

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121923\
 Data File : PL087256.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2023 16:07
 Operator : AR\AJ
 Sample : PB157860BS
 Misc :
 ALS Vial : 15 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 23:48:40 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	74379746	31077250	19.764	18.462
28)	SA Decachlor...	8.998	7.876	65590878	30690154	19.235	18.171
Target Compounds							
2)	A alpha-BHC	3.890	3.186	297.8E6	125.7E6	55.009	51.132
3)	MA gamma-BHC...	4.224	3.517	285.3E6	122.4E6	54.279	50.524
4)	MA Heptachlor	4.818	3.860	269.3E6	117.9E6	50.558	49.339
5)	MB Aldrin	5.159	4.140	253.0E6	116.8E6	48.592m	48.707
6)	B beta-BHC	4.424	3.819	113.6E6	49201135	49.442	47.264
7)	B delta-BHC	4.671	4.048	270.8E6	120.3E6	51.791	49.169
8)	B Heptachlo...	5.592	4.649	218.8E6	105.0E6	46.416	47.192
9)	A Endosulfan I	5.978	5.021	215.5E6	95774716	48.253	44.316
10)	B gamma-Chl...	5.849	4.903	232.4E6	105.4E6	47.942	46.075
11)	B alpha-Chl...	5.930	4.968	232.8E6	105.3E6	48.437	45.607
12)	B 4,4'-DDE	6.111	5.165	203.0E6	92263144	48.983	46.468
13)	MA Dieldrin	6.256	5.288	230.8E6	103.4E6	49.737	46.394
14)	MA Endrin	6.485	5.564	187.0E6	89457423	48.595	44.826
15)	B Endosulfa...	6.707	5.862	192.9E6	87613600	48.095	44.999
16)	A 4,4'-DDD	6.632	5.724	170.2E6	75822445	51.508	45.794
17)	MA 4,4'-DDT	6.949	5.978	182.2E6	86490255	48.458	46.895
18)	B Endrin al...	6.839	6.044	146.2E6	69280062	50.439	47.206
19)	B Endosulfa...	7.075	6.269	188.1E6	82676857	47.897	43.888
20)	A Methoxychlor	7.434	6.564	97274194	45731996	49.886	44.774
21)	B Endrin ke...	7.562	6.775	200.5E6	97111928	49.285	45.620
22)	Mirex	8.039	6.958	165.0E6	79539060	48.996	44.707

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121923\
Data File : PL087256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Dec 2023 16:07
Operator : AR\AJ
Sample : PB157860BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

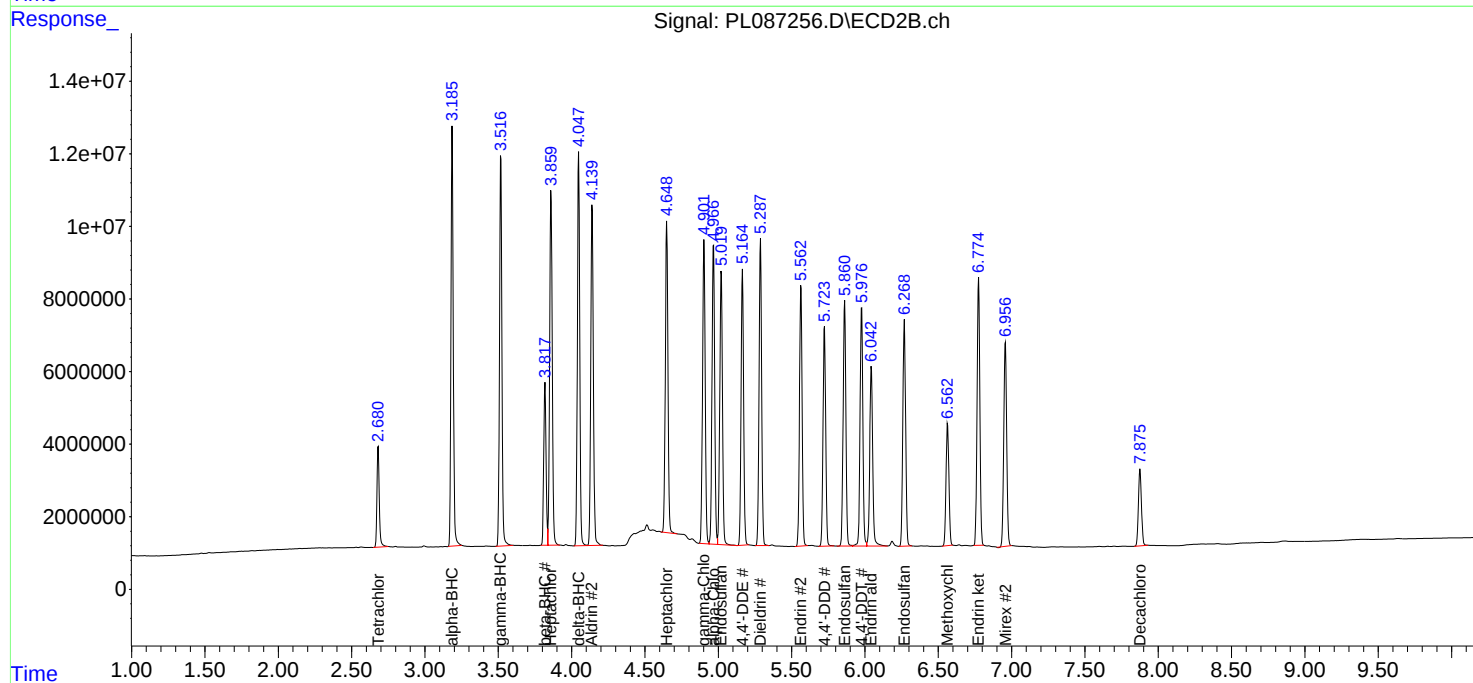
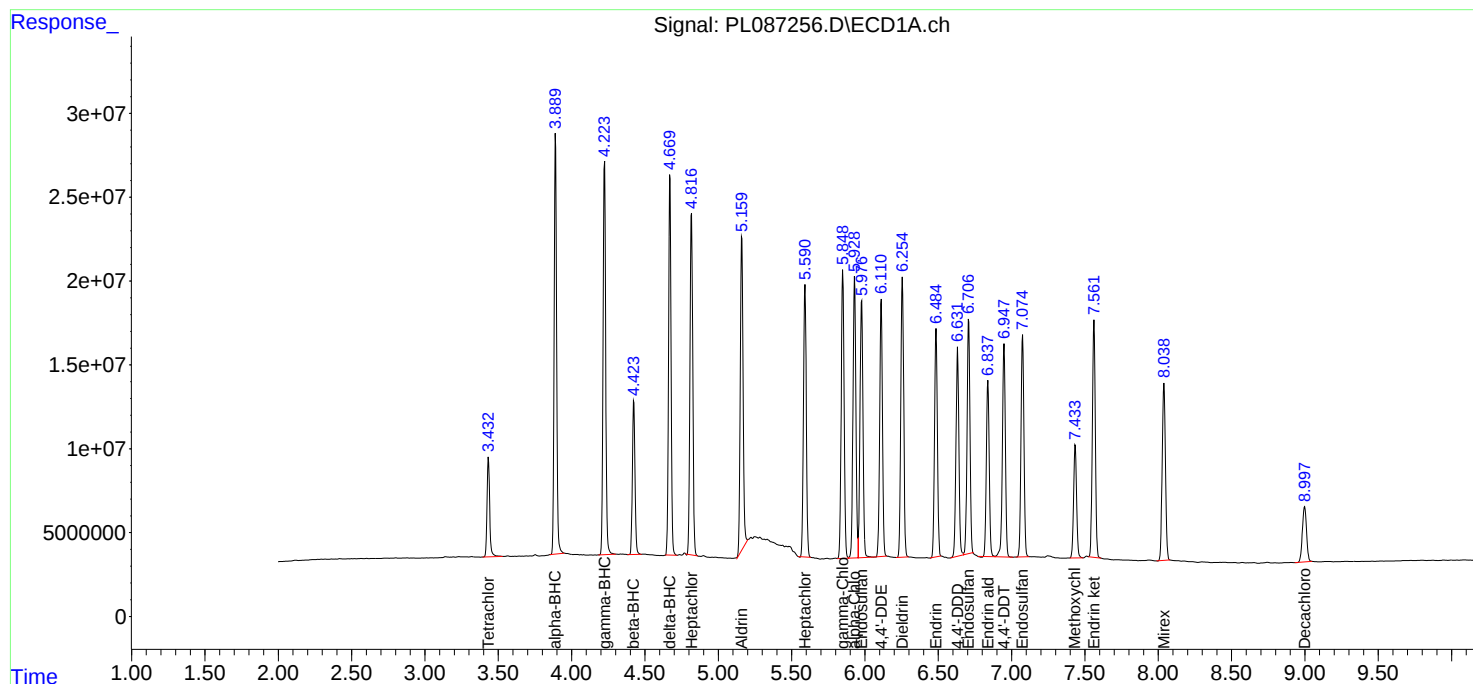
Instrument :
ECD_L
ClientSampleId :
PB157860BS

