

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121923\
 Data File : PL087247.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 12:58
 Operator : AR\AJ
 Sample : PB157860BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157860BS

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 23:46:46 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...	3.433	2.681	86869754	36200541	23.083	21.506
28)	SA Decachlor...	8.997	7.877	82497646	39203923	24.193	23.212
Target Compounds							
2)	A alpha-BHC	3.890	3.186	223.4E6	92790489	41.263	37.756
3)	MA gamma-BHC...	4.224	3.517	208.5E6	89060602	39.672	36.765
4)	MA Heptachlor	4.818	3.860	219.7E6	91742871	41.239	38.381
5)	MB Aldrin	5.159	4.140	204.3E6	86403719	39.246m	36.035
6)	B beta-BHC	4.424	3.819	87648324	36693545	38.161	35.249
7)	B delta-BHC	4.670	4.048	199.1E6	85490352	38.081	34.948
8)	B Heptachlo...	5.592	4.649	185.1E6	80838583	39.275	36.327
9)	A Endosulfan I	5.978	5.020	173.8E6	75650574	38.919	35.004
10)	B gamma-Chl...	5.849	4.903	189.4E6	81560209	39.074	35.657
11)	B alpha-Chl...	5.929	4.967	186.5E6	81484833	38.795	35.305
12)	B 4,4'-DDE	6.109	5.166	158.1E6	69611239	38.144m	35.059
13)	MA Dieldrin	6.256	5.288	178.4E6	79074474	38.437	35.495
14)	MA Endrin	6.486	5.564	147.9E6	71566700	38.430	35.862
15)	B Endosulfa...	6.708	5.862	143.6E6	67091908	35.817	34.459
16)	A 4,4'-DDD	6.632	5.725	129.4E6	59708808	39.140	36.062
17)	MA 4,4'-DDT	6.949	5.977	142.9E6	68751224	37.996	37.277
18)	B Endrin al...	6.839	6.043	110.0E6	53954885	37.963	36.764
19)	B Endosulfa...	7.076	6.269	146.0E6	67745839	37.185	35.962
20)	A Methoxychlor	7.434	6.564	76408338	36688927	39.185	35.920
21)	B Endrin ke...	7.562	6.775	155.1E6	77599606	38.119	36.454
22)	Mirex	8.040	6.956	126.9E6	62134531	37.672	34.924m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121923\
Data File : PL087247.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Dec 2023 12:58
Operator : AR\AJ
Sample : PB157860BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

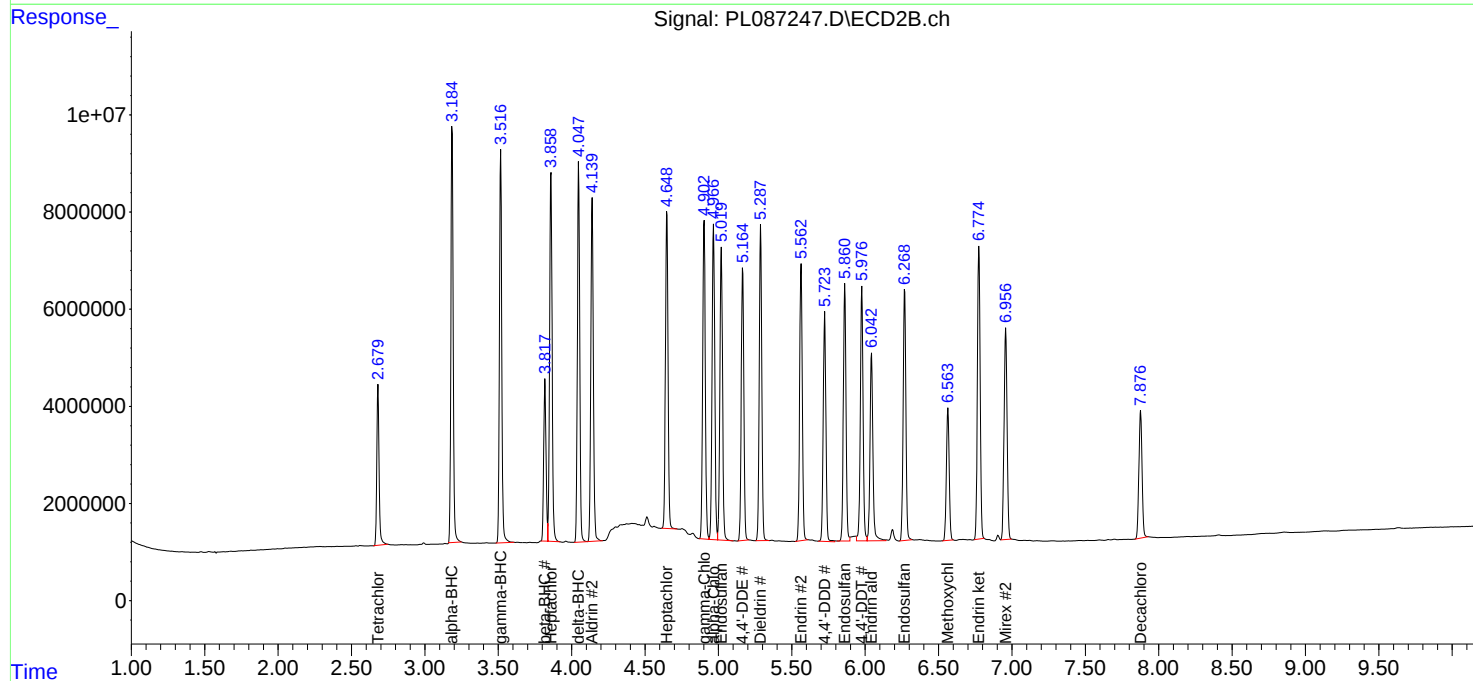
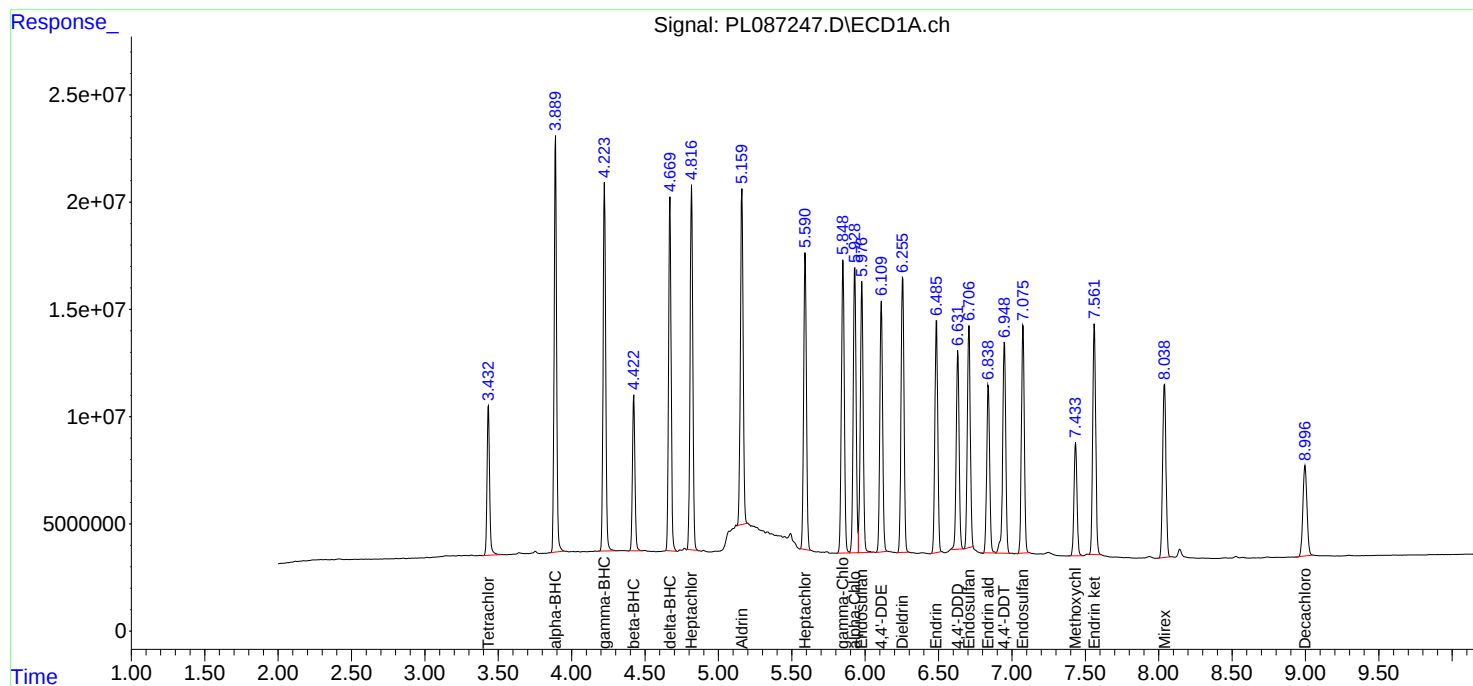
Instrument :
ECD_L
ClientSampleId :
PB157860BS

