

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122523\
 Data File : PL087455.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Dec 2023 23:00
 Operator : AR\AJ
 Sample : PB158043BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB158043BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/26/2023
 Supervised By : Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 26 03:00:15 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...	3.442	2.678	48677898	20197727	12.934	11.999
28)	SA Decachlor...	8.998	7.864	46846827	20977754	13.738	12.421
Target Compounds							
2)	A alpha-BHC	3.898	3.180	190.2E6	80002734	35.139	32.553m
3)	MA gamma-BHC...	4.232	3.512	179.2E6	76605752	34.105	31.624
4)	MA Heptachlor	4.824	3.854	188.3E6	79534435	35.352	33.274
5)	MB Aldrin	5.166	4.134	171.6E6	74747735	32.954	31.174
6)	B beta-BHC	4.431	3.813	78247796	32417355	34.068	31.141
7)	B delta-BHC	4.677	4.043	174.2E6	74675550	33.314	30.527
8)	B Heptachlo...	5.597	4.641	158.9E6	69891263	33.709	31.407
9)	A Endosulfan I	5.983	5.012	152.2E6	67874156	34.072	31.406
10)	B gamma-Chl...	5.854	4.895	165.6E6	71039805	34.166	31.058
11)	B alpha-Chl...	5.935	4.959	163.7E6	71717056	34.067	31.073
12)	B 4,4'-DDE	6.116	5.157	141.5E6	61696107	34.144	31.073
13)	MA Dieldrin	6.261	5.280	154.2E6	67723609	33.228	30.400
14)	MA Endrin	6.490	5.555	130.3E6	62179204	33.878	31.158
15)	B Endosulfa...	6.711	5.852	127.3E6	57646619	31.739m	29.608
16)	A 4,4'-DDD	6.636	5.715	114.1E6	52305312	34.510	31.590
17)	MA 4,4'-DDT	6.953	5.968	130.8E6	57763025	34.780	31.319
18)	B Endrin al...	6.844	6.034	100.3E6	45782320	34.619	31.195
19)	B Endosulfa...	7.080	6.258	133.2E6	59456777	33.924	31.562m
20)	A Methoxychlor	7.439	6.552	69057913	32697884	35.416	32.013m
21)	B Endrin ke...	7.566	6.764	136.5E6	67954149	33.555	31.923m
22)	Mirex	8.043	6.947	110.2E6	54086801	32.724	30.401

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122523\
Data File : PL087455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Dec 2023 23:00
Operator : AR\AJ
Sample : PB158043BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB158043BS

Manual Integrations

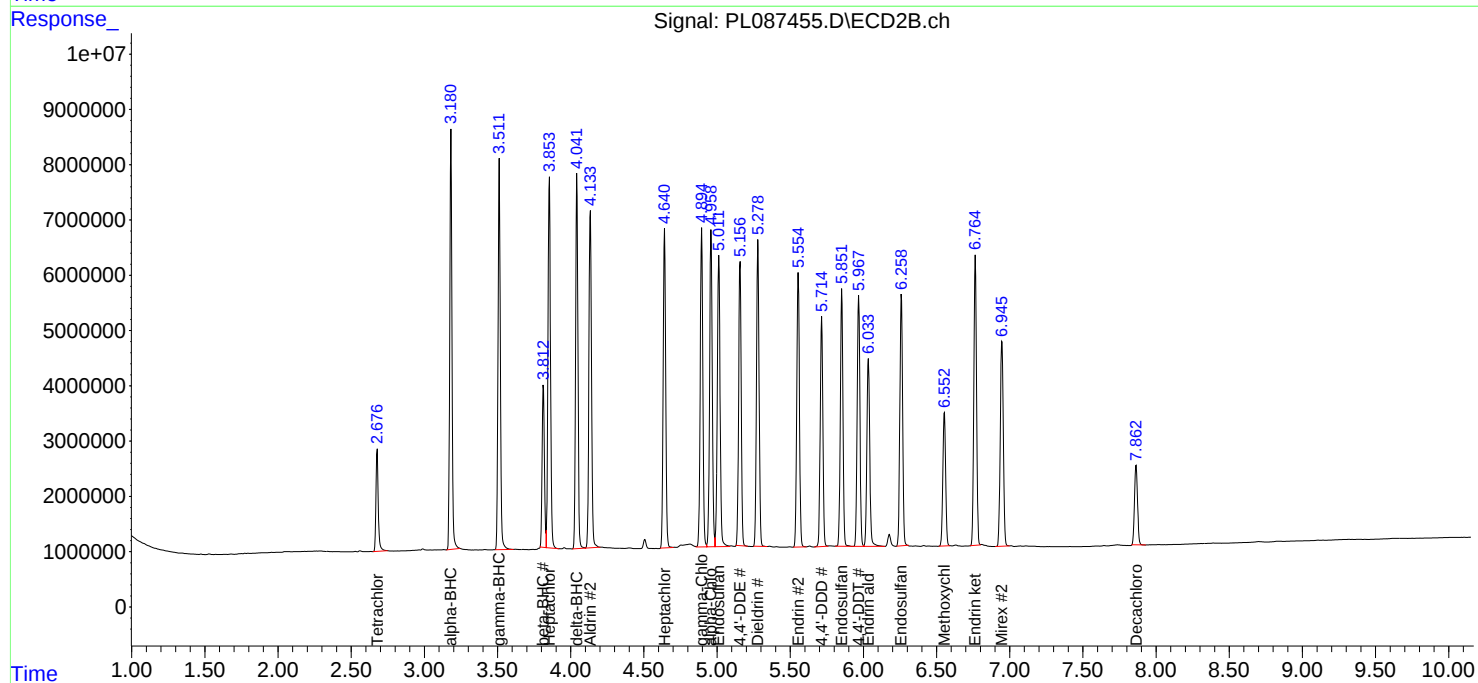
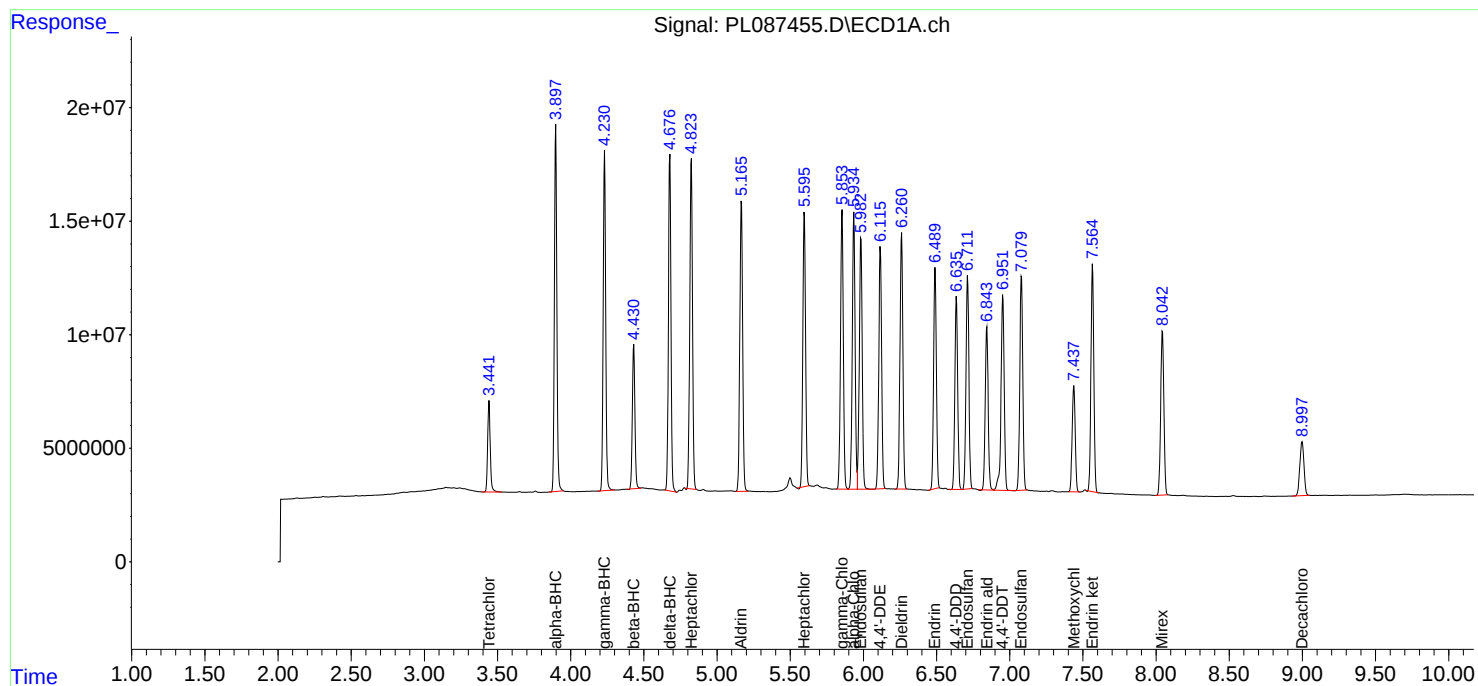
APPROVED

