

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121923\
 Data File : PL087258.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 16:42
 Operator : AR\AJ
 Sample : PB157847BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157847BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/20/2023
 Supervised By : Ankita Jodhani 12/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 23:49:06 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...	3.428	2.680	75885463	31611114	20.164	18.779
28)	SA Decachlor...	8.990	7.873	68561718	31473056	20.106	18.635
Target Compounds							
2)	A alpha-BHC	3.885	3.185	303.9E6	126.7E6	56.124	51.565
3)	MA gamma-BHC...	4.219	3.516	292.5E6	124.3E6	55.650	51.331
4)	MA Heptachlor	4.812	3.859	283.0E6	119.6E6	53.136	50.040
5)	MB Aldrin	5.154	4.140	269.4E6	119.4E6	51.741	49.800
6)	B beta-BHC	4.418	3.817	117.4E6	50094714	51.098	48.122
7)	B delta-BHC	4.663	4.047	281.2E6	123.1E6	53.765m	50.302
8)	B Heptachlo...	5.585	4.648	223.4E6	105.5E6	47.398	47.403
9)	A Endosulfan I	5.972	5.019	211.7E6	97068092	47.394	44.915
10)	B gamma-Chl...	5.843	4.901	224.7E6	107.2E6	46.339	46.860
11)	B alpha-Chl...	5.923	4.966	226.2E6	107.0E6	47.066	46.362
12)	B 4,4'-DDE	6.105	5.164	202.1E6	94574638	48.779	47.632
13)	MA Dieldrin	6.250	5.287	232.2E6	106.2E6	50.040	47.658
14)	MA Endrin	6.480	5.563	192.5E6	93349506	50.046	46.777
15)	B Endosulfa...	6.701	5.861	195.8E6	88355142	48.816	45.380
16)	A 4,4'-DDD	6.625	5.723	164.4E6	76623496	49.740	46.277
17)	MA 4,4'-DDT	6.943	5.976	185.9E6	85452501	49.437	46.333
18)	B Endrin al...	6.833	6.043	149.2E6	69741707	51.460	47.520
19)	B Endosulfa...	7.069	6.268	190.6E6	85485150	48.526	45.379
20)	A Methoxychlor	7.427	6.563	97348571	46016439	49.924	45.053
21)	B Endrin ke...	7.556	6.774	202.3E6	98111226	49.738	46.090
22)	Mirex	8.033	6.956	170.5E6	83117952	50.623	46.718

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121923\
Data File : PL087258.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Dec 2023 16:42
Operator : AR\AJ
Sample : PB157847BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

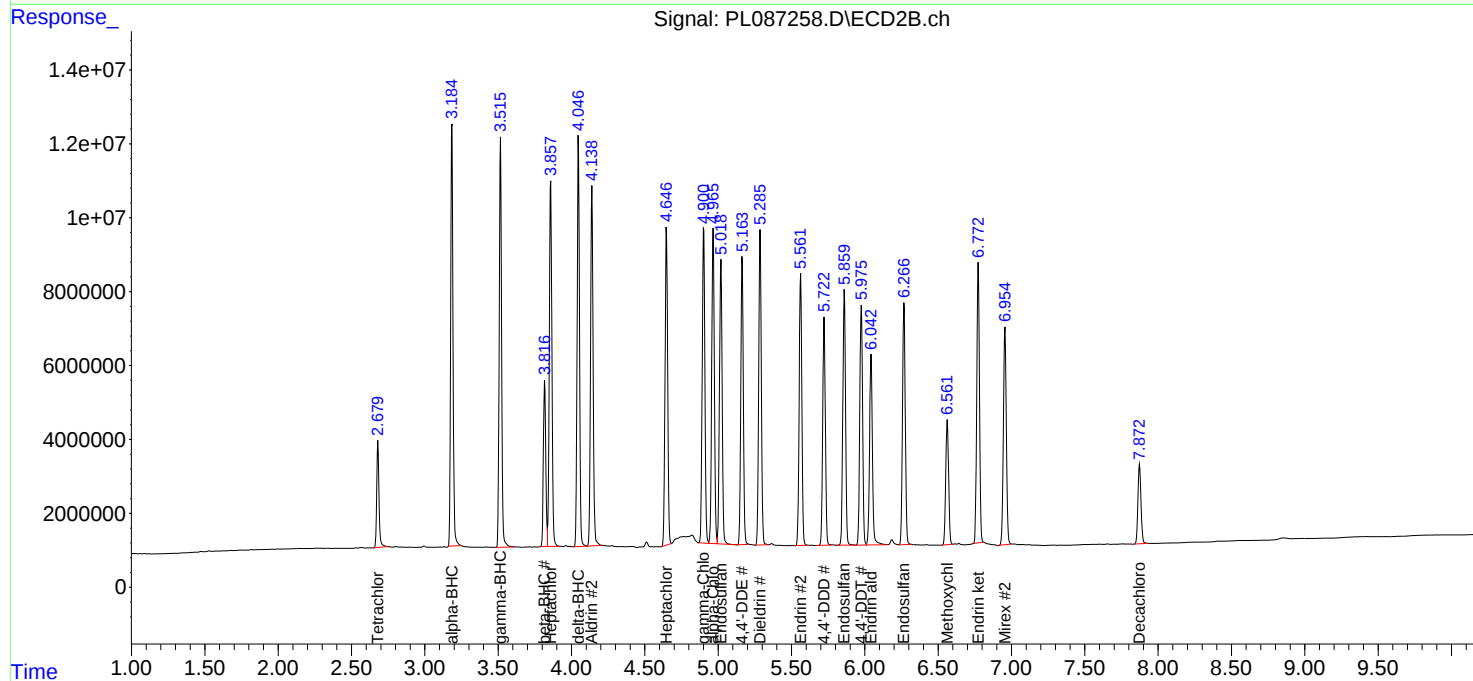
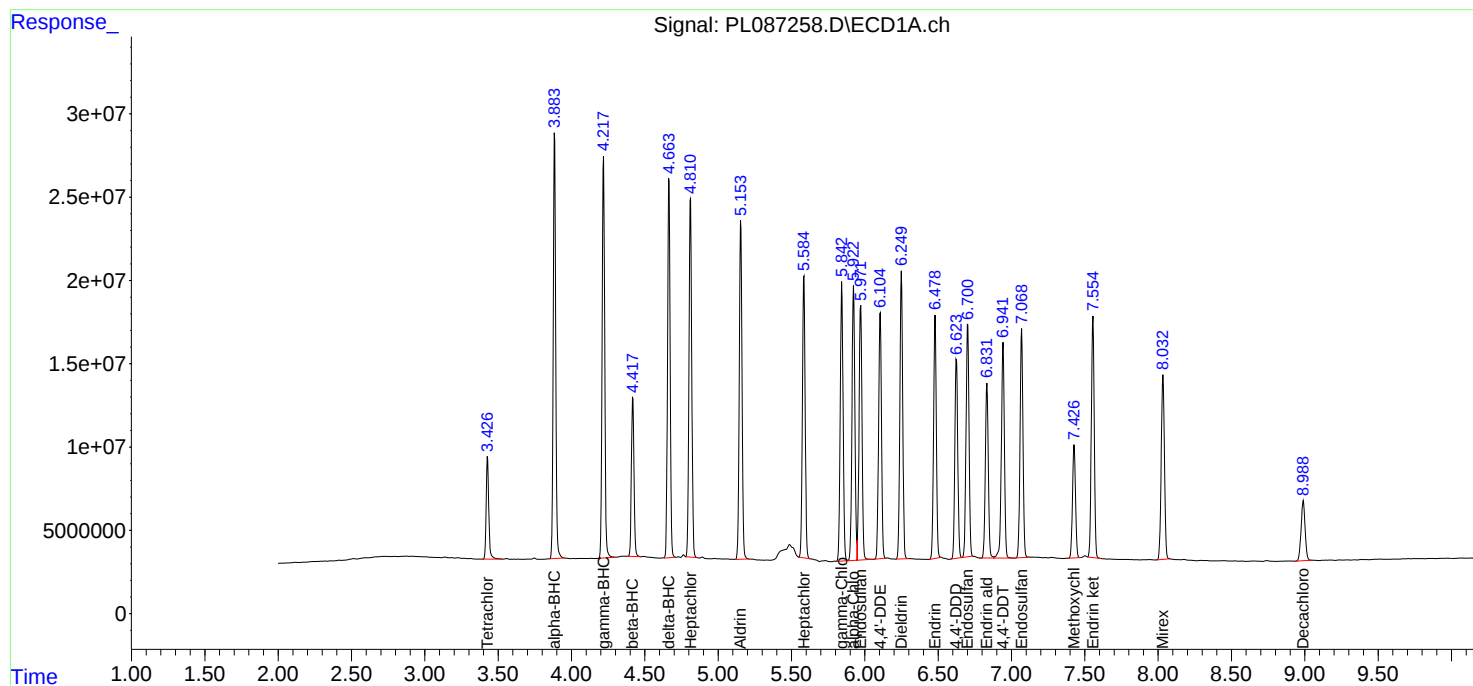
Instrument :
ECD_L
ClientSampleId :
PB157847BS

