

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122023\
 Data File : PL087284.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2023 15:23
 Operator : AR\AJ
 Sample : PB157946BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157946BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/21/2023
 Supervised By :Ankita Jodhani 12/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 20:41:25 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...	3.423	2.678	77763762	32091396	20.663	19.065
28)	SA Decachlor...	8.982	7.869	74303659	35393558	21.790	20.956
Target Compounds							
2)	A alpha-BHC	3.879	3.181	310.4E6	129.9E6	57.340	52.858m
3)	MA gamma-BHC...	4.213	3.514	297.0E6	125.7E6	56.502	51.893
4)	MA Heptachlor	4.804	3.857	271.0E6	112.9E6	50.873m	47.245
5)	MB Aldrin	5.148	4.137	287.3E6	121.7E6	55.181	50.746
6)	B beta-BHC	4.412	3.815	121.7E6	50868961	52.981	48.866
7)	B delta-BHC	4.657	4.045	288.6E6	125.1E6	55.179m	51.161
8)	B Heptachlo...	5.579	4.645	250.2E6	108.8E6	53.088	48.894
9)	A Endosulfan I	5.966	5.016	231.7E6	100.6E6	51.874	46.553
10)	B gamma-Chl...	5.837	4.899	255.0E6	112.0E6	52.608	48.969
11)	B alpha-Chl...	5.917	4.963	250.5E6	110.4E6	52.118	47.852
12)	B 4,4'-DDE	6.099	5.161	217.7E6	97106091	52.523	48.907
13)	MA Dieldrin	6.243	5.283	246.3E6	109.8E6	53.068	49.293
14)	MA Endrin	6.474	5.559	192.2E6	93051023	49.960	46.627
15)	B Endosulfa...	6.695	5.856	203.4E6	93523361	50.717	48.034
16)	A 4,4'-DDD	6.619	5.719	174.9E6	82767272	52.920	49.988
17)	MA 4,4'-DDT	6.936	5.972	174.3E6	81954465	46.344	44.436
18)	B Endrin al...	6.826	6.039	152.6E6	72090723	52.644	49.121
19)	B Endosulfa...	7.063	6.264	195.0E6	90298192	49.654	47.934
20)	A Methoxychlor	7.421	6.558	88533536	44782642	45.404	43.845
21)	B Endrin ke...	7.548	6.768	206.1E6	106.1E6	50.661m	49.838m
22)	Mirex	8.027	6.951	176.6E6	90054676	52.424	50.617

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122023\
Data File : PL087284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2023 15:23
Operator : AR\AJ
Sample : PB157946BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

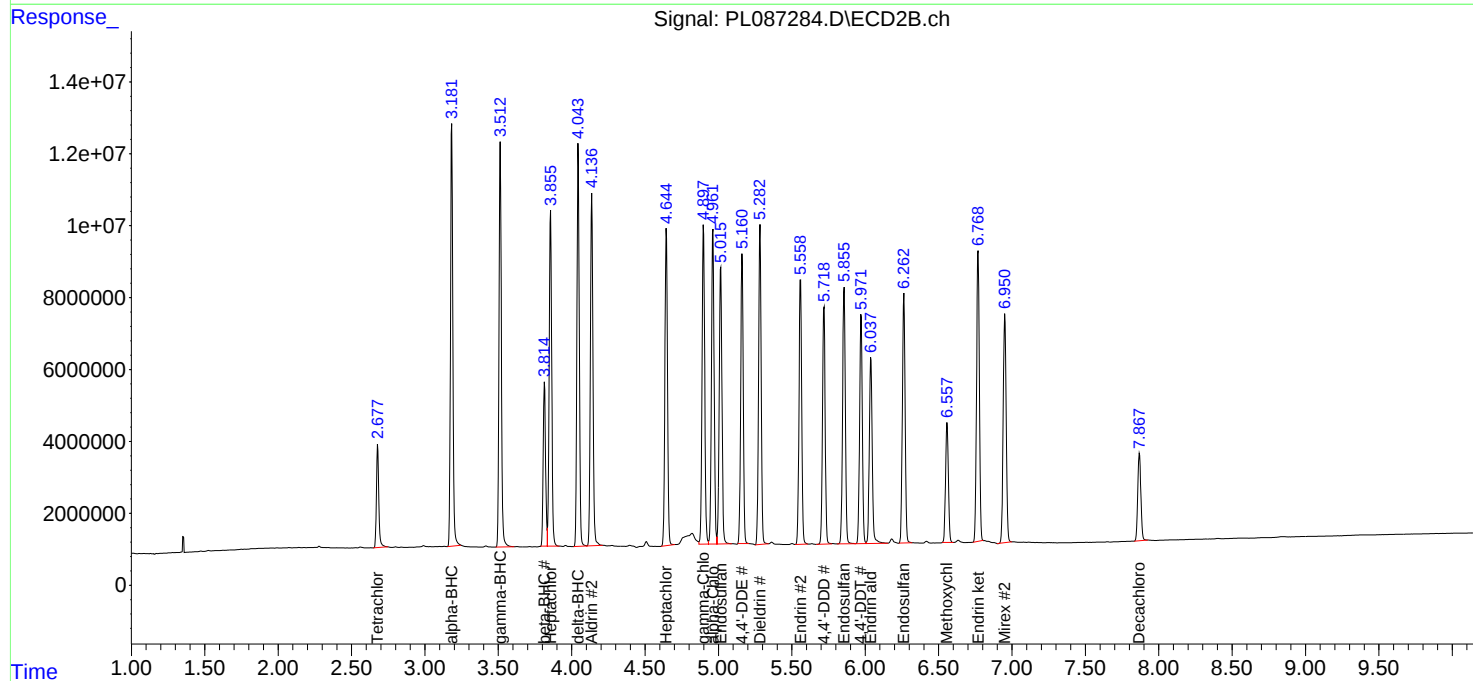
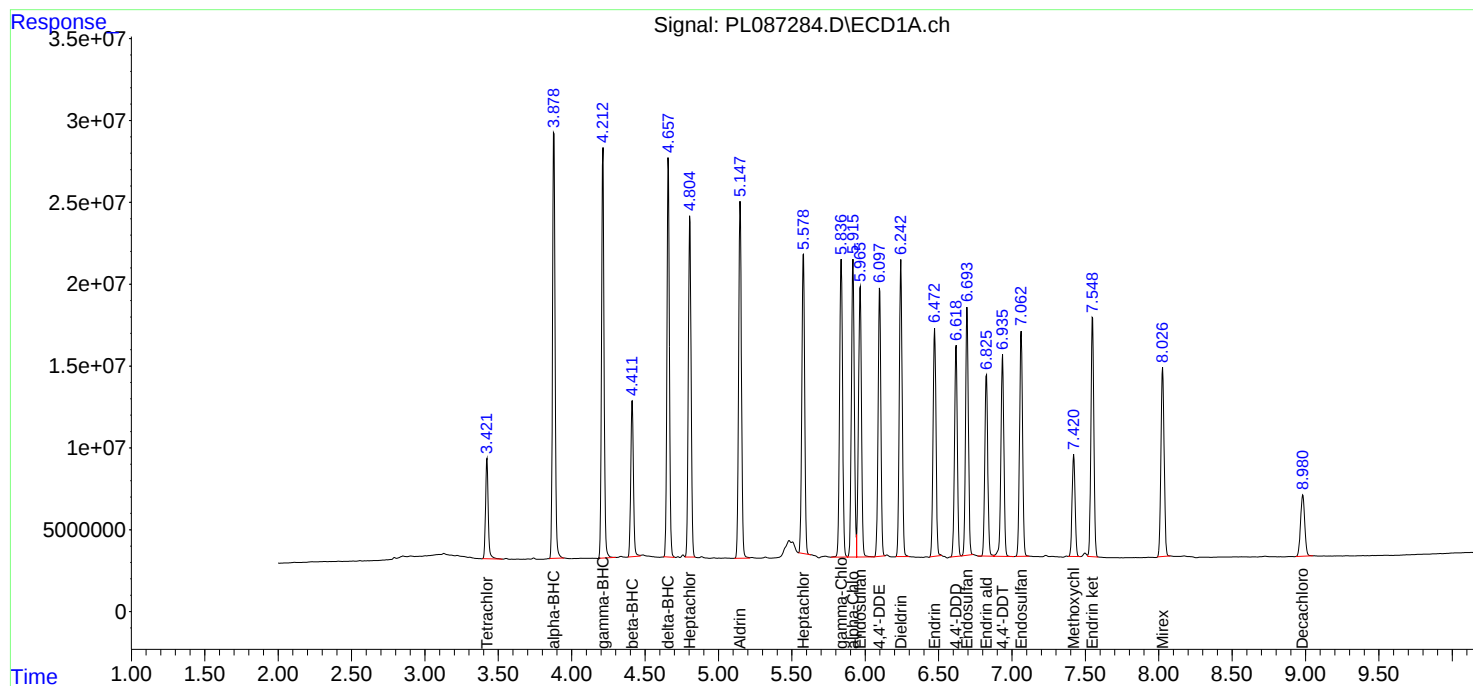
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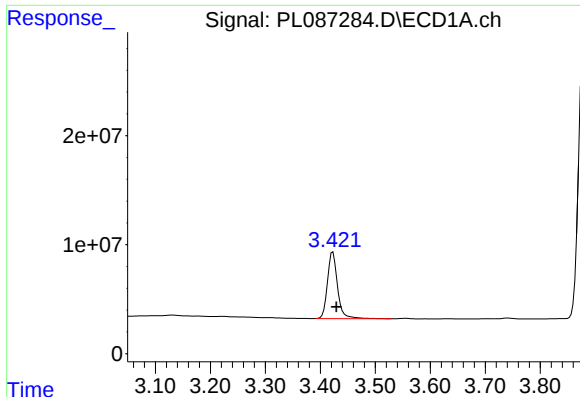
Reviewed By :Abdul Mirza 12/21/2023

