

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
 Data File : PL087347.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2023 20:16
 Operator : AR\AJ
 Sample : 05900-08MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 GHL-SS-61MSD

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 01:35:10 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...	3.422	2.677	42875364	18279286	11.393	10.859
28)	SA Decachlor...	8.980	7.867	35301480	16433350	10.353	9.730
Target Compounds							
2)	A alpha-BHC	3.878	3.180	190.3E6	79073699	35.145	32.175m
3)	MA gamma-BHC...	4.212	3.513	179.2E6	75350085	34.093	31.106
4)	MA Heptachlor	4.804	3.855	178.4E6	74118330	33.501m	31.008
5)	MB Aldrin	5.147	4.136	174.2E6	74737175	33.454	31.170
6)	B beta-BHC	4.410	3.814	81754662	32212573	35.595m	30.944
7)	B delta-BHC	4.657	4.043	171.3E6	73097298	32.766m	29.882
8)	B Heptachlo...	5.578	4.644	151.1E6	67289751	32.064	30.238
9)	A Endosulfan I	5.965	5.015	141.0E6	75228778	31.559	34.809
10)	B gamma-Chl...	5.835	4.897	158.6E6	69901720	32.708	30.560
11)	B alpha-Chl...	5.916	4.962	153.7E6	74667489	31.986	32.351
12)	B 4,4'-DDE	6.097	5.160	131.1E6	58489868	31.628	29.458
13)	MA Dieldrin	6.243	5.282	145.5E6	65706612	31.355	29.494
14)	MA Endrin	6.472	5.557	123.8E6	58584778	32.172	29.356
15)	B Endosulfa...	6.694	5.854	119.4E6	54702753	29.781	28.096m
16)	A 4,4'-DDD	6.618	5.717	107.5E6	47957908	32.520	28.965
17)	MA 4,4'-DDT	6.934	5.970	114.8E6	51672492	30.517	28.017
18)	B Endrin al...	6.823	6.037	94042704	42114402	32.447m	28.696
19)	B Endosulfa...	7.062	6.262	126.8E6	54476826	32.293	28.918
20)	A Methoxychlor	7.419	6.556	60419392	28202289	30.986	27.612
21)	B Endrin ke...	7.546	6.767	130.3E6	62173995	32.021m	29.208
22)	Mirex	8.024	6.949	107.0E6	51620273	31.784	29.014

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
Data File : PL087347.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Dec 2023 20:16
Operator : AR\AJ
Sample : 05900-08MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

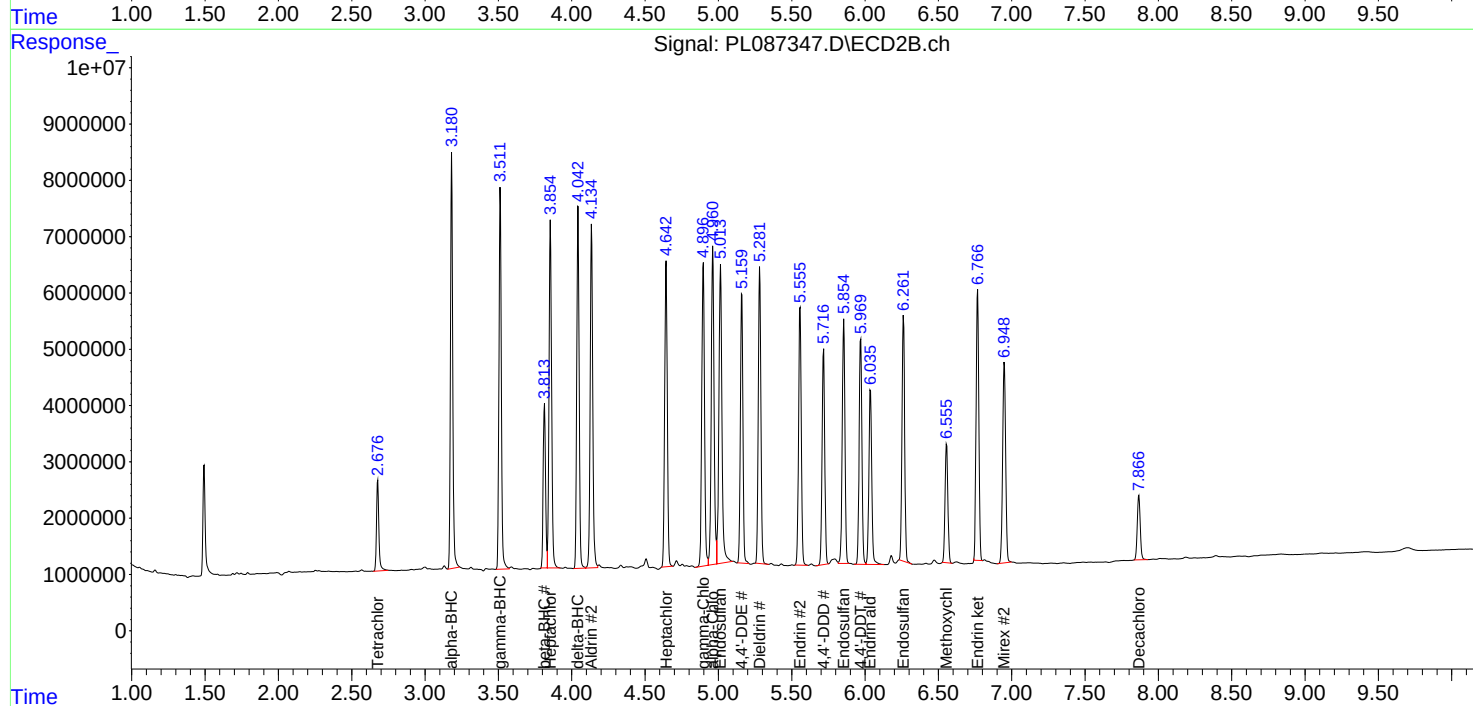
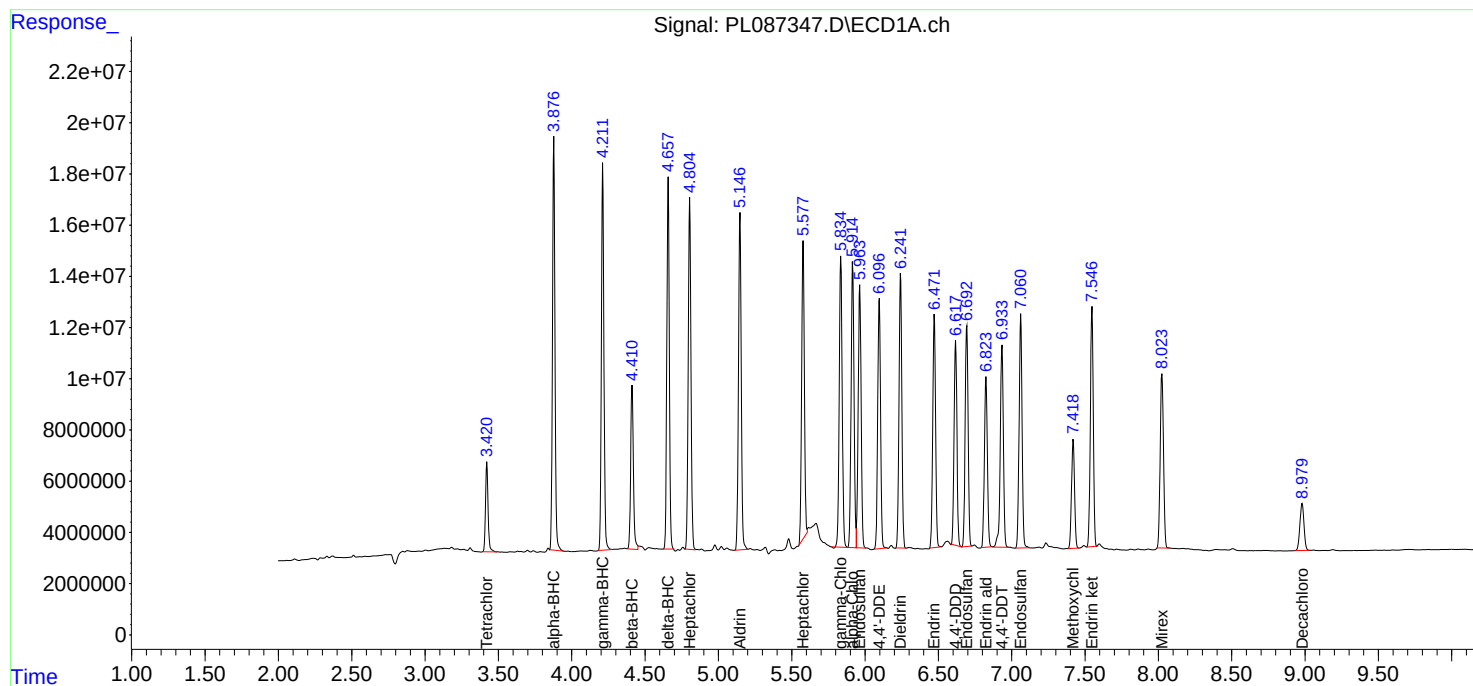
Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MSD

