

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122823\
 Data File : PL087536.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2023 18:55
 Operator : AR\AJ
 Sample : PSTDICC075
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC075

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/29/2023
 Supervised By :Ankita Jodhani 12/29/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 01:01:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 01:01:29 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	2.675	216.4E6	88449190	73.879	73.262
28)	SA Decachlor...	8.983	7.865	197.0E6	88613592	74.121	73.865
Target Compounds							
2)	A alpha-BHC	3.877	3.179	343.2E6	142.9E6	73.997	73.952
3)	MA gamma-BHC...	4.211	3.510	330.0E6	139.1E6	74.029	74.124
4)	MA Heptachlor	4.804	3.852	323.3E6	133.9E6	73.866	73.799
5)	MB Aldrin	5.147	4.132	321.0E6	135.2E6	73.988	74.340
6)	B beta-BHC	4.411	3.811	132.6E6	55303827	73.747	73.903
7)	B delta-BHC	4.657	4.041	317.1E6	134.6E6	74.165	74.133
8)	B Heptachlo...	5.578	4.639	287.3E6	118.9E6	74.974	74.399m
9)	A Endosulfan I	5.965	5.011	266.2E6	110.4E6	75.483	73.788
10)	B gamma-Chl...	5.836	4.893	287.7E6	120.3E6	74.941	74.136
11)	B alpha-Chl...	5.917	4.958	282.9E6	121.1E6	74.462	74.038
12)	B 4,4'-DDE	6.098	5.157	240.8E6	104.9E6	73.921	74.255
13)	MA Dieldrin	6.243	5.279	278.4E6	120.6E6	74.097	73.786
14)	MA Endrin	6.473	5.555	234.3E6	108.7E6	74.268	74.590
15)	B Endosulfa...	6.694	5.852	230.0E6	101.4E6	74.101	73.610
16)	A 4,4'-DDD	6.619	5.715	194.0E6	86895450	74.261	74.164
17)	MA 4,4'-DDT	6.936	5.968	214.3E6	95252564	74.151	73.755
18)	B Endrin al...	6.826	6.034	181.8E6	82925346	74.017	73.895
19)	B Endosulfa...	7.063	6.260	220.8E6	97203046	74.045	74.123
20)	A Methoxychlor	7.421	6.553	116.0E6	53369100	74.015	73.927
21)	B Endrin ke...	7.549	6.766	238.6E6	113.7E6	74.109	73.629
22)	Mirex	8.027	6.947	192.2E6	93435620	73.728	73.599

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

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Instrument :

ECD_L

ClientSampleId :

PSTDICC075

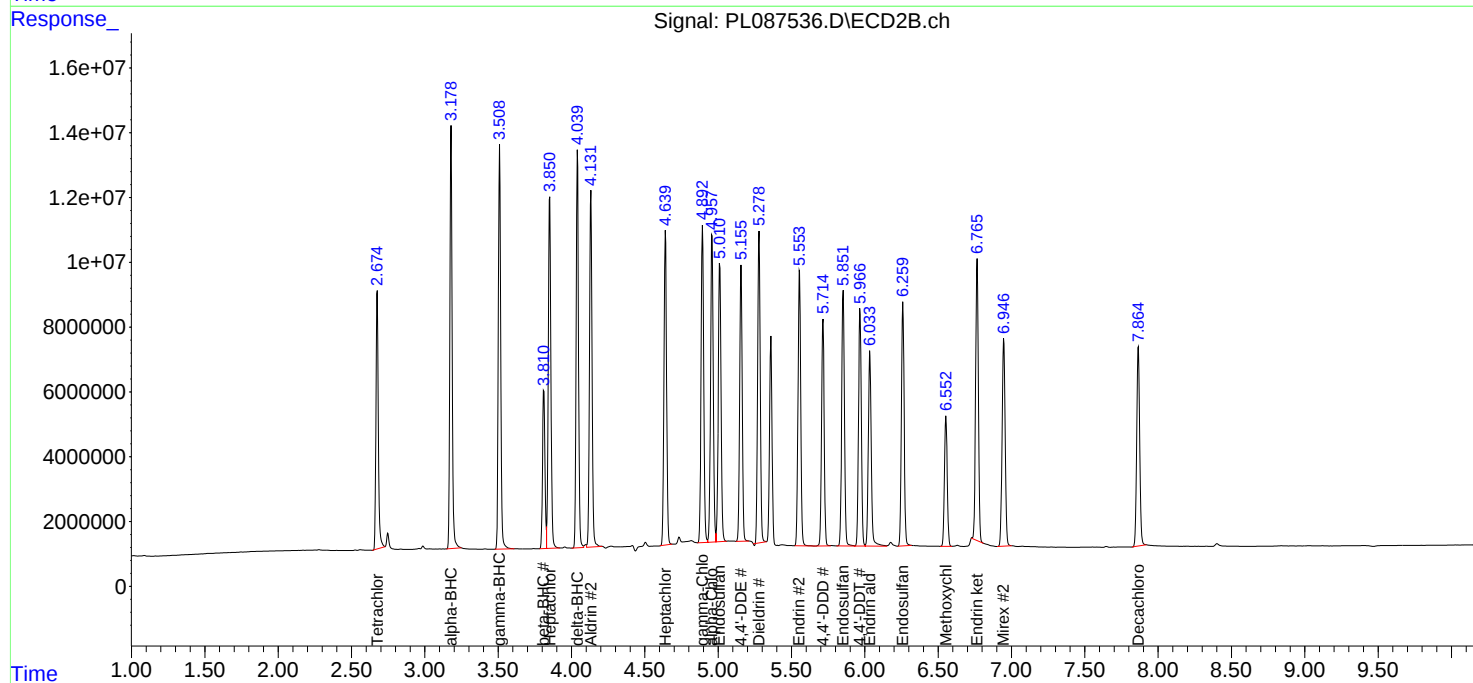
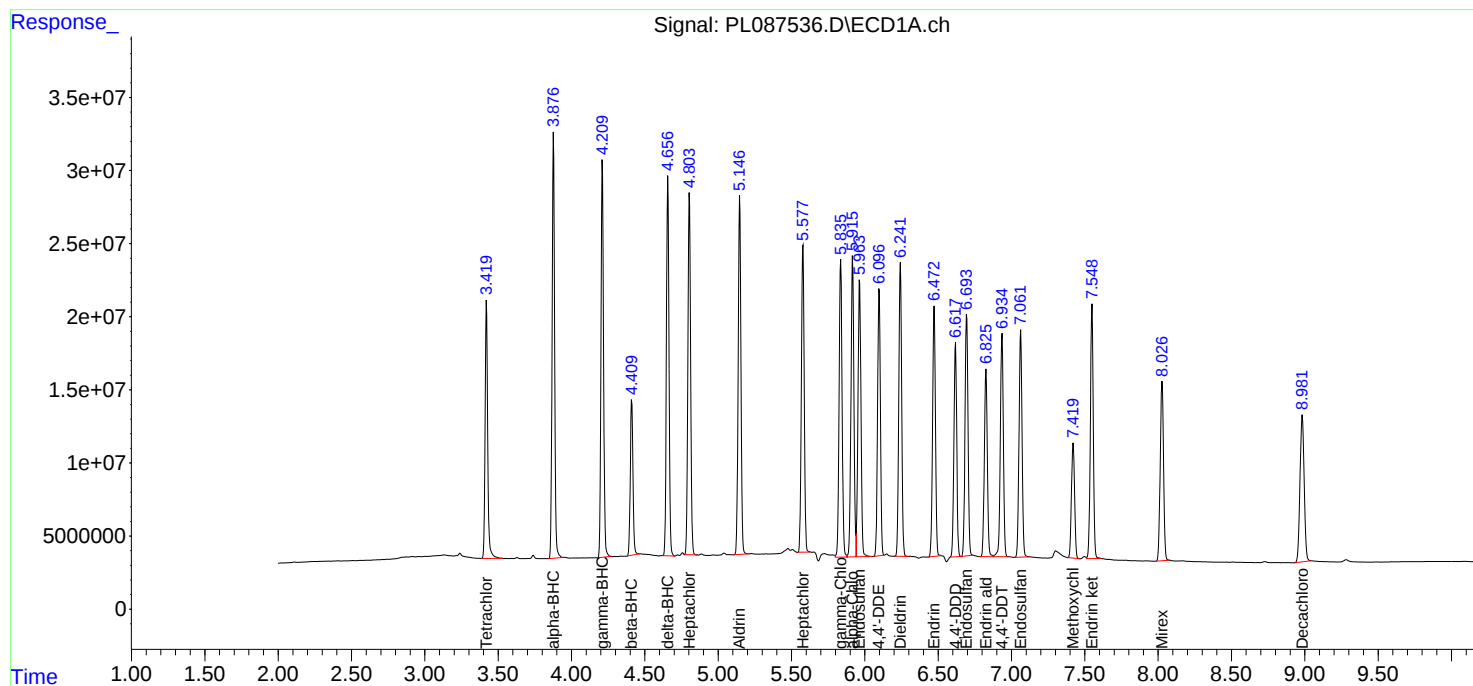
Manual Integrations

