

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
 Data File : PL087346.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2023 20:02
 Operator : AR\AJ
 Sample : 05900-08MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 GHL-SS-61MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/22/2023
 Supervised By :Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 00:32:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.421	2.677	43438138	18321292	11.542	10.884
28)	SA Decachlor...	8.979	7.868	35186386	16375115	10.319	9.695
Target Compounds							
2)	A alpha-BHC	3.878	3.181	190.3E6	79433733	35.150	32.322m
3)	MA gamma-BHC...	4.212	3.513	179.0E6	75259062	34.049	31.068
4)	MA Heptachlor	4.803	3.855	176.1E6	73370532	33.070m	30.695
5)	MB Aldrin	5.147	4.136	173.7E6	74528790	33.358	31.083
6)	B beta-BHC	4.411	3.814	82712159	32368937	36.012	31.094
7)	B delta-BHC	4.656	4.044	170.3E6	73228073	32.562m	29.935
8)	B Heptachlo...	5.578	4.644	150.4E6	67446684	31.924	30.309
9)	A Endosulfan I	5.964	5.015	142.0E6	77830125	31.803	36.013
10)	B gamma-Chl...	5.835	4.897	157.4E6	70552278	32.460	30.845
11)	B alpha-Chl...	5.916	4.961	152.6E6	74845577	31.743	32.428
12)	B 4,4'-DDE	6.098	5.160	132.1E6	58683093	31.867	29.556
13)	MA Dieldrin	6.242	5.282	146.0E6	65905831	31.469	29.584
14)	MA Endrin	6.472	5.558	124.0E6	58921816	32.225	29.525
15)	B Endosulfa...	6.693	5.854	119.3E6	54247542	29.753	27.862m
16)	A 4,4'-DDD	6.618	5.718	107.4E6	48310617	32.498	29.178
17)	MA 4,4'-DDT	6.935	5.971	114.8E6	51508661	30.535	27.928
18)	B Endrin al...	6.823	6.038	94381790	41570080	32.564m	28.325
19)	B Endosulfa...	7.061	6.261	126.1E6	56347911	32.120	29.912m
20)	A Methoxychlor	7.420	6.556	60183211	28205933	30.864	27.615
21)	B Endrin ke...	7.546	6.768	131.1E6	62459070	32.218m	29.341
22)	Mirex	8.025	6.950	106.6E6	51892607	31.645	29.167

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
Data File : PL087346.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Dec 2023 20:02
Operator : AR\AJ
Sample : 05900-08MS
Misc :
ALS Vial : 31 Sample Multiplier: 1

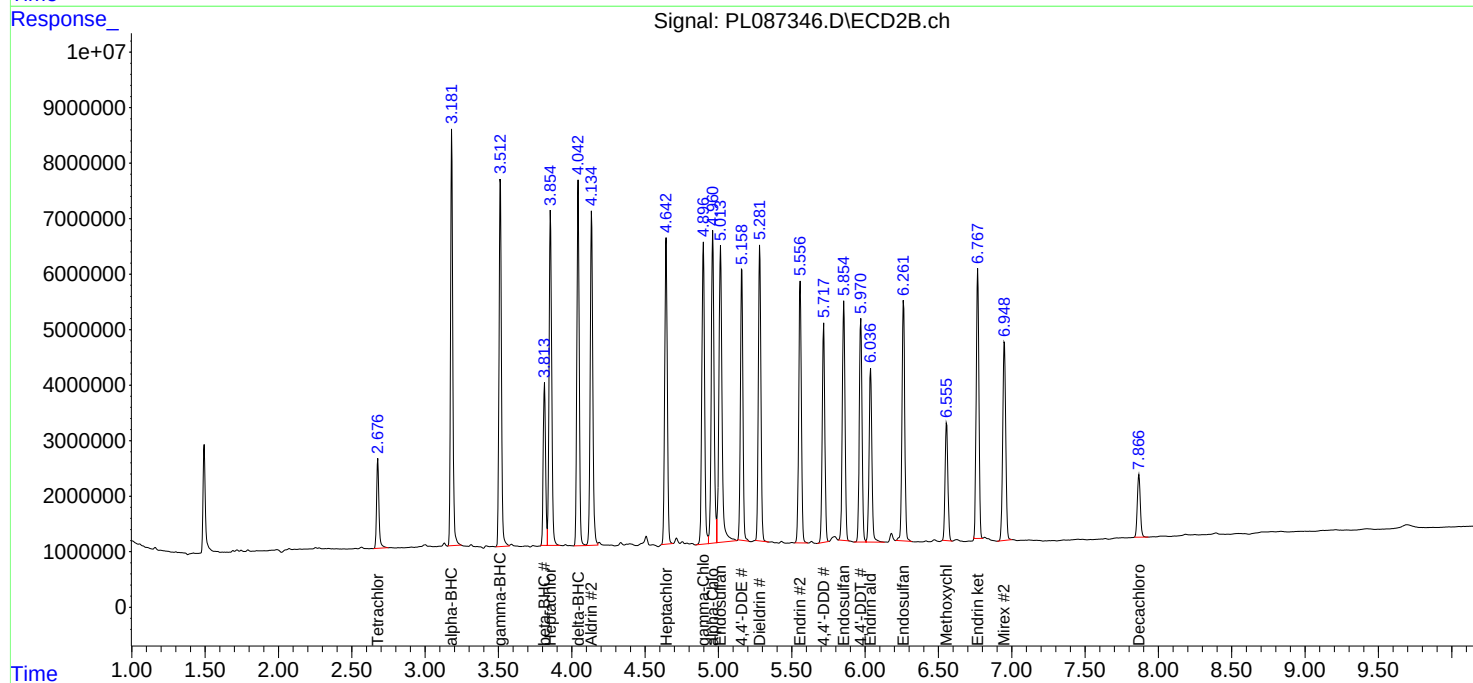
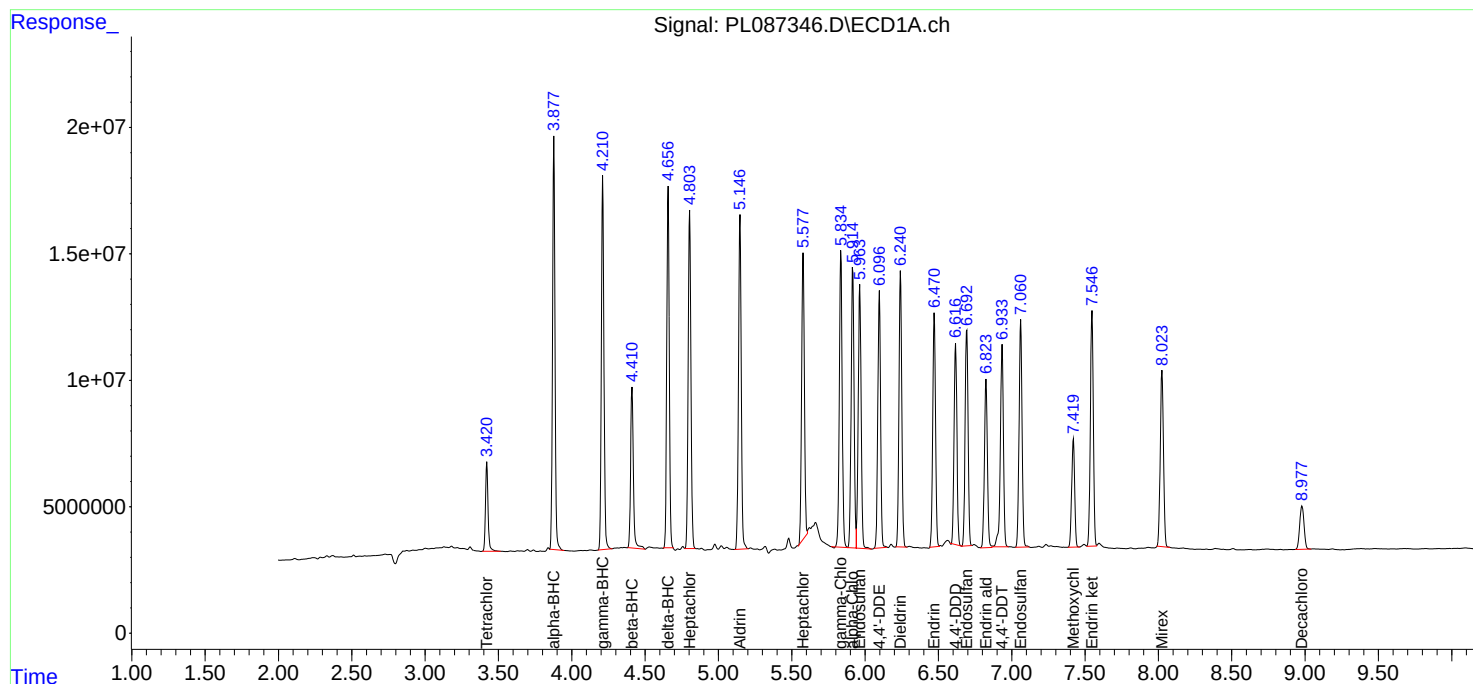
Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MS

