

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121723\
 Data File : PL087212.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2023 12:56
 Operator : AR\AJ
 Sample : 05803-03MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 600572408-MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/18/2023
 Supervised By :Ankita Jodhani 12/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 18 00:28:43 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...	3.426	2.682	66151959	31204845	17.578	18.538
28)	SA Decachlor...	8.983	7.874	43627658	19666694	12.794	11.644
Target Compounds							
2)	A alpha-BHC	3.882	3.187	296.9E6	128.5E6	54.838	52.270
3)	MA gamma-BHC...	4.216	3.517	281.7E6	119.1E6	53.599	49.169m
4)	MA Heptachlor	4.809	3.860	275.6E6	120.3E6	51.738	50.347m
5)	MB Aldrin	5.153	4.141	241.4E6	110.2E6	46.368	45.948
6)	B beta-BHC	4.416	3.818	114.6E6	50517476	49.898	48.528m
7)	B delta-BHC	4.661	4.049	260.7E6	117.0E6	49.846m	47.841
8)	B Heptachlo...	5.582	4.649	206.3E6	103.1E6	43.768	46.347
9)	A Endosulfan I	5.969	5.021	205.8E6	95374391	46.083	44.131
10)	B gamma-Chl...	5.841	4.903	214.9E6	103.4E6	44.334	45.199
11)	B alpha-Chl...	5.921	4.967	215.0E6	102.1E6	44.728	44.243
12)	B 4,4'-DDE	6.102	5.165	189.4E6	89447143	45.715	45.050
13)	MA Dieldrin	6.247	5.288	214.1E6	98732235	46.130	44.319
14)	MA Endrin	6.477	5.563	180.6E6	89936743	46.931	45.067
15)	B Endosulfa...	6.698	5.861	171.2E6	78284453	42.679	40.207
16)	A 4,4'-DDD	6.622	5.724	154.1E6	72718279	46.620	43.919
17)	MA 4,4'-DDT	6.939	5.976	173.6E6	77359468	46.158	41.945
18)	B Endrin al...	6.831	6.043	131.9E6	61983854	45.504	42.234
19)	B Endosulfa...	7.066	6.268	176.9E6	79879823	45.038	42.403
20)	A Methoxychlor	7.424	6.562	83620396	39846134	42.884	39.012
21)	B Endrin ke...	7.553	6.774	176.6E6	86083719	43.413	40.440
22)	Mirex	8.031	6.956	133.2E6	64652390	39.558	36.339

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121723\
Data File : PL087212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Dec 2023 12:56
Operator : AR\AJ
Sample : 05803-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

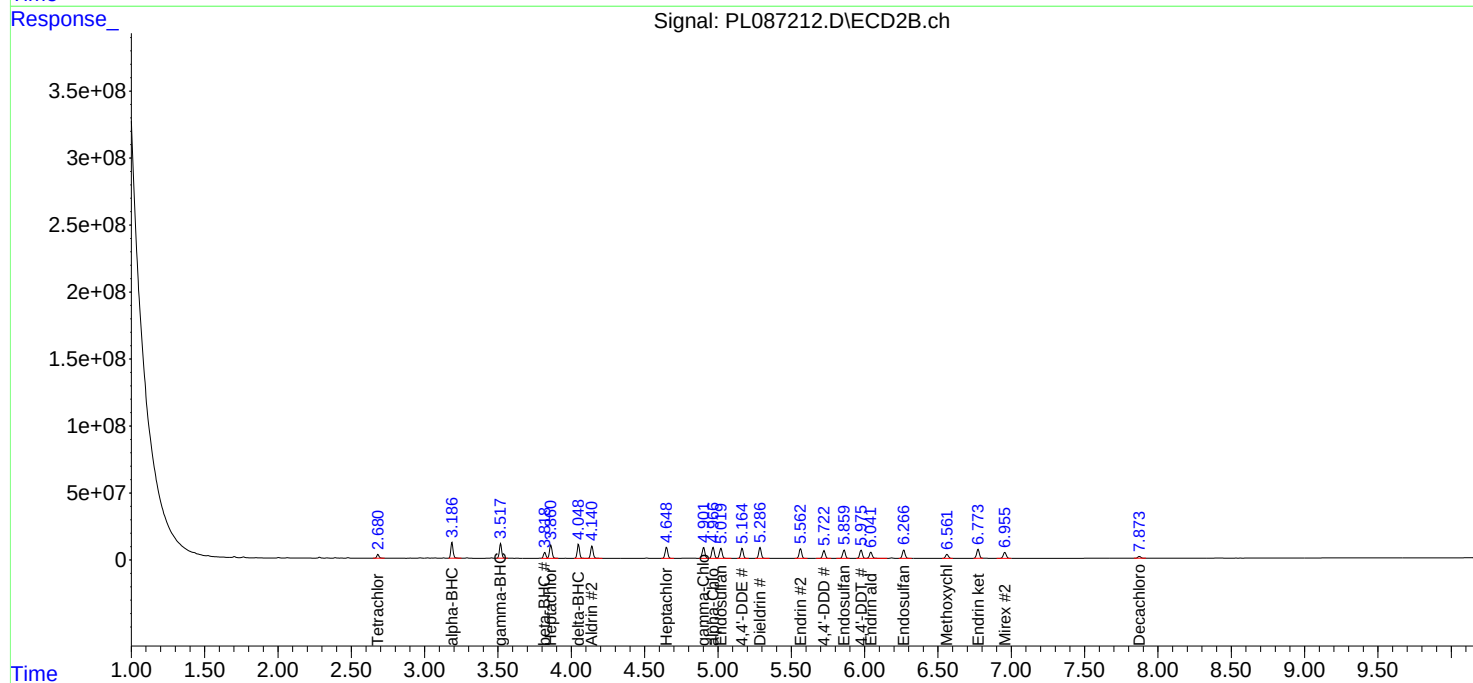
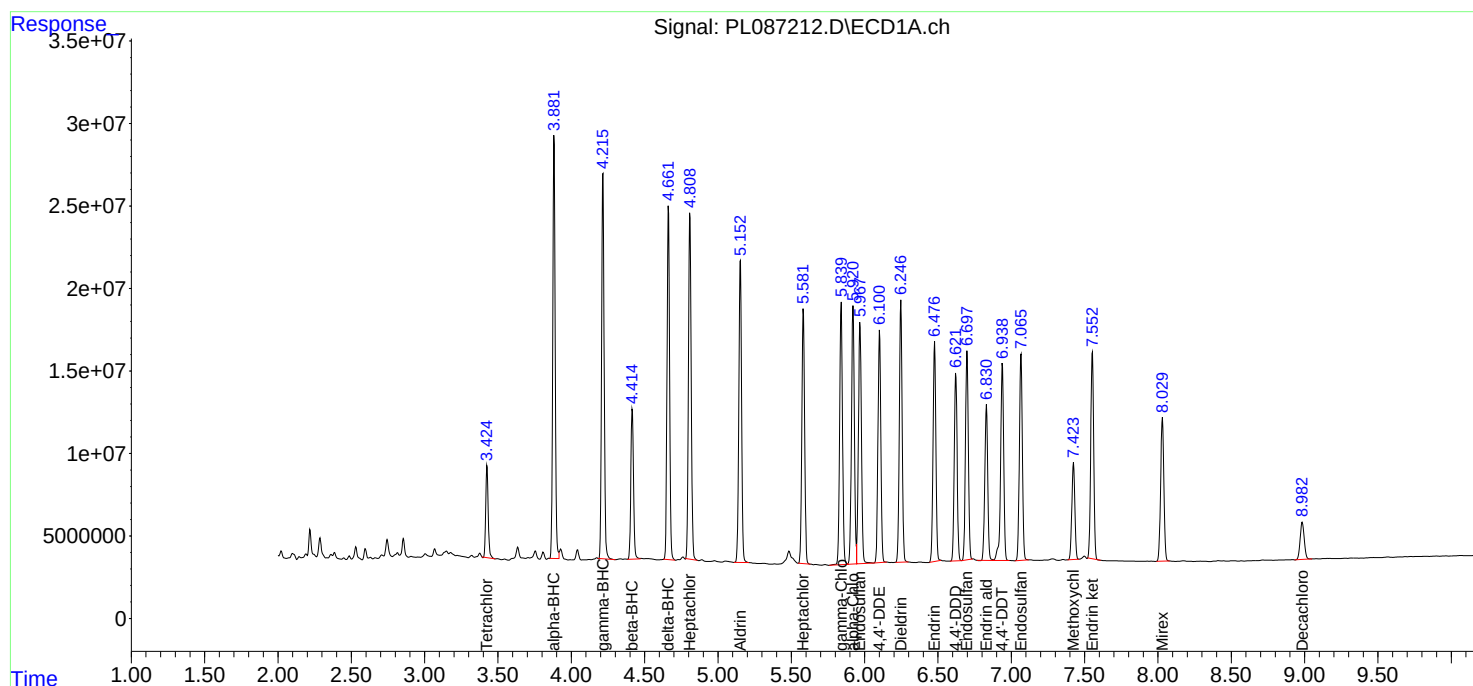
Instrument :
ECD_L
ClientSampleId :
600572408-MSD

