

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050923\
 Data File : PL082590.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2023 12:23
 Operator : AR\AJ
 Sample : PB152667BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152667BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/10/2023
 Supervised By :Ankita Jodhani 05/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 21:09:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.327	2.640	52957953	42422057	19.825	18.311
28)	SA Decachlor...	8.748	7.755	43049514	48405894	22.550	21.207
Target Compounds							
2)	A alpha-BHC	3.777	3.138	189.8E6	147.3E6	47.677	43.278
3)	MA gamma-BHC...	4.105	3.465	175.0E6	139.0E6	46.796	43.227
4)	MA Heptachlor	4.683	3.797	170.0E6	148.8E6	46.532m	43.475
5)	MB Aldrin	5.021	4.073	160.4E6	137.0E6	48.647	43.502m
6)	B beta-BHC	4.309	3.766	76509499	57773690	44.860	42.344
7)	B delta-BHC	4.550	3.992	177.9E6	138.5E6	49.459	45.150
8)	B Heptachlo...	5.447	4.576	149.4E6	130.4E6	48.975	45.263
9)	A Endosulfan I	5.827	4.944	138.2E6	121.4E6	49.846	45.494
10)	B gamma-Chl...	5.702	4.825	156.3E6	133.1E6	51.982	45.866
11)	B alpha-Chl...	5.780	4.888	150.0E6	133.1E6	50.247	45.851
12)	B 4,4'-DDE	5.958	5.080	128.7E6	111.4E6	50.616	48.453
13)	MA Dieldrin	6.103	5.207	140.1E6	126.2E6	50.777	46.734m
14)	MA Endrin	6.330	5.481	120.7E6	115.3E6	49.800	47.121m
15)	B Endosulfa...	6.552	5.780	115.9E6	108.8E6	47.611	48.268
16)	A 4,4'-DDD	6.475	5.634	107.1E6	92905285	52.834	49.671
17)	MA 4,4'-DDT	6.785	5.883	110.3E6	97783898	48.214	46.286
18)	B Endrin al...	6.682	5.961	95643292	88898507	50.761	47.504
19)	B Endosulfa...	6.916	6.183	117.9E6	111.1E6	49.731	47.179
20)	A Methoxychlor	7.266	6.463	58471484	54890118	47.914	45.295
21)	B Endrin ke...	7.396	6.686	121.3E6	122.6E6	50.671	48.314m
22)	Mirex	7.860	6.858	91026605	102.3E6	46.529	44.380m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050923\
Data File : PL082590.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2023 12:23
Operator : AR\AJ
Sample : PB152667BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB152667BS

Manual Integrations

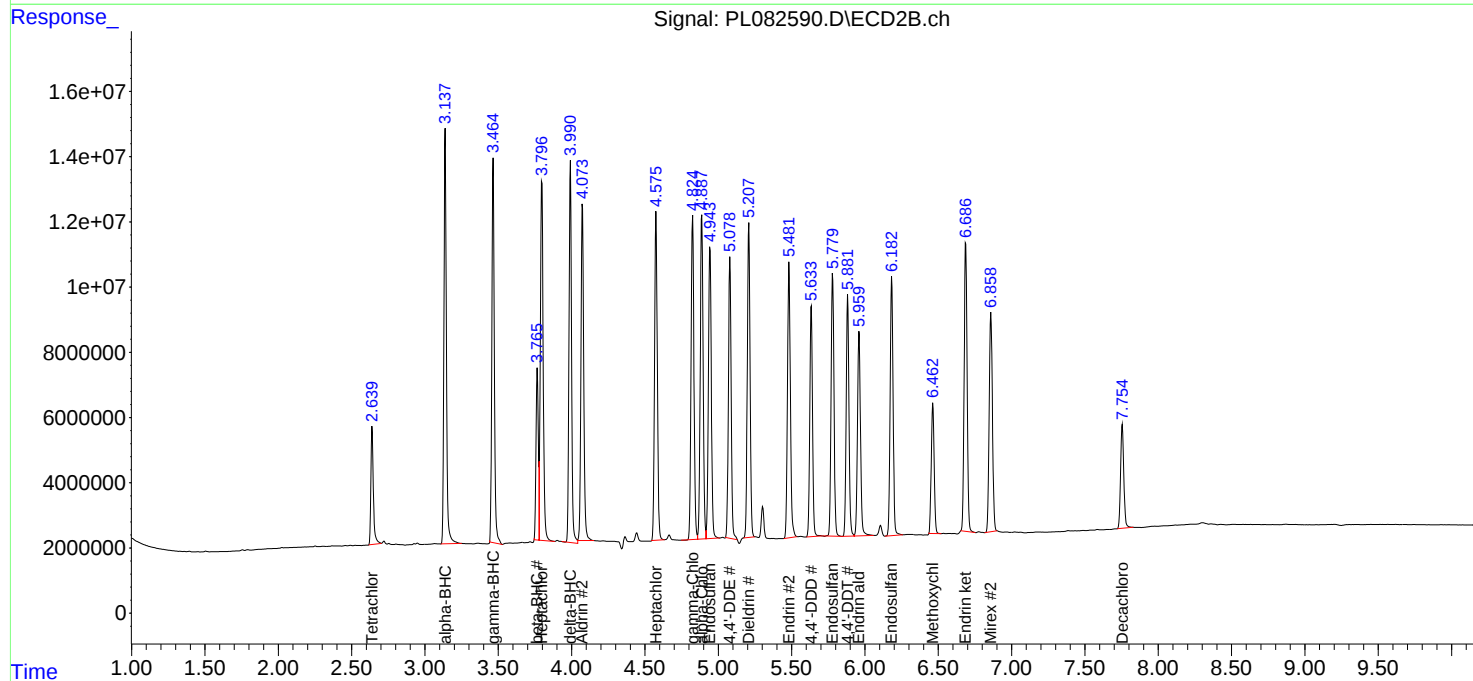
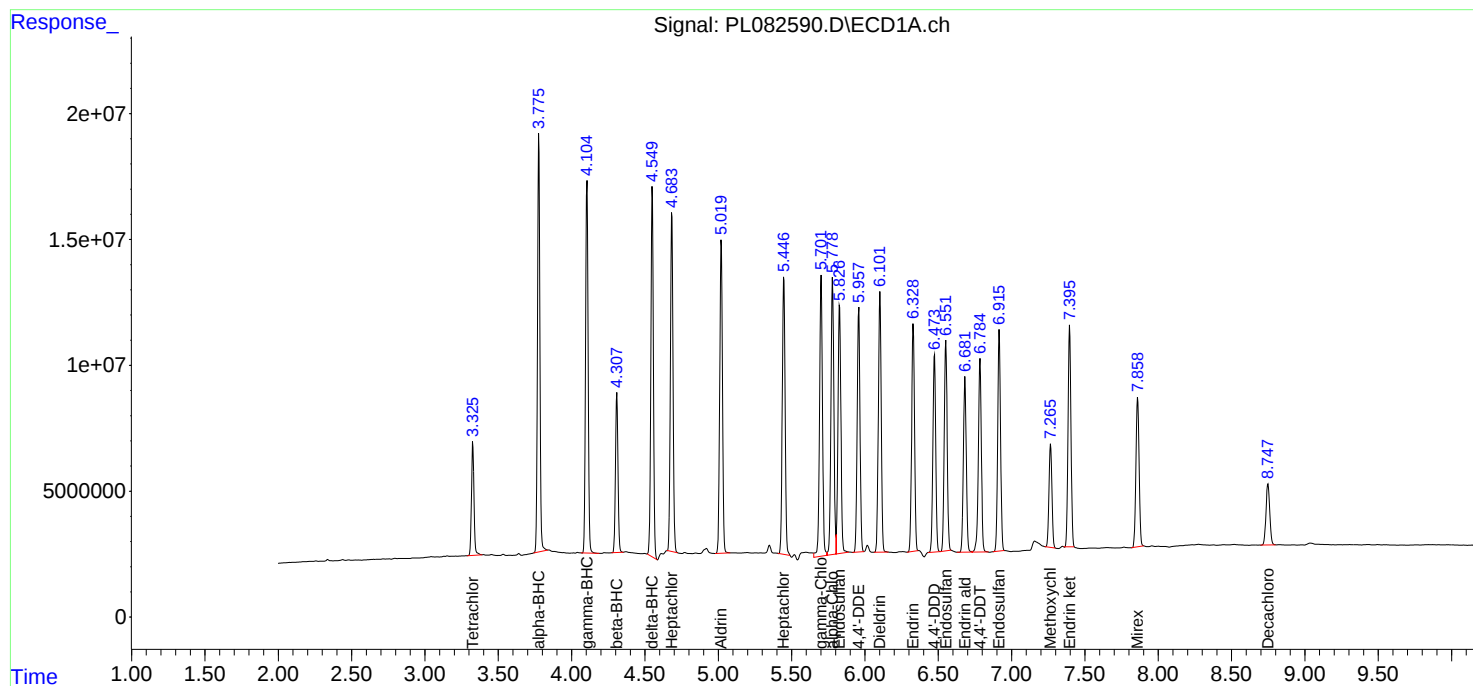
APPROVED