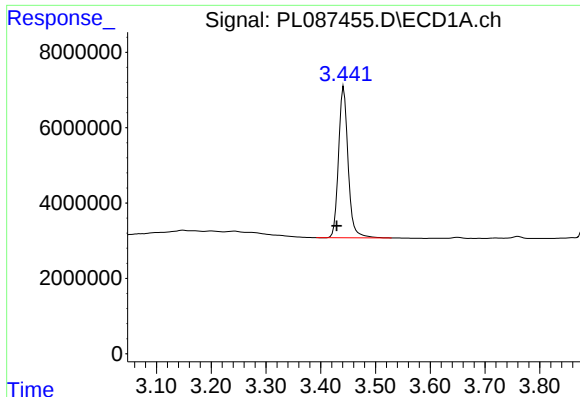
Reviewed By :Abdul Mirza 12/26/2023

Supervised By :Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 26 03:00:15 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





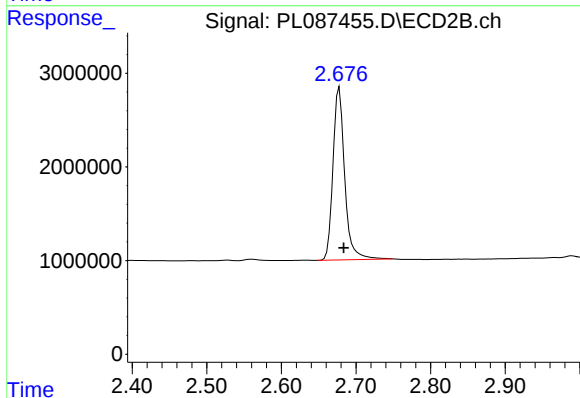
#1 Tetrachloro-m-xylene

R.T.: 3.442 min
Delta R.T.: 0.013 min
Response: 48677898
Conc: 12.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

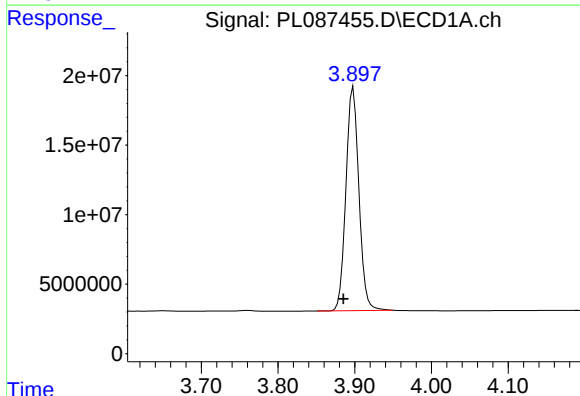
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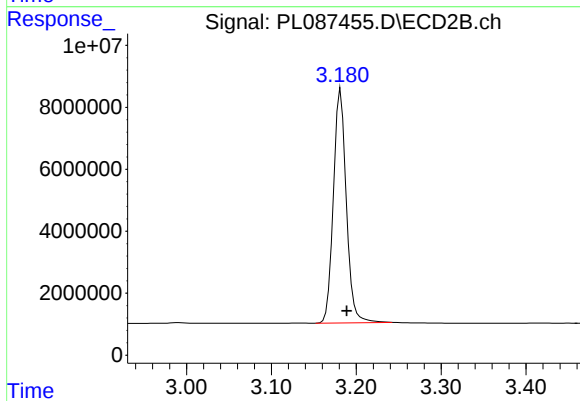
#1 Tetrachloro-m-xylene