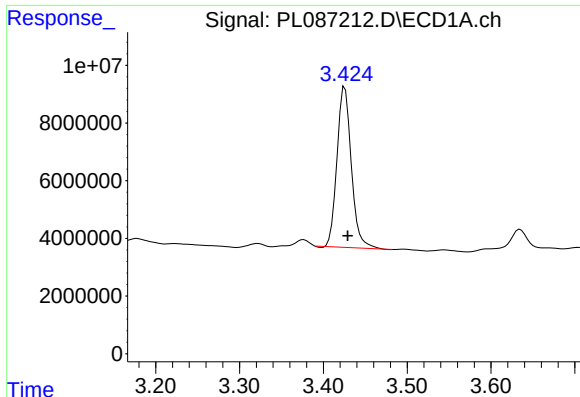
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 12/18/2023
Supervised By : Ankita Jodhani 12/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 18 00:28:43 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





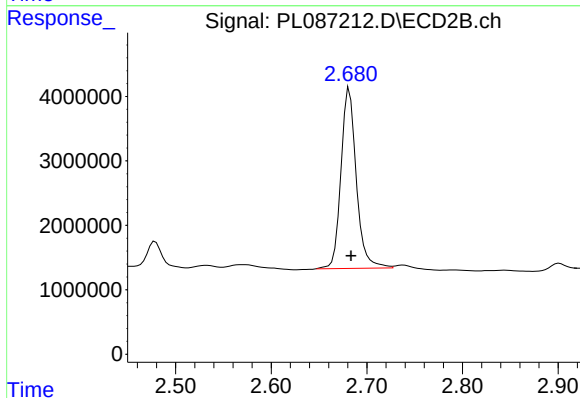
#1 Tetrachloro-m-xylene

R.T.: 3.426 min
Delta R.T.: -0.003 min
Response: 66151959
Conc: 17.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
600572408-MSD

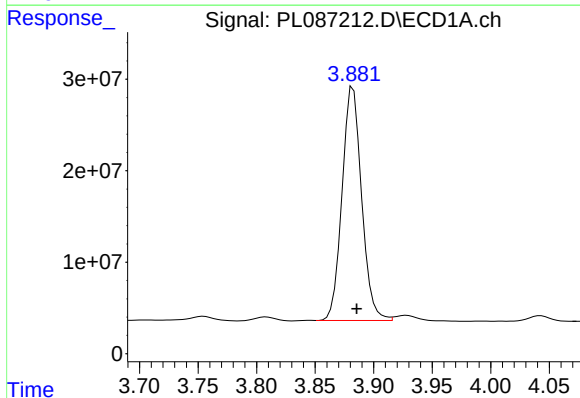
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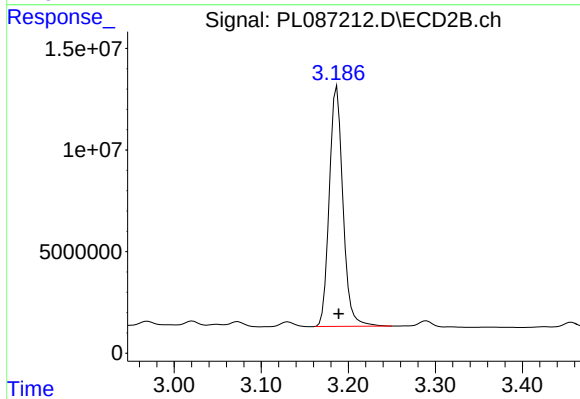
#1 Tetrachloro-m-xylene