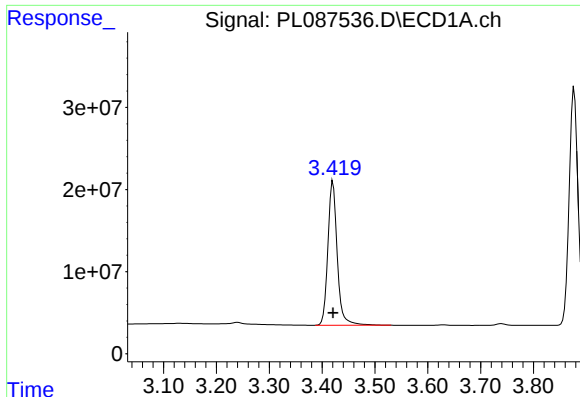
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Reviewed By : Abdul Mirza 12/29/2023
 Supervised By : Ankita Jodhani 12/29/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 01:01:37 2023
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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.: 3.421 min
Delta R.T.: 0.000 min
Response: 216422023
Conc: 73.88 ng/ml

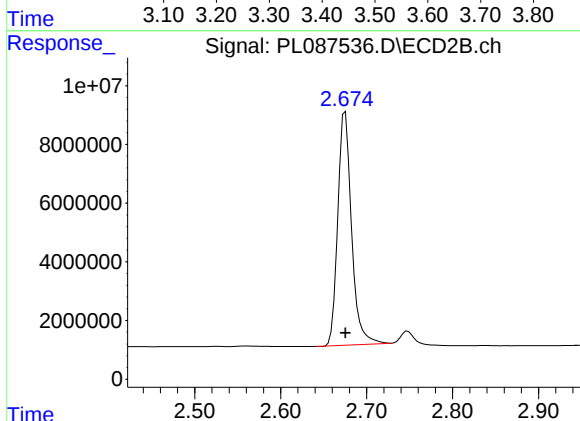
Instrument :

ECD_L

ClientSampleId :
PSTDICC075

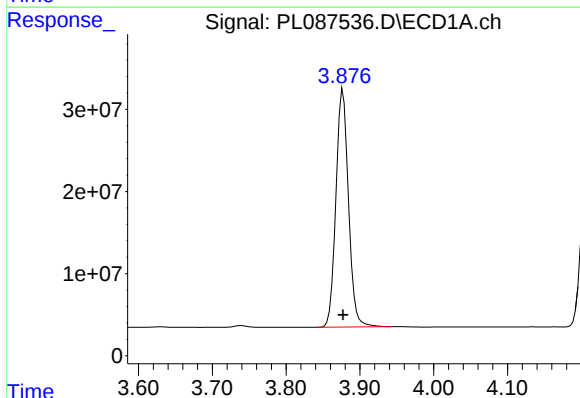
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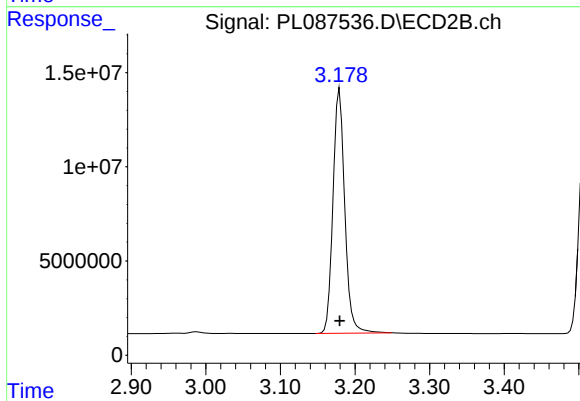
#1 Tetrachloro-m-xylene

