

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
 Data File : PL082674.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 May 2023 20:43
 Operator : AR\AJ
 Sample : PB152727BSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB152727BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/12/2023
 Supervised By : Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 11 21:47:26 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...	3.318	2.641	54912280	50222812	20.557	21.678
28)	SA Decachlor...	8.735	7.748	46109075	51073154	24.153	22.376
Target Compounds							
2)	A alpha-BHC	3.768	3.138	196.4E6	172.7E6	49.341	50.757
3)	MA gamma-BHC...	4.096	3.465	185.4E6	163.8E6	49.573	50.930
4)	MA Heptachlor	4.674	3.796	178.5E6	159.9E6	48.857	46.707
5)	MB Aldrin	5.011	4.073	169.5E6	162.0E6	51.410	51.434
6)	B beta-BHC	4.299	3.764	81153526	64284611	47.583	47.116m
7)	B delta-BHC	4.541	3.991	185.6E6	161.8E6	51.587	52.755
8)	B Heptachlo...	5.436	4.573	157.1E6	147.8E6	51.490	51.305
9)	A Endosulfan I	5.818	4.940	145.8E6	138.5E6	52.574	51.892
10)	B gamma-Chl...	5.690	4.822	159.4E6	151.1E6	53.020m	52.072
11)	B alpha-Chl...	5.769	4.885	157.3E6	150.1E6	52.711	51.692
12)	B 4,4'-DDE	5.947	5.074	140.9E6	127.8E6	55.435	55.580m
13)	MA Dieldrin	6.092	5.203	148.9E6	142.8E6	53.951	52.898m
14)	MA Endrin	6.319	5.477	121.8E6	119.7E6	50.242	48.933m
15)	B Endosulfa...	6.541	5.776	123.8E6	122.7E6	50.842	54.431
16)	A 4,4'-DDD	6.463	5.630	121.5E6	110.9E6	59.937	59.278
17)	MA 4,4'-DDT	6.774	5.878	111.2E6	102.1E6	48.628	48.337
18)	B Endrin al...	6.671	5.955	104.3E6	99804281	55.342	53.332
19)	B Endosulfa...	6.905	6.178	127.2E6	124.0E6	53.624	52.678
20)	A Methoxychlor	7.255	6.456	56895745	57502493	46.623	47.451m
21)	B Endrin ke...	7.384	6.681	132.4E6	141.7E6	55.316	55.829m
22)	Mirex	7.848	6.852	97224291	110.0E6	49.697	47.727m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051123\
Data File : PL082674.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 May 2023 20:43
Operator : AR\AJ
Sample : PB152727BSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

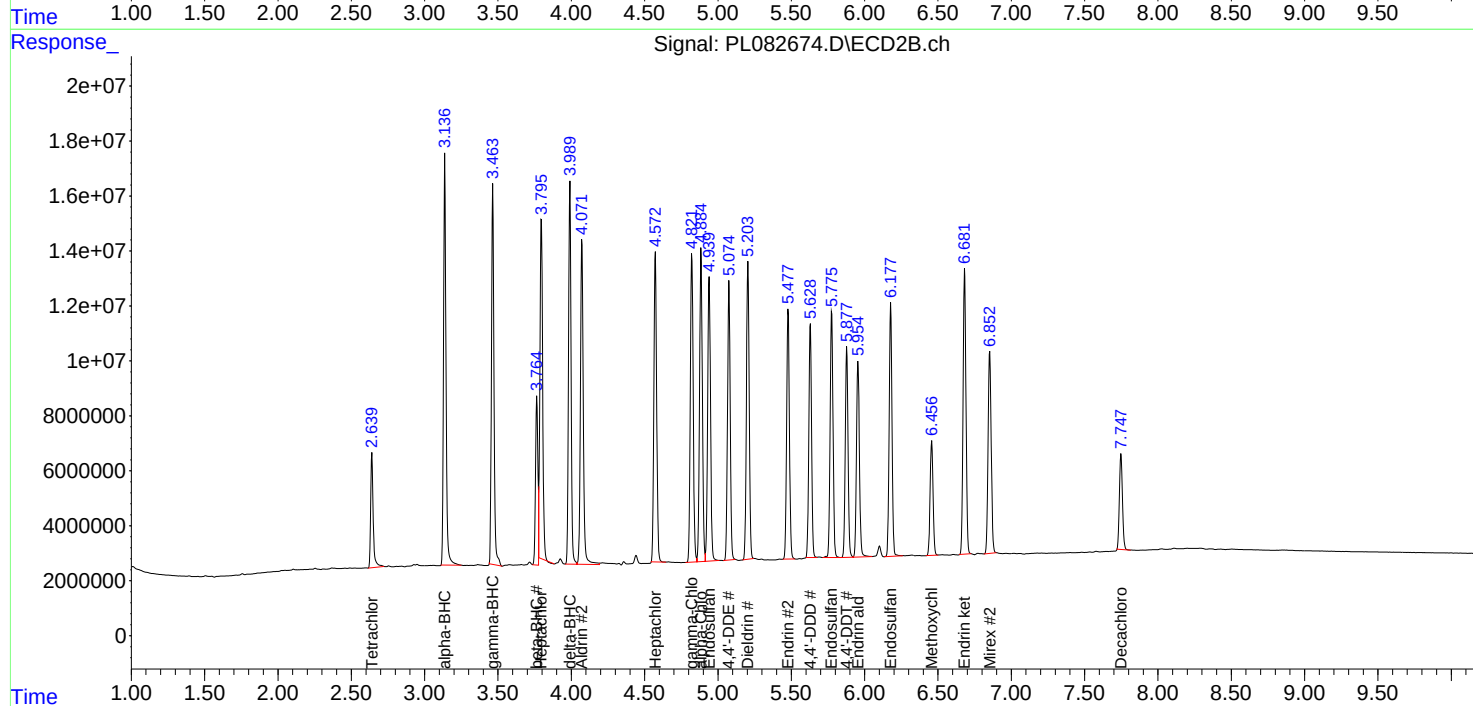
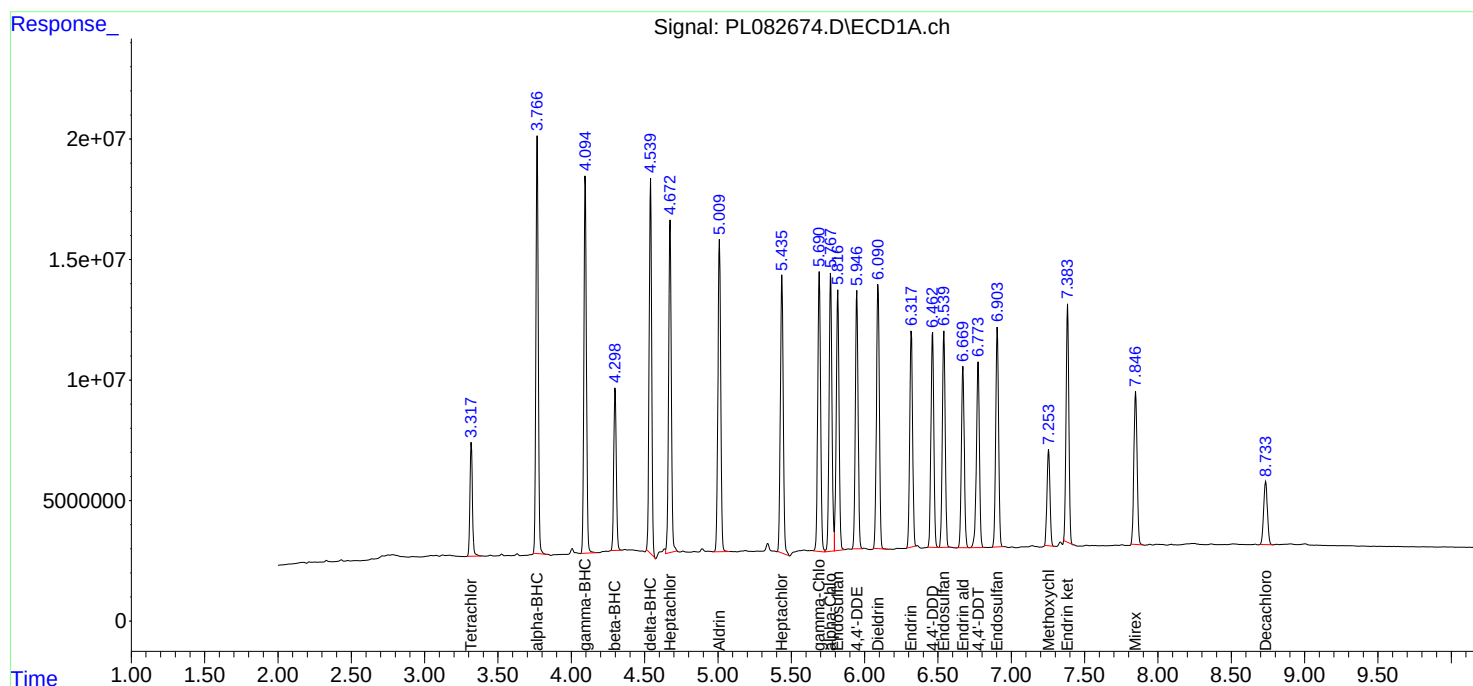
Instrument :
ECD_L
ClientSampleId :
PB152727BSD

