

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
 Data File : PL087362.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Dec 2023 00:41
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 22 01:39:28 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	211.2E6	88575544	56.123	52.620
28)	SA Decachlor...	8.979	7.867	162.5E6	70909824	47.653	41.984
Target Compounds							
2)	A alpha-BHC	3.878	3.182	308.1E6	130.2E6	56.906	52.969
3)	MA gamma-BHC...	4.212	3.513	283.8E6	126.6E6	53.993	52.274
4)	MA Heptachlor	4.804	3.855	248.3E6	120.1E6	46.608m	50.246
5)	MB Aldrin	5.147	4.136	248.0E6	119.6E6	47.628	49.868
6)	B beta-BHC	4.411	3.814	114.0E6	51672688	49.654	49.638
7)	B delta-BHC	4.656	4.044	253.8E6	125.7E6	48.533m	51.398
8)	B Heptachlo...	5.578	4.644	250.0E6	105.8E6	53.054	47.544
9)	A Endosulfan I	5.965	5.015	234.6E6	101.3E6	52.518	46.850
10)	B gamma-Chl...	5.836	4.897	258.8E6	104.9E6	53.391	45.840
11)	B alpha-Chl...	5.916	4.962	250.5E6	107.2E6	52.120	46.466
12)	B 4,4'-DDE	6.097	5.160	211.5E6	90412258	51.038	45.536
13)	MA Dieldrin	6.242	5.282	234.7E6	99617410	50.571	44.716
14)	MA Endrin	6.472	5.558	185.8E6	90099437	48.305	45.148
15)	B Endosulfa...	6.693	5.855	191.0E6	80140112	47.614	41.160
16)	A 4,4'-DDD	6.618	5.718	172.6E6	74780500	52.210	45.164
17)	MA 4,4'-DDT	6.934	5.971	171.4E6	76550240	45.580	41.506
18)	B Endrin al...	6.823	6.037	139.7E6	62099576	48.195m	42.313
19)	B Endosulfa...	7.062	6.262	179.9E6	82215399	45.808	43.643
20)	A Methoxychlor	7.420	6.557	83487771	41298153	42.816	40.433
21)	B Endrin ke...	7.546	6.767	185.3E6	92217520	45.538m	43.321m
22)	Mirex	8.025	6.950	143.9E6	73173082	42.712	41.129

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
Data File : PL087362.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Dec 2023 00:41
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

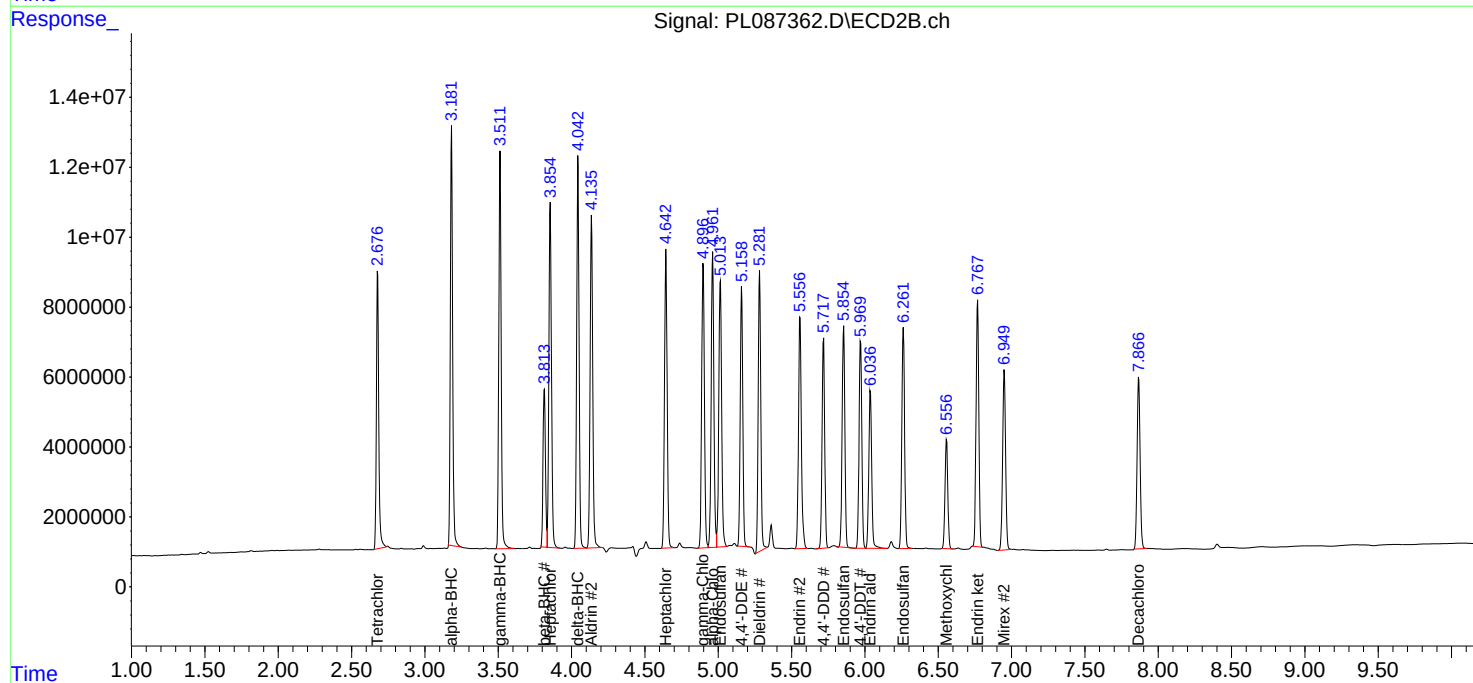
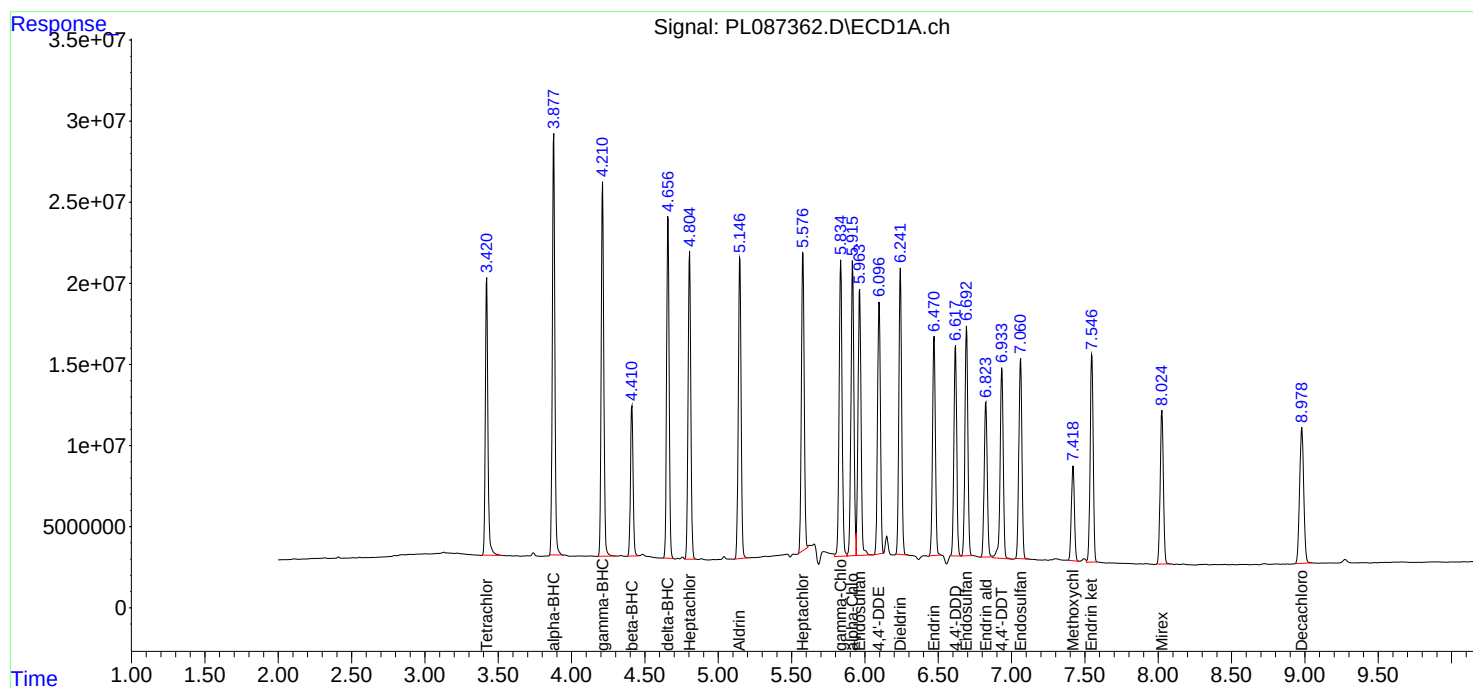
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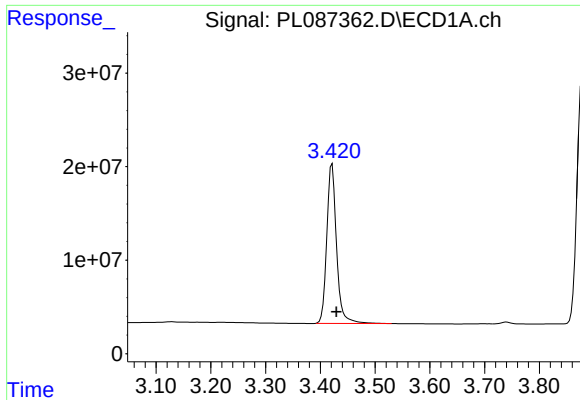
Reviewed By :Abdul Mirza 12/22/2023