R.T.: 2.675 min
Delta R.T.: 0.000 min
Response: 88449190
Conc: 73.26 ng/ml



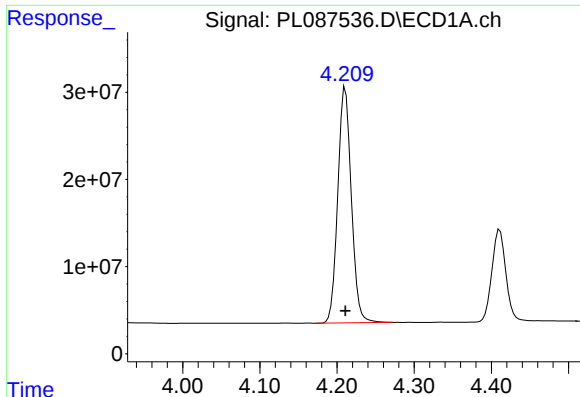
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: 0.000 min
Response: 343219978
Conc: 74.00 ng/ml



#2 alpha-BHC

R.T.: 3.179 min
Delta R.T.: 0.000 min
Response: 142895352
Conc: 73.95 ng/ml



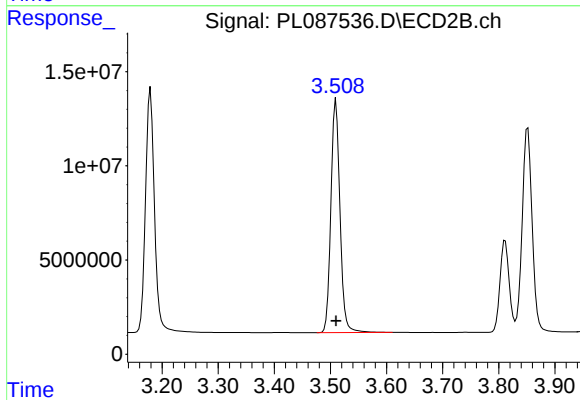
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 329953442
Conc: 74.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

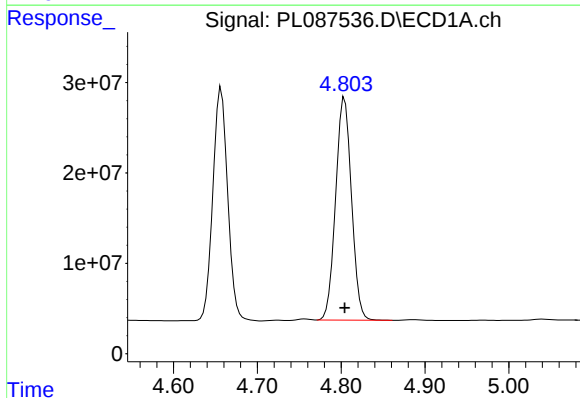
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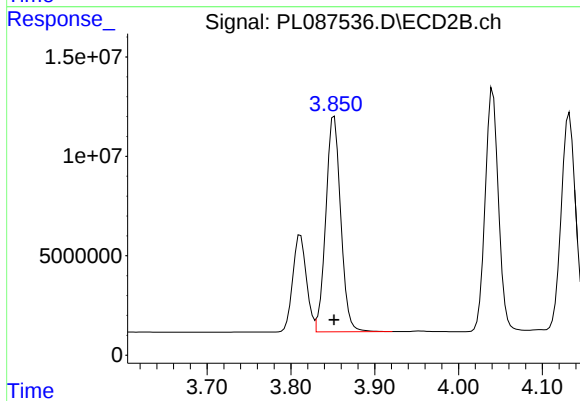
#3 gamma-BHC (Lindane)

R.T.: 3.510 min
Delta R.T.: 0.000 min
Response: 139120439
Conc: 74.12 ng/ml



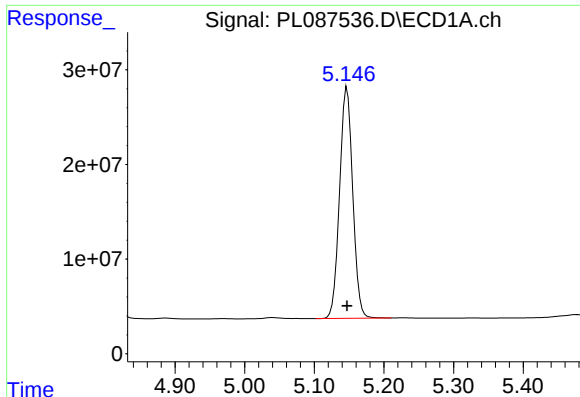
#4 Heptachlor

R.T.: 4.804 min
Delta R.T.: 0.000 min
Response: 323315013
Conc: 73.87 ng/ml



#4 Heptachlor

R.T.: 3.852 min
Delta R.T.: 0.000 min
Response: 133916074
Conc: 73.80 ng/ml



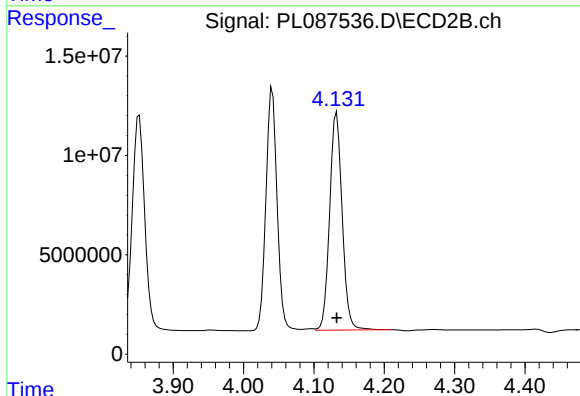
#5 Aldrin

R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 321032656
Conc: 73.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

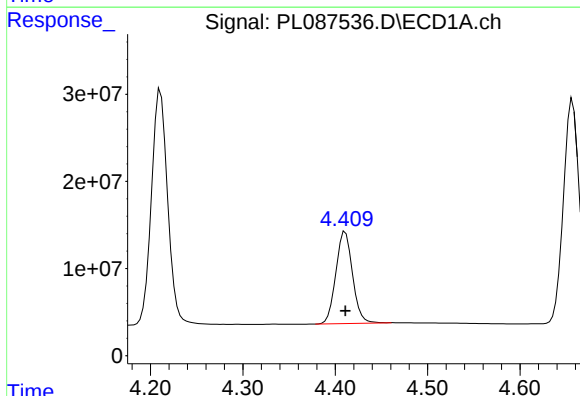
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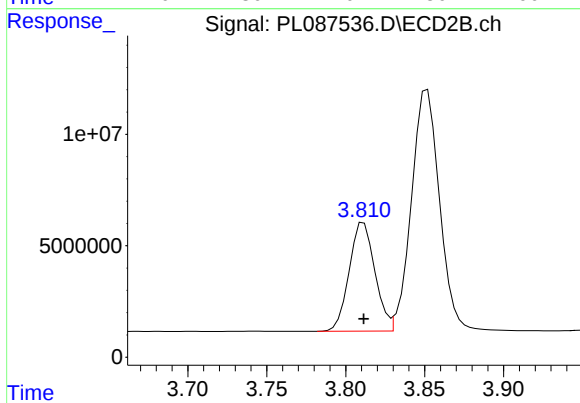
#5 Aldrin

