

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
 Data File : PL087337.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Dec 2023 17:57
 Operator : AR\AJ
 Sample : PB157972BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157972BS

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 00:30:18 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	2.678	75544323	30828548	20.073	18.314
28)	SA Decachlor...	8.979	7.867	69514128	30817968	20.386	18.247
Target Compounds							
2)	A alpha-BHC	3.879	3.181	299.7E6	127.3E6	55.349	51.803m
3)	MA gamma-BHC...	4.212	3.513	280.8E6	124.4E6	53.419	51.353
4)	MA Heptachlor	4.803	3.856	281.7E6	119.3E6	52.891m	49.909
5)	MB Aldrin	5.148	4.136	279.2E6	118.5E6	53.631	49.423
6)	B beta-BHC	4.412	3.815	115.1E6	49401678	50.094	47.456
7)	B delta-BHC	4.657	4.044	274.5E6	122.5E6	52.488m	50.082
8)	B Heptachlo...	5.578	4.644	241.8E6	105.4E6	51.298	47.369
9)	A Endosulfan I	5.964	5.015	226.5E6	113.1E6	50.703	52.342
10)	B gamma-Chl...	5.835	4.897	246.5E6	105.7E6	50.846	46.200
11)	B alpha-Chl...	5.916	4.962	244.3E6	112.9E6	50.835	48.930
12)	B 4,4'-DDE	6.097	5.160	212.4E6	91727175	51.248	46.198
13)	MA Dieldrin	6.242	5.282	238.4E6	103.8E6	51.369	46.599
14)	MA Endrin	6.472	5.557	196.2E6	90597524	50.999	45.398
15)	B Endosulfa...	6.694	5.854	196.1E6	86862948	48.905	44.613m
16)	A 4,4'-DDD	6.618	5.718	165.5E6	75047041	50.084	45.325
17)	MA 4,4'-DDT	6.935	5.970	183.4E6	83915006	48.785	45.499
18)	B Endrin al...	6.825	6.038	150.3E6	67882025	51.874	46.253
19)	B Endosulfa...	7.062	6.263	188.0E6	84613608	47.885	44.916
20)	A Methoxychlor	7.421	6.557	95946473	46977734	49.205	45.994
21)	B Endrin ke...	7.546	6.767	197.5E6	97106037	48.543m	45.618m
22)	Mirex	8.025	6.950	166.7E6	81244566	49.488	45.665

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122123\
Data File : PL087337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Dec 2023 17:57
Operator : AR\AJ
Sample : PB157972BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB157972BS

Manual Integrations

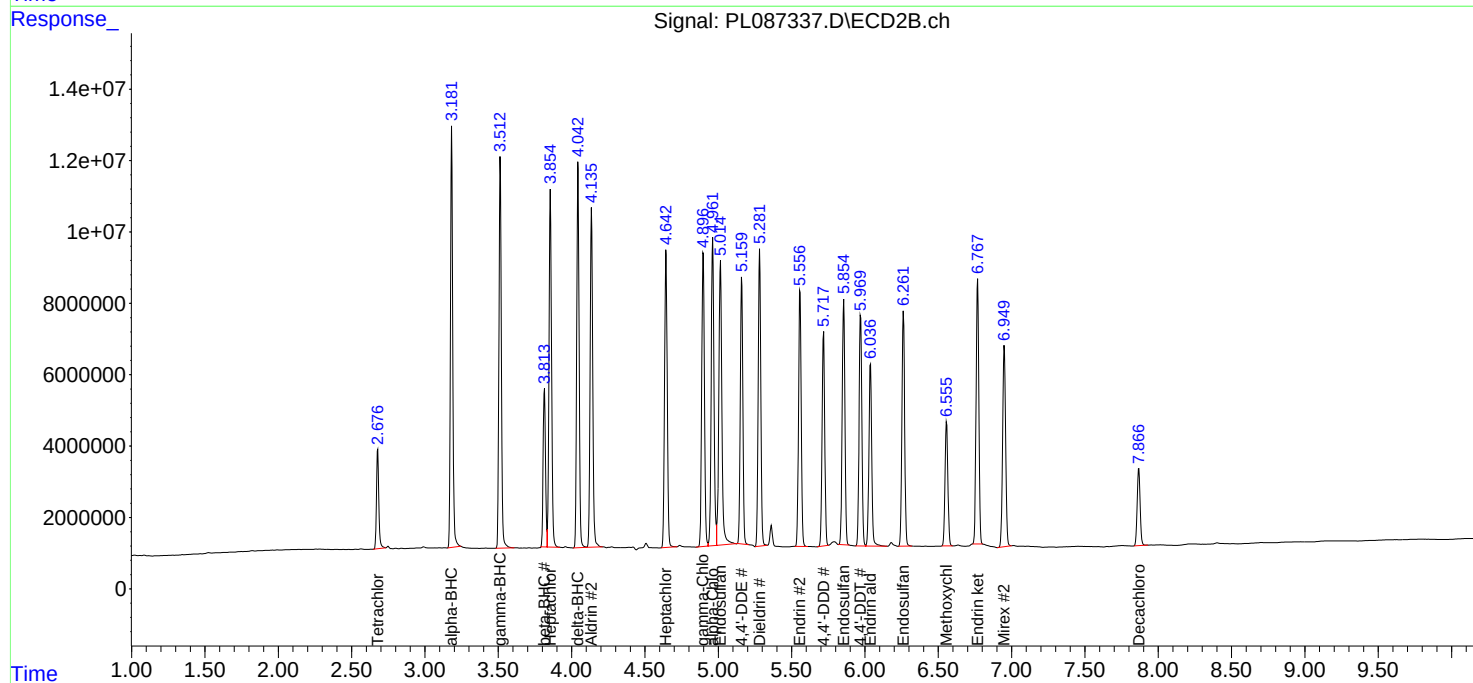
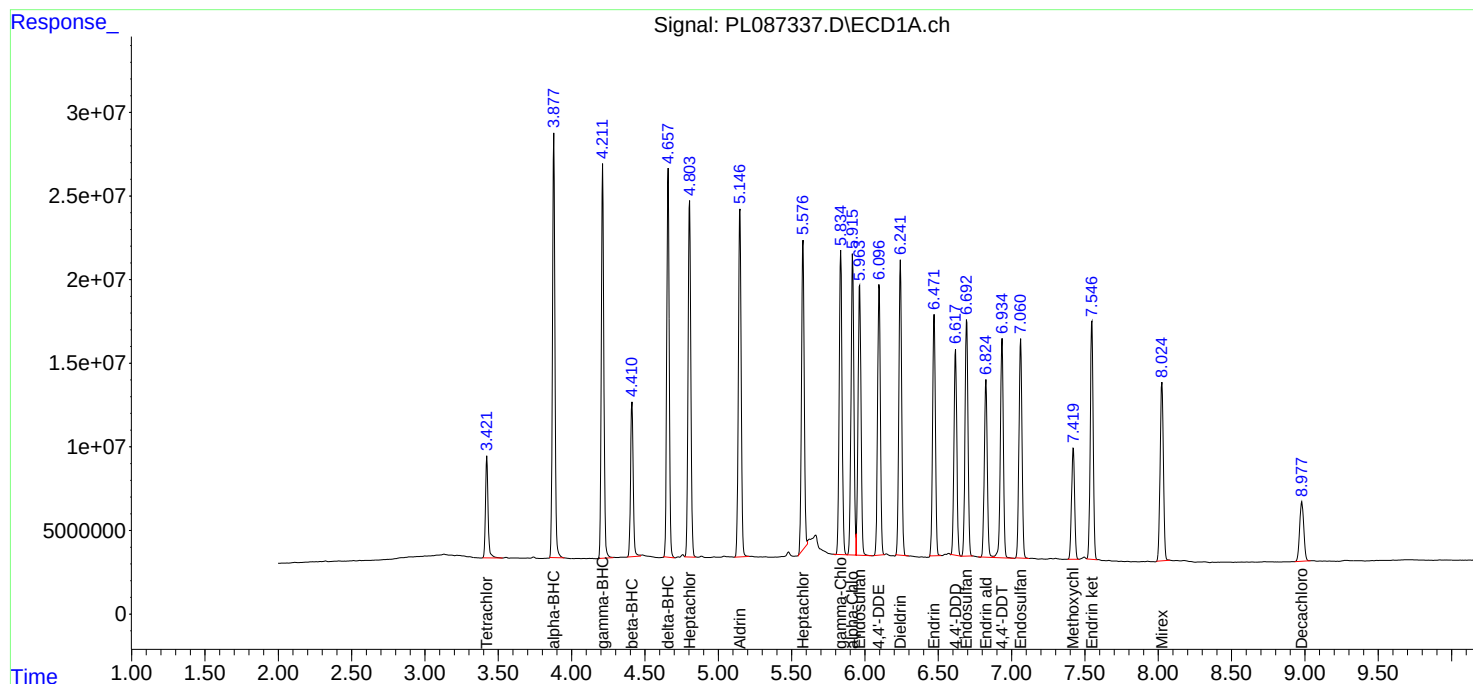
APPROVED

