

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120223\
 Data File : PL086925.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2023 14:45
 Operator : AR\AJ
 Sample : 05590-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SH-SOIL-AMSD

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 21:30:52 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...	3.342	2.610	71492224	20054635	22.361	22.051
28)	SA Decachlor...	8.840	7.759	58808630	23932375	22.029	21.706
Target Compounds							
2)	A alpha-BHC	3.796	3.108	261.5E6	71753012	56.474	56.501
3)	MA gamma-BHC...	4.127	3.435	248.4E6	68357209	56.769	55.946
4)	MA Heptachlor	4.714	3.770	252.4E6	72823116	63.594	62.368
5)	MB Aldrin	5.053	4.046	238.8E6	69482436	56.597	56.927
6)	B beta-BHC	4.332	3.737	113.7E6	30068824	60.778	56.831
7)	B delta-BHC	4.574	3.961	234.1E6	65414873	55.152	56.016
8)	B Heptachlo...	5.484	4.551	210.1E6	64636611	59.318	56.780
9)	A Endosulfan I	5.868	4.918	202.3E6	62819625	56.148	49.267
10)	B gamma-Chl...	5.742	4.803	217.4E6	65272152	57.830	56.942
11)	B alpha-Chl...	5.821	4.867	215.6E6	66555141	57.264	50.049
12)	B 4,4'-DDE	6.006	5.066	184.7E6	55952381	61.081	60.945
13)	MA Dieldrin	6.145	5.185	204.0E6	62462221	58.750	58.324
14)	MA Endrin	6.373	5.458	172.7E6	56449378	66.999	66.978
15)	B Endosulfa...	6.597	5.756	157.4E6	53615566	55.166	57.741
16)	A 4,4'-DDD	6.524	5.622	142.9E6	45584453	61.026	59.022
17)	MA 4,4'-DDT	6.839	5.872	159.4E6	51937082	62.095	64.401
18)	B Endrin al...	6.726	5.937	126.6E6	43042145	59.324m	61.611
19)	B Endosulfa...	6.964	6.162	165.3E6	58178171	57.875	61.316
20)	A Methoxychlor	7.326	6.457	79444968	30577794	60.164	59.407
21)	B Endrin ke...	7.446	6.663	170.4E6	64779352	56.981	56.750
22)	Mirex	7.918	6.839	138.6E6	54520901	54.188	52.532

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120223\
Data File : PL086925.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Dec 2023 14:45
Operator : AR\AJ
Sample : 05590-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

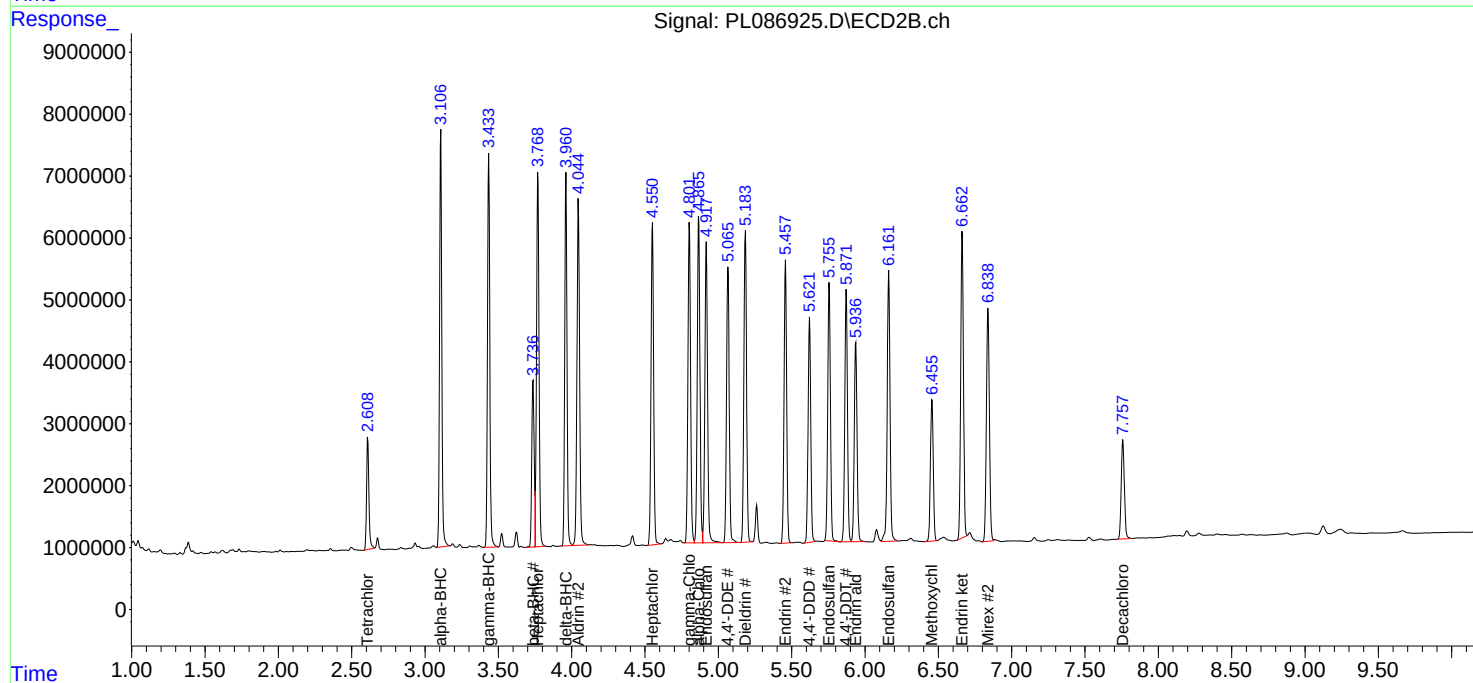
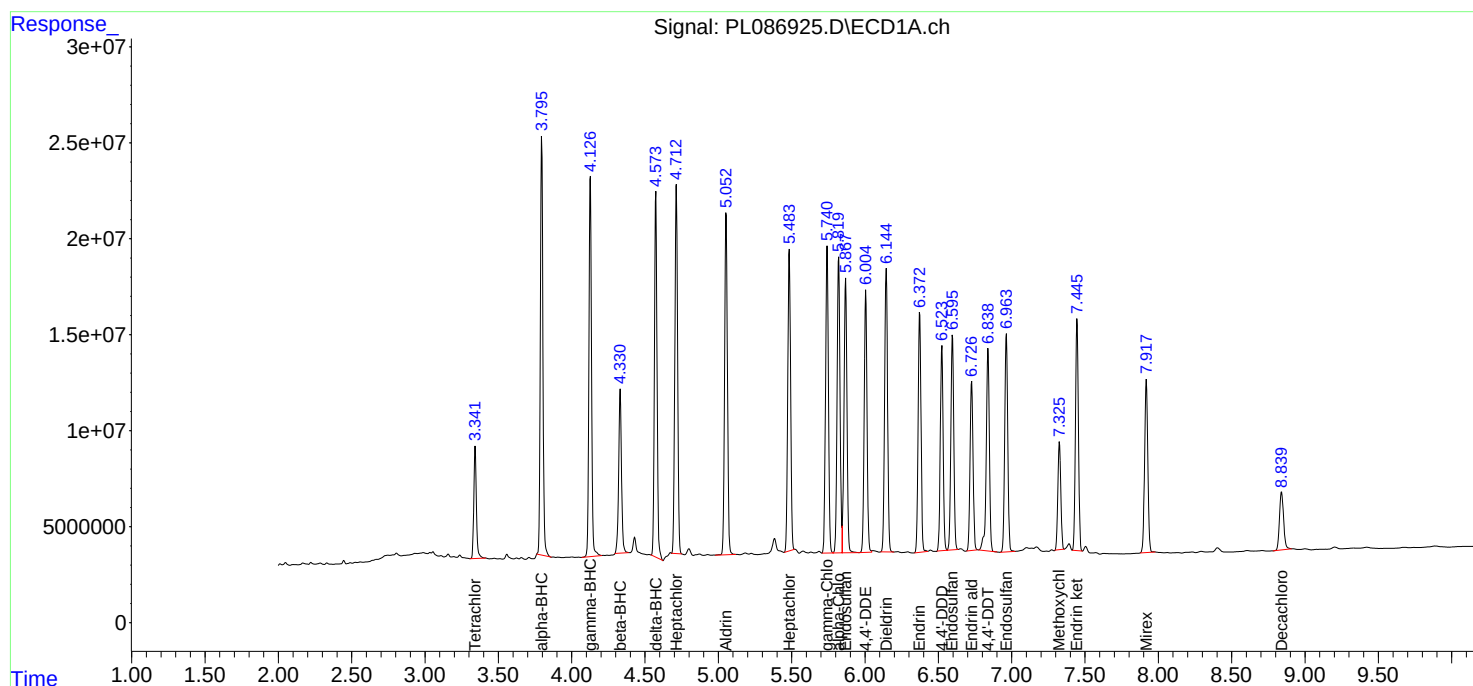
Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMSD