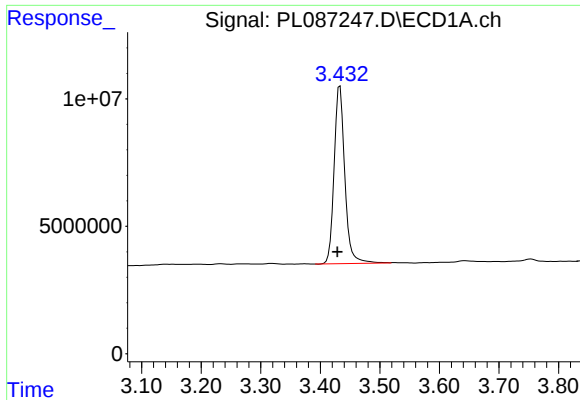
Manual Integrations
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Supervised By :Ankita Jodhani 12/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 23:46:46 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





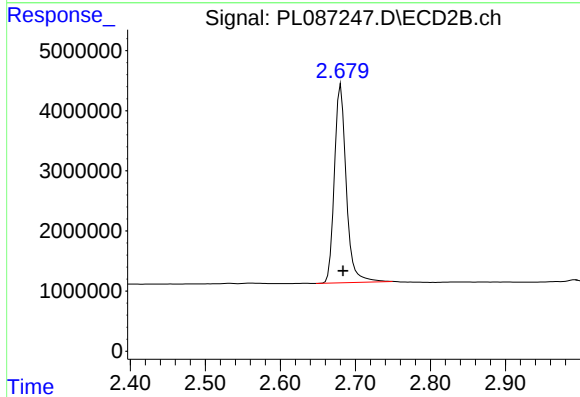
#1 Tetrachloro-m-xylene

R.T.: 3.433 min
Delta R.T.: 0.004 min
Response: 86869754
Conc: 23.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

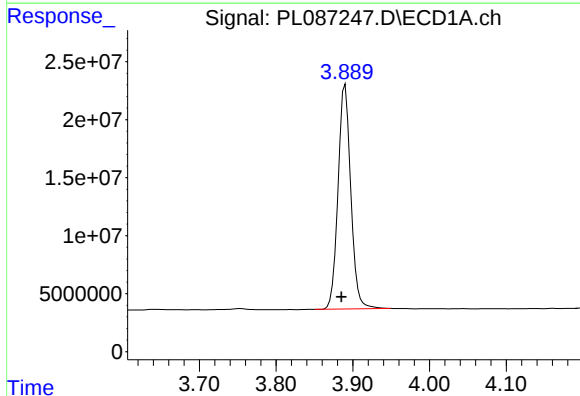
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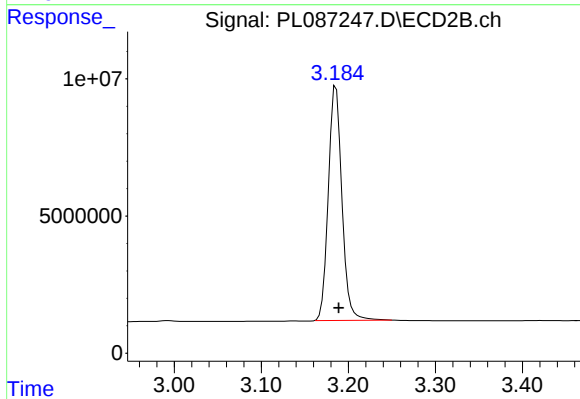
#1 Tetrachloro-m-xylene