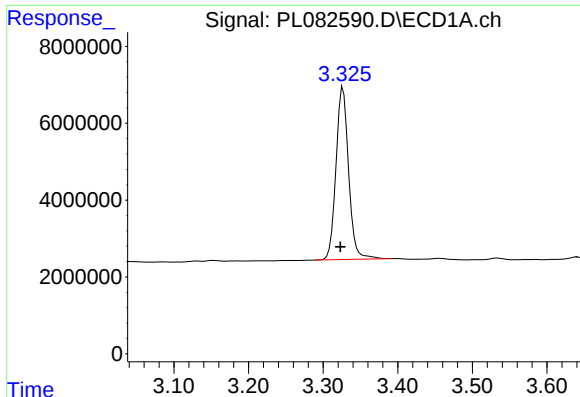
Reviewed By :Abdul Mirza 05/10/2023

Supervised By :Ankita Jodhani 05/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 09 21:09:51 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





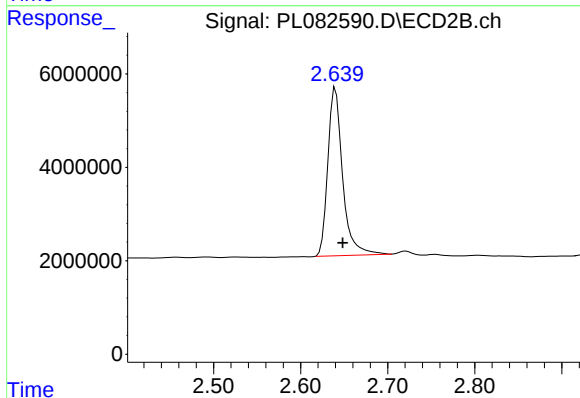
#1 Tetrachloro-m-xylene

R.T.: 3.327 min
Delta R.T.: 0.004 min
Response: 52957953
Conc: 19.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152667BS

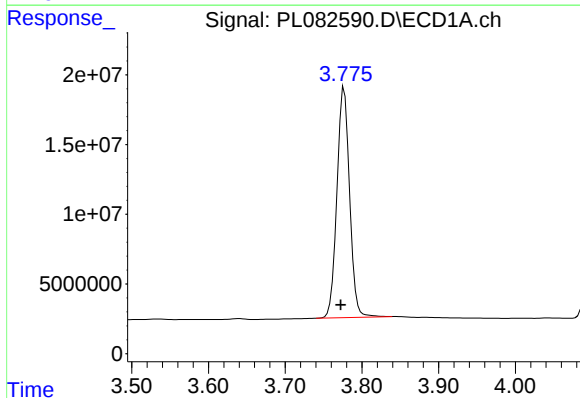
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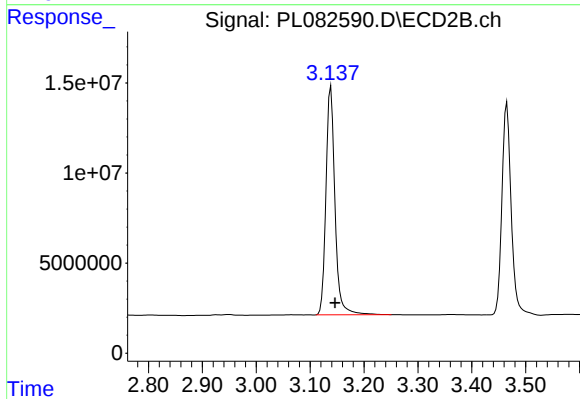
#1 Tetrachloro-m-xylene