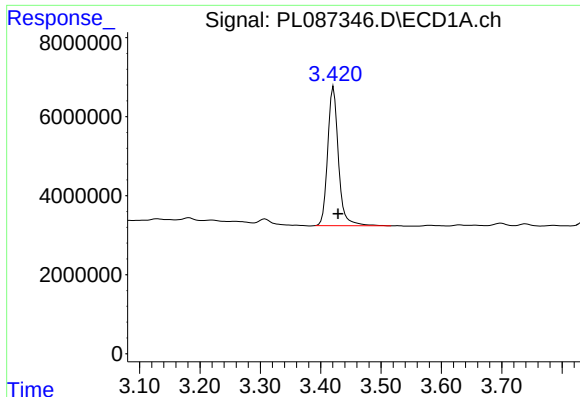
Manual Integrations
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Supervised By : Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 00:32:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
Quant Title : GC Extractables
QLast Update : Sat Dec 16 04:03:23 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





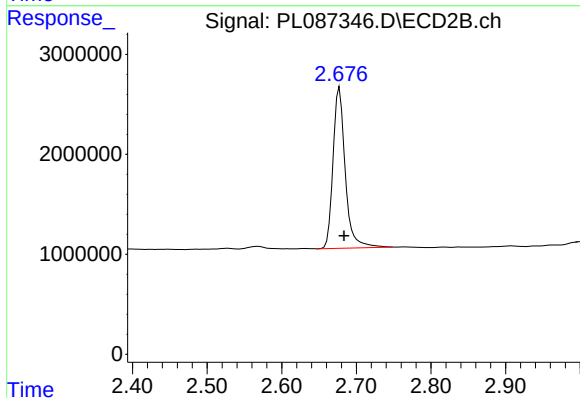
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: -0.008 min
Response: 43438138
Conc: 11.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MS

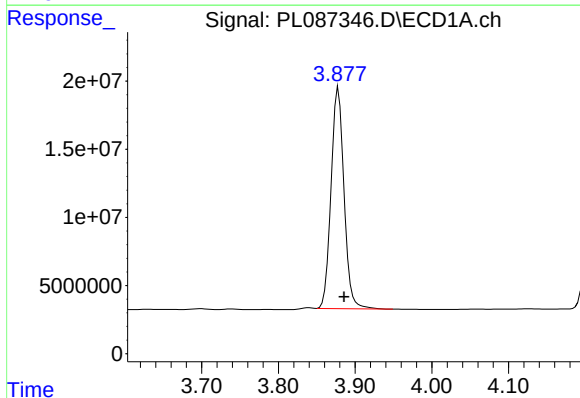
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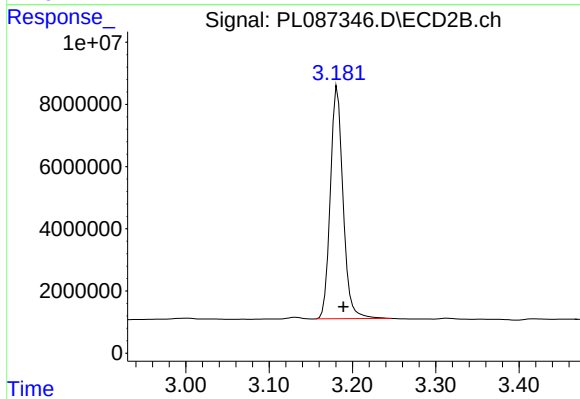
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.006 min
Response: 18321292
Conc: 10.88 ng/ml