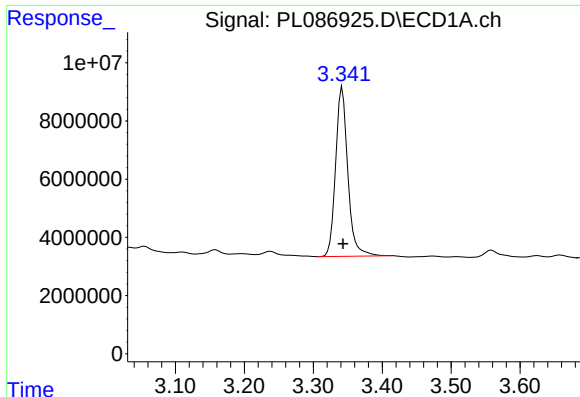
Manual Integrations
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Supervised By :Ankita Jodhani 12/04/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 01 21:30:52 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





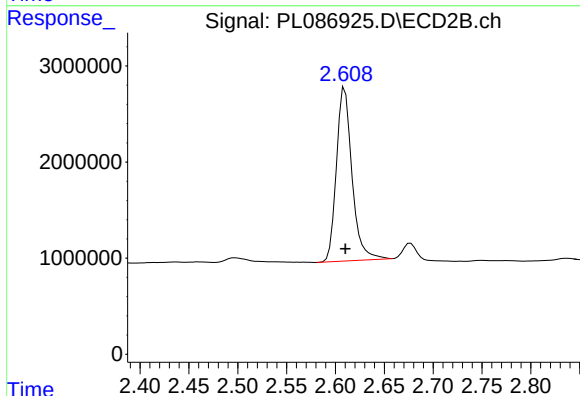
#1 Tetrachloro-m-xylene

R.T.: 3.342 min
Delta R.T.: -0.001 min
Response: 71492224
Conc: 22.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMSD

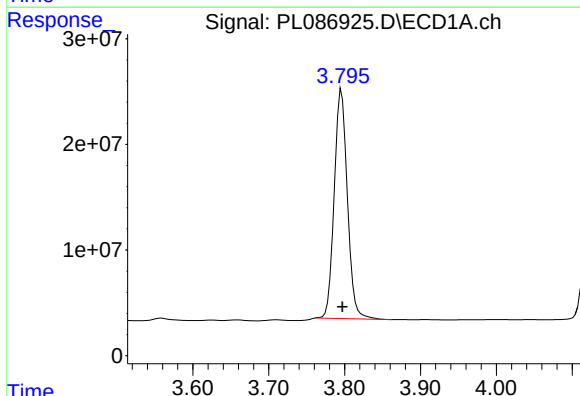
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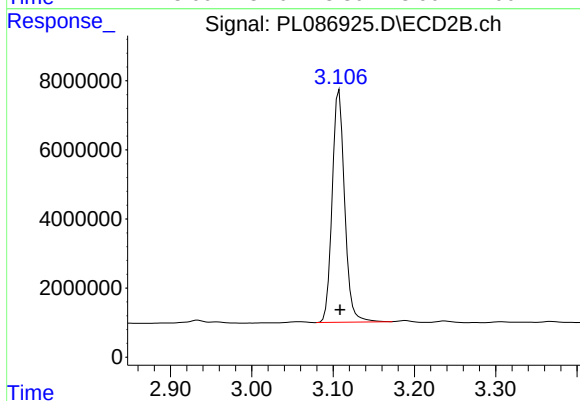
#1 Tetrachloro-m-xylene