R.T.: 2.682 min
Delta R.T.: -0.002 min
Response: 31204845
Conc: 18.54 ng/ml



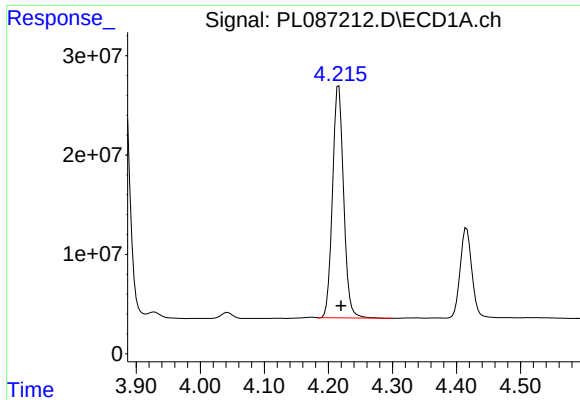
#2 alpha-BHC

R.T.: 3.882 min
Delta R.T.: -0.003 min
Response: 296899015
Conc: 54.84 ng/ml



#2 alpha-BHC

R.T.: 3.187 min
Delta R.T.: -0.002 min
Response: 128458516
Conc: 52.27 ng/ml



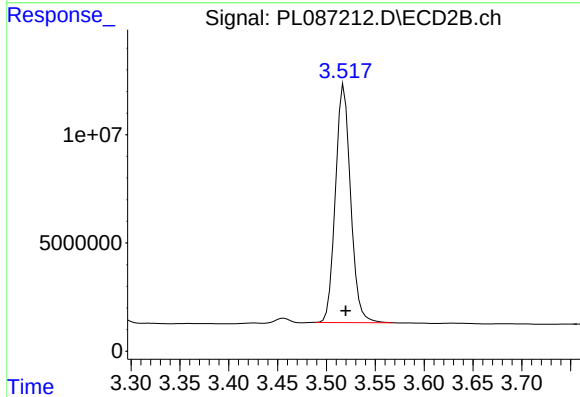
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: -0.004 min
Response: 281697250
Conc: 53.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
600572408-MSD

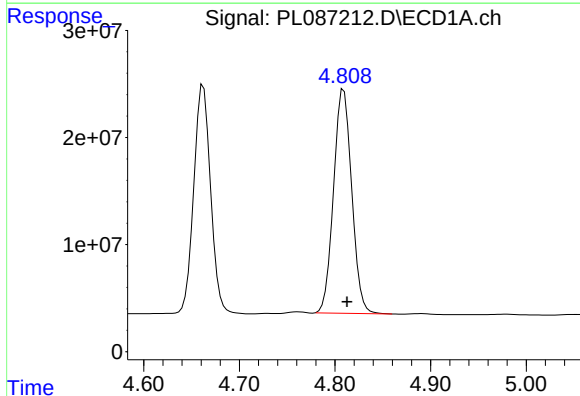
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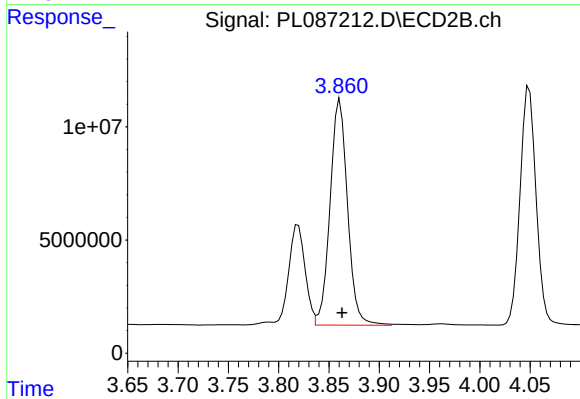
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 119108256
Conc: 49.17 ng/ml m



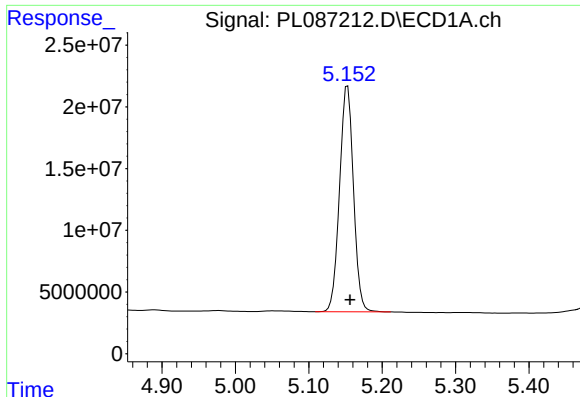
#4 Heptachlor

R.T.: 4.809 min
Delta R.T.: -0.004 min
Response: 275585779
Conc: 51.74 ng/ml



#4 Heptachlor

R.T.: 3.860 min
Delta R.T.: -0.003 min
Response: 120345106
Conc: 50.35 ng/ml m



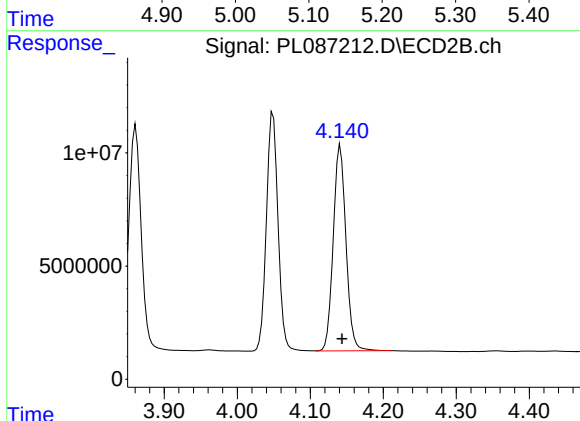
#5 Aldrin

R.T.: 5.153 min
Delta R.T.: -0.003 min
Response: 241408332
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
600572408-MSD

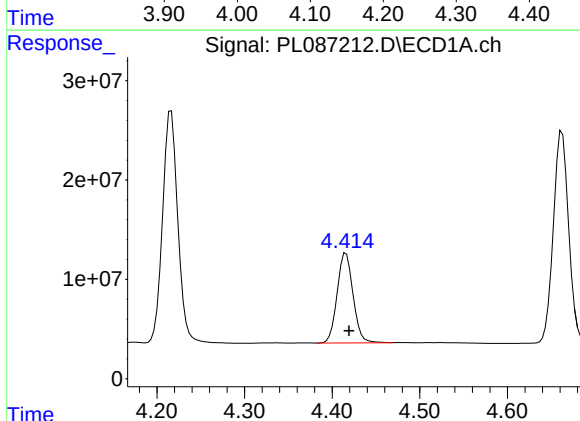
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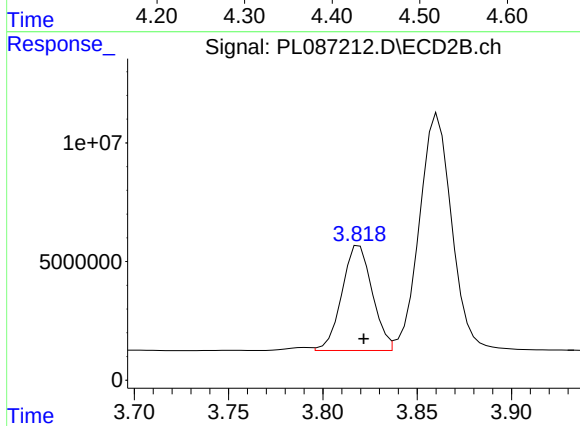
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: -0.002 min
Response: 110172769
Conc: 45.95 ng/ml