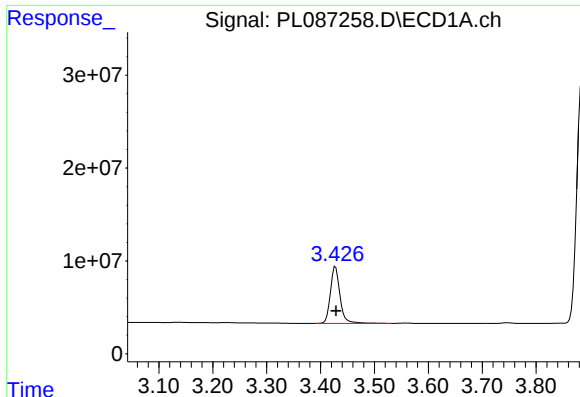
Manual Integrations
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Supervised By :Ankita Jodhani 12/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 23:49:06 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





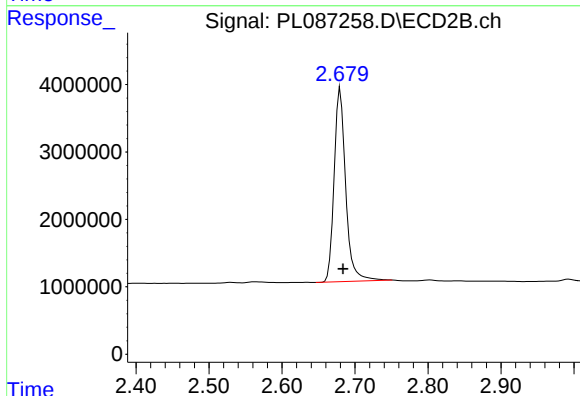
#1 Tetrachloro-m-xylene

R.T.: 3.428 min
Delta R.T.: -0.001 min
Response: 75885463
Conc: 20.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157847BS

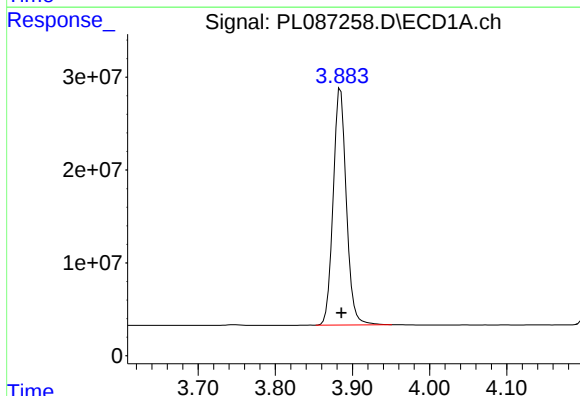
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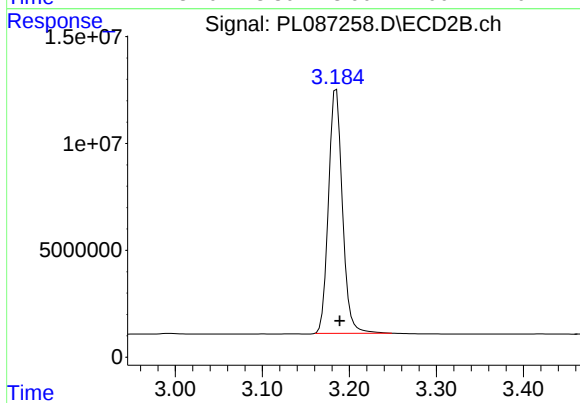
#1 Tetrachloro-m-xylene