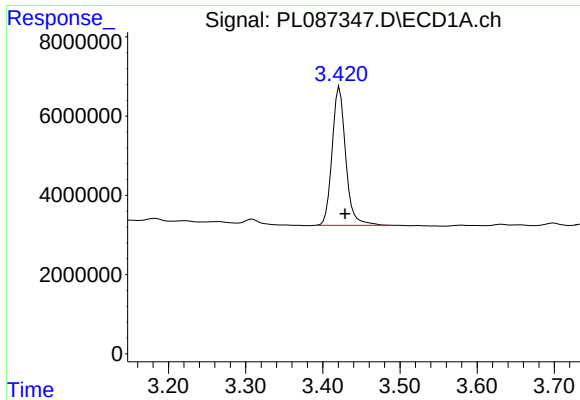
Manual Integrations
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Supervised By : Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 01:35:10 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





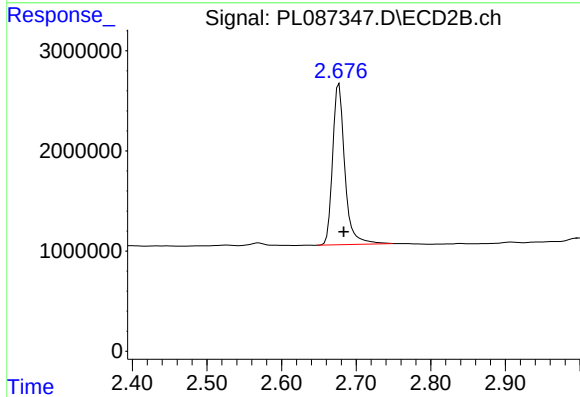
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 42875364
Conc: 11.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MSD

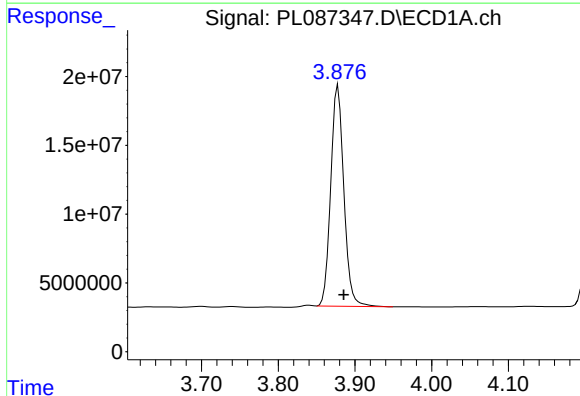
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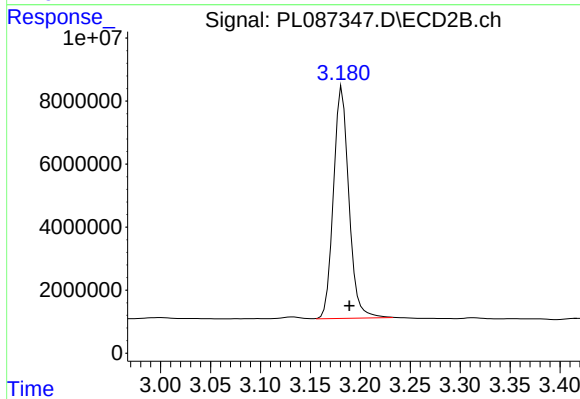
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.006 min
Response: 18279286
Conc: 10.86 ng/ml