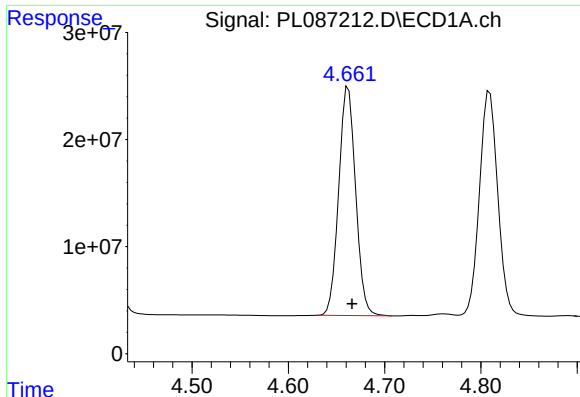
#6 beta-BHC

R.T.: 4.416 min
Delta R.T.: -0.004 min
Response: 114605752
Conc: 49.90 ng/ml



#6 beta-BHC

R.T.: 3.818 min
Delta R.T.: -0.004 min
Response: 50517476
Conc: 48.53 ng/ml m



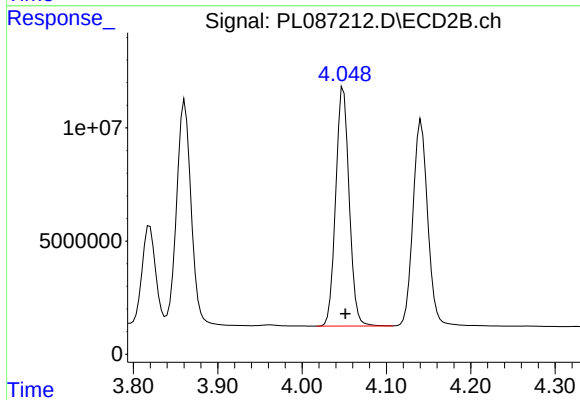
#7 delta-BHC

R.T.: 4.661 min
Delta R.T.: -0.005 min
Response: 260663999
Conc: 49.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
600572408-MSD

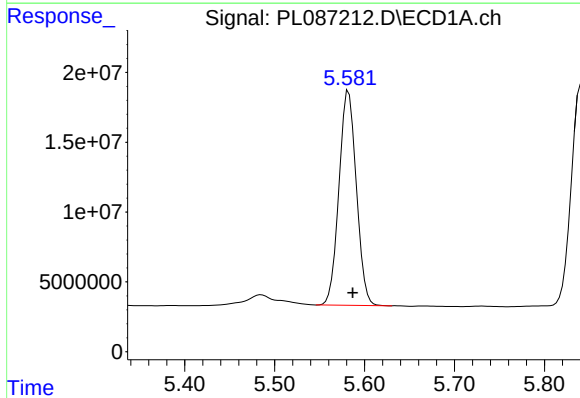
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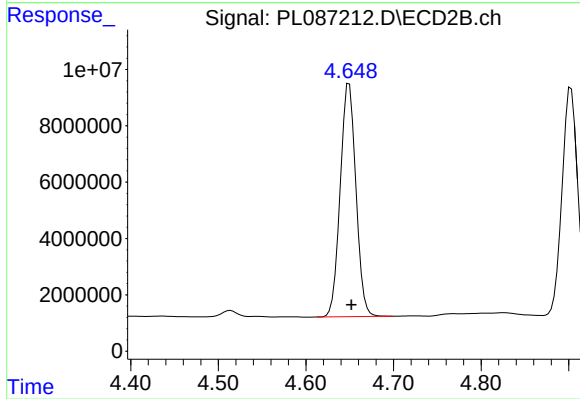
#7 delta-BHC

R.T.: 4.049 min
Delta R.T.: -0.002 min
Response: 117029352
Conc: 47.84 ng/ml



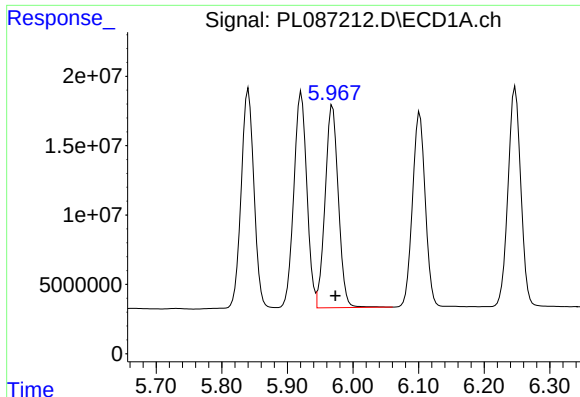
#8 Heptachlor epoxide

R.T.: 5.582 min
Delta R.T.: -0.005 min
Response: 206269368
Conc: 43.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.649 min
Delta R.T.: -0.003 min
Response: 103136206
Conc: 46.35 ng/ml



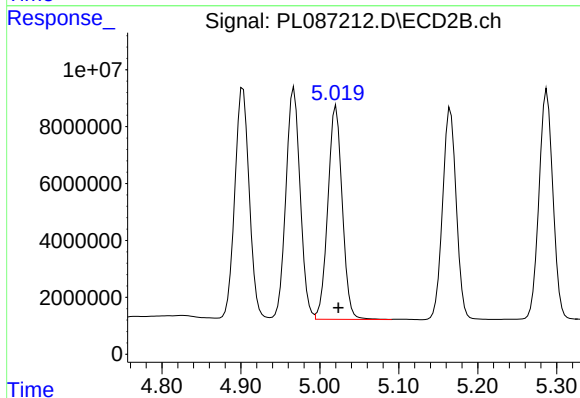
#9 Endosulfan I

R.T.: 5.969 min
Delta R.T.: -0.004 min
Response: 205819549
Conc: 46.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
600572408-MSD