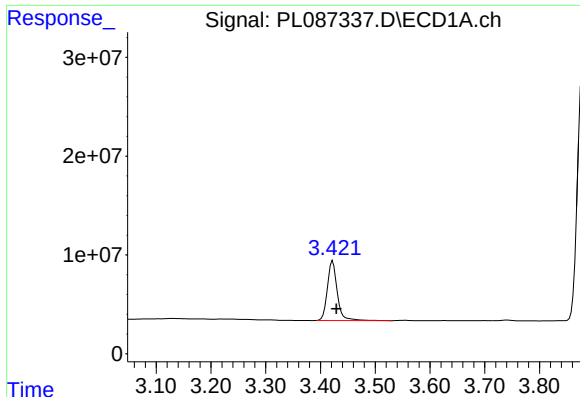
Reviewed By :Abdul Mirza 12/22/2023

Supervised By :Ankita Jodhani 12/22/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 22 00:30:18 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





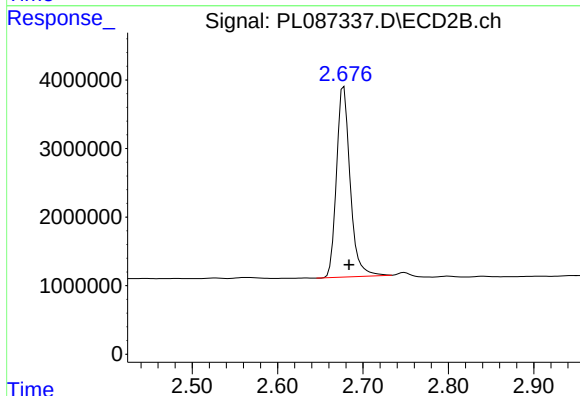
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: -0.007 min
Response: 75544323
Conc: 20.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157972BS

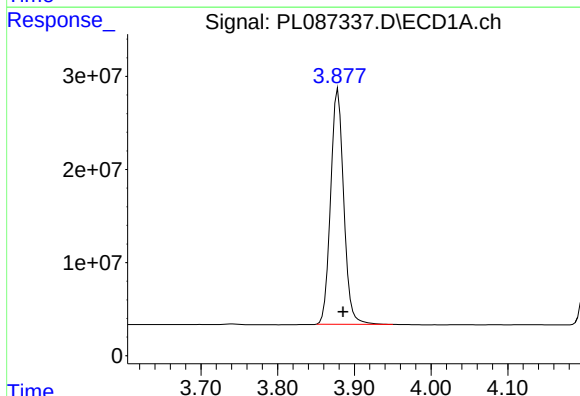
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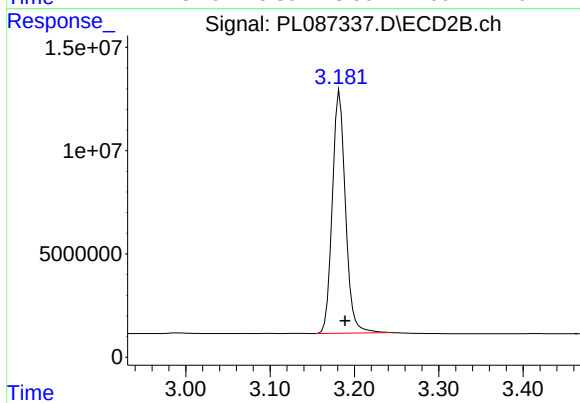
#1 Tetrachloro-m-xylene