R.T.: 2.680 min
Delta R.T.: -0.004 min
Response: 31611114
Conc: 18.78 ng/ml



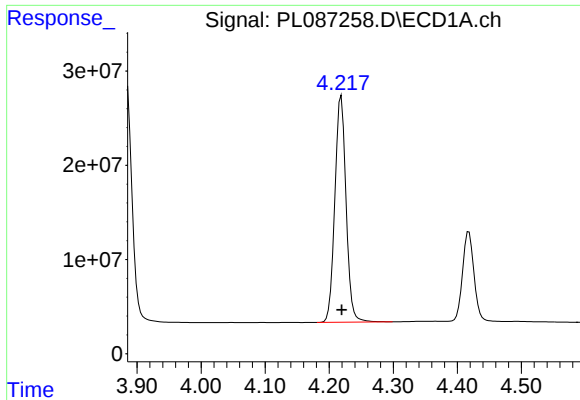
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 303861654
Conc: 56.12 ng/ml



#2 alpha-BHC

R.T.: 3.185 min
Delta R.T.: -0.004 min
Response: 126726928
Conc: 51.57 ng/ml



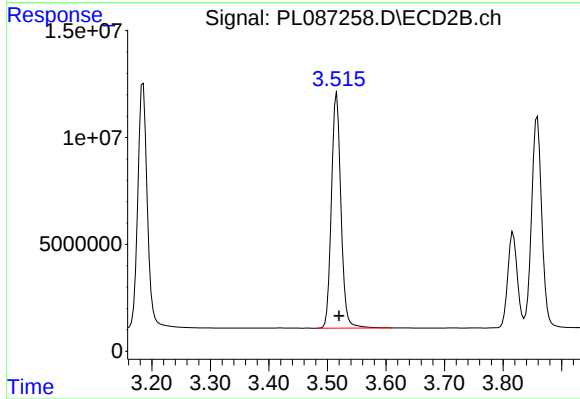
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 292479379
Conc: 55.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157847BS

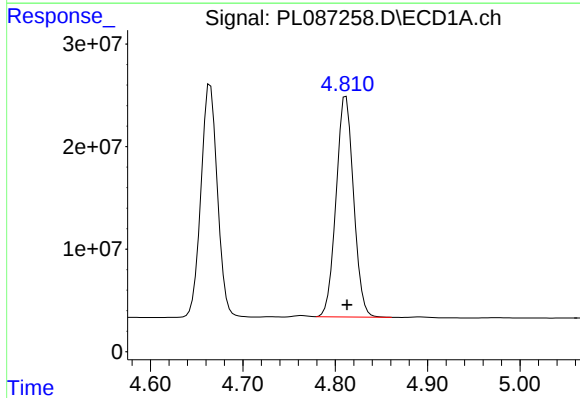
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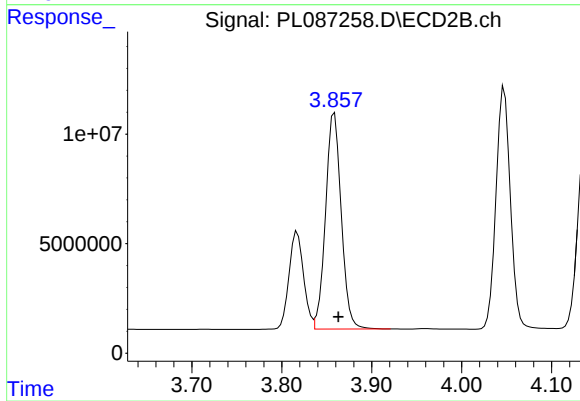
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.004 min
Response: 124345326
Conc: 51.33 ng/ml



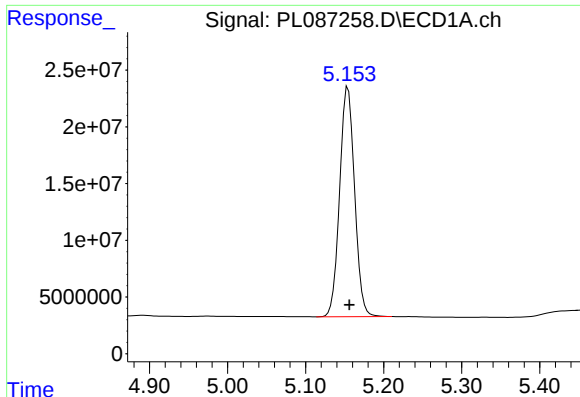
#4 Heptachlor

R.T.: 4.812 min
Delta R.T.: -0.001 min
Response: 283031971
Conc: 53.14 ng/ml



#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.004 min
Response: 119610424
Conc: 50.04 ng/ml



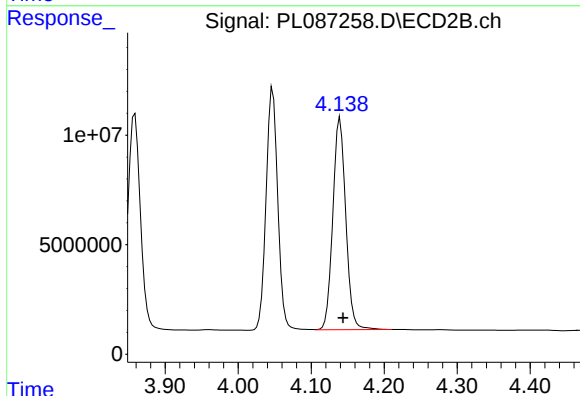
#5 Aldrin

R.T.: 5.154 min
Delta R.T.: -0.002 min
Response: 269382972
Conc: 51.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157847BS

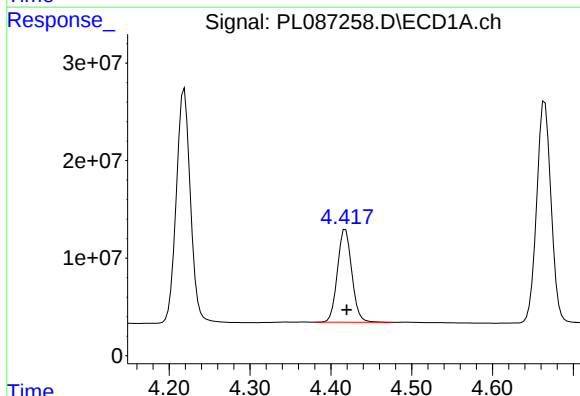
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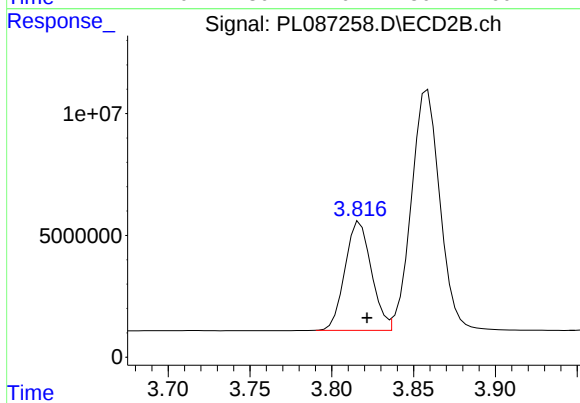
#5 Aldrin

