

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122023\
 Data File : PL087273.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2023 12:49
 Operator : AR\AJ
 Sample : 05898-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 GHL-SS-16-2-4MSD

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 20:28:22 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	2.704f	46175530	22639875	12.270	13.450
28)	SA Decachlor...	8.982	7.894f	36635574	16886466	10.744	9.998
Target Compounds							
2)	A alpha-BHC	3.879	3.207f	190.4E6	76167077	35.166	30.992
3)	MA gamma-BHC...	4.213	3.538f	179.5E6	74909633	34.162	30.924
4)	MA Heptachlor	4.806	3.880f	184.7E6	76172788	34.671	31.868
5)	MB Aldrin	5.148	4.161f	170.2E6	71766321	32.700	29.931
6)	B beta-BHC	4.413	3.839f	80991925	32634656	35.263	31.350
7)	B delta-BHC	4.658	4.069f	176.8E6	72941589	33.802m	29.818
8)	B Heptachlo...	5.579	4.669f	156.0E6	67103336	33.103	30.155
9)	A Endosulfan I	5.966	5.040f	144.5E6	63222314	32.352	29.254
10)	B gamma-Chl...	5.837	4.922f	160.4E6	70752457	33.078	30.932
11)	B alpha-Chl...	5.918	4.986f	155.2E6	68720996	32.296	29.775
12)	B 4,4'-DDE	6.099	5.185f	135.9E6	56629281	32.802	28.521
13)	MA Dieldrin	6.244	5.307f	150.7E6	65317922	32.465	29.320
14)	MA Endrin	6.474	5.581f	128.2E6	61332985	33.316	30.734m
15)	B Endosulfa...	6.695	5.879f	123.0E6	55261344	30.661	28.383m
16)	A 4,4'-DDD	6.619	5.744f	110.2E6	48840010	33.341	29.497
17)	MA 4,4'-DDT	6.936	5.996f	125.1E6	56570276	33.268	30.673
18)	B Endrin al...	6.827	6.063f	95721115	43492439	33.026	29.635
19)	B Endosulfa...	7.064	6.286f	127.6E6	56752542	32.503	30.126m
20)	A Methoxychlor	7.421	6.581f	63152939	31506262	32.387	30.846m
21)	B Endrin ke...	7.550	6.792f	130.2E6	64256161	31.994	30.186m
22)	Mirex	8.028	6.974f	107.0E6	52552575	31.772	29.538m

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

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Acq On : 20 Dec 2023 12:49
Operator : AR\AJ
Sample : 05898-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

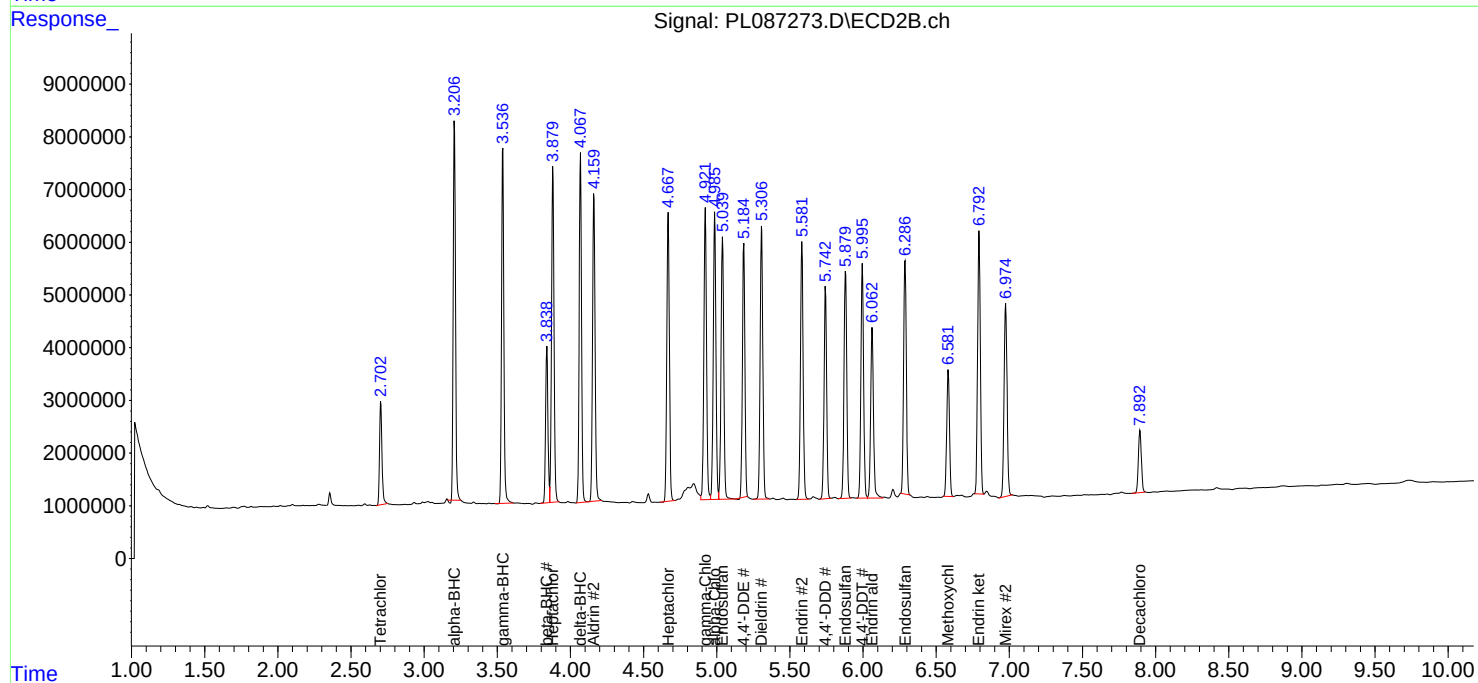
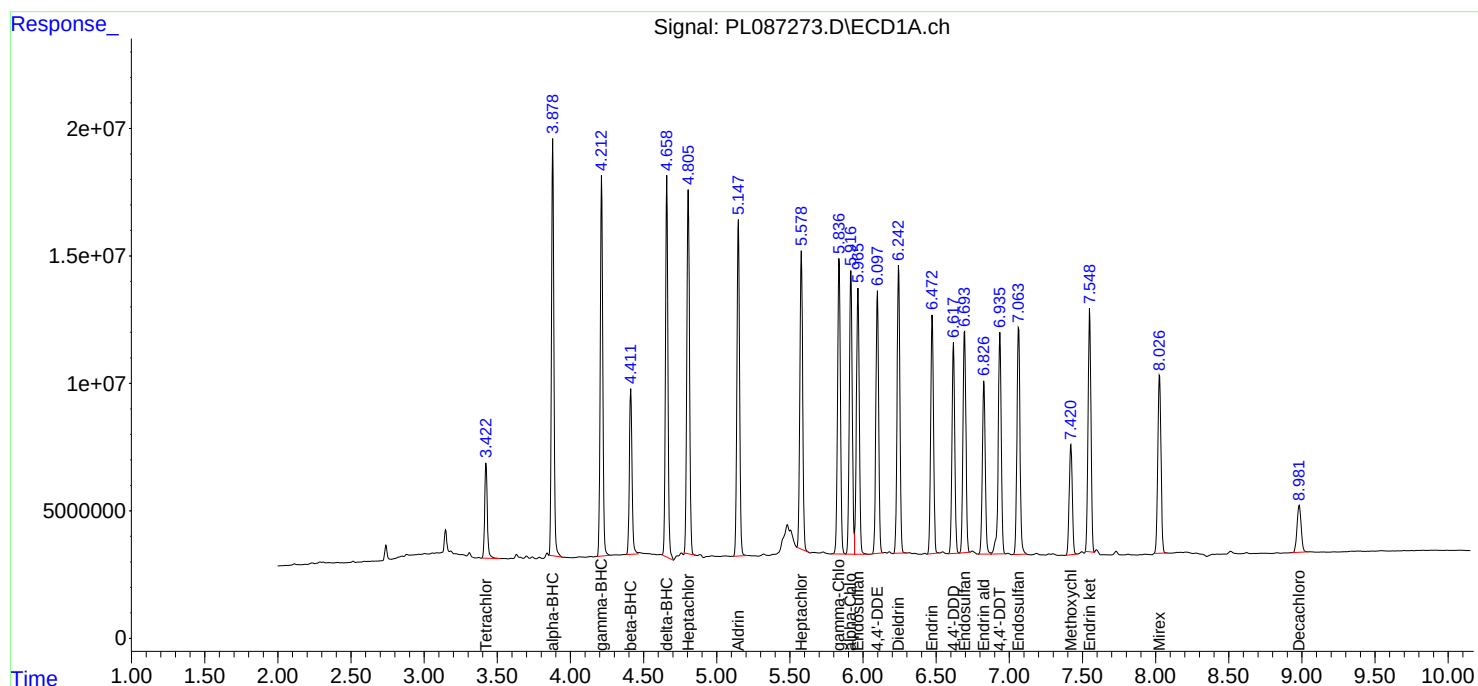
Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MSD