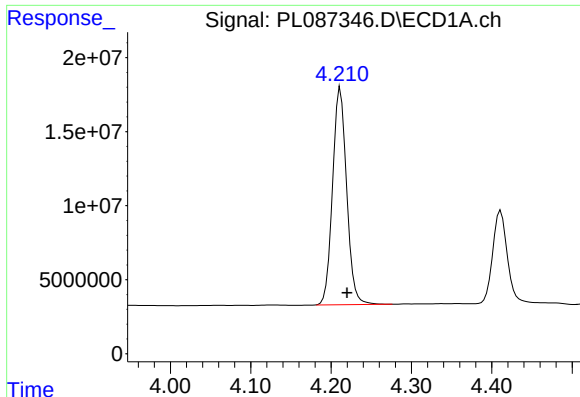
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.007 min
Response: 190308852
Conc: 35.15 ng/ml



#2 alpha-BHC

R.T.: 3.181 min
Delta R.T.: -0.008 min
Response: 79433733
Conc: 32.32 ng/ml m



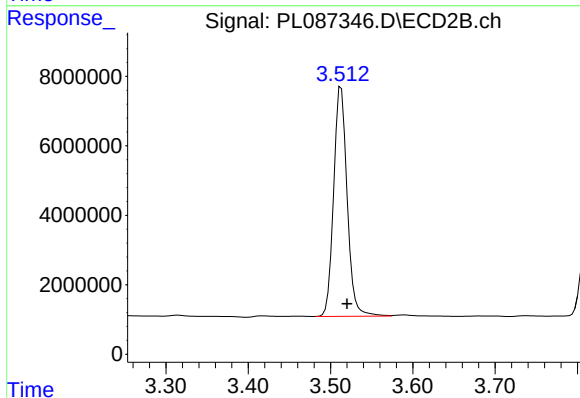
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 178950377
Conc: 34.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MS

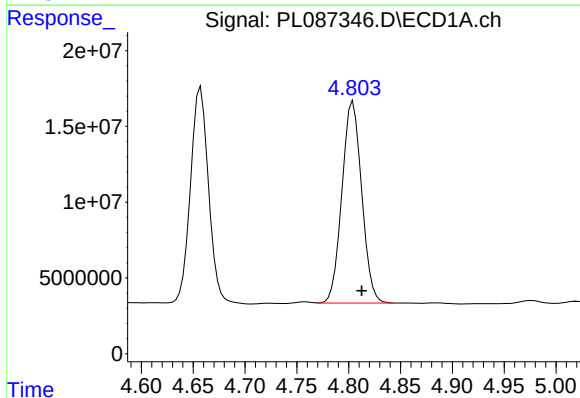
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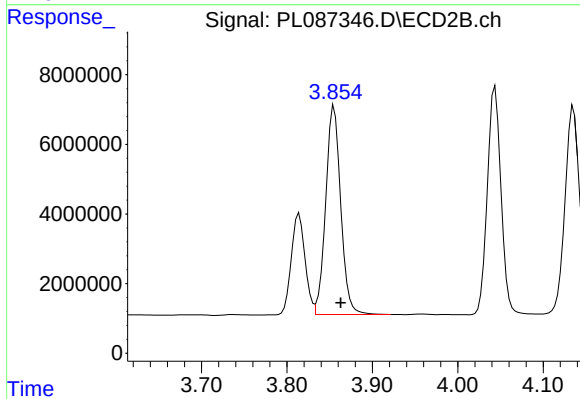
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 75259062
Conc: 31.07 ng/ml



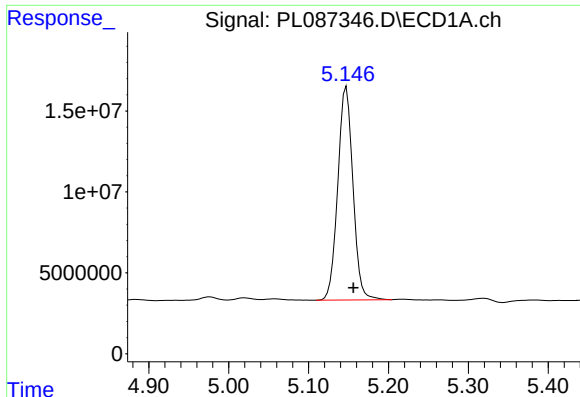
#4 Heptachlor

R.T.: 4.803 min
Delta R.T.: -0.010 min
Response: 176148406
Conc: 33.07 ng/ml m



#4 Heptachlor

R.T.: 3.855 min
Delta R.T.: -0.008 min
Response: 73370532
Conc: 30.70 ng/ml



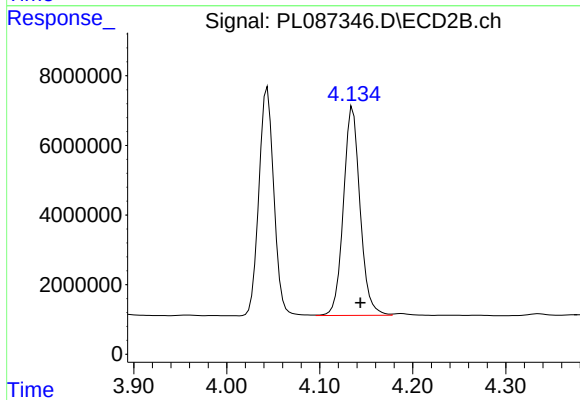
#5 Aldrin

R.T.: 5.147 min
Delta R.T.: -0.009 min
Response: 173673125
Conc: 33.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MS

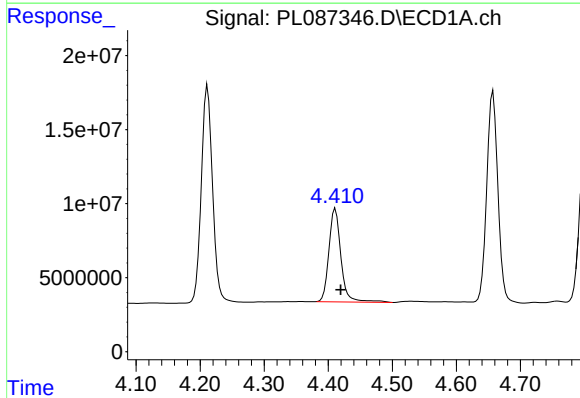
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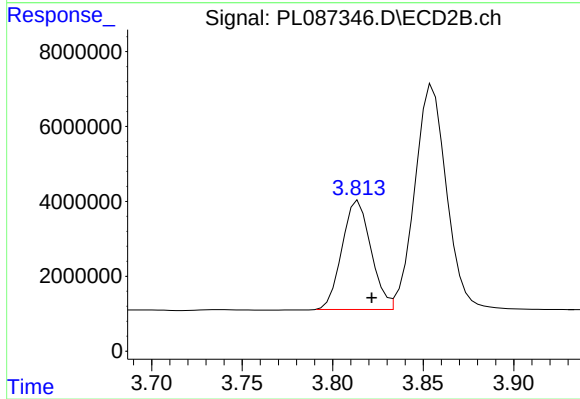
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.008 min
Response: 74528790
Conc: 31.08 ng/ml