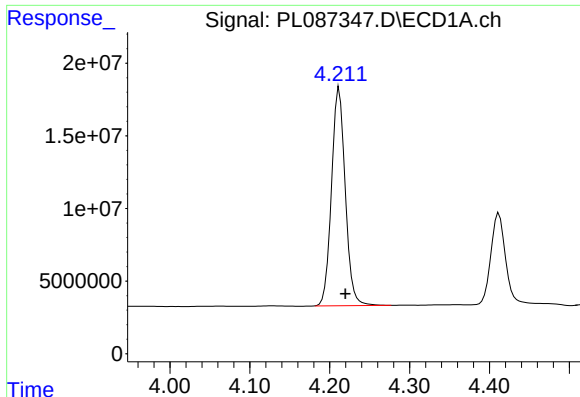
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.007 min
Response: 190279748
Conc: 35.14 ng/ml



#2 alpha-BHC

R.T.: 3.180 min
Delta R.T.: -0.009 min
Response: 79073699
Conc: 32.18 ng/ml m



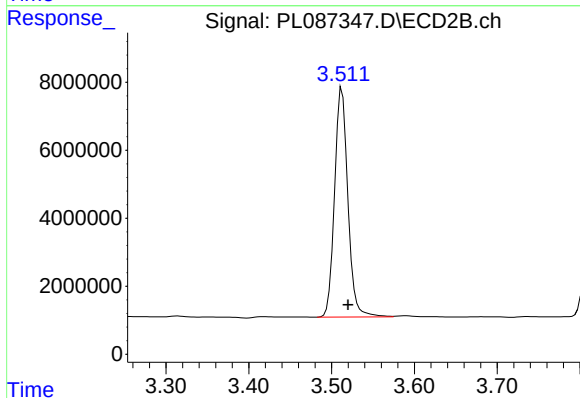
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 179180549
Conc: 34.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MSD

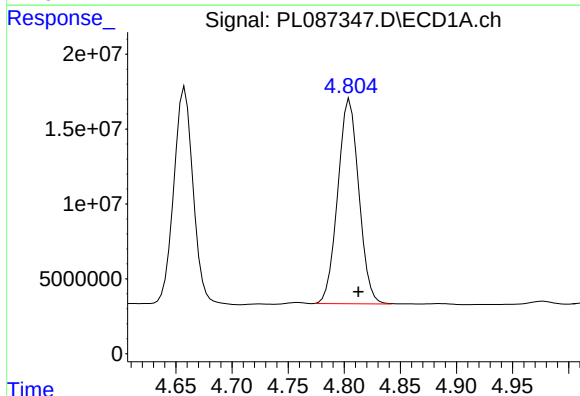
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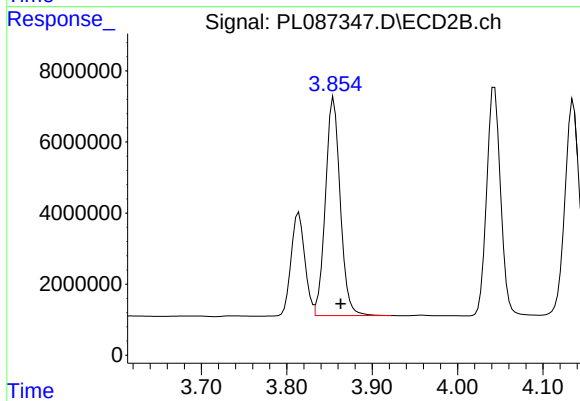
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 75350085
Conc: 31.11 ng/ml



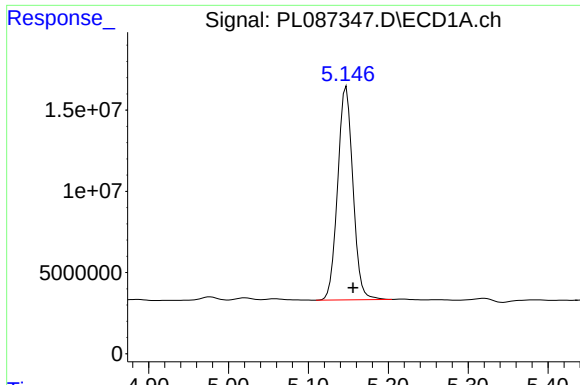
#4 Heptachlor

R.T.: 4.804 min
Delta R.T.: -0.009 min
Response: 178444196
Conc: 33.50 ng/ml m



#4 Heptachlor

R.T.: 3.855 min
Delta R.T.: -0.008 min
Response: 74118330
Conc: 31.01 ng/ml



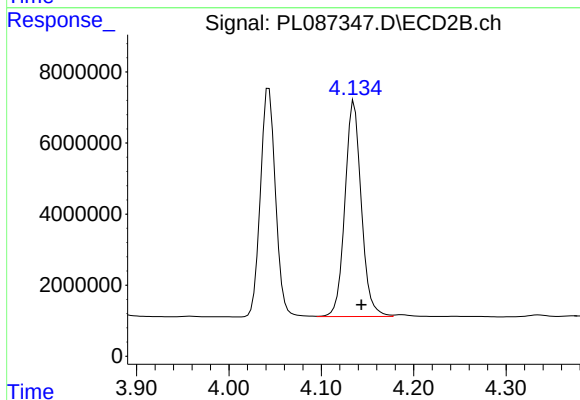
#5 Aldrin

R.T.: 5.147 min
Delta R.T.: -0.009 min
Response: 174175292
Conc: 33.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MSD

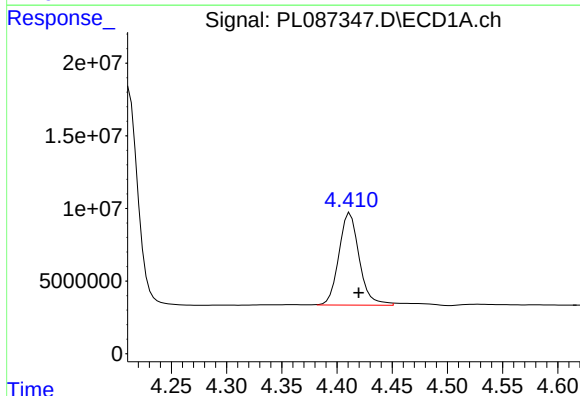
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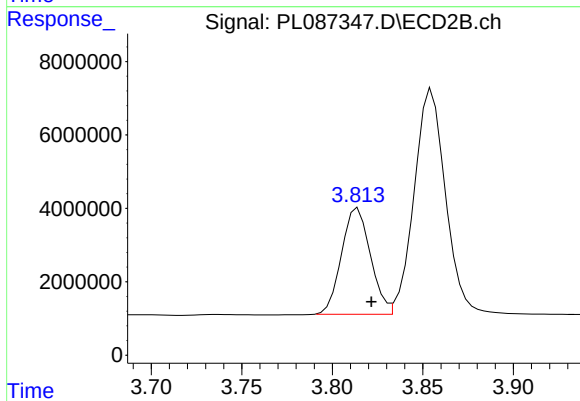
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.008 min
Response: 74737175
Conc: 31.17 ng/ml