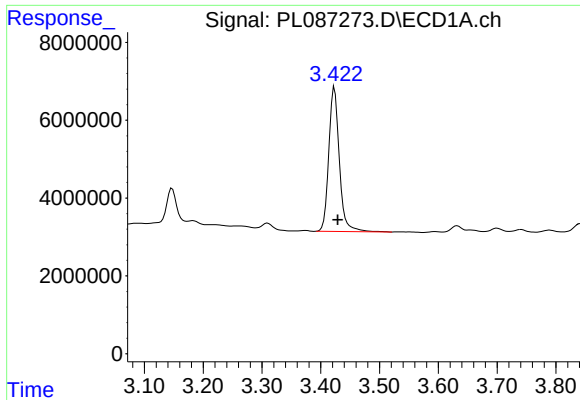
Manual Integrations
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Supervised By :Ankita Jodhani 12/21/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 20 20:28:22 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
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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





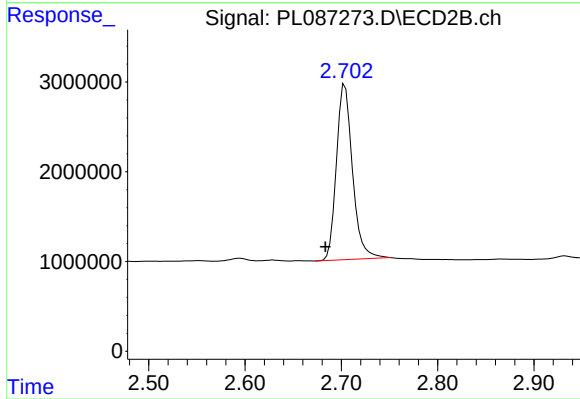
#1 Tetrachloro-m-xylene

R.T.: 3.423 min
Delta R.T.: -0.006 min
Response: 46175530
Conc: 12.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MSD

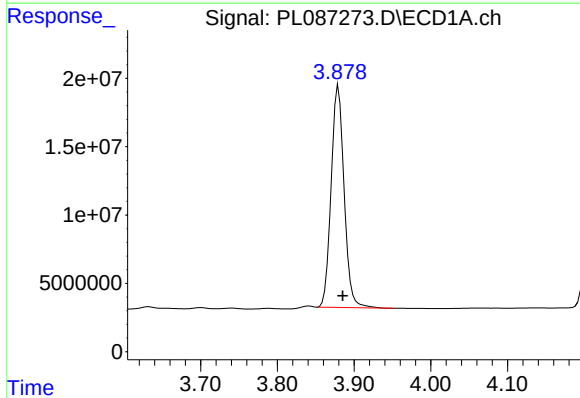
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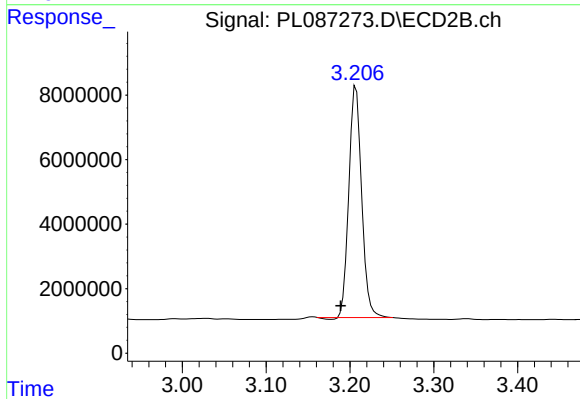
#1 Tetrachloro-m-xylene

R.T.: 2.704 min
Delta R.T.: 0.020 min
Response: 22639875
Conc: 13.45 ng/ml



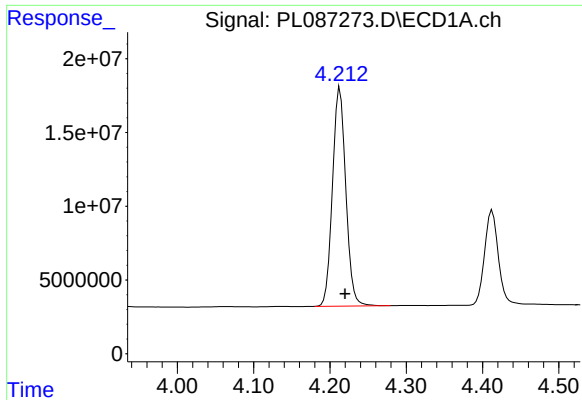
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.006 min
Response: 190391652
Conc: 35.17 ng/ml