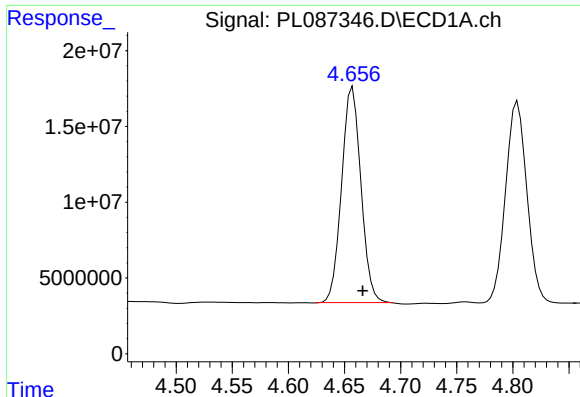
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.008 min
Response: 82712159
Conc: 36.01 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.007 min
Response: 32368937
Conc: 31.09 ng/ml



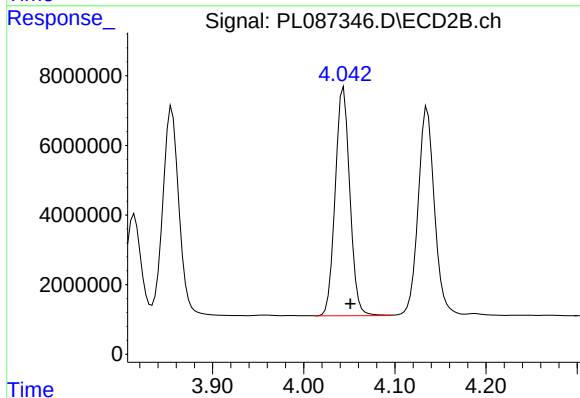
#7 delta-BHC

R.T.: 4.656 min
Delta R.T.: -0.010 min
Response: 170279717
Conc: 32.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MS

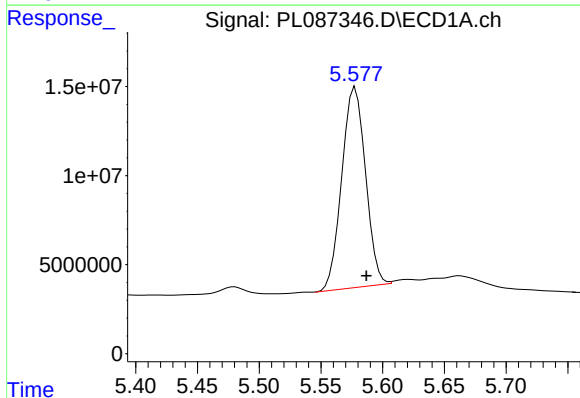
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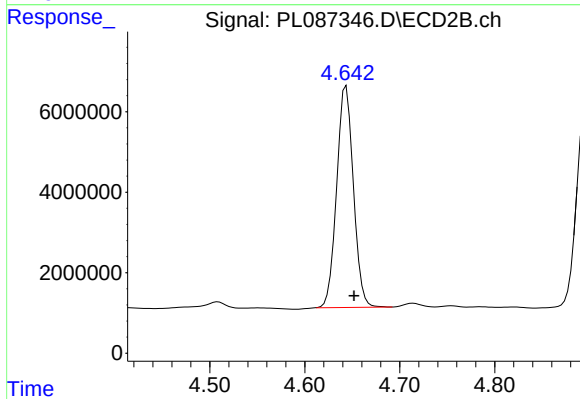
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.007 min
Response: 73228073
Conc: 29.94 ng/ml



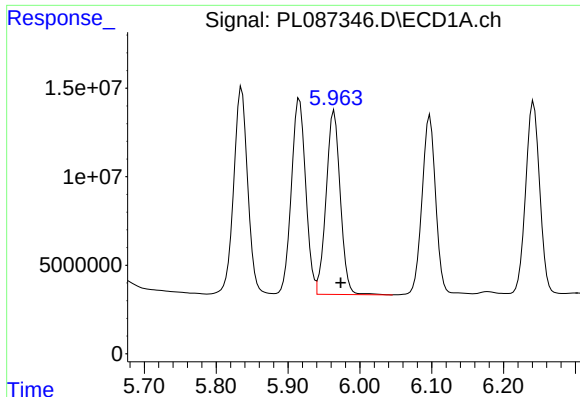
#8 Heptachlor epoxide

R.T.: 5.578 min
Delta R.T.: -0.009 min
Response: 150449521
Conc: 31.92 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 67446684
Conc: 30.31 ng/ml



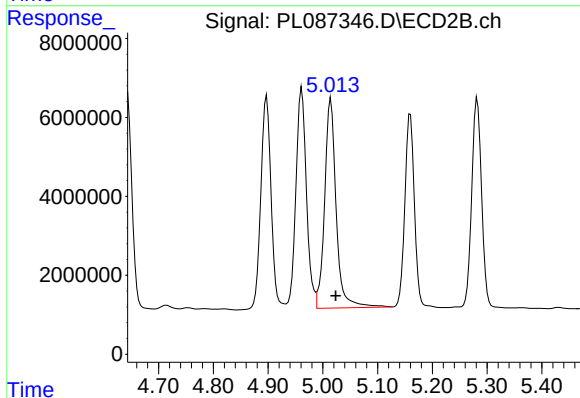
#9 Endosulfan I

R.T.: 5.964 min
Delta R.T.: -0.009 min
Response: 142043006
Conc: 31.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MS