R.T.: 2.640 min
Delta R.T.: -0.008 min
Response: 42422057
Conc: 18.31 ng/ml



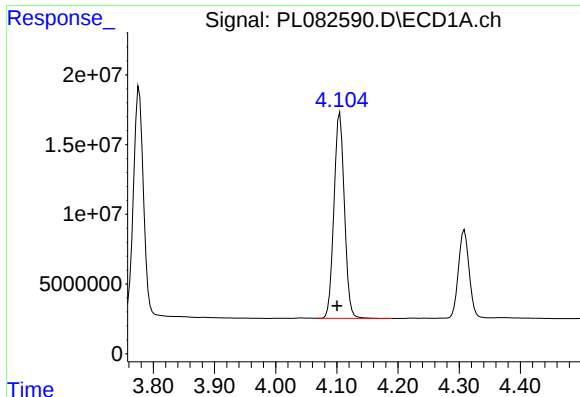
#2 alpha-BHC

R.T.: 3.777 min
Delta R.T.: 0.005 min
Response: 189765762
Conc: 47.68 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.008 min
Response: 147294542
Conc: 43.28 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.105 min
Delta R.T.: 0.005 min
Response: 174965930
Conc: 46.80 ng/ml

Instrument :

ECD_L

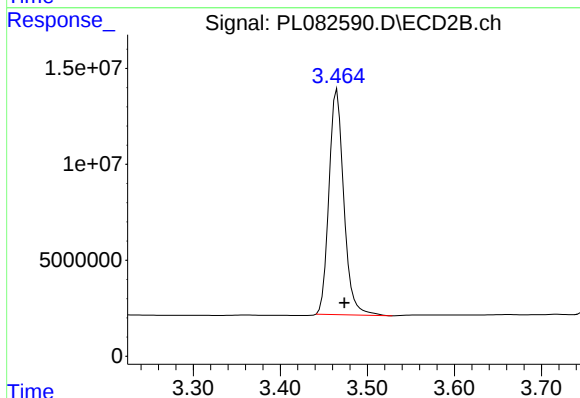
ClientSampleId :

PB152667BS

Manual Integrations

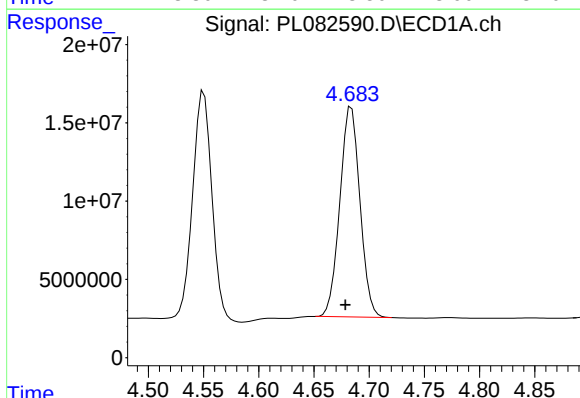
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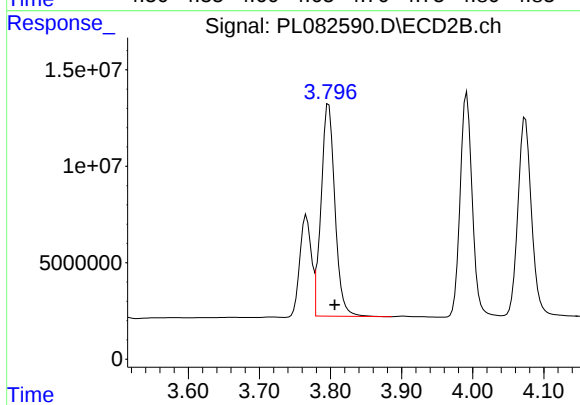
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.008 min
Response: 138986242
Conc: 43.23 ng/ml



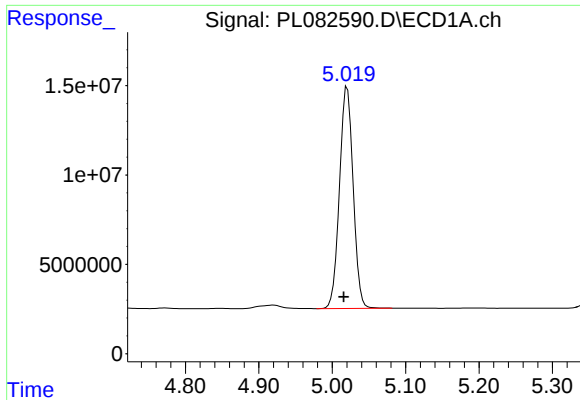
#4 Heptachlor

R.T.: 4.683 min
Delta R.T.: 0.004 min
Response: 170023615
Conc: 46.53 ng/ml m



#4 Heptachlor

R.T.: 3.797 min
Delta R.T.: -0.008 min
Response: 148824324
Conc: 43.47 ng/ml



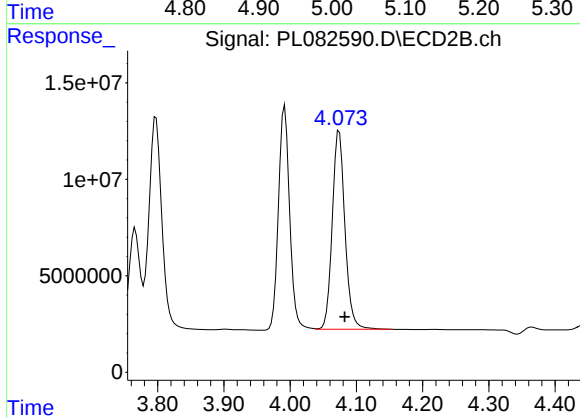
#5 Aldrin

R.T.: 5.021 min
Delta R.T.: 0.005 min
Response: 160416308
Conc: 48.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152667BS

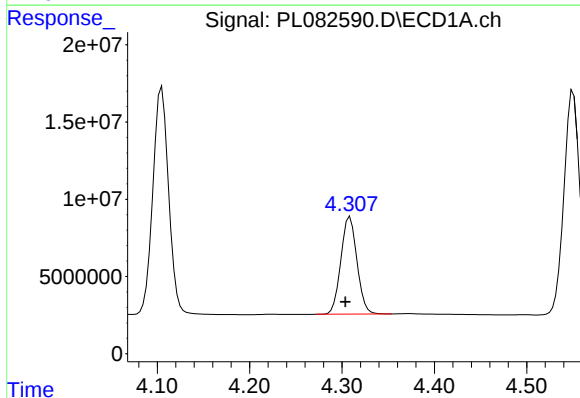
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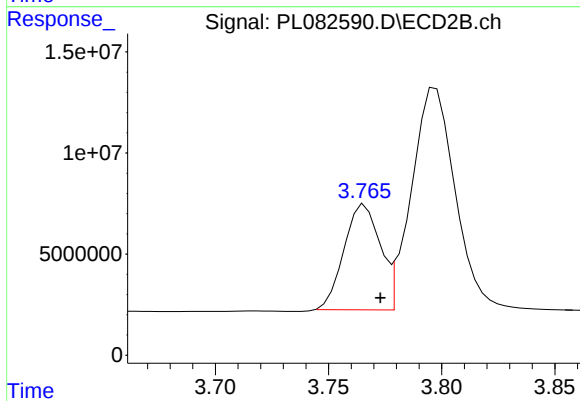
#5 Aldrin