Supervised By :Ankita Jodhani 12/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 20 20:41:25 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





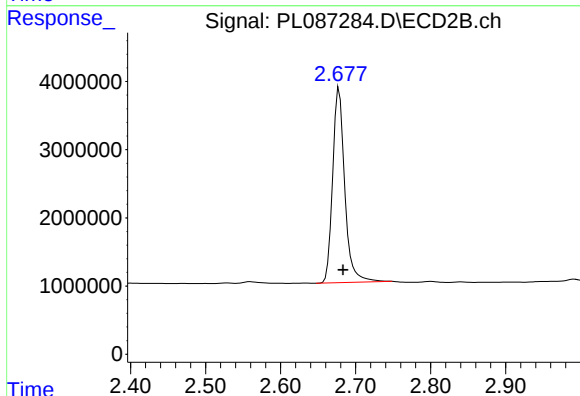
#1 Tetrachloro-m-xylene

R.T.: 3.423 min
Delta R.T.: -0.006 min
Response: 77763762
Conc: 20.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157946BS

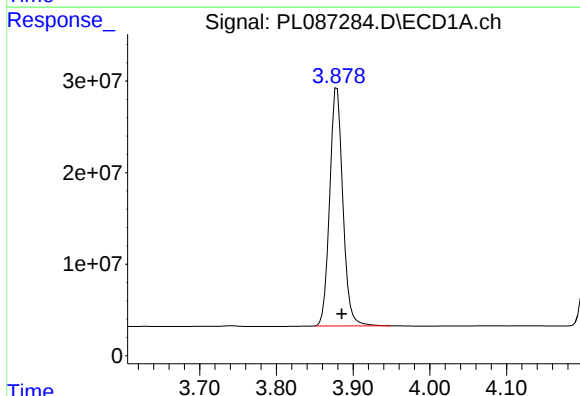
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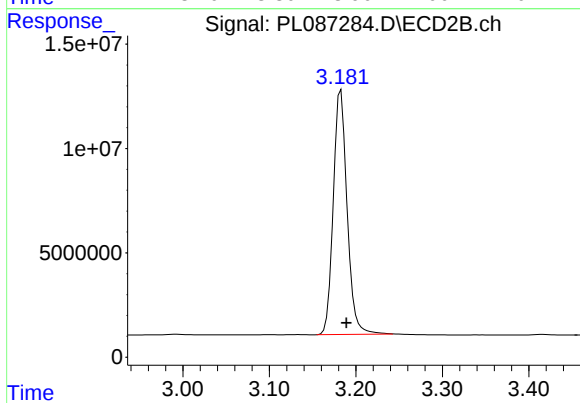
#1 Tetrachloro-m-xylene