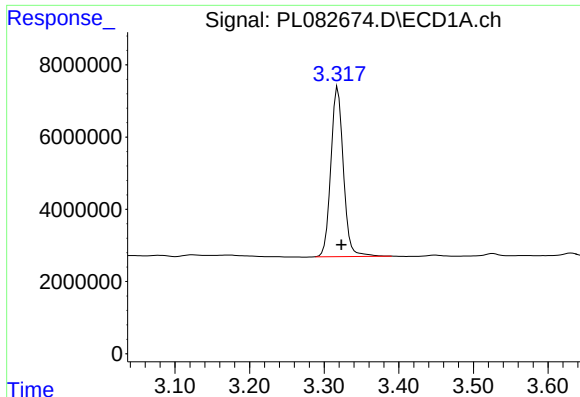
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2023
Supervised By :Ankita Jodhani 05/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 11 21:47:26 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





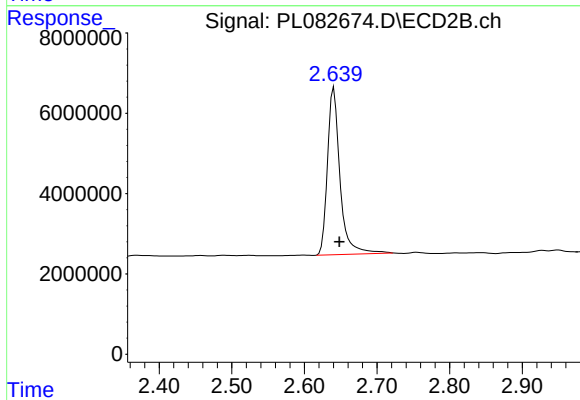
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 54912280
Conc: 20.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152727BSD

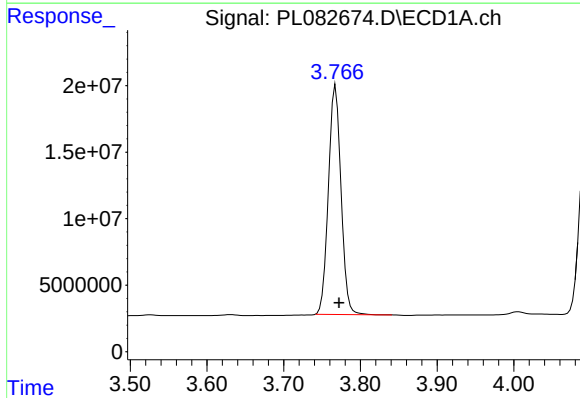
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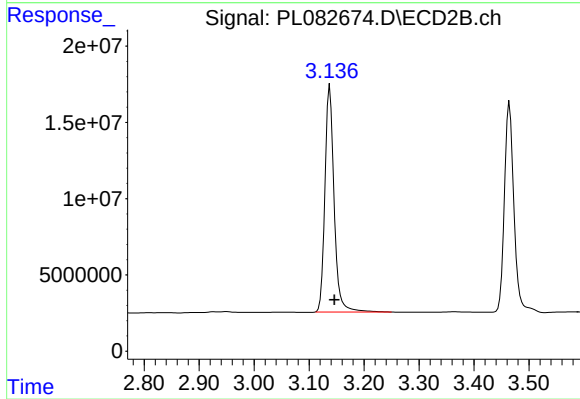
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: -0.008 min
Response: 50222812
Conc: 21.68 ng/ml