#2 alpha-BHC

R.T.: 3.207 min
Delta R.T.: 0.018 min
Response: 76167077
Conc: 30.99 ng/ml



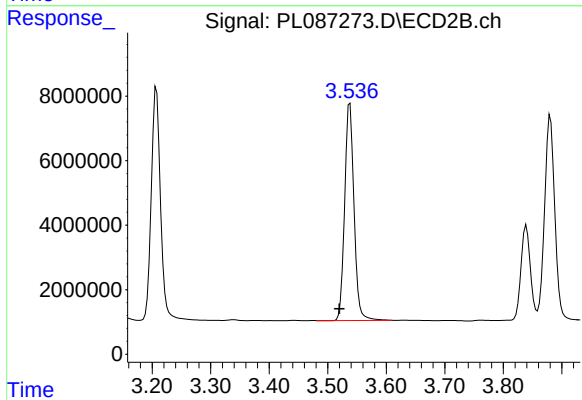
#3 gamma-BHC (Lindane)

R.T.: 4.213 min
Delta R.T.: -0.007 min
Response: 179546335
Conc: 34.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MSD

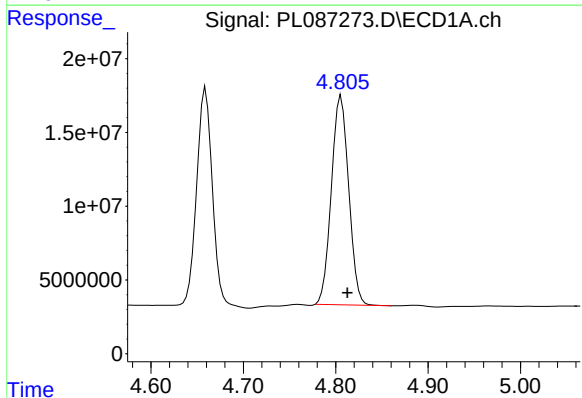
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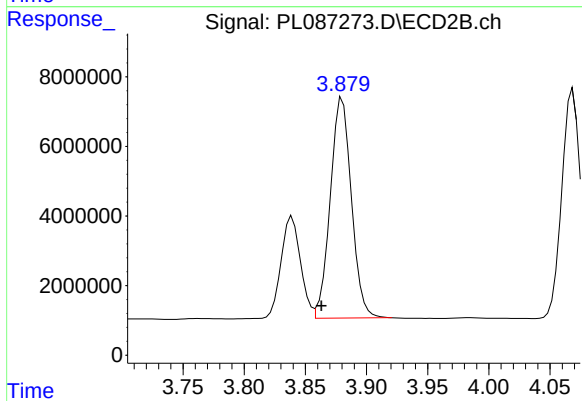
#3 gamma-BHC (Lindane)

R.T.: 3.538 min
Delta R.T.: 0.018 min
Response: 74909633
Conc: 30.92 ng/ml



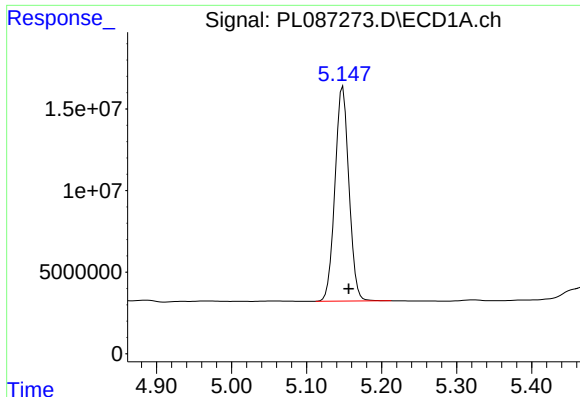
#4 Heptachlor

R.T.: 4.806 min
Delta R.T.: -0.007 min
Response: 184677089
Conc: 34.67 ng/ml



#4 Heptachlor

R.T.: 3.880 min
Delta R.T.: 0.017 min
Response: 76172788
Conc: 31.87 ng/ml



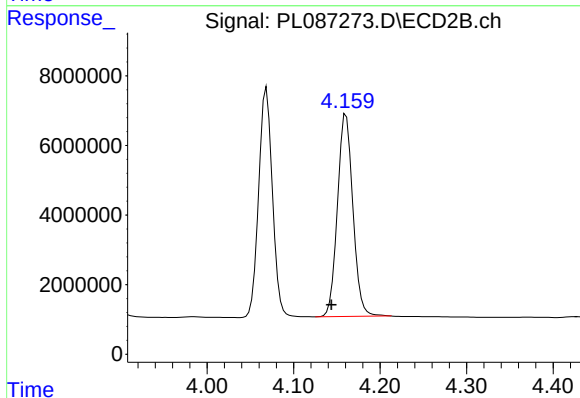
#5 Aldrin

R.T.: 5.148 min
Delta R.T.: -0.008 min
Response: 170248471
Conc: 32.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MSD

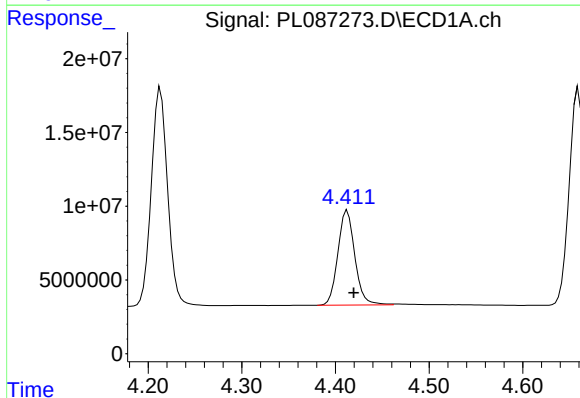
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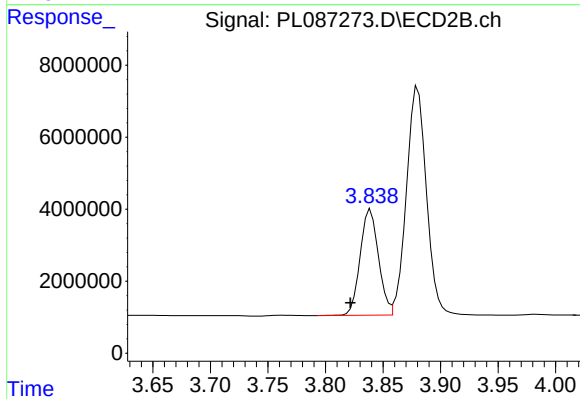
#5 Aldrin