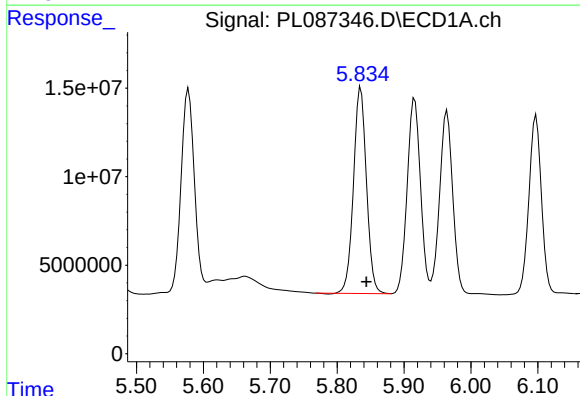
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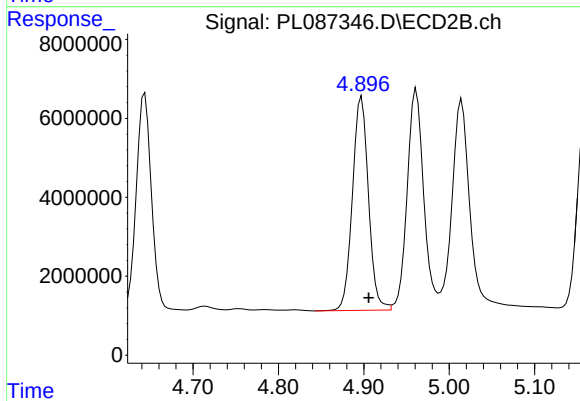
#9 Endosulfan I

R.T.: 5.015 min
Delta R.T.: -0.009 min
Response: 77830125
Conc: 36.01 ng/ml



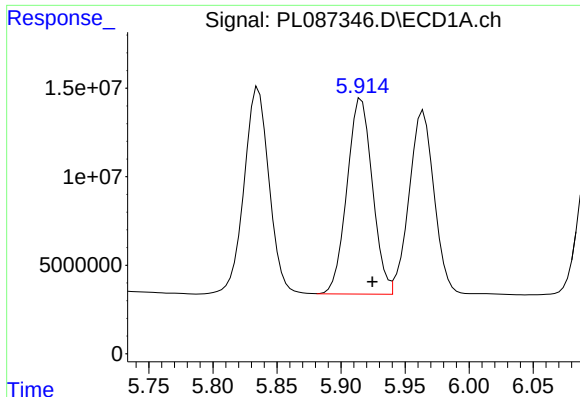
#10 gamma-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.008 min
Response: 157366371
Conc: 32.46 ng/ml



#10 gamma-Chlordane

R.T.: 4.897 min
Delta R.T.: -0.008 min
Response: 70552278
Conc: 30.84 ng/ml



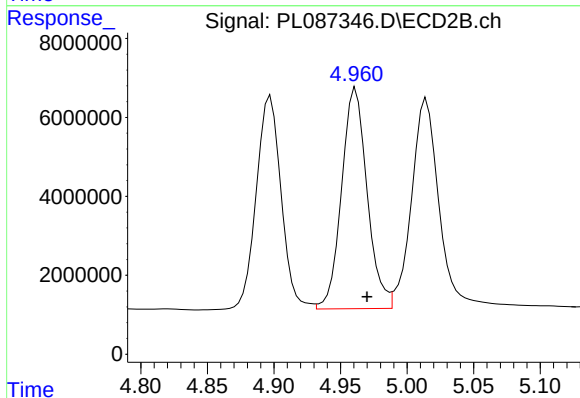
#11 alpha-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.009 min
Response: 152561844
Conc: 31.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MS

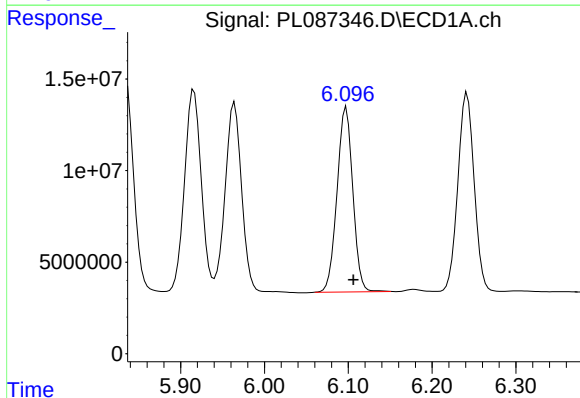
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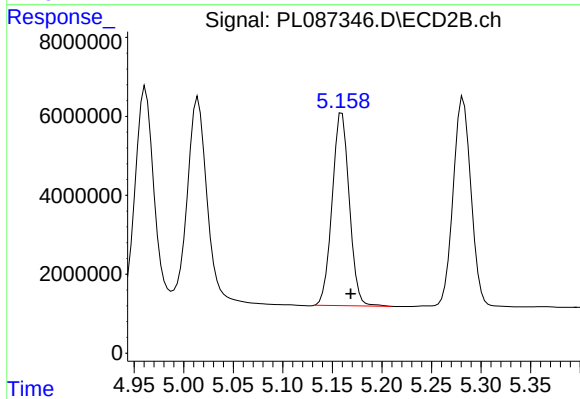
#11 alpha-Chlordane

R.T.: 4.961 min
Delta R.T.: -0.009 min
Response: 74845577
Conc: 32.43 ng/ml



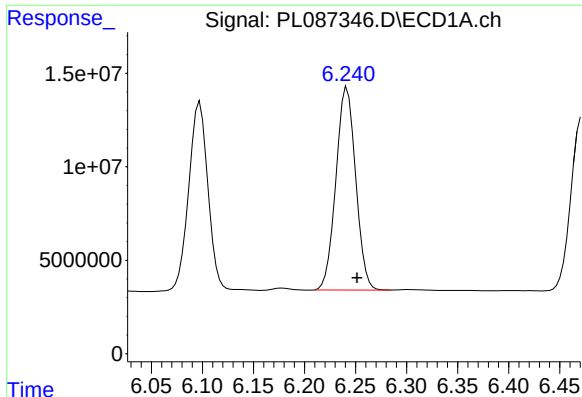
#12 4,4'-DDE

R.T.: 6.098 min
Delta R.T.: -0.008 min
Response: 132057384
Conc: 31.87 ng/ml



#12 4,4'-DDE

R.T.: 5.160 min
Delta R.T.: -0.009 min
Response: 58683093
Conc: 29.56 ng/ml



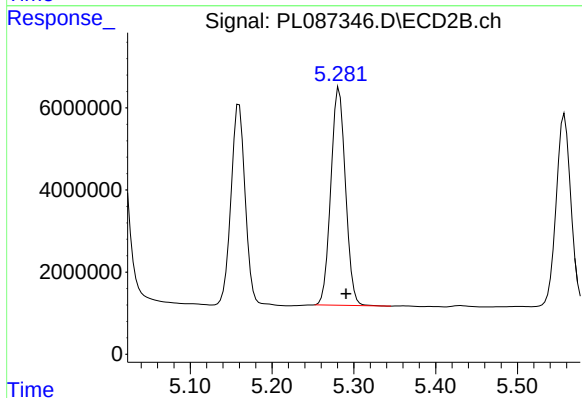
#13 Dieldrin

R.T.: 6.242 min
Delta R.T.: -0.010 min
Response: 146044130
Conc: 31.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MS