R.T.: 4.132 min
Delta R.T.: 0.000 min
Response: 135162604
Conc: 74.34 ng/ml



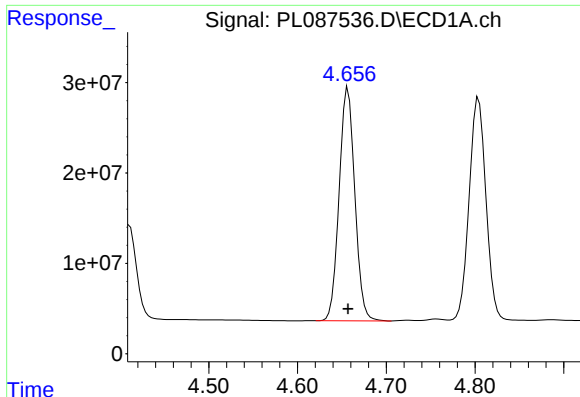
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: 0.000 min
Response: 132590226
Conc: 73.75 ng/ml



#6 beta-BHC

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 55303827
Conc: 73.90 ng/ml



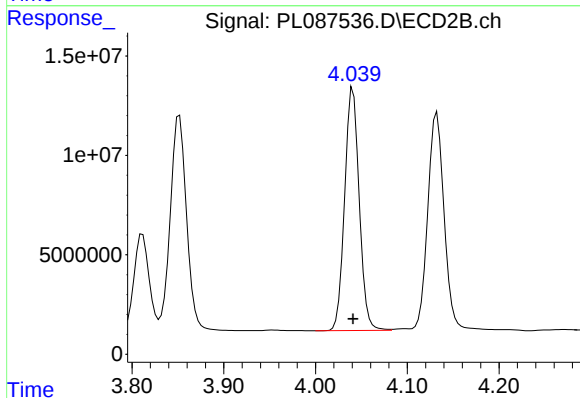
#7 delta-BHC

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 317135682
Conc: 74.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

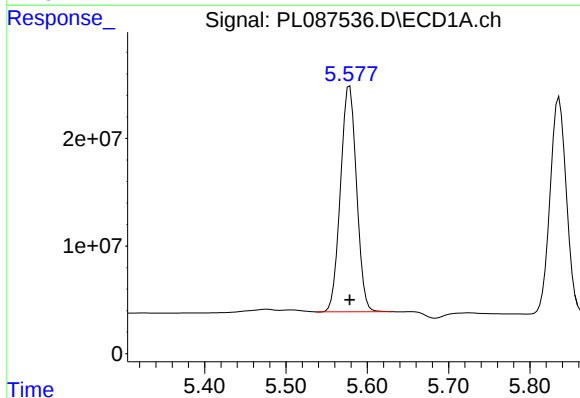
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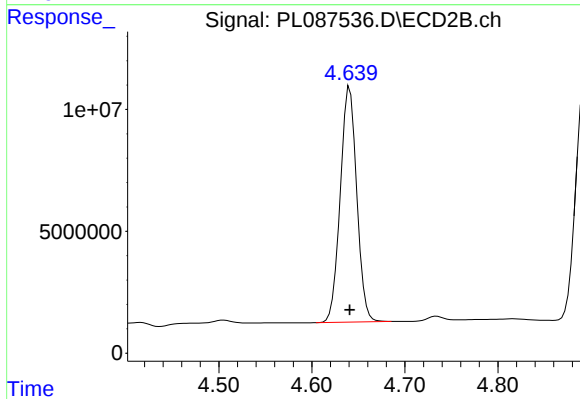
#7 delta-BHC

R.T.: 4.041 min
Delta R.T.: 0.000 min
Response: 134592323
Conc: 74.13 ng/ml



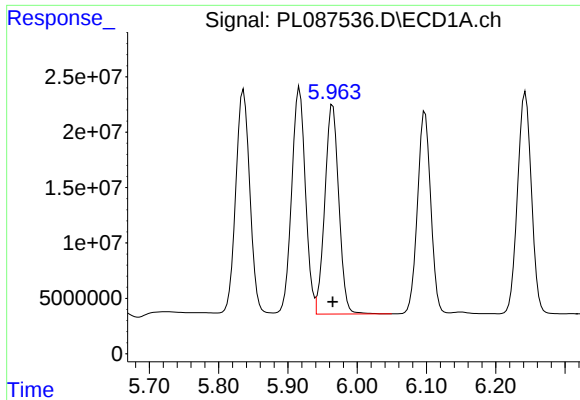
#8 Heptachlor epoxide

R.T.: 5.578 min
Delta R.T.: 0.000 min
Response: 287344668
Conc: 74.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.001 min
Response: 118873767
Conc: 74.40 ng/ml m



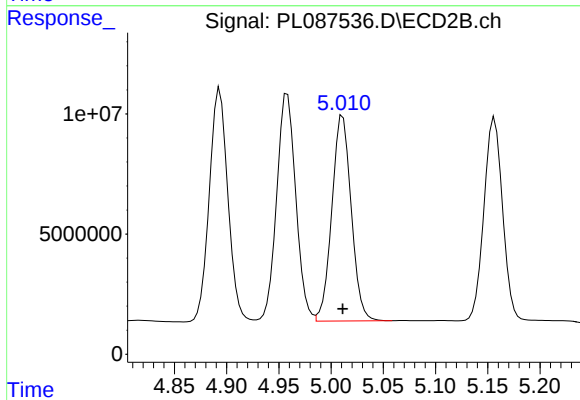
#9 Endosulfan I

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 266206172
Conc: 75.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