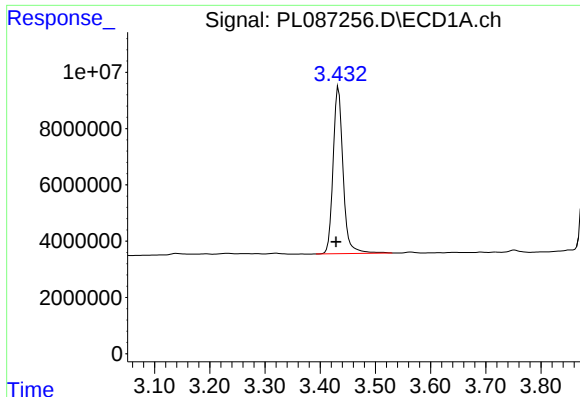
Manual Integrations
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Supervised By :Ankita Jodhani 12/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 19 23:48:40 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





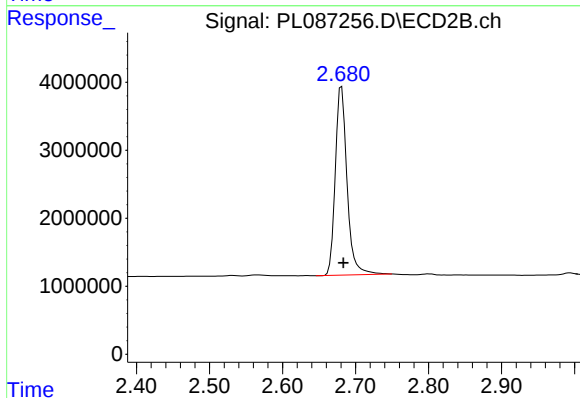
#1 Tetrachloro-m-xylene

R.T.: 3.433 min
Delta R.T.: 0.004 min
Response: 74379746
Conc: 19.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

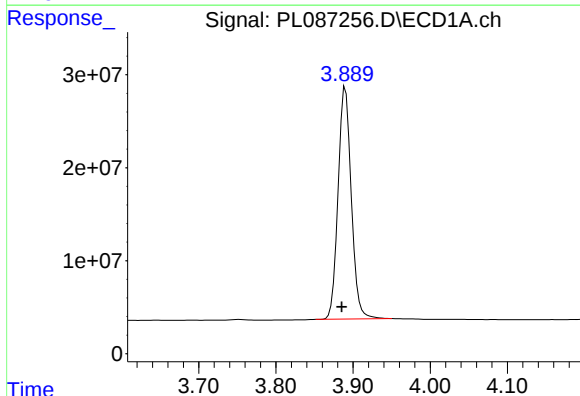
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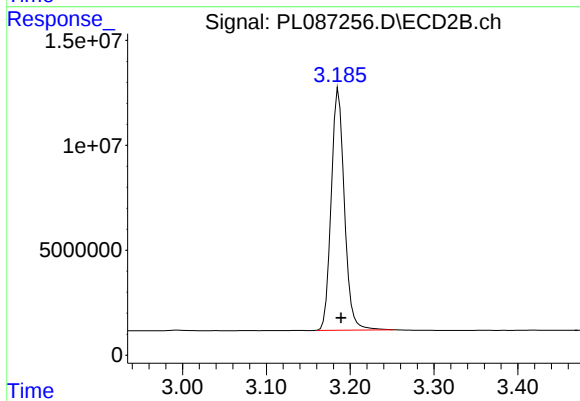
#1 Tetrachloro-m-xylene