R.T.: 4.161 min
Delta R.T.: 0.017 min
Response: 71766321
Conc: 29.93 ng/ml



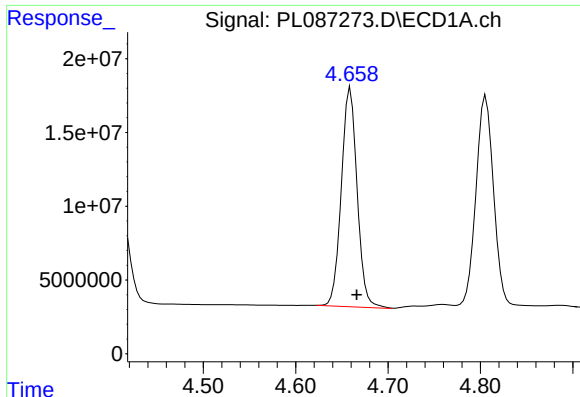
#6 beta-BHC

R.T.: 4.413 min
Delta R.T.: -0.007 min
Response: 80991925
Conc: 35.26 ng/ml



#6 beta-BHC

R.T.: 3.839 min
Delta R.T.: 0.018 min
Response: 32634656
Conc: 31.35 ng/ml



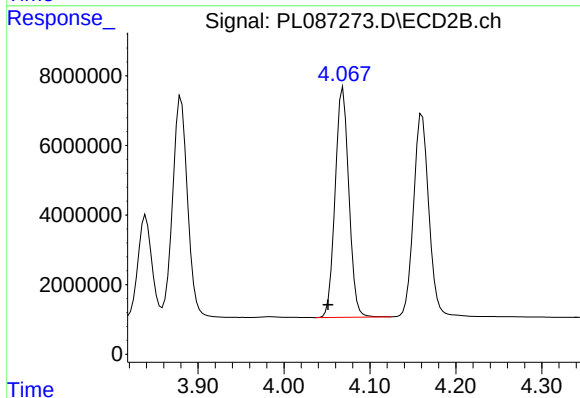
#7 delta-BHC

R.T.: 4.658 min
Delta R.T.: -0.008 min
Response: 176764034
Conc: 33.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MSD

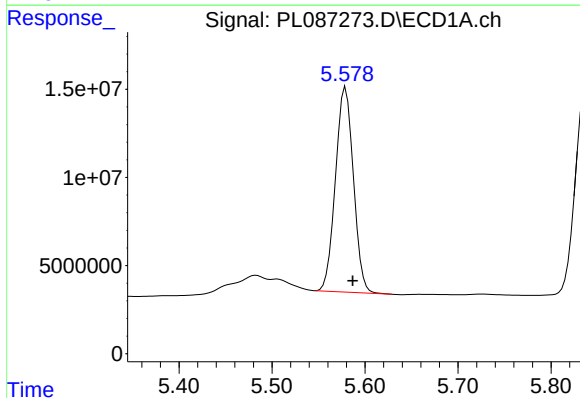
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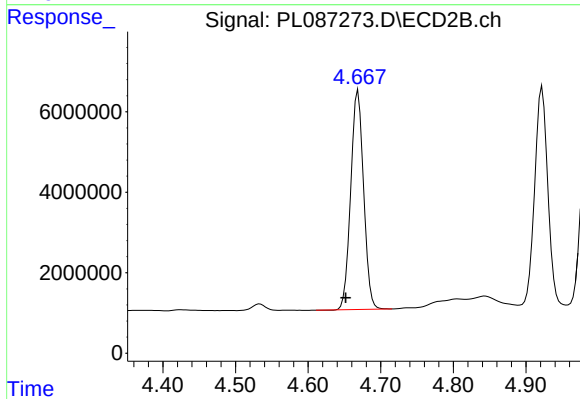
#7 delta-BHC

R.T.: 4.069 min
Delta R.T.: 0.018 min
Response: 72941589
Conc: 29.82 ng/ml



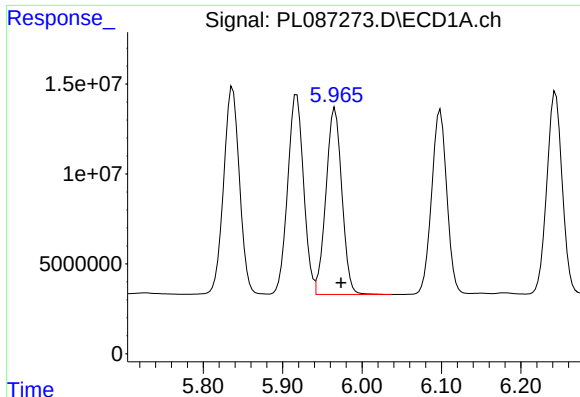
#8 Heptachlor epoxide

R.T.: 5.579 min
Delta R.T.: -0.008 min
Response: 156009280
Conc: 33.10 ng/ml



#8 Heptachlor epoxide

R.T.: 4.669 min
Delta R.T.: 0.017 min
Response: 67103336
Conc: 30.15 ng/ml



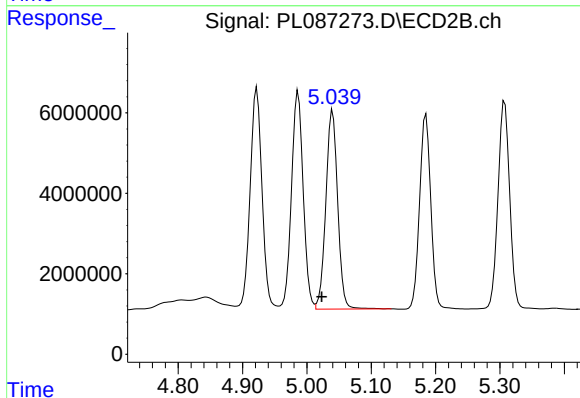
#9 Endosulfan I

R.T.: 5.966 min
Delta R.T.: -0.007 min
Response: 144492637
Conc: 32.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MSD

