

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050223\
 Data File : PL082434.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 May 2023 13:51
 Operator : AR\AJ
 Sample : 02569-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ETGI-339MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/04/2023
 Supervised By : Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 03 01:47:28 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...	3.323	2.646	50134051	38698203	18.768	16.704
28) SA Decachlor...	8.745	7.759	31702868	33348693	16.606	14.611
Target Compounds						
2) A alpha-BHC	3.773	3.144	184.1E6	140.8E6	46.256	41.366
3) MA gamma-BHC...	4.100	3.471	176.7E6	144.2E6	47.263m	44.860
4) MA Heptachlor	4.679	3.801	167.2E6	134.8E6	45.762	39.366m
5) MB Aldrin	5.016	4.079	156.0E6	141.5E6	47.308	44.909
6) B beta-BHC	4.304	3.769	76628376	69720767	44.930	51.100m
7) B delta-BHC	4.545	3.996	136.9E6	107.6E6	38.058	35.077m
8) B Heptachlo...	5.443	4.581	134.7E6	119.9E6	44.175	41.634
9) A Endosulfan I	5.824	4.949	124.0E6	105.8E6	44.712	39.651
10) B gamma-Chl...	5.698	4.830	141.5E6	119.5E6	47.064	41.171
11) B alpha-Chl...	5.776	4.893	137.0E6	119.0E6	45.908	41.005
12) B 4,4'-DDE	5.954	5.084	111.4E6	103.1E6	43.840	44.825
13) MA Dieldrin	6.098	5.213	129.8E6	117.6E6	47.062	43.552
14) MA Endrin	6.326	5.486	110.0E6	102.7E6	45.388	42.007m
15) B Endosulfa...	6.549	5.784	101.2E6	108.0E6	41.564	47.907
16) A 4,4'-DDD	6.470	5.638	97673074	81990982	48.181	43.836
17) MA 4,4'-DDT	6.781	5.886	101.7E6	92266345	44.438	43.674
18) B Endrin al...	6.677	5.964	90256318	82725704	47.902m	44.206
19) B Endosulfa...	6.913	6.187	103.9E6	95830899	43.820	40.705
20) A Methoxychlor	7.261	6.466	56386554	55597686	46.206m	45.879
21) B Endrin ke...	7.393	6.692	117.2E6	108.0E6	48.948	42.550
22) Mirex	7.857	6.864	86127520	89281776	44.025	38.746

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050223\
Data File : PL082434.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 May 2023 13:51
Operator : AR\AJ
Sample : 02569-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