R.T.: 2.681 min
Delta R.T.: -0.003 min
Response: 36200541
Conc: 21.51 ng/ml



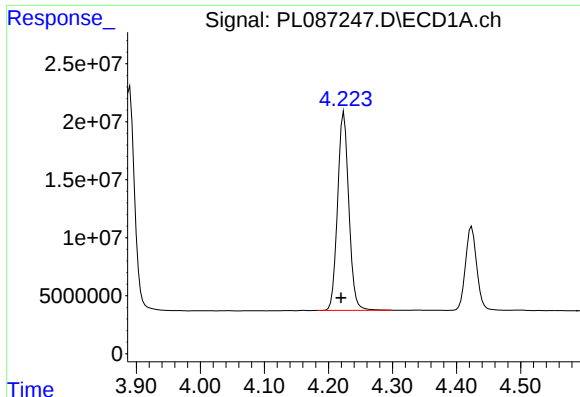
#2 alpha-BHC

R.T.: 3.890 min
Delta R.T.: 0.005 min
Response: 223406007
Conc: 41.26 ng/ml



#2 alpha-BHC

R.T.: 3.186 min
Delta R.T.: -0.003 min
Response: 92790489
Conc: 37.76 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.224 min
Delta R.T.: 0.004 min
Response: 208503063
Conc: 39.67 ng/ml

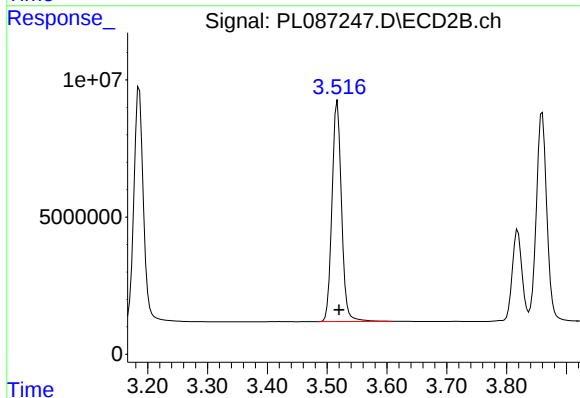
Instrument :

ECD_L

ClientSampleId :
PB157860BS

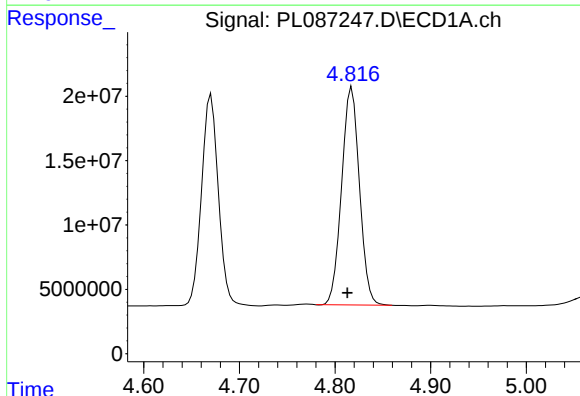
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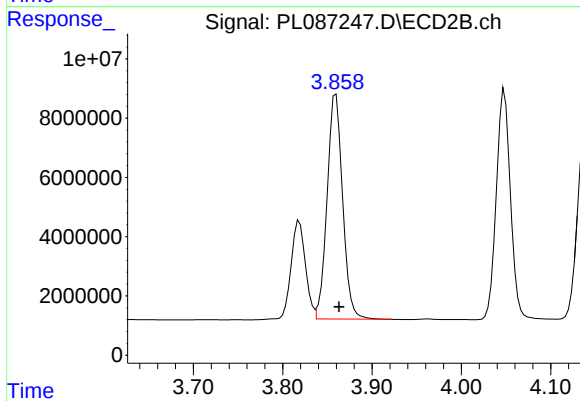
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 89060602
Conc: 36.77 ng/ml



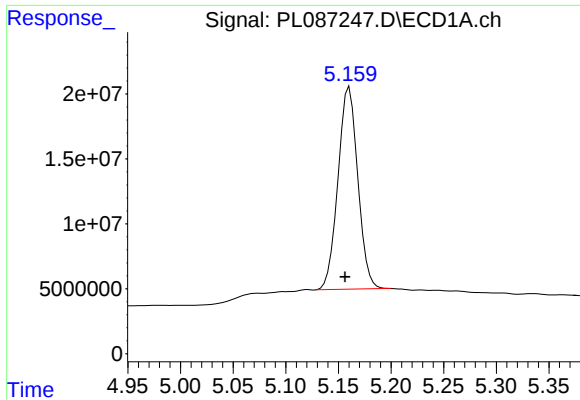
#4 Heptachlor

R.T.: 4.818 min
Delta R.T.: 0.005 min
Response: 219662279
Conc: 41.24 ng/ml



#4 Heptachlor

R.T.: 3.860 min
Delta R.T.: -0.003 min
Response: 91742871
Conc: 38.38 ng/ml



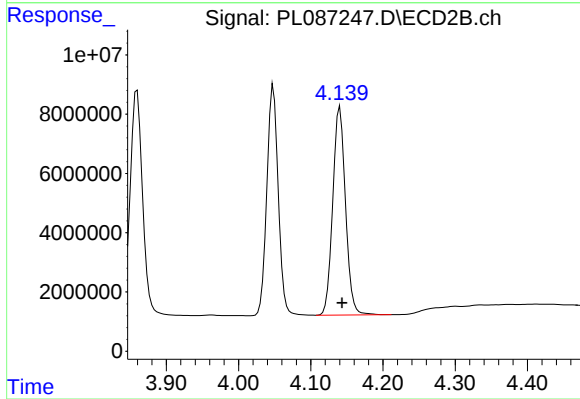
#5 Aldrin

R.T.: 5.159 min
Delta R.T.: 0.003 min
Response: 204331509
Conc: 39.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

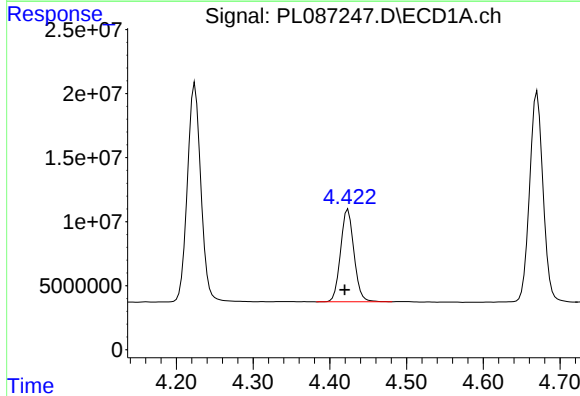
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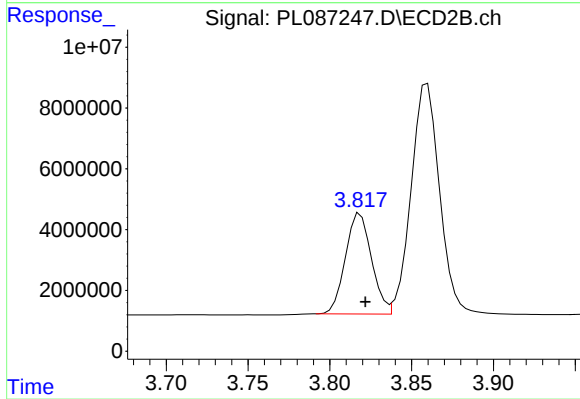
#5 Aldrin