R.T.: 2.678 min
Delta R.T.: -0.005 min
Response: 32091396
Conc: 19.06 ng/ml



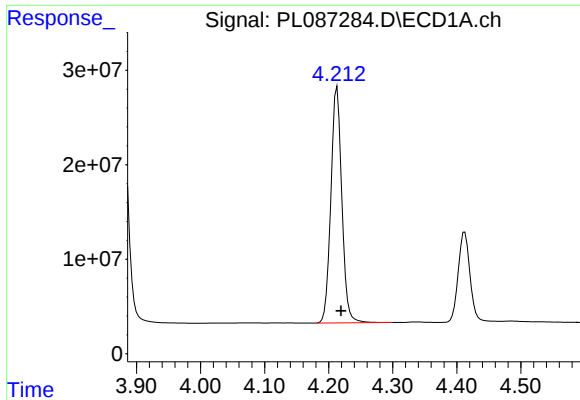
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.006 min
Response: 310449062
Conc: 57.34 ng/ml



#2 alpha-BHC

R.T.: 3.181 min
Delta R.T.: -0.008 min
Response: 129903163
Conc: 52.86 ng/ml m



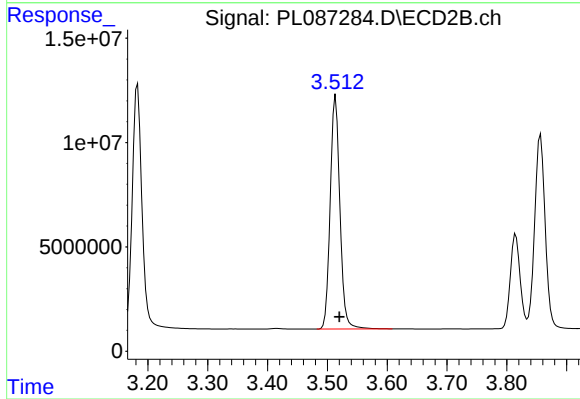
#3 gamma-BHC (Lindane)

R.T.: 4.213 min
Delta R.T.: -0.007 min
Response: 296957089
Conc: 56.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157946BS

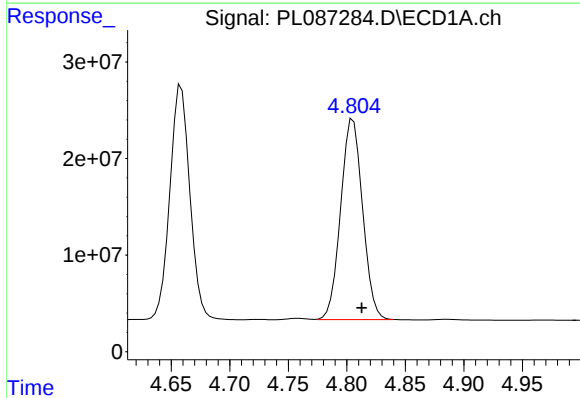
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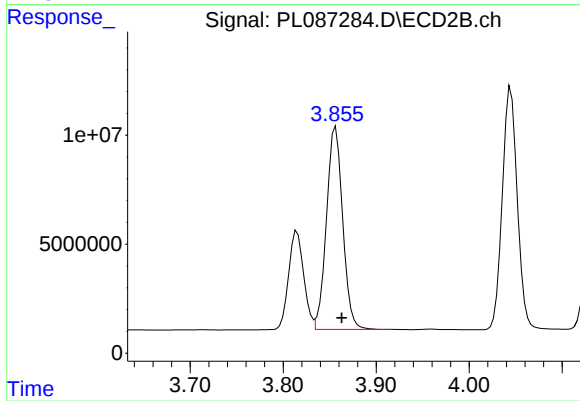
#3 gamma-BHC (Lindane)

R.T.: 3.514 min
Delta R.T.: -0.006 min
Response: 125706371
Conc: 51.89 ng/ml



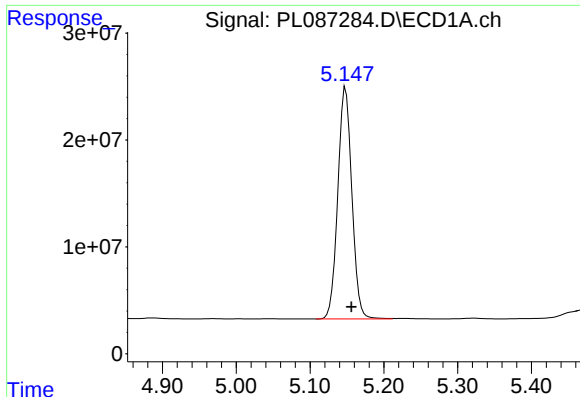
#4 Heptachlor

R.T.: 4.804 min
Delta R.T.: -0.009 min
Response: 270981905
Conc: 50.87 ng/ml m



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.006 min
Response: 112929944
Conc: 47.25 ng/ml



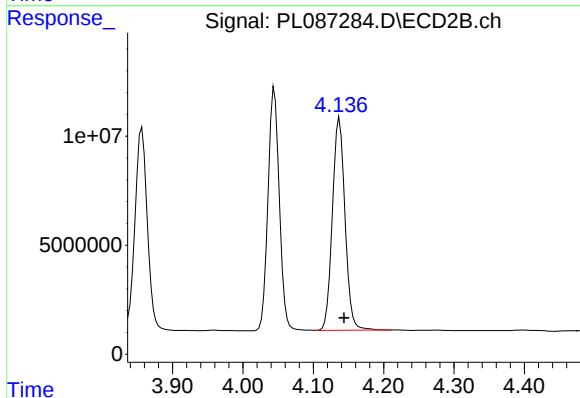
#5 Aldrin

R.T.: 5.148 min
Delta R.T.: -0.008 min
Response: 287295753
Conc: 55.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157946BS

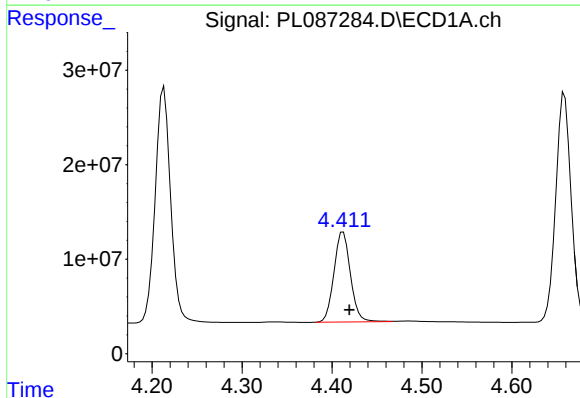
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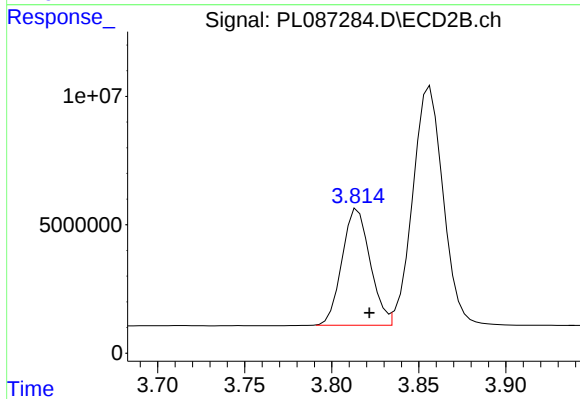
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.006 min
Response: 121675839
Conc: 50.75 ng/ml