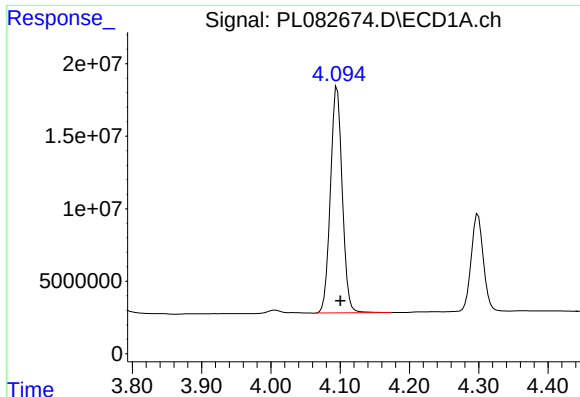
#2 alpha-BHC

R.T.: 3.768 min
Delta R.T.: -0.005 min
Response: 196390441
Conc: 49.34 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.009 min
Response: 172748999
Conc: 50.76 ng/ml



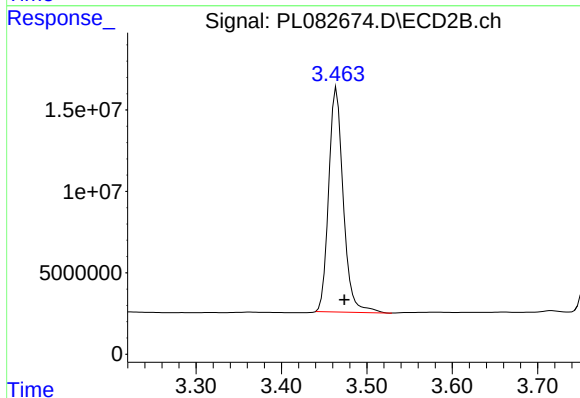
#3 gamma-BHC (Lindane)

R.T.: 4.096 min
Delta R.T.: -0.005 min
Response: 185351253
Conc: 49.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152727BSD

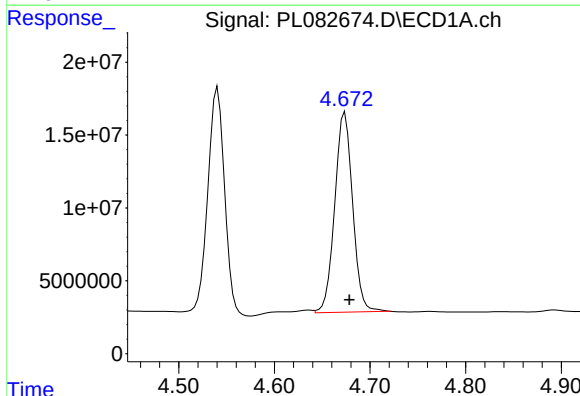
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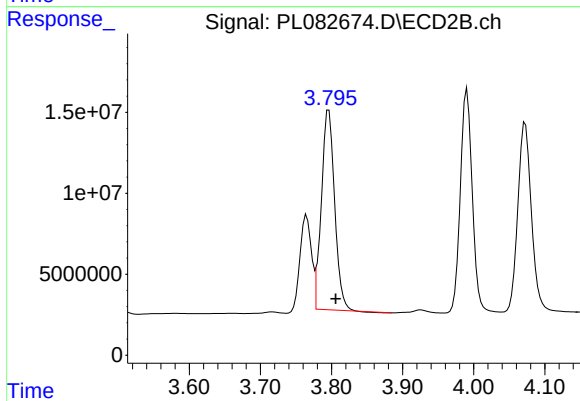
#3 gamma-BHC (Lindane)

R.T.: 3.465 min
Delta R.T.: -0.009 min
Response: 163754551
Conc: 50.93 ng/ml



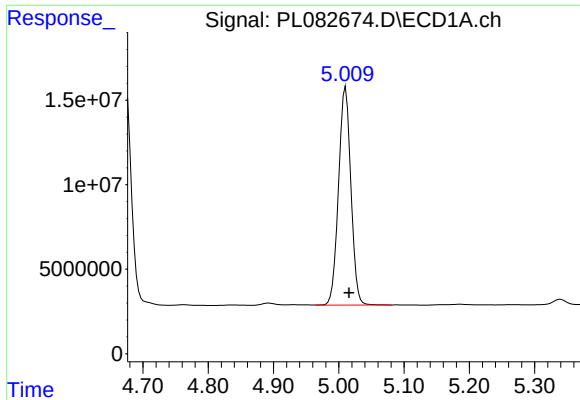
#4 Heptachlor

R.T.: 4.674 min
Delta R.T.: -0.005 min
Response: 178519793
Conc: 48.86 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: -0.010 min
Response: 159891191
Conc: 46.71 ng/ml



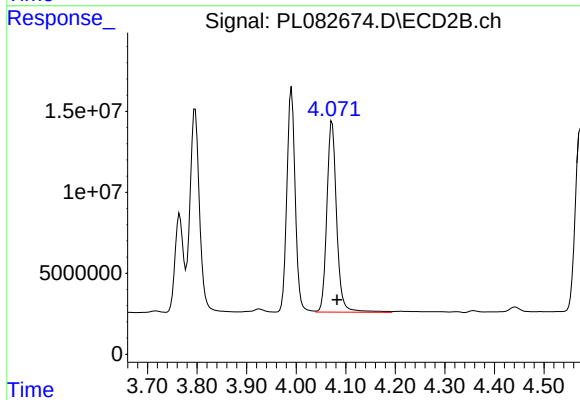
#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.005 min
Response: 169528512
Conc: 51.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152727BSD

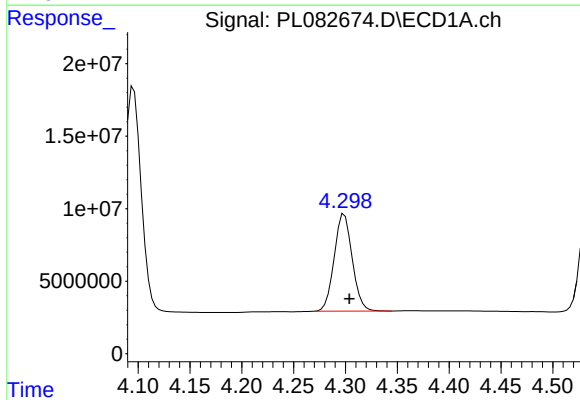
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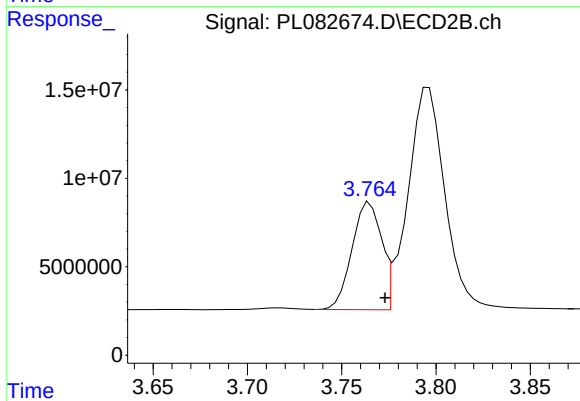
#5 Aldrin