Supervised By :Ankita Jodhani 12/22/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 01:39:28 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





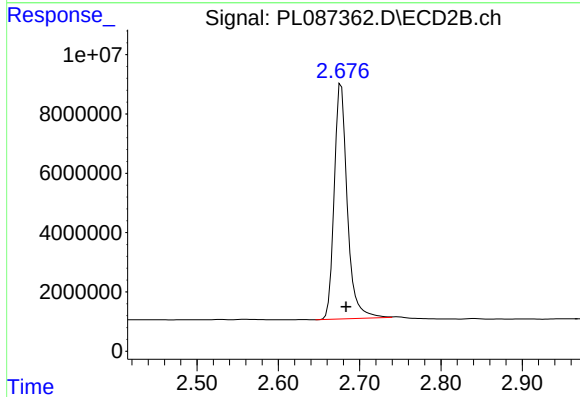
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: -0.008 min
Response: 211213736
Conc: 56.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

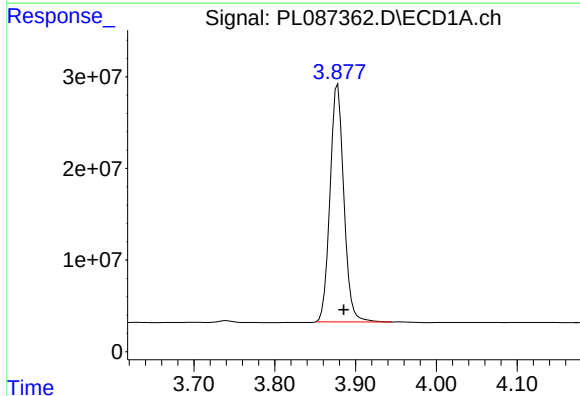
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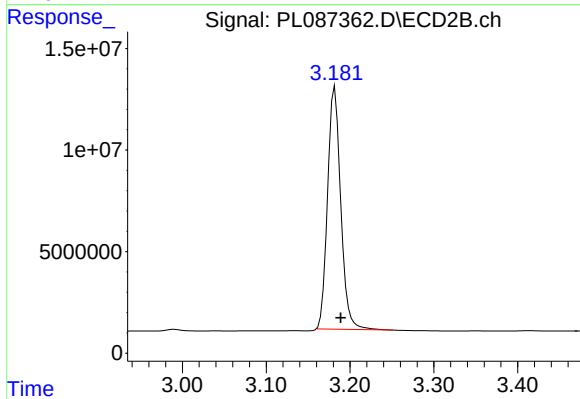
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.006 min
Response: 88575544
Conc: 52.62 ng/ml



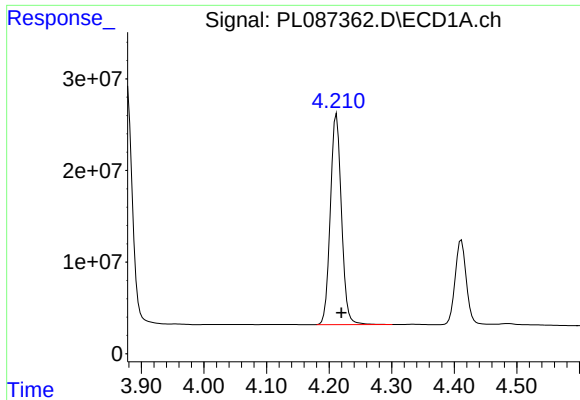
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.007 min
Response: 308099582
Conc: 56.91 ng/ml