R.T.: 2.678 min
Delta R.T.: -0.006 min
Response: 20197727
Conc: 12.00 ng/ml



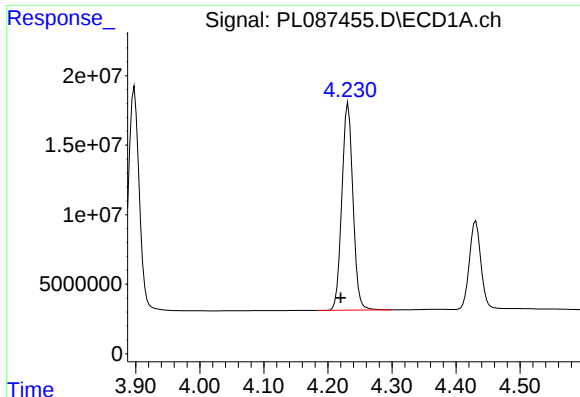
#2 alpha-BHC

R.T.: 3.898 min
Delta R.T.: 0.013 min
Response: 190246682
Conc: 35.14 ng/ml



#2 alpha-BHC

R.T.: 3.180 min
Delta R.T.: -0.009 min
Response: 80002734
Conc: 32.55 ng/ml m



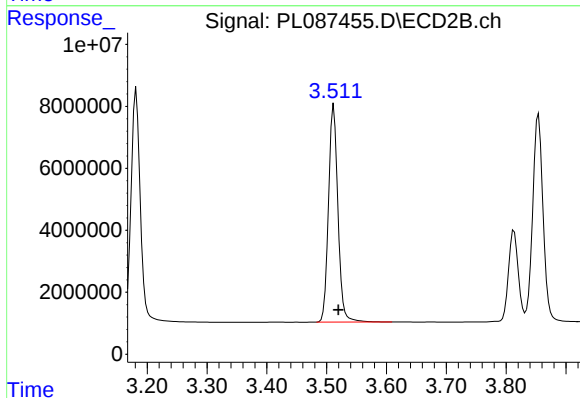
#3 gamma-BHC (Lindane)

R.T.: 4.232 min
Delta R.T.: 0.012 min
Response: 179247058
Conc: 34.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

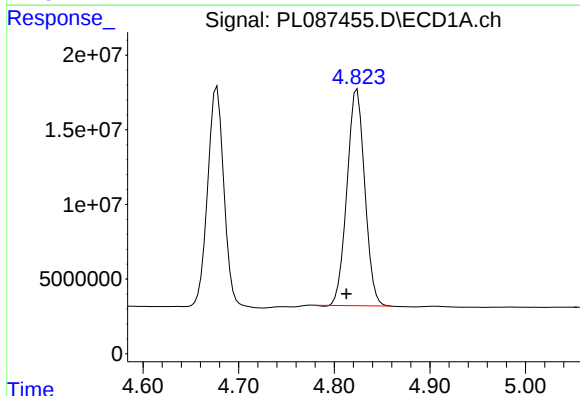
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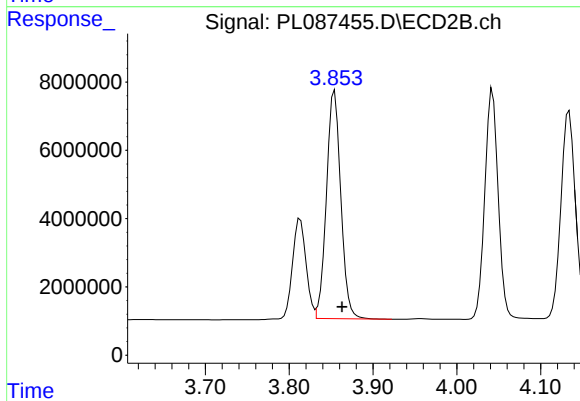
#3 gamma-BHC (Lindane)

R.T.: 3.512 min
Delta R.T.: -0.008 min
Response: 76605752
Conc: 31.62 ng/ml



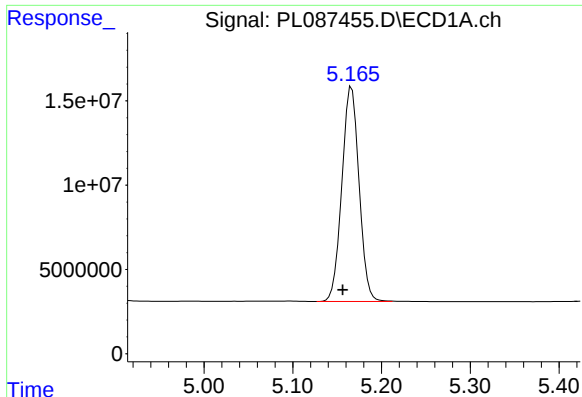
#4 Heptachlor

R.T.: 4.824 min
Delta R.T.: 0.011 min
Response: 188305119
Conc: 35.35 ng/ml



#4 Heptachlor

R.T.: 3.854 min
Delta R.T.: -0.009 min
Response: 79534435
Conc: 33.27 ng/ml



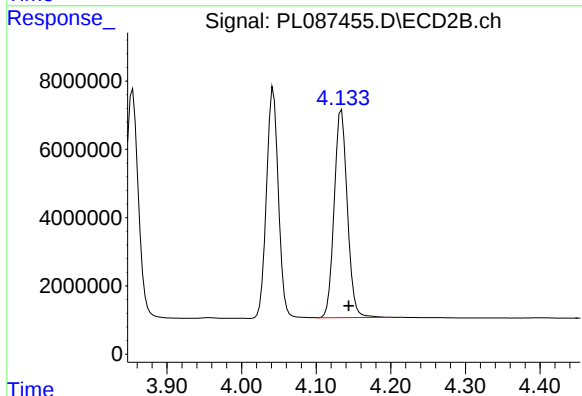
#5 Aldrin

R.T.: 5.166 min
Delta R.T.: 0.010 min
Response: 171571062
Conc: 32.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

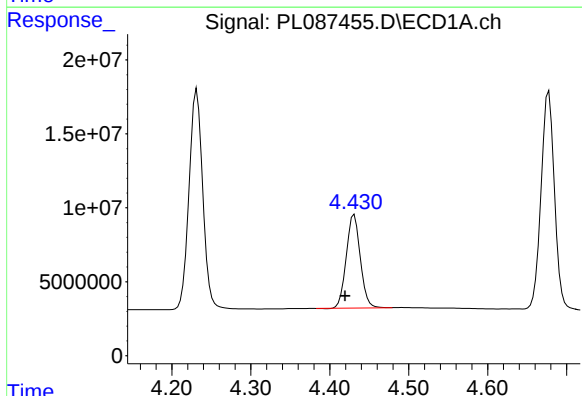
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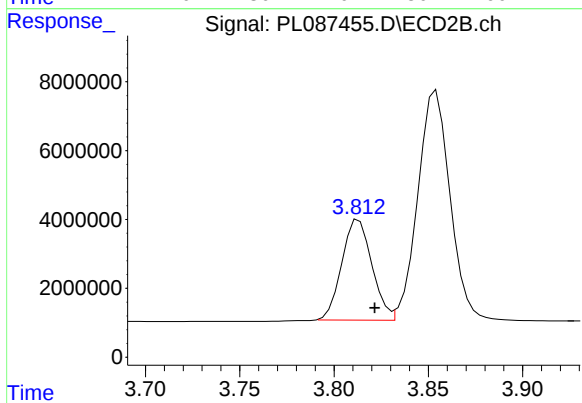
#5 Aldrin