R.T.: 4.073 min
Delta R.T.: -0.010 min
Response: 162010206
Conc: 51.43 ng/ml



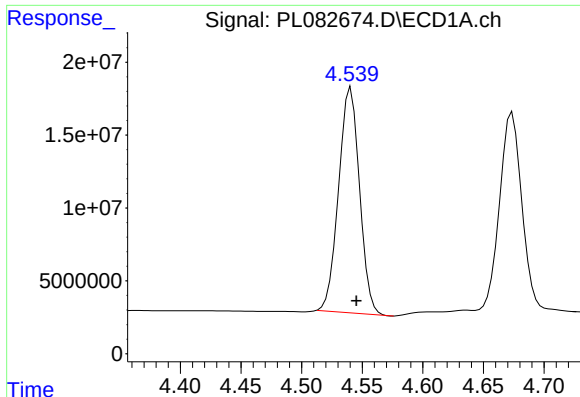
#6 beta-BHC

R.T.: 4.299 min
Delta R.T.: -0.005 min
Response: 81153526
Conc: 47.58 ng/ml



#6 beta-BHC

R.T.: 3.764 min
Delta R.T.: -0.009 min
Response: 64284611
Conc: 47.12 ng/ml m



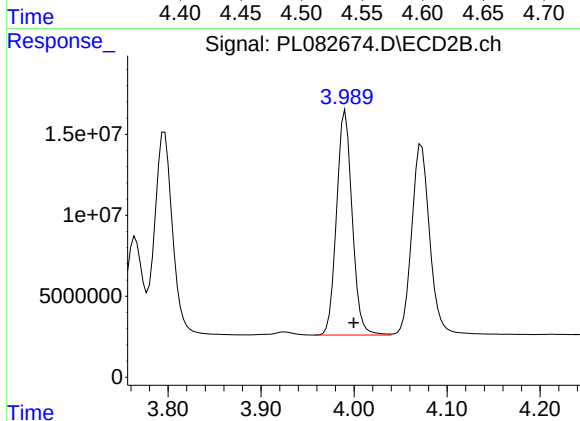
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 185598634
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152727BSD

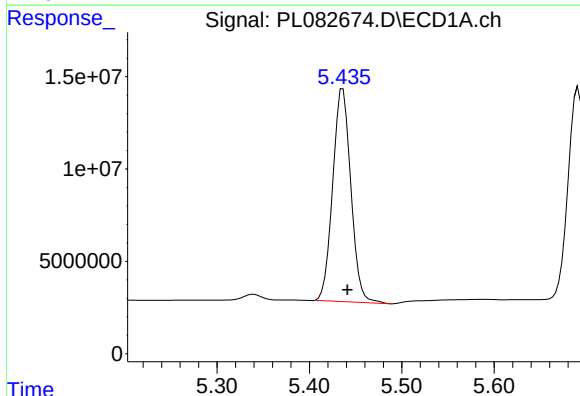
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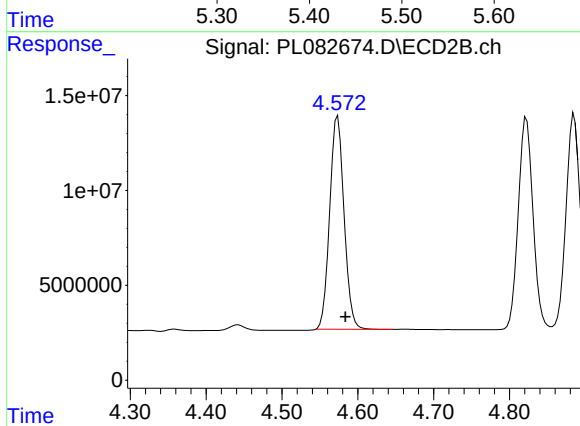
#7 delta-BHC

R.T.: 3.991 min
Delta R.T.: -0.009 min
Response: 161819155
Conc: 52.75 ng/ml



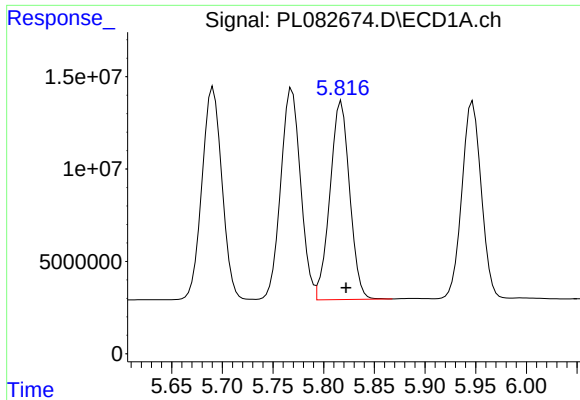
#8 Heptachlor epoxide

R.T.: 5.436 min
Delta R.T.: -0.005 min
Response: 157062330
Conc: 51.49 ng/ml



#8 Heptachlor epoxide

R.T.: 4.573 min
Delta R.T.: -0.010 min
Response: 147804418
Conc: 51.31 ng/ml



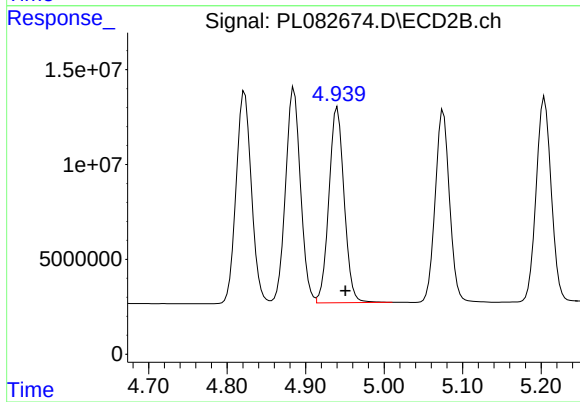
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.005 min
Response: 145773794
Conc: 52.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152727BSD