R.T.: 2.678 min
Delta R.T.: -0.006 min
Response: 30828548
Conc: 18.31 ng/ml



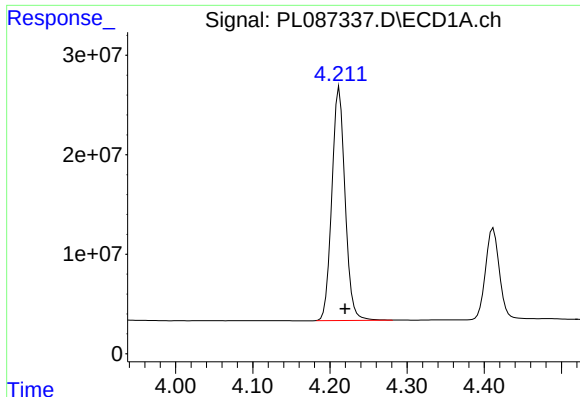
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.007 min
Response: 299665185
Conc: 55.35 ng/ml



#2 alpha-BHC

R.T.: 3.181 min
Delta R.T.: -0.008 min
Response: 127310155
Conc: 51.80 ng/ml m



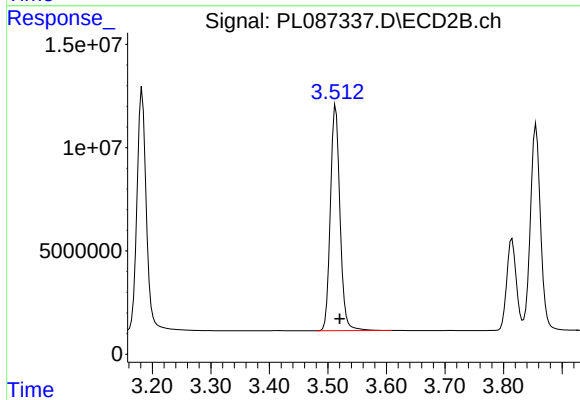
#3 gamma-BHC (Lindane)

R.T.: 4.212 min
Delta R.T.: -0.008 min
Response: 280753078
Conc: 53.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157972BS

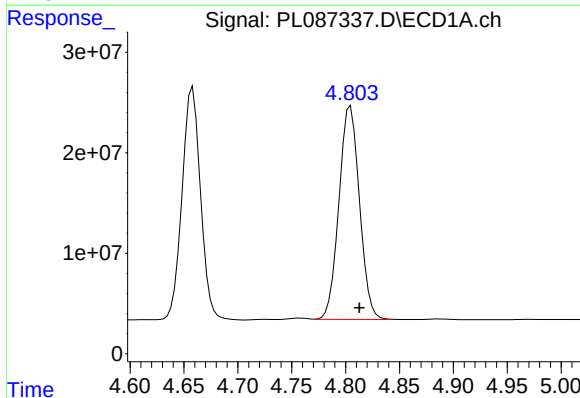
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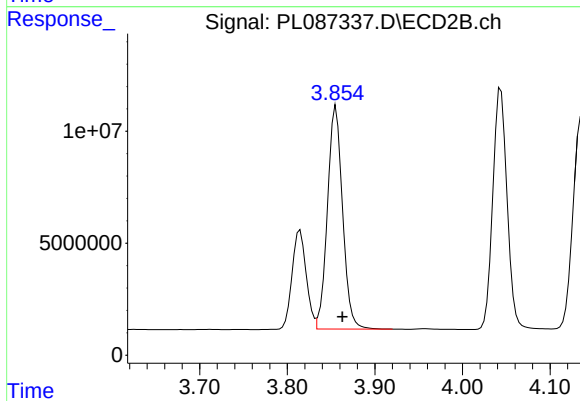
#3 gamma-BHC (Lindane)

R.T.: 3.513 min
Delta R.T.: -0.007 min
Response: 124397415
Conc: 51.35 ng/ml



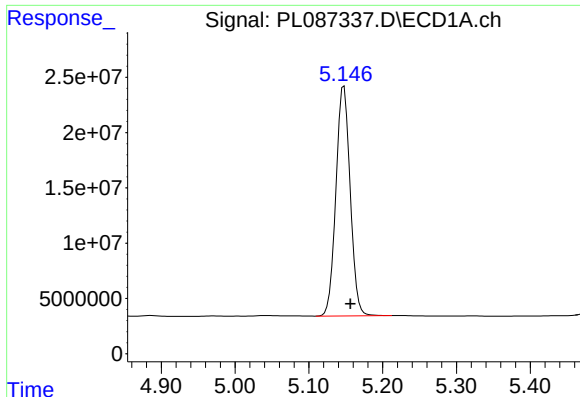
#4 Heptachlor

R.T.: 4.803 min
Delta R.T.: -0.010 min
Response: 281728385
Conc: 52.89 ng/ml m



#4 Heptachlor

R.T.: 3.856 min
Delta R.T.: -0.007 min
Response: 119297077
Conc: 49.91 ng/ml



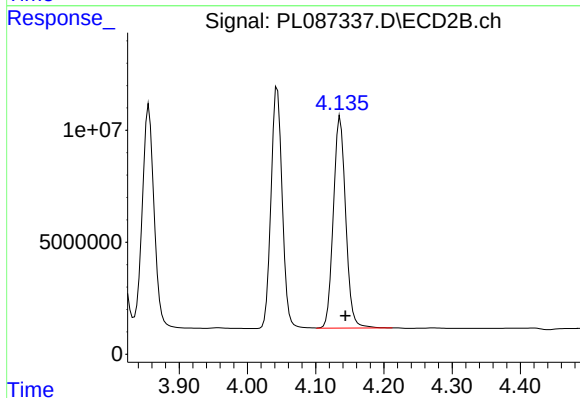
#5 Aldrin

R.T.: 5.148 min
Delta R.T.: -0.009 min
Response: 279222553
Conc: 53.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157972BS

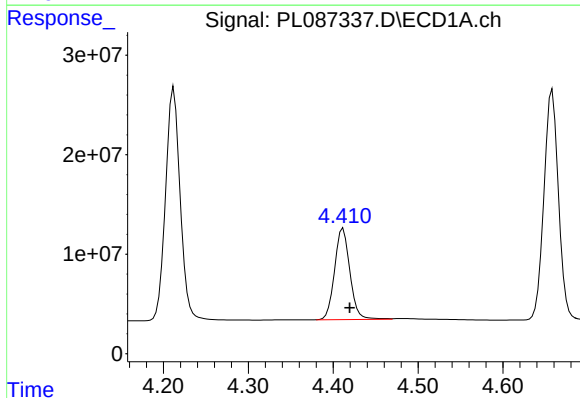
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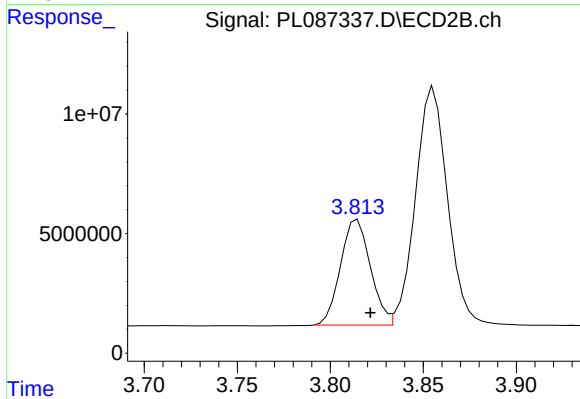
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.008 min
Response: 118504174
Conc: 49.42 ng/ml