R.T.: 4.140 min
Delta R.T.: -0.004 min
Response: 119407812
Conc: 49.80 ng/ml



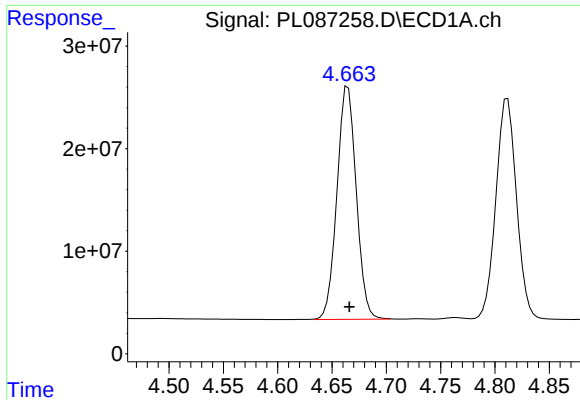
#6 beta-BHC

R.T.: 4.418 min
Delta R.T.: -0.001 min
Response: 117360880
Conc: 51.10 ng/ml



#6 beta-BHC

R.T.: 3.817 min
Delta R.T.: -0.004 min
Response: 50094714
Conc: 48.12 ng/ml



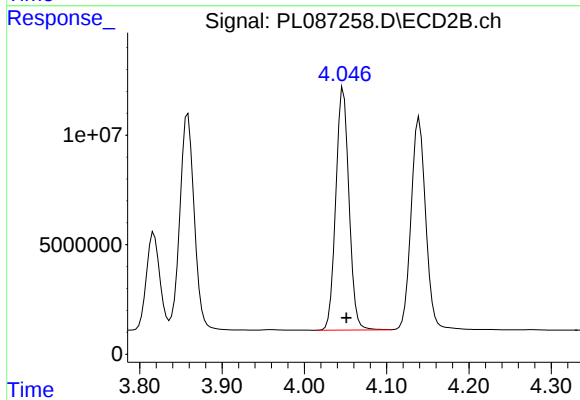
#7 delta-BHC

R.T.: 4.663 min
Delta R.T.: -0.003 min
Response: 281158806
Conc: 53.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157847BS

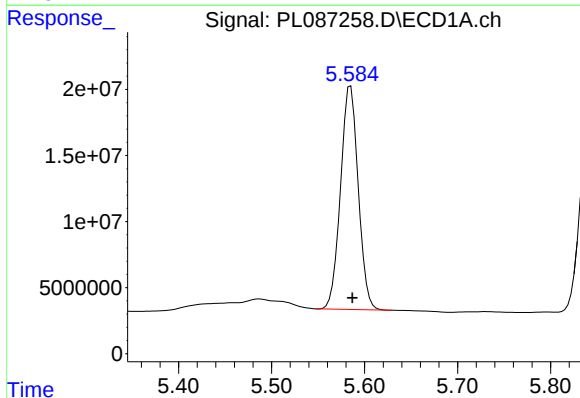
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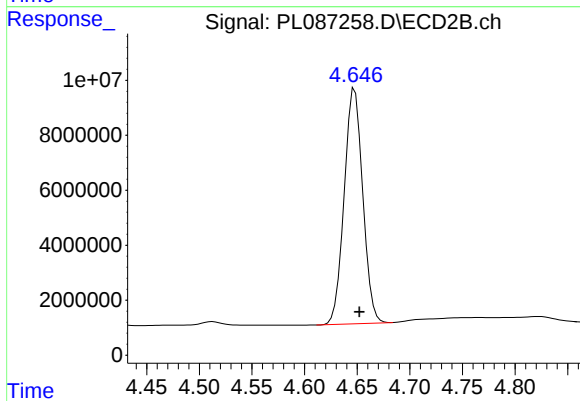
#7 delta-BHC

R.T.: 4.047 min
Delta R.T.: -0.004 min
Response: 123050056
Conc: 50.30 ng/ml



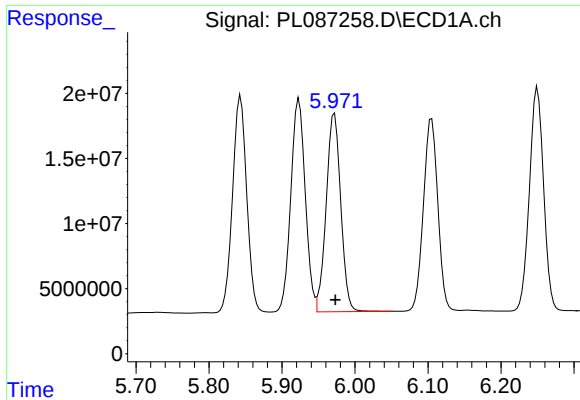
#8 Heptachlor epoxide

R.T.: 5.585 min
Delta R.T.: -0.002 min
Response: 223378359
Conc: 47.40 ng/ml



#8 Heptachlor epoxide

R.T.: 4.648 min
Delta R.T.: -0.004 min
Response: 105485726
Conc: 47.40 ng/ml



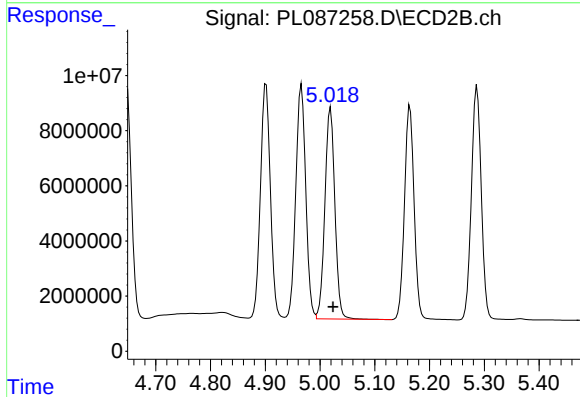
#9 Endosulfan I

R.T.: 5.972 min
Delta R.T.: -0.001 min
Response: 211676043
Conc: 47.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157847BS