R.T.: 2.681 min
Delta R.T.: -0.003 min
Response: 31077250
Conc: 18.46 ng/ml



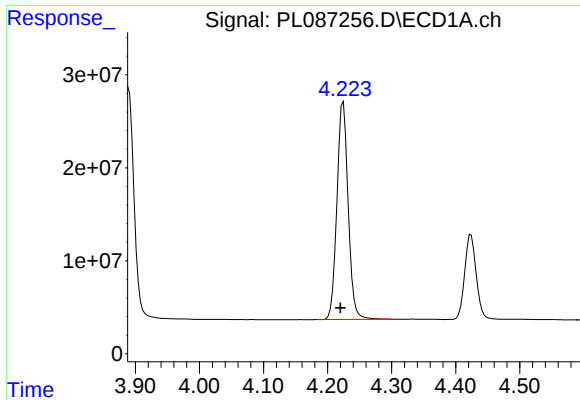
#2 alpha-BHC

R.T.: 3.890 min
Delta R.T.: 0.005 min
Response: 297826073
Conc: 55.01 ng/ml



#2 alpha-BHC

R.T.: 3.186 min
Delta R.T.: -0.003 min
Response: 125661951
Conc: 51.13 ng/ml



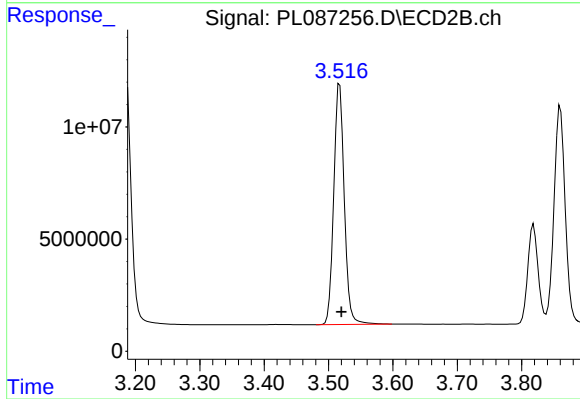
#3 gamma-BHC (Lindane)

R.T.: 4.224 min
Delta R.T.: 0.005 min
Response: 285270629
Conc: 54.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

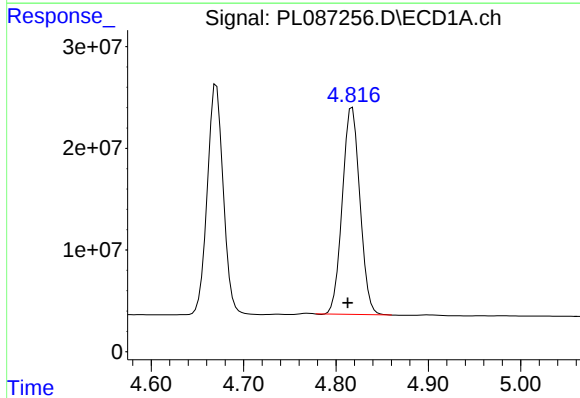
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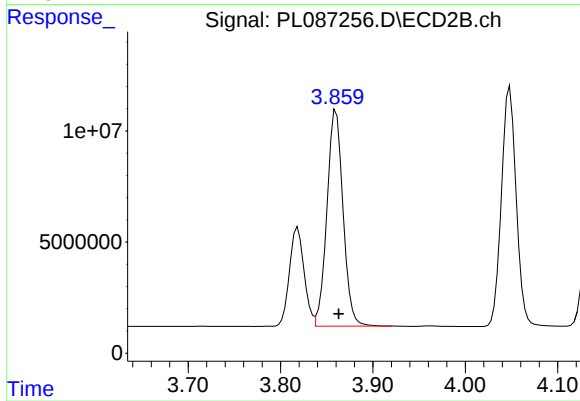
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 122389826
Conc: 50.52 ng/ml



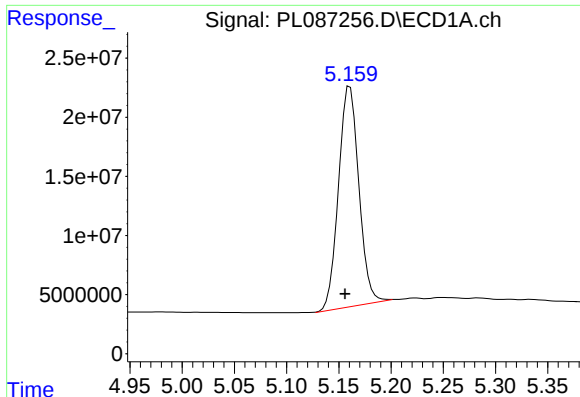
#4 Heptachlor

R.T.: 4.818 min
Delta R.T.: 0.005 min
Response: 269302680
Conc: 50.56 ng/ml



#4 Heptachlor

R.T.: 3.860 min
Delta R.T.: -0.003 min
Response: 117935322
Conc: 49.34 ng/ml



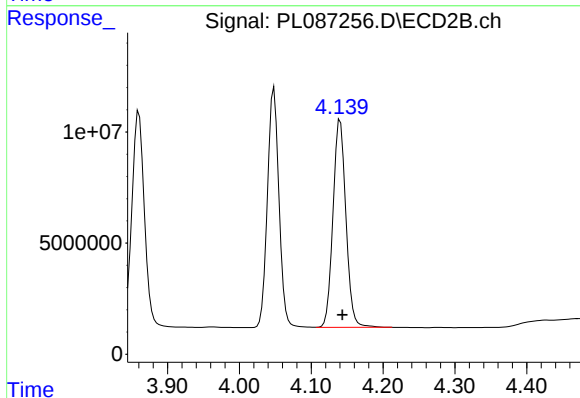
#5 Aldrin

R.T.: 5.159 min
Delta R.T.: 0.003 min
Response: 252990164
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

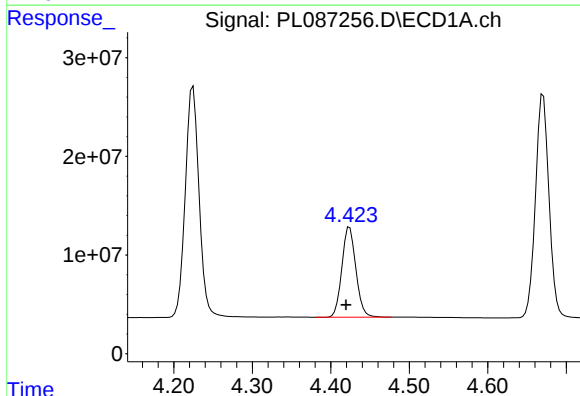
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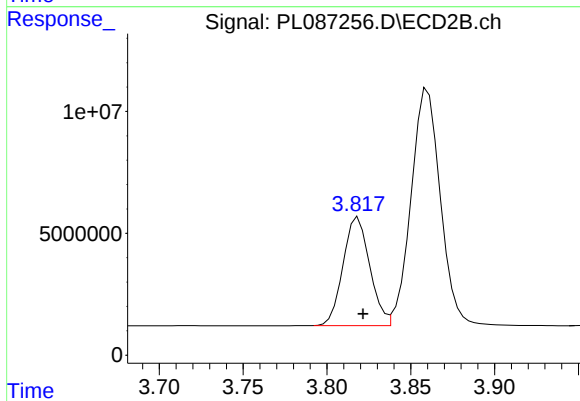
#5 Aldrin