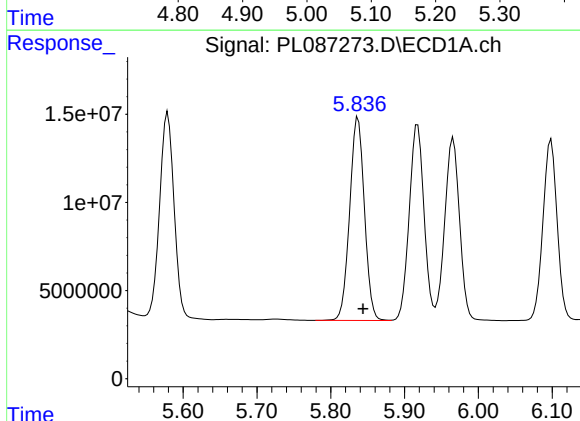
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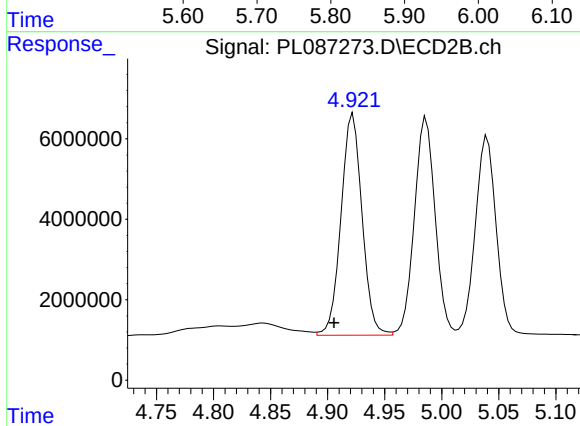
#9 Endosulfan I

R.T.: 5.040 min
Delta R.T.: 0.016 min
Response: 63222314
Conc: 29.25 ng/ml



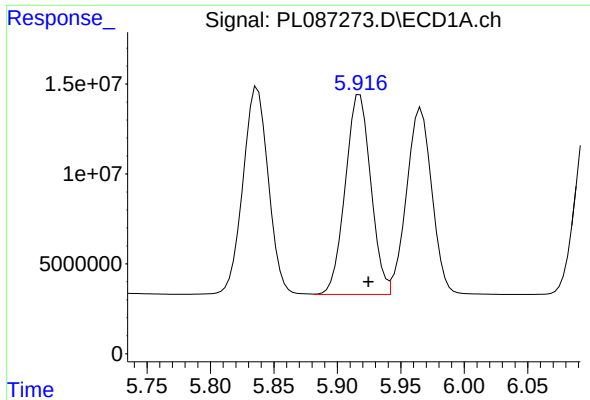
#10 gamma-Chlordane

R.T.: 5.837 min
Delta R.T.: -0.007 min
Response: 160360616
Conc: 33.08 ng/ml



#10 gamma-Chlordane

R.T.: 4.922 min
Delta R.T.: 0.016 min
Response: 70752457
Conc: 30.93 ng/ml



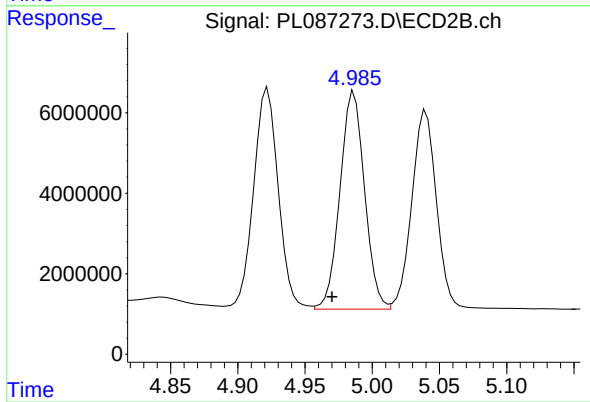
#11 alpha-Chlordane

R.T.: 5.918 min
Delta R.T.: -0.007 min
Response: 155217726
Conc: 32.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MSD

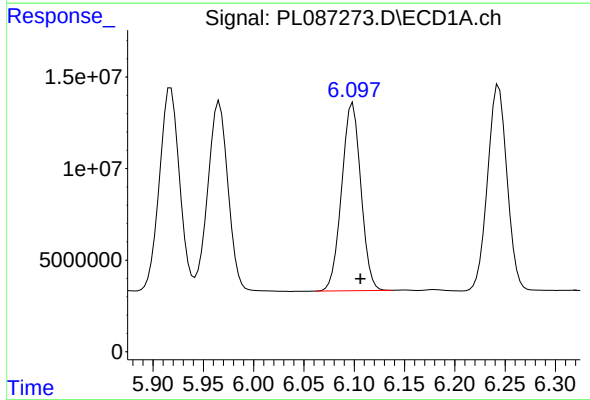
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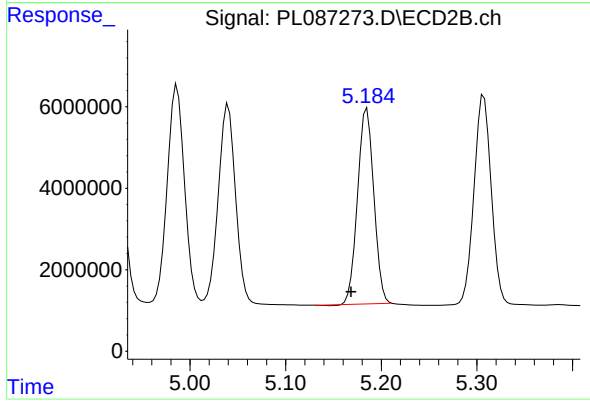
#11 alpha-Chlordane

R.T.: 4.986 min
Delta R.T.: 0.016 min
Response: 68720996
Conc: 29.77 ng/ml



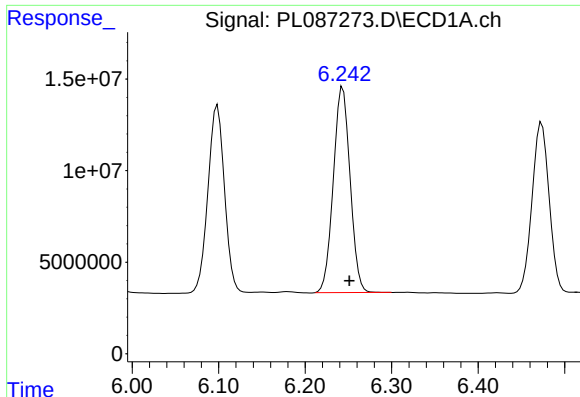
#12 4,4'-DDE

R.T.: 6.099 min
Delta R.T.: -0.007 min
Response: 135931344
Conc: 32.80 ng/ml



#12 4,4'-DDE

R.T.: 5.185 min
Delta R.T.: 0.017 min
Response: 56629281
Conc: 28.52 ng/ml



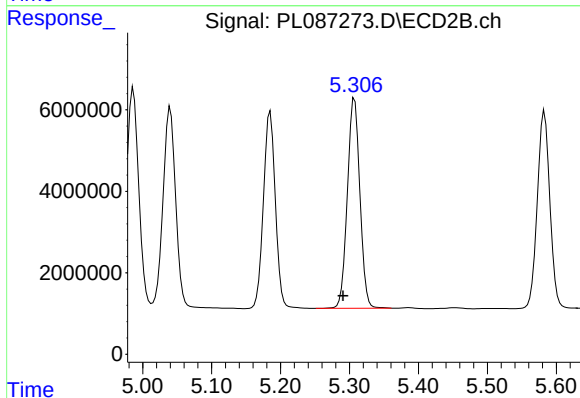
#13 Dieldrin

R.T.: 6.244 min
Delta R.T.: -0.008 min
Response: 150668291
Conc: 32.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MSD