R.T.: 4.073 min
Delta R.T.: -0.010 min
Response: 137026774
Conc: 43.50 ng/ml m



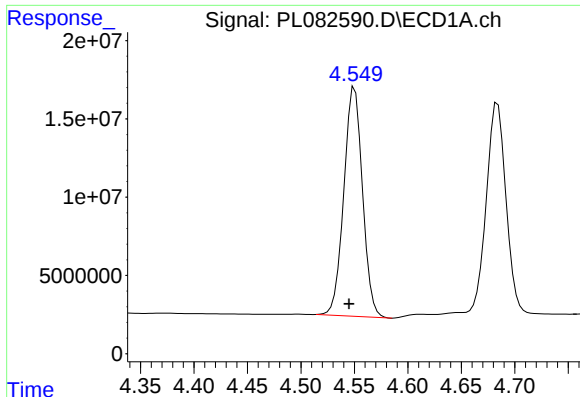
#6 beta-BHC

R.T.: 4.309 min
Delta R.T.: 0.005 min
Response: 76509499
Conc: 44.86 ng/ml



#6 beta-BHC

R.T.: 3.766 min
Delta R.T.: -0.007 min
Response: 57773690
Conc: 42.34 ng/ml



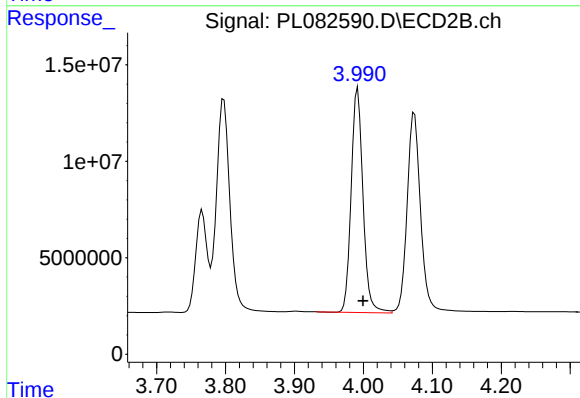
#7 delta-BHC

R.T.: 4.550 min
Delta R.T.: 0.005 min
Response: 177941379
Conc: 49.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152667BS

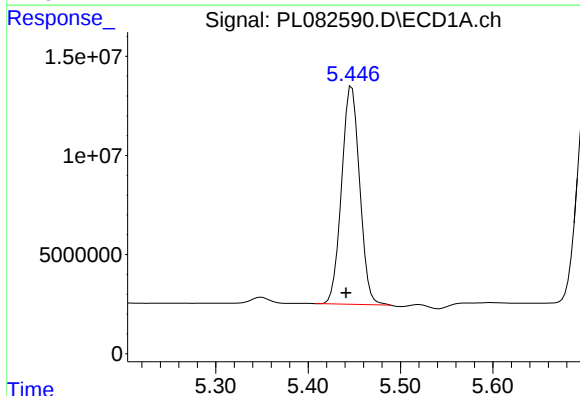
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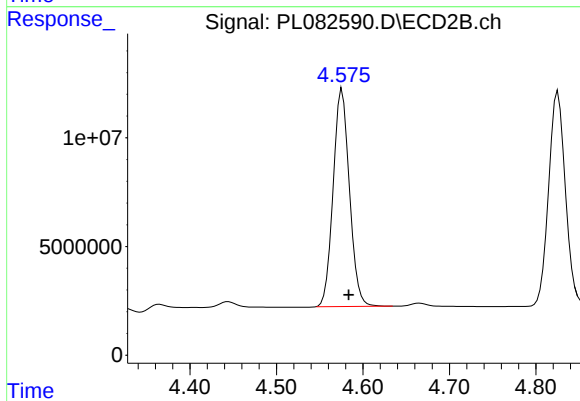
#7 delta-BHC

R.T.: 3.992 min
Delta R.T.: -0.008 min
Response: 138494075
Conc: 45.15 ng/ml



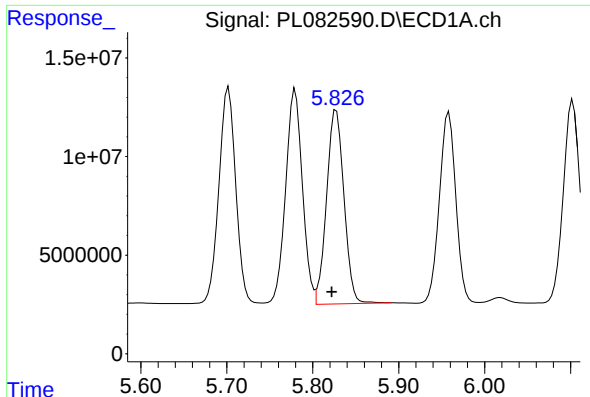
#8 Heptachlor epoxide

R.T.: 5.447 min
Delta R.T.: 0.006 min
Response: 149390576
Conc: 48.97 ng/ml



#8 Heptachlor epoxide

R.T.: 4.576 min
Delta R.T.: -0.007 min
Response: 130398073
Conc: 45.26 ng/ml



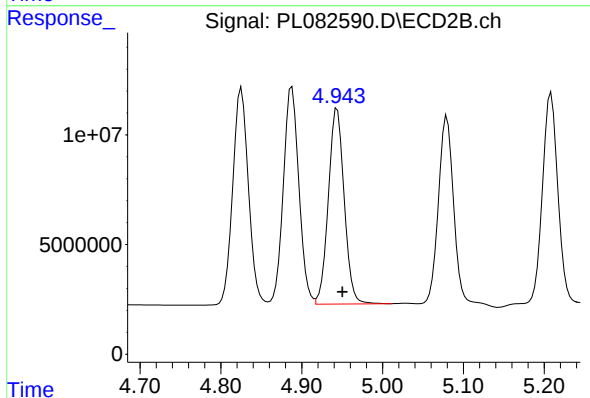
#9 Endosulfan I

R.T.: 5.827 min
Delta R.T.: 0.005 min
Response: 138208898
Conc: 49.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152667BS