R.T.: 4.140 min
Delta R.T.: -0.003 min
Response: 116788133
Conc: 48.71 ng/ml



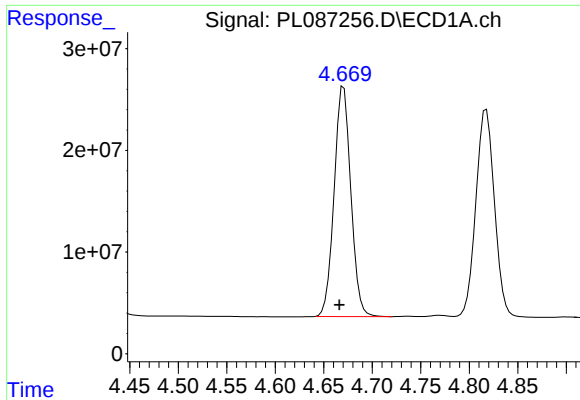
#6 beta-BHC

R.T.: 4.424 min
Delta R.T.: 0.004 min
Response: 113557626
Conc: 49.44 ng/ml



#6 beta-BHC

R.T.: 3.819 min
Delta R.T.: -0.003 min
Response: 49201135
Conc: 47.26 ng/ml



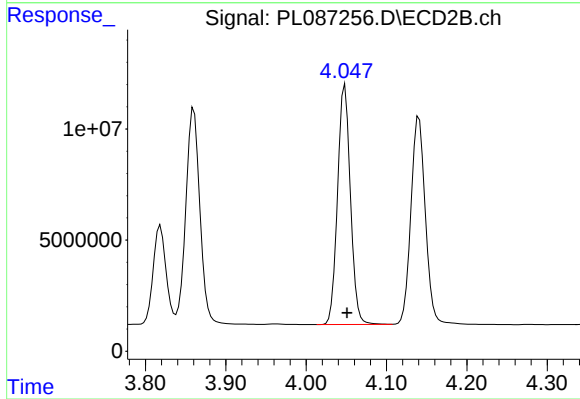
#7 delta-BHC

R.T.: 4.671 min
Delta R.T.: 0.004 min
Response: 270835605
Conc: 51.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

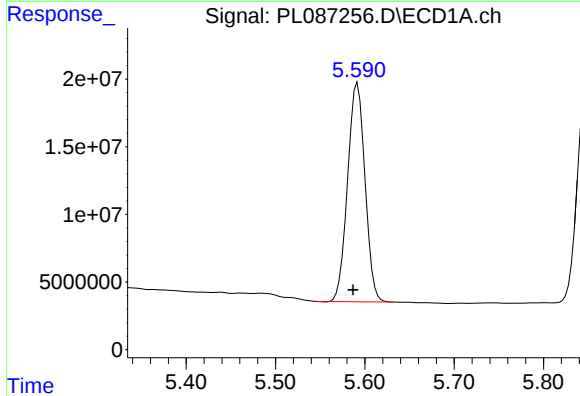
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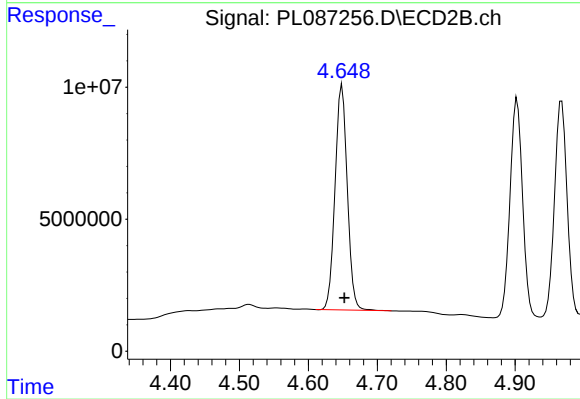
#7 delta-BHC

R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 120277211
Conc: 49.17 ng/ml



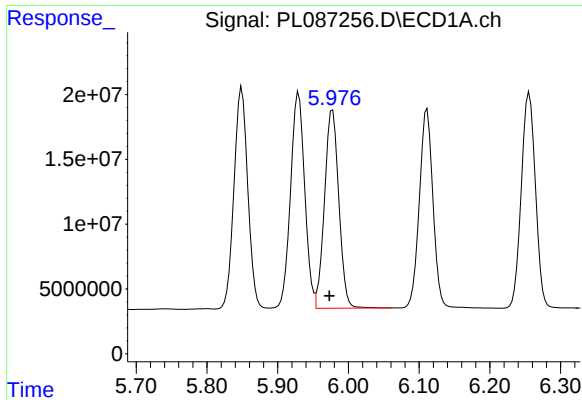
#8 Heptachlor epoxide

R.T.: 5.592 min
Delta R.T.: 0.005 min
Response: 218751814
Conc: 46.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.649 min
Delta R.T.: -0.003 min
Response: 105016880
Conc: 47.19 ng/ml



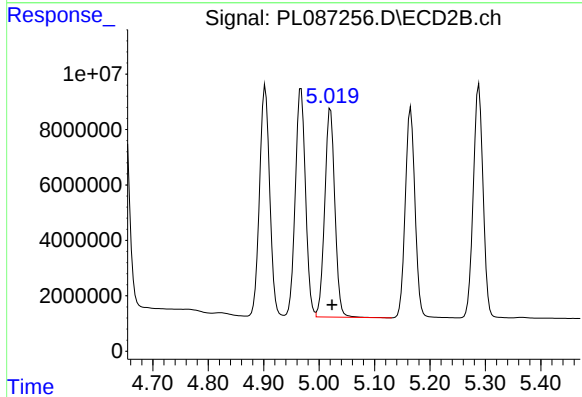
#9 Endosulfan I

R.T.: 5.978 min
Delta R.T.: 0.004 min
Response: 215511905
Conc: 48.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