R.T.: 2.610 min
Delta R.T.: 0.000 min
Response: 20054635
Conc: 22.05 ng/ml



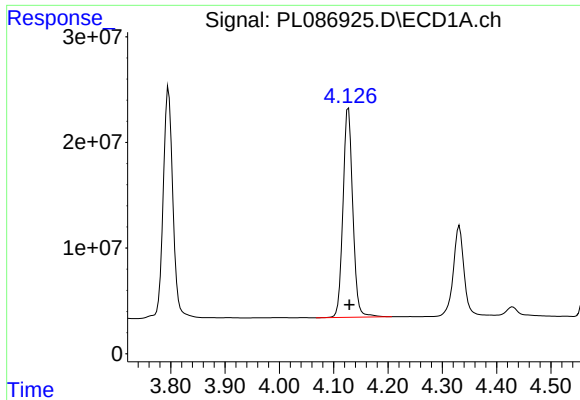
#2 alpha-BHC

R.T.: 3.796 min
Delta R.T.: -0.001 min
Response: 261481636
Conc: 56.47 ng/ml



#2 alpha-BHC

R.T.: 3.108 min
Delta R.T.: 0.000 min
Response: 71753012
Conc: 56.50 ng/ml



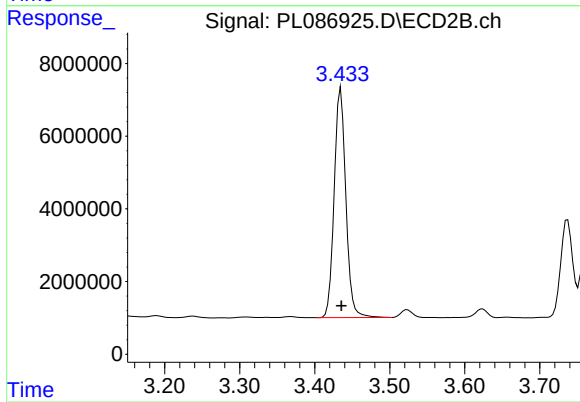
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 248353136
Conc: 56.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMSD

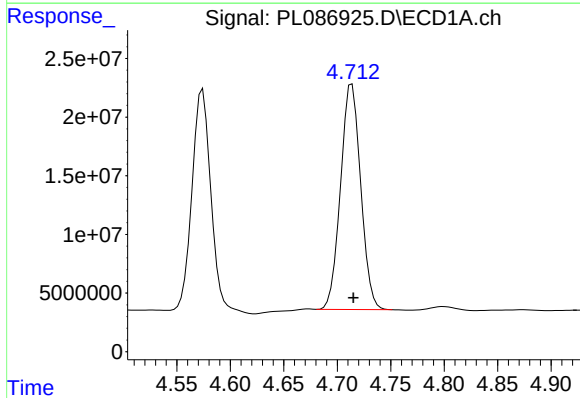
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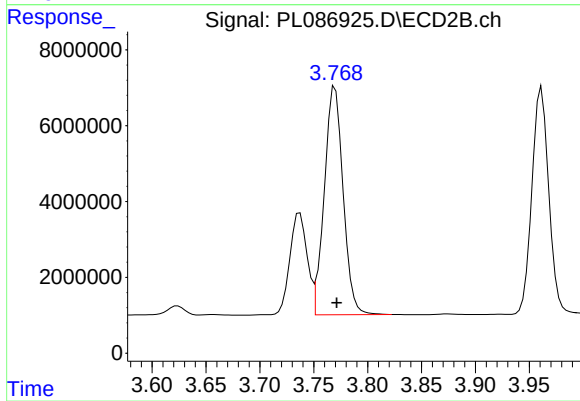
#3 gamma-BHC (Lindane)

R.T.: 3.435 min
Delta R.T.: 0.000 min
Response: 68357209
Conc: 55.95 ng/ml



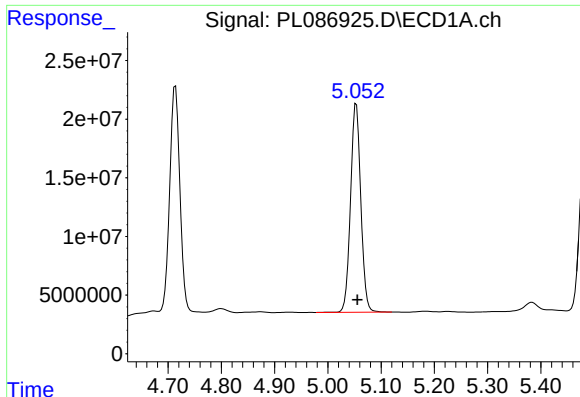
#4 Heptachlor

R.T.: 4.714 min
Delta R.T.: -0.001 min
Response: 252387483
Conc: 63.59 ng/ml



#4 Heptachlor

R.T.: 3.770 min
Delta R.T.: -0.001 min
Response: 72823116
Conc: 62.37 ng/ml



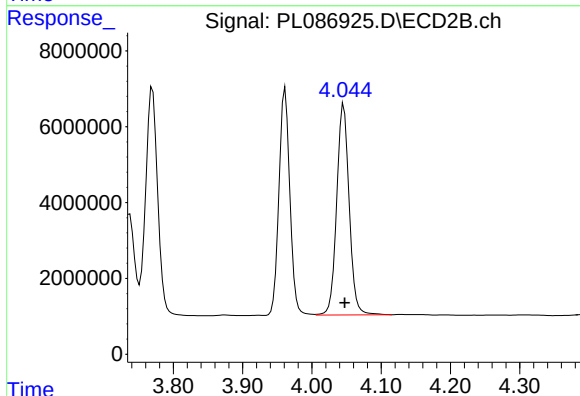
#5 Aldrin

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 238847042
Conc: 56.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMSD

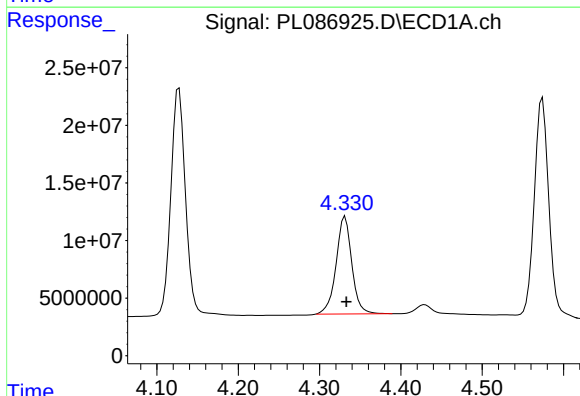
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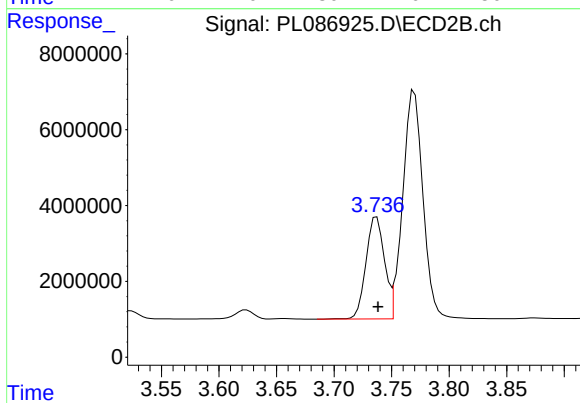
#5 Aldrin