ETGI-339MSD

Manual Integrations

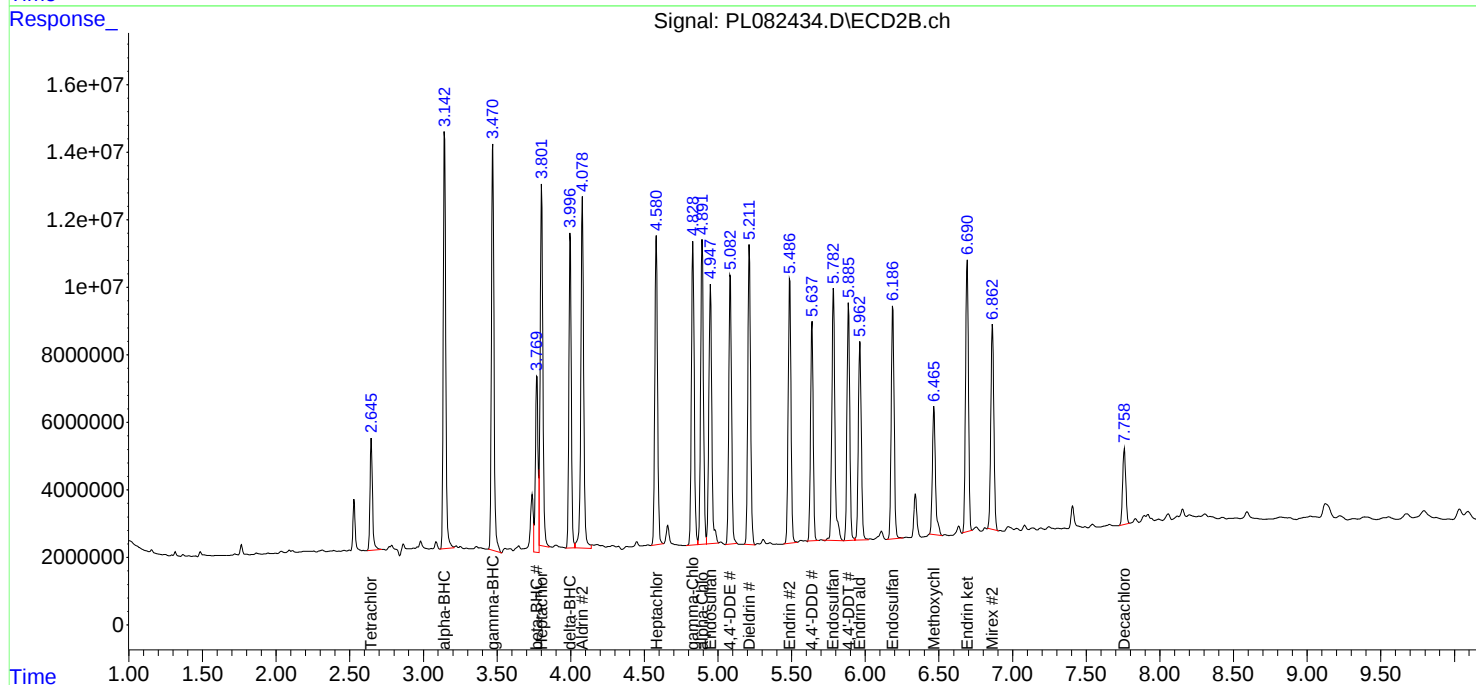
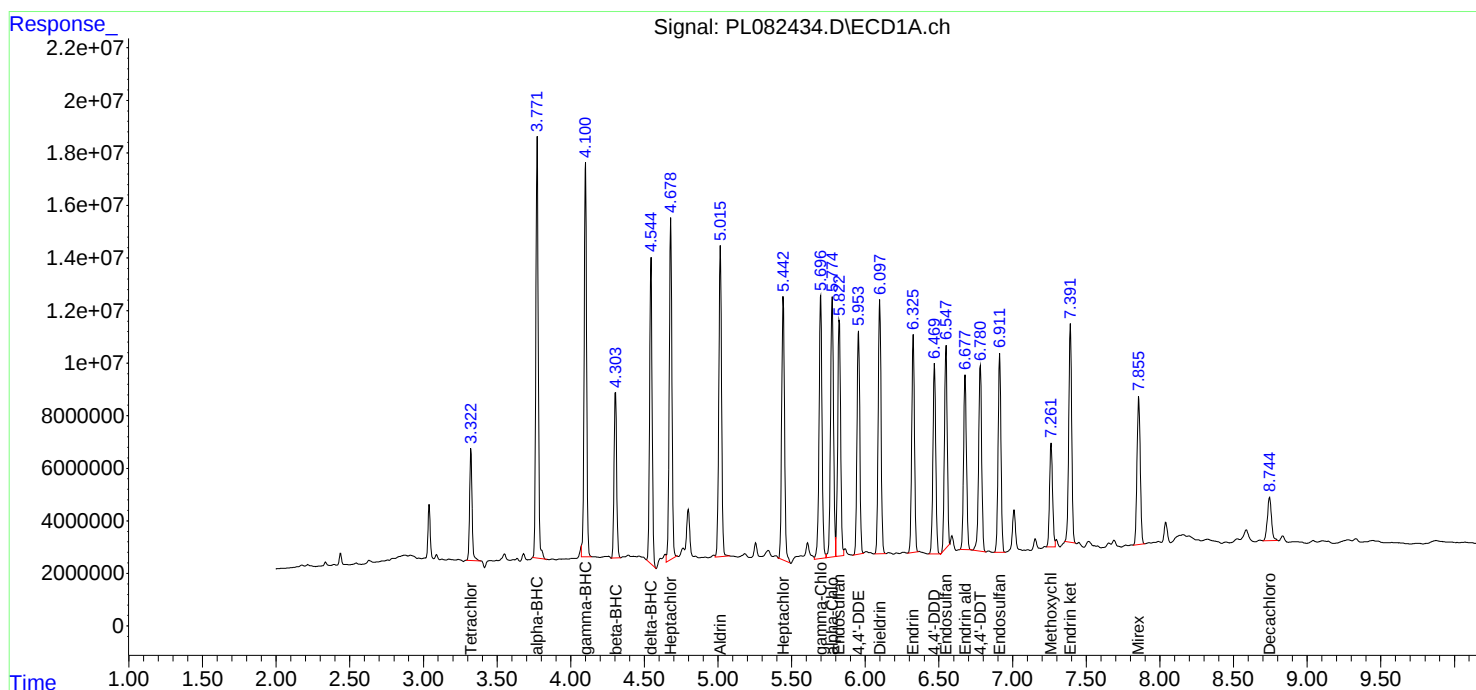
APPROVED

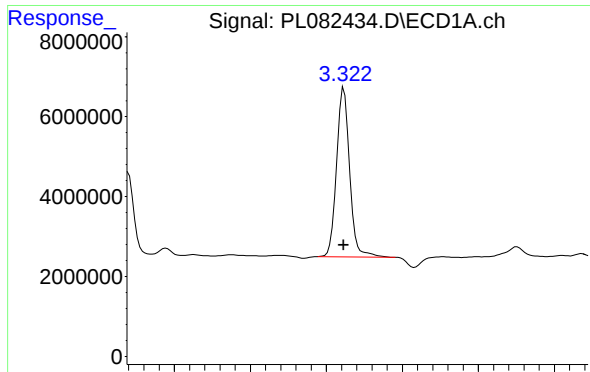
Reviewed By :Abdul Mirza 05/04/2023

Supervised By :Ankita Jodhani 05/04/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 03 01:47:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 2023
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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