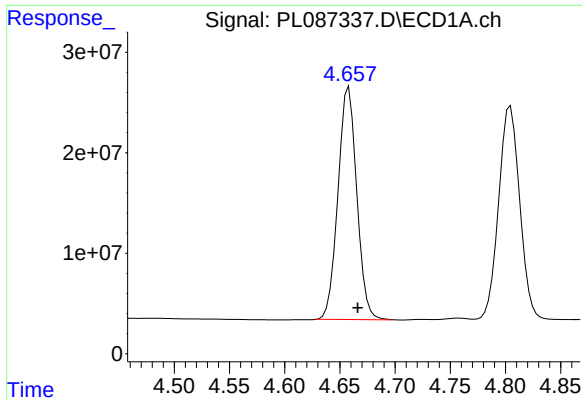
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: -0.008 min
Response: 115055566
Conc: 50.09 ng/ml



#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.007 min
Response: 49401678
Conc: 47.46 ng/ml



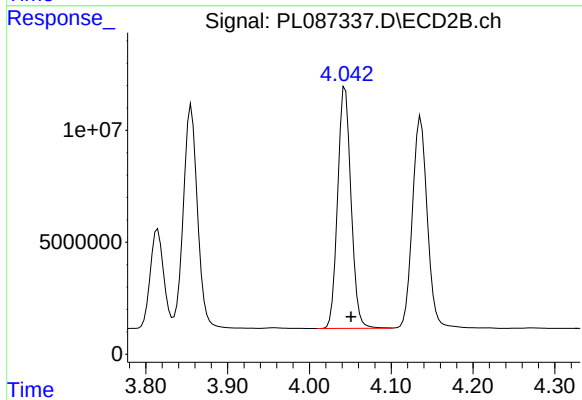
#7 delta-BHC

R.T.: 4.657 min
Delta R.T.: -0.009 min
Response: 274481292
Conc: 52.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157972BS

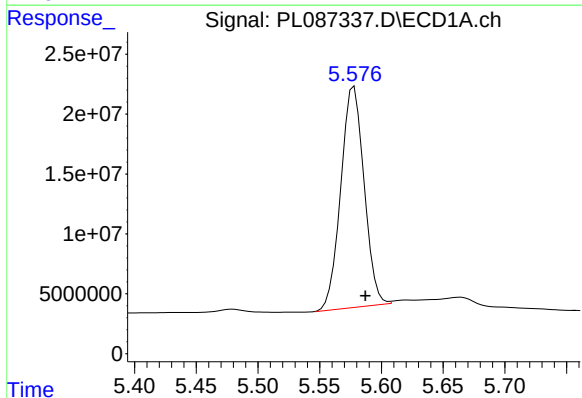
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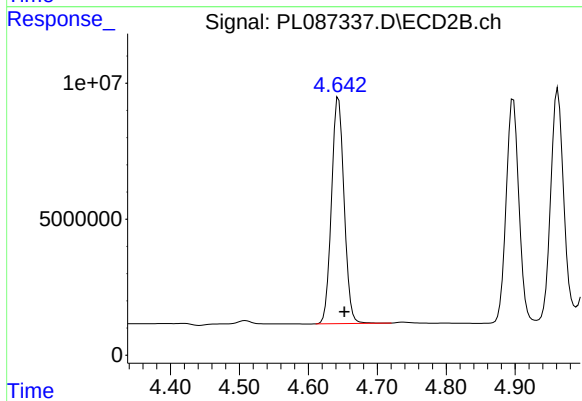
#7 delta-BHC

R.T.: 4.044 min
Delta R.T.: -0.007 min
Response: 122509747
Conc: 50.08 ng/ml



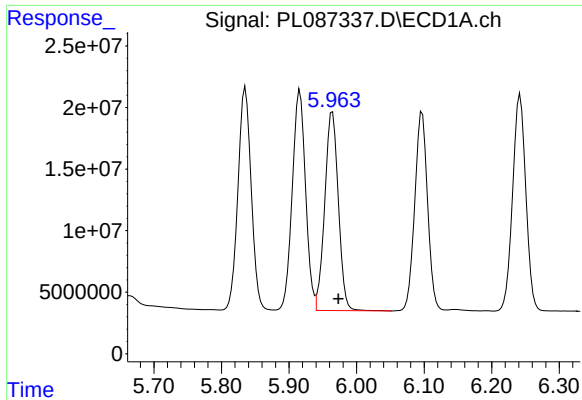
#8 Heptachlor epoxide

R.T.: 5.578 min
Delta R.T.: -0.009 min
Response: 241757021
Conc: 51.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: -0.008 min
Response: 105411254
Conc: 47.37 ng/ml



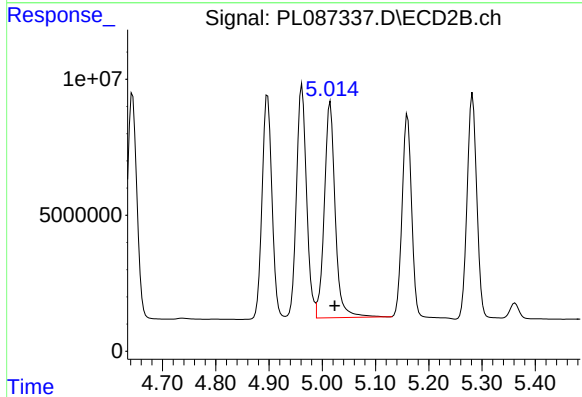
#9 Endosulfan I

R.T.: 5.964 min
Delta R.T.: -0.009 min
Response: 226454402
Conc: 50.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157972BS