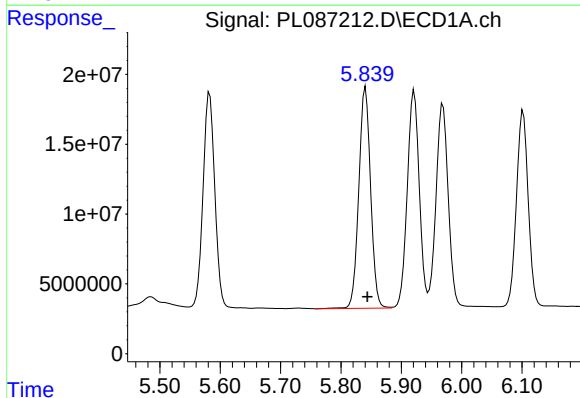
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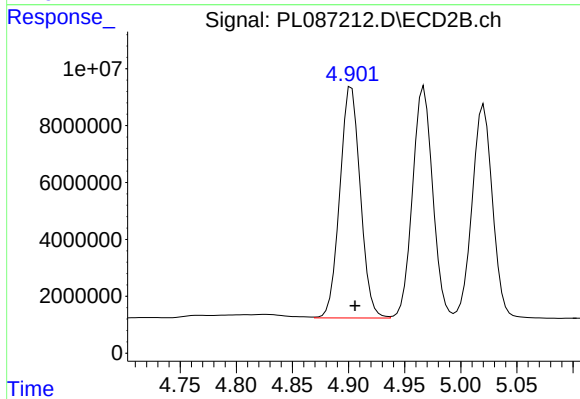
#9 Endosulfan I

R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 95374391
Conc: 44.13 ng/ml



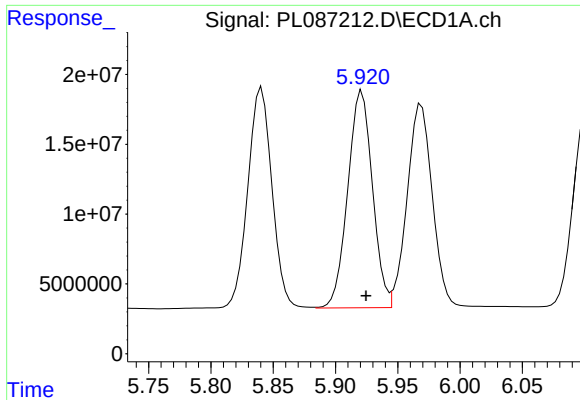
#10 gamma-Chlordane

R.T.: 5.841 min
Delta R.T.: -0.003 min
Response: 214933472
Conc: 44.33 ng/ml



#10 gamma-Chlordane

R.T.: 4.903 min
Delta R.T.: -0.003 min
Response: 103385596
Conc: 45.20 ng/ml



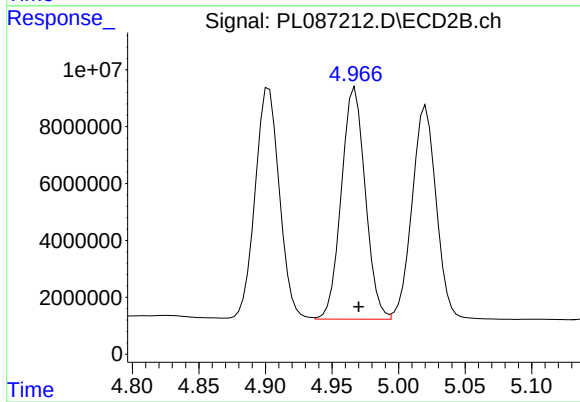
#11 alpha-Chlordane

R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 214970557
Conc: 44.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
600572408-MSD

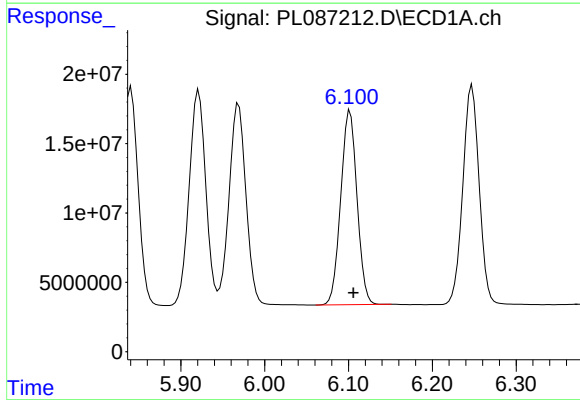
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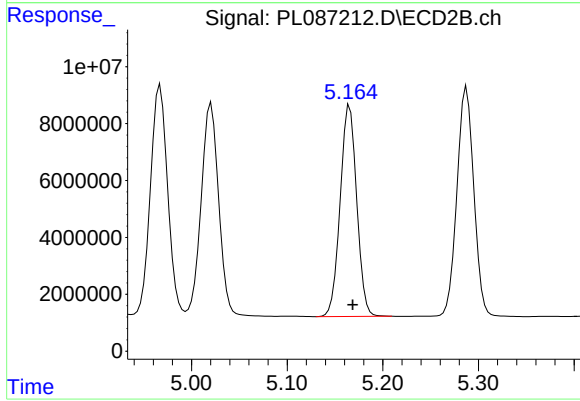
#11 alpha-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.003 min
Response: 102112867
Conc: 44.24 ng/ml



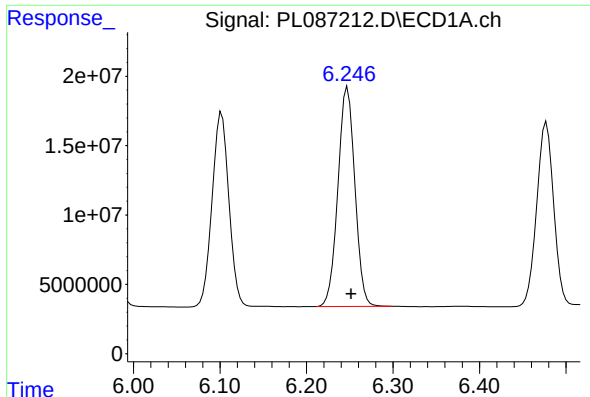
#12 4,4'-DDE

R.T.: 6.102 min
Delta R.T.: -0.004 min
Response: 189446145
Conc: 45.72 ng/ml



#12 4,4'-DDE

R.T.: 5.165 min
Delta R.T.: -0.003 min
Response: 89447143
Conc: 45.05 ng/ml



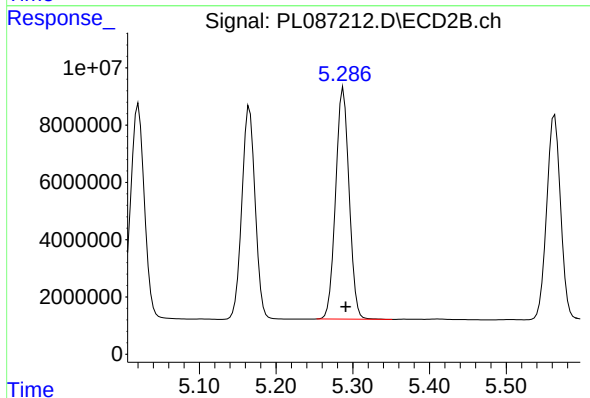
#13 Dieldrin

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 214086867
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
600572408-MSD