R.T.: 4.046 min
Delta R.T.: -0.002 min
Response: 69482436
Conc: 56.93 ng/ml



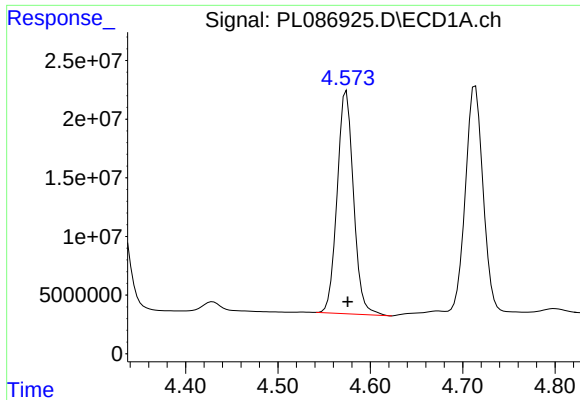
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: -0.002 min
Response: 113694806
Conc: 60.78 ng/ml



#6 beta-BHC

R.T.: 3.737 min
Delta R.T.: -0.001 min
Response: 30068824
Conc: 56.83 ng/ml



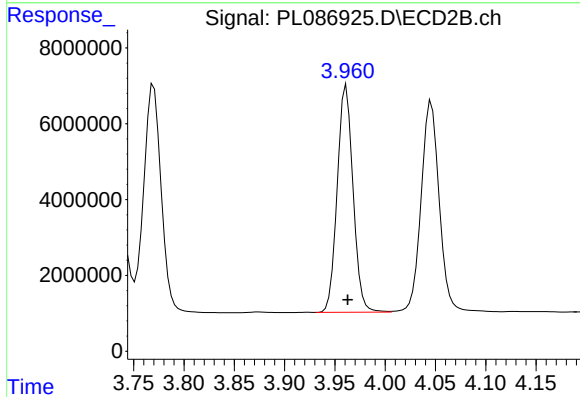
#7 delta-BHC

R.T.: 4.574 min
Delta R.T.: -0.002 min
Response: 234129889
Conc: 55.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMSD

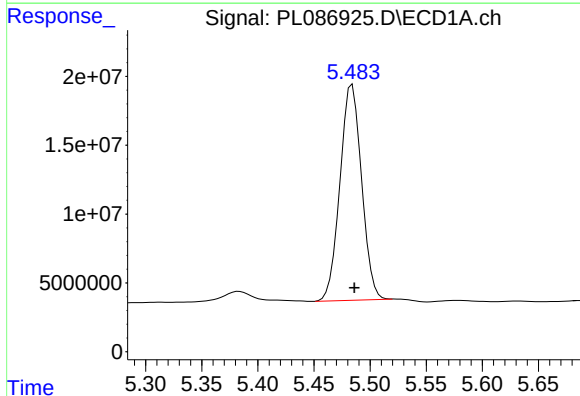
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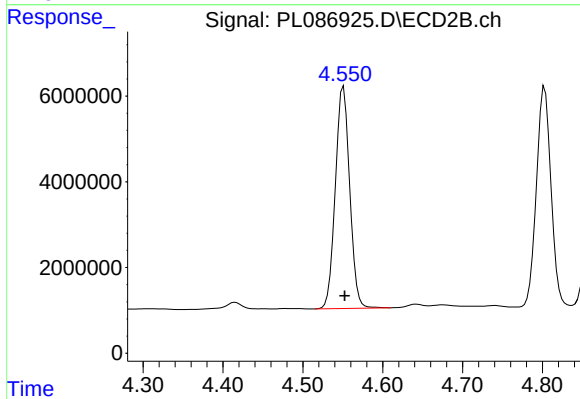
#7 delta-BHC

R.T.: 3.961 min
Delta R.T.: -0.001 min
Response: 65414873
Conc: 56.02 ng/ml



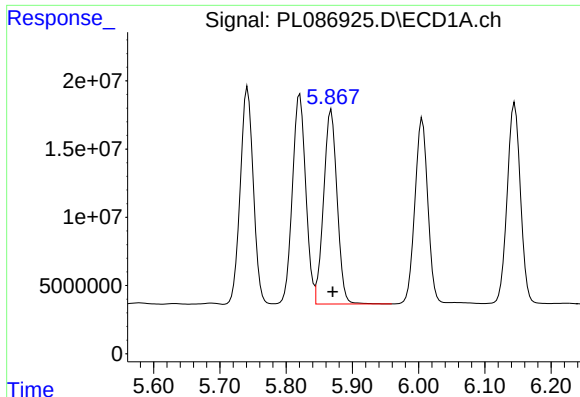
#8 Heptachlor epoxide

R.T.: 5.484 min
Delta R.T.: -0.002 min
Response: 210122991
Conc: 59.32 ng/ml



#8 Heptachlor epoxide

R.T.: 4.551 min
Delta R.T.: -0.002 min
Response: 64636611
Conc: 56.78 ng/ml



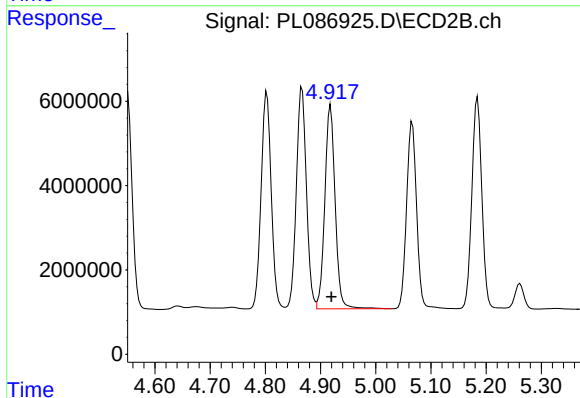
#9 Endosulfan I

R.T.: 5.868 min
Delta R.T.: -0.002 min
Response: 202293051
Conc: 56.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMSD