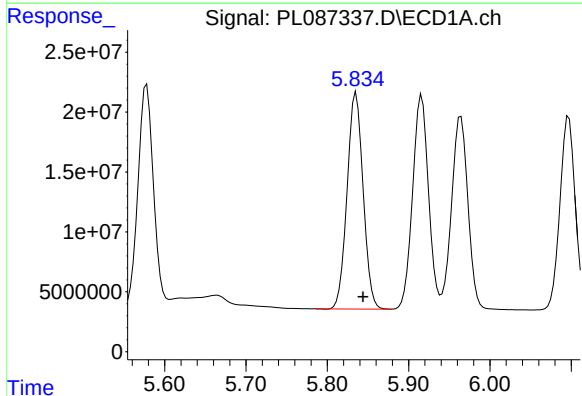
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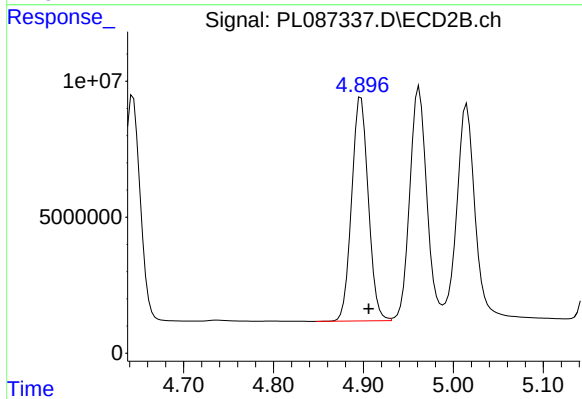
#9 Endosulfan I

R.T.: 5.015 min
Delta R.T.: -0.008 min
Response: 113118952
Conc: 52.34 ng/ml



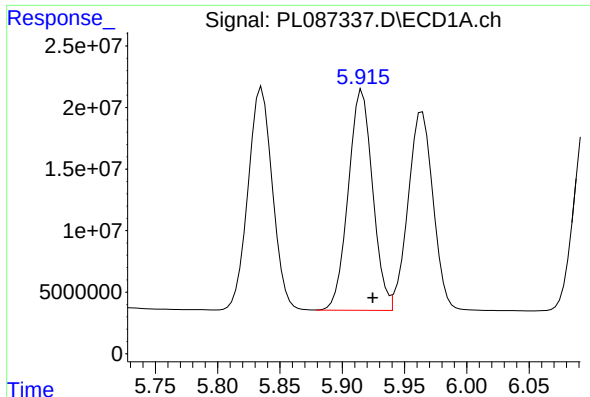
#10 gamma-Chlordane

R.T.: 5.835 min
Delta R.T.: -0.008 min
Response: 246503832
Conc: 50.85 ng/ml



#10 gamma-Chlordane

R.T.: 4.897 min
Delta R.T.: -0.008 min
Response: 105675628
Conc: 46.20 ng/ml



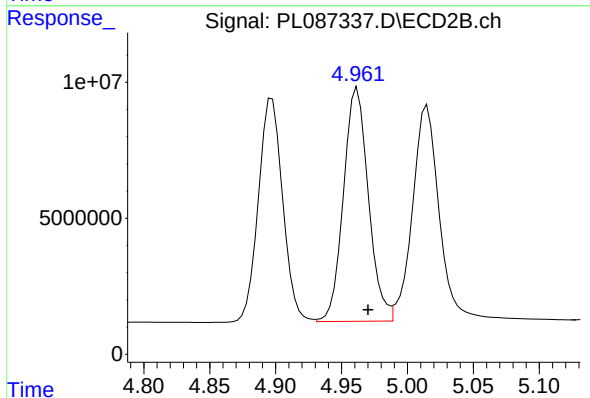
#11 alpha-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.008 min
Response: 244320862
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157972BS

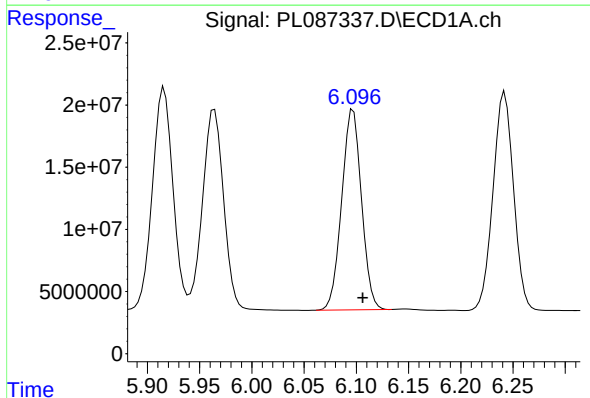
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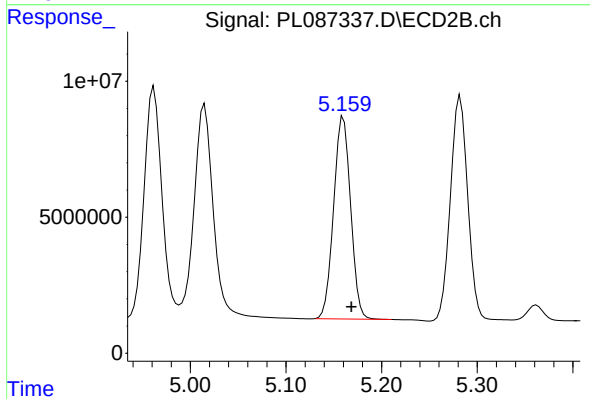
#11 alpha-Chlordane

R.T.: 4.962 min
Delta R.T.: -0.008 min
Response: 112931637
Conc: 48.93 ng/ml



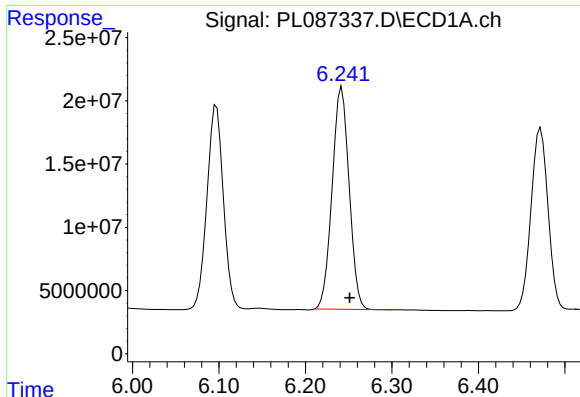
#12 4,4'-DDE

R.T.: 6.097 min
Delta R.T.: -0.009 min
Response: 212371872
Conc: 51.25 ng/ml



#12 4,4'-DDE

R.T.: 5.160 min
Delta R.T.: -0.008 min
Response: 91727175
Conc: 46.20 ng/ml



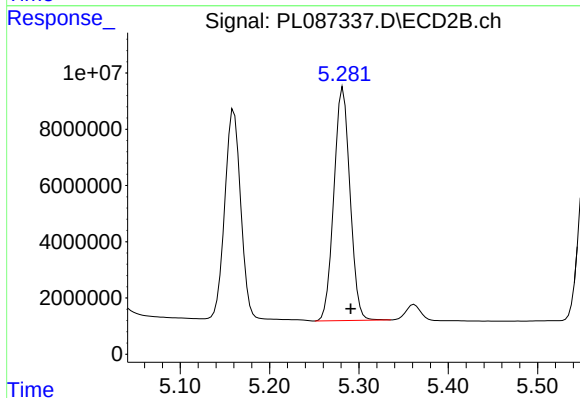
#13 Dieldrin

R.T.: 6.242 min
Delta R.T.: -0.009 min
Response: 238400102
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157972BS