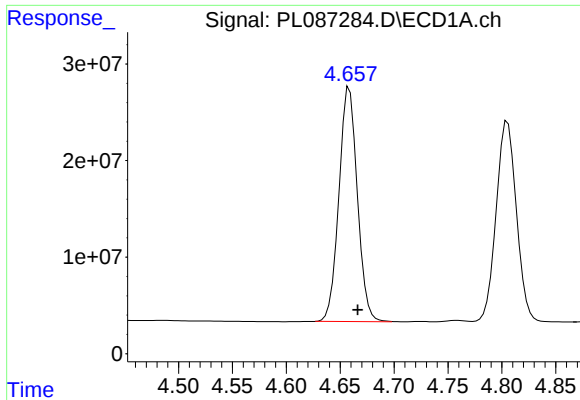
#6 beta-BHC

R.T.: 4.412 min
Delta R.T.: -0.007 min
Response: 121685679
Conc: 52.98 ng/ml



#6 beta-BHC

R.T.: 3.815 min
Delta R.T.: -0.007 min
Response: 50868961
Conc: 48.87 ng/ml



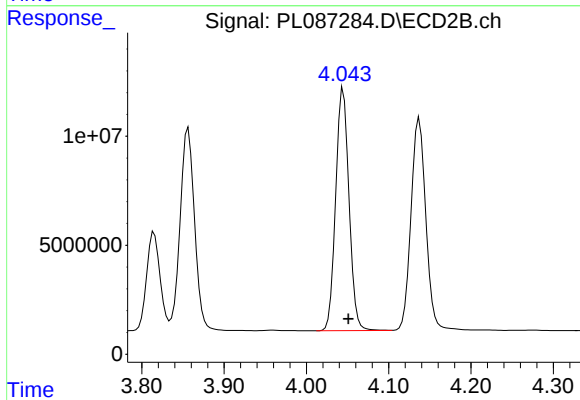
#7 delta-BHC

R.T.: 4.657 min
Delta R.T.: -0.009 min
Response: 288554737
Conc: 55.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157946BS

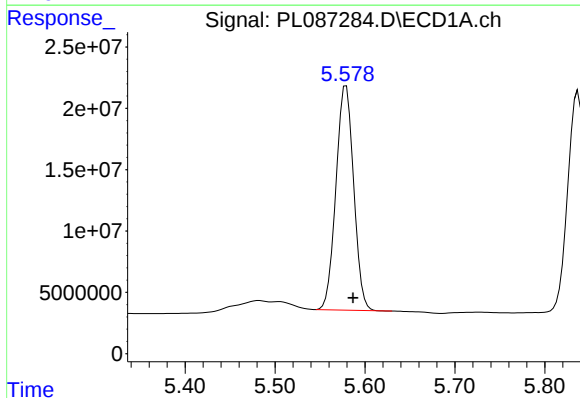
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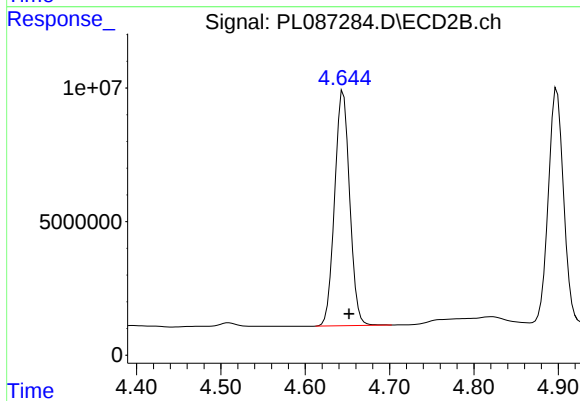
#7 delta-BHC

R.T.: 4.045 min
Delta R.T.: -0.006 min
Response: 125149640
Conc: 51.16 ng/ml



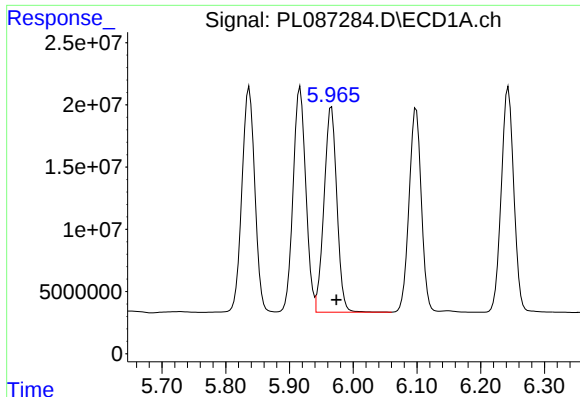
#8 Heptachlor epoxide

R.T.: 5.579 min
Delta R.T.: -0.008 min
Response: 250194185
Conc: 53.09 ng/ml



#8 Heptachlor epoxide

R.T.: 4.645 min
Delta R.T.: -0.007 min
Response: 108803374
Conc: 48.89 ng/ml



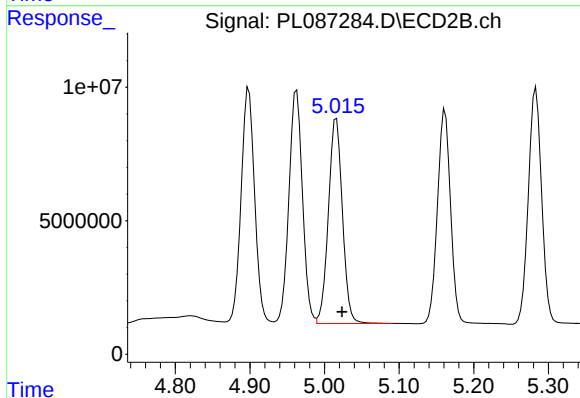
#9 Endosulfan I

R.T.: 5.966 min
Delta R.T.: -0.007 min
Response: 231685539
Conc: 51.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157946BS