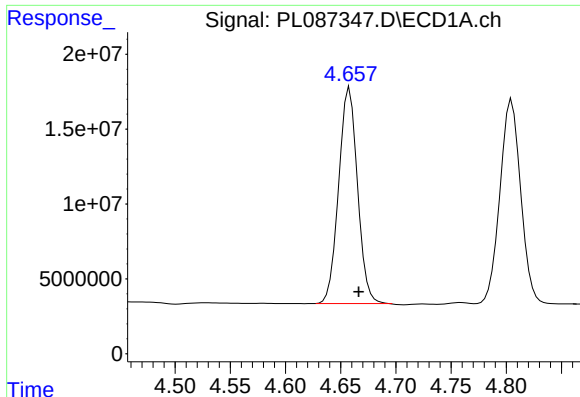
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: -0.009 min
Response: 81754662
Conc: 35.60 ng/ml m



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.007 min
Response: 32212573
Conc: 30.94 ng/ml



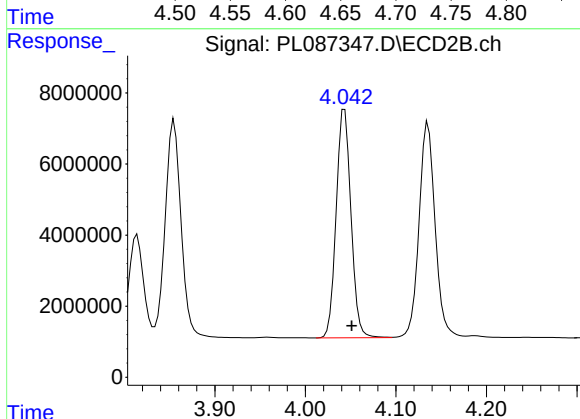
#7 delta-BHC

R.T.: 4.657 min
Delta R.T.: -0.010 min
Response: 171346611
Conc: 32.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MSD

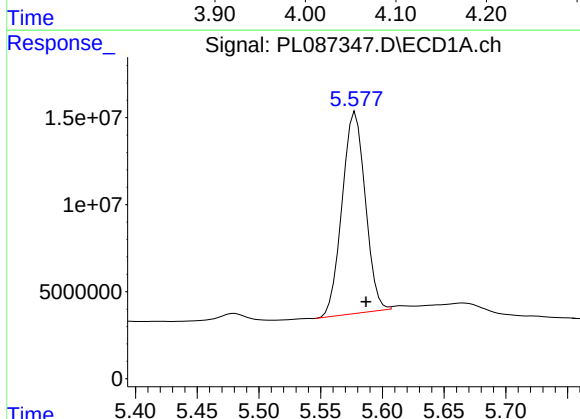
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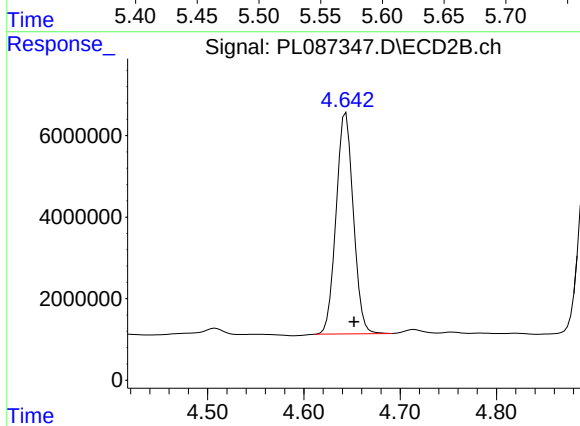
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.008 min
Response: 73097298
Conc: 29.88 ng/ml



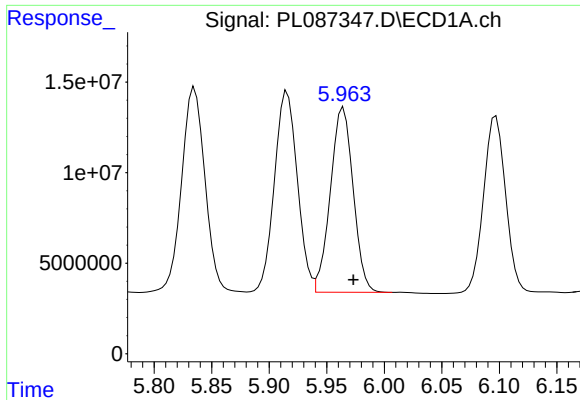
#8 Heptachlor epoxide

R.T.: 5.578 min
Delta R.T.: -0.009 min
Response: 151112893
Conc: 32.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 67289751
Conc: 30.24 ng/ml



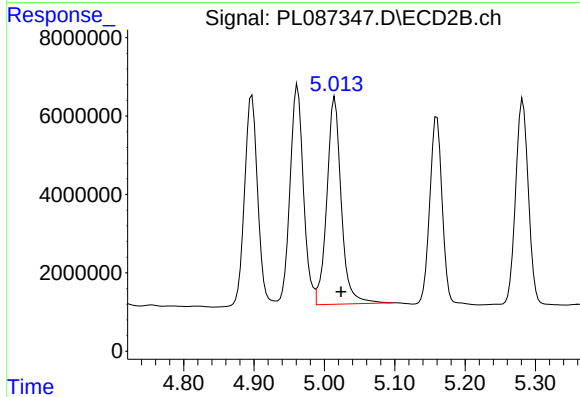
#9 Endosulfan I

R.T.: 5.965 min
Delta R.T.: -0.009 min
Response: 140953361
Conc: 31.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MSD