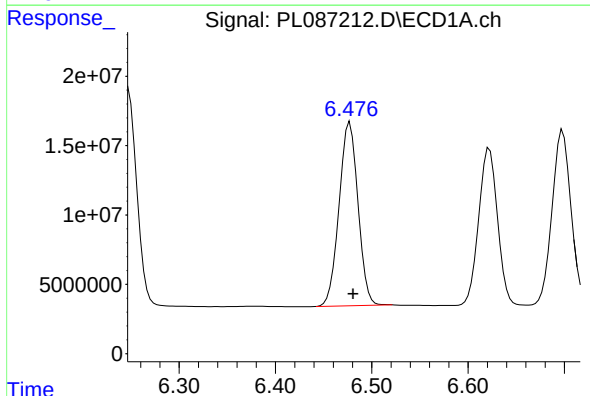
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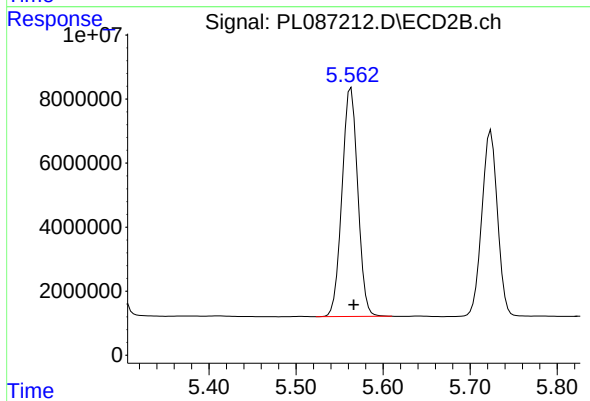
#13 Dieldrin

R.T.: 5.288 min
Delta R.T.: -0.003 min
Response: 98732235
Conc: 44.32 ng/ml



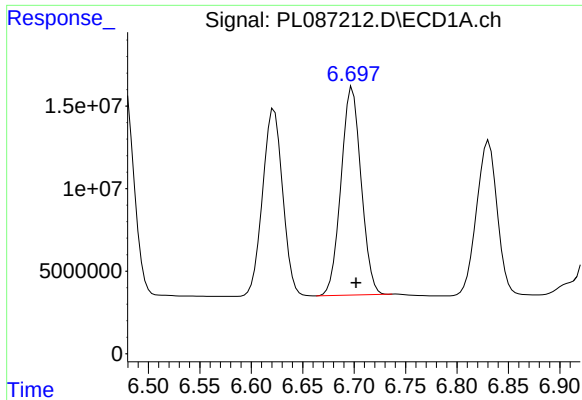
#14 Endrin

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 180561928
Conc: 46.93 ng/ml



#14 Endrin

R.T.: 5.563 min
Delta R.T.: -0.003 min
Response: 89936743
Conc: 45.07 ng/ml



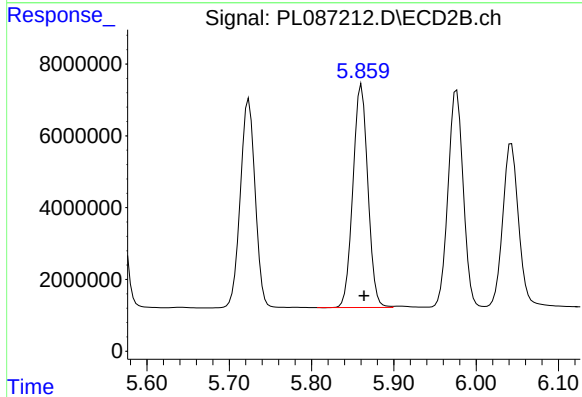
#15 Endosulfan II

R.T.: 6.698 min
Delta R.T.: -0.004 min
Response: 171159866
Conc: 42.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
600572408-MSD

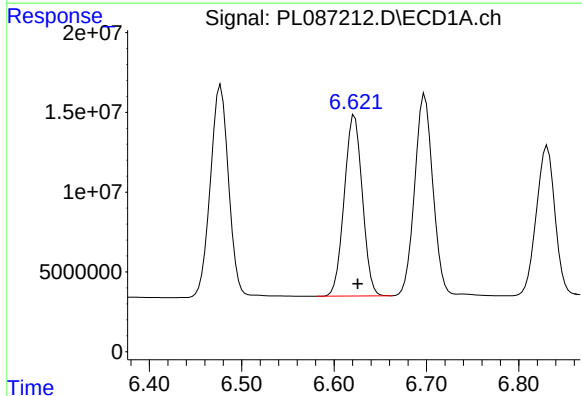
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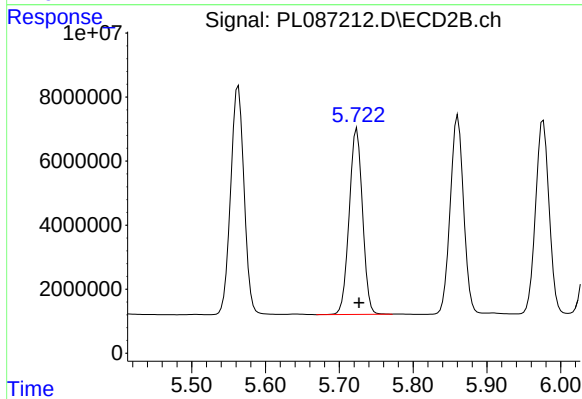
#15 Endosulfan II