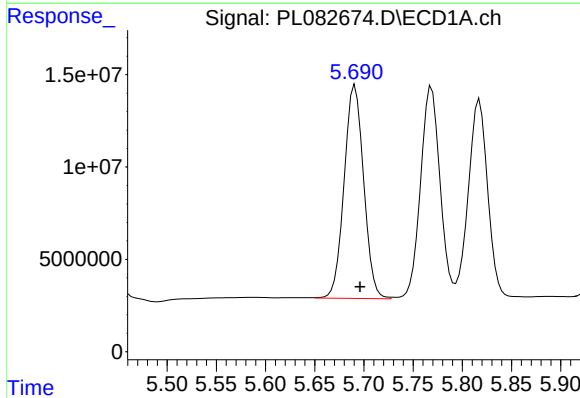
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Supervised By :Ankita Jodhani 05/16/2023



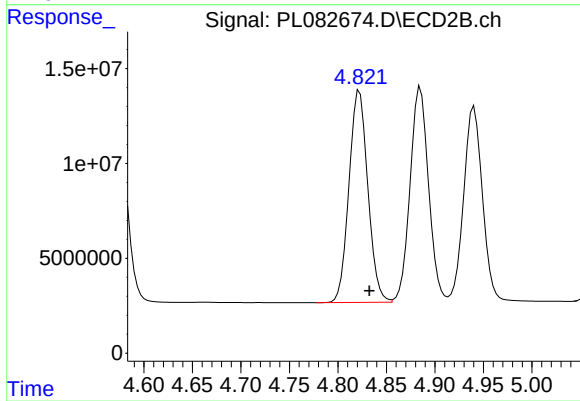
#9 Endosulfan I

R.T.: 4.940 min
Delta R.T.: -0.010 min
Response: 138522908
Conc: 51.89 ng/ml



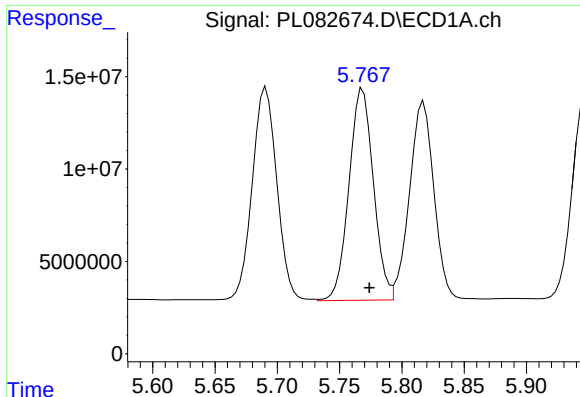
#10 gamma-Chlordane

R.T.: 5.690 min
Delta R.T.: -0.007 min
Response: 159424766
Conc: 53.02 ng/ml m



#10 gamma-Chlordane

R.T.: 4.822 min
Delta R.T.: -0.010 min
Response: 151105463
Conc: 52.07 ng/ml



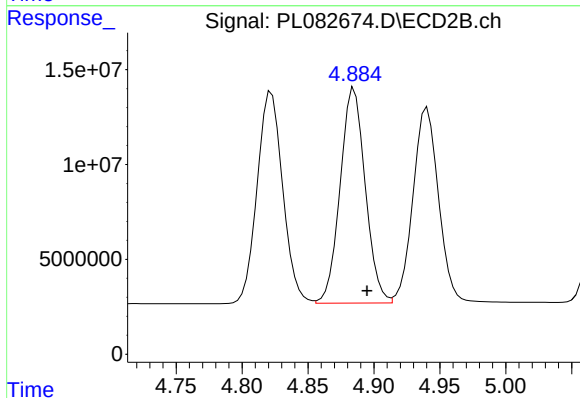
#11 alpha-Chlordane

R.T.: 5.769 min
Delta R.T.: -0.005 min
Response: 157322315
Conc: 52.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152727BSD

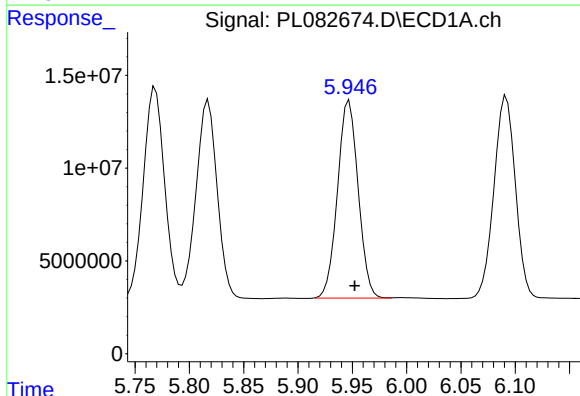
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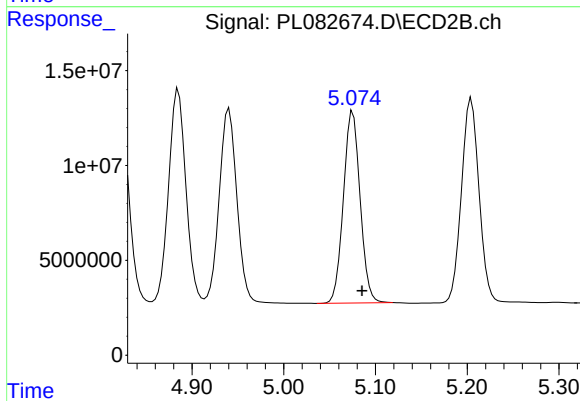
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 150052869
Conc: 51.69 ng/ml



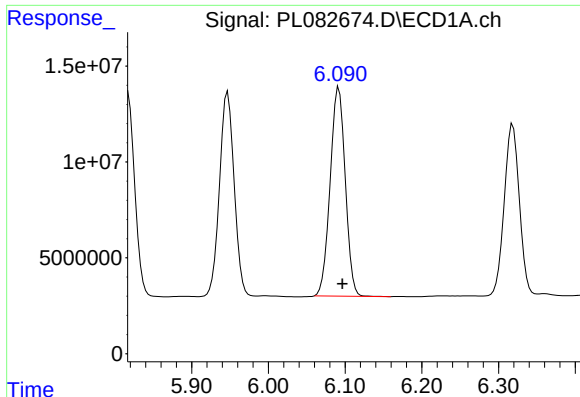
#12 4,4'-DDE

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 140917414
Conc: 55.43 ng/ml