R.T.: 4.134 min
Delta R.T.: -0.010 min
Response: 74747735
Conc: 31.17 ng/ml



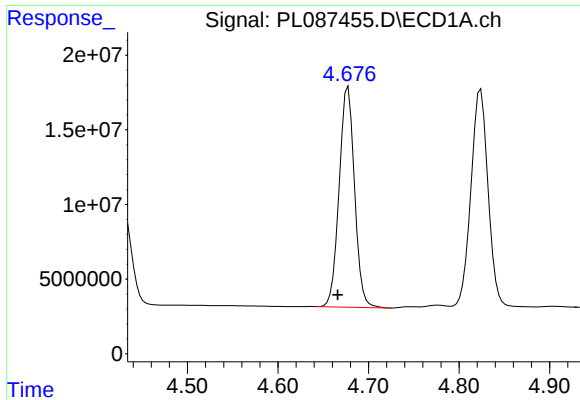
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.011 min
Response: 78247796
Conc: 34.07 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.008 min
Response: 32417355
Conc: 31.14 ng/ml



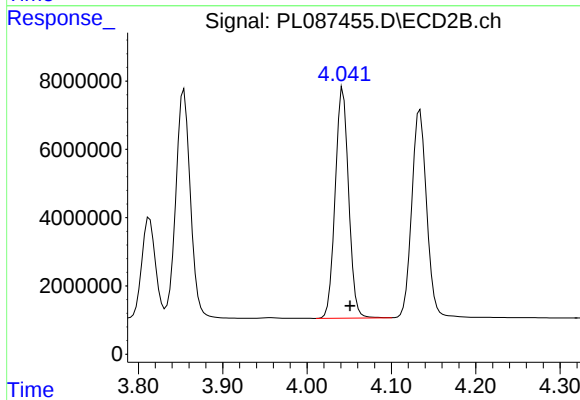
#7 delta-BHC

R.T.: 4.677 min
Delta R.T.: 0.011 min
Response: 174214589
Conc: 33.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

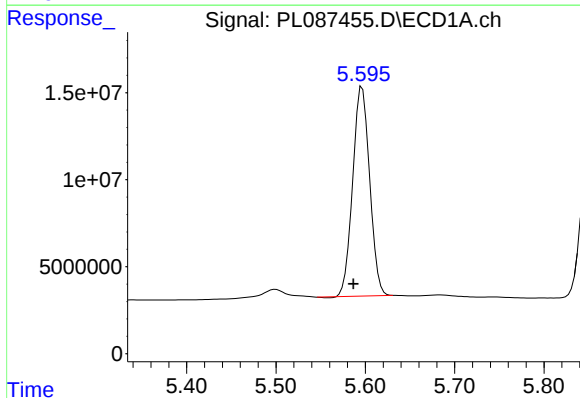
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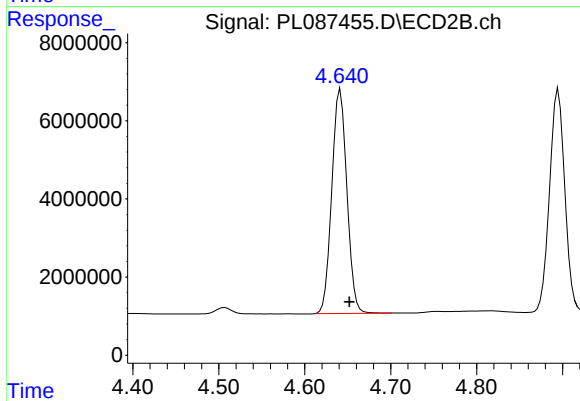
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.009 min
Response: 74675550
Conc: 30.53 ng/ml



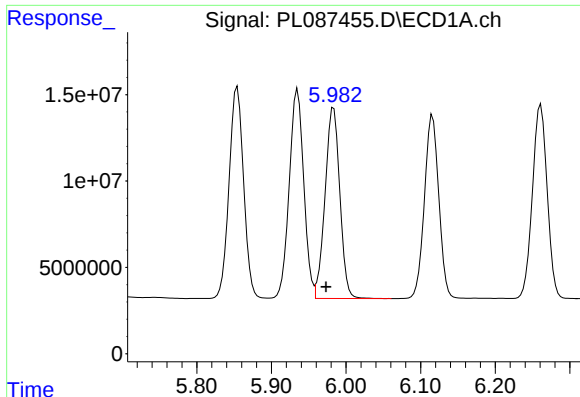
#8 Heptachlor epoxide

R.T.: 5.597 min
Delta R.T.: 0.010 min
Response: 158862878
Conc: 33.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.011 min
Response: 69891263
Conc: 31.41 ng/ml



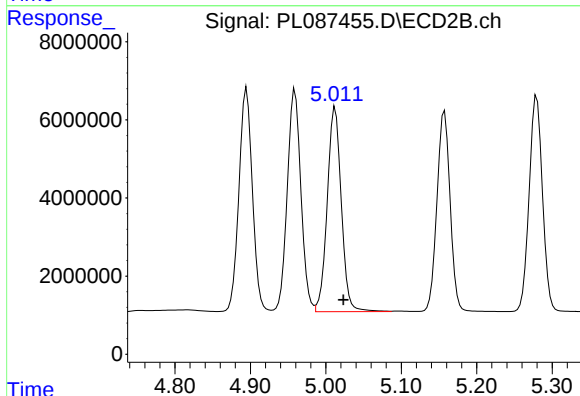
#9 Endosulfan I

R.T.: 5.983 min
Delta R.T.: 0.010 min
Response: 152176645
Conc: 34.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