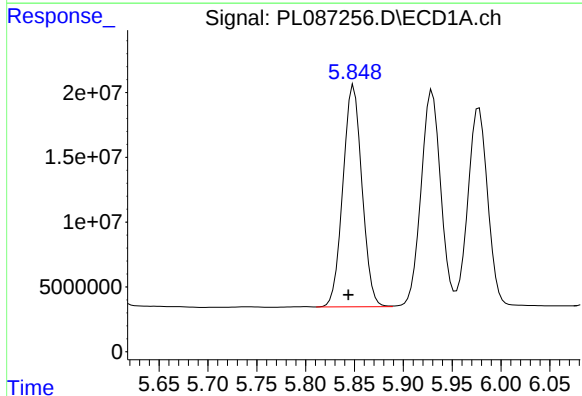
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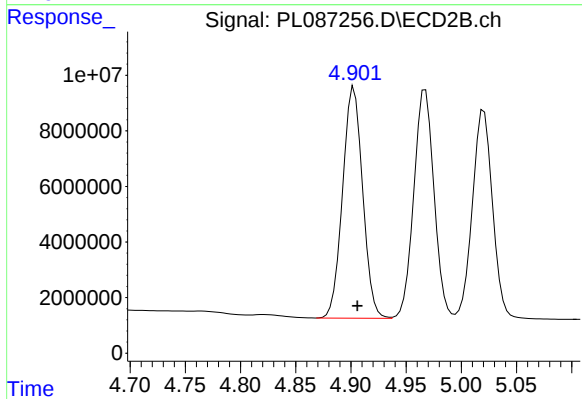
#9 Endosulfan I

R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 95774716
Conc: 44.32 ng/ml



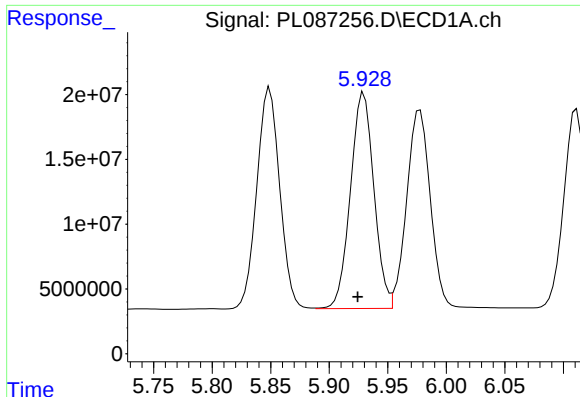
#10 gamma-Chlordane

R.T.: 5.849 min
Delta R.T.: 0.005 min
Response: 232423490
Conc: 47.94 ng/ml



#10 gamma-Chlordane

R.T.: 4.903 min
Delta R.T.: -0.003 min
Response: 105389034
Conc: 46.07 ng/ml



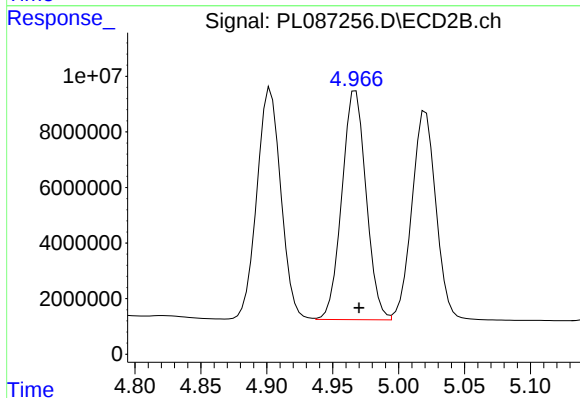
#11 alpha-Chlordane

R.T.: 5.930 min
Delta R.T.: 0.005 min
Response: 232794844
Conc: 48.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

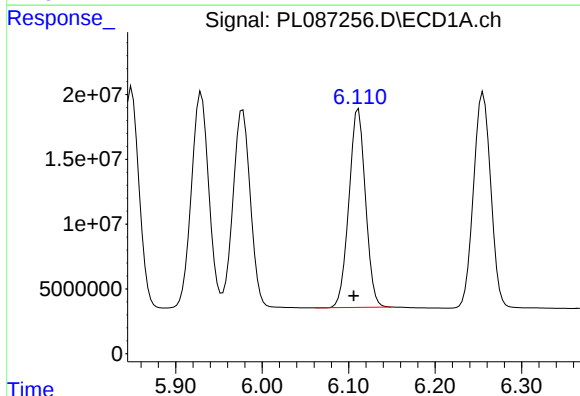
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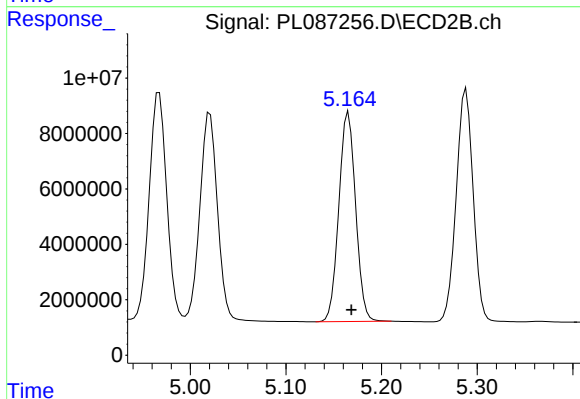
#11 alpha-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.003 min
Response: 105262791
Conc: 45.61 ng/ml



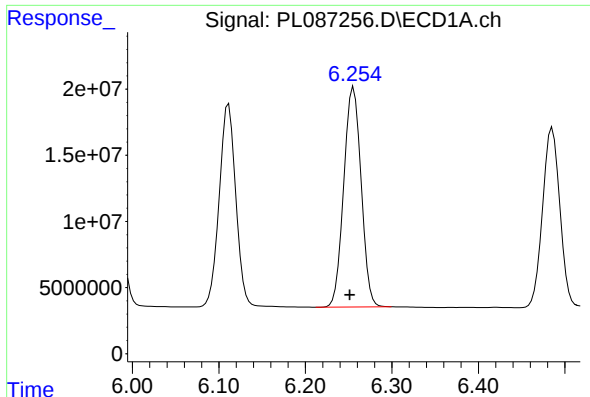
#12 4,4'-DDE

R.T.: 6.111 min
Delta R.T.: 0.005 min
Response: 202988574
Conc: 48.98 ng/ml



#12 4,4'-DDE

R.T.: 5.165 min
Delta R.T.: -0.003 min
Response: 92263144
Conc: 46.47 ng/ml



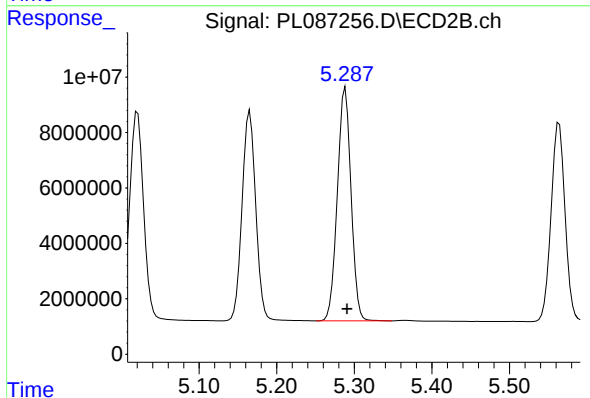
#13 Dieldrin

R.T.: 6.256 min
Delta R.T.: 0.004 min
Response: 230823590
Conc: 49.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