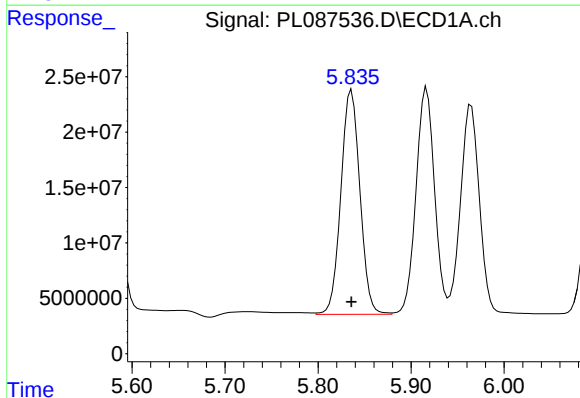
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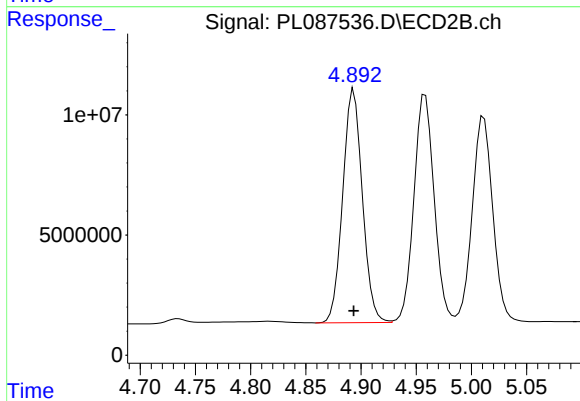
#9 Endosulfan I

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 110440858
Conc: 73.79 ng/ml



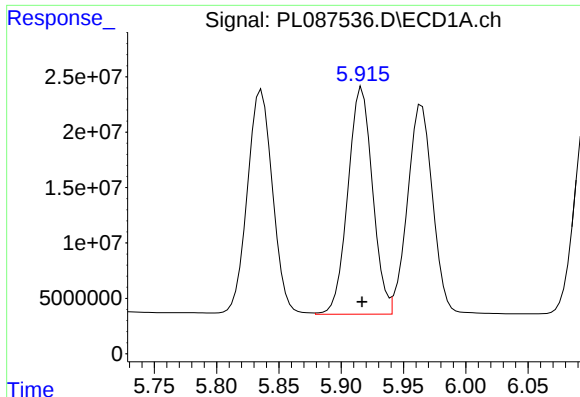
#10 gamma-Chlordane

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 287734094
Conc: 74.94 ng/ml



#10 gamma-Chlordane

R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 120268932
Conc: 74.14 ng/ml



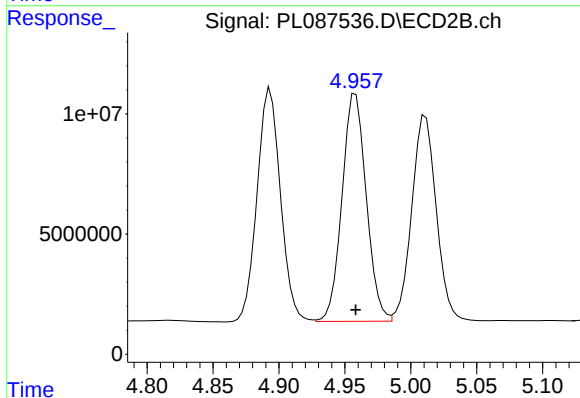
#11 alpha-Chlordane

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 282850438
Conc: 74.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

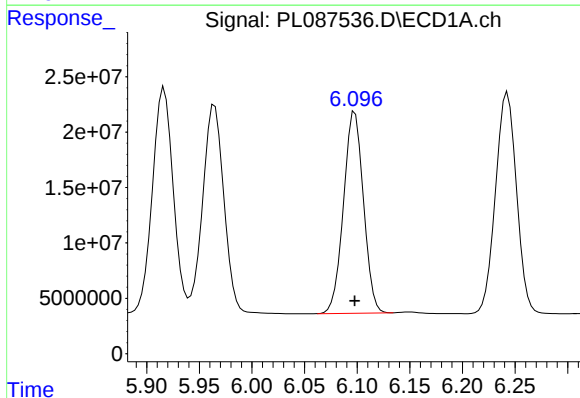
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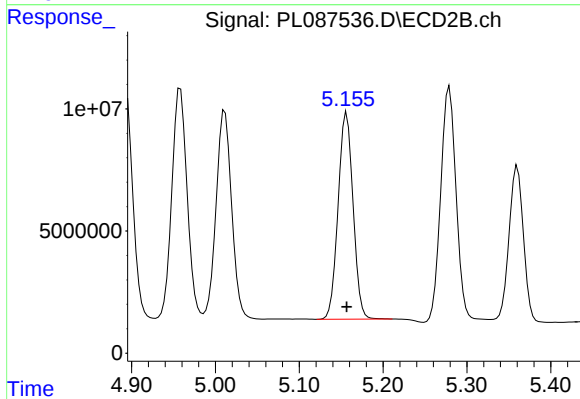
#11 alpha-Chlordane

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 121129707
Conc: 74.04 ng/ml



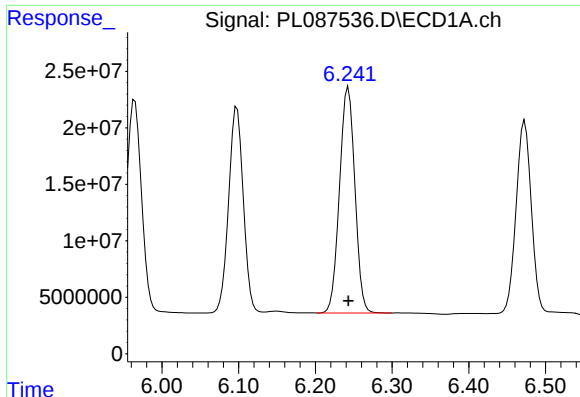
#12 4,4'-DDE

R.T.: 6.098 min
Delta R.T.: 0.000 min
Response: 240789905
Conc: 73.92 ng/ml



#12 4,4'-DDE

R.T.: 5.157 min
Delta R.T.: 0.000 min
Response: 104870969
Conc: 74.26 ng/ml



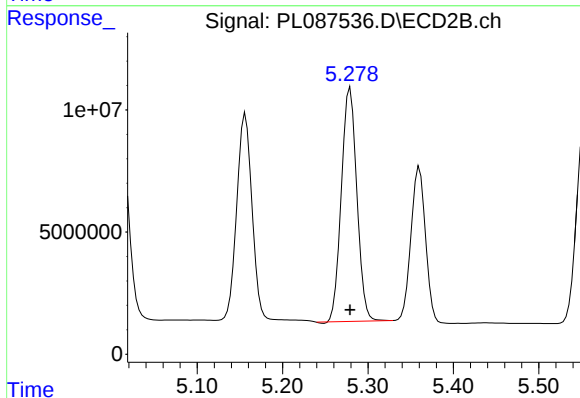
#13 Dieldrin

R.T.: 6.243 min
Delta R.T.: 0.000 min
Response: 278422179
Conc: 74.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

