

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120223\
 Data File : PL086933.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2023 16:51
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :Ankita Jodhani 12/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 21:36:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 06:35:04 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...	3.341	2.609	163.4E6	45850101	51.107	50.413
28)	SA Decachlor...	8.841	7.759	136.0E6	53039063	50.947	48.105
Target Compounds							
2)	A alpha-BHC	3.796	3.107	240.6E6	65660261	51.970	51.704
3)	MA gamma-BHC...	4.127	3.434	227.9E6	63390827	52.104	51.881
4)	MA Heptachlor	4.714	3.769	221.9E6	63737730	55.913	54.587
5)	MB Aldrin	5.053	4.045	217.5E6	61575388	51.540	50.449
6)	B beta-BHC	4.331	3.736	96185322	27597161	51.418	52.160
7)	B delta-BHC	4.574	3.961	219.5E6	61625477	51.708	52.771
8)	B Heptachlo...	5.485	4.550	194.5E6	57187811	54.918	50.236
9)	A Endosulfan I	5.867	4.918	181.1E6	54887512	50.268m	42.538
10)	B gamma-Chl...	5.741	4.802	196.0E6	57719983	52.131m	50.354
11)	B alpha-Chl...	5.820	4.866	195.7E6	59083124	51.998m	44.430
12)	B 4,4'-DDE	6.006	5.064	164.6E6	48507174	54.444	52.836m
13)	MA Dieldrin	6.145	5.184	184.0E6	53565068	52.992	50.017
14)	MA Endrin	6.374	5.458	152.1E6	48633969	59.021	57.705
15)	B Endosulfa...	6.597	5.756	153.5E6	48409909	53.796	52.135
16)	A 4,4'-DDD	6.525	5.622	130.6E6	40410302	55.781	52.323
17)	MA 4,4'-DDT	6.840	5.873	135.9E6	43999322	52.951	54.558
18)	B Endrin al...	6.727	5.938	110.3E6	36866153	51.692m	52.770
19)	B Endosulfa...	6.965	6.163	150.3E6	49338708	52.646	52.000
20)	A Methoxychlor	7.327	6.457	71295503	26888724	53.992	52.239
21)	B Endrin ke...	7.447	6.664	154.1E6	57283393	51.533	50.183
22)	Mirex	7.919	6.840	129.9E6	50545875	50.783	48.702

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

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Acq On : 01 Dec 2023 16:51
Operator : AR\AJ
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ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

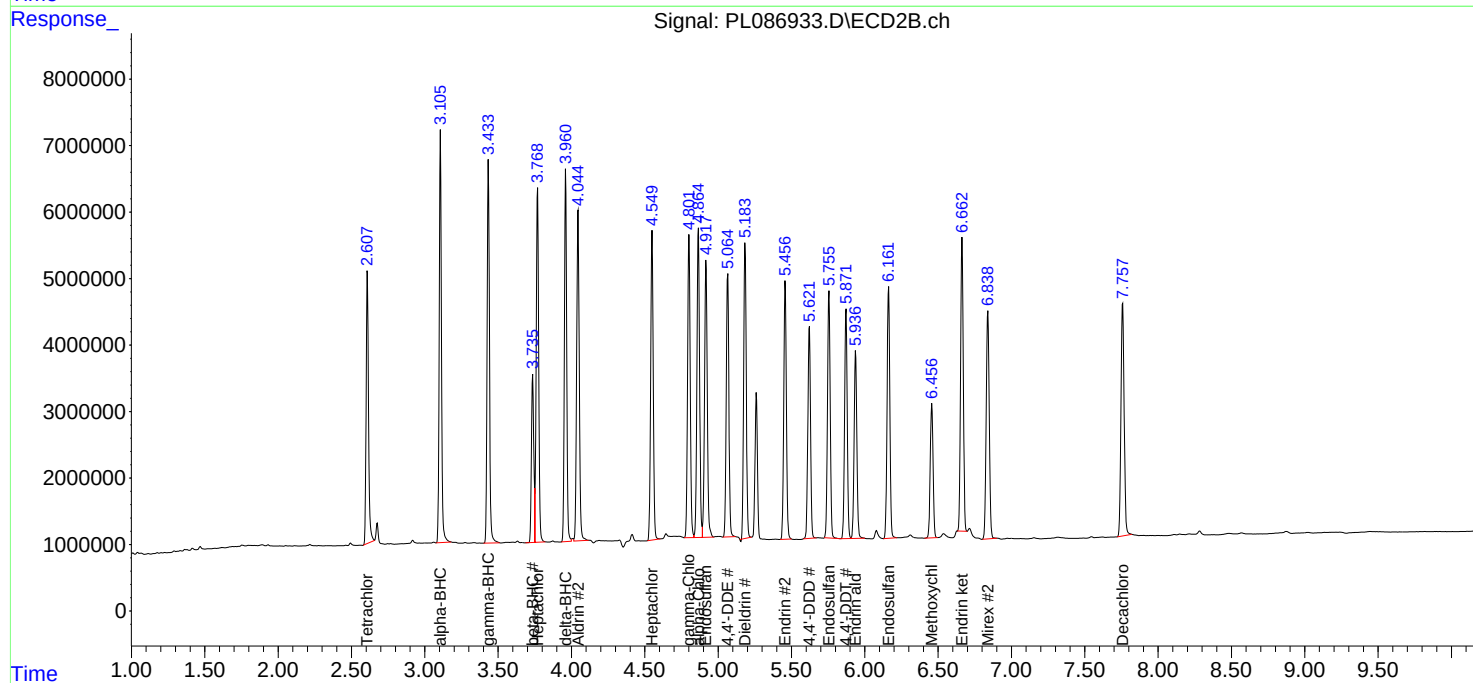
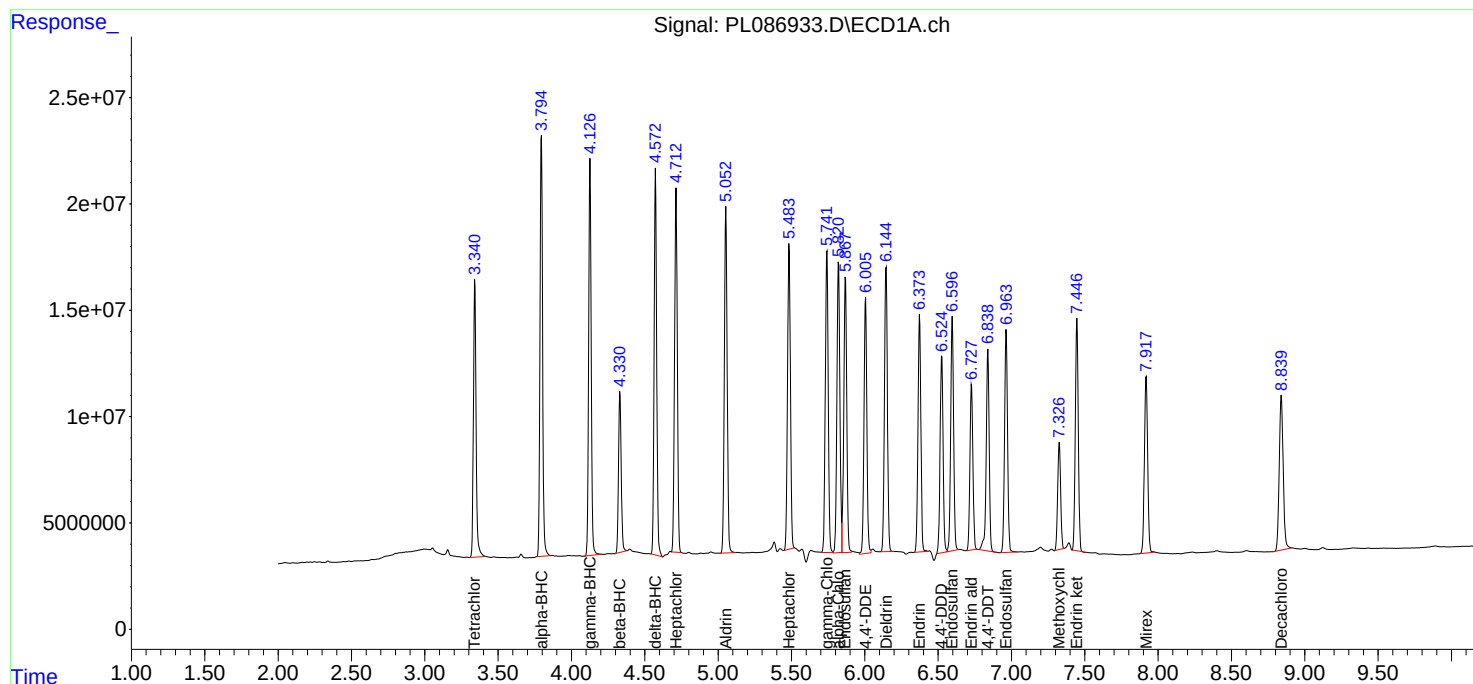
Manual Integrations