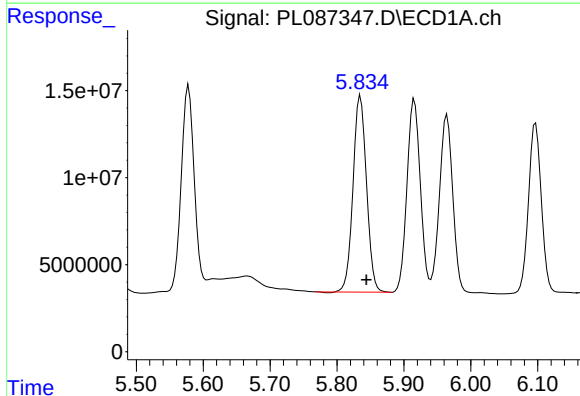
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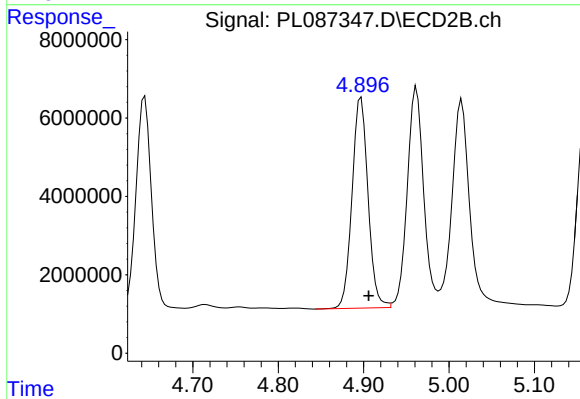
#9 Endosulfan I

R.T.: 5.015 min
Delta R.T.: -0.009 min
Response: 75228778
Conc: 34.81 ng/ml



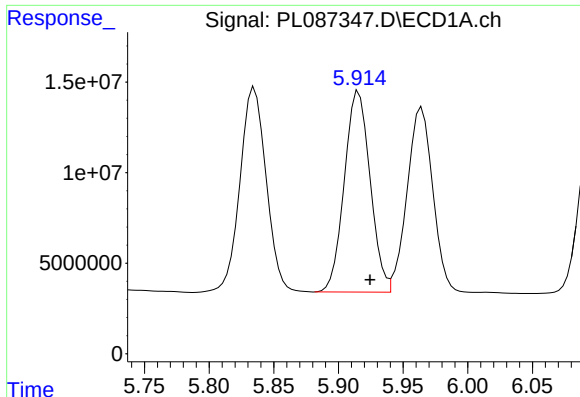
#10 gamma-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.009 min
Response: 158568412
Conc: 32.71 ng/ml



#10 gamma-Chlordane

R.T.: 4.897 min
Delta R.T.: -0.009 min
Response: 69901720
Conc: 30.56 ng/ml



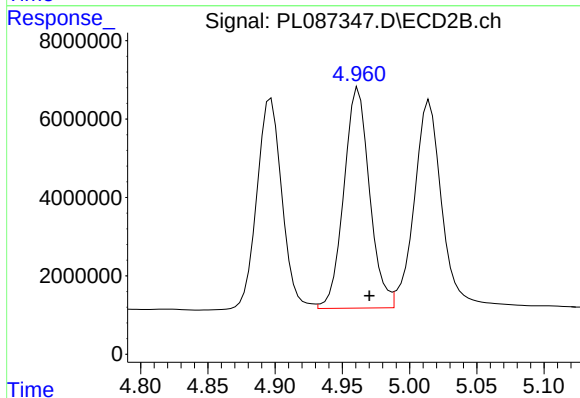
#11 alpha-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.009 min
Response: 153730693
Conc: 31.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MSD

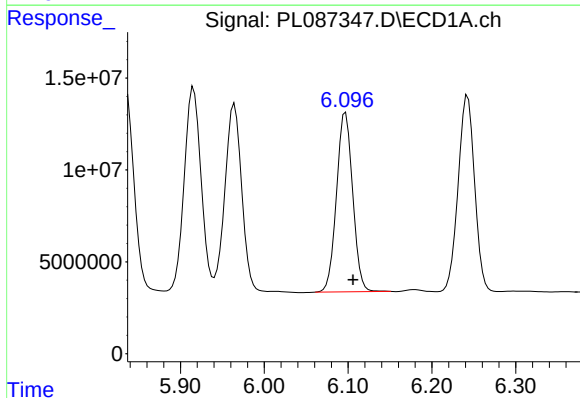
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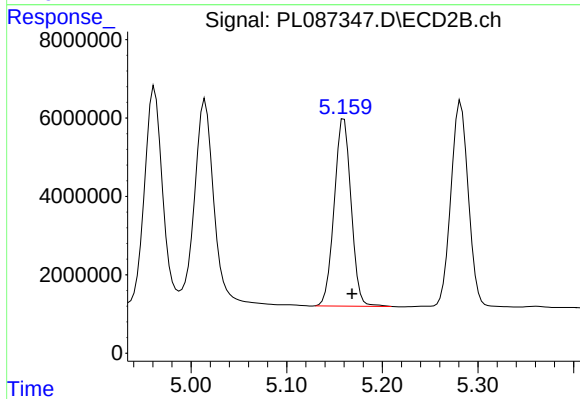
#11 alpha-Chlordane

R.T.: 4.962 min
Delta R.T.: -0.008 min
Response: 74667489
Conc: 32.35 ng/ml



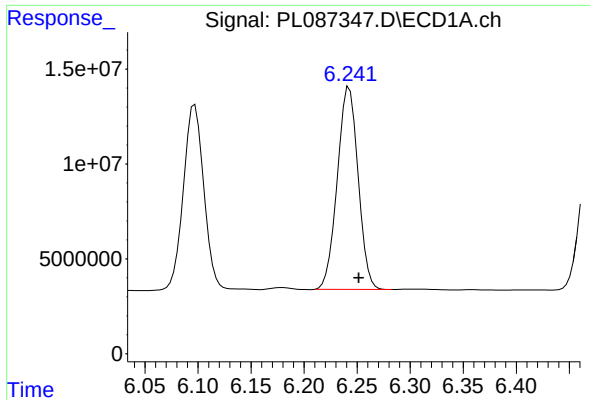
#12 4,4'-DDE

R.T.: 6.097 min
Delta R.T.: -0.009 min
Response: 131068173
Conc: 31.63 ng/ml



#12 4,4'-DDE

R.T.: 5.160 min
Delta R.T.: -0.009 min
Response: 58489868
Conc: 29.46 ng/ml



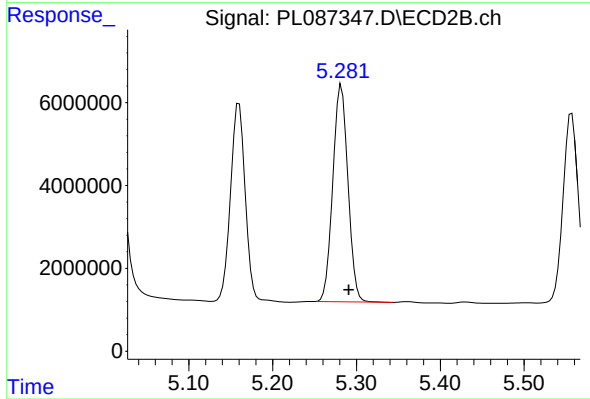
#13 Dieldrin

R.T.: 6.243 min
Delta R.T.: -0.009 min
Response: 145515421
Conc: 31.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MSD