R.T.: 4.140 min
Delta R.T.: -0.003 min
Response: 86403719
Conc: 36.04 ng/ml



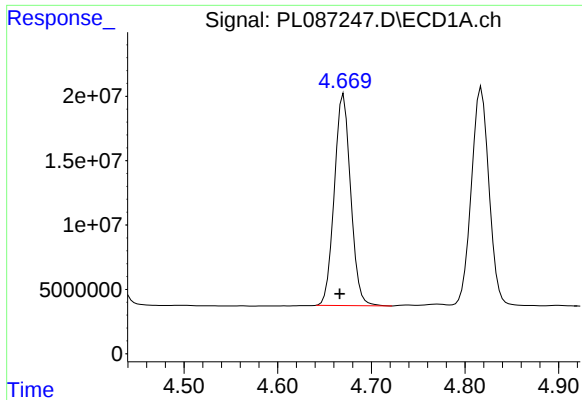
#6 beta-BHC

R.T.: 4.424 min
Delta R.T.: 0.004 min
Response: 87648324
Conc: 38.16 ng/ml



#6 beta-BHC

R.T.: 3.819 min
Delta R.T.: -0.003 min
Response: 36693545
Conc: 35.25 ng/ml



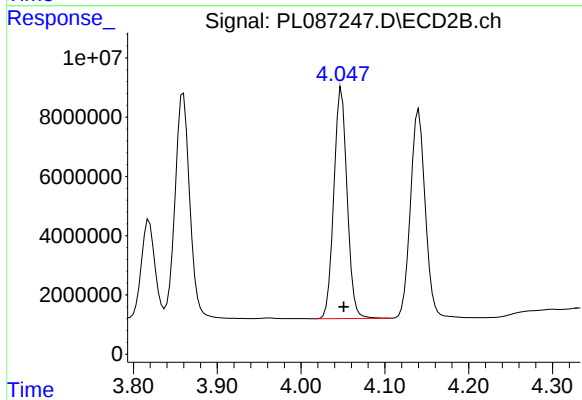
#7 delta-BHC

R.T.: 4.670 min
Delta R.T.: 0.004 min
Response: 199140351
Conc: 38.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

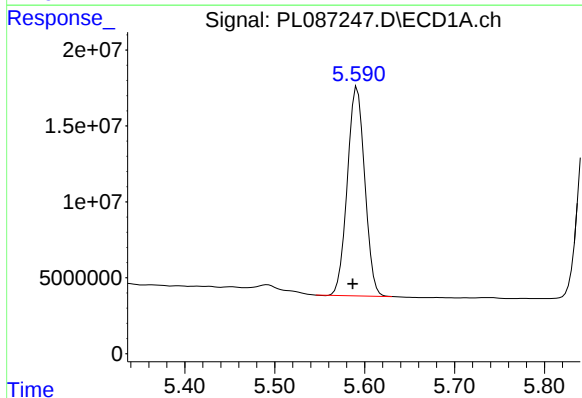
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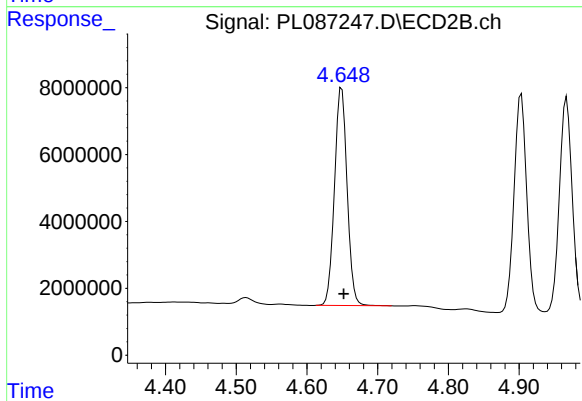
#7 delta-BHC

R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 85490352
Conc: 34.95 ng/ml



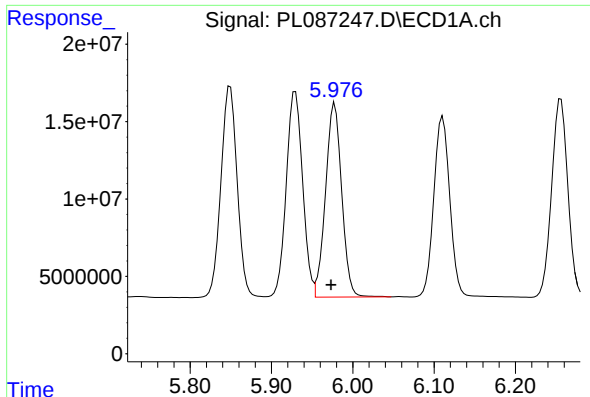
#8 Heptachlor epoxide

R.T.: 5.592 min
Delta R.T.: 0.005 min
Response: 185095030
Conc: 39.27 ng/ml



#8 Heptachlor epoxide

R.T.: 4.649 min
Delta R.T.: -0.003 min
Response: 80838583
Conc: 36.33 ng/ml



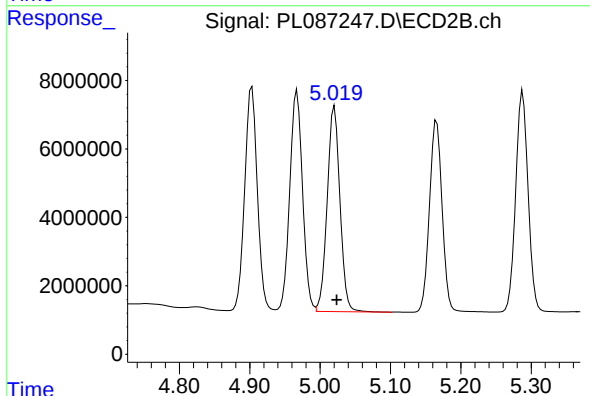
#9 Endosulfan I

R.T.: 5.978 min
Delta R.T.: 0.004 min
Response: 173823514
Conc: 38.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