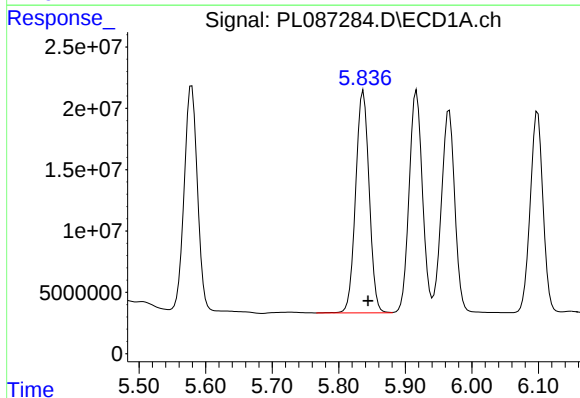
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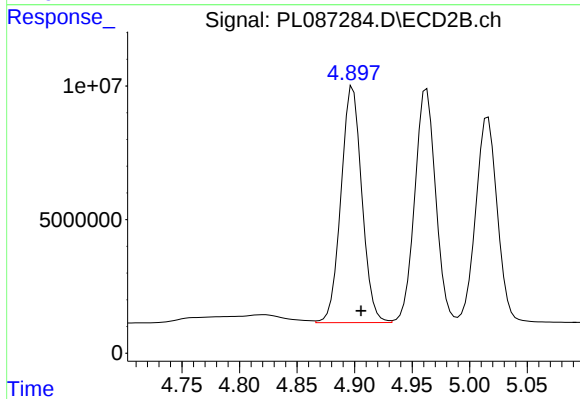
#9 Endosulfan I

R.T.: 5.016 min
Delta R.T.: -0.008 min
Response: 100608601
Conc: 46.55 ng/ml



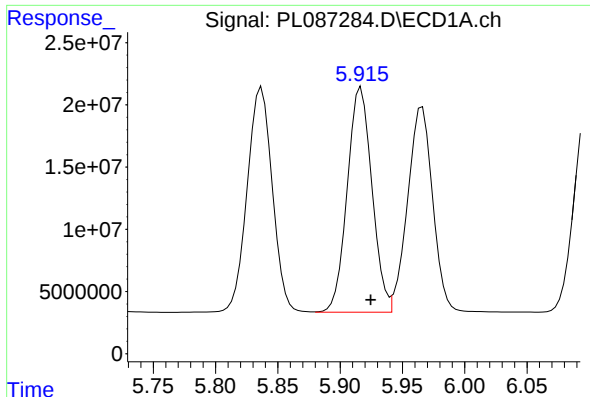
#10 gamma-Chlordane

R.T.: 5.837 min
Delta R.T.: -0.007 min
Response: 255043405
Conc: 52.61 ng/ml



#10 gamma-Chlordane

R.T.: 4.899 min
Delta R.T.: -0.007 min
Response: 112007978
Conc: 48.97 ng/ml



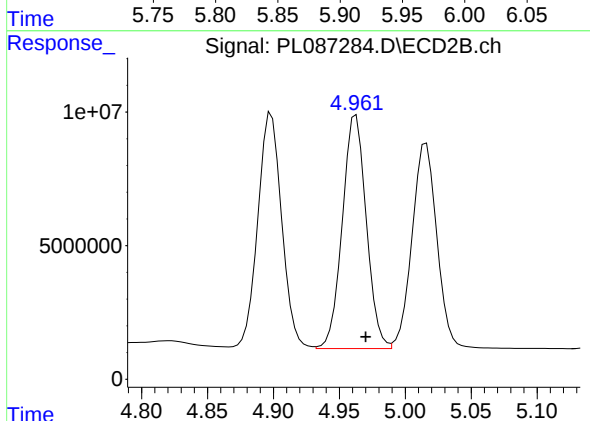
#11 alpha-Chlordane

R.T.: 5.917 min
Delta R.T.: -0.008 min
Response: 250485976
Conc: 52.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157946BS

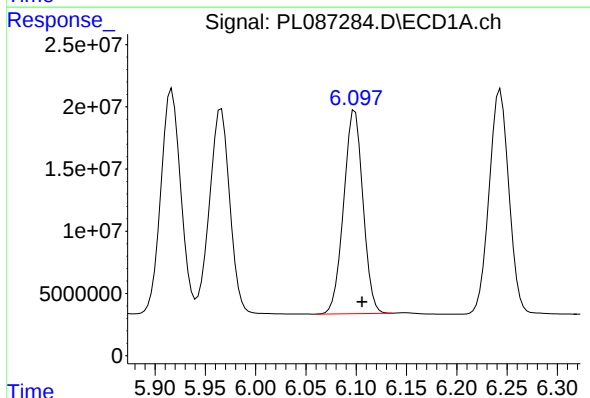
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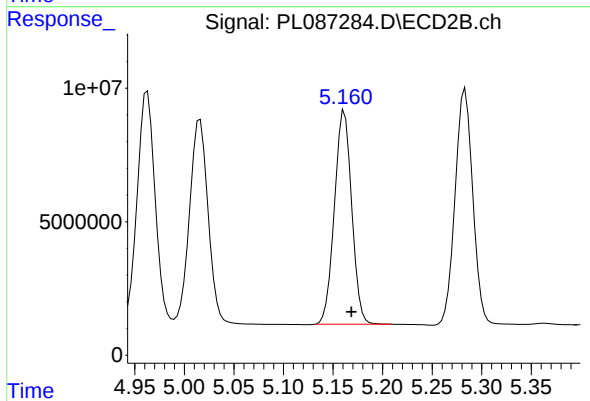
#11 alpha-Chlordane

R.T.: 4.963 min
Delta R.T.: -0.007 min
Response: 110443638
Conc: 47.85 ng/ml



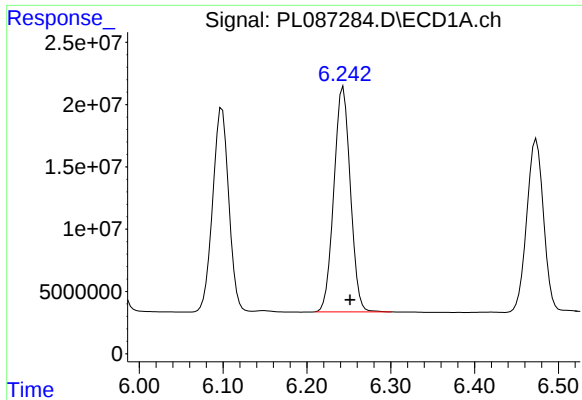
#12 4,4'-DDE

R.T.: 6.099 min
Delta R.T.: -0.007 min
Response: 217657085
Conc: 52.52 ng/ml



#12 4,4'-DDE

R.T.: 5.161 min
Delta R.T.: -0.007 min
Response: 97106091
Conc: 48.91 ng/ml



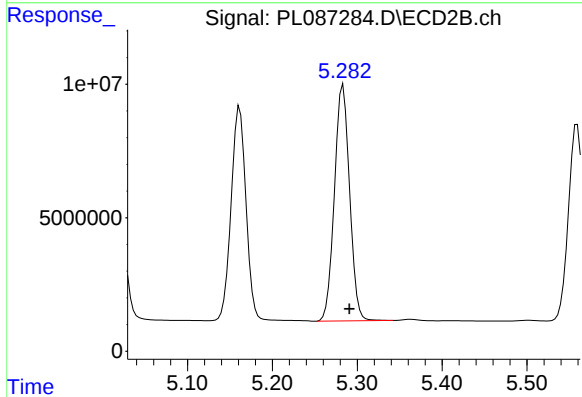
#13 Dieldrin

R.T.: 6.243 min
Delta R.T.: -0.008 min
Response: 246285052
Conc: 53.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157946BS