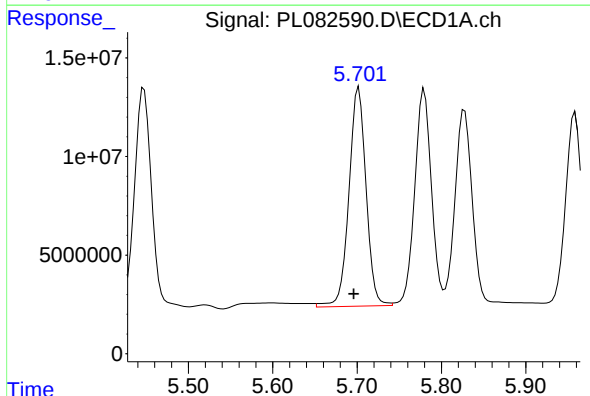
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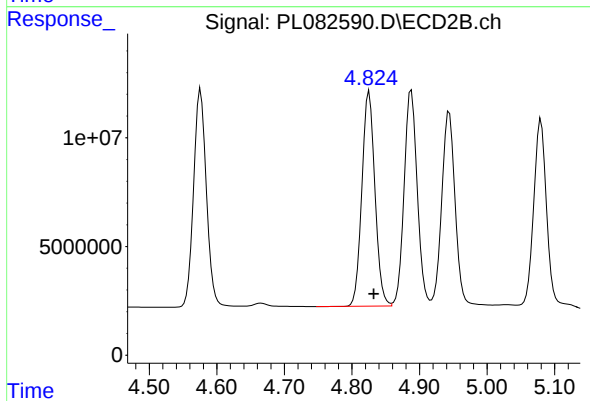
#9 Endosulfan I

R.T.: 4.944 min
Delta R.T.: -0.007 min
Response: 121442783
Conc: 45.49 ng/ml



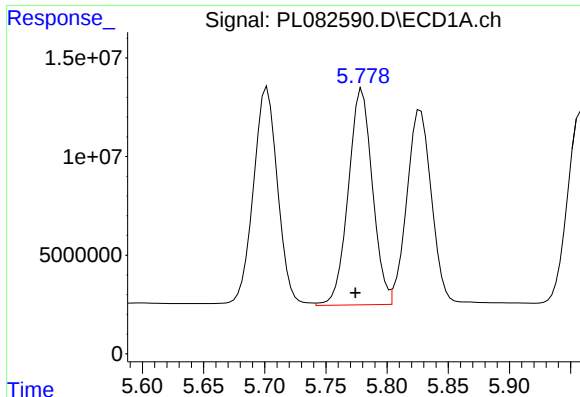
#10 gamma-Chlordane

R.T.: 5.702 min
Delta R.T.: 0.006 min
Response: 156301692
Conc: 51.98 ng/ml



#10 gamma-Chlordane

R.T.: 4.825 min
Delta R.T.: -0.007 min
Response: 133097589
Conc: 45.87 ng/ml



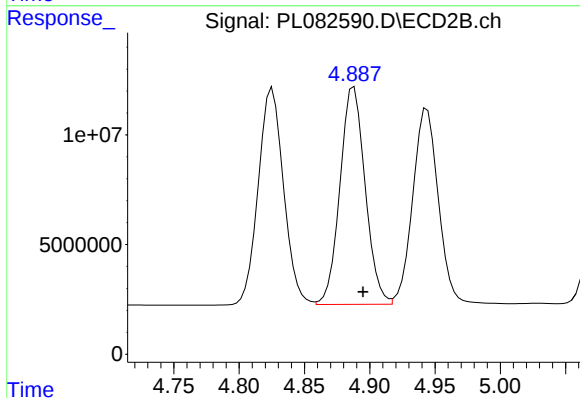
#11 alpha-Chlordane

R.T.: 5.780 min
Delta R.T.: 0.006 min
Response: 149967822
Conc: 50.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152667BS

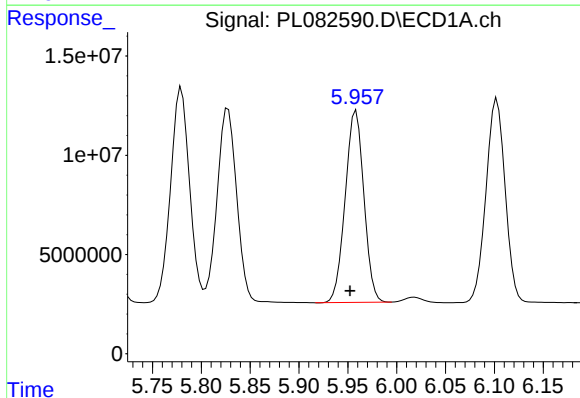
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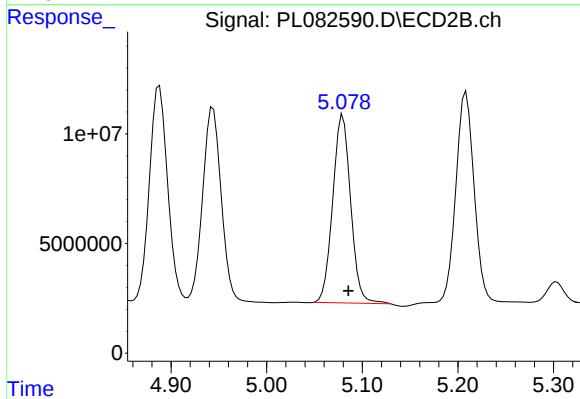
#11 alpha-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 133098655
Conc: 45.85 ng/ml



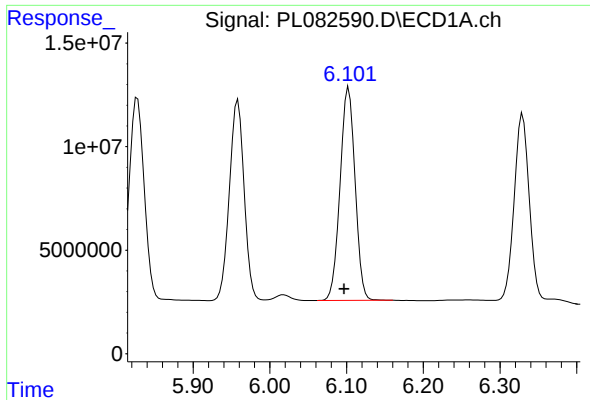
#12 4,4'-DDE

R.T.: 5.958 min
Delta R.T.: 0.006 min
Response: 128668361
Conc: 50.62 ng/ml



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.006 min
Response: 111391139
Conc: 48.45 ng/ml



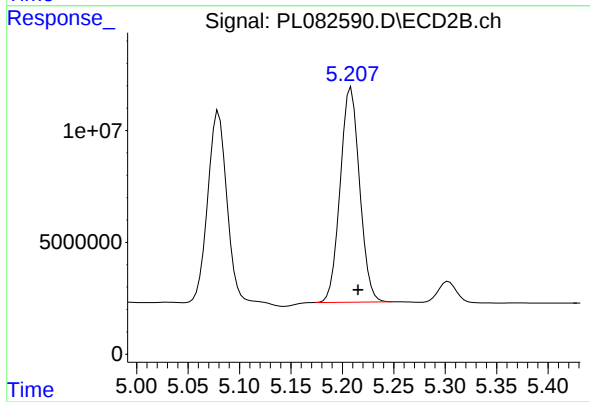
#13 Dieldrin

R.T.: 6.103 min
Delta R.T.: 0.006 min
Response: 140101365
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152667BS