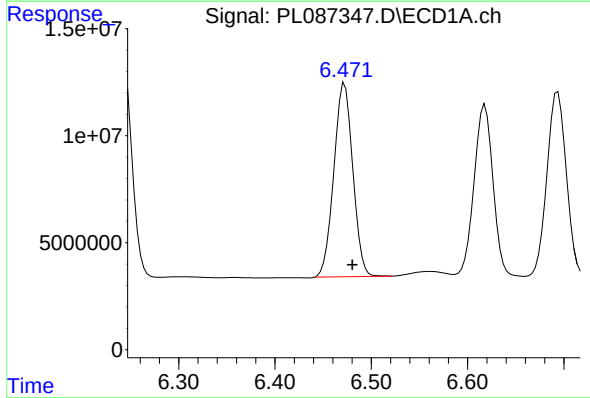
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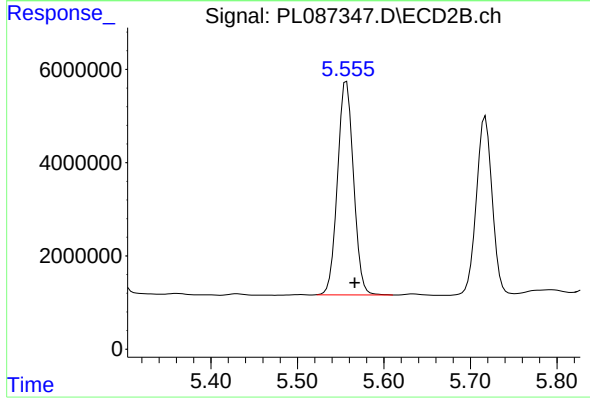
#13 Dieldrin

R.T.: 5.282 min
Delta R.T.: -0.009 min
Response: 65706612
Conc: 29.49 ng/ml



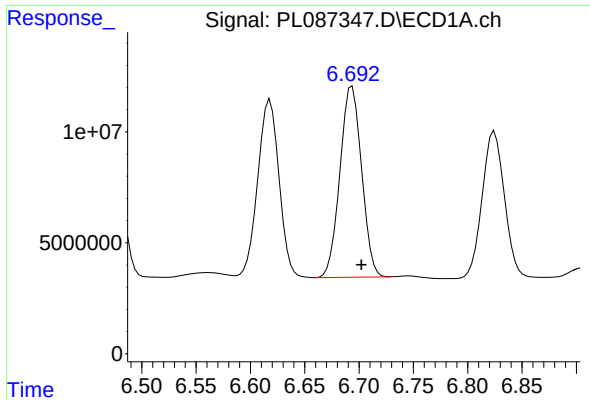
#14 Endrin

R.T.: 6.472 min
Delta R.T.: -0.008 min
Response: 123775852
Conc: 32.17 ng/ml



#14 Endrin

R.T.: 5.557 min
Delta R.T.: -0.009 min
Response: 58584778
Conc: 29.36 ng/ml



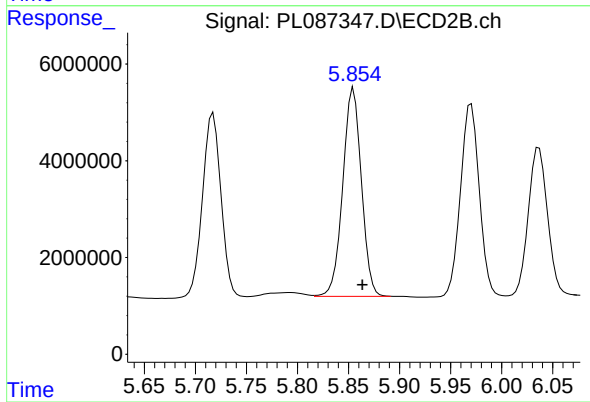
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: -0.008 min
Response: 119434864
Conc: 29.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MSD

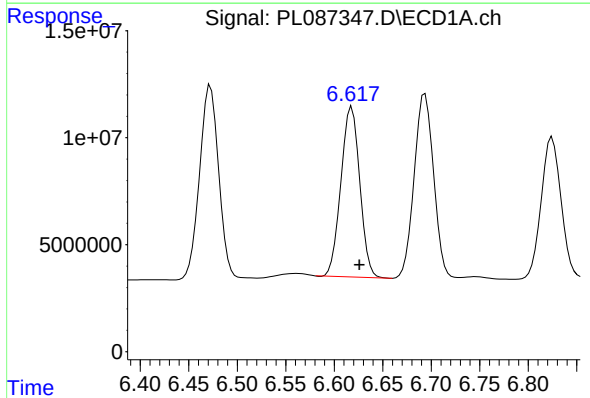
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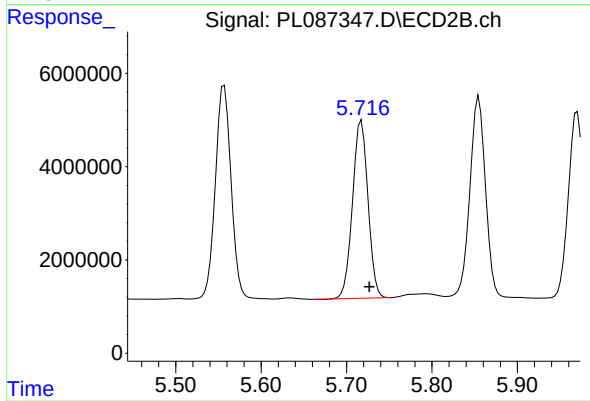
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.010 min
Response: 54702753
Conc: 28.10 ng/ml m