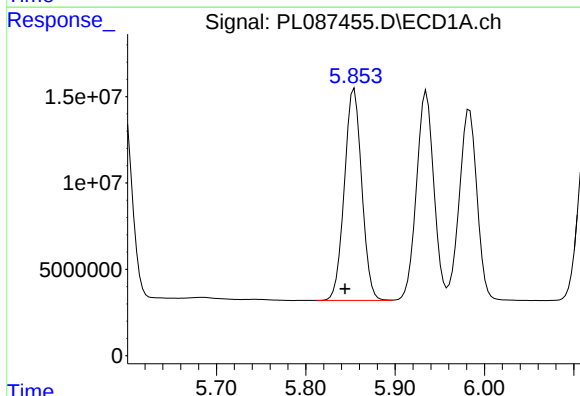
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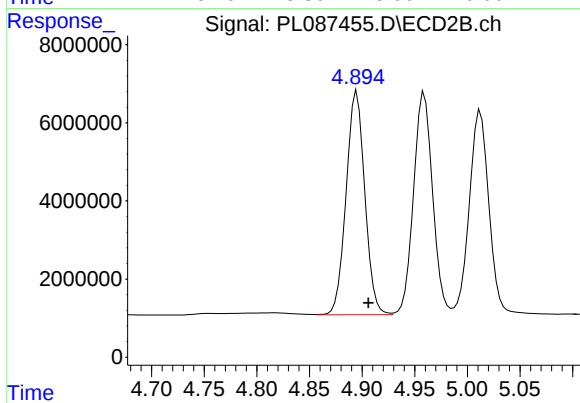
#9 Endosulfan I

R.T.: 5.012 min
Delta R.T.: -0.011 min
Response: 67874156
Conc: 31.41 ng/ml



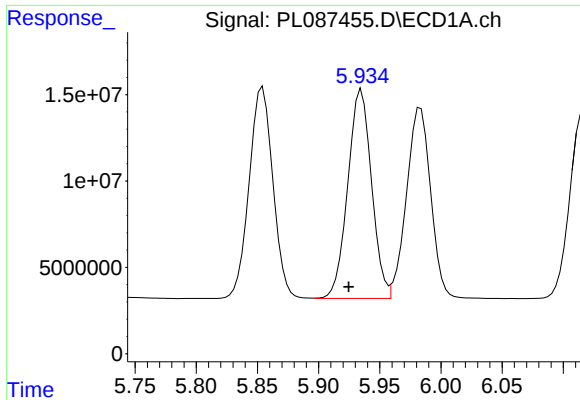
#10 gamma-Chlordane

R.T.: 5.854 min
Delta R.T.: 0.010 min
Response: 165635947
Conc: 34.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.895 min
Delta R.T.: -0.011 min
Response: 71039805
Conc: 31.06 ng/ml



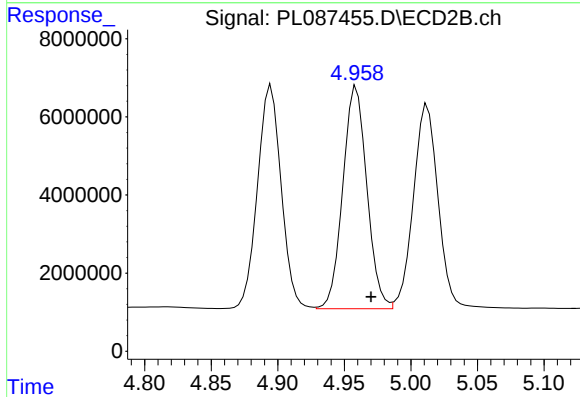
#11 alpha-Chlordane

R.T.: 5.935 min
Delta R.T.: 0.011 min
Response: 163732533
Conc: 34.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

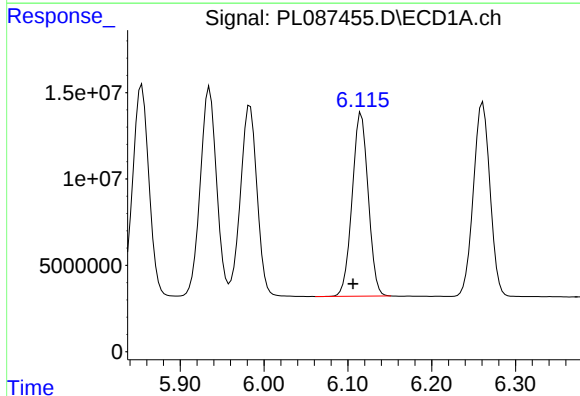
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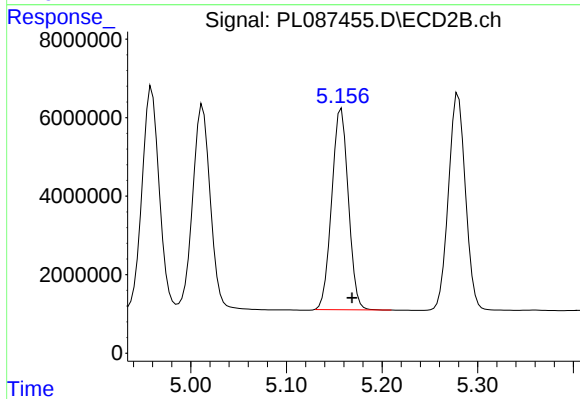
#11 alpha-Chlordane

R.T.: 4.959 min
Delta R.T.: -0.011 min
Response: 71717056
Conc: 31.07 ng/ml



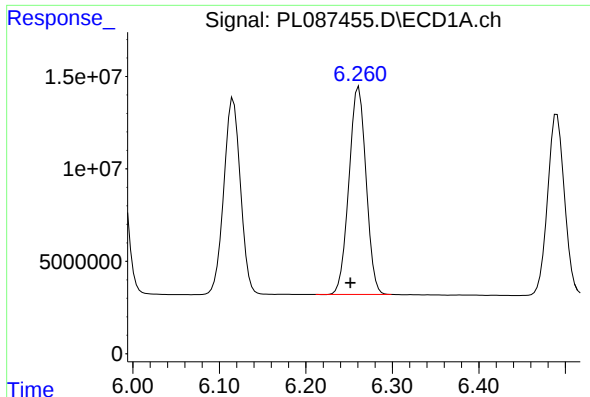
#12 4,4'-DDE

R.T.: 6.116 min
Delta R.T.: 0.010 min
Response: 141493710
Conc: 34.14 ng/ml



#12 4,4'-DDE

R.T.: 5.157 min
Delta R.T.: -0.011 min
Response: 61696107
Conc: 31.07 ng/ml



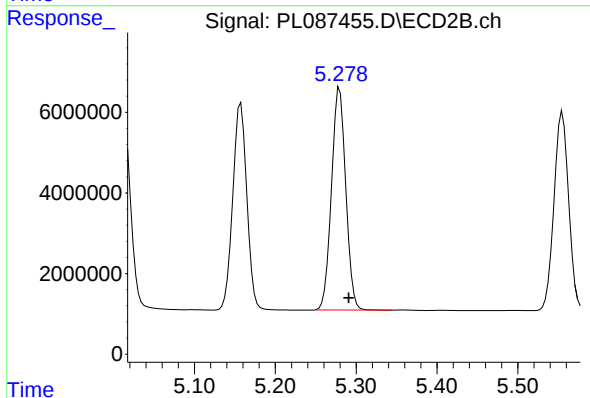
#13 Dieldrin

R.T.: 6.261 min
Delta R.T.: 0.010 min
Response: 154208556
Conc: 33.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