#2 alpha-BHC

R.T.: 3.182 min
Delta R.T.: -0.007 min
Response: 130176459
Conc: 52.97 ng/ml



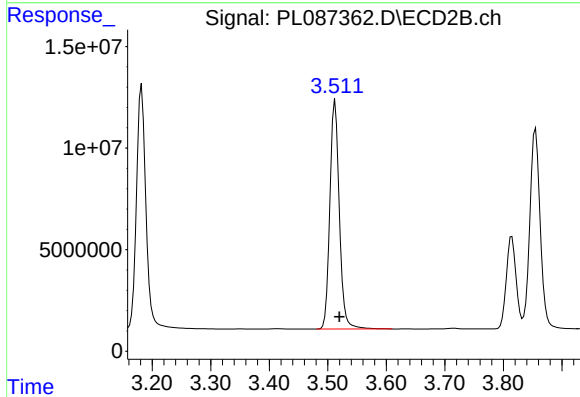
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 283771085
Conc: 53.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

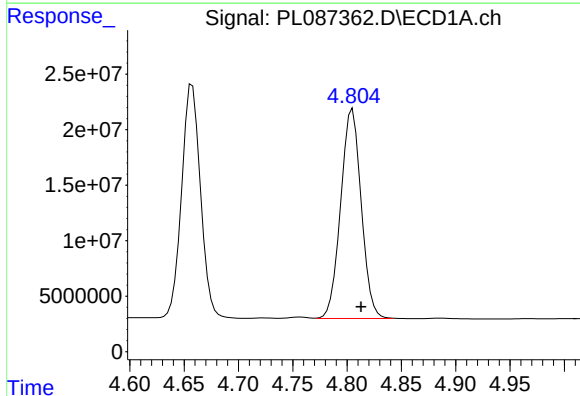
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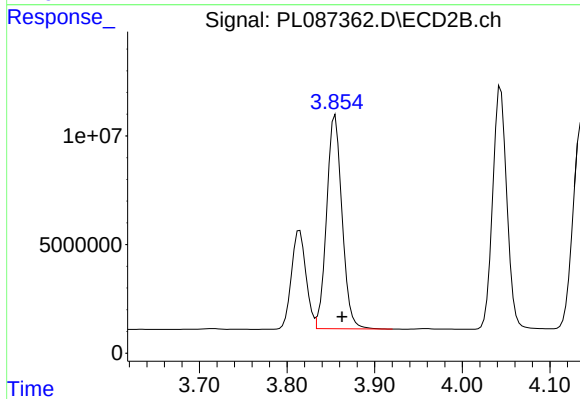
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 126628144
Conc: 52.27 ng/ml



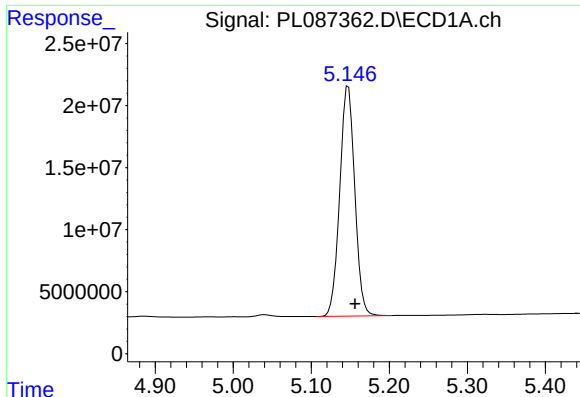
#4 Heptachlor

R.T.: 4.804 min
Delta R.T.: -0.009 min
Response: 248263321
Conc: 46.61 ng/ml m



#4 Heptachlor

R.T.: 3.855 min
Delta R.T.: -0.008 min
Response: 120103241
Conc: 50.25 ng/ml



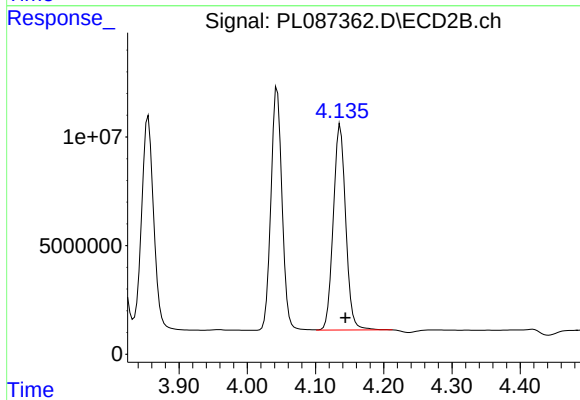
#5 Aldrin

R.T.: 5.147 min
Delta R.T.: -0.009 min
Response: 247972906
Conc: 47.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

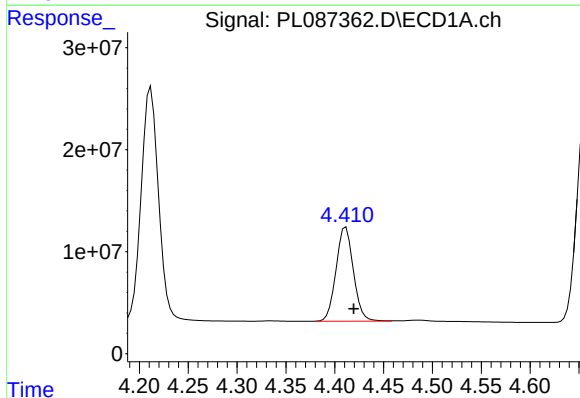
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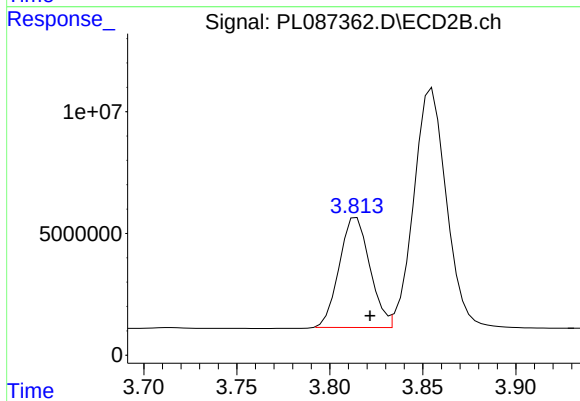
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.007 min
Response: 119571877
Conc: 49.87 ng/ml