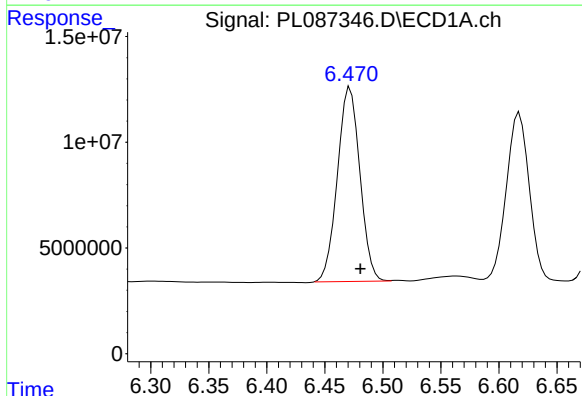
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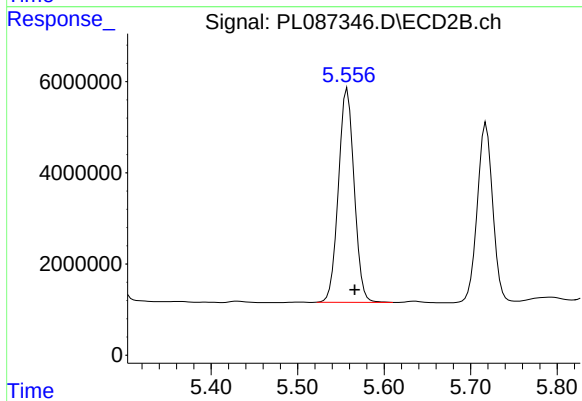
#13 Dieldrin

R.T.: 5.282 min
Delta R.T.: -0.009 min
Response: 65905831
Conc: 29.58 ng/ml



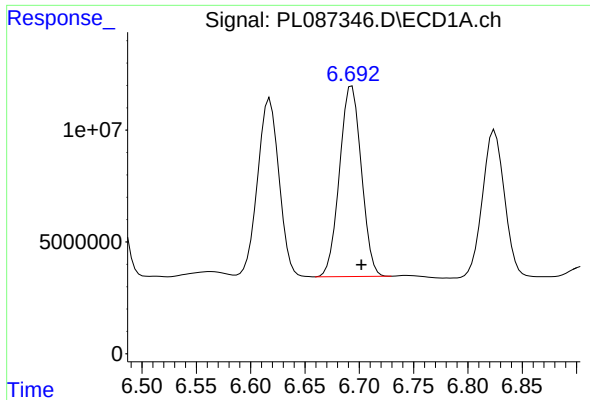
#14 Endrin

R.T.: 6.472 min
Delta R.T.: -0.009 min
Response: 123982689
Conc: 32.23 ng/ml



#14 Endrin

R.T.: 5.558 min
Delta R.T.: -0.009 min
Response: 58921816
Conc: 29.53 ng/ml



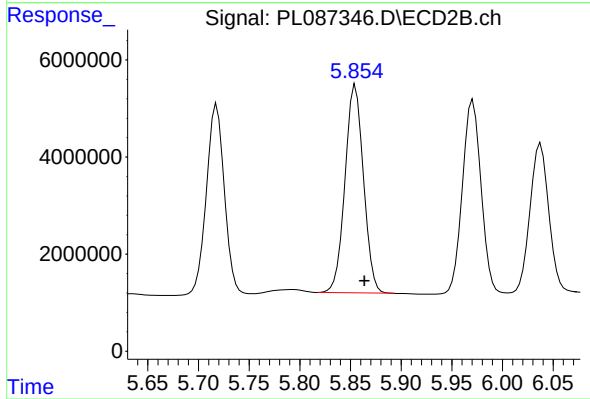
#15 Endosulfan II

R.T.: 6.693 min
Delta R.T.: -0.009 min
Response: 119319468
Conc: 29.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MS

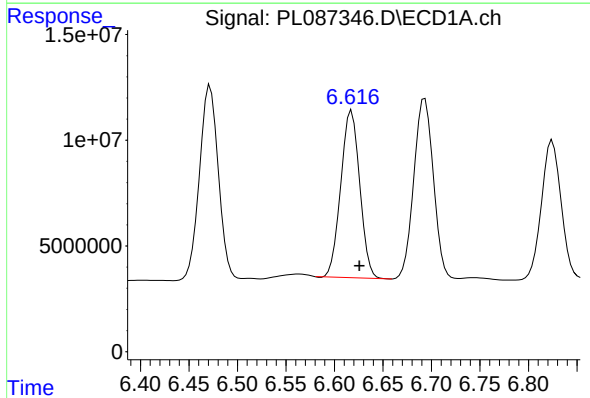
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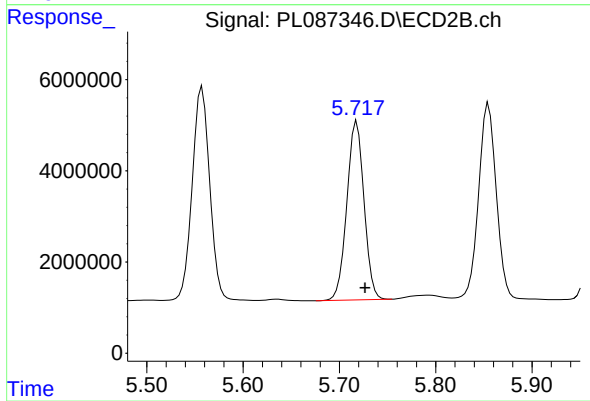
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.010 min
Response: 54247542
Conc: 27.86 ng/ml m