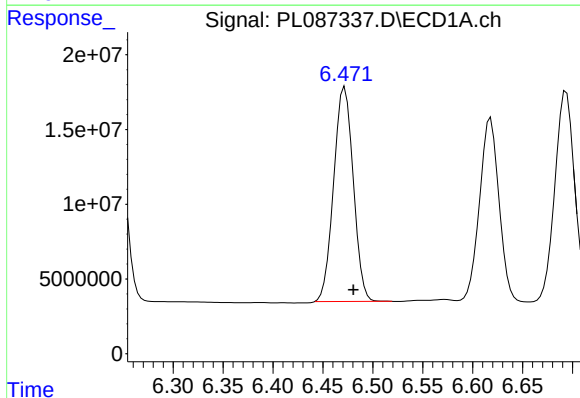
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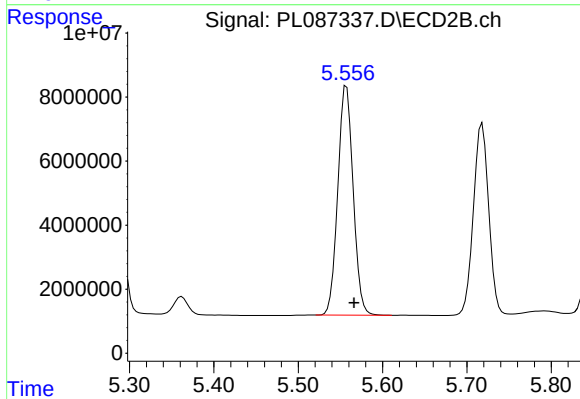
#13 Dieldrin

R.T.: 5.282 min
Delta R.T.: -0.008 min
Response: 103810658
Conc: 46.60 ng/ml



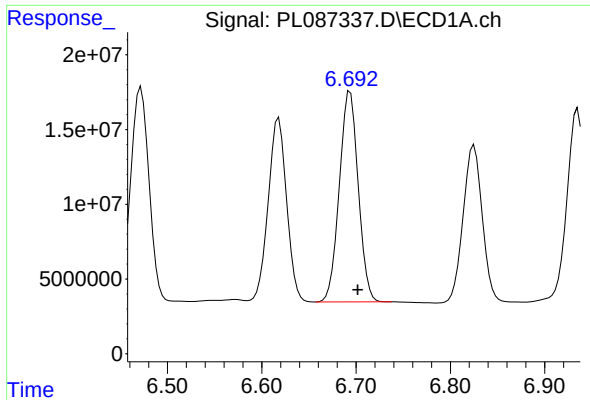
#14 Endrin

R.T.: 6.472 min
Delta R.T.: -0.008 min
Response: 196213724
Conc: 51.00 ng/ml



#14 Endrin

R.T.: 5.557 min
Delta R.T.: -0.009 min
Response: 90597524
Conc: 45.40 ng/ml



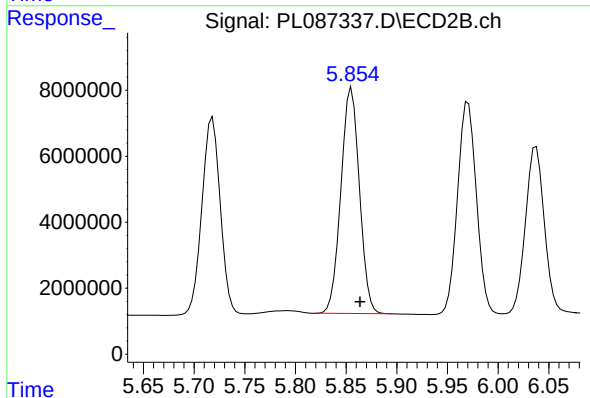
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: -0.008 min
Response: 196127249
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157972BS

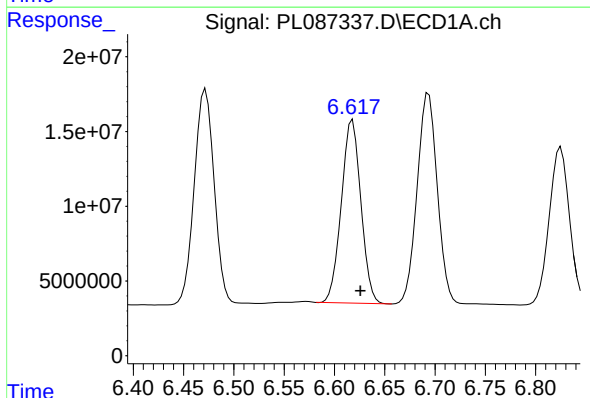
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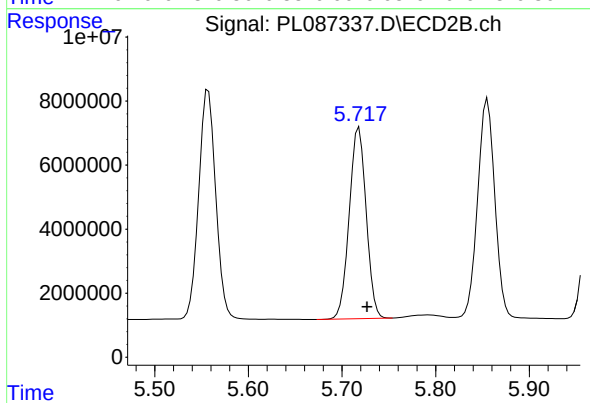
#15 Endosulfan II