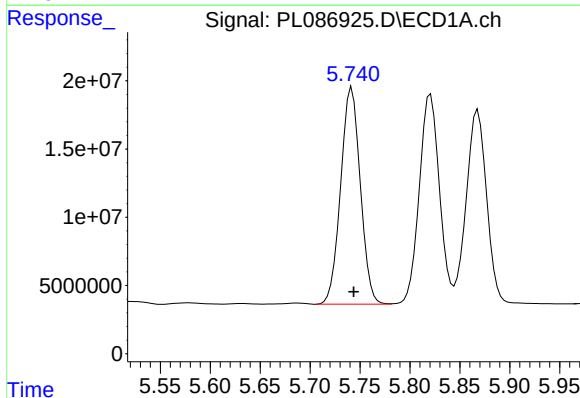
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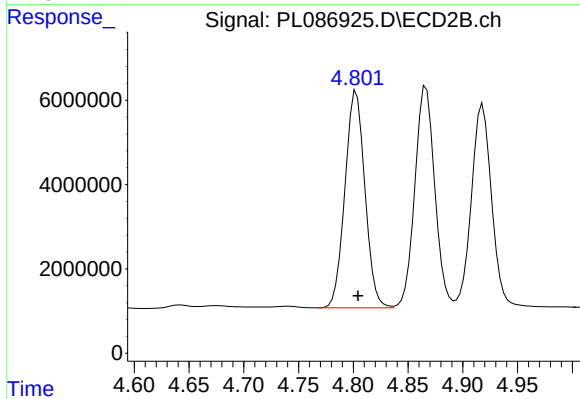
#9 Endosulfan I

R.T.: 4.918 min
Delta R.T.: -0.001 min
Response: 62819625
Conc: 49.27 ng/ml



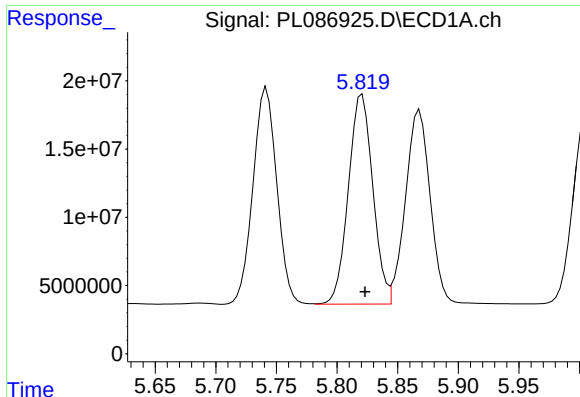
#10 gamma-Chlordane

R.T.: 5.742 min
Delta R.T.: -0.002 min
Response: 217434561
Conc: 57.83 ng/ml



#10 gamma-Chlordane

R.T.: 4.803 min
Delta R.T.: -0.002 min
Response: 65272152
Conc: 56.94 ng/ml



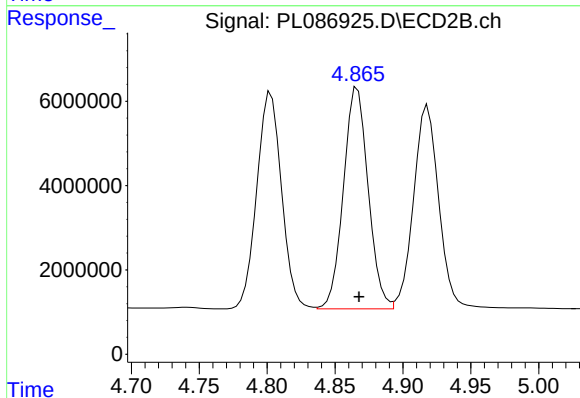
#11 alpha-Chlordane

R.T.: 5.821 min
Delta R.T.: -0.002 min
Response: 215574264
Conc: 57.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMSD

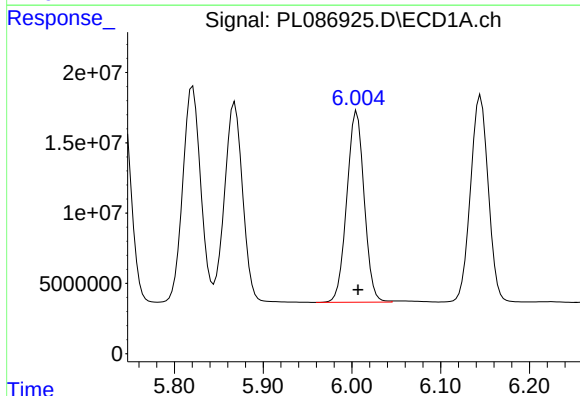
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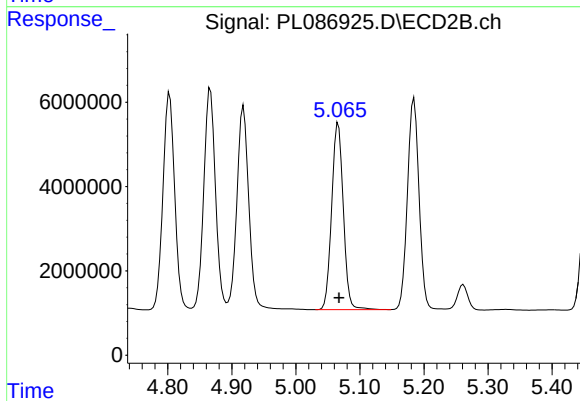
#11 alpha-Chlordane

R.T.: 4.867 min
Delta R.T.: -0.001 min
Response: 66555141
Conc: 50.05 ng/ml



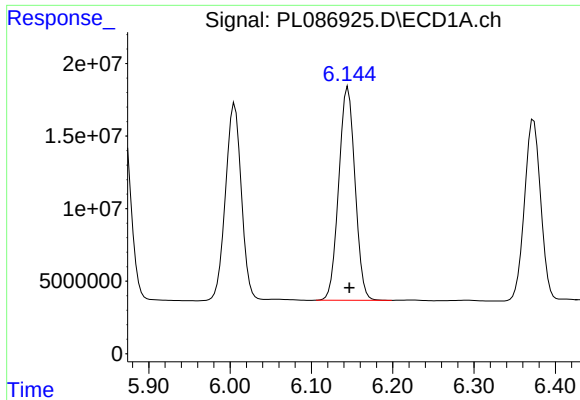
#12 4,4'-DDE

R.T.: 6.006 min
Delta R.T.: -0.002 min
Response: 184671491
Conc: 61.08 ng/ml



#12 4,4'-DDE

R.T.: 5.066 min
Delta R.T.: -0.001 min
Response: 55952381
Conc: 60.95 ng/ml



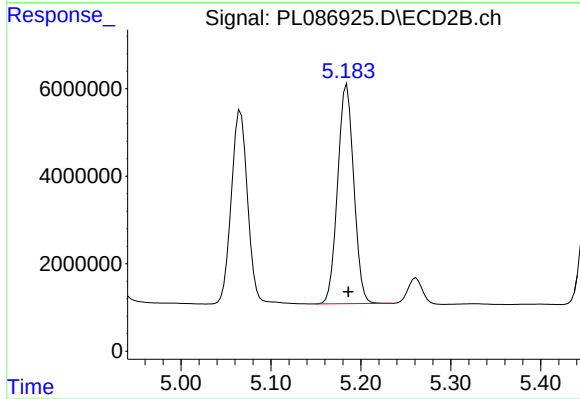
#13 Dieldrin

R.T.: 6.145 min
Delta R.T.: -0.002 min
Response: 203958910
Conc: 58.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMSD

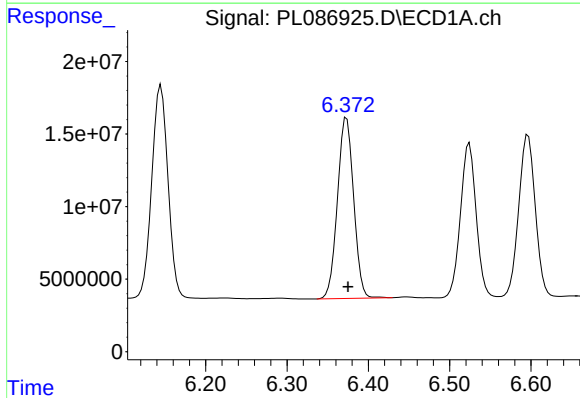
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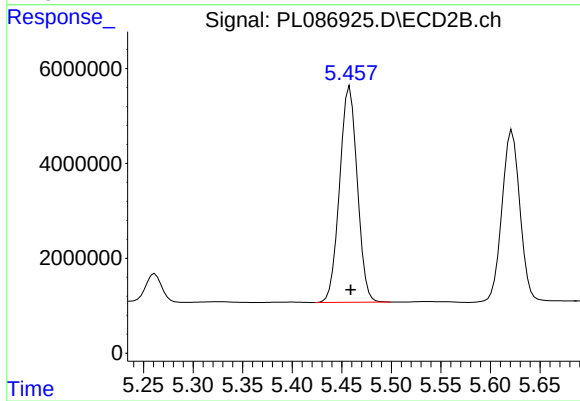
#13 Dieldrin

R.T.: 5.185 min
Delta R.T.: -0.002 min
Response: 62462221
Conc: 58.32 ng/ml



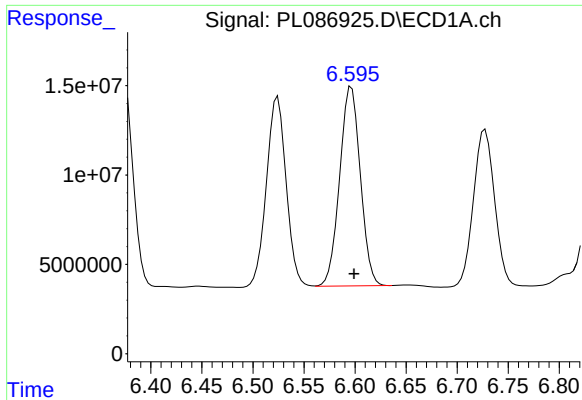
#14 Endrin

R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 172701072
Conc: 67.00 ng/ml



#14 Endrin

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 56449378
Conc: 66.98 ng/ml



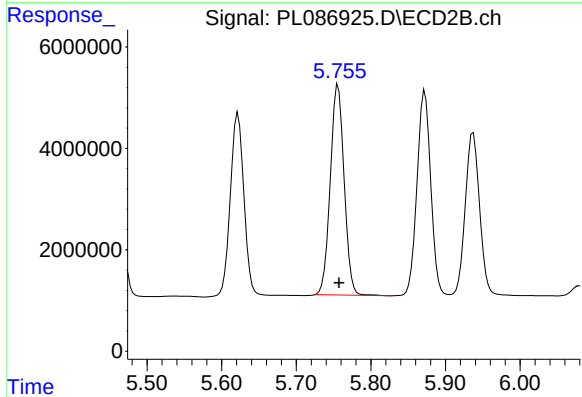
#15 Endosulfan II

R.T.: 6.597 min
Delta R.T.: -0.003 min
Response: 157422268
Conc: 55.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMSD

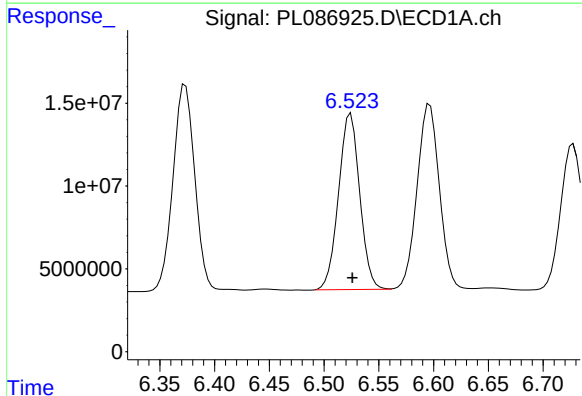
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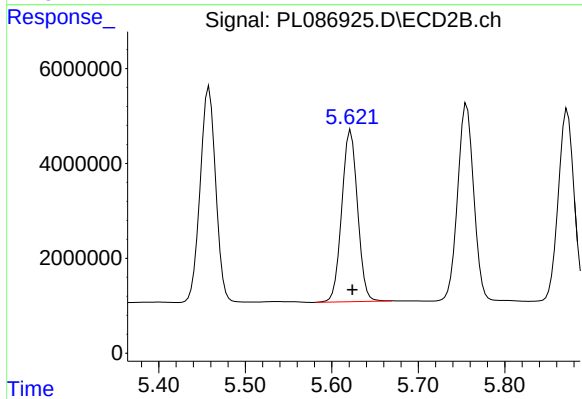
#15 Endosulfan II