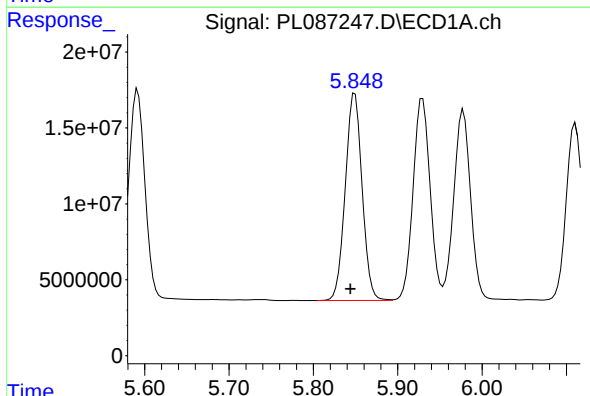
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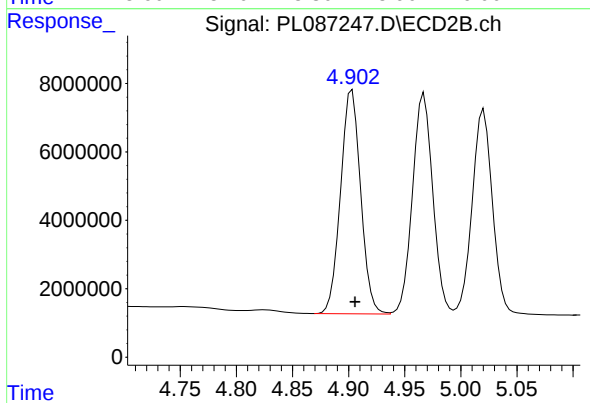
#9 Endosulfan I

R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 75650574
Conc: 35.00 ng/ml



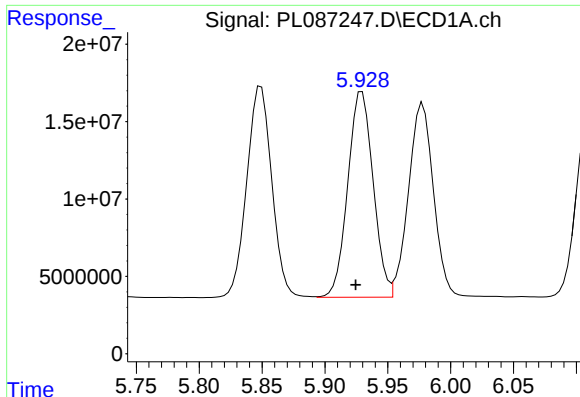
#10 gamma-Chlordane

R.T.: 5.849 min
Delta R.T.: 0.005 min
Response: 189434073
Conc: 39.07 ng/ml



#10 gamma-Chlordane

R.T.: 4.903 min
Delta R.T.: -0.003 min
Response: 81560209
Conc: 35.66 ng/ml



#11 alpha-Chlordane

R.T.: 5.929 min
Delta R.T.: 0.005 min
Response: 186454723
Conc: 38.80 ng/ml

Instrument :

ECD_L

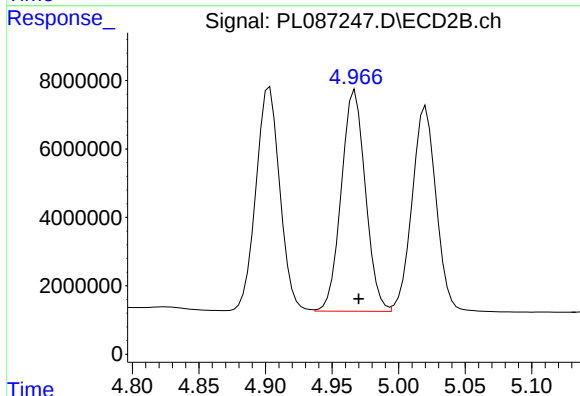
ClientSampleId :

PB157860BS

Manual Integrations

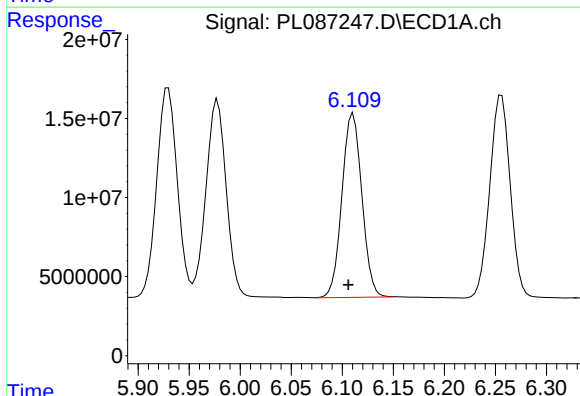
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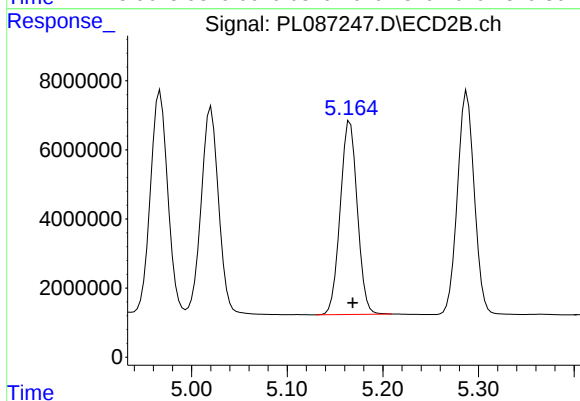
#11 alpha-Chlordane

R.T.: 4.967 min
Delta R.T.: -0.003 min
Response: 81484833
Conc: 35.31 ng/ml



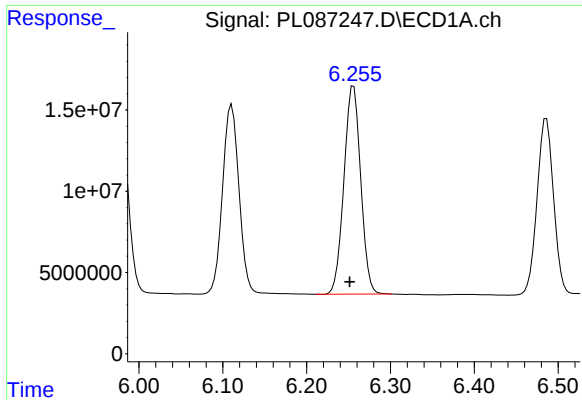
#12 4,4'-DDE

R.T.: 6.109 min
Delta R.T.: 0.003 min
Response: 158072266
Conc: 38.14 ng/ml m



#12 4,4'-DDE

R.T.: 5.166 min
Delta R.T.: -0.003 min
Response: 69611239
Conc: 35.06 ng/ml



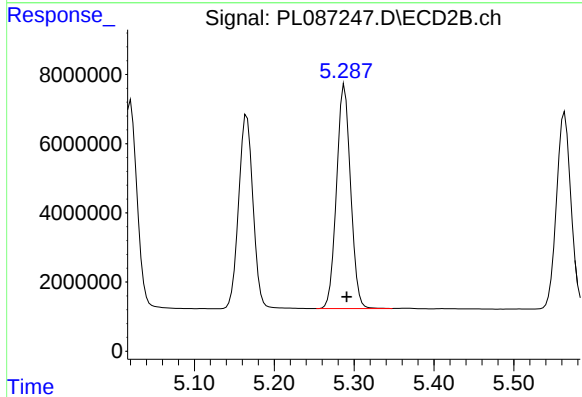
#13 Dieldrin

R.T.: 6.256 min
Delta R.T.: 0.005 min
Response: 178380081
Conc: 38.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