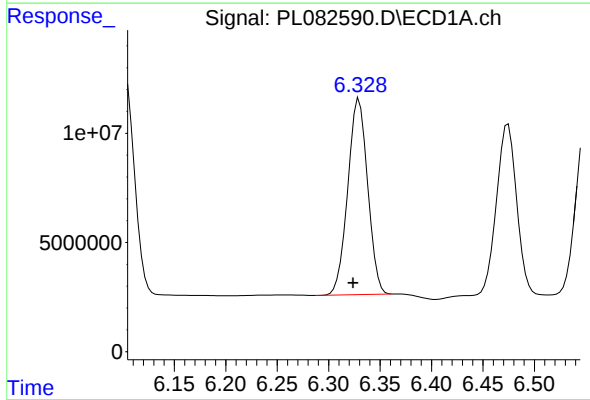
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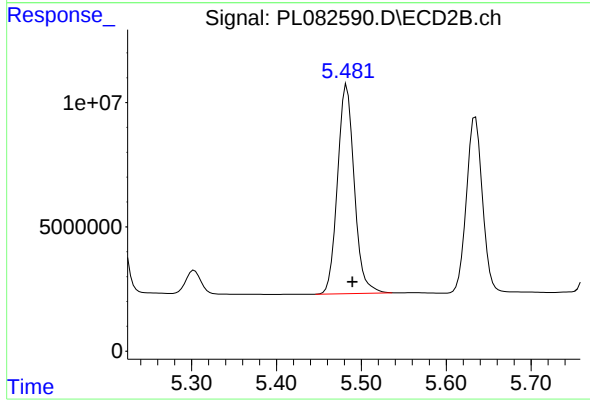
#13 Dieldrin

R.T.: 5.207 min
Delta R.T.: -0.008 min
Response: 126199733
Conc: 46.73 ng/ml m



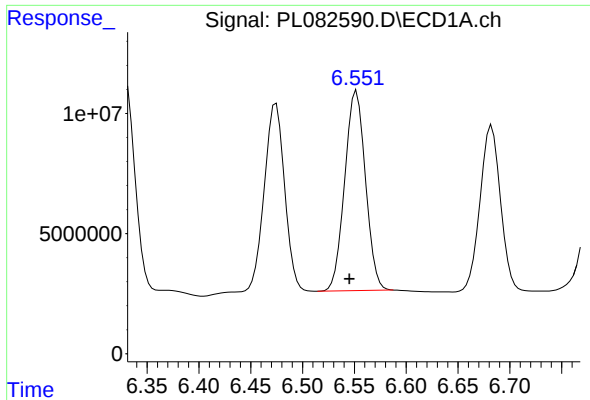
#14 Endrin

R.T.: 6.330 min
Delta R.T.: 0.006 min
Response: 120743132
Conc: 49.80 ng/ml



#14 Endrin

R.T.: 5.481 min
Delta R.T.: -0.008 min
Response: 115254850
Conc: 47.12 ng/ml m



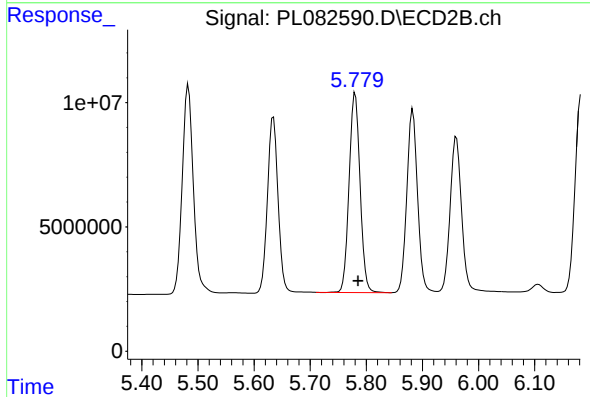
#15 Endosulfan II

R.T.: 6.552 min
Delta R.T.: 0.007 min
Response: 115911667
Conc: 47.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152667BS

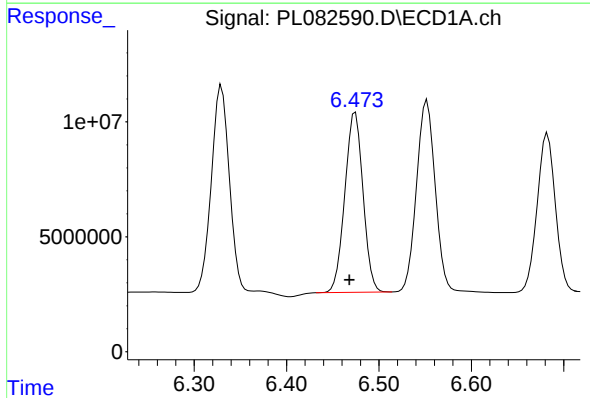
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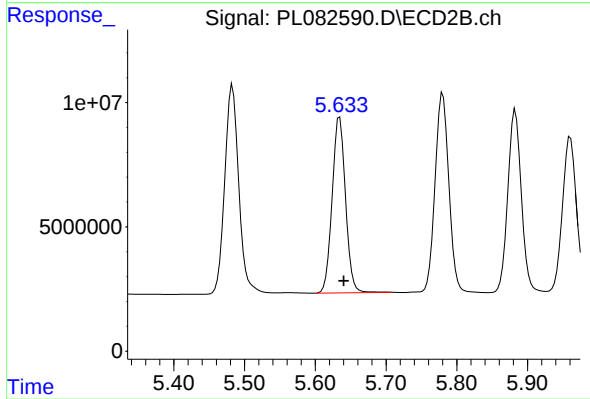
#15 Endosulfan II

R.T.: 5.780 min
Delta R.T.: -0.005 min
Response: 108802076
Conc: 48.27 ng/ml



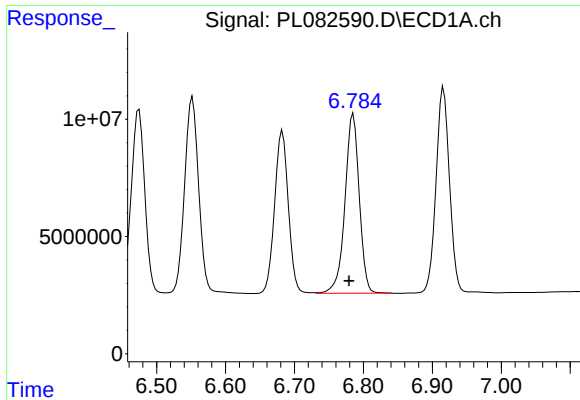
#16 4,4'-DDD

R.T.: 6.475 min
Delta R.T.: 0.006 min
Response: 107104512
Conc: 52.83 ng/ml



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.006 min
Response: 92905285
Conc: 49.67 ng/ml