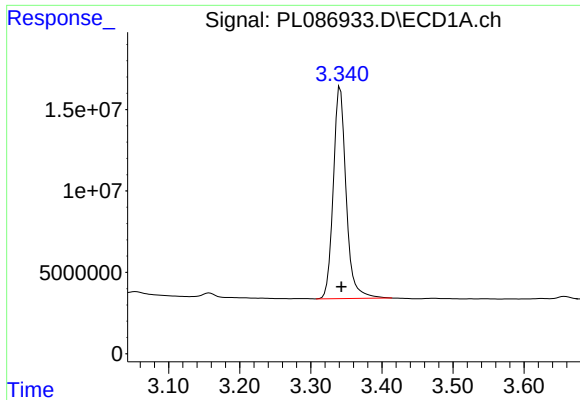
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Supervised By :Ankita Jodhani 12/04/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 01 21:36:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
Quant Title : GC Extractables
QLast Update : Wed Nov 29 06:35:04 2023
Response via : Initial Calibration
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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





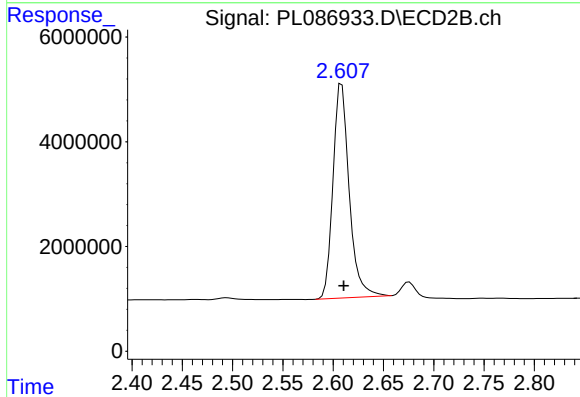
#1 Tetrachloro-m-xylene

R.T.: 3.341 min
Delta R.T.: -0.002 min
Response: 163395111
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

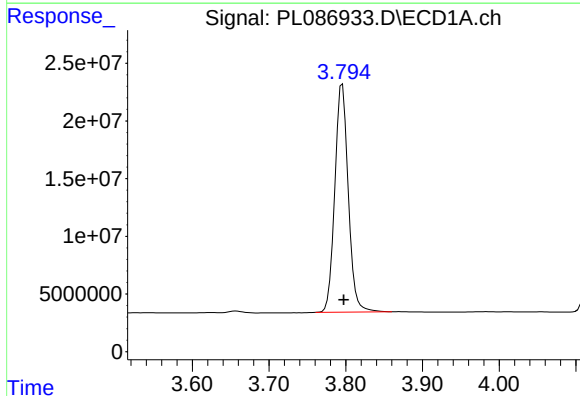
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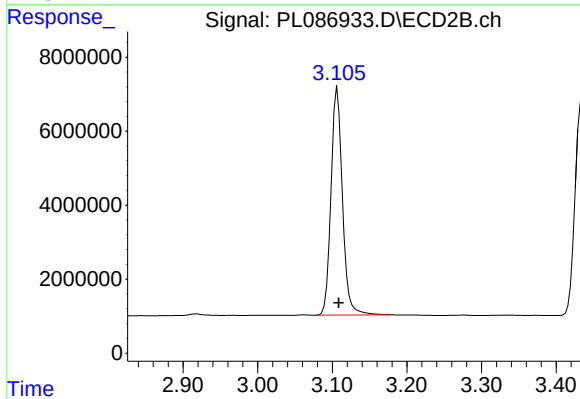
#1 Tetrachloro-m-xylene