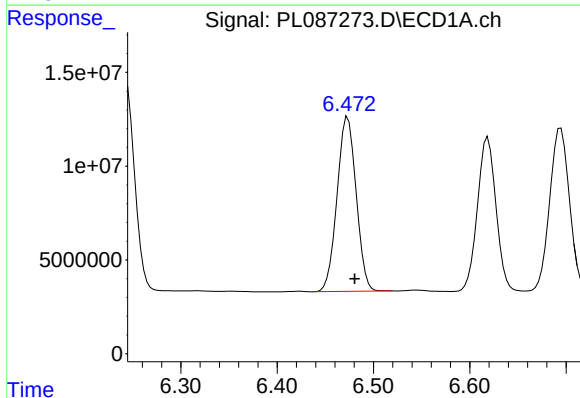
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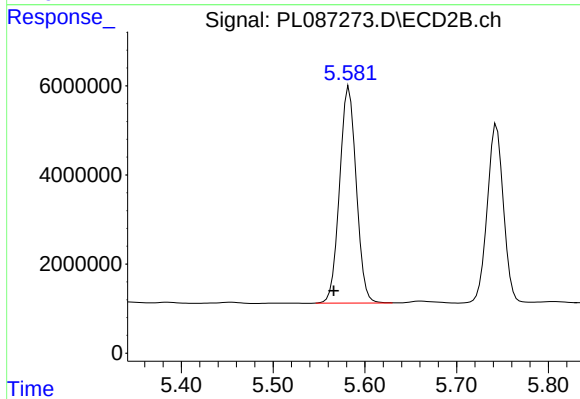
#13 Dieldrin

R.T.: 5.307 min
Delta R.T.: 0.017 min
Response: 65317922
Conc: 29.32 ng/ml



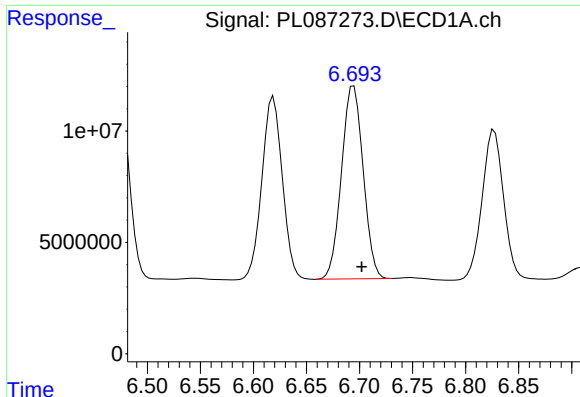
#14 Endrin

R.T.: 6.474 min
Delta R.T.: -0.007 min
Response: 128177439
Conc: 33.32 ng/ml



#14 Endrin

R.T.: 5.581 min
Delta R.T.: 0.015 min
Response: 61332985
Conc: 30.73 ng/ml m



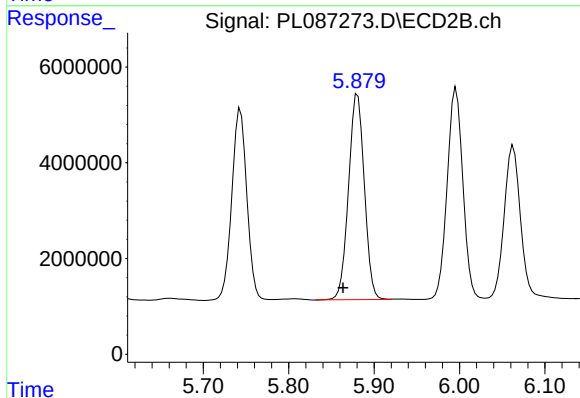
#15 Endosulfan II

R.T.: 6.695 min
Delta R.T.: -0.007 min
Response: 122960921
Conc: 30.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MSD

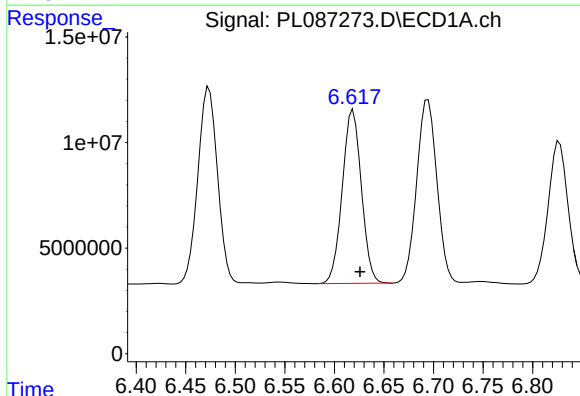
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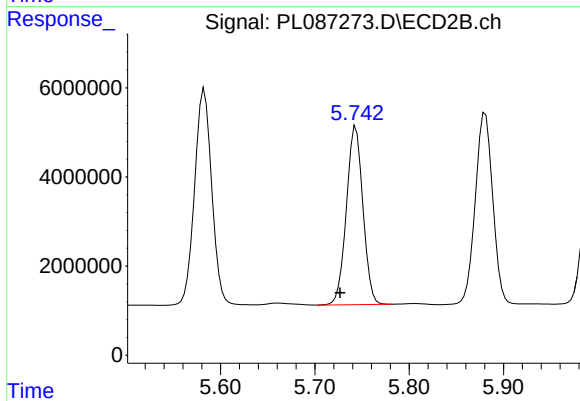
#15 Endosulfan II