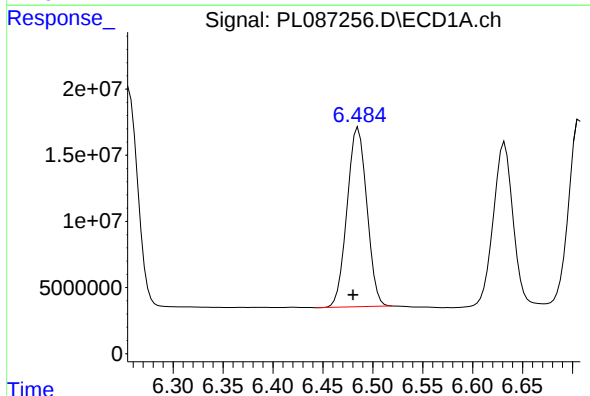
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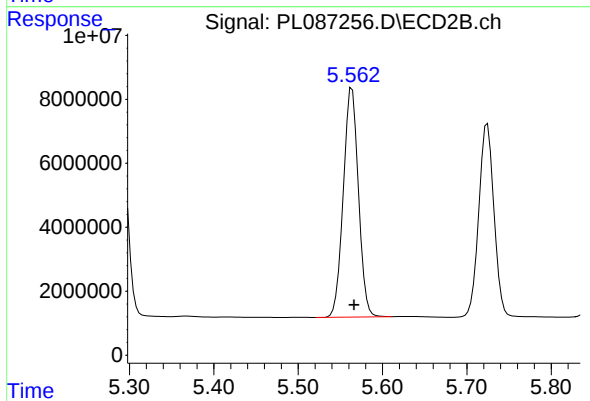
#13 Dieldrin

R.T.: 5.288 min
Delta R.T.: -0.002 min
Response: 103355524
Conc: 46.39 ng/ml



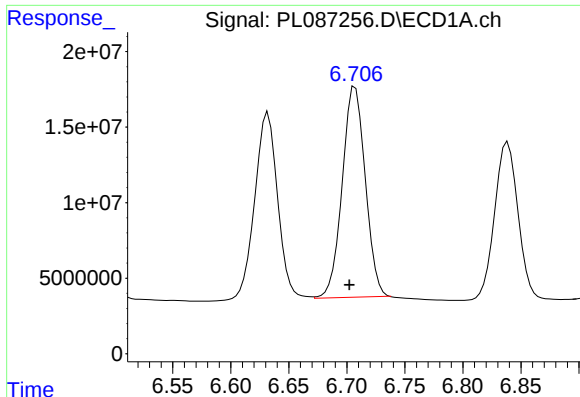
#14 Endrin

R.T.: 6.485 min
Delta R.T.: 0.005 min
Response: 186963216
Conc: 48.60 ng/ml



#14 Endrin

R.T.: 5.564 min
Delta R.T.: -0.002 min
Response: 89457423
Conc: 44.83 ng/ml



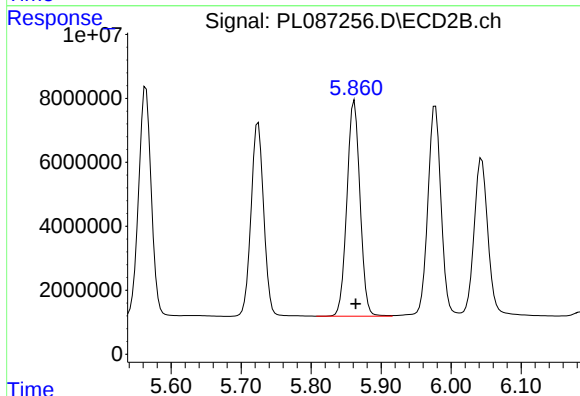
#15 Endosulfan II

R.T.: 6.707 min
Delta R.T.: 0.005 min
Response: 192880232
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

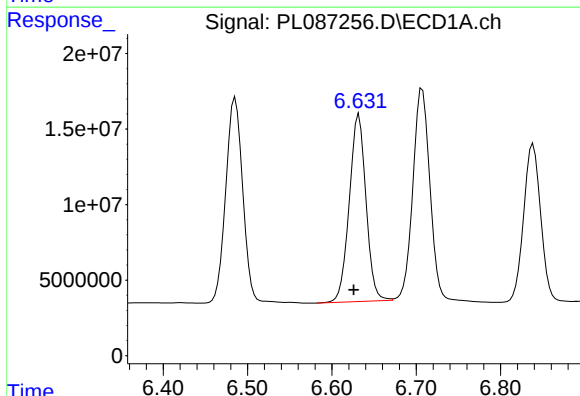
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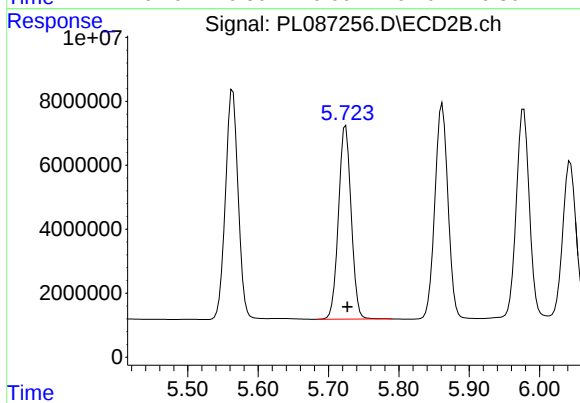
#15 Endosulfan II