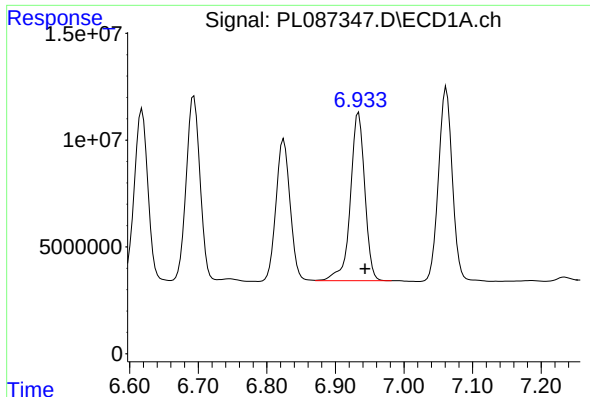
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 107482703
Conc: 32.52 ng/ml



#16 4,4'-DDD

R.T.: 5.717 min
Delta R.T.: -0.009 min
Response: 47957908
Conc: 28.96 ng/ml



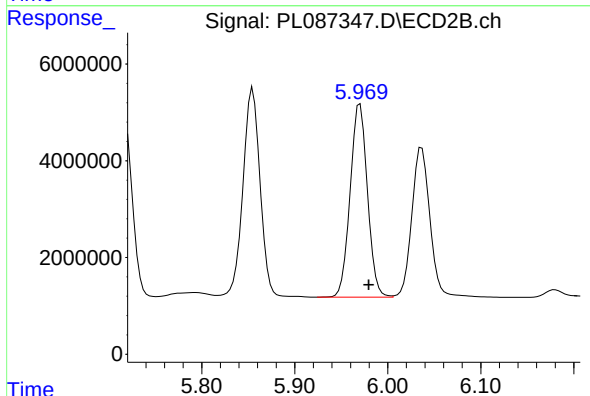
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: -0.009 min
Response: 114751968
Conc: 30.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MSD

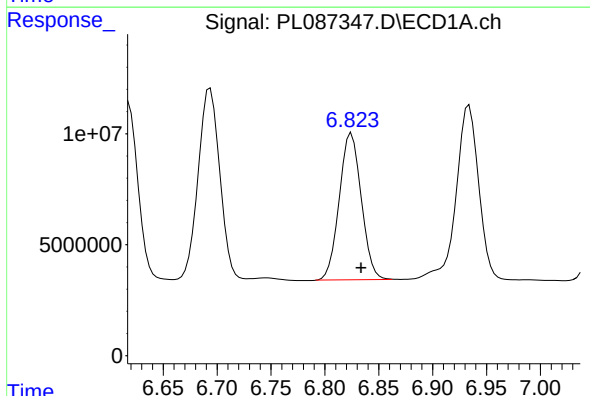
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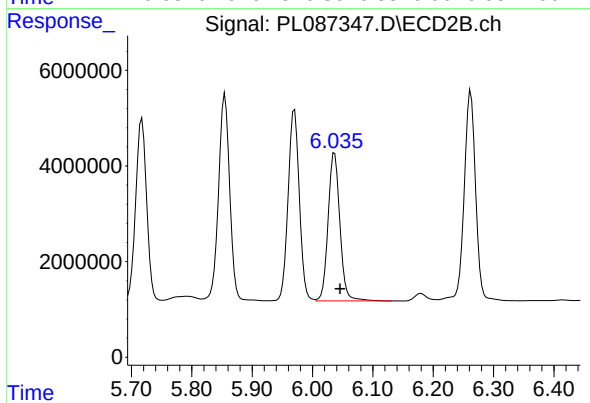
#17 4,4'-DDT

R.T.: 5.970 min
Delta R.T.: -0.009 min
Response: 51672492
Conc: 28.02 ng/ml



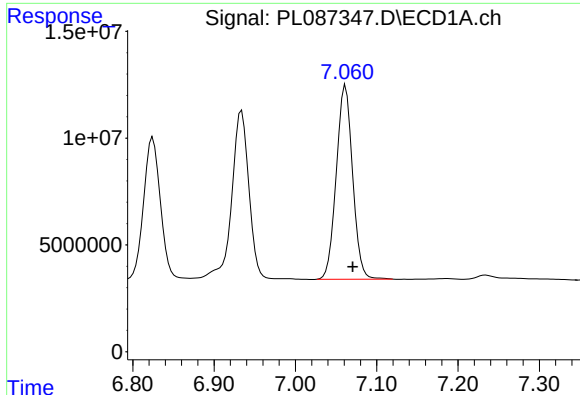
#18 Endrin aldehyde

R.T.: 6.823 min
Delta R.T.: -0.010 min
Response: 94042704
Conc: 32.45 ng/ml m



#18 Endrin aldehyde

R.T.: 6.037 min
Delta R.T.: -0.009 min
Response: 42114402
Conc: 28.70 ng/ml



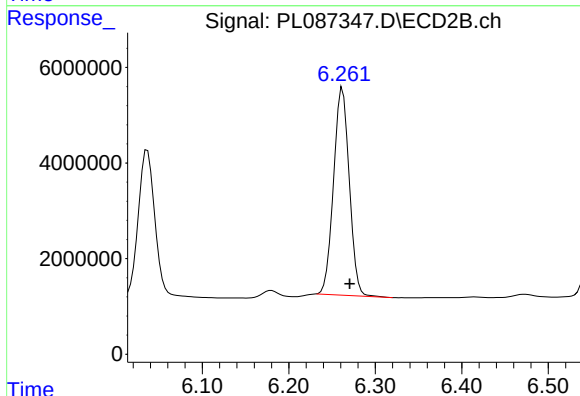
#19 Endosulfan Sulfate

R.T.: 7.062 min
Delta R.T.: -0.009 min
Response: 126809821
Conc: 32.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MSD

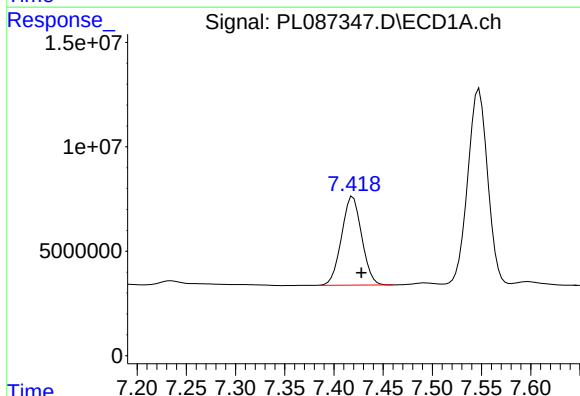
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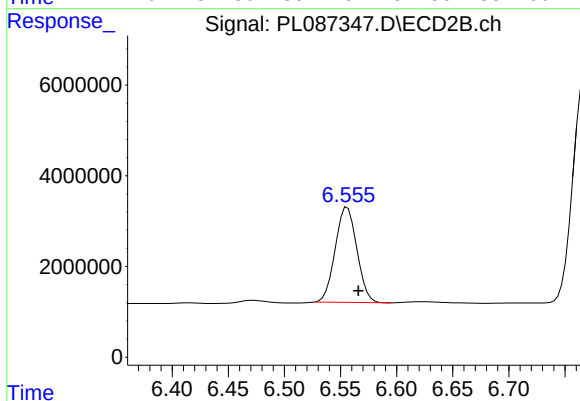
#19 Endosulfan Sulfate