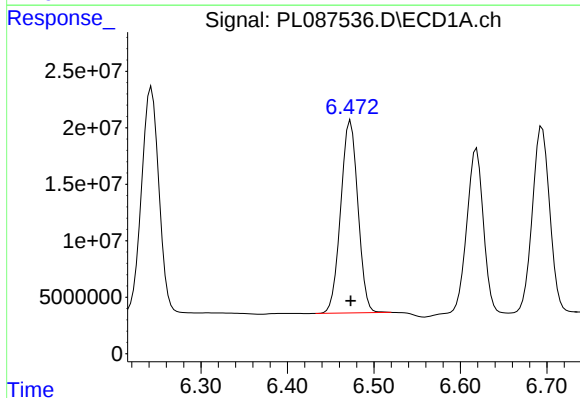
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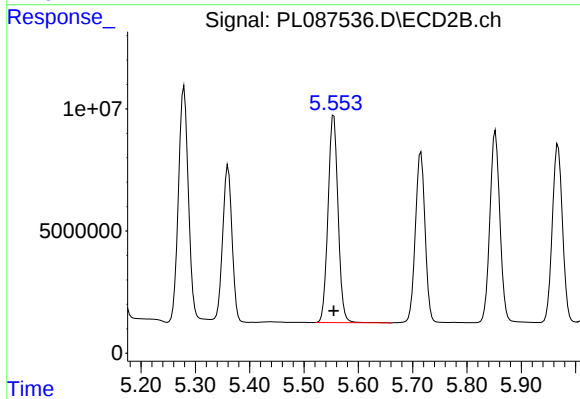
#13 Dieldrin

R.T.: 5.279 min
Delta R.T.: 0.000 min
Response: 120568181
Conc: 73.79 ng/ml



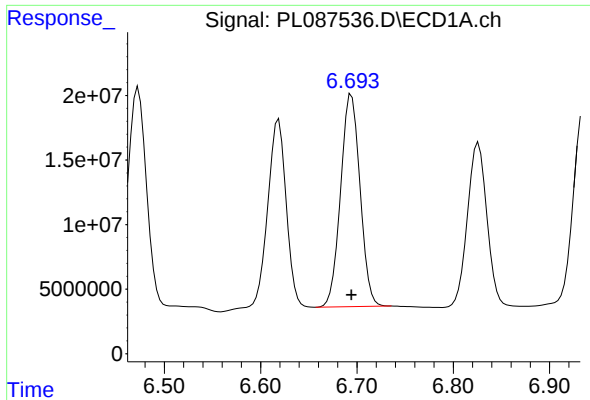
#14 Endrin

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 234336760
Conc: 74.27 ng/ml



#14 Endrin

R.T.: 5.555 min
Delta R.T.: 0.000 min
Response: 108718718
Conc: 74.59 ng/ml



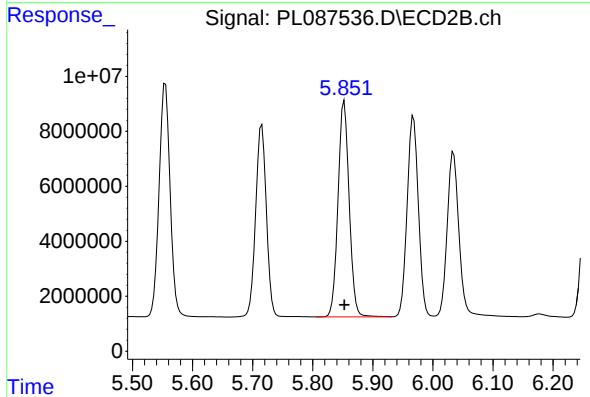
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: 0.000 min
Response: 229969382
Conc: 74.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

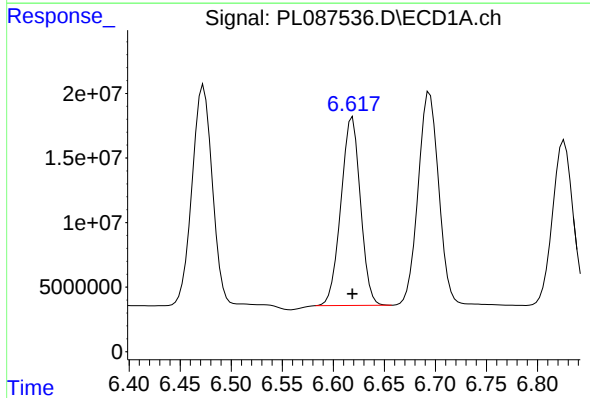
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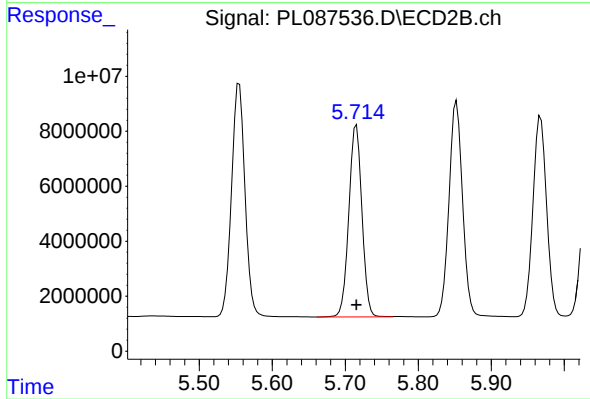
#15 Endosulfan II