R.T.: 5.879 min
Delta R.T.: 0.016 min
Response: 55261344
Conc: 28.38 ng/ml m



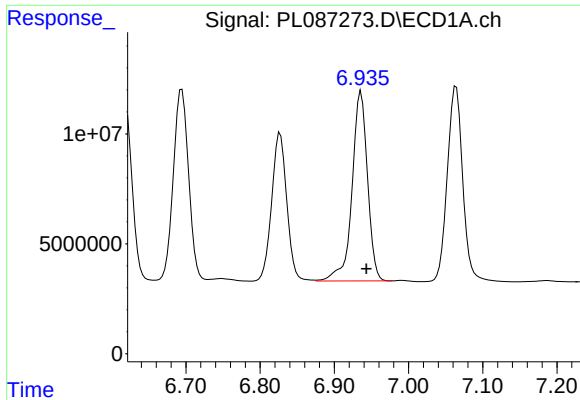
#16 4,4'-DDD

R.T.: 6.619 min
Delta R.T.: -0.007 min
Response: 110195434
Conc: 33.34 ng/ml



#16 4,4'-DDD

R.T.: 5.744 min
Delta R.T.: 0.017 min
Response: 48840010
Conc: 29.50 ng/ml



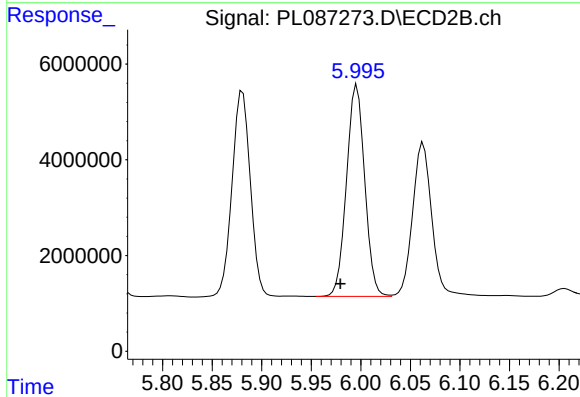
#17 4,4'-DDT

R.T.: 6.936 min
Delta R.T.: -0.007 min
Response: 125093764
Conc: 33.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MSD

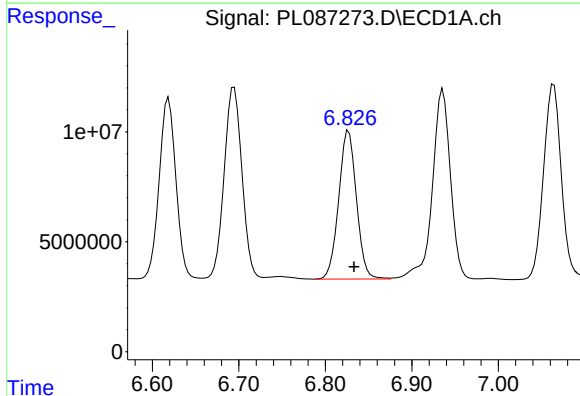
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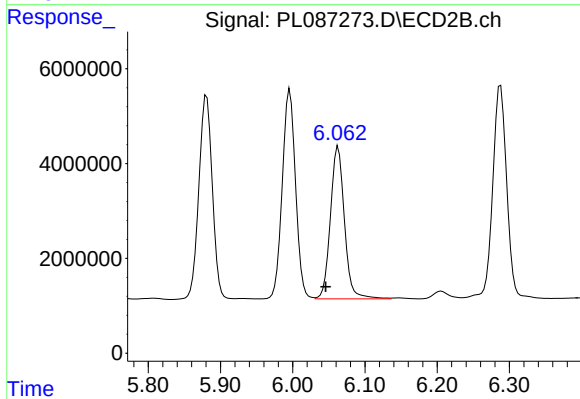
#17 4,4'-DDT

R.T.: 5.996 min
Delta R.T.: 0.017 min
Response: 56570276
Conc: 30.67 ng/ml



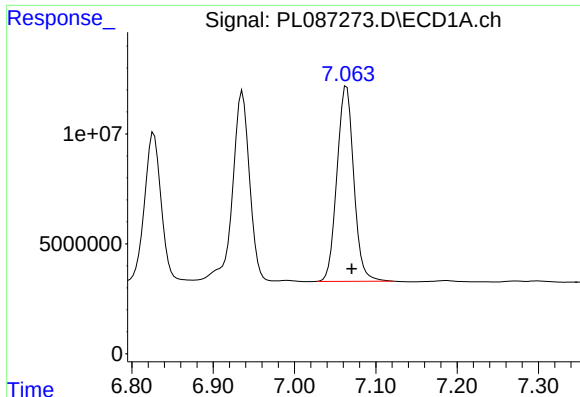
#18 Endrin aldehyde

R.T.: 6.827 min
Delta R.T.: -0.006 min
Response: 95721115
Conc: 33.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.063 min
Delta R.T.: 0.017 min
Response: 43492439
Conc: 29.63 ng/ml



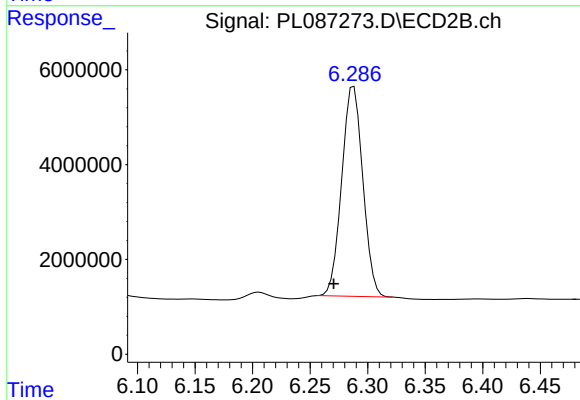
#19 Endosulfan Sulfate

R.T.: 7.064 min
Delta R.T.: -0.006 min
Response: 127632759
Conc: 32.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MSD

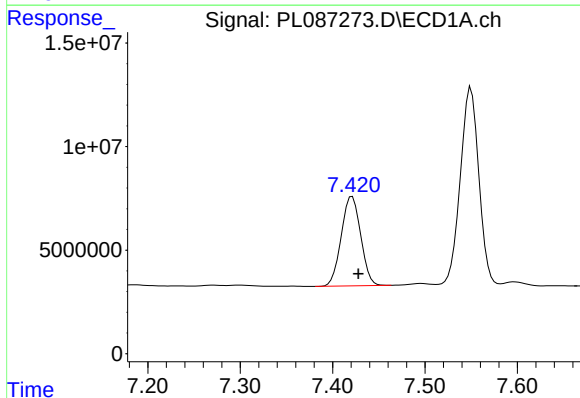
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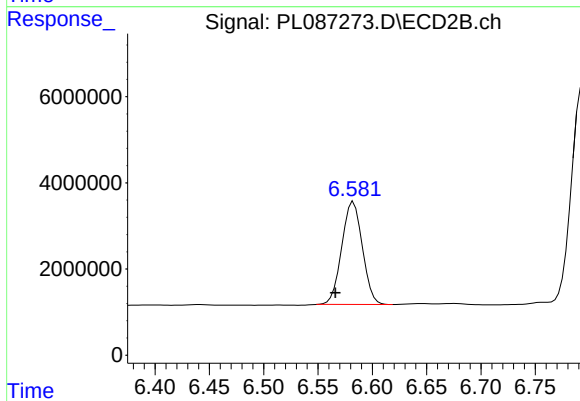
#19 Endosulfan Sulfate