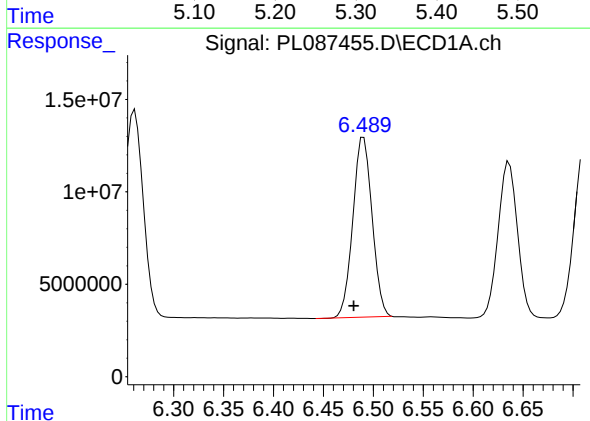
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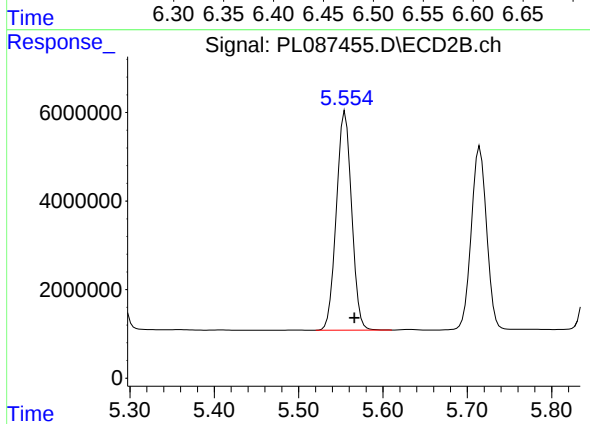
#13 Dieldrin

R.T.: 5.280 min
Delta R.T.: -0.011 min
Response: 67723609
Conc: 30.40 ng/ml



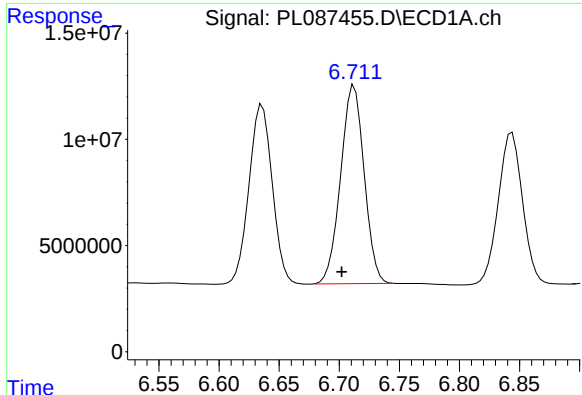
#14 Endrin

R.T.: 6.490 min
Delta R.T.: 0.010 min
Response: 130341957
Conc: 33.88 ng/ml



#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.011 min
Response: 62179204
Conc: 31.16 ng/ml



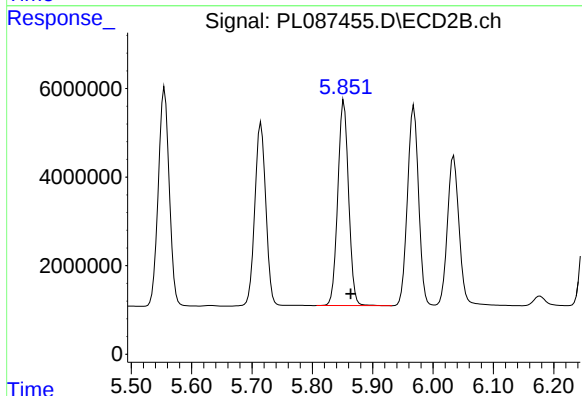
#15 Endosulfan II

R.T.: 6.711 min
Delta R.T.: 0.009 min
Response: 127286514
Conc: 31.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

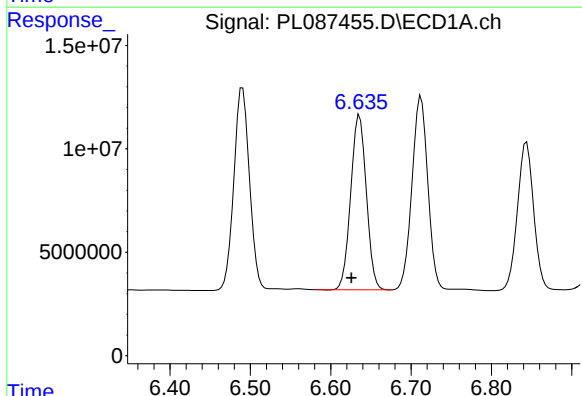
Manual Integrations
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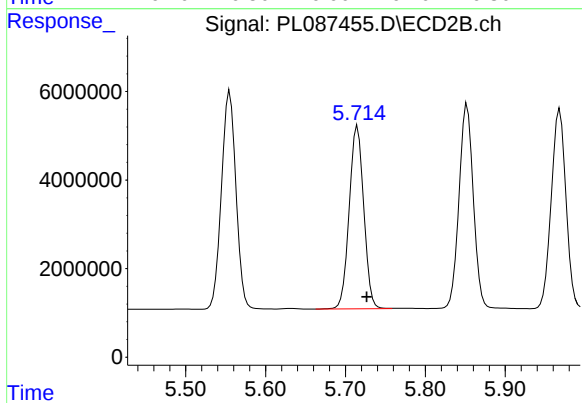
#15 Endosulfan II