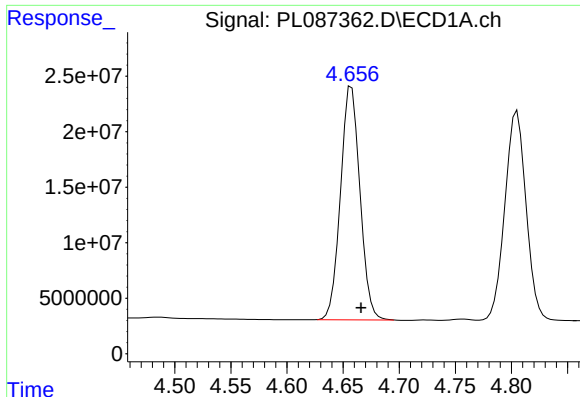
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.008 min
Response: 114045929
Conc: 49.65 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.007 min
Response: 51672688
Conc: 49.64 ng/ml



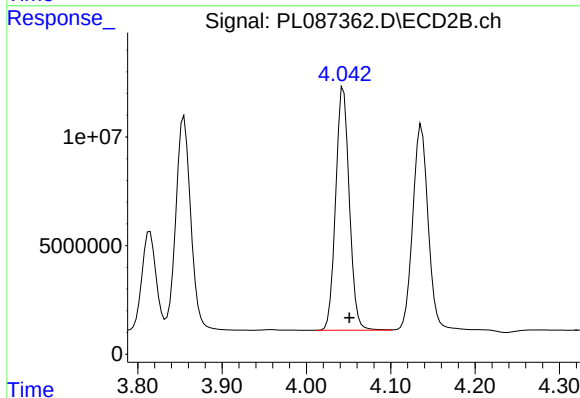
#7 delta-BHC

R.T.: 4.656 min
Delta R.T.: -0.010 min
Response: 253800541
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

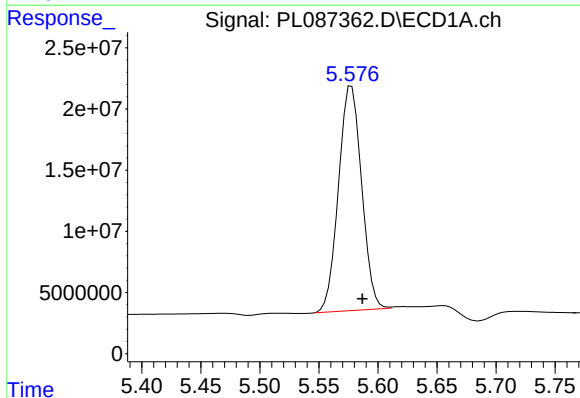
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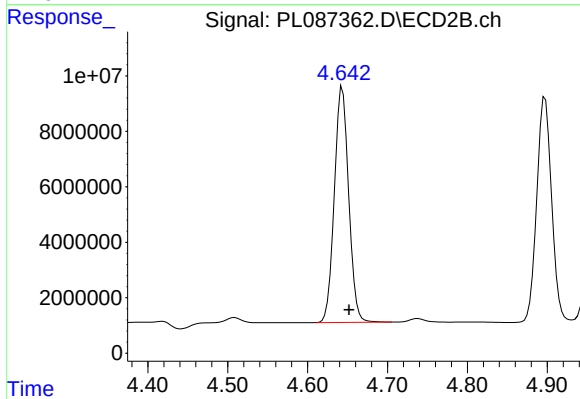
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.007 min
Response: 125729063
Conc: 51.40 ng/ml



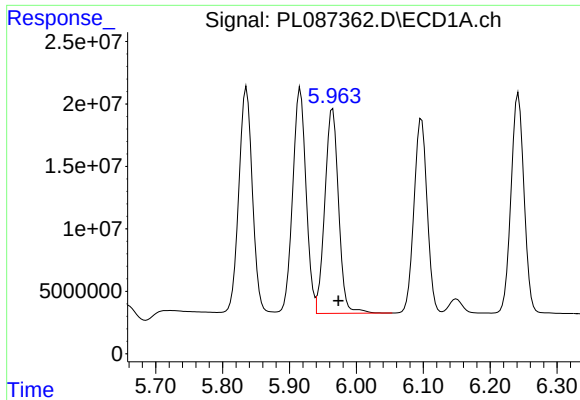
#8 Heptachlor epoxide

R.T.: 5.578 min
Delta R.T.: -0.009 min
Response: 250033312
Conc: 53.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 105799553
Conc: 47.54 ng/ml



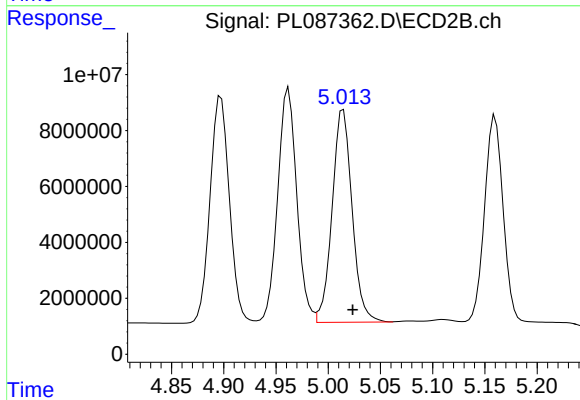
#9 Endosulfan I

R.T.: 5.965 min
Delta R.T.: -0.009 min
Response: 234561738
Conc: 52.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