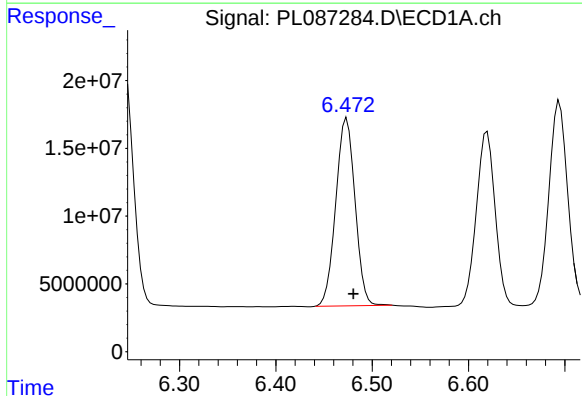
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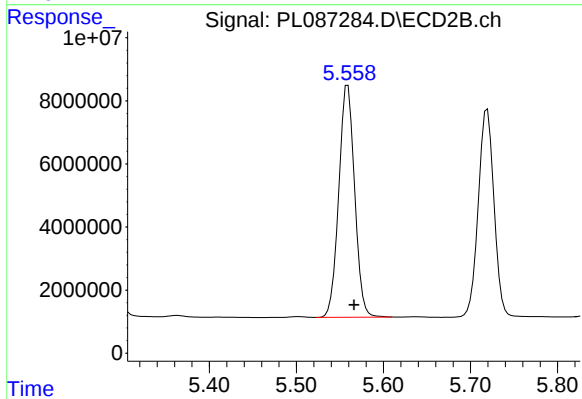
#13 Dieldrin

R.T.: 5.283 min
Delta R.T.: -0.007 min
Response: 109812819
Conc: 49.29 ng/ml



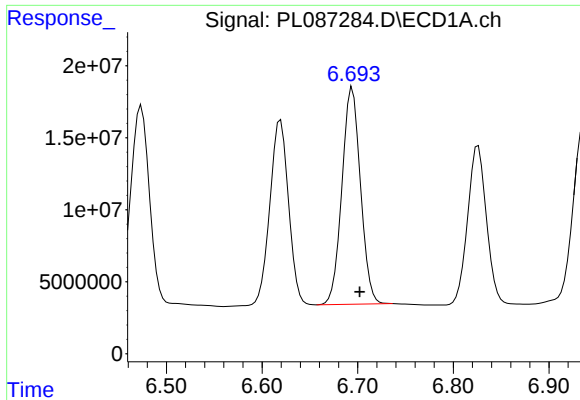
#14 Endrin

R.T.: 6.474 min
Delta R.T.: -0.007 min
Response: 192215496
Conc: 49.96 ng/ml



#14 Endrin

R.T.: 5.559 min
Delta R.T.: -0.007 min
Response: 93051023
Conc: 46.63 ng/ml



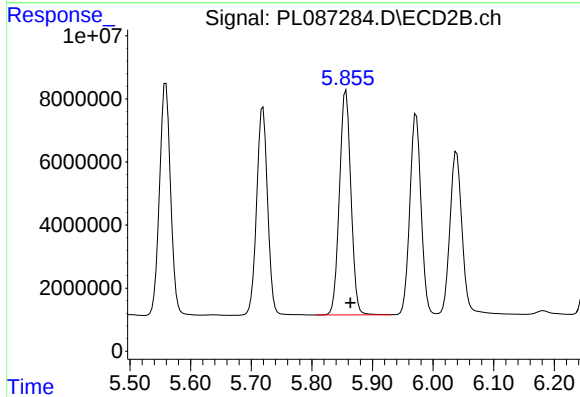
#15 Endosulfan II

R.T.: 6.695 min
Delta R.T.: -0.007 min
Response: 203394561
Conc: 50.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157946BS

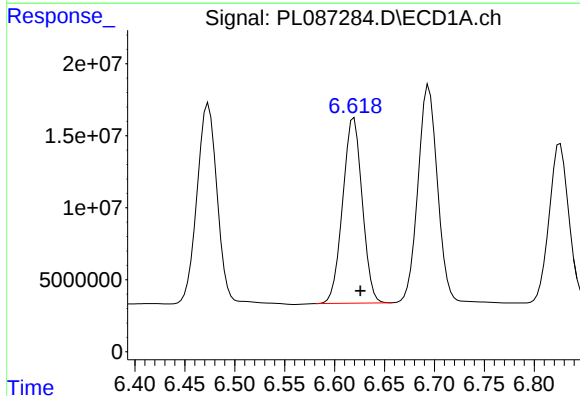
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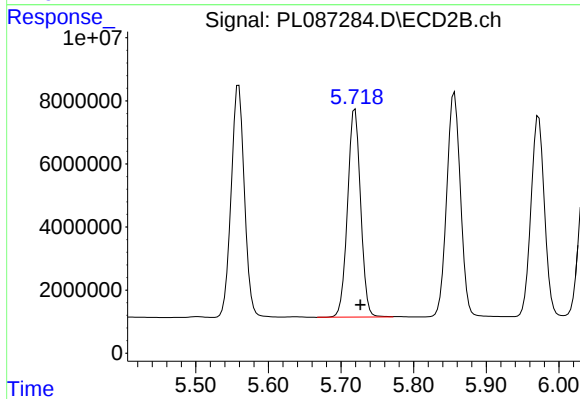
#15 Endosulfan II