R.T.: 5.852 min
Delta R.T.: -0.011 min
Response: 57646619
Conc: 29.61 ng/ml



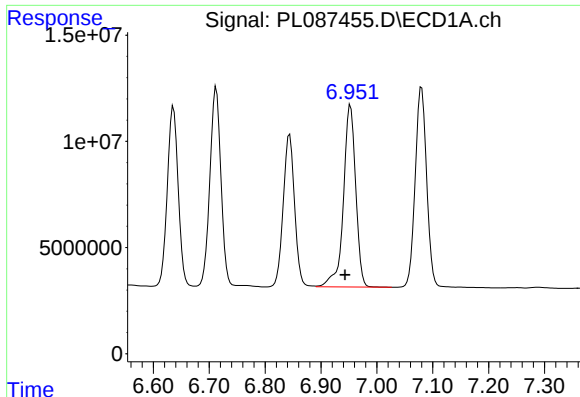
#16 4,4'-DDD

R.T.: 6.636 min
Delta R.T.: 0.010 min
Response: 114059872
Conc: 34.51 ng/ml



#16 4,4'-DDD

R.T.: 5.715 min
Delta R.T.: -0.012 min
Response: 52305312
Conc: 31.59 ng/ml



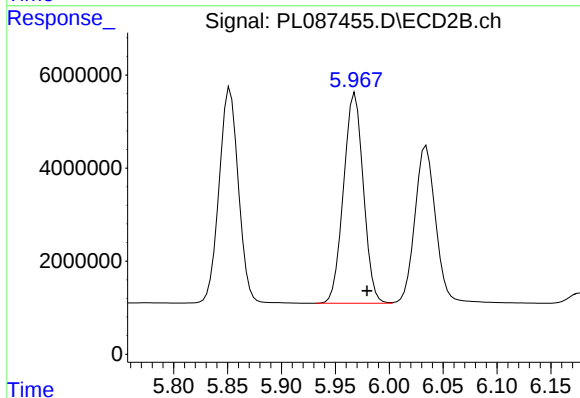
#17 4,4'-DDT

R.T.: 6.953 min
Delta R.T.: 0.009 min
Response: 130778881
Conc: 34.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

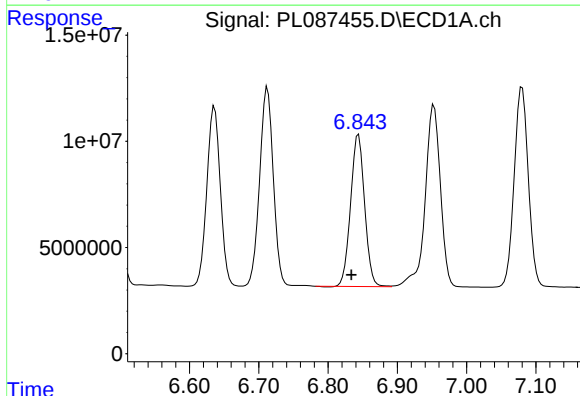
Manual Integrations
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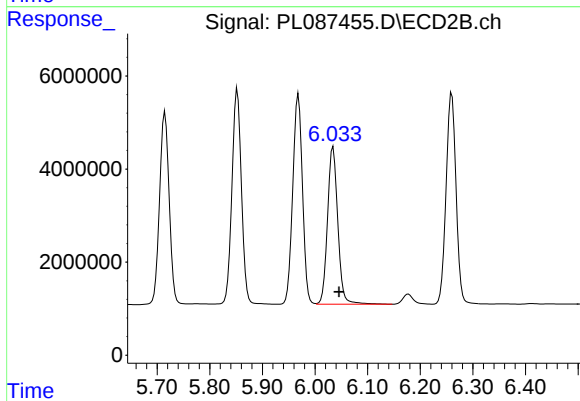
#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: -0.011 min
Response: 57763025
Conc: 31.32 ng/ml



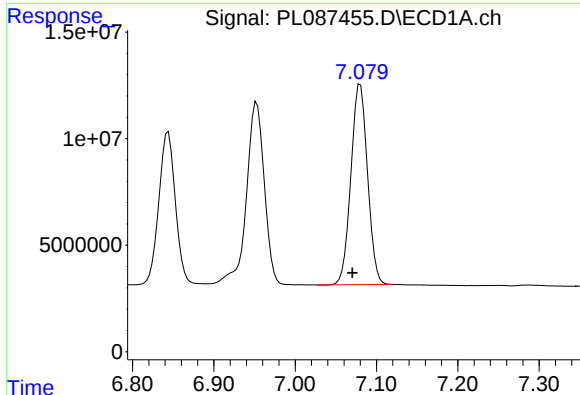
#18 Endrin aldehyde

R.T.: 6.844 min
Delta R.T.: 0.011 min
Response: 100338097
Conc: 34.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.034 min
Delta R.T.: -0.011 min
Response: 45782320
Conc: 31.19 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.080 min
Delta R.T.: 0.010 min
Response: 133215462
Conc: 33.92 ng/ml

Instrument :

ECD_L

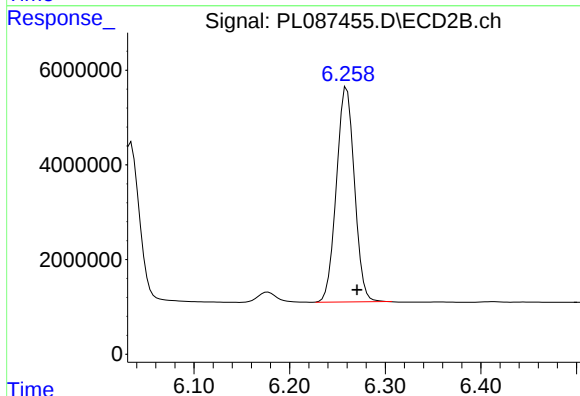
ClientSampleId :

PB158043BS

Manual Integrations

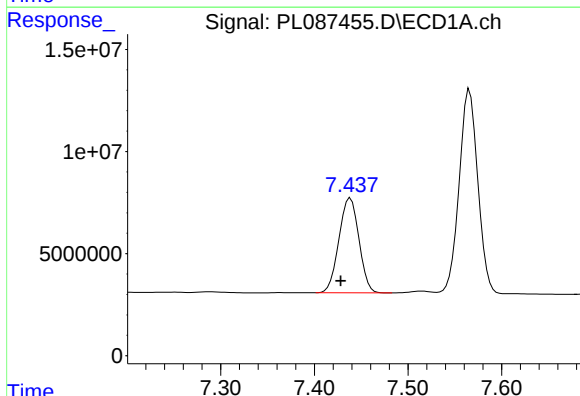
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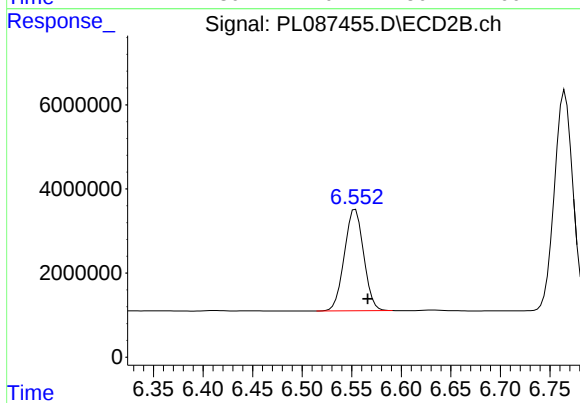
#19 Endosulfan Sulfate