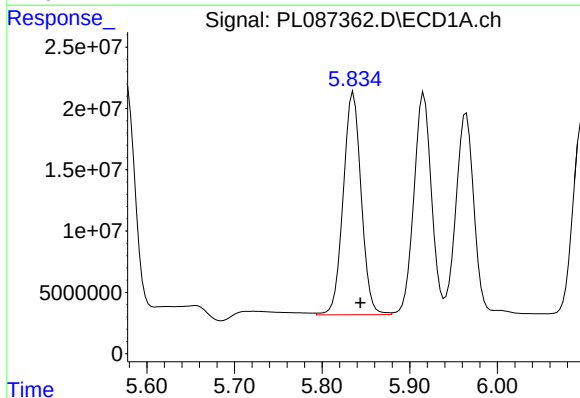
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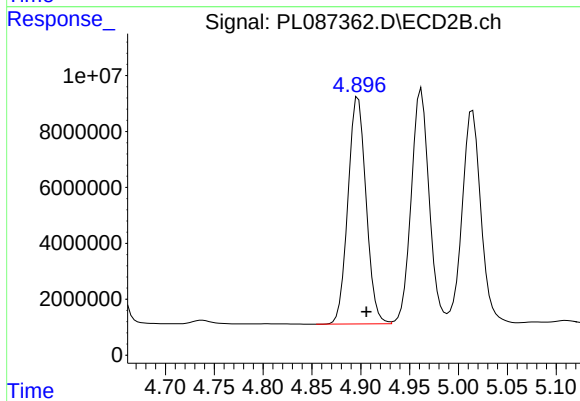
#9 Endosulfan I

R.T.: 5.015 min
Delta R.T.: -0.009 min
Response: 101251561
Conc: 46.85 ng/ml



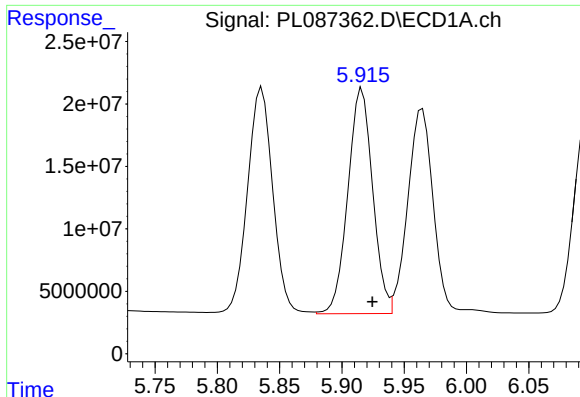
#10 gamma-Chlordane

R.T.: 5.836 min
Delta R.T.: -0.008 min
Response: 258840229
Conc: 53.39 ng/ml



#10 gamma-Chlordane

R.T.: 4.897 min
Delta R.T.: -0.008 min
Response: 104851656
Conc: 45.84 ng/ml



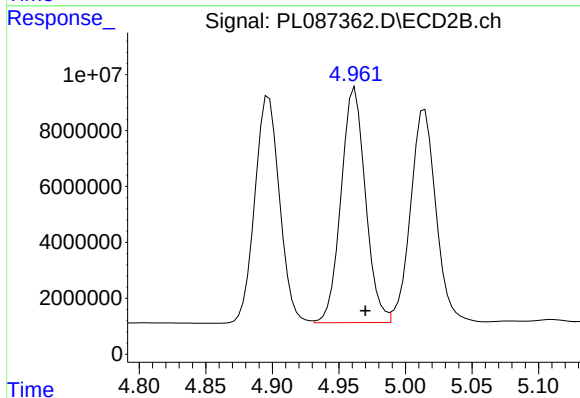
#11 alpha-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.008 min
Response: 250495887
Conc: 52.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

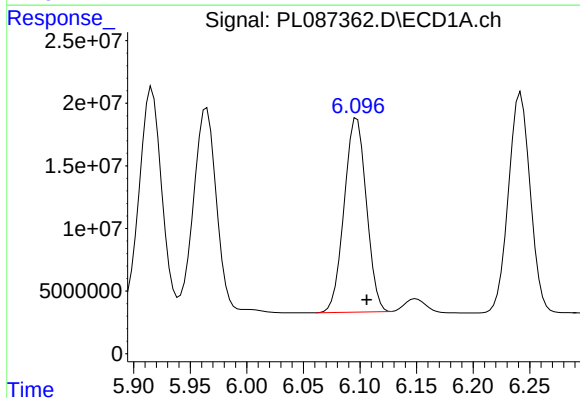
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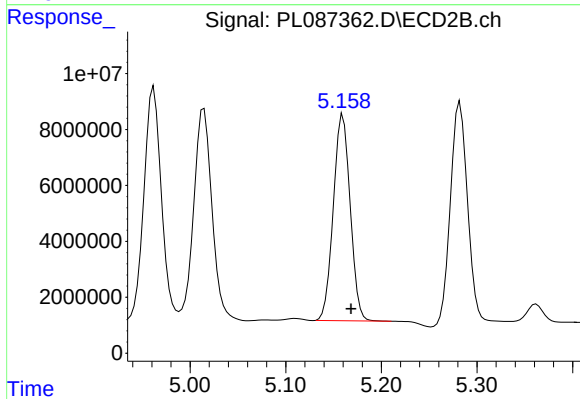
#11 alpha-Chlordane

R.T.: 4.962 min
Delta R.T.: -0.008 min
Response: 107244638
Conc: 46.47 ng/ml



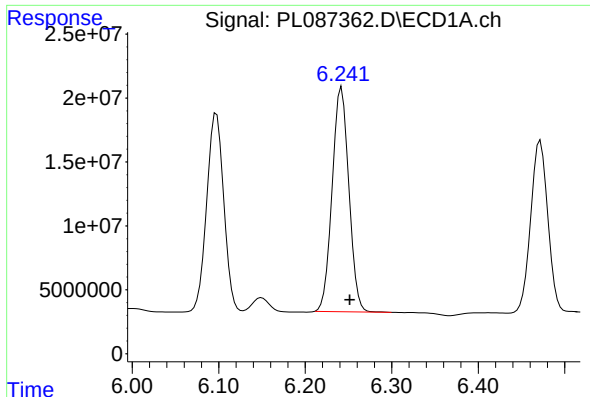
#12 4,4'-DDE

R.T.: 6.097 min
Delta R.T.: -0.009 min
Response: 211501530
Conc: 51.04 ng/ml



#12 4,4'-DDE

R.T.: 5.160 min
Delta R.T.: -0.009 min
Response: 90412258
Conc: 45.54 ng/ml



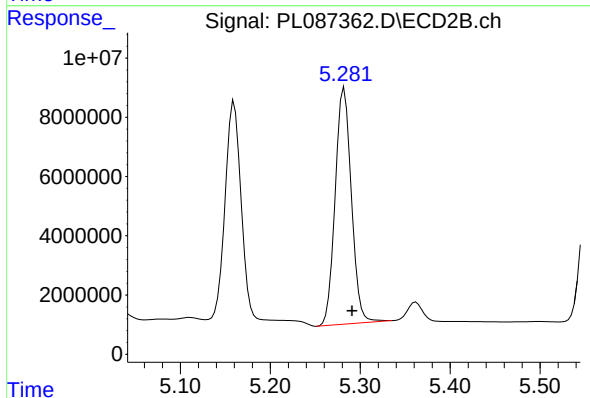
#13 Dieldrin

R.T.: 6.242 min
Delta R.T.: -0.009 min
Response: 234694718
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