R.T.: 5.856 min
Delta R.T.: -0.007 min
Response: 93523361
Conc: 48.03 ng/ml



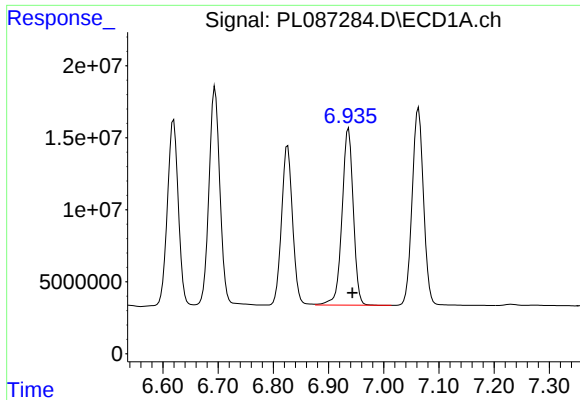
#16 4,4'-DDD

R.T.: 6.619 min
Delta R.T.: -0.006 min
Response: 174905892
Conc: 52.92 ng/ml



#16 4,4'-DDD

R.T.: 5.719 min
Delta R.T.: -0.007 min
Response: 82767272
Conc: 49.99 ng/ml



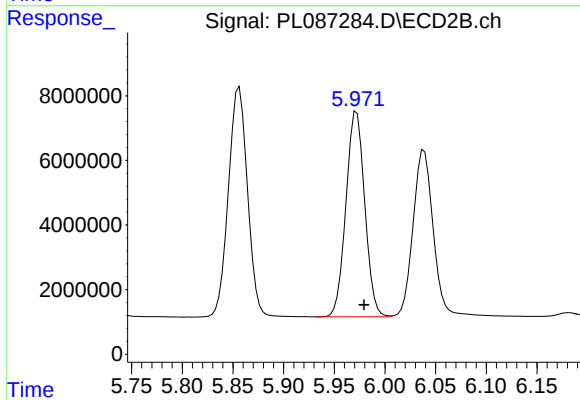
#17 4,4'-DDT

R.T.: 6.936 min
Delta R.T.: -0.007 min
Response: 174262445
Conc: 46.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157946BS

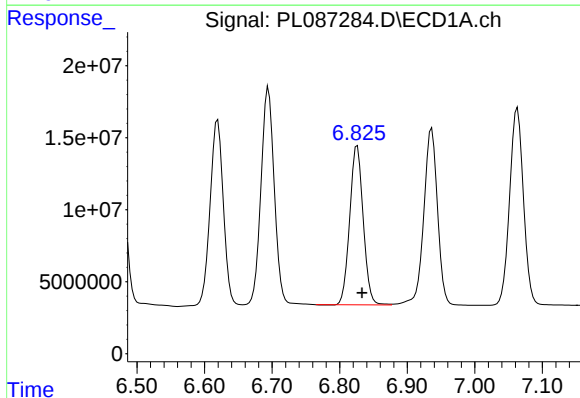
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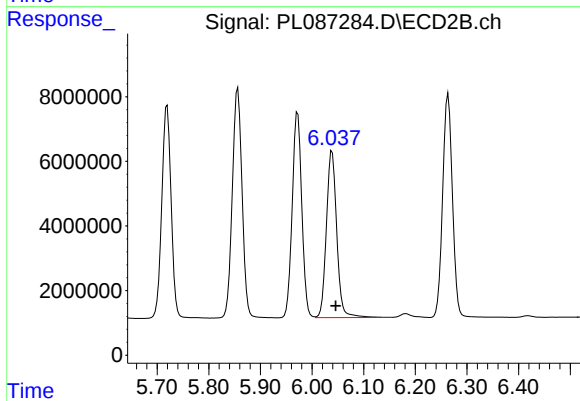
#17 4,4'-DDT

R.T.: 5.972 min
Delta R.T.: -0.007 min
Response: 81954465
Conc: 44.44 ng/ml



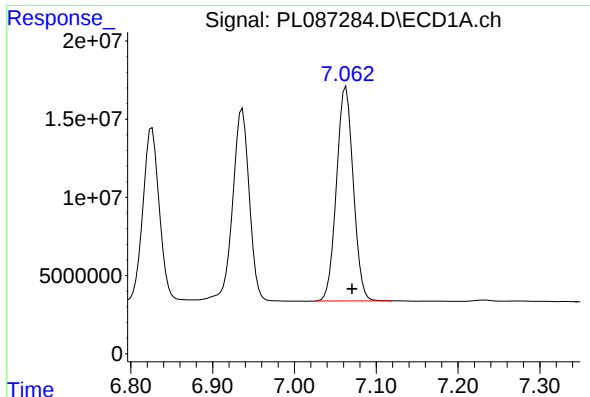
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: -0.007 min
Response: 152582273
Conc: 52.64 ng/ml



#18 Endrin aldehyde

R.T.: 6.039 min
Delta R.T.: -0.007 min
Response: 72090723
Conc: 49.12 ng/ml



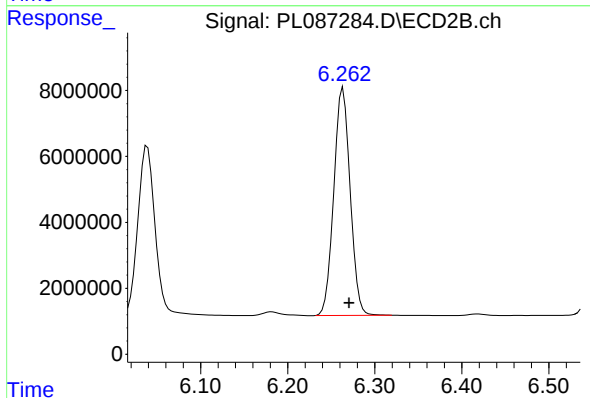
#19 Endosulfan Sulfate

R.T.: 7.063 min
Delta R.T.: -0.007 min
Response: 194984838
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157946BS

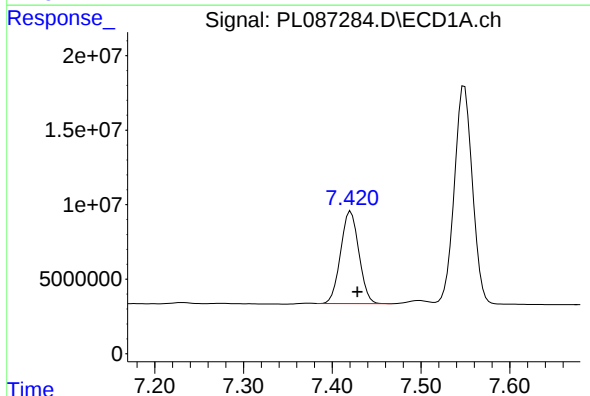
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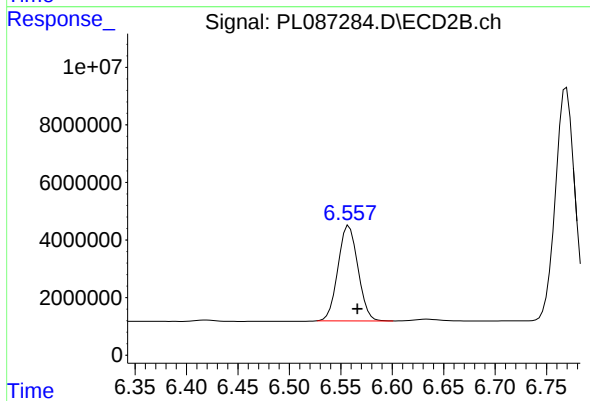
#19 Endosulfan Sulfate