R.T.: 6.258 min
Delta R.T.: -0.012 min
Response: 59456777
Conc: 31.56 ng/ml m



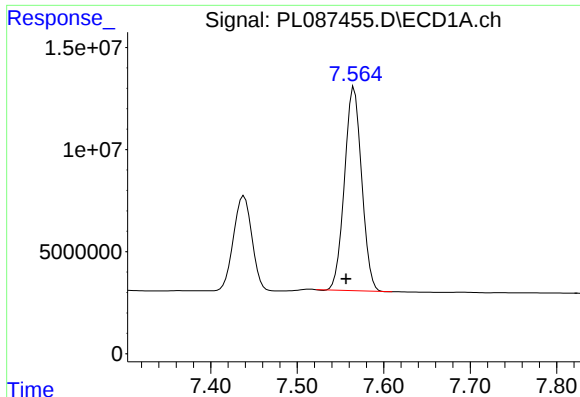
#20 Methoxychlor

R.T.: 7.439 min
Delta R.T.: 0.010 min
Response: 69057913
Conc: 35.42 ng/ml



#20 Methoxychlor

R.T.: 6.552 min
Delta R.T.: -0.014 min
Response: 32697884
Conc: 32.01 ng/ml m



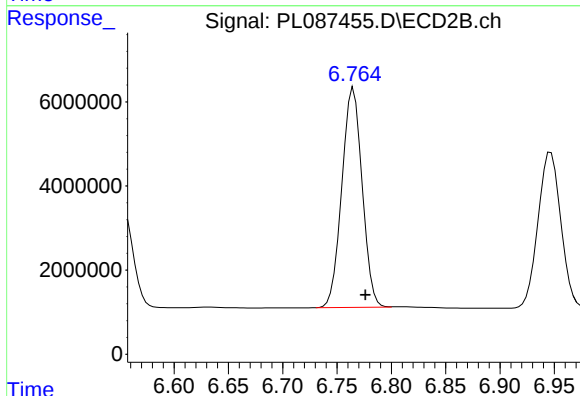
#21 Endrin ketone

R.T.: 7.566 min
Delta R.T.: 0.009 min
Response: 136512170
Conc: 33.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

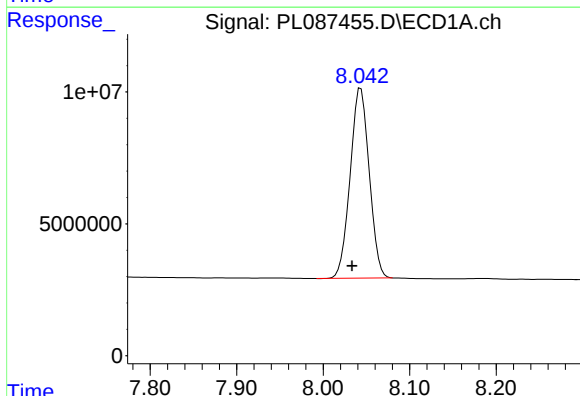
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/26/2023
Supervised By :Ankita Jodhani 12/26/2023



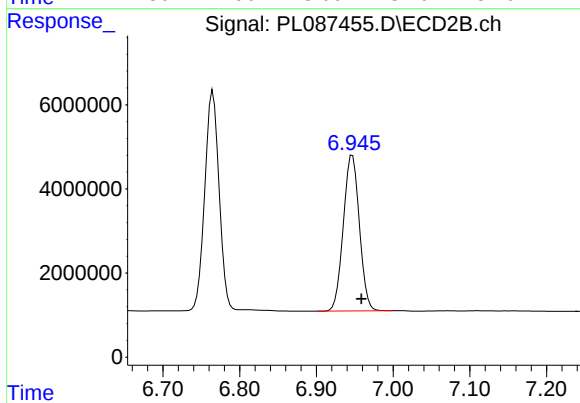
#21 Endrin ketone

R.T.: 6.764 min
Delta R.T.: -0.012 min
Response: 67954149
Conc: 31.92 ng/ml m



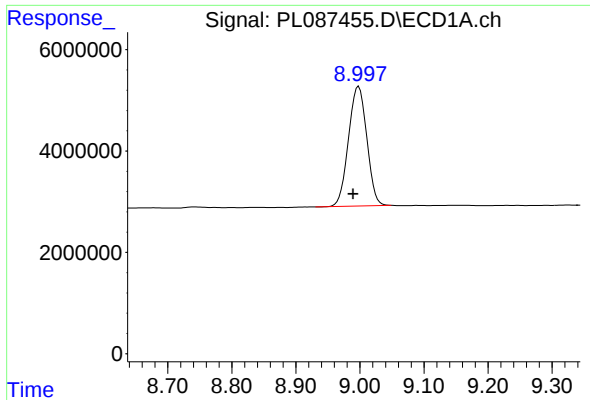
#22 Mirex

R.T.: 8.043 min
Delta R.T.: 0.010 min
Response: 110215961
Conc: 32.72 ng/ml



#22 Mirex

R.T.: 6.947 min
Delta R.T.: -0.012 min
Response: 54086801
Conc: 30.40 ng/ml



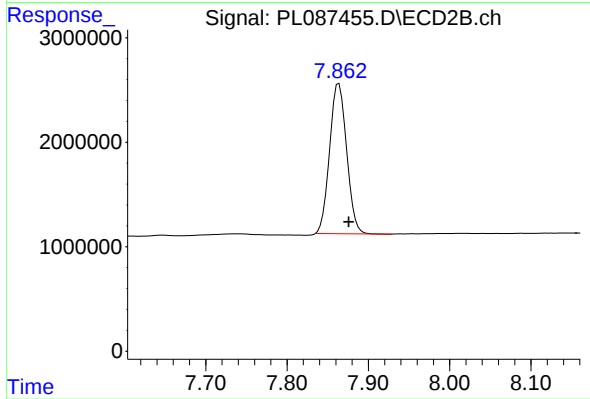
#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: 0.009 min
Response: 46846827
Conc: 13.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158043BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.864 min
Delta R.T.: -0.012 min
Response: 20977754
Conc: 12.42 ng/ml