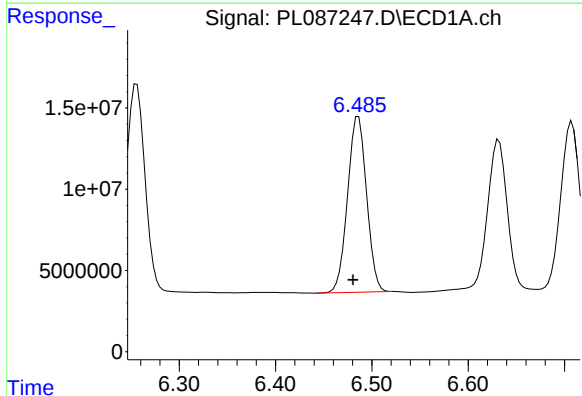
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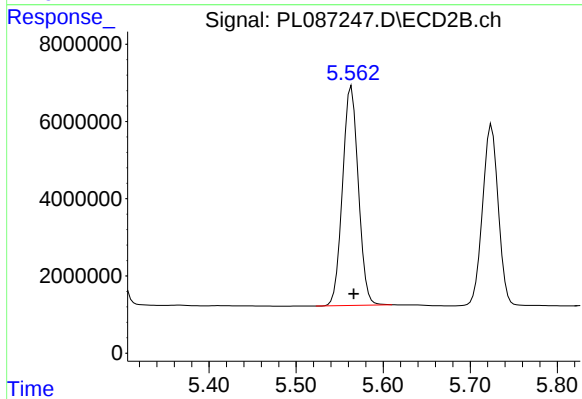
#13 Dieldrin

R.T.: 5.288 min
Delta R.T.: -0.003 min
Response: 79074474
Conc: 35.50 ng/ml



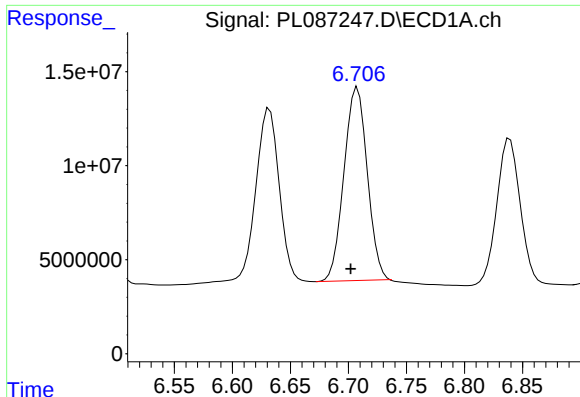
#14 Endrin

R.T.: 6.486 min
Delta R.T.: 0.006 min
Response: 147855940
Conc: 38.43 ng/ml



#14 Endrin

R.T.: 5.564 min
Delta R.T.: -0.003 min
Response: 71566700
Conc: 35.86 ng/ml



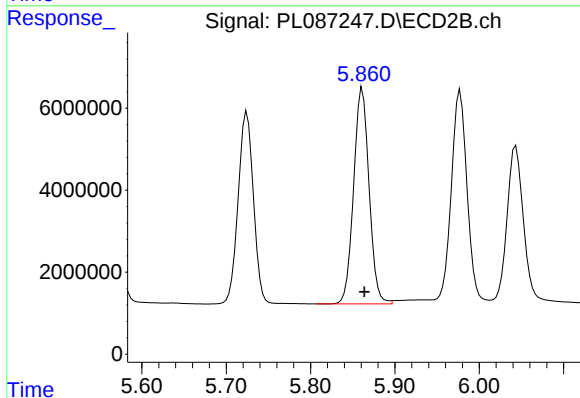
#15 Endosulfan II

R.T.: 6.708 min
Delta R.T.: 0.006 min
Response: 143640803
Conc: 35.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

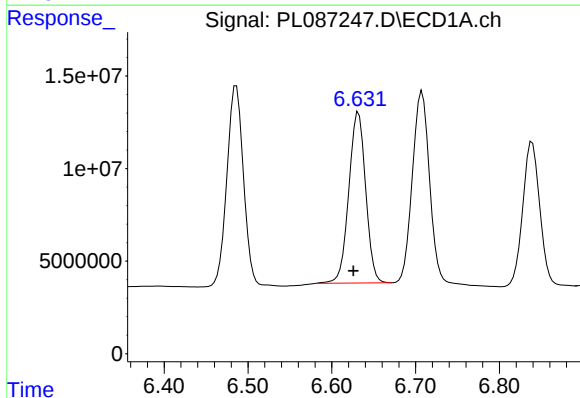
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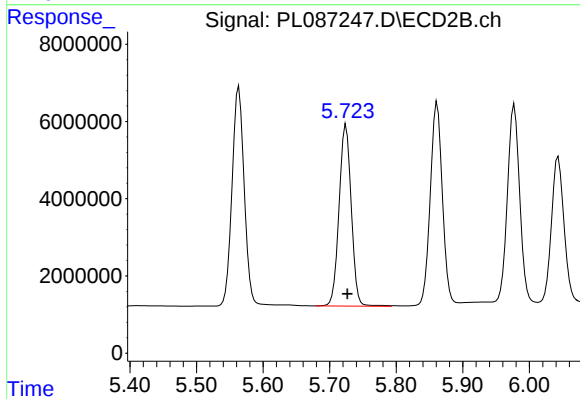
#15 Endosulfan II