R.T.: 5.852 min
Delta R.T.: 0.000 min
Response: 101415081
Conc: 73.61 ng/ml



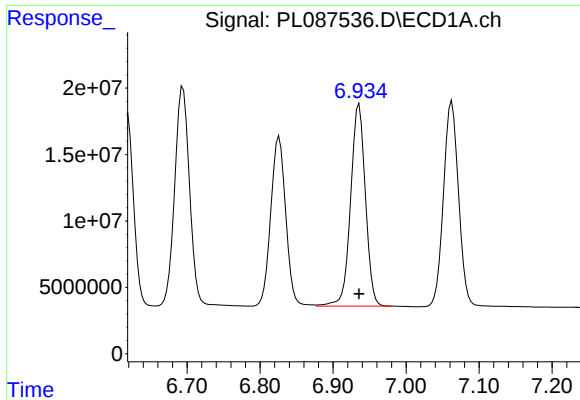
#16 4,4'-DDD

R.T.: 6.619 min
Delta R.T.: 0.000 min
Response: 194042824
Conc: 74.26 ng/ml



#16 4,4'-DDD

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 86895450
Conc: 74.16 ng/ml



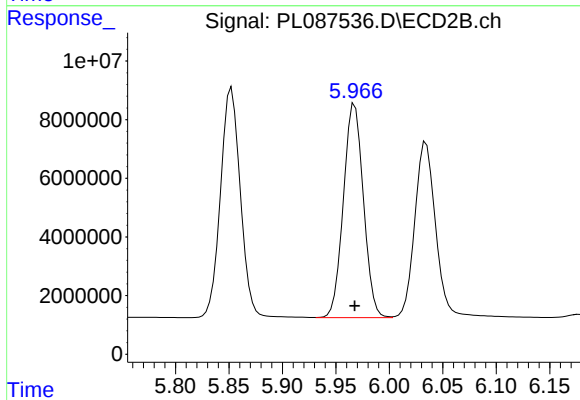
#17 4,4'-DDT

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 214345345
Conc: 74.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

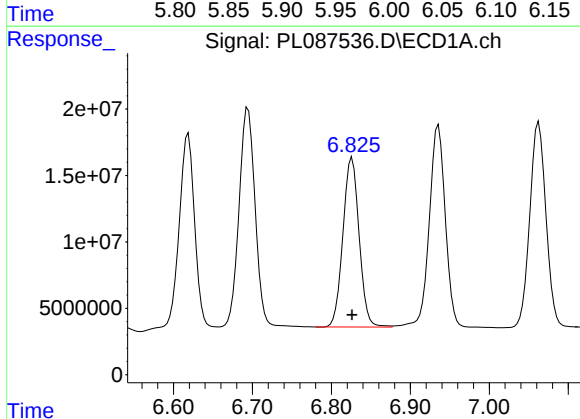
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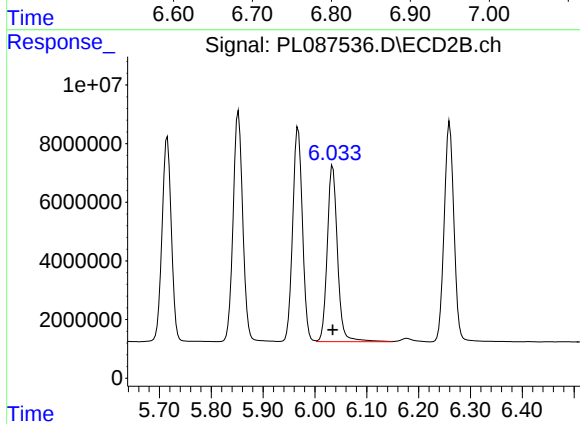
#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 95252564
Conc: 73.76 ng/ml



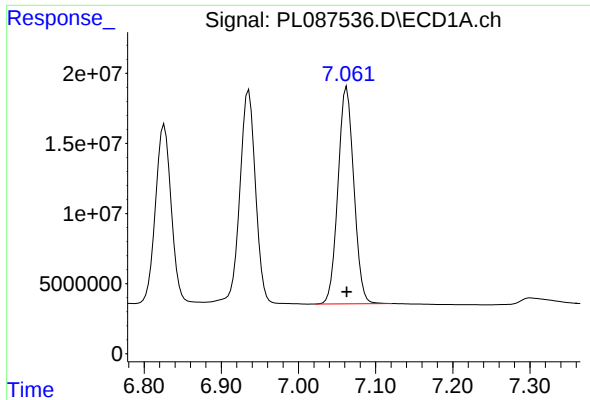
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: 0.000 min
Response: 181754903
Conc: 74.02 ng/ml



#18 Endrin aldehyde

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 82925346
Conc: 73.89 ng/ml



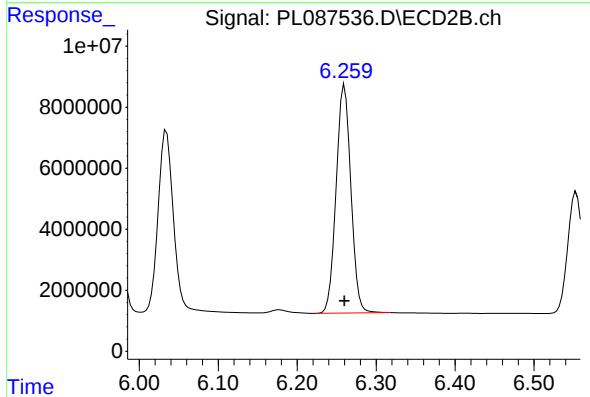
#19 Endosulfan Sulfate

R.T.: 7.063 min
Delta R.T.: 0.000 min
Response: 220778561
Conc: 74.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

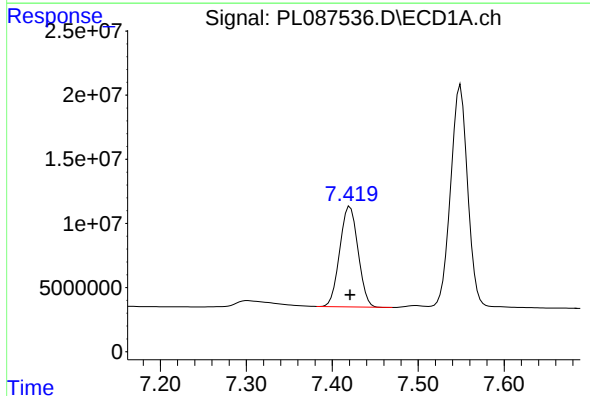
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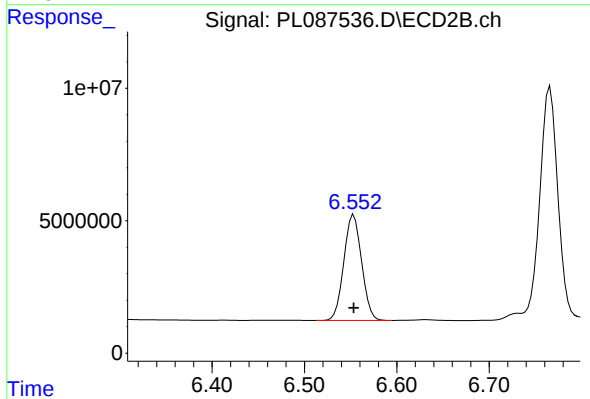
#19 Endosulfan Sulfate