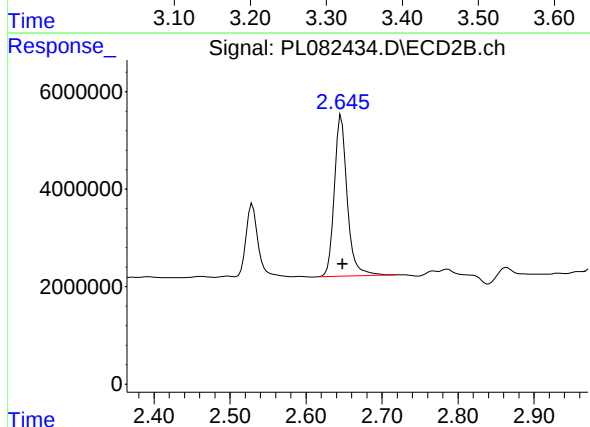
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 50134051
Conc: 18.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MSD

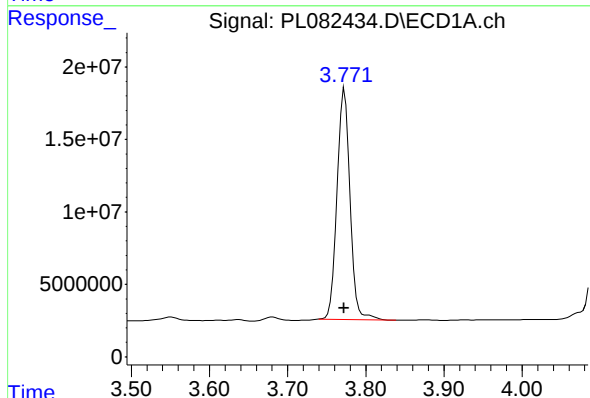
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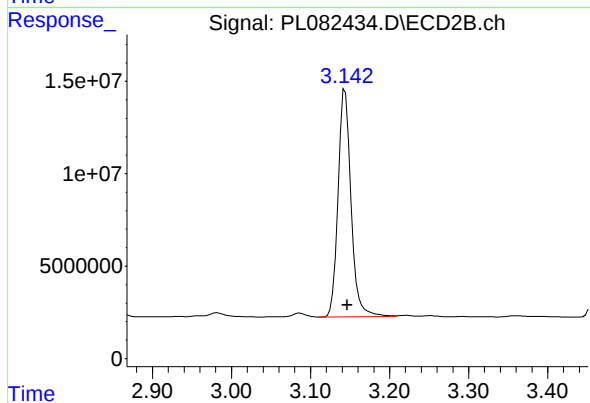
#1 Tetrachloro-m-xylene

R.T.: 2.646 min
Delta R.T.: -0.002 min
Response: 38698203
Conc: 16.70 ng/ml



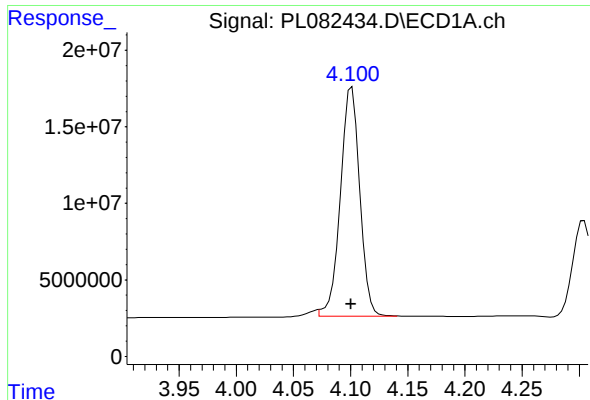
#2 alpha-BHC

R.T.: 3.773 min
Delta R.T.: 0.000 min
Response: 184111428
Conc: 46.26 ng/ml



#2 alpha-BHC

R.T.: 3.144 min
Delta R.T.: -0.002 min
Response: 140788420
Conc: 41.37 ng/ml



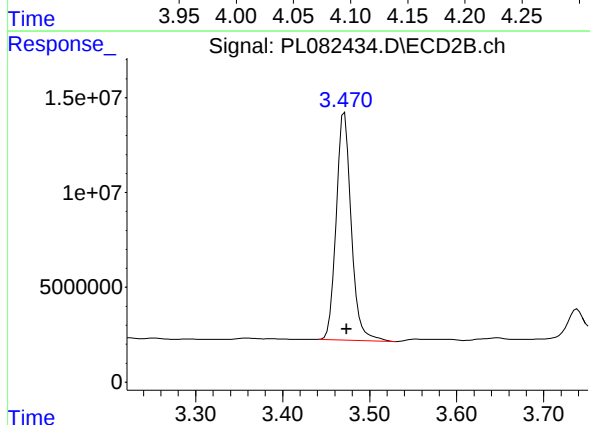
#3 gamma-BHC (Lindane)

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 176714510
Conc