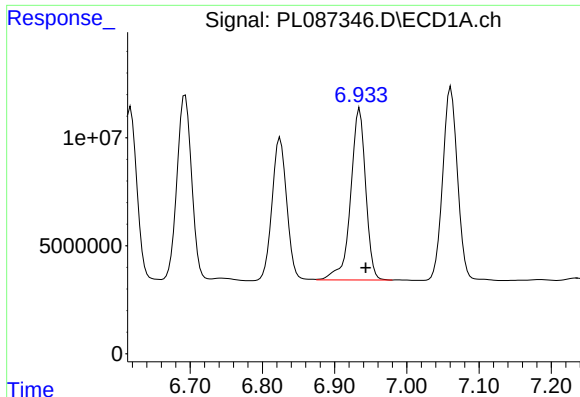
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 107410863
Conc: 32.50 ng/ml



#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: -0.009 min
Response: 48310617
Conc: 29.18 ng/ml



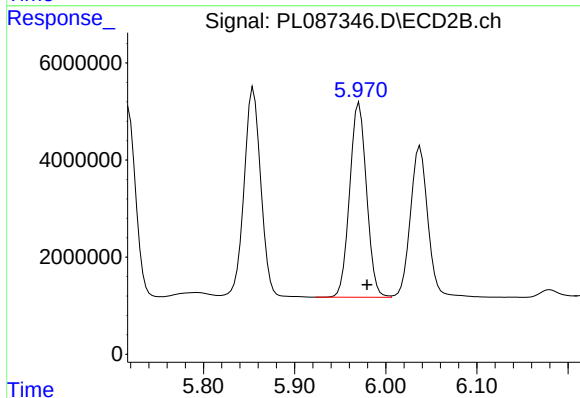
#17 4,4'-DDT

R.T.: 6.935 min
Delta R.T.: -0.009 min
Response: 114818607
Conc: 30.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MS

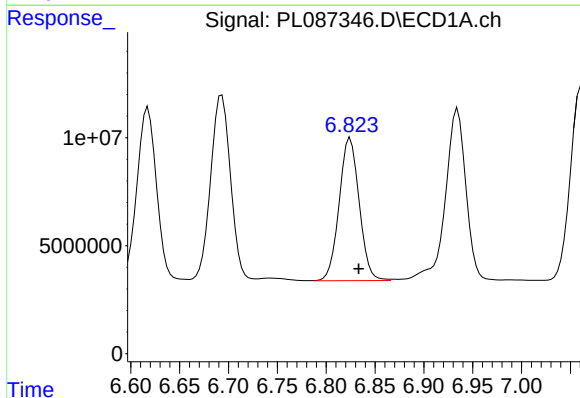
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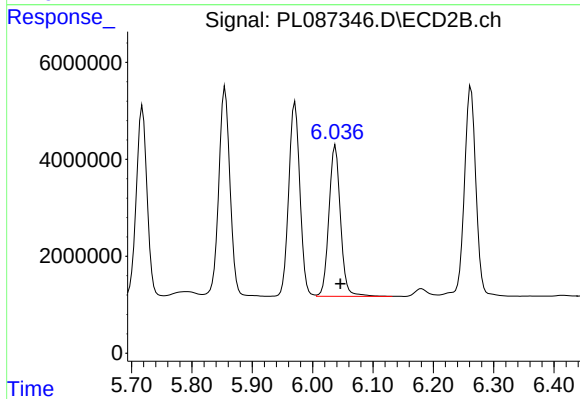
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: -0.009 min
Response: 51508661
Conc: 27.93 ng/ml



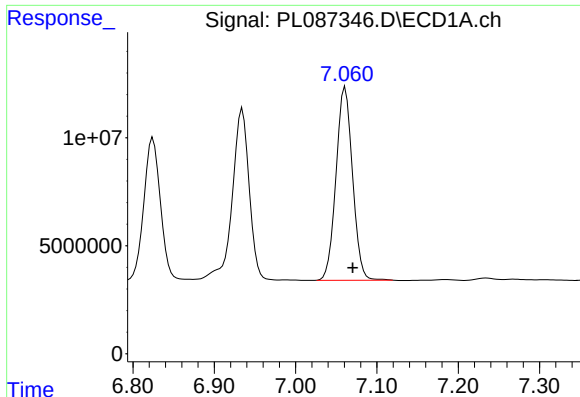
#18 Endrin aldehyde

R.T.: 6.823 min
Delta R.T.: -0.010 min
Response: 94381790
Conc: 32.56 ng/ml m



#18 Endrin aldehyde

R.T.: 6.038 min
Delta R.T.: -0.008 min
Response: 41570080
Conc: 28.32 ng/ml



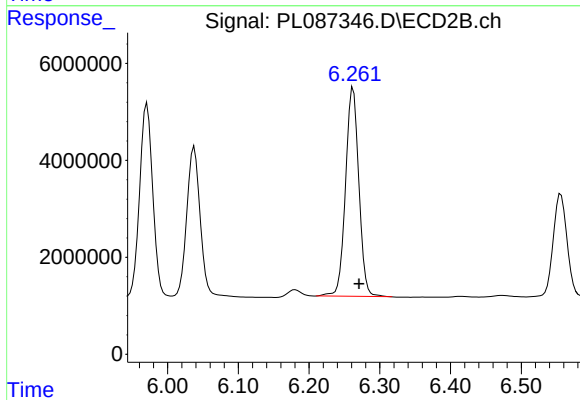
#19 Endosulfan Sulfate

R.T.: 7.061 min
Delta R.T.: -0.009 min
Response: 126129960
Conc: 32.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MS

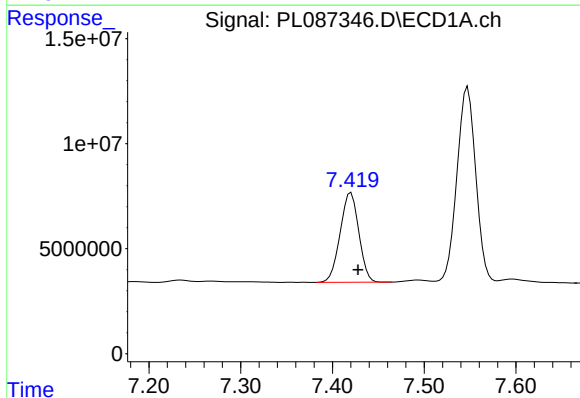
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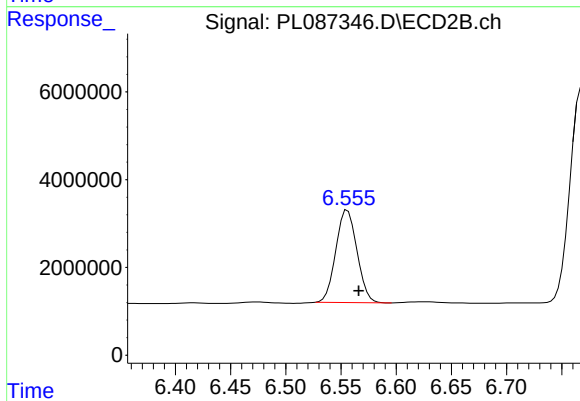
#19 Endosulfan Sulfate