R.T.: 6.264 min
Delta R.T.: -0.007 min
Response: 90298192
Conc: 47.93 ng/ml



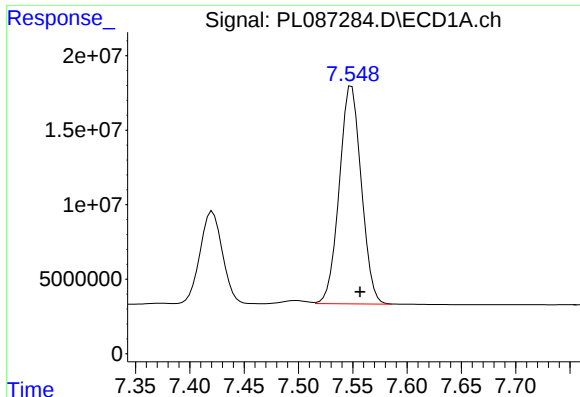
#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: -0.007 min
Response: 88533536
Conc: 45.40 ng/ml



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.008 min
Response: 44782642
Conc: 43.84 ng/ml



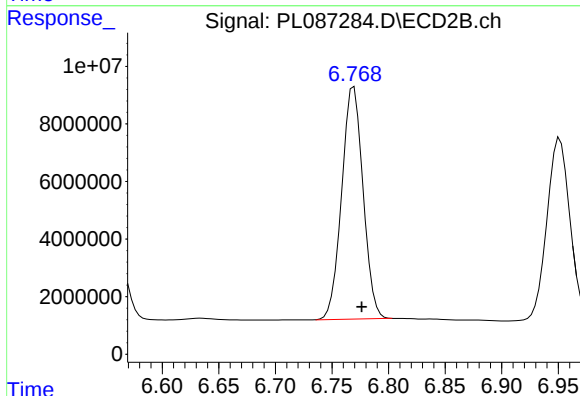
#21 Endrin ketone

R.T.: 7.548 min
Delta R.T.: -0.009 min
Response: 206100684
Conc: 50.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157946BS

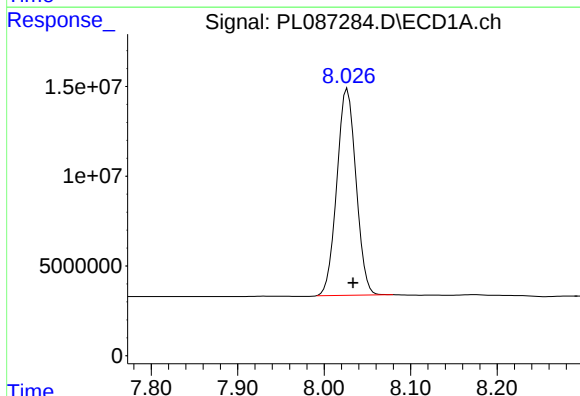
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2023
Supervised By :Ankita Jodhani 12/21/2023



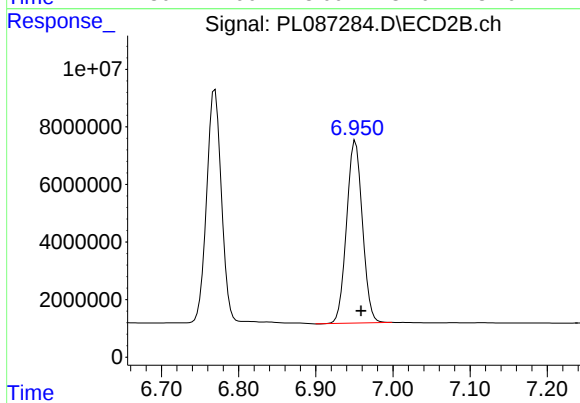
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.008 min
Response: 106090095
Conc: 49.84 ng/ml m



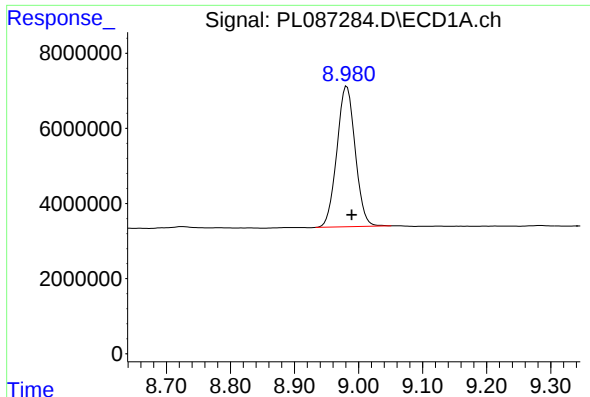
#22 Mirex

R.T.: 8.027 min
Delta R.T.: -0.007 min
Response: 176565961
Conc: 52.42 ng/ml



#22 Mirex

R.T.: 6.951 min
Delta R.T.: -0.007 min
Response: 90054676
Conc: 50.62 ng/ml



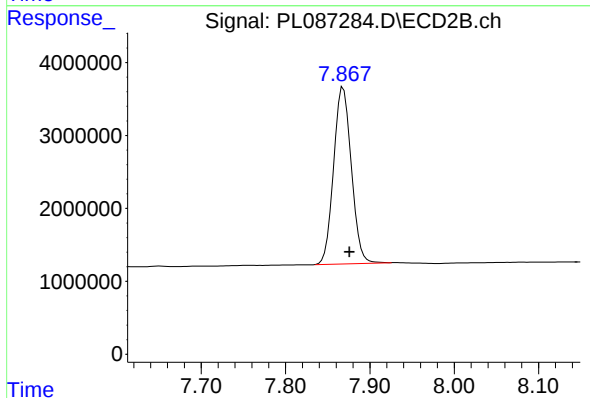
#28 Decachlorobiphenyl

R.T.: 8.982 min
Delta R.T.: -0.007 min
Response: 74303659
Conc: 21.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157946BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: -0.007 min
Response: 35393558
Conc: 20.96 ng/ml