R.T.: 2.609 min
Delta R.T.: -0.002 min
Response: 45850101
Conc: 50.41 ng/ml



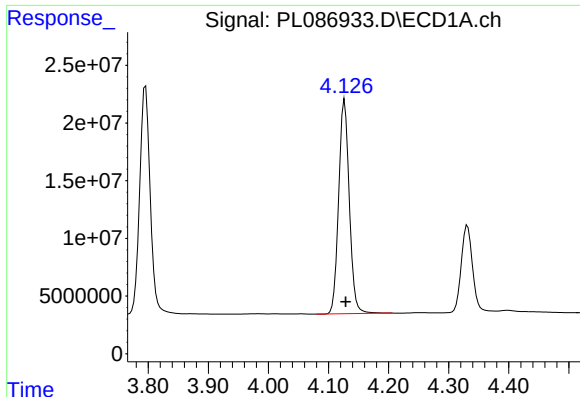
#2 alpha-BHC

R.T.: 3.796 min
Delta R.T.: -0.002 min
Response: 240626401
Conc: 51.97 ng/ml



#2 alpha-BHC

R.T.: 3.107 min
Delta R.T.: -0.002 min
Response: 65660261
Conc: 51.70 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 227946770
Conc: 52.10 ng/ml

Instrument :

ECD_L

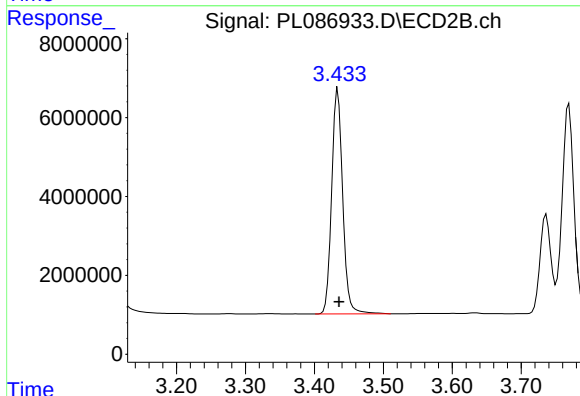
ClientSampleId :

PSTDCCC050

Manual Integrations

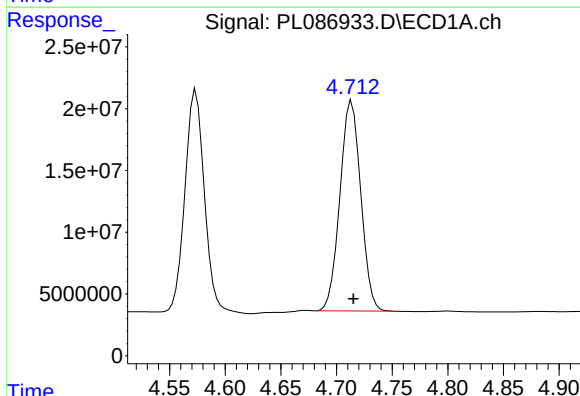
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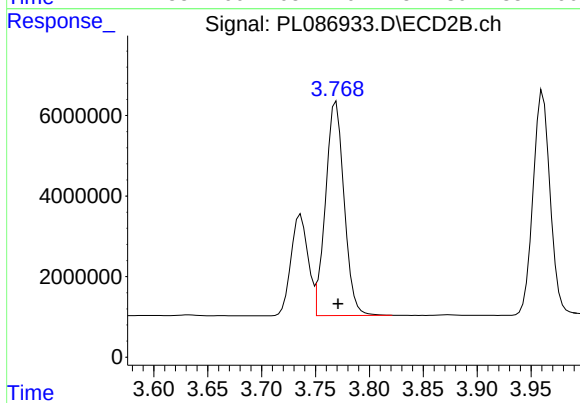
#3 gamma-BHC (Lindane)

R.T.: 3.434 min
Delta R.T.: -0.002 min
Response: 63390827
Conc: 51.88 ng/ml



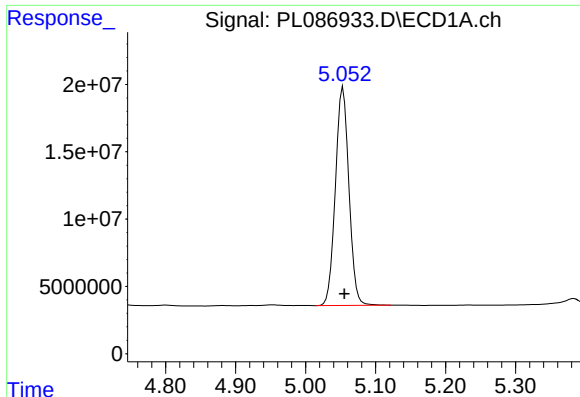
#4 Heptachlor

R.T.: 4.714 min
Delta R.T.: -0.001 min
Response: 221902814
Conc: 55.91 ng/ml



#4 Heptachlor

R.T.: 3.769 min
Delta R.T.: -0.002 min
Response: 63737730
Conc: 54.59 ng/ml



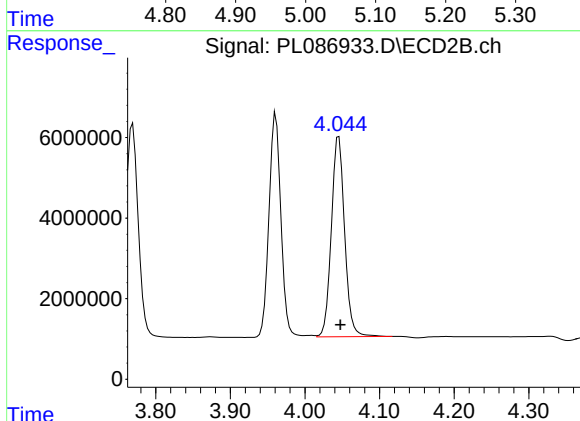
#5 Aldrin

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 217506532
Conc: 51.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

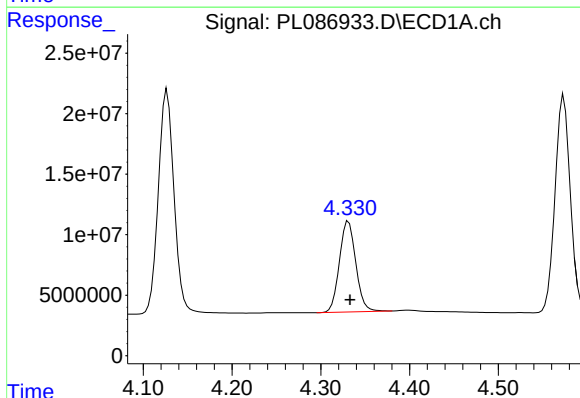
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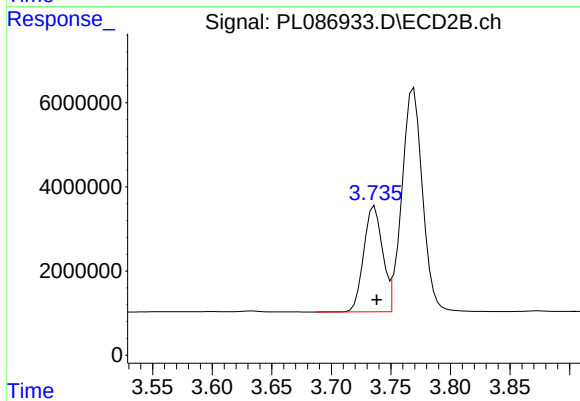
#5 Aldrin