R.T.: 5.862 min
Delta R.T.: -0.002 min
Response: 67091908
Conc: 34.46 ng/ml



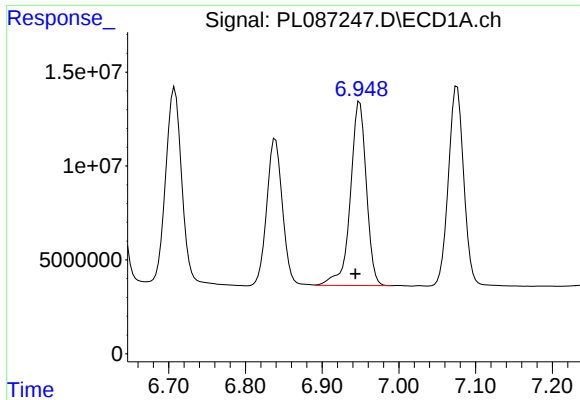
#16 4,4'-DDD

R.T.: 6.632 min
Delta R.T.: 0.006 min
Response: 129361460
Conc: 39.14 ng/ml



#16 4,4'-DDD

R.T.: 5.725 min
Delta R.T.: -0.002 min
Response: 59708808
Conc: 36.06 ng/ml



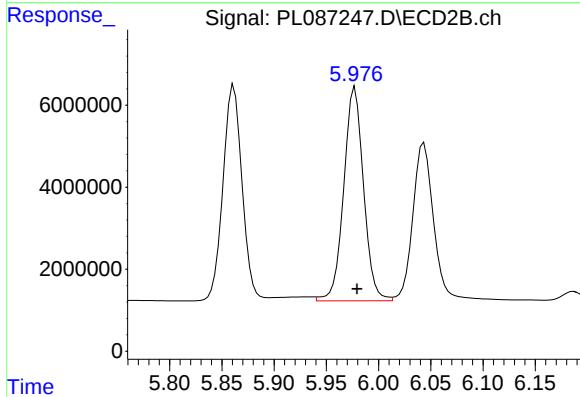
#17 4,4'-DDT

R.T.: 6.949 min
Delta R.T.: 0.006 min
Response: 142872348
Conc: 38.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

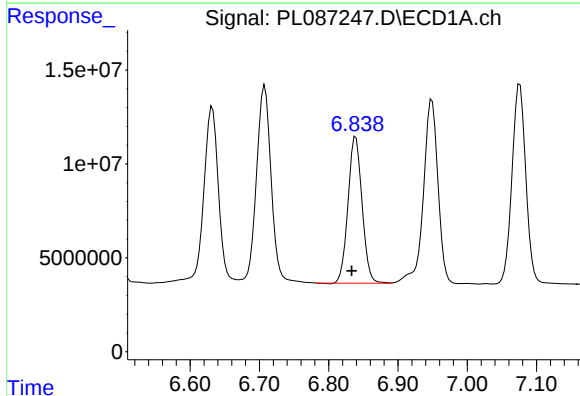
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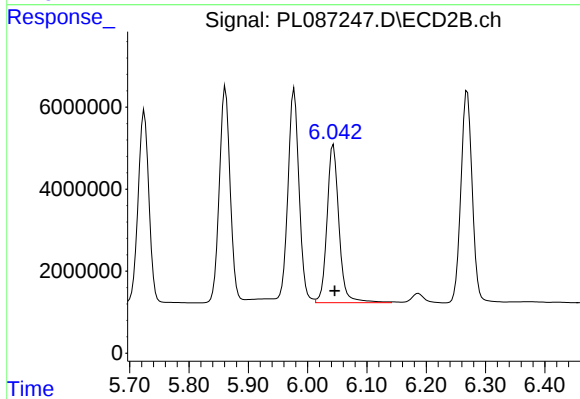
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 68751224
Conc: 37.28 ng/ml



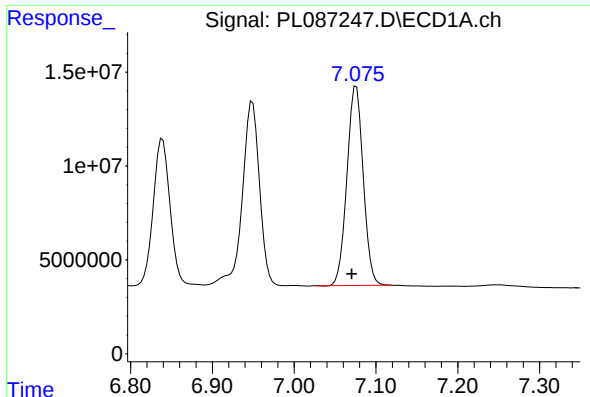
#18 Endrin aldehyde

R.T.: 6.839 min
Delta R.T.: 0.006 min
Response: 110032168
Conc: 37.96 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.002 min
Response: 53954885
Conc: 36.76 ng/ml



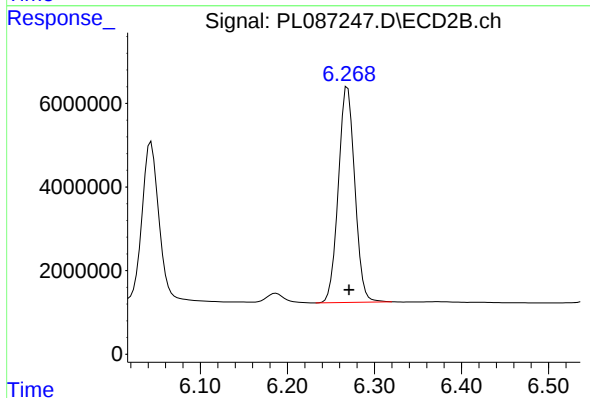
#19 Endosulfan Sulfate

R.T.: 7.076 min
Delta R.T.: 0.006 min
Response: 146020848
Conc: 37.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

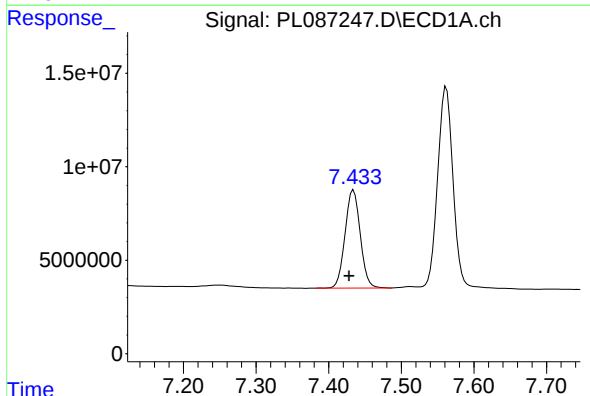
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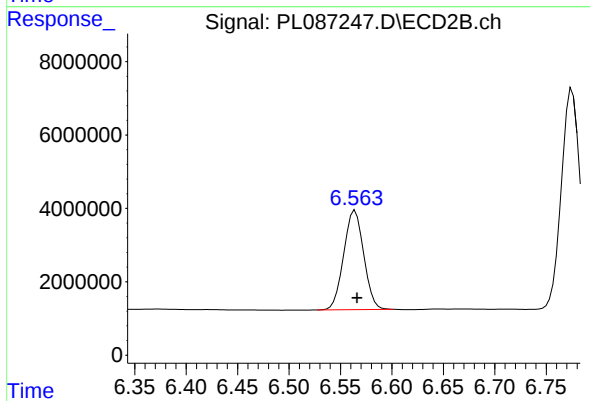
#19 Endosulfan Sulfate