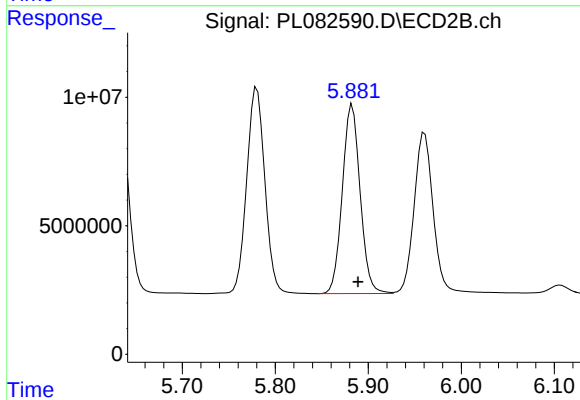
#17 4,4'-DDT

R.T.: 6.785 min
Delta R.T.: 0.006 min
Response: 110299176
Conc: 48.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152667BS

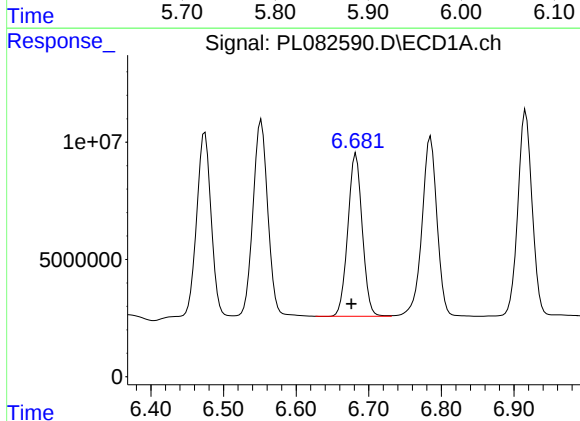
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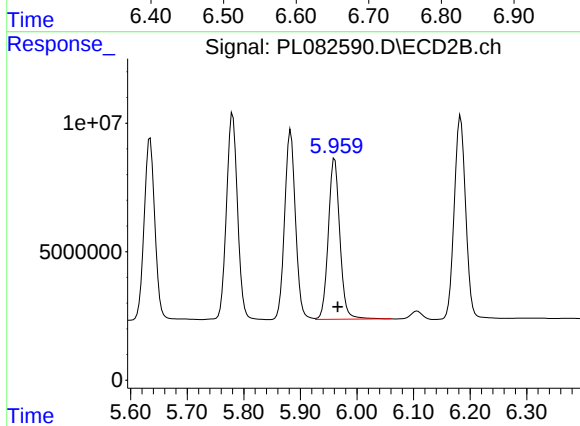
#17 4,4'-DDT

R.T.: 5.883 min
Delta R.T.: -0.006 min
Response: 97783898
Conc: 46.29 ng/ml



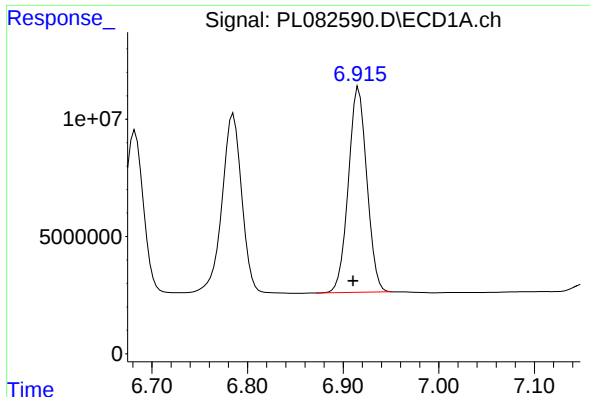
#18 Endrin aldehyde

R.T.: 6.682 min
Delta R.T.: 0.006 min
Response: 95643292
Conc: 50.76 ng/ml



#18 Endrin aldehyde

R.T.: 5.961 min
Delta R.T.: -0.006 min
Response: 88898507
Conc: 47.50 ng/ml



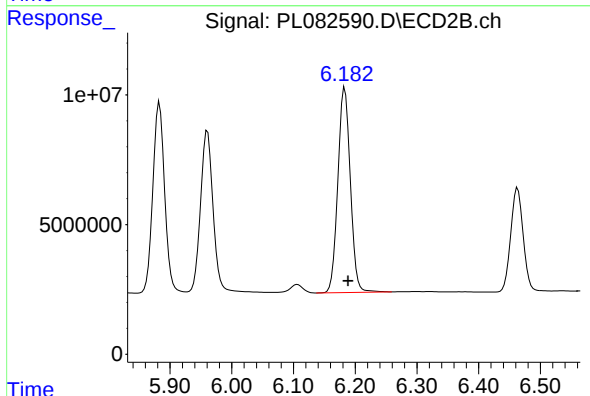
#19 Endosulfan Sulfate

R.T.: 6.916 min
Delta R.T.: 0.006 min
Response: 117940100
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152667BS

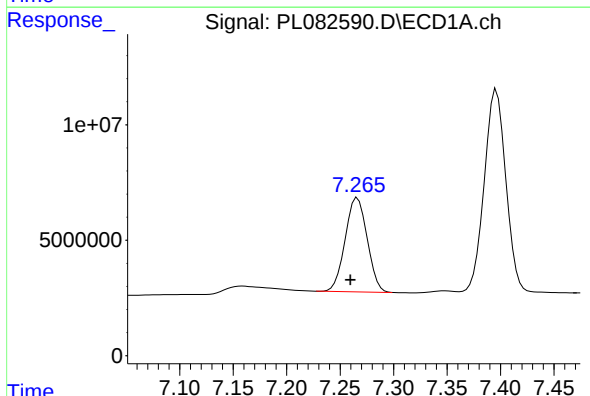
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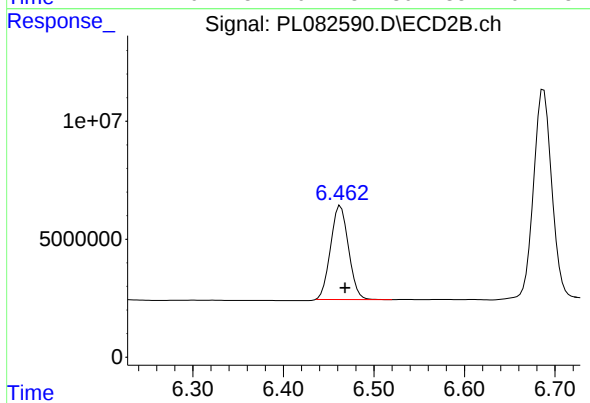
#19 Endosulfan Sulfate