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 61575388
Conc: 50.45 ng/ml



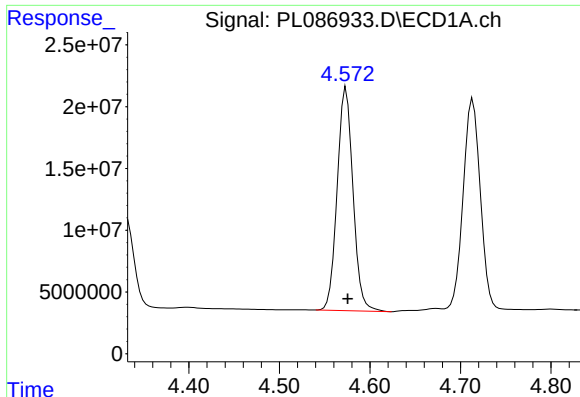
#6 beta-BHC

R.T.: 4.331 min
Delta R.T.: -0.002 min
Response: 96185322
Conc: 51.42 ng/ml



#6 beta-BHC

R.T.: 3.736 min
Delta R.T.: -0.002 min
Response: 27597161
Conc: 52.16 ng/ml



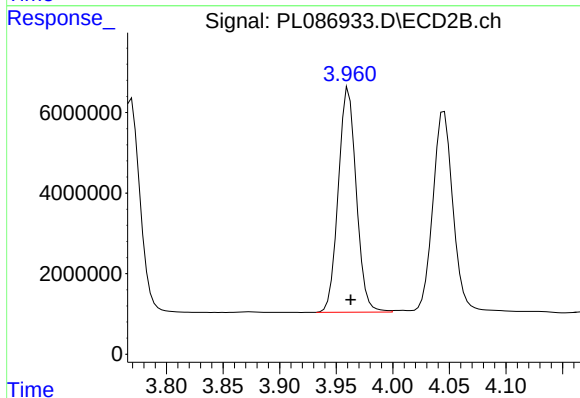
#7 delta-BHC

R.T.: 4.574 min
Delta R.T.: -0.002 min
Response: 219510029
Conc: 51.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

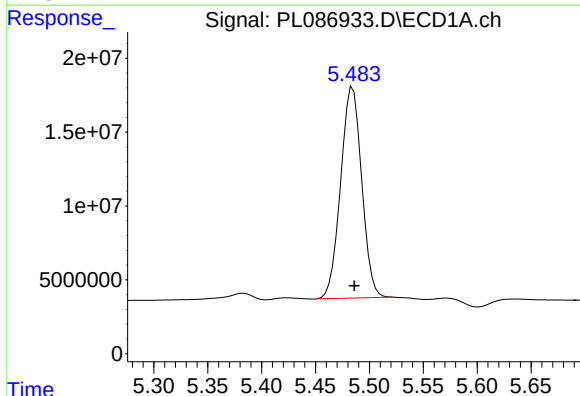
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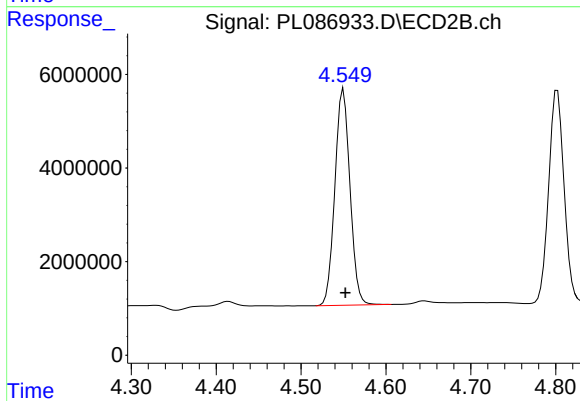
#7 delta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 61625477
Conc: 52.77 ng/ml



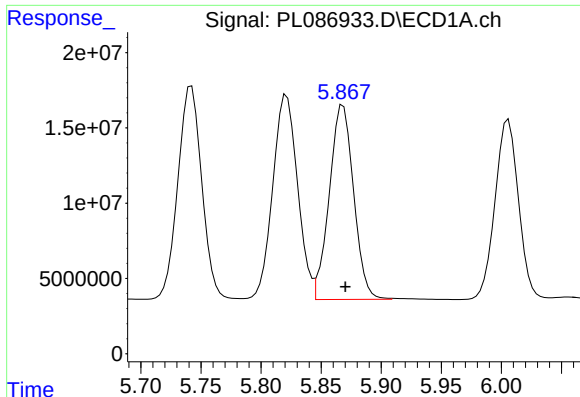
#8 Heptachlor epoxide

R.T.: 5.485 min
Delta R.T.: -0.002 min
Response: 194537205
Conc: 54.92 ng/ml



#8 Heptachlor epoxide

R.T.: 4.550 min
Delta R.T.: -0.002 min
Response: 57187811
Conc: 50.24 ng/ml



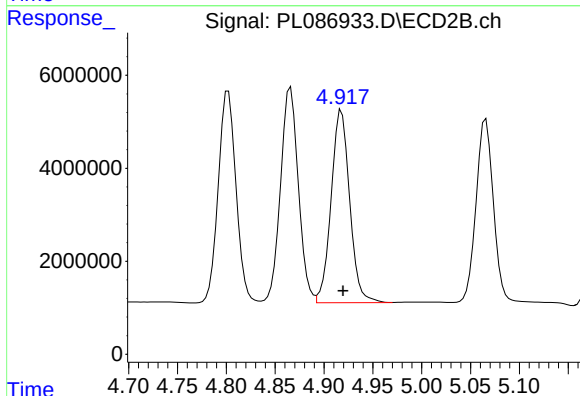
#9 Endosulfan I

R.T.: 5.867 min
Delta R.T.: -0.003 min
Response: 181109771
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