R.T.: 6.261 min
Delta R.T.: -0.010 min
Response: 56347911
Conc: 29.91 ng/ml m



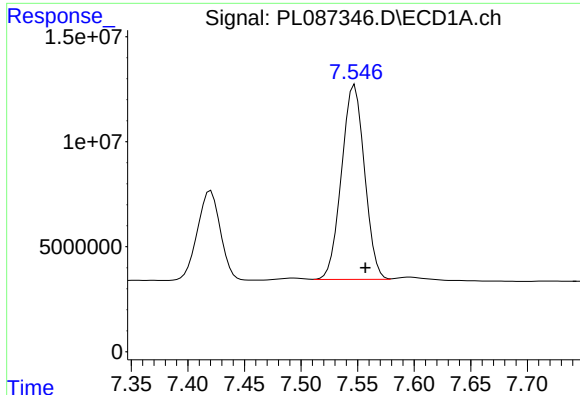
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: -0.008 min
Response: 60183211
Conc: 30.86 ng/ml



#20 Methoxychlor

R.T.: 6.556 min
Delta R.T.: -0.010 min
Response: 28205933
Conc: 27.62 ng/ml



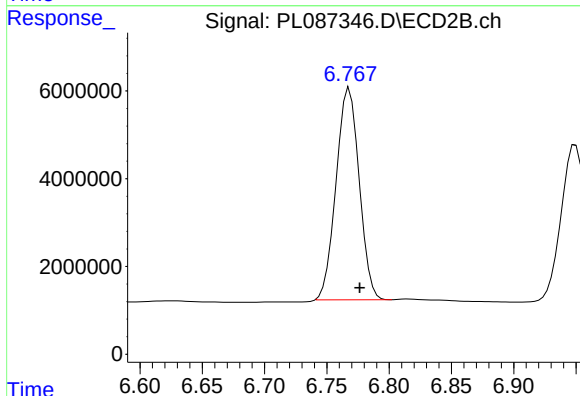
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.011 min
Response: 131070868
Conc: 32.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MS

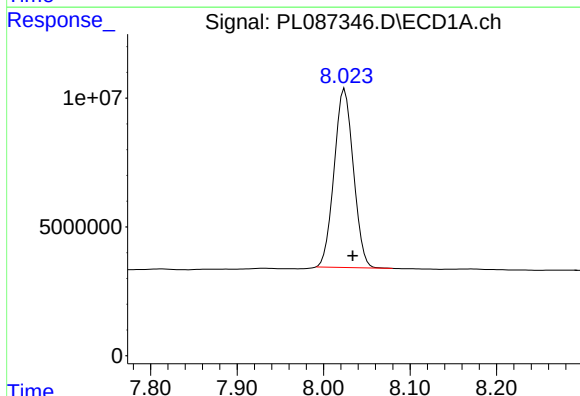
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/22/2023
Supervised By :Ankita Jodhani 12/26/2023



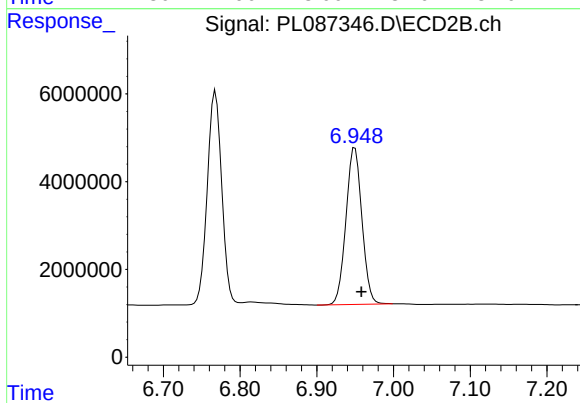
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.008 min
Response: 62459070
Conc: 29.34 ng/ml



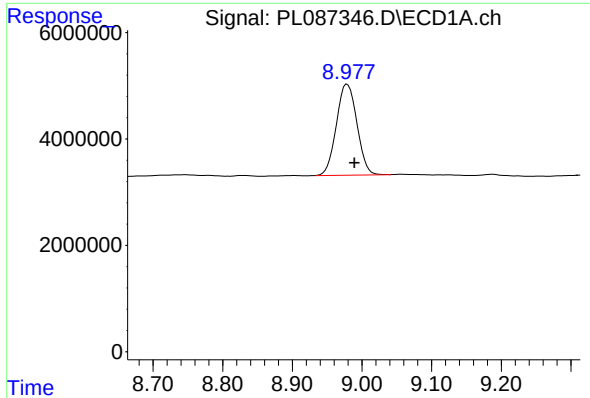
#22 Mirex

R.T.: 8.025 min
Delta R.T.: -0.009 min
Response: 106581631
Conc: 31.65 ng/ml



#22 Mirex

R.T.: 6.950 min
Delta R.T.: -0.009 min
Response: 51892607
Conc: 29.17 ng/ml



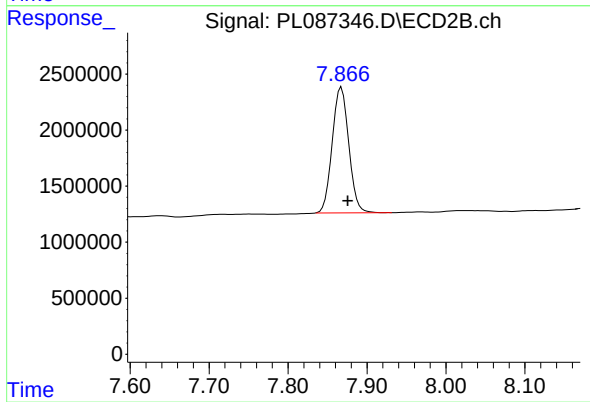
#28 Decachlorobiphenyl

R.T.: 8.979 min
Delta R.T.: -0.010 min
Response: 35186386
Conc: 10.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MS

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#28 Decachlorobiphenyl

R.T.: 7.868 min
Delta R.T.: -0.008 min
Response: 16375115
Conc: 9.70 ng/ml