R.T.: 6.286 min
Delta R.T.: 0.016 min
Response: 56752542
Conc: 30.13 ng/ml m



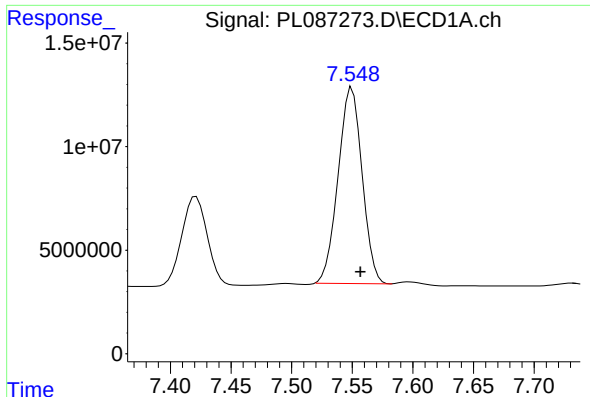
#20 Methoxychlor

R.T.: 7.421 min
Delta R.T.: -0.007 min
Response: 63152939
Conc: 32.39 ng/ml



#20 Methoxychlor

R.T.: 6.581 min
Delta R.T.: 0.015 min
Response: 31506262
Conc: 30.85 ng/ml m



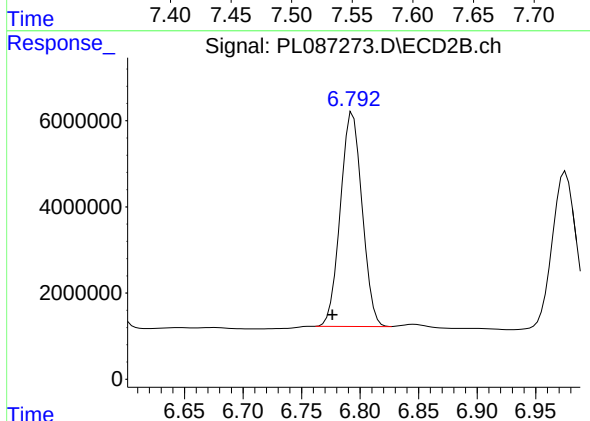
#21 Endrin ketone

R.T.: 7.550 min
Delta R.T.: -0.007 min
Response: 130160661
Conc: 31.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MSD

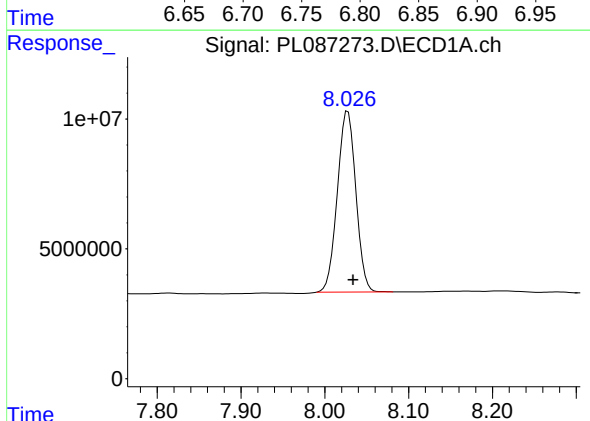
Manual Integrations
APPROVED

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



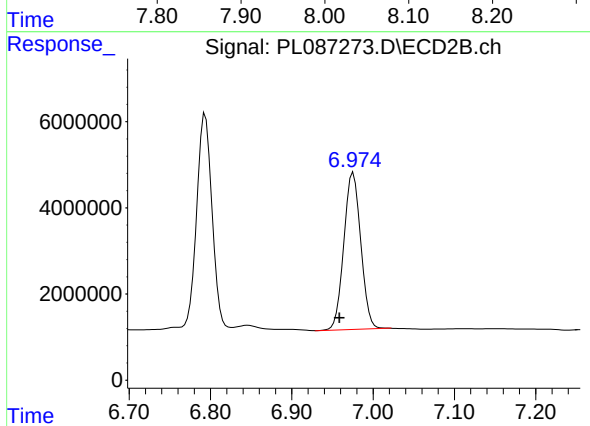
#21 Endrin ketone

R.T.: 6.792 min
Delta R.T.: 0.016 min
Response: 64256161
Conc: 30.19 ng/ml m



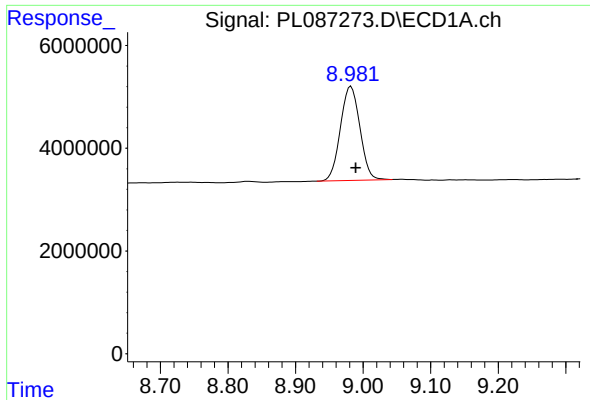
#22 Mirex

R.T.: 8.028 min
Delta R.T.: -0.006 min
Response: 107008967
Conc: 31.77 ng/ml



#22 Mirex

R.T.: 6.974 min
Delta R.T.: 0.016 min
Response: 52552575
Conc: 29.54 ng/ml m



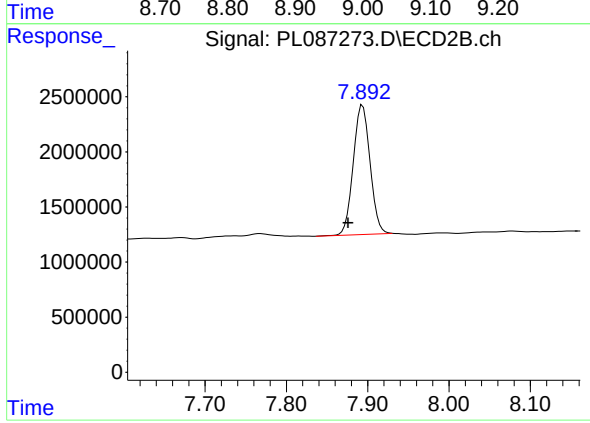
#28 Decachlorobiphenyl

R.T.: 8.982 min
Delta R.T.: -0.007 min
Response: 36635574
Conc: 10.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
GHL-SS-16-2-4MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/21/2023



#28 Decachlorobiphenyl

R.T.: 7.894 min
Delta R.T.: 0.018 min
Response: 16886466
Conc: 10.00 ng/ml