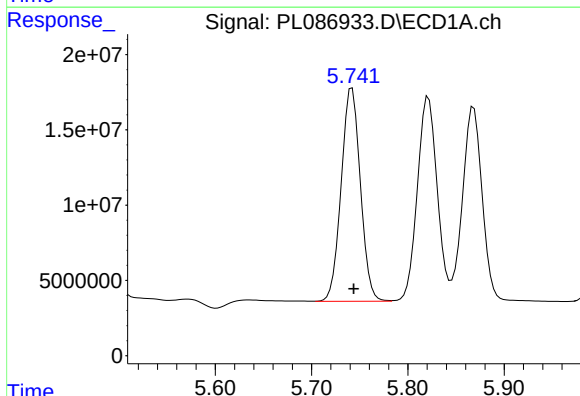
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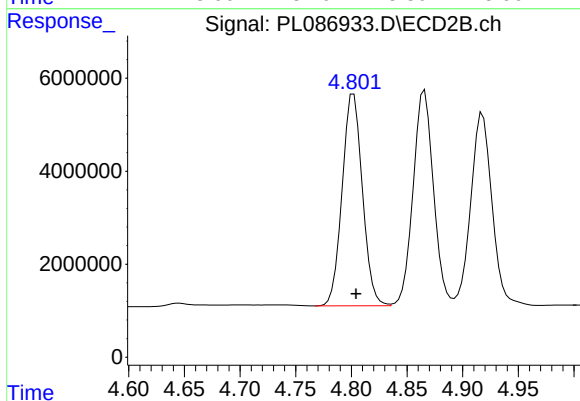
#9 Endosulfan I

R.T.: 4.918 min
Delta R.T.: -0.002 min
Response: 54887512
Conc: 42.54 ng/ml



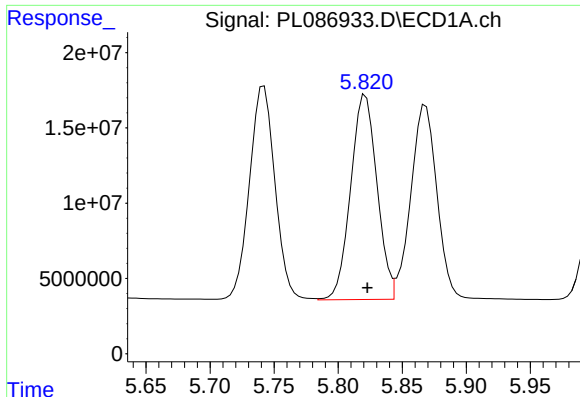
#10 gamma-Chlordane

R.T.: 5.741 min
Delta R.T.: -0.003 min
Response: 196005202
Conc: 52.13 ng/ml m



#10 gamma-Chlordane

R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 57719983
Conc: 50.35 ng/ml



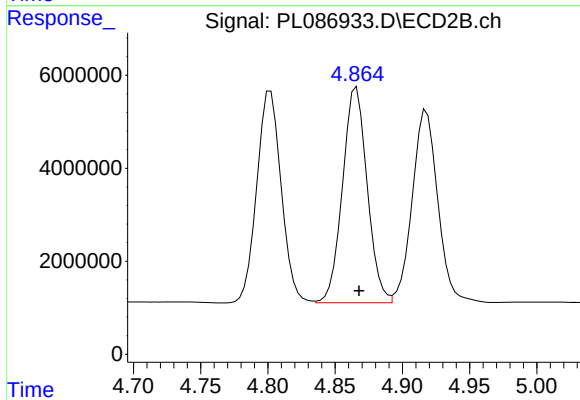
#11 alpha-Chlordane

R.T.: 5.820 min
Delta R.T.: -0.003 min
Response: 195748703
Conc: 52.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

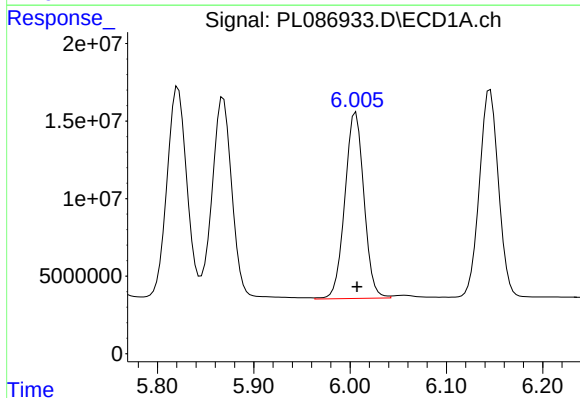
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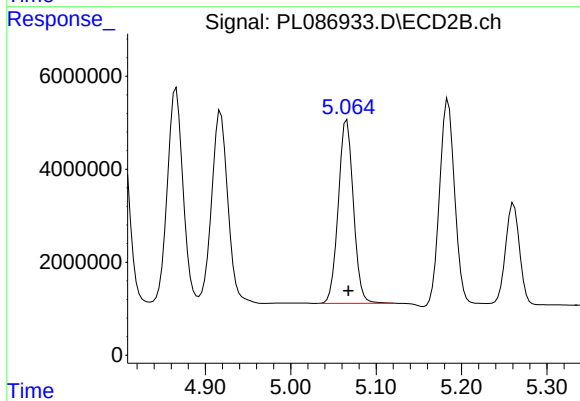
#11 alpha-Chlordane

R.T.: 4.866 min
Delta R.T.: -0.002 min
Response: 59083124
Conc: 44.43 ng/ml



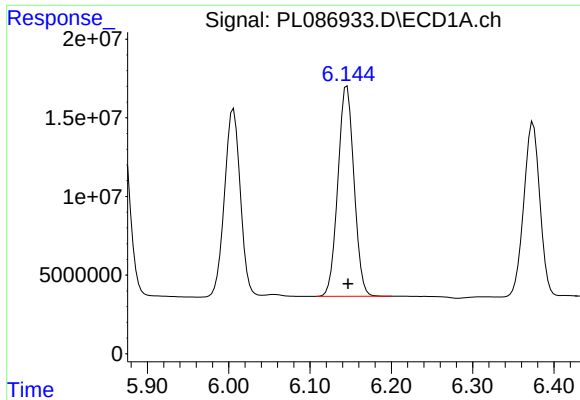
#12 4,4'-DDE

R.T.: 6.006 min
Delta R.T.: -0.001 min
Response: 164605725
Conc: 54.44 ng/ml



#12 4,4'-DDE

R.T.: 5.064 min
Delta R.T.: -0.003 min
Response: 48507174
Conc: 52.84 ng/ml m



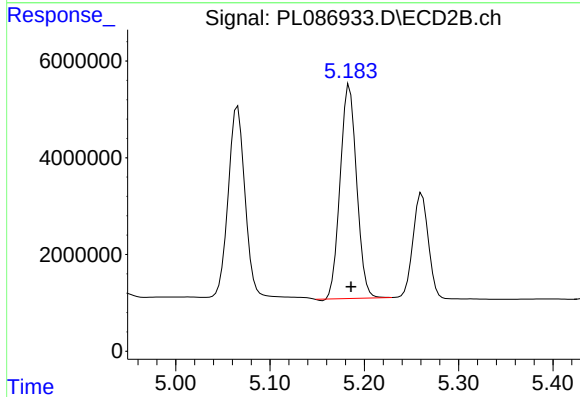
#13 Dieldrin

R.T.: 6.145 min
Delta R.T.: -0.001 min
Response: 183968930
Conc: 52.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