R.T.: 6.183 min
Delta R.T.: -0.005 min
Response: 111072854
Conc: 47.18 ng/ml



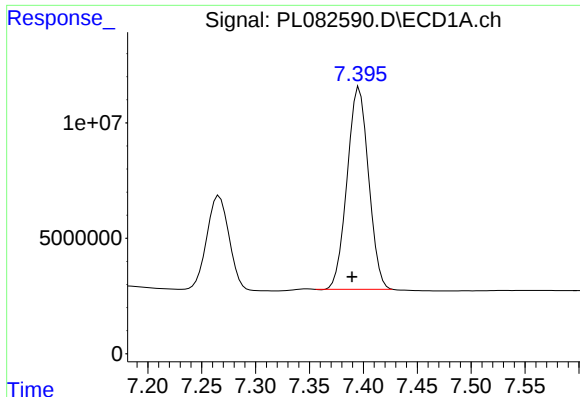
#20 Methoxychlor

R.T.: 7.266 min
Delta R.T.: 0.007 min
Response: 58471484
Conc: 47.91 ng/ml



#20 Methoxychlor

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 54890118
Conc: 45.30 ng/ml



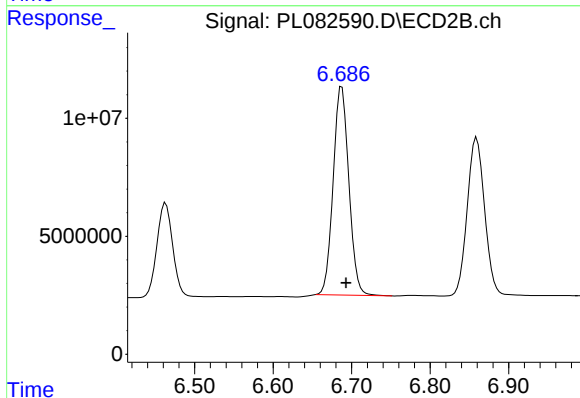
#21 Endrin ketone

R.T.: 7.396 min
Delta R.T.: 0.007 min
Response: 121326202
Conc: 50.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152667BS

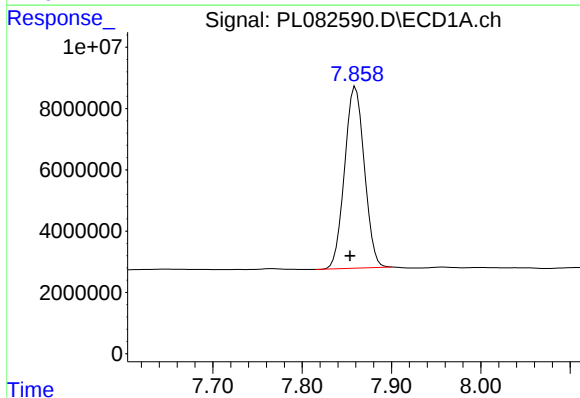
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2023
Supervised By :Ankita Jodhani 05/10/2023



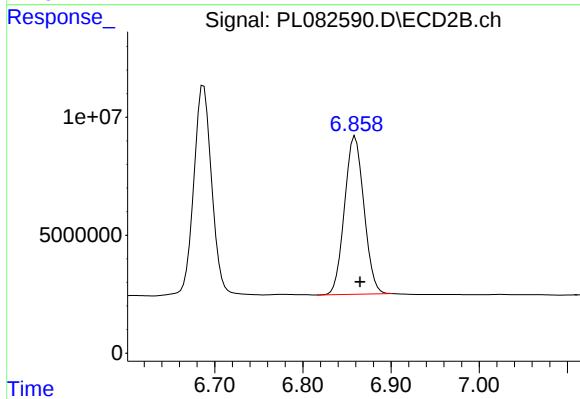
#21 Endrin ketone

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 122629382
Conc: 48.31 ng/ml m



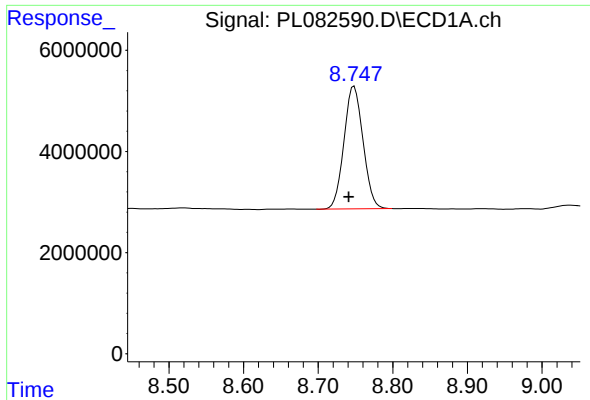
#22 Mirex

R.T.: 7.860 min
Delta R.T.: 0.006 min
Response: 91026605
Conc: 46.53 ng/ml



#22 Mirex

R.T.: 6.858 min
Delta R.T.: -0.007 min
Response: 102262362
Conc: 44.38 ng/ml m



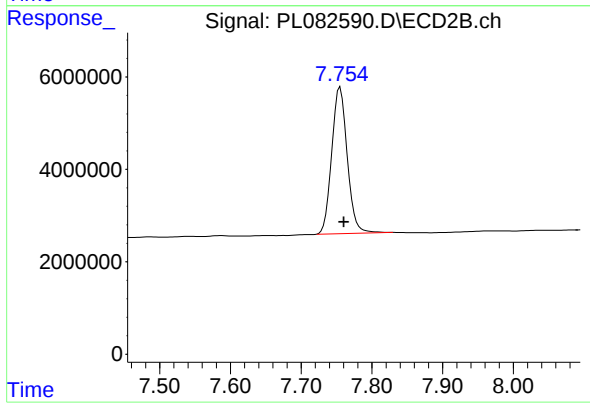
#28 Decachlorobiphenyl

R.T.: 8.748 min
Delta R.T.: 0.007 min
Response: 43049514
Conc: 22.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152667BS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 05/10/2023



#28 Decachlorobiphenyl

R.T.: 7.755 min
Delta R.T.: -0.005 min
Response: 48405894
Conc: 21.21 ng/ml