#12 4,4'-DDE

R.T.: 5.074 min
Delta R.T.: -0.012 min
Response: 127776402
Conc: 55.58 ng/ml m



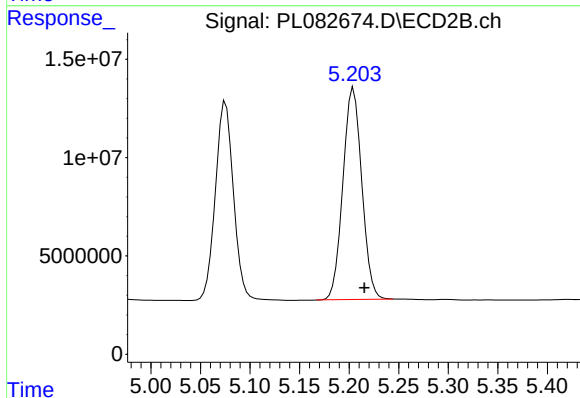
#13 Dieldrin

R.T.: 6.092 min
Delta R.T.: -0.005 min
Response: 148857311
Conc: 53.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152727BSD

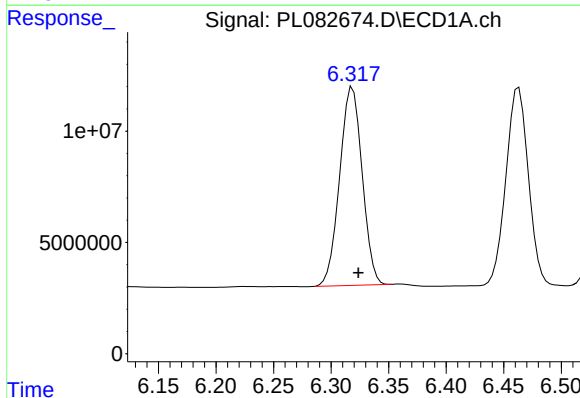
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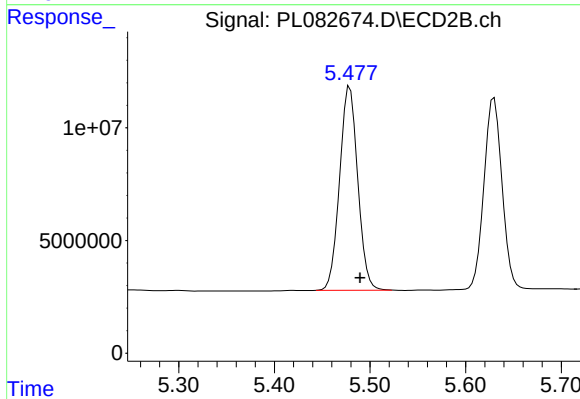
#13 Dieldrin

R.T.: 5.203 min
Delta R.T.: -0.012 min
Response: 142845677
Conc: 52.90 ng/ml m



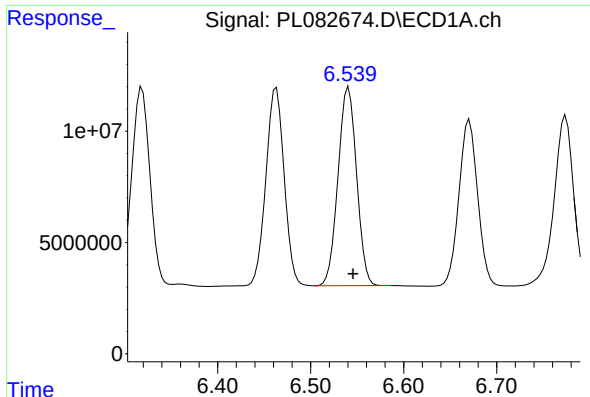
#14 Endrin

R.T.: 6.319 min
Delta R.T.: -0.005 min
Response: 121814856
Conc: 50.24 ng/ml



#14 Endrin

R.T.: 5.477 min
Delta R.T.: -0.012 min
Response: 119687562
Conc: 48.93 ng/ml m



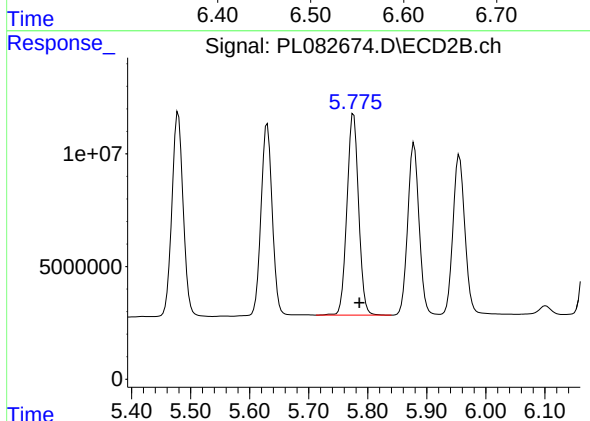
#15 Endosulfan II

R.T.: 6.541 min
Delta R.T.: -0.005 min
Response: 123776807
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152727BSD

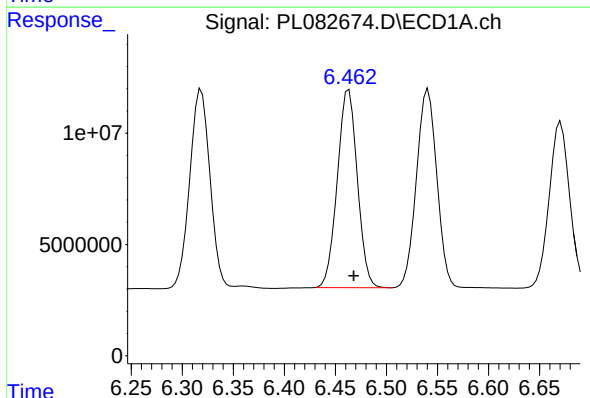
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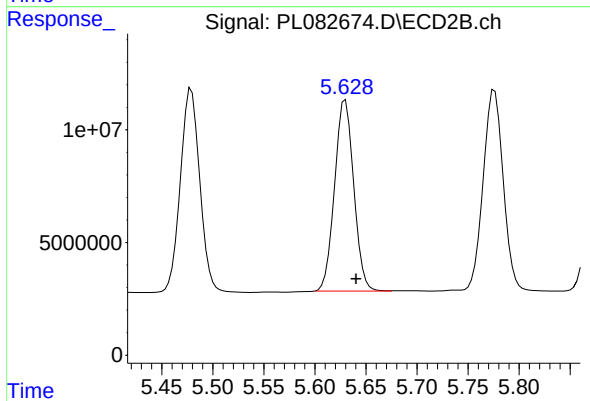
#15 Endosulfan II