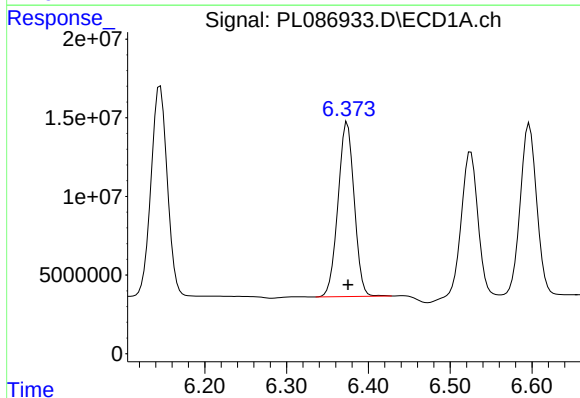
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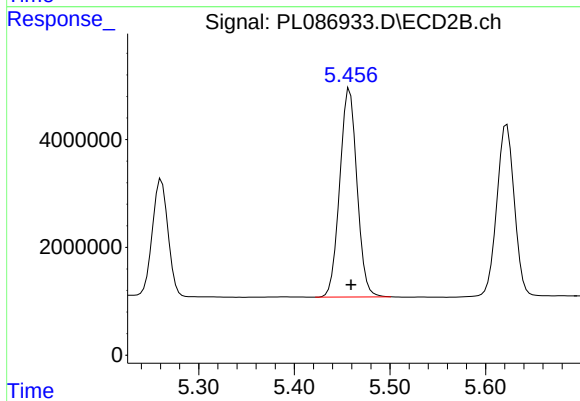
#13 Dieldrin

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 53565068
Conc: 50.02 ng/ml



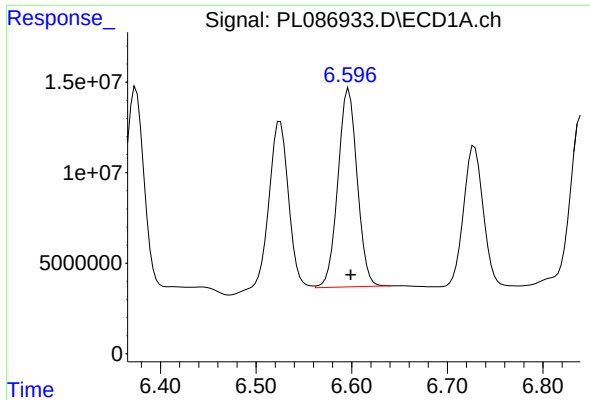
#14 Endrin

R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 152134970
Conc: 59.02 ng/ml



#14 Endrin

R.T.: 5.458 min
Delta R.T.: -0.001 min
Response: 48633969
Conc: 57.70 ng/ml



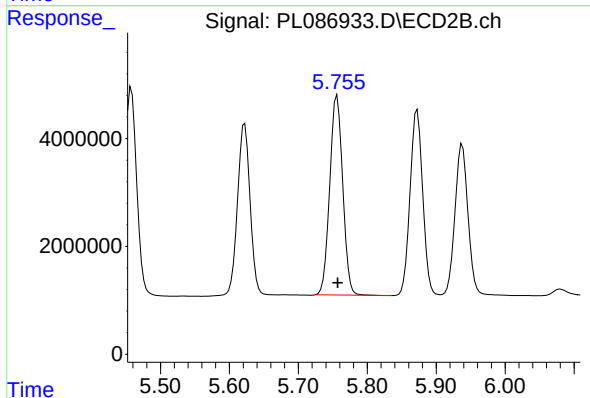
#15 Endosulfan II

R.T.: 6.597 min
Delta R.T.: -0.002 min
Response: 153512805
Conc: 53.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

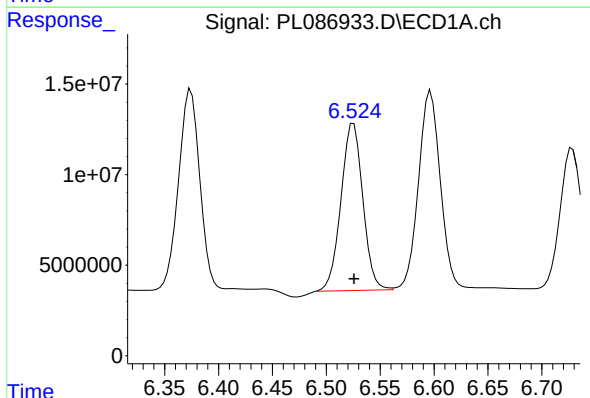
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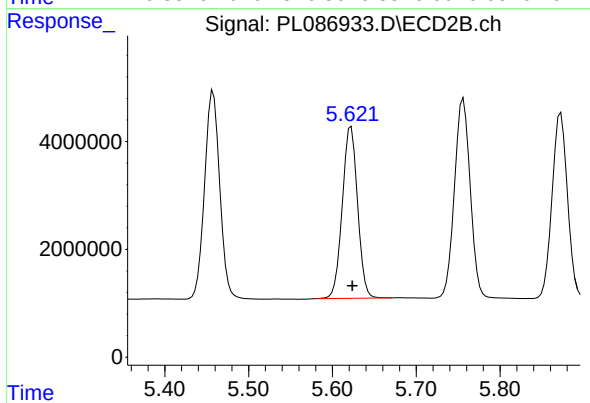
#15 Endosulfan II

