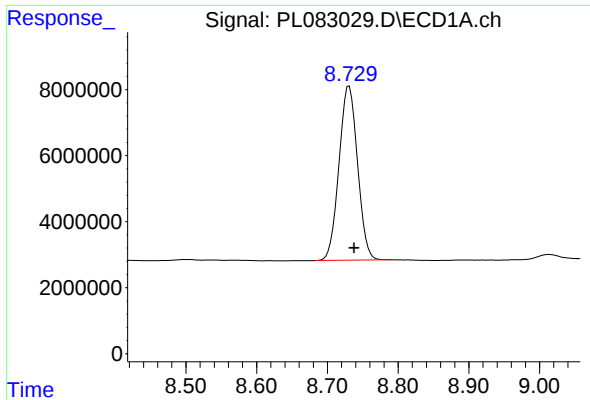
#22 Mirex

R.T.: 7.845 min
Delta R.T.: -0.006 min
Response: 94380981
Conc: 45.03 ng/ml



#22 Mirex

R.T.: 6.845 min
Delta R.T.: -0.004 min
Response: 101380892
Conc: 43.33 ng/ml



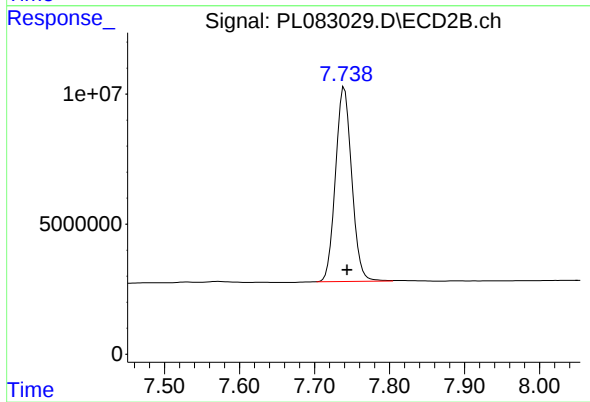
#28 Decachlorobiphenyl

R.T.: 8.731 min
Delta R.T.: -0.007 min
Response: 96081014
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/26/2023
Supervised By :Ankita Jodhani 05/26/2023



#28 Decachlorobiphenyl

R.T.: 7.740 min
Delta R.T.: -0.004 min
Response: 112678866
Conc: 45.32 ng/ml