R.T.: 5.854 min
Delta R.T.: -0.010 min
Response: 86862948
Conc: 44.61 ng/ml m



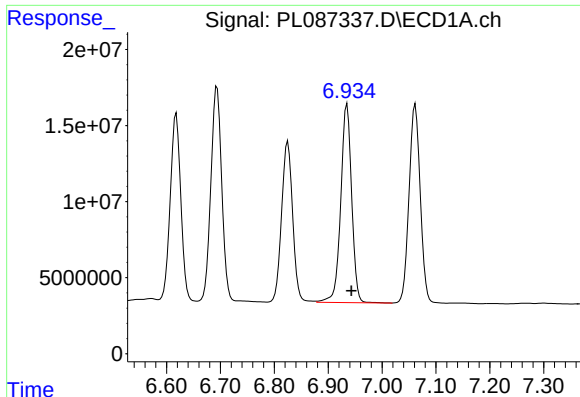
#16 4,4'-DDD

R.T.: 6.618 min
Delta R.T.: -0.008 min
Response: 165534279
Conc: 50.08 ng/ml



#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: -0.009 min
Response: 75047041
Conc: 45.33 ng/ml



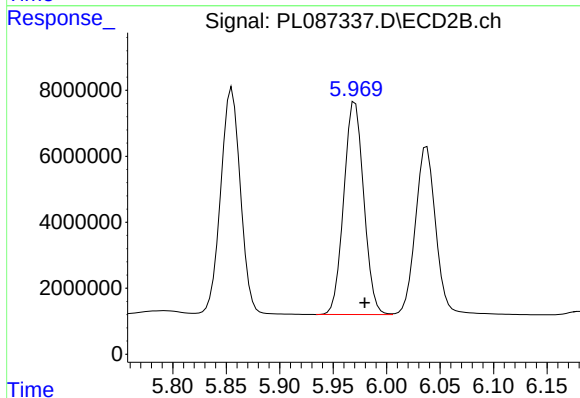
#17 4,4'-DDT

R.T.: 6.935 min
Delta R.T.: -0.008 min
Response: 183443322
Conc: 48.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157972BS

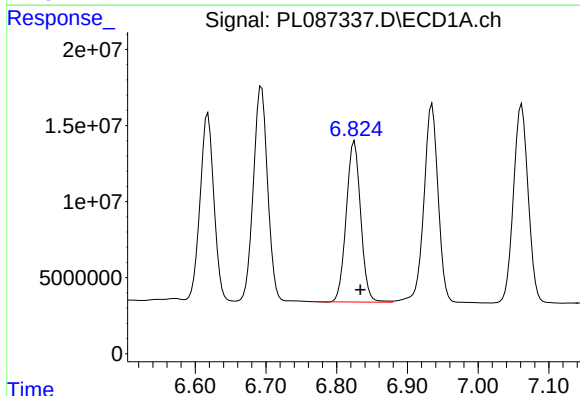
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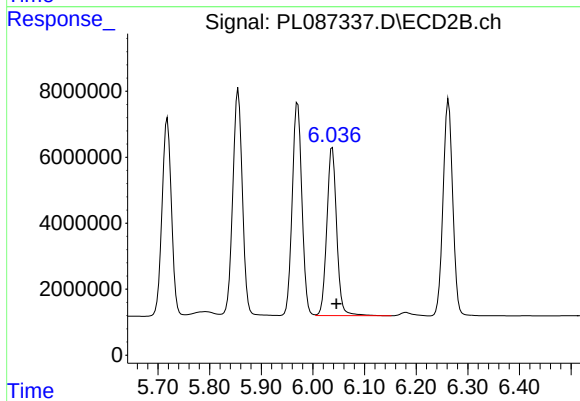
#17 4,4'-DDT

R.T.: 5.970 min
Delta R.T.: -0.009 min
Response: 83915006
Conc: 45.50 ng/ml



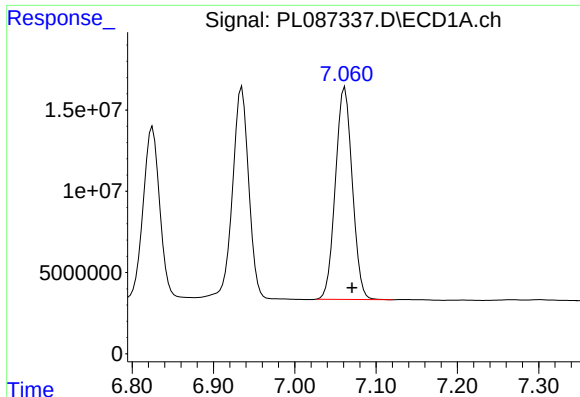
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: -0.008 min
Response: 150349501
Conc: 51.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.038 min
Delta R.T.: -0.008 min
Response: 67882025
Conc: 46.25 ng/ml



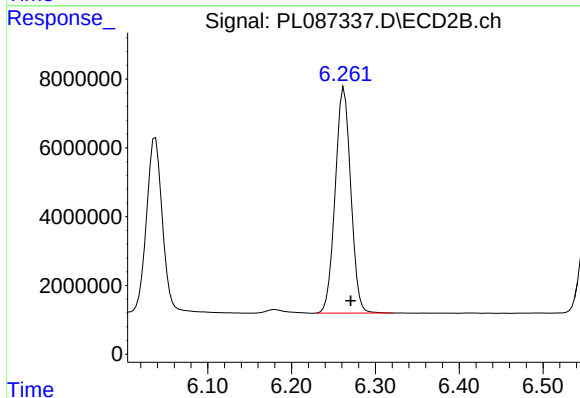
#19 Endosulfan Sulfate

R.T.: 7.062 min
Delta R.T.: -0.009 min
Response: 188037749
Conc: 47.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157972BS

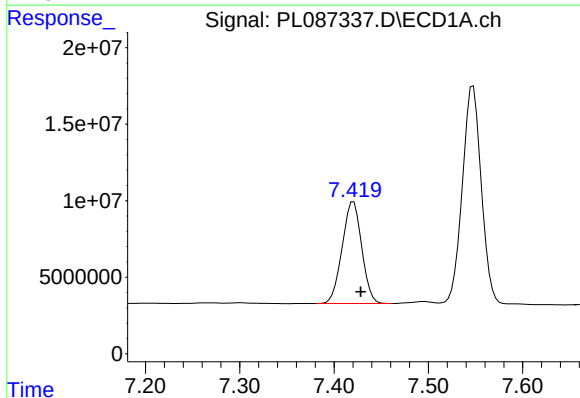
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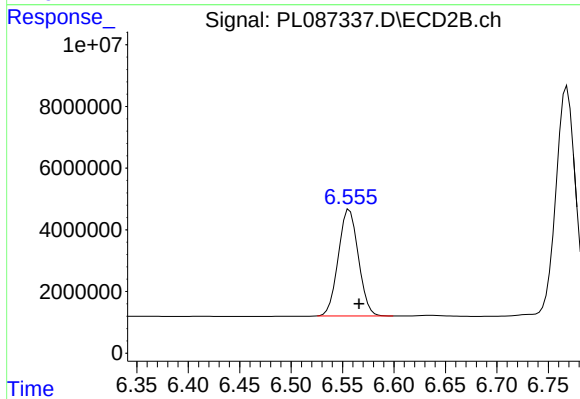
#19 Endosulfan Sulfate