R.T.: 5.861 min
Delta R.T.: -0.003 min
Response: 78284453
Conc: 40.21 ng/ml



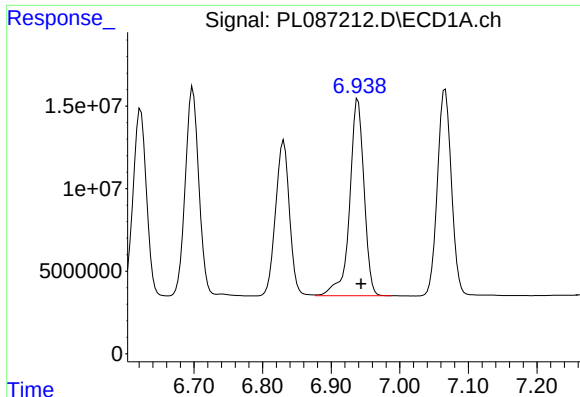
#16 4,4'-DDD

R.T.: 6.622 min
Delta R.T.: -0.004 min
Response: 154083372
Conc: 46.62 ng/ml



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: -0.003 min
Response: 72718279
Conc: 43.92 ng/ml



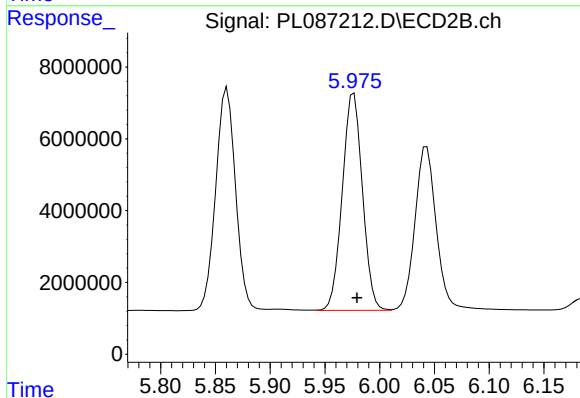
#17 4,4'-DDT

R.T.: 6.939 min
Delta R.T.: -0.004 min
Response: 173563442
Conc: 46.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
600572408-MSD

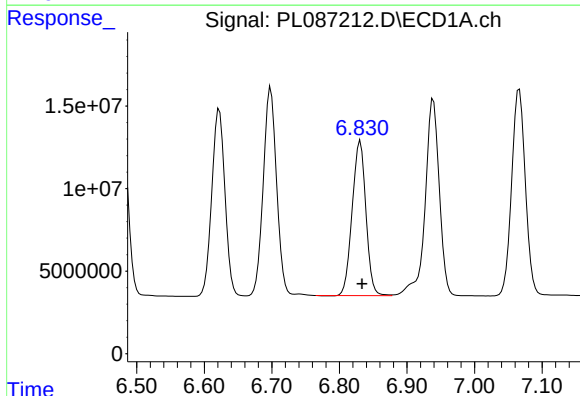
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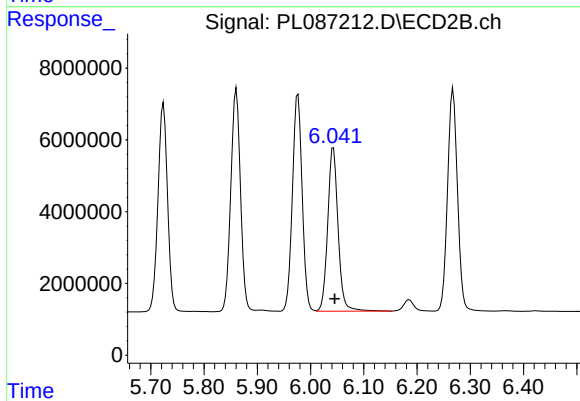
#17 4,4'-DDT

R.T.: 5.976 min
Delta R.T.: -0.003 min
Response: 77359468
Conc: 41.94 ng/ml



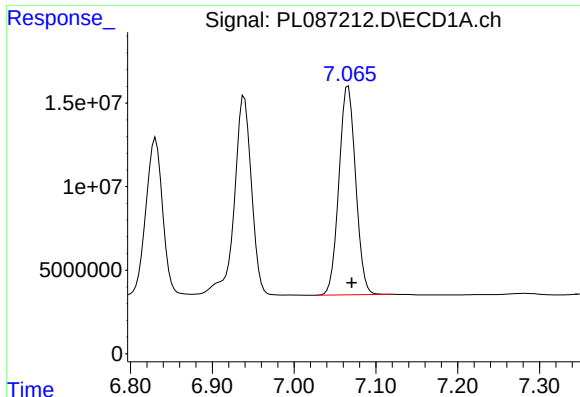
#18 Endrin aldehyde

R.T.: 6.831 min
Delta R.T.: -0.003 min
Response: 131886260
Conc: 45.50 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.003 min
Response: 61983854
Conc: 42.23 ng/ml



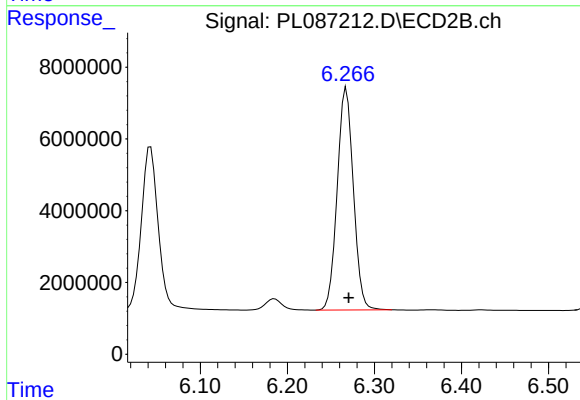
#19 Endosulfan Sulfate

R.T.: 7.066 min
Delta R.T.: -0.004 min
Response: 176857522
Conc: 45.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
600572408-MSD

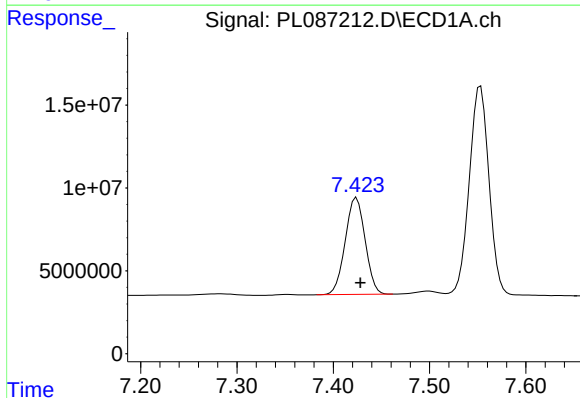
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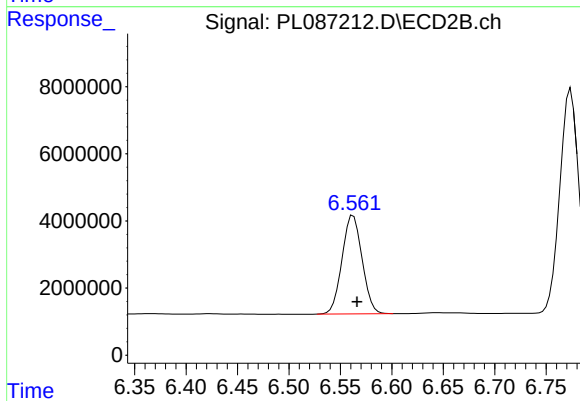
#19 Endosulfan Sulfate