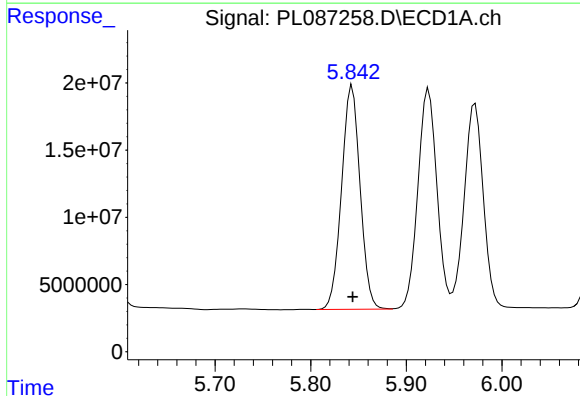
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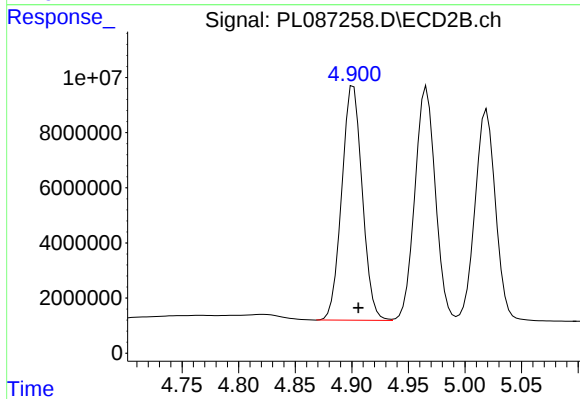
#9 Endosulfan I

R.T.: 5.019 min
Delta R.T.: -0.004 min
Response: 97068092
Conc: 44.91 ng/ml



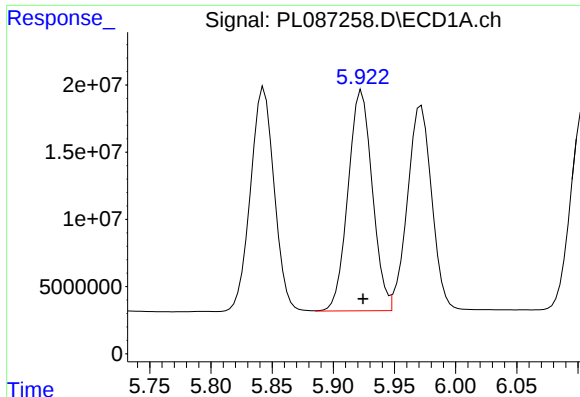
#10 gamma-Chlordane

R.T.: 5.843 min
Delta R.T.: 0.000 min
Response: 224653513
Conc: 46.34 ng/ml



#10 gamma-Chlordane

R.T.: 4.901 min
Delta R.T.: -0.004 min
Response: 107184533
Conc: 46.86 ng/ml



#11 alpha-Chlordane

R.T.: 5.923 min
Delta R.T.: -0.001 min
Response: 226205736
Conc: 47.07 ng/ml

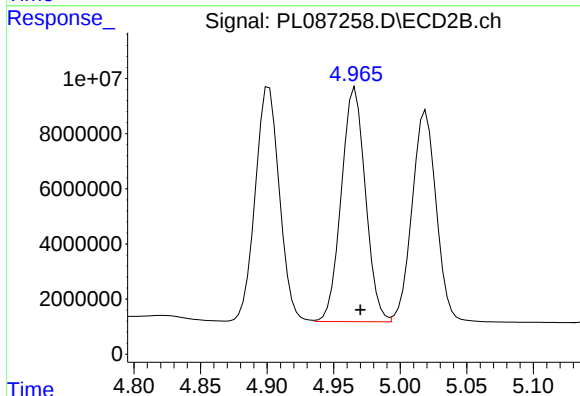
Instrument :

ECD_L

ClientSampleId :
PB157847BS

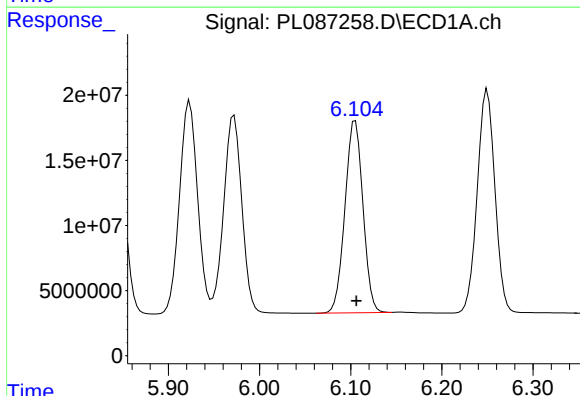
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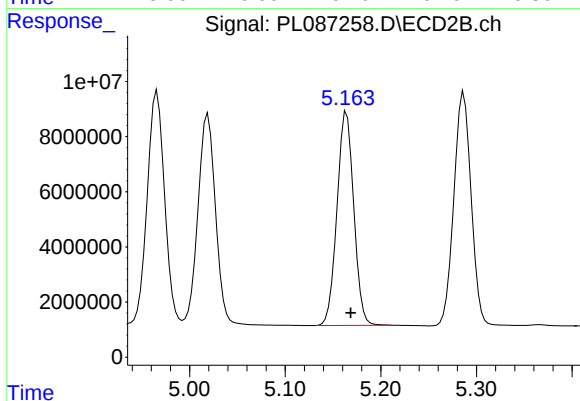
#11 alpha-Chlordane

R.T.: 4.966 min
Delta R.T.: -0.004 min
Response: 107004103
Conc: 46.36 ng/ml



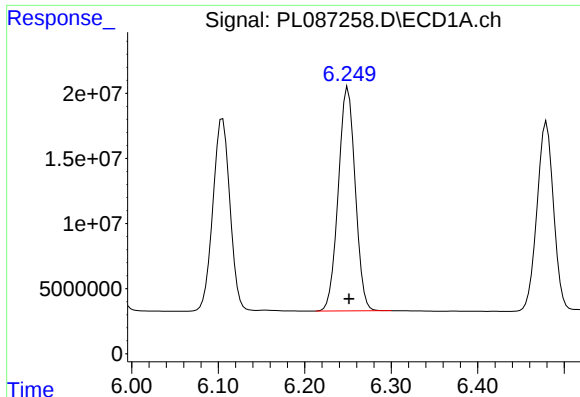
#12 4,4'-DDE

R.T.: 6.105 min
Delta R.T.: 0.000 min
Response: 202142627
Conc: 48.78 ng/ml



#12 4,4'-DDE

R.T.: 5.164 min
Delta R.T.: -0.004 min
Response: 94574638
Conc: 47.63 ng/ml



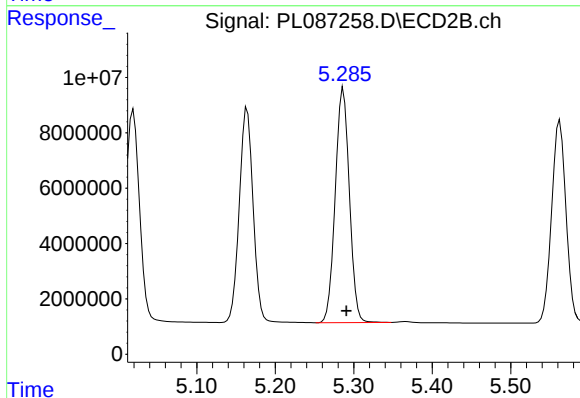
#13 Dieldrin

R.T.: 6.250 min
Delta R.T.: -0.001 min
Response: 232230690
Conc: 50.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157847BS