R.T.: 6.263 min
Delta R.T.: -0.008 min
Response: 84613608
Conc: 44.92 ng/ml



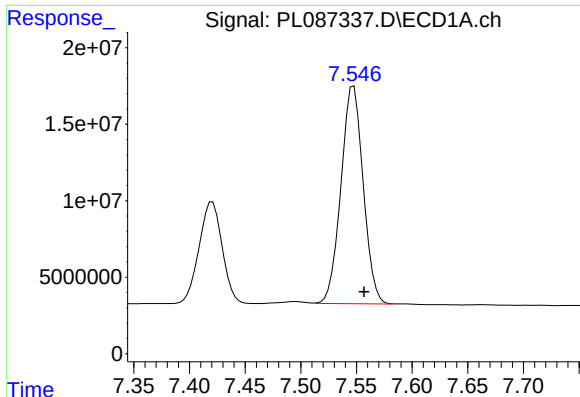
#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: -0.007 min
Response: 95946473
Conc: 49.21 ng/ml



#20 Methoxychlor

R.T.: 6.557 min
Delta R.T.: -0.009 min
Response: 46977734
Conc: 45.99 ng/ml



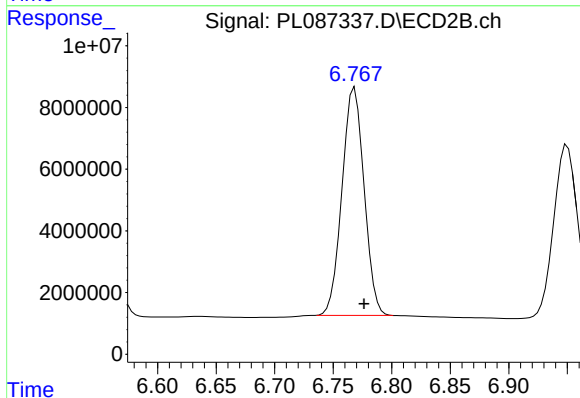
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.011 min
Response: 197485498
Conc: 48.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157972BS

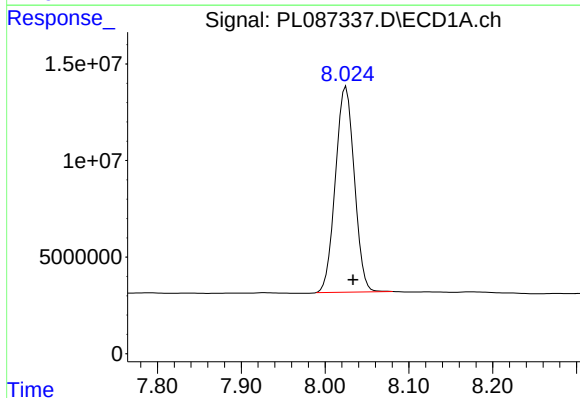
Manual Integrations
APPROVED

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



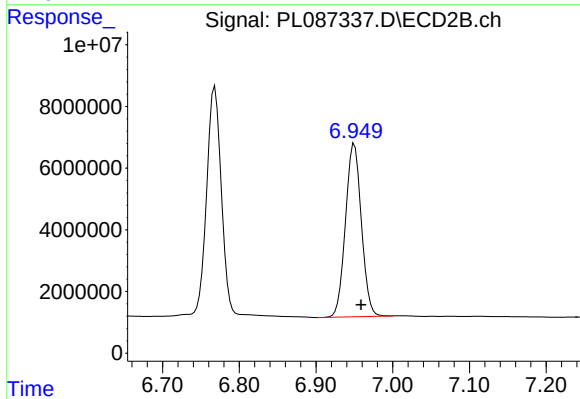
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.009 min
Response: 97106037
Conc: 45.62 ng/ml m



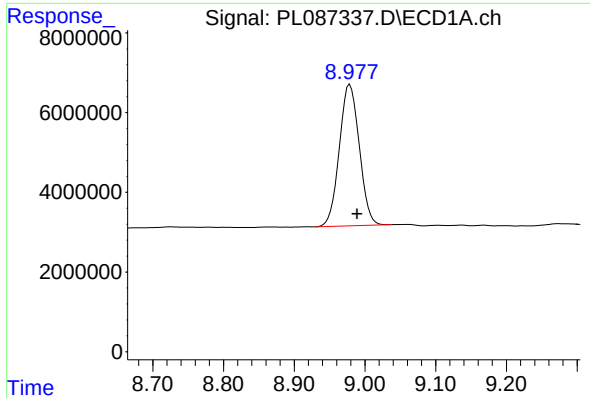
#22 Mirex

R.T.: 8.025 min
Delta R.T.: -0.008 min
Response: 166677634
Conc: 49.49 ng/ml



#22 Mirex

R.T.: 6.950 min
Delta R.T.: -0.009 min
Response: 81244566
Conc: 45.67 ng/ml



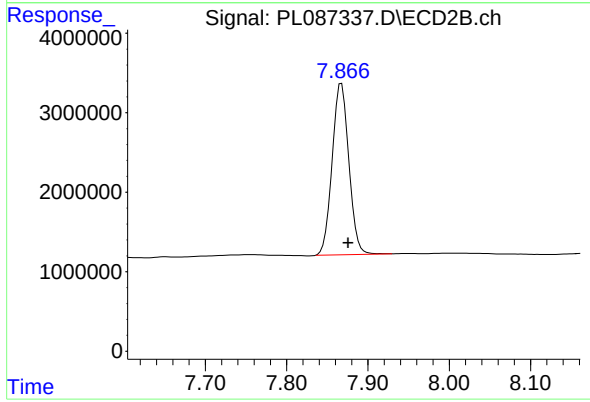
#28 Decachlorobiphenyl

R.T.: 8.979 min
Delta R.T.: -0.011 min
Response: 69514128
Conc: 20.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157972BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: -0.008 min
Response: 30817968
Conc: 18.25 ng/ml