R.T.: 6.262 min
Delta R.T.: -0.008 min
Response: 54476826
Conc: 28.92 ng/ml



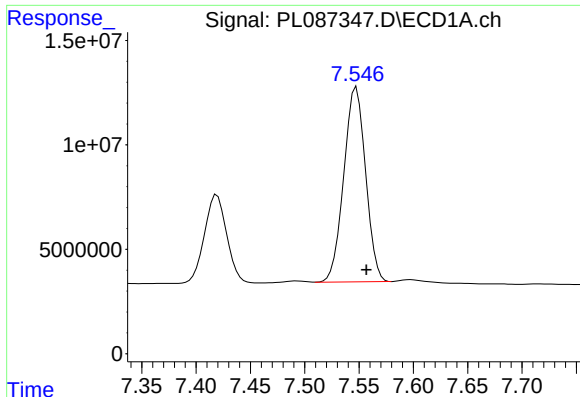
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.009 min
Response: 60419392
Conc: 30.99 ng/ml



#20 Methoxychlor

R.T.: 6.556 min
Delta R.T.: -0.010 min
Response: 28202289
Conc: 27.61 ng/ml



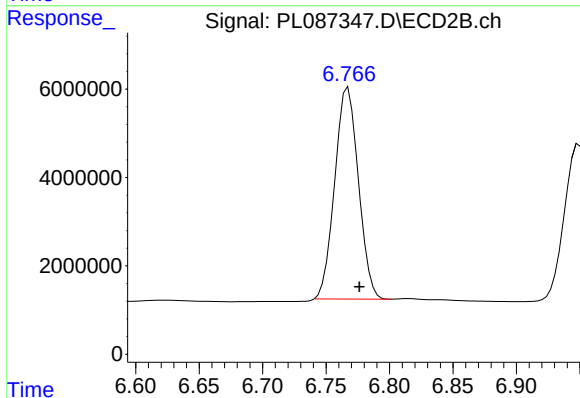
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.011 min
Response: 130272100
Conc: 32.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MSD

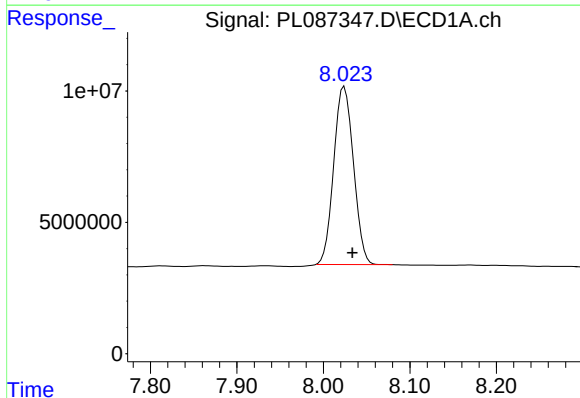
Manual Integrations
APPROVED

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



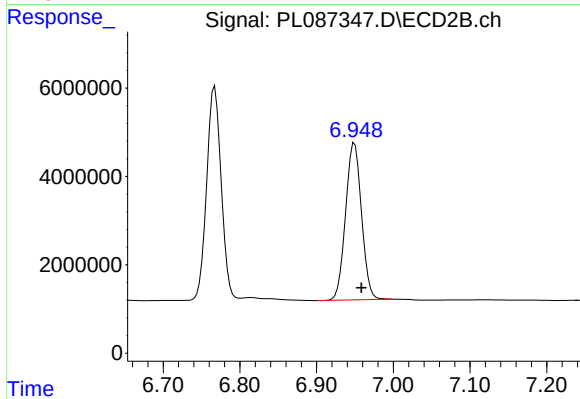
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.009 min
Response: 62173995
Conc: 29.21 ng/ml



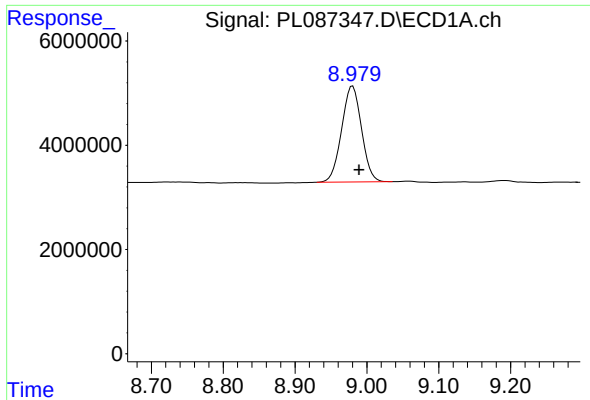
#22 Mirex

R.T.: 8.024 min
Delta R.T.: -0.009 min
Response: 107048678
Conc: 31.78 ng/ml



#22 Mirex

R.T.: 6.949 min
Delta R.T.: -0.009 min
Response: 51620273
Conc: 29.01 ng/ml



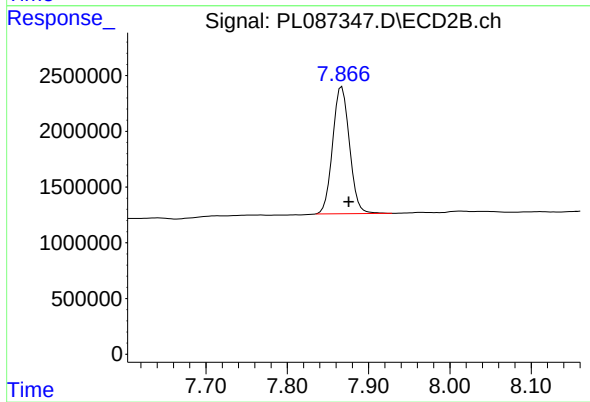
#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 35301480
Conc: 10.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-61MSD

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



#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: -0.008 min
Response: 16433350
Conc: 9.73 ng/ml