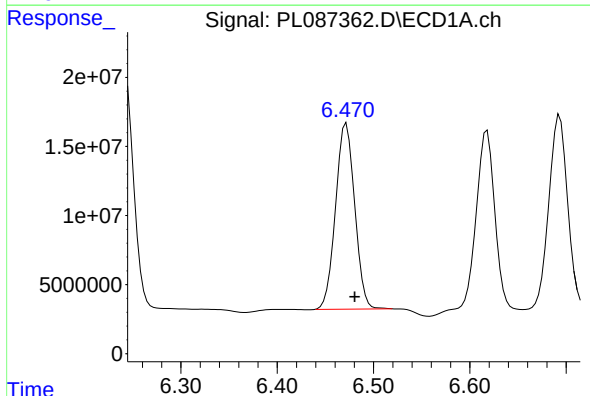
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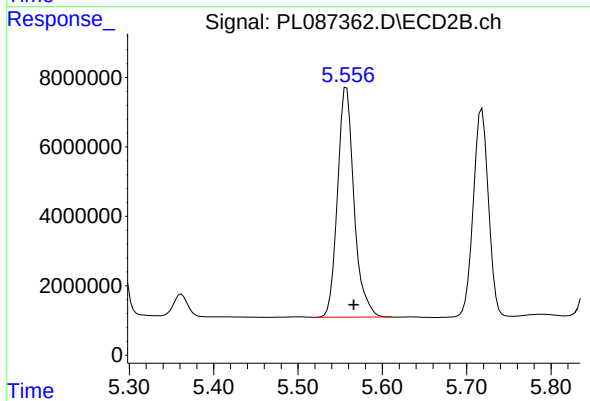
#13 Dieldrin

R.T.: 5.282 min
Delta R.T.: -0.009 min
Response: 99617410
Conc: 44.72 ng/ml



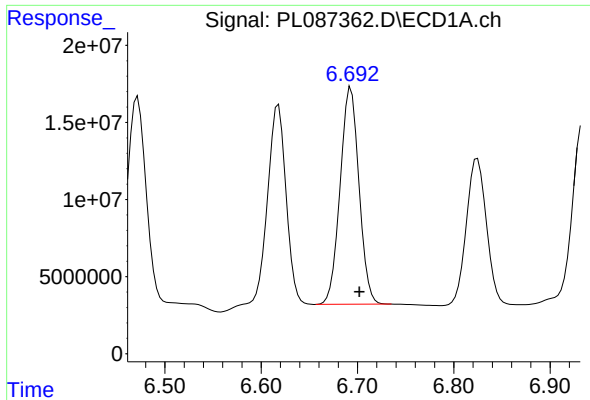
#14 Endrin

R.T.: 6.472 min
Delta R.T.: -0.009 min
Response: 185845379
Conc: 48.30 ng/ml



#14 Endrin

R.T.: 5.558 min
Delta R.T.: -0.009 min
Response: 90099437
Conc: 45.15 ng/ml



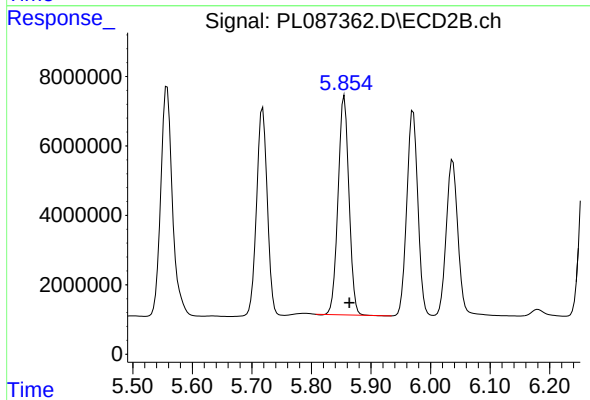
#15 Endosulfan II

R.T.: 6.693 min
Delta R.T.: -0.009 min
Response: 190951170
Conc: 47.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

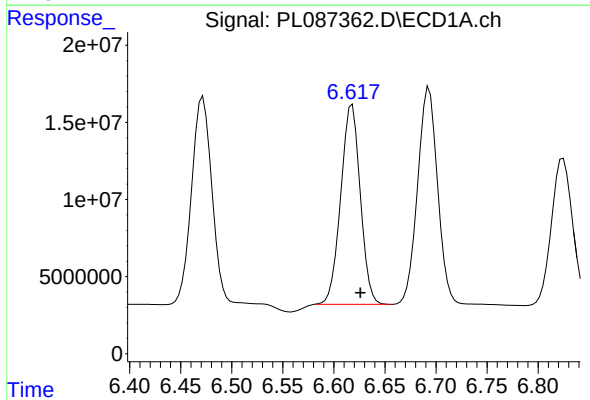
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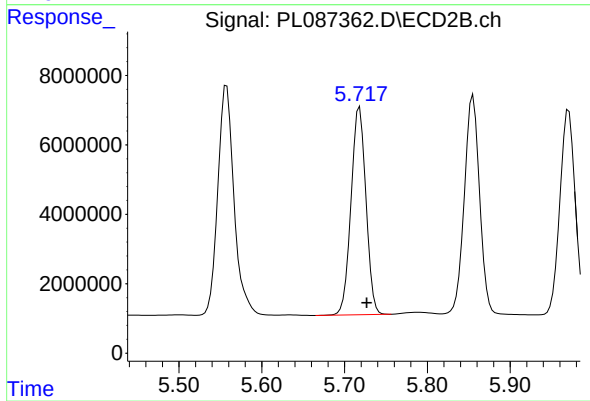
#15 Endosulfan II