R.T.: 5.776 min
Delta R.T.: -0.010 min
Response: 122693918
Conc: 54.43 ng/ml



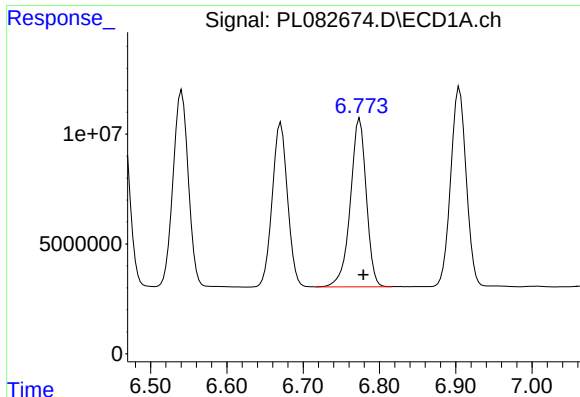
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 121504077
Conc: 59.94 ng/ml



#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: -0.010 min
Response: 110873027
Conc: 59.28 ng/ml



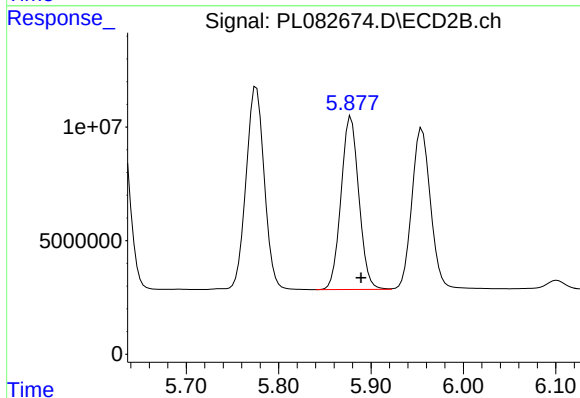
#17 4,4'-DDT

R.T.: 6.774 min
Delta R.T.: -0.005 min
Response: 111246367
Conc: 48.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152727BSD

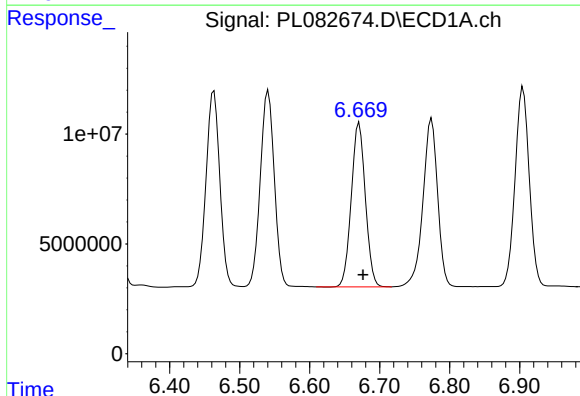
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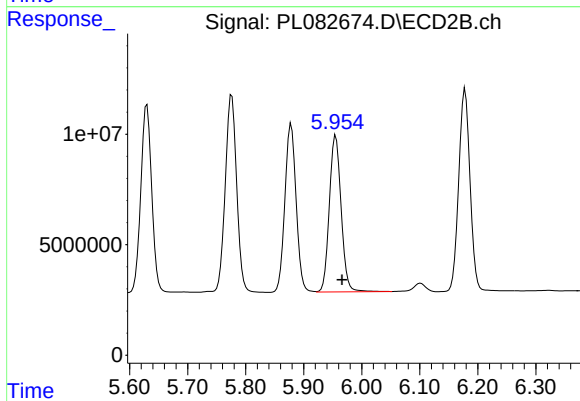
#17 4,4'-DDT

R.T.: 5.878 min
Delta R.T.: -0.011 min
Response: 102115515
Conc: 48.34 ng/ml



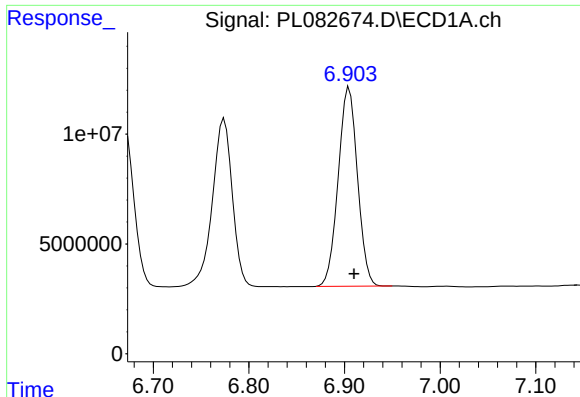
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.006 min
Response: 104273483
Conc: 55.34 ng/ml



#18 Endrin aldehyde

R.T.: 5.955 min
Delta R.T.: -0.011 min
Response: 99804281
Conc: 53.33 ng/ml



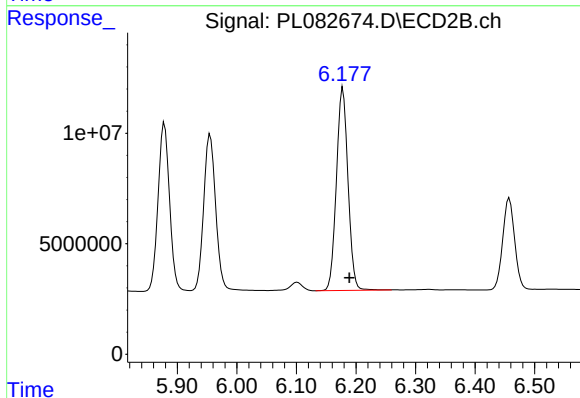
#19 Endosulfan Sulfate

R.T.: 6.905 min
Delta R.T.: -0.005 min
Response: 127172091
Conc: 53.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152727BSD

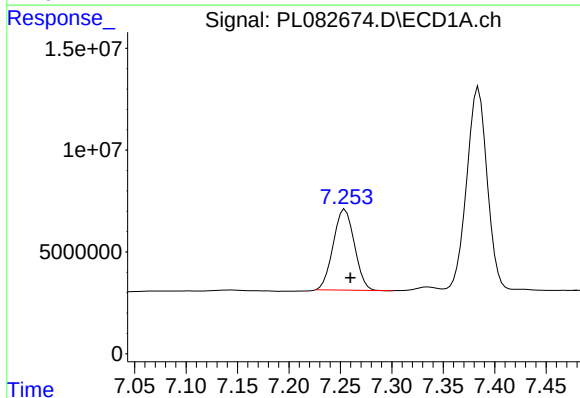
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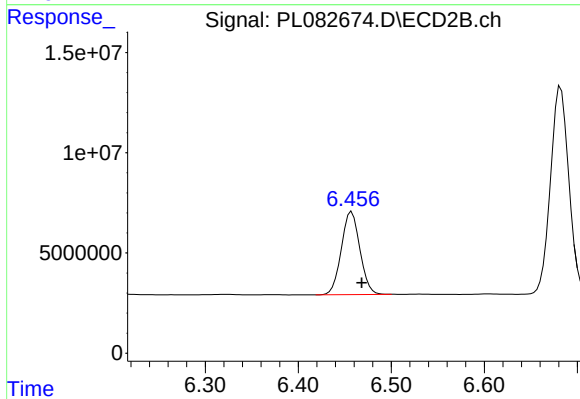
#19 Endosulfan Sulfate