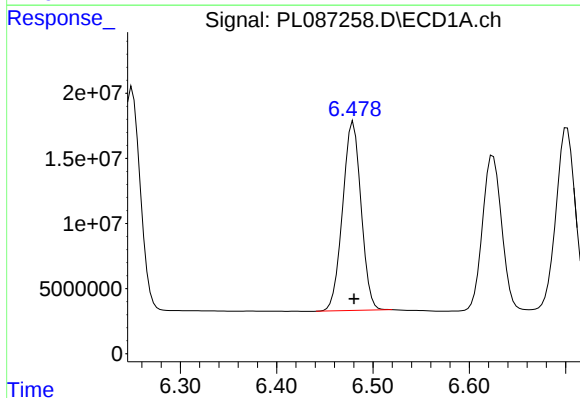
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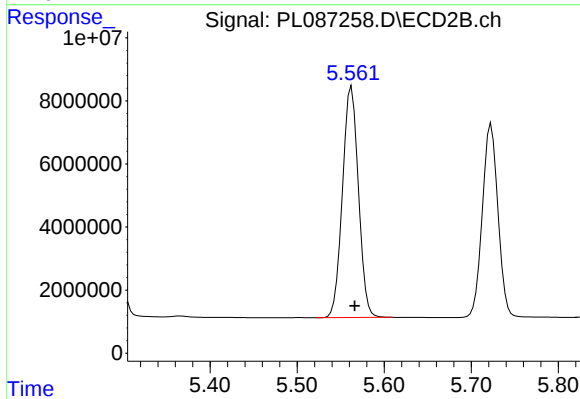
#13 Dieldrin

R.T.: 5.287 min
Delta R.T.: -0.004 min
Response: 106170986
Conc: 47.66 ng/ml



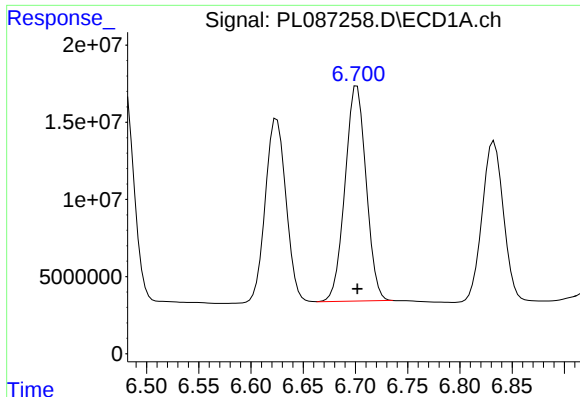
#14 Endrin

R.T.: 6.480 min
Delta R.T.: 0.000 min
Response: 192545310
Conc: 50.05 ng/ml



#14 Endrin

R.T.: 5.563 min
Delta R.T.: -0.004 min
Response: 93349506
Conc: 46.78 ng/ml



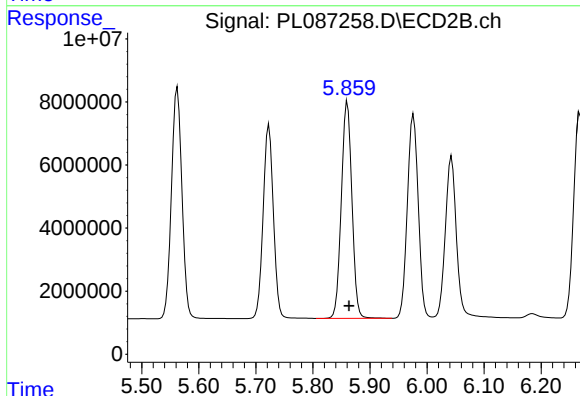
#15 Endosulfan II

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 195772461
Conc: 48.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157847BS

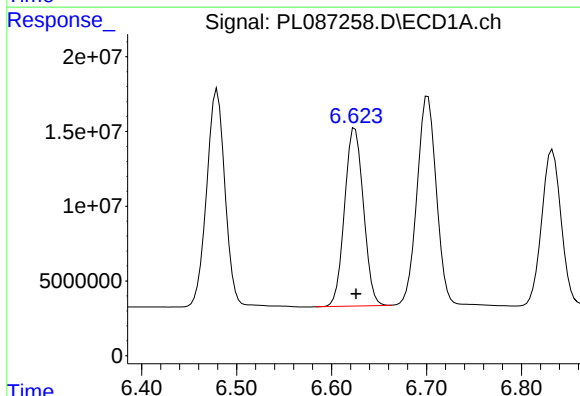
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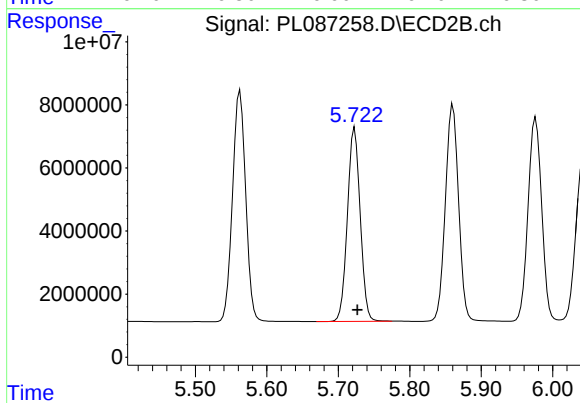
#15 Endosulfan II