R.T.: 5.855 min
Delta R.T.: -0.009 min
Response: 80140112
Conc: 41.16 ng/ml



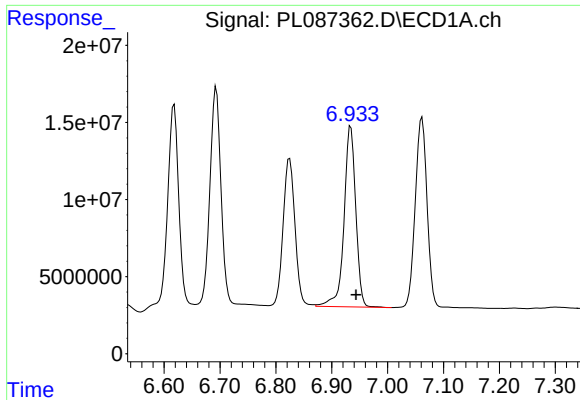
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 172559971
Conc: 52.21 ng/ml



#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: -0.009 min
Response: 74780500
Conc: 45.16 ng/ml



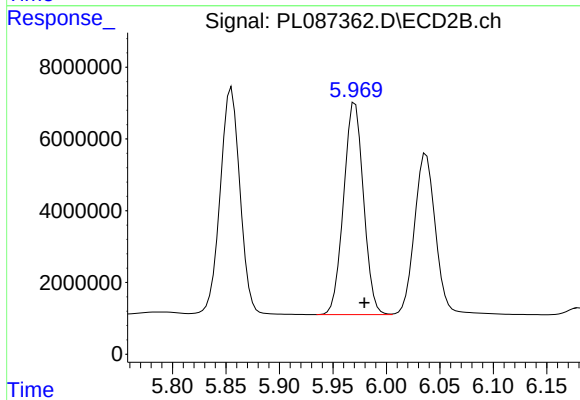
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: -0.009 min
Response: 171389784
Conc: 45.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

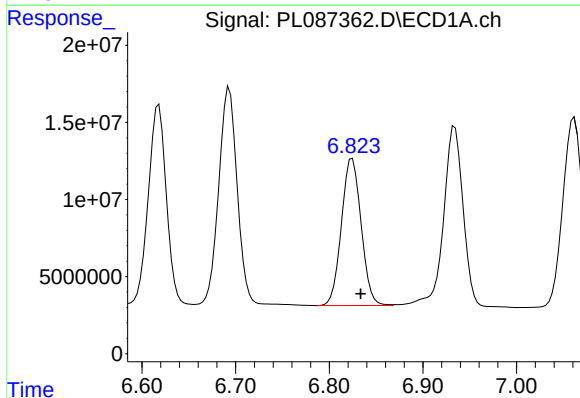
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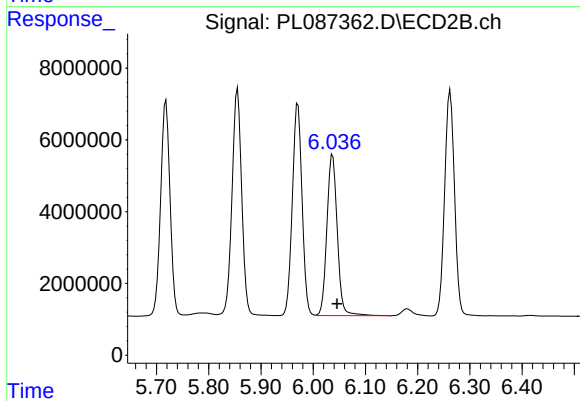
#17 4,4'-DDT

R.T.: 5.971 min
Delta R.T.: -0.009 min
Response: 76550240
Conc: 41.51 ng/ml



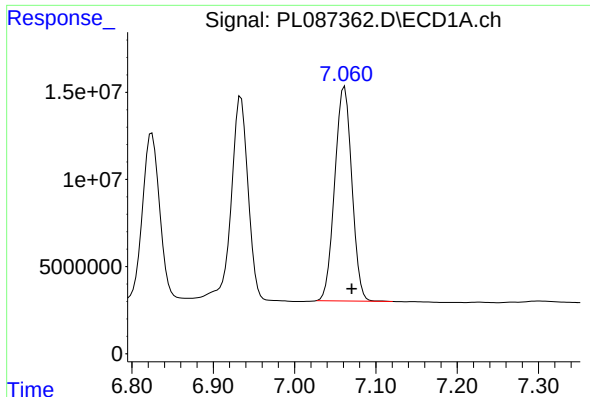
#18 Endrin aldehyde

R.T.: 6.823 min
Delta R.T.: -0.010 min
Response: 139688375
Conc: 48.20 ng/ml m



#18 Endrin aldehyde

R.T.: 6.037 min
Delta R.T.: -0.009 min
Response: 62099576
Conc: 42.31 ng/ml



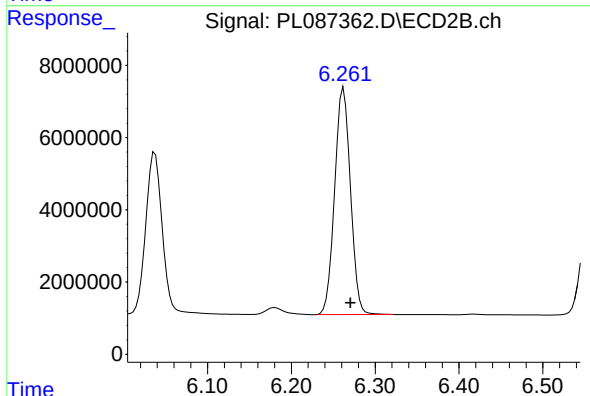
#19 Endosulfan Sulfate

R.T.: 7.062 min
Delta R.T.: -0.009 min
Response: 179882214
Conc: 45.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

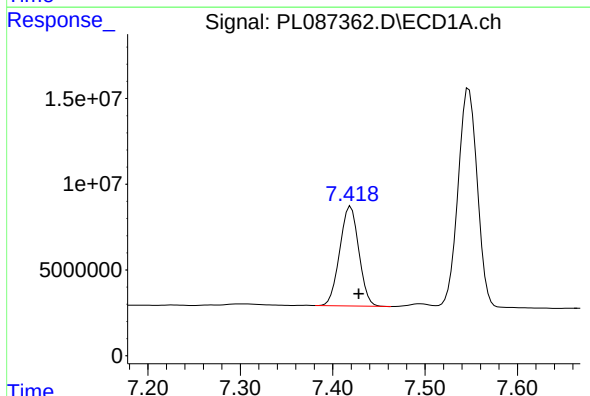
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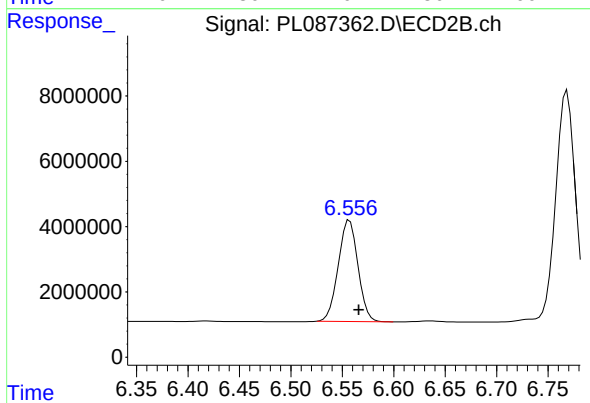
#19 Endosulfan Sulfate