R.T.: 5.756 min
Delta R.T.: -0.001 min
Response: 48409909
Conc: 52.14 ng/ml



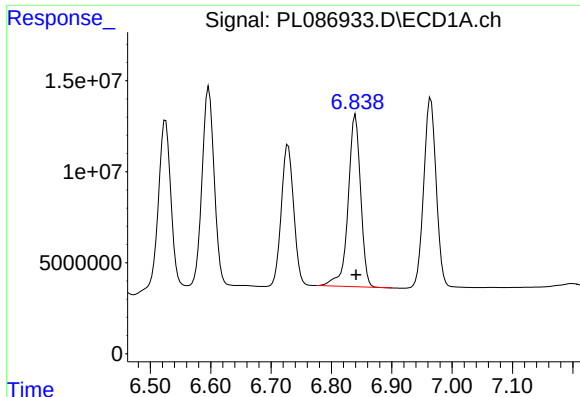
#16 4,4'-DDD

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 130615280
Conc: 55.78 ng/ml



#16 4,4'-DDD

R.T.: 5.622 min
Delta R.T.: -0.001 min
Response: 40410302
Conc: 52.32 ng/ml



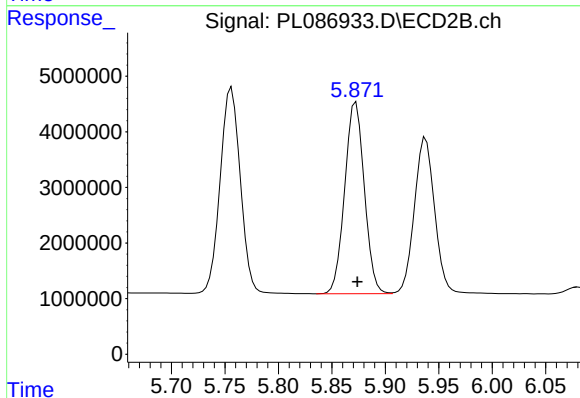
#17 4,4'-DDT

R.T.: 6.840 min
Delta R.T.: -0.001 min
Response: 135908501
Conc: 52.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

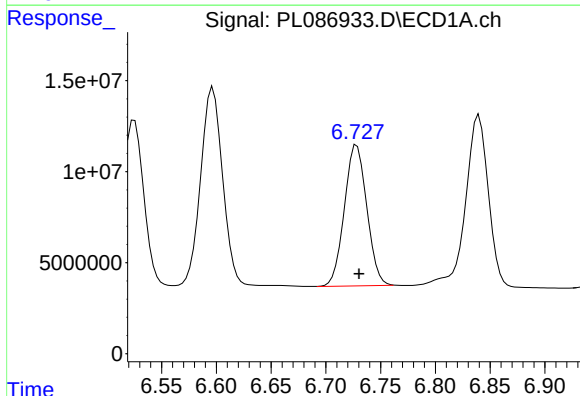
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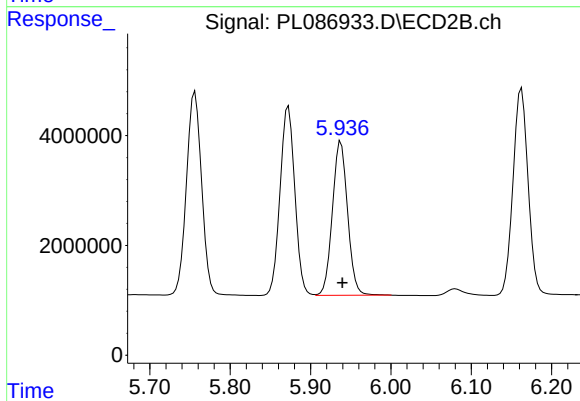
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: -0.002 min
Response: 43999322
Conc: 54.56 ng/ml



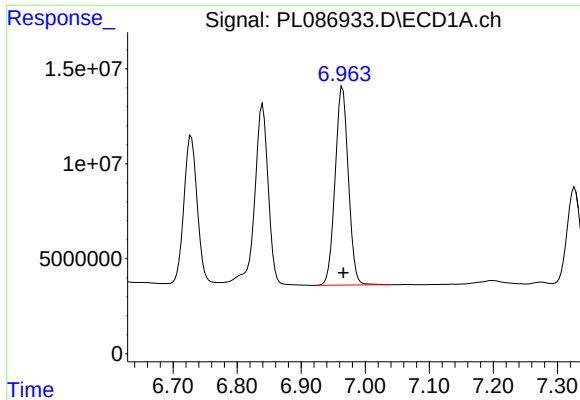
#18 Endrin aldehyde

R.T.: 6.727 min
Delta R.T.: -0.004 min
Response: 110269112
Conc: 51.69 ng/ml m



#18 Endrin aldehyde

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 36866153
Conc: 52.77 ng/ml



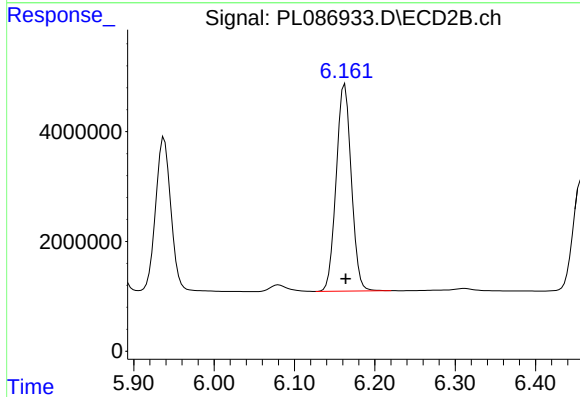
#19 Endosulfan Sulfate

R.T.: 6.965 min
Delta R.T.: -0.001 min
Response: 150343766
Conc: 52.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

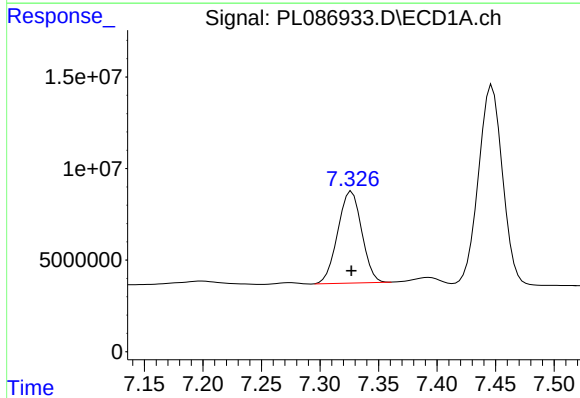
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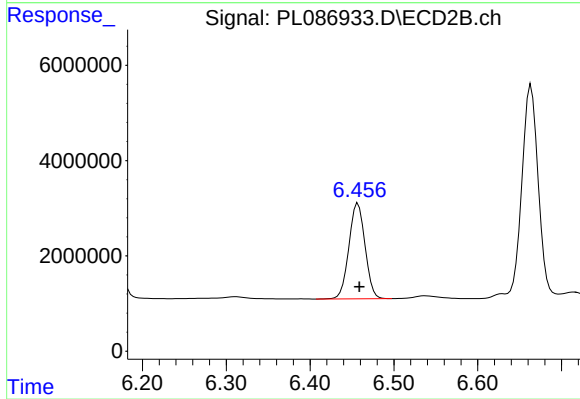
#19 Endosulfan Sulfate