R.T.: 5.861 min
Delta R.T.: -0.003 min
Response: 88355142
Conc: 45.38 ng/ml



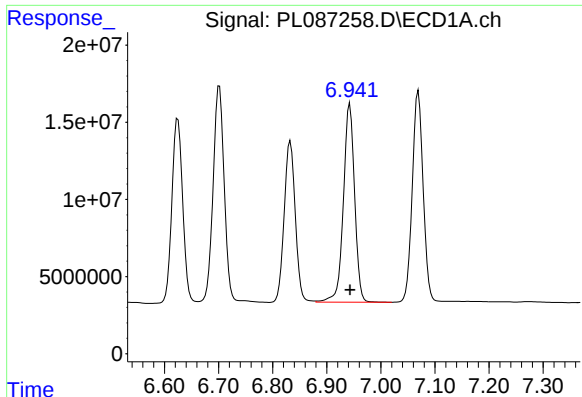
#16 4,4'-DDD

R.T.: 6.625 min
Delta R.T.: -0.001 min
Response: 164397605
Conc: 49.74 ng/ml



#16 4,4'-DDD

R.T.: 5.723 min
Delta R.T.: -0.004 min
Response: 76623496
Conc: 46.28 ng/ml



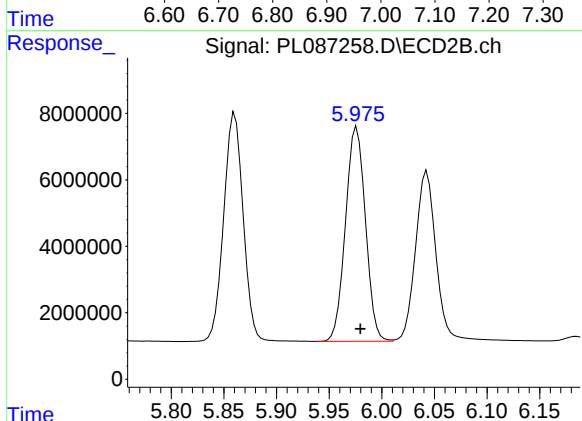
#17 4,4'-DDT

R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 185893222
Conc: 49.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157847BS

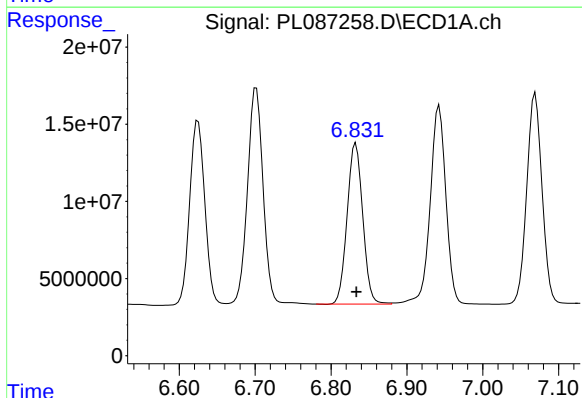
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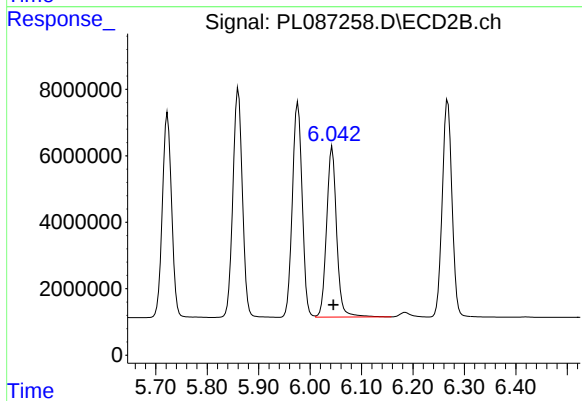
#17 4,4'-DDT

R.T.: 5.976 min
Delta R.T.: -0.003 min
Response: 85452501
Conc: 46.33 ng/ml



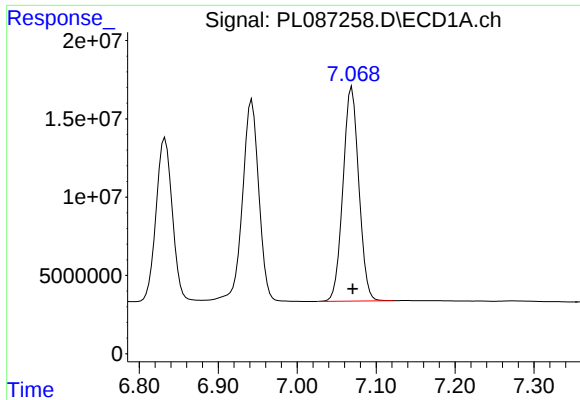
#18 Endrin aldehyde

R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 149151113
Conc: 51.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.003 min
Response: 69741707
Conc: 47.52 ng/ml



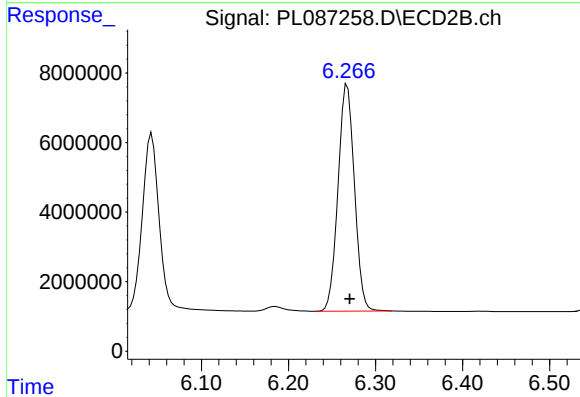
#19 Endosulfan Sulfate

R.T.: 7.069 min
Delta R.T.: -0.001 min
Response: 190552967
Conc: 48.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157847BS

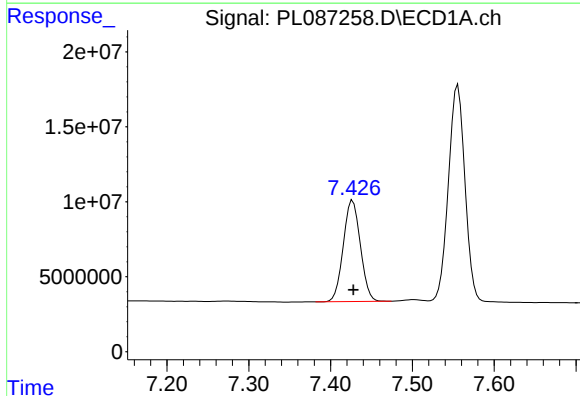
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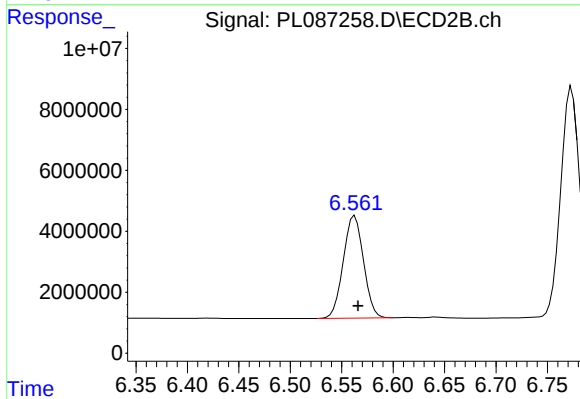
#19 Endosulfan Sulfate