R.T.: 5.862 min
Delta R.T.: -0.002 min
Response: 87613600
Conc: 45.00 ng/ml



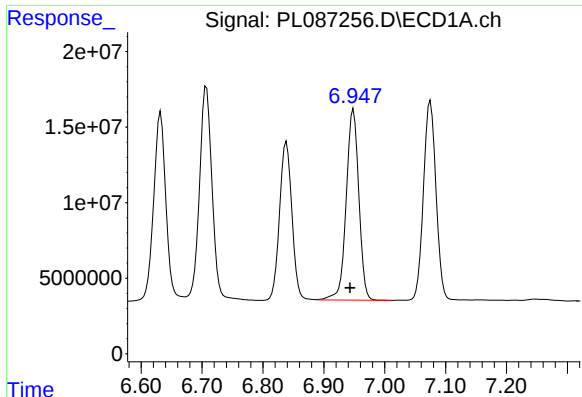
#16 4,4'-DDD

R.T.: 6.632 min
Delta R.T.: 0.006 min
Response: 170239849
Conc: 51.51 ng/ml



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: -0.002 min
Response: 75822445
Conc: 45.79 ng/ml



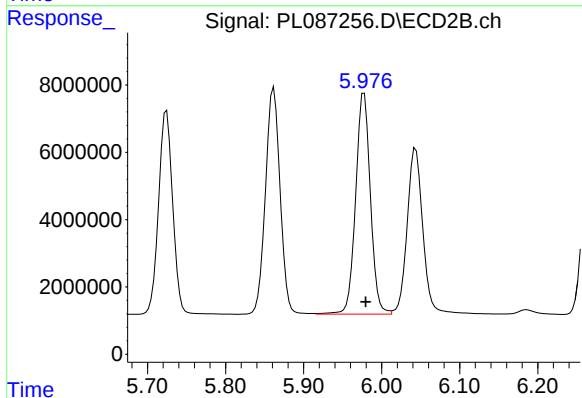
#17 4,4'-DDT

R.T.: 6.949 min
Delta R.T.: 0.005 min
Response: 182212920
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

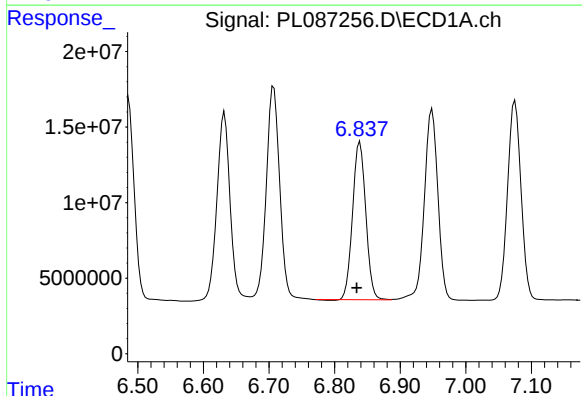
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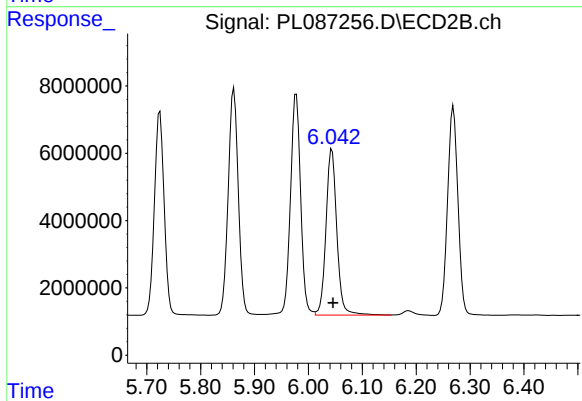
#17 4,4'-DDT

R.T.: 5.978 min
Delta R.T.: -0.002 min
Response: 86490255
Conc: 46.90 ng/ml



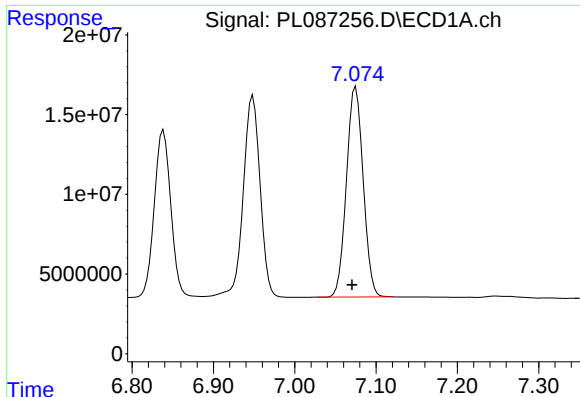
#18 Endrin aldehyde

R.T.: 6.839 min
Delta R.T.: 0.005 min
Response: 146192036
Conc: 50.44 ng/ml



#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 69280062
Conc: 47.21 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.075 min
Delta R.T.: 0.005 min
Response: 188085819
Conc: 47.90 ng/ml

Instrument :

ECD_L

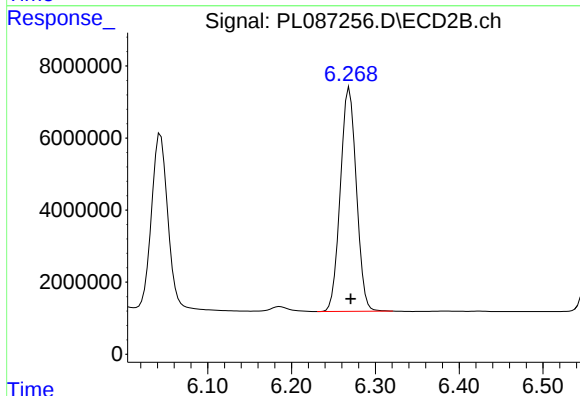
ClientSampleId :

PB157860BS

Manual Integrations

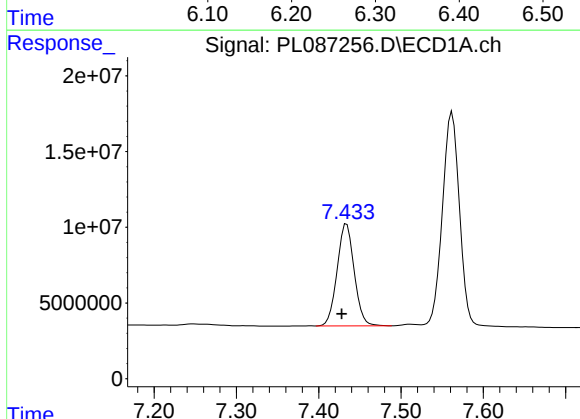
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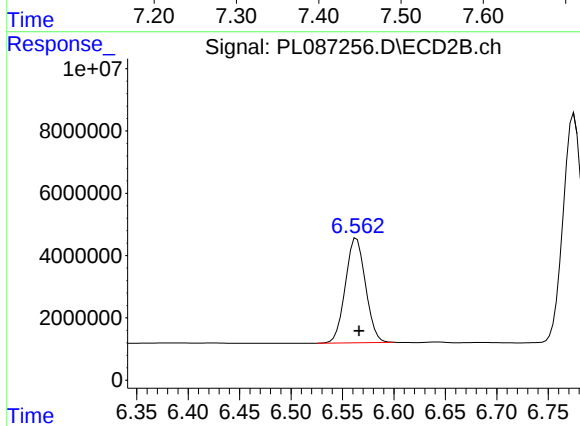
#19 Endosulfan Sulfate