R.T.: 6.268 min
Delta R.T.: -0.003 min
Response: 79879823
Conc: 42.40 ng/ml



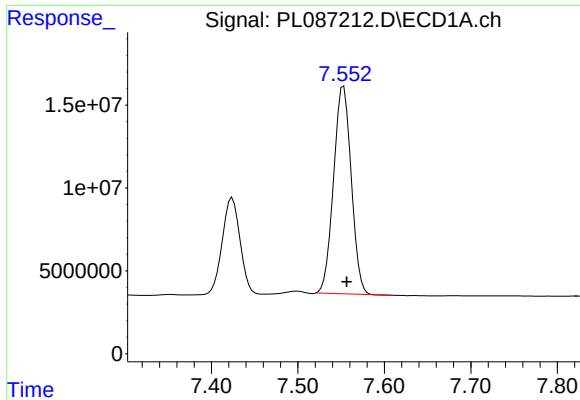
#20 Methoxychlor

R.T.: 7.424 min
Delta R.T.: -0.004 min
Response: 83620396
Conc: 42.88 ng/ml



#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: -0.004 min
Response: 39846134
Conc: 39.01 ng/ml



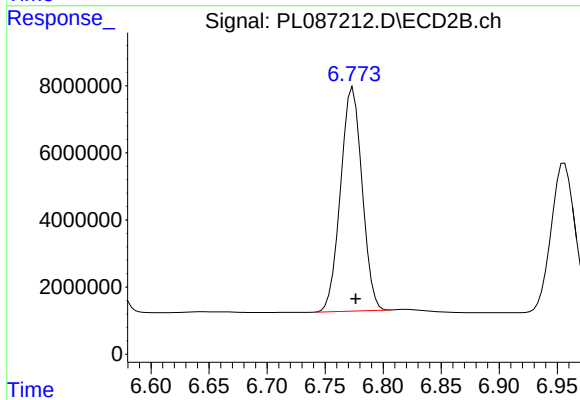
#21 Endrin ketone

R.T.: 7.553 min
Delta R.T.: -0.004 min
Response: 176616238
Conc: 43.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
600572408-MSD

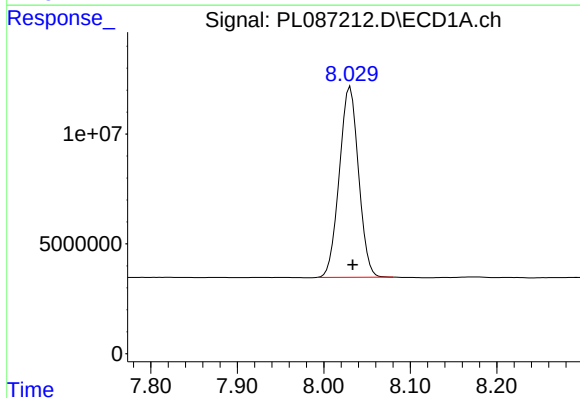
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2023
Supervised By :Ankita Jodhani 12/18/2023



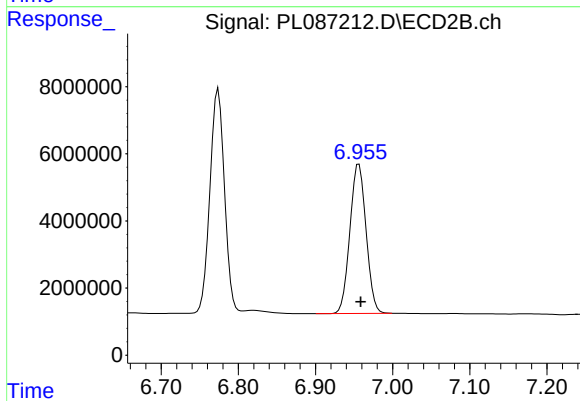
#21 Endrin ketone

R.T.: 6.774 min
Delta R.T.: -0.002 min
Response: 86083719
Conc: 40.44 ng/ml



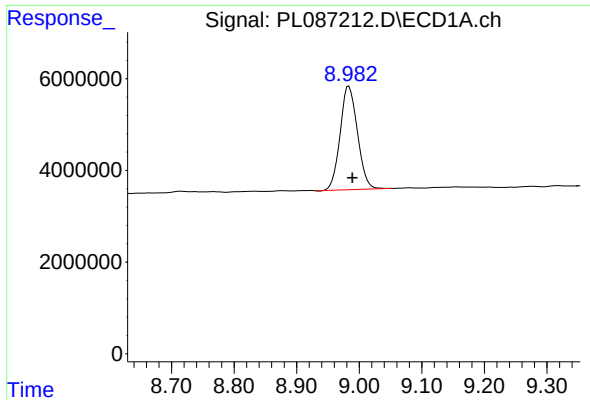
#22 Mirex

R.T.: 8.031 min
Delta R.T.: -0.003 min
Response: 133232586
Conc: 39.56 ng/ml



#22 Mirex

R.T.: 6.956 min
Delta R.T.: -0.002 min
Response: 64652390
Conc: 36.34 ng/ml



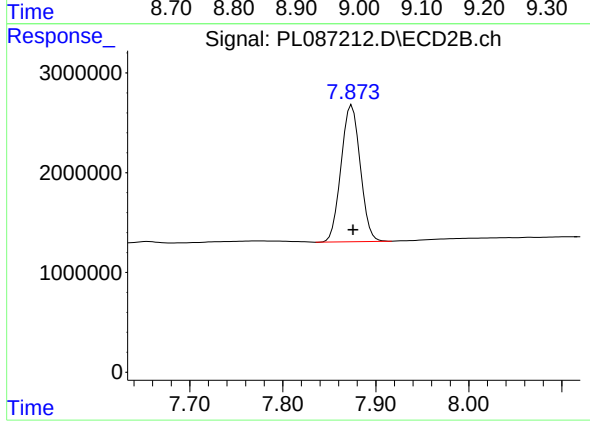
#28 Decachlorobiphenyl

R.T.: 8.983 min
Delta R.T.: -0.006 min
Response: 43627658
Conc: 12.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
600572408-MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.874 min
Delta R.T.: -0.001 min
Response: 19666694
Conc: 11.64 ng/ml