R.T.: 5.756 min
Delta R.T.: -0.001 min
Response: 53615566
Conc: 57.74 ng/ml



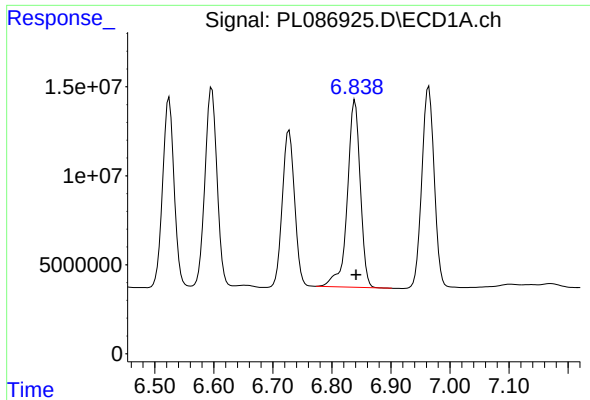
#16 4,4'-DDD

R.T.: 6.524 min
Delta R.T.: -0.001 min
Response: 142897348
Conc: 61.03 ng/ml



#16 4,4'-DDD

R.T.: 5.622 min
Delta R.T.: -0.002 min
Response: 45584453
Conc: 59.02 ng/ml



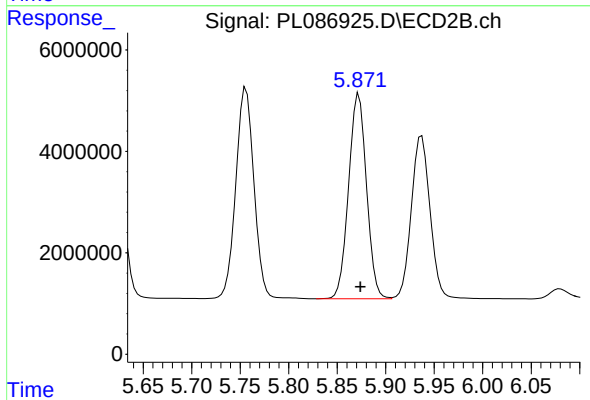
#17 4,4'-DDT

R.T.: 6.839 min
Delta R.T.: -0.002 min
Response: 159377213
Conc: 62.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMSD

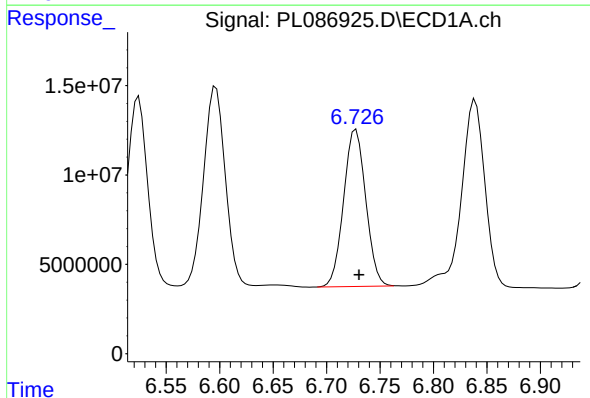
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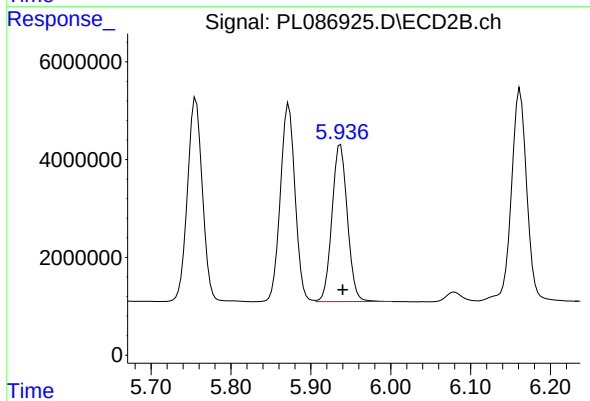
#17 4,4'-DDT

R.T.: 5.872 min
Delta R.T.: -0.002 min
Response: 51937082
Conc: 64.40 ng/ml



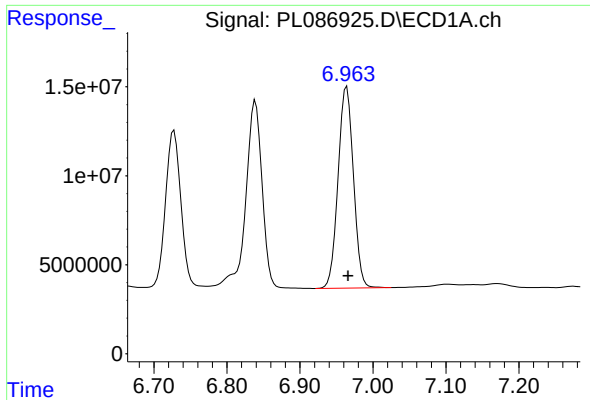
#18 Endrin aldehyde

R.T.: 6.726 min
Delta R.T.: -0.004 min
Response: 126550418
Conc: 59.32 ng/ml m



#18 Endrin aldehyde

R.T.: 5.937 min
Delta R.T.: -0.003 min
Response: 43042145
Conc: 61.61 ng/ml



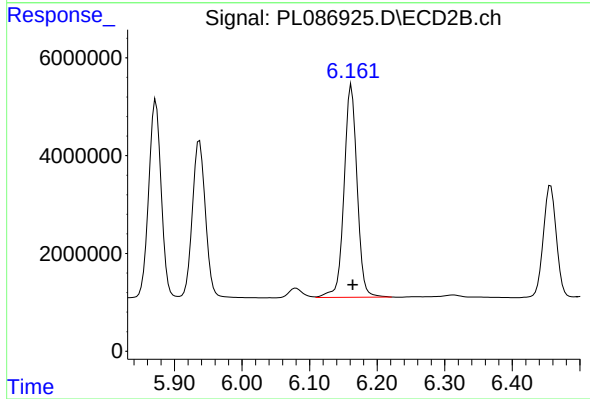
#19 Endosulfan Sulfate

R.T.: 6.964 min
Delta R.T.: -0.002 min
Response: 165275330
Conc: 57.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMSD

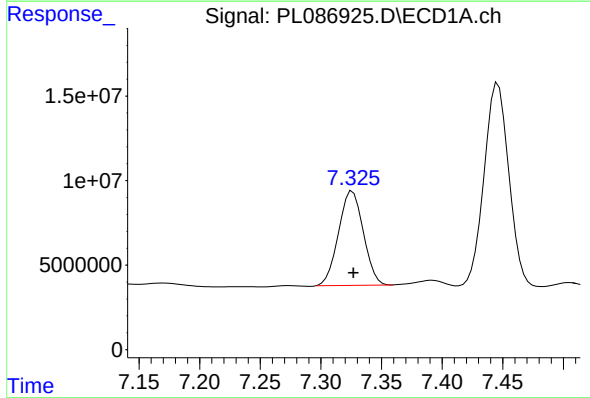
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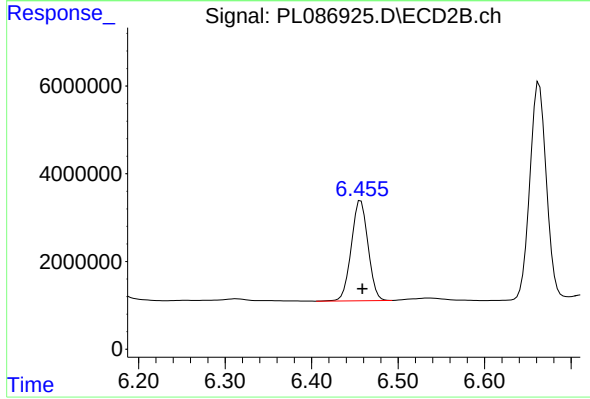
#19 Endosulfan Sulfate