R.T.: 6.269 min
Delta R.T.: -0.002 min
Response: 82676857
Conc: 43.89 ng/ml



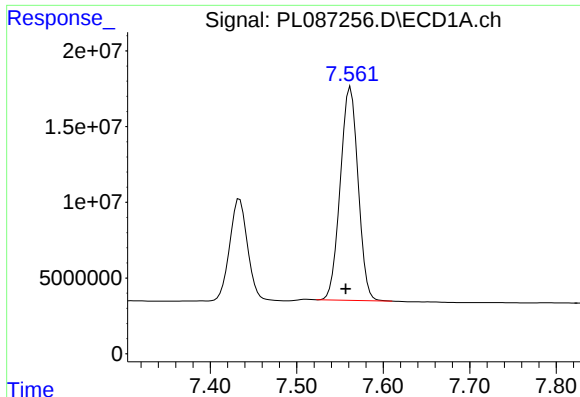
#20 Methoxychlor

R.T.: 7.434 min
Delta R.T.: 0.006 min
Response: 97274194
Conc: 49.89 ng/ml



#20 Methoxychlor

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 45731996
Conc: 44.77 ng/ml



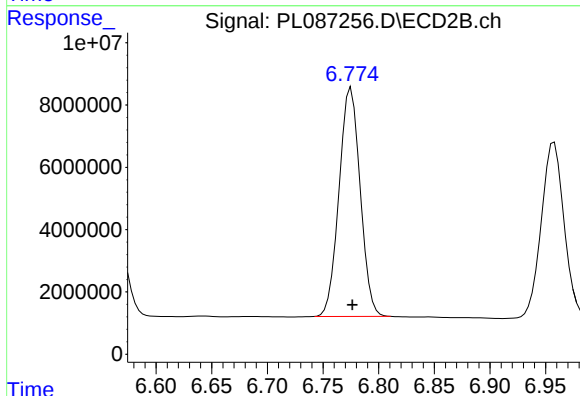
#21 Endrin ketone

R.T.: 7.562 min
Delta R.T.: 0.005 min
Response: 200504232
Conc: 49.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

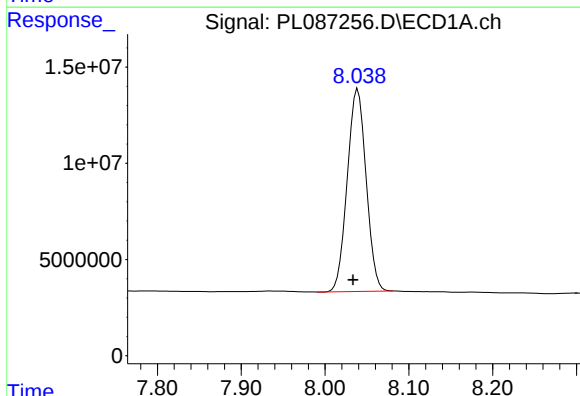
Manual Integrations
APPROVED

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



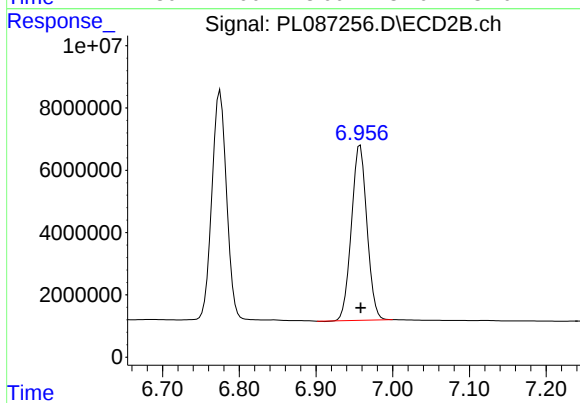
#21 Endrin ketone

R.T.: 6.775 min
Delta R.T.: -0.001 min
Response: 97111928
Conc: 45.62 ng/ml



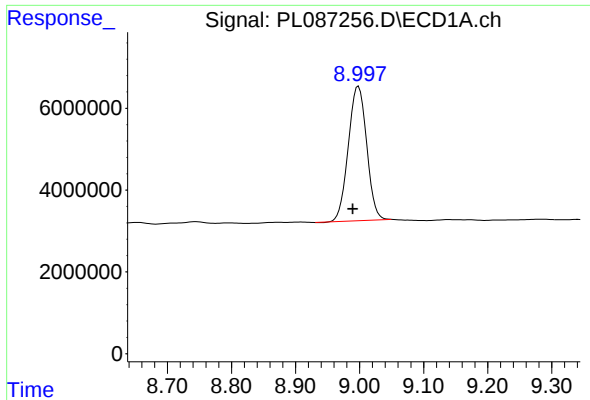
#22 Mirex

R.T.: 8.039 min
Delta R.T.: 0.006 min
Response: 165020142
Conc: 49.00 ng/ml



#22 Mirex

R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 79539060
Conc: 44.71 ng/ml



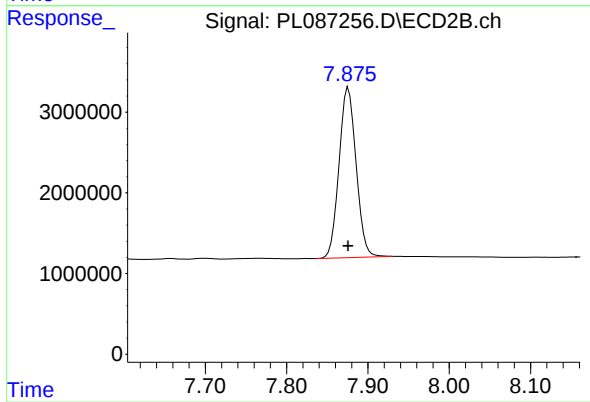
#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: 0.009 min
Response: 65590878
Conc: 19.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157860BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.876 min
Delta R.T.: 0.000 min
Response: 30690154
Conc: 18.17 ng/ml