R.T.: 6.163 min
Delta R.T.: -0.001 min
Response: 49338708
Conc: 52.00 ng/ml



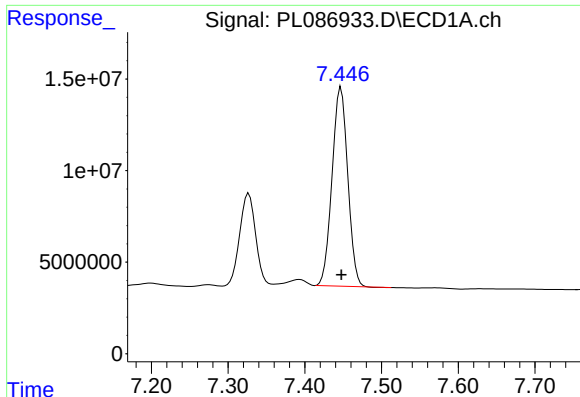
#20 Methoxychlor

R.T.: 7.327 min
Delta R.T.: 0.000 min
Response: 71295503
Conc: 53.99 ng/ml



#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: -0.002 min
Response: 26888724
Conc: 52.24 ng/ml



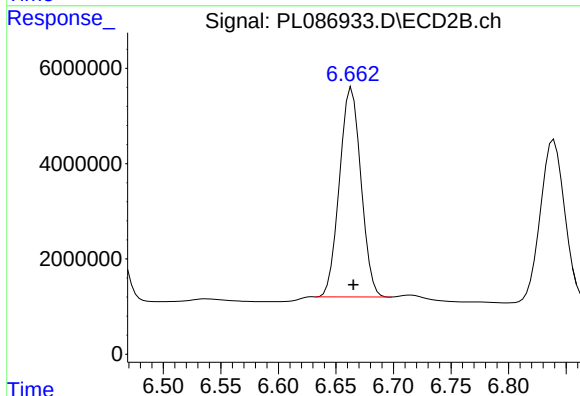
#21 Endrin ketone

R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 154066470
Conc: 51.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

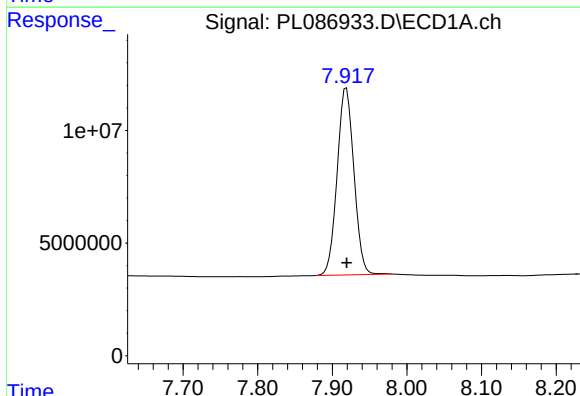
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Reviewed By :Yogesh Patel 12/04/2023
Supervised By :Ankita Jodhani 12/04/2023



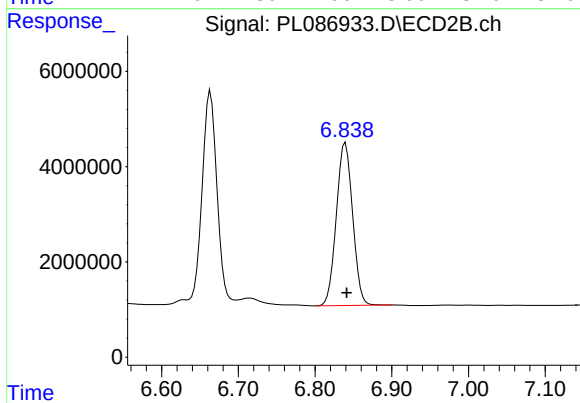
#21 Endrin ketone

R.T.: 6.664 min
Delta R.T.: -0.002 min
Response: 57283393
Conc: 50.18 ng/ml



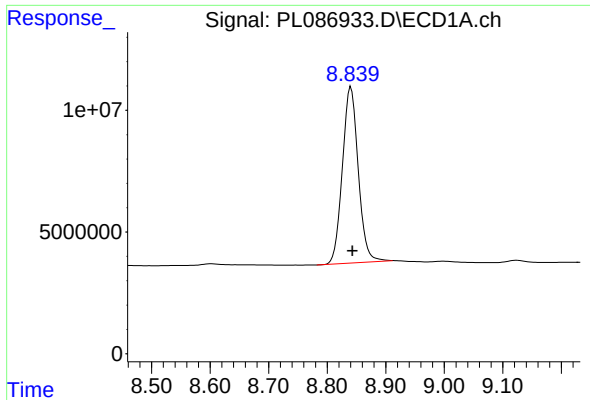
#22 Mirex

R.T.: 7.919 min
Delta R.T.: 0.000 min
Response: 129887185
Conc: 50.78 ng/ml



#22 Mirex

R.T.: 6.840 min
Delta R.T.: -0.002 min
Response: 50545875
Conc: 48.70 ng/ml



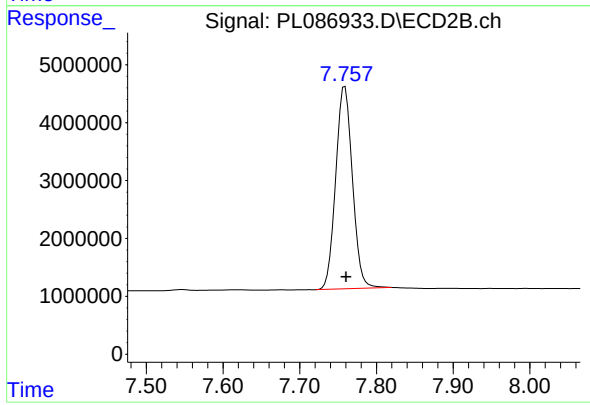
#28 Decachlorobiphenyl

R.T.: 8.841 min
Delta R.T.: -0.002 min
Response: 136010486
Conc: 50.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :Ankita Jodhani 12/04/2023



#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: -0.001 min
Response: 53039063
Conc: 48.10 ng/ml