R.T.: 6.262 min
Delta R.T.: -0.008 min
Response: 82215399
Conc: 43.64 ng/ml



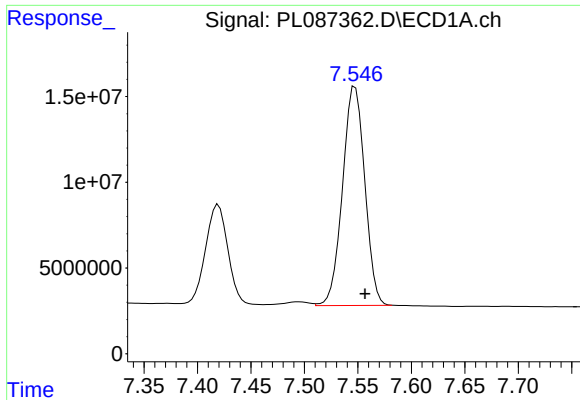
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: -0.009 min
Response: 83487771
Conc: 42.82 ng/ml



#20 Methoxychlor

R.T.: 6.557 min
Delta R.T.: -0.009 min
Response: 41298153
Conc: 40.43 ng/ml



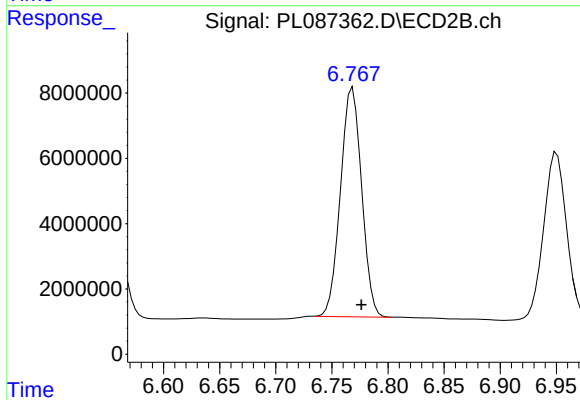
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.011 min
Response: 185259627
Conc: 45.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

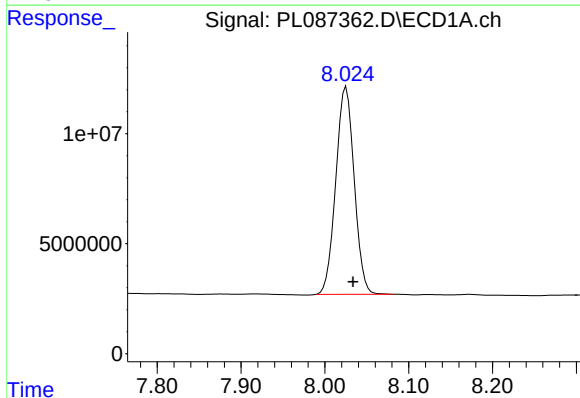
Manual Integrations
APPROVED

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



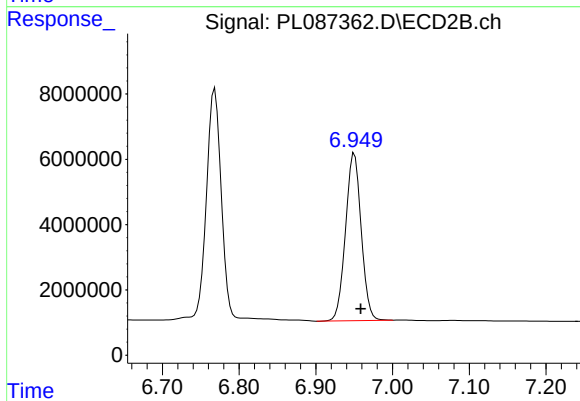
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.009 min
Response: 92217520
Conc: 43.32 ng/ml m



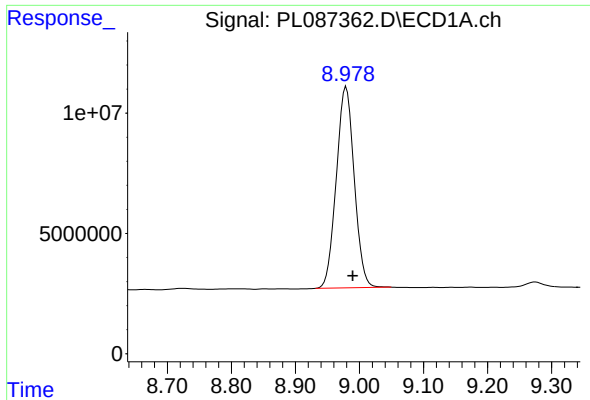
#22 Mirex

R.T.: 8.025 min
Delta R.T.: -0.008 min
Response: 143853250
Conc: 42.71 ng/ml



#22 Mirex

R.T.: 6.950 min
Delta R.T.: -0.008 min
Response: 73173082
Conc: 41.13 ng/ml



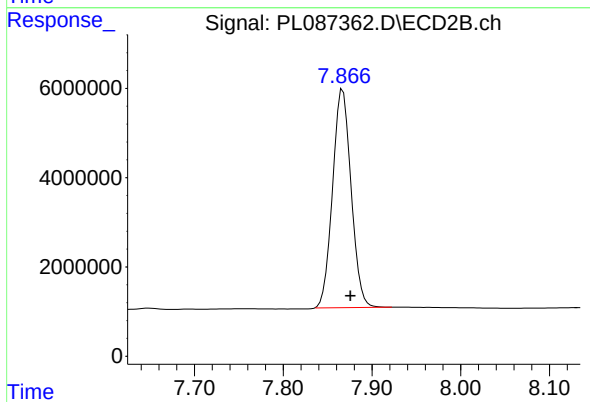
#28 Decachlorobiphenyl

R.T.: 8.979 min
Delta R.T.: -0.010 min
Response: 162494822
Conc: 47.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: -0.009 min
Response: 70909824
Conc: 41.98 ng/ml