R.T.: 6.162 min
Delta R.T.: -0.002 min
Response: 58178171
Conc: 61.32 ng/ml



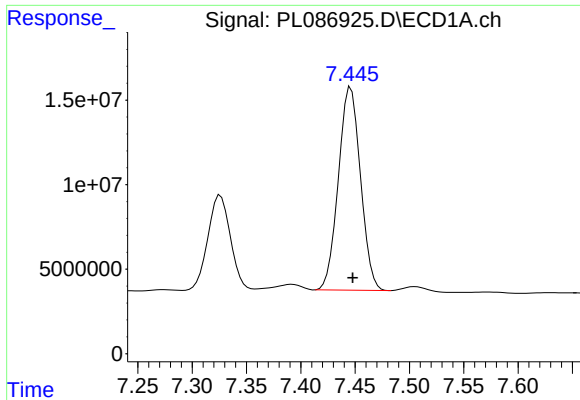
#20 Methoxychlor

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 79444968
Conc: 60.16 ng/ml



#20 Methoxychlor

R.T.: 6.457 min
Delta R.T.: -0.002 min
Response: 30577794
Conc: 59.41 ng/ml



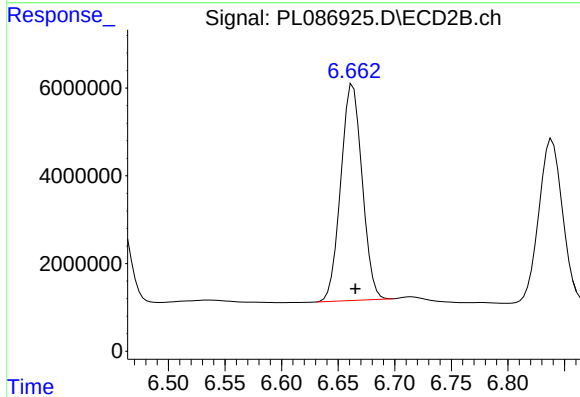
#21 Endrin ketone

R.T.: 7.446 min
Delta R.T.: -0.002 min
Response: 170353936
Conc: 56.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMSD

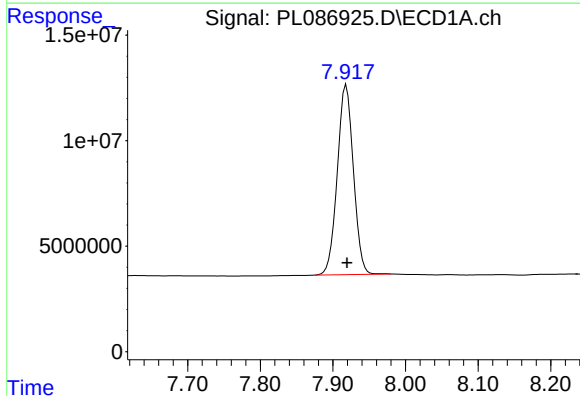
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APPROVED

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



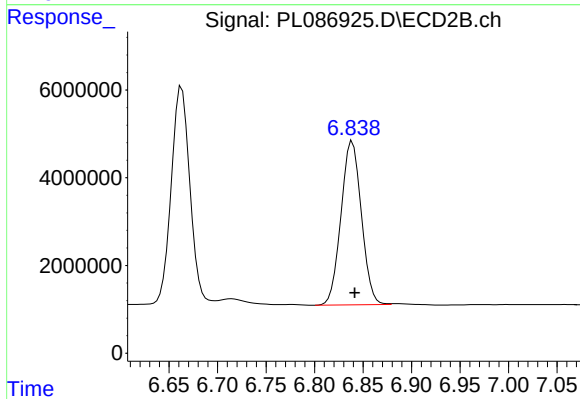
#21 Endrin ketone

R.T.: 6.663 min
Delta R.T.: -0.002 min
Response: 64779352
Conc: 56.75 ng/ml



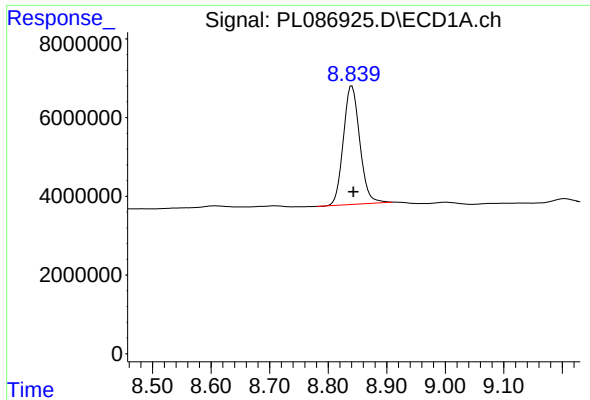
#22 Mirex

R.T.: 7.918 min
Delta R.T.: -0.001 min
Response: 138598270
Conc: 54.19 ng/ml



#22 Mirex

R.T.: 6.839 min
Delta R.T.: -0.002 min
Response: 54520901
Conc: 52.53 ng/ml



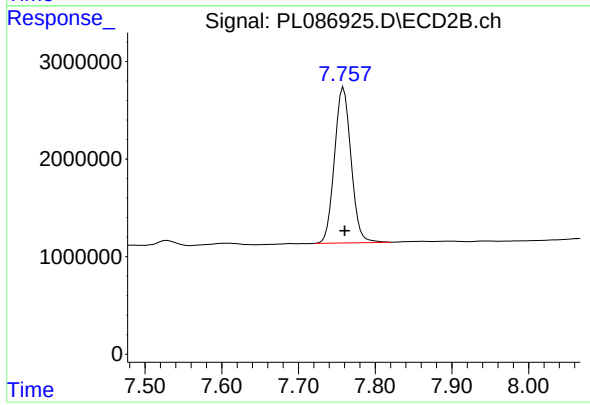
#28 Decachlorobiphenyl

R.T.: 8.840 min
Delta R.T.: -0.002 min
Response: 58808630
Conc: 22.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SH-SOIL-AMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: -0.002 min
Response: 23932375
Conc: 21.71 ng/ml