R.T.: 6.268 min
Delta R.T.: -0.003 min
Response: 85485150
Conc: 45.38 ng/ml



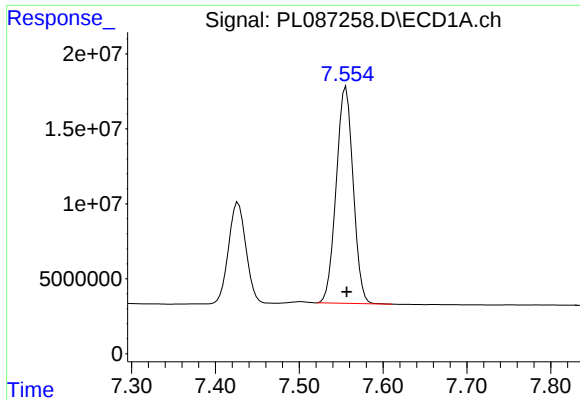
#20 Methoxychlor

R.T.: 7.427 min
Delta R.T.: -0.001 min
Response: 97348571
Conc: 49.92 ng/ml



#20 Methoxychlor

R.T.: 6.563 min
Delta R.T.: -0.003 min
Response: 46016439
Conc: 45.05 ng/ml



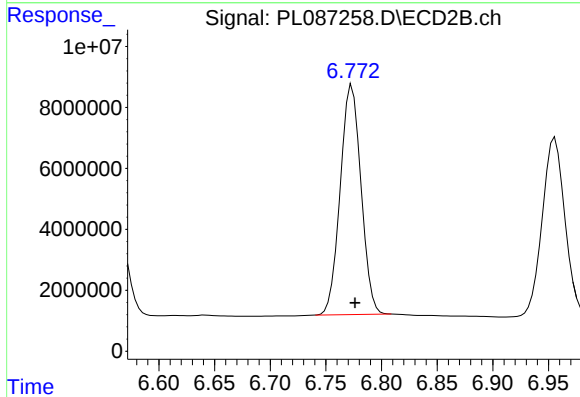
#21 Endrin ketone

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 202349296
Conc: 49.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157847BS

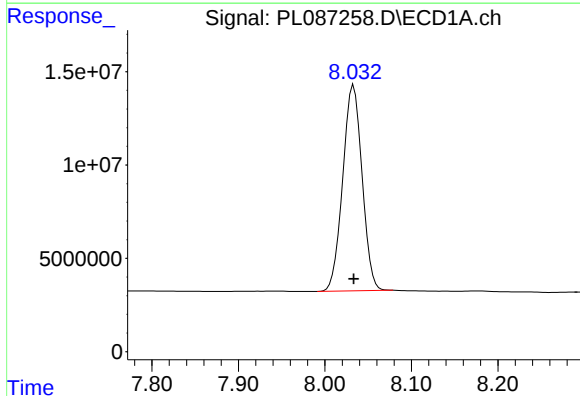
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/20/2023
Supervised By :Ankita Jodhani 12/20/2023



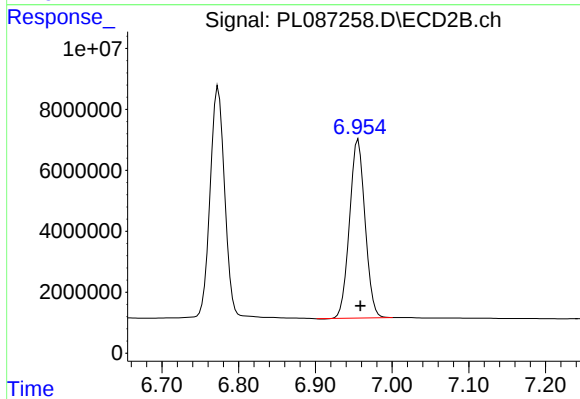
#21 Endrin ketone

R.T.: 6.774 min
Delta R.T.: -0.003 min
Response: 98111226
Conc: 46.09 ng/ml



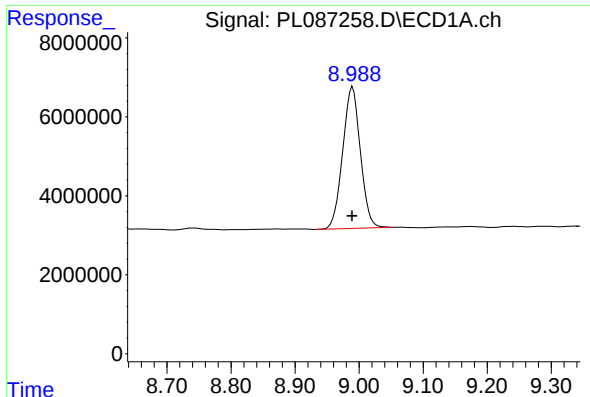
#22 Mirex

R.T.: 8.033 min
Delta R.T.: 0.000 min
Response: 170498162
Conc: 50.62 ng/ml



#22 Mirex

R.T.: 6.956 min
Delta R.T.: -0.003 min
Response: 83117952
Conc: 46.72 ng/ml



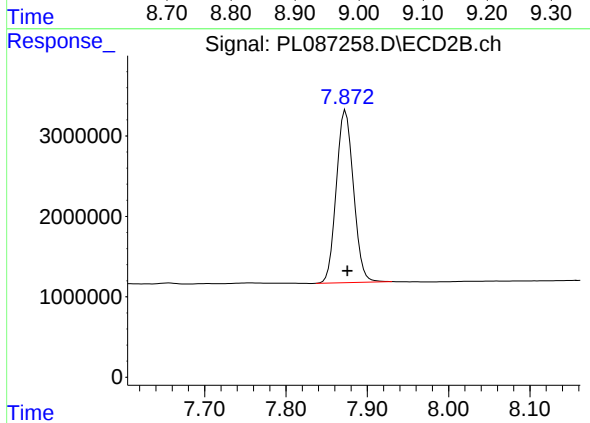
#28 Decachlorobiphenyl

R.T.: 8.990 min
Delta R.T.: 0.000 min
Response: 68561718
Conc: 20.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157847BS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/20/2023



#28 Decachlorobiphenyl

R.T.: 7.873 min
Delta R.T.: -0.002 min
Response: 31473056
Conc: 18.63 ng/ml