R.T.: 6.178 min
Delta R.T.: -0.011 min
Response: 124018338
Conc: 52.68 ng/ml



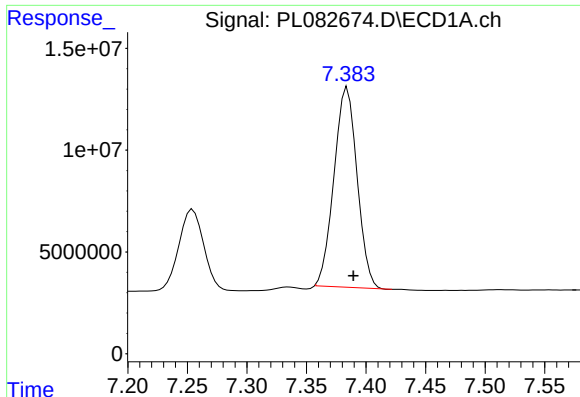
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.005 min
Response: 56895745
Conc: 46.62 ng/ml



#20 Methoxychlor

R.T.: 6.456 min
Delta R.T.: -0.012 min
Response: 57502493
Conc: 47.45 ng/ml m



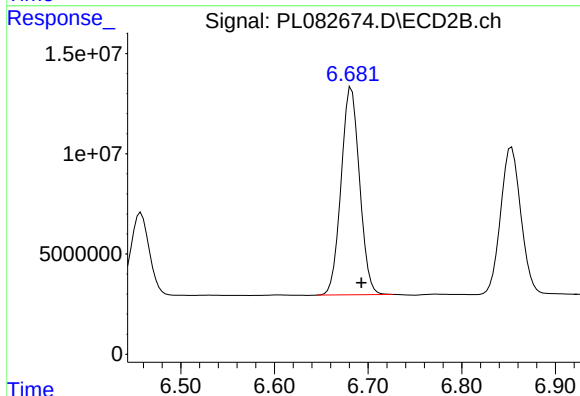
#21 Endrin ketone

R.T.: 7.384 min
Delta R.T.: -0.005 min
Response: 132448181
Conc: 55.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152727BSD

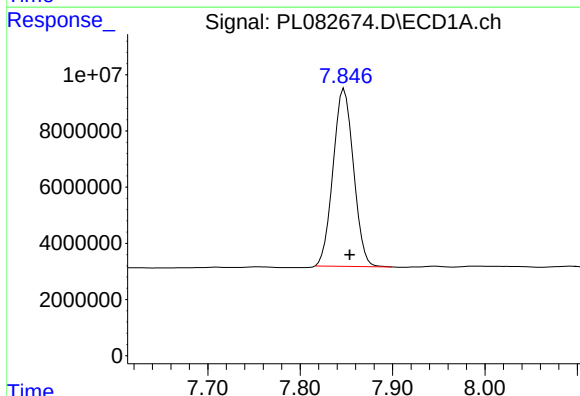
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/12/2023
Supervised By :Ankita Jodhani 05/16/2023



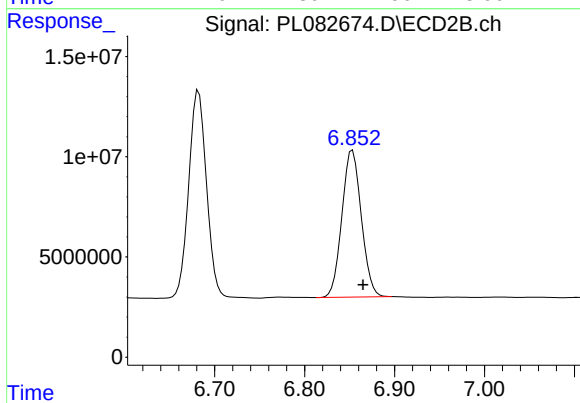
#21 Endrin ketone

R.T.: 6.681 min
Delta R.T.: -0.012 min
Response: 141704814
Conc: 55.83 ng/ml m



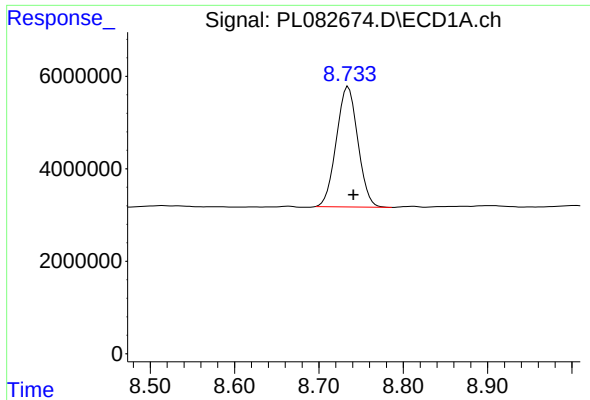
#22 Mirex

R.T.: 7.848 min
Delta R.T.: -0.006 min
Response: 97224291
Conc: 49.70 ng/ml



#22 Mirex

R.T.: 6.852 min
Delta R.T.: -0.013 min
Response: 109974790
Conc: 47.73 ng/ml m



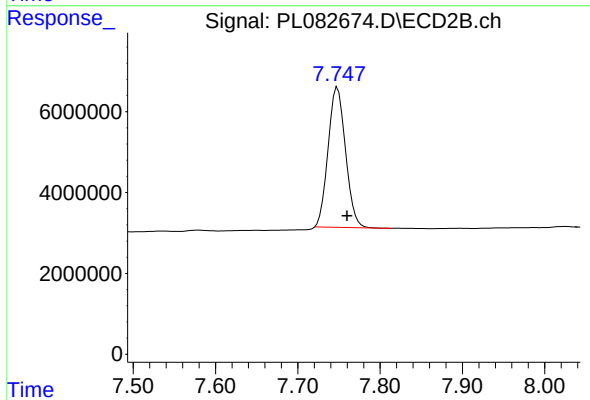
#28 Decachlorobiphenyl

R.T.: 8.735 min
Delta R.T.: -0.006 min
Response: 46109075
Conc: 24.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB152727BSD

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#28 Decachlorobiphenyl

R.T.: 7.748 min
Delta R.T.: -0.012 min
Response: 51073154
Conc: 22.38 ng/ml