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 97203046
Conc: 74.12 ng/ml



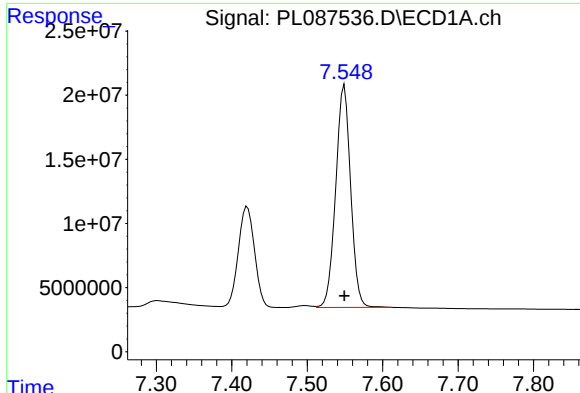
#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 116043045
Conc: 74.01 ng/ml



#20 Methoxychlor

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 53369100
Conc: 73.93 ng/ml



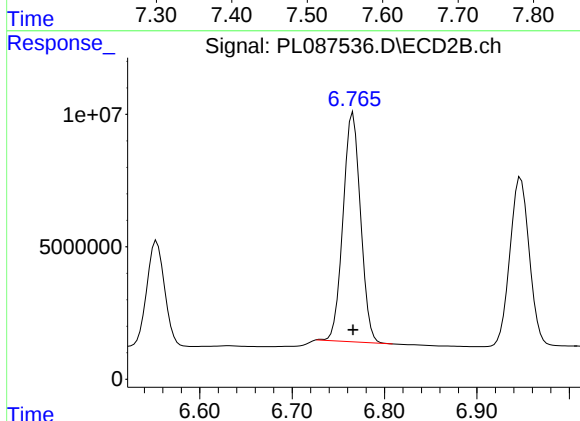
#21 Endrin ketone

R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 238629267
Conc: 74.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

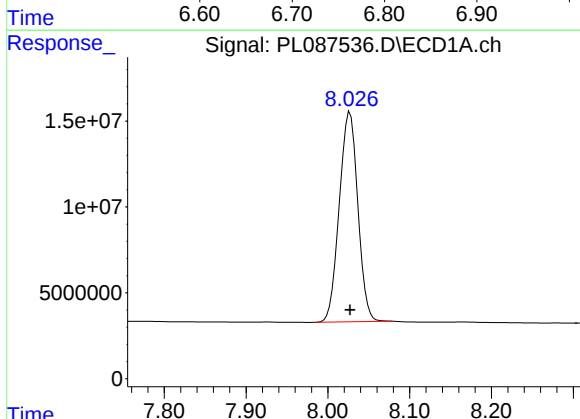
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/29/2023
Supervised By :Ankita Jodhani 12/29/2023



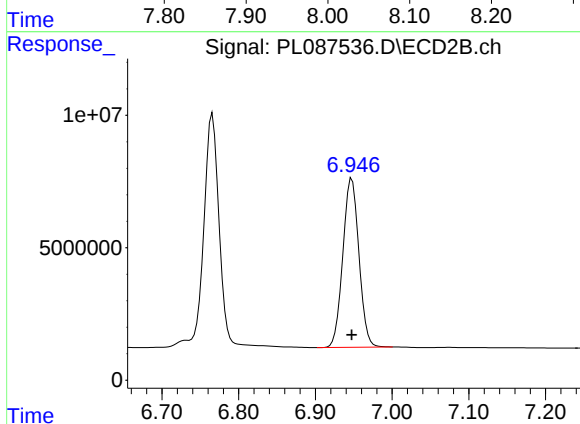
#21 Endrin ketone

R.T.: 6.766 min
Delta R.T.: 0.000 min
Response: 113736293
Conc: 73.63 ng/ml



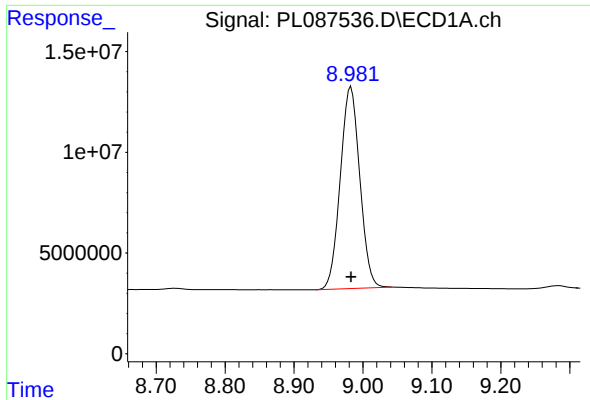
#22 Mirex

R.T.: 8.027 min
Delta R.T.: 0.000 min
Response: 192159830
Conc: 73.73 ng/ml



#22 Mirex

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 93435620
Conc: 73.60 ng/ml



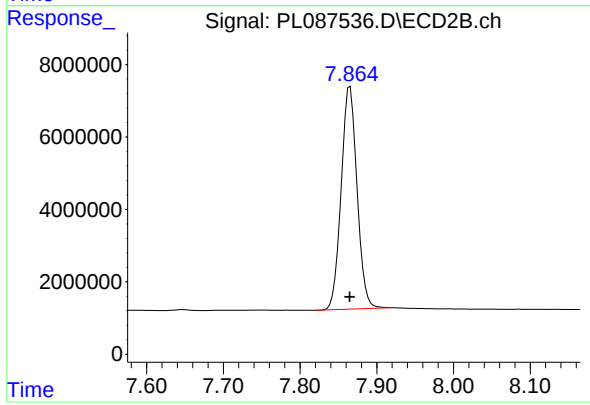
#28 Decachlorobiphenyl

R.T.: 8.983 min
Delta R.T.: 0.000 min
Response: 196957215
Conc: 74.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC075

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/29/2023
Supervised By :Ankita Jodhani 12/29/2023



#28 Decachlorobiphenyl

R.T.: 7.865 min
Delta R.T.: 0.000 min
Response: 88613592
Conc: 73.87 ng/ml