R.T.: 6.269 min
Delta R.T.: -0.001 min
Response: 67745839
Conc: 35.96 ng/ml



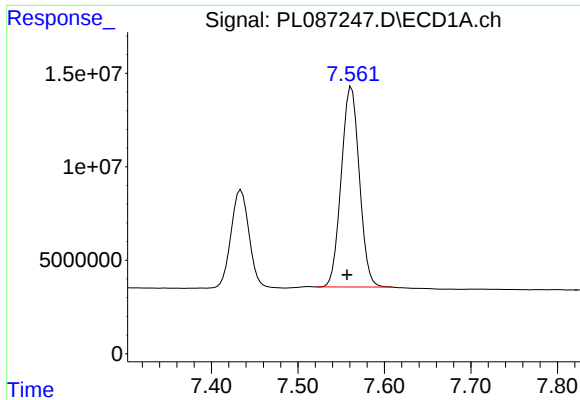
#20 Methoxychlor

R.T.: 7.434 min
Delta R.T.: 0.006 min
Response: 76408338
Conc: 39.19 ng/ml



#20 Methoxychlor

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 36688927
Conc: 35.92 ng/ml



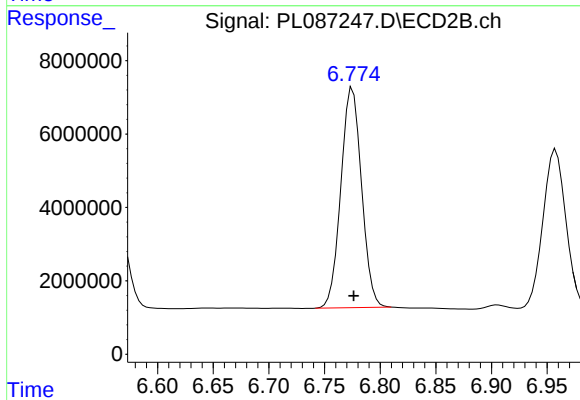
#21 Endrin ketone

R.T.: 7.562 min
Delta R.T.: 0.005 min
Response: 155076989
Conc: 38.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

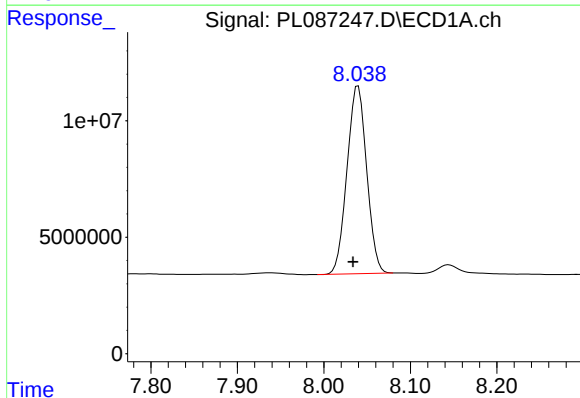
Manual Integrations
APPROVED

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



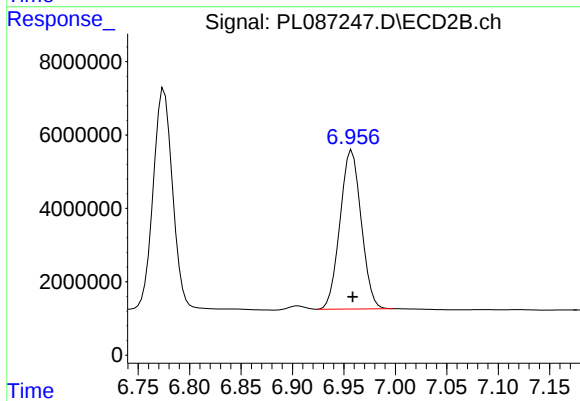
#21 Endrin ketone

R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 77599606
Conc: 36.45 ng/ml



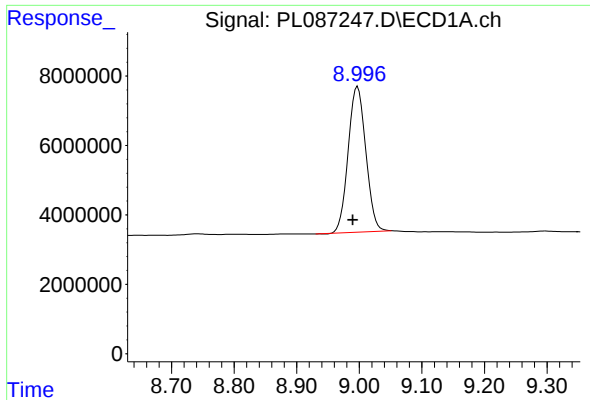
#22 Mirex

R.T.: 8.040 min
Delta R.T.: 0.006 min
Response: 126879031
Conc: 37.67 ng/ml



#22 Mirex

R.T.: 6.956 min
Delta R.T.: -0.002 min
Response: 62134531
Conc: 34.92 ng/ml m



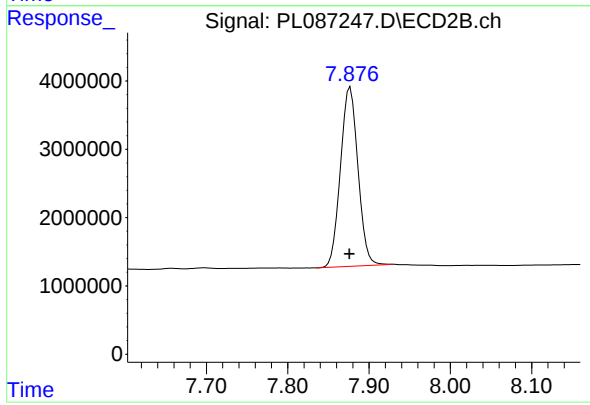
#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: 0.008 min
Response: 82497646
Conc: 24.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/20/2023



#28 Decachlorobiphenyl

R.T.: 7.877 min
Delta R.T.: 0.001 min
Response: 39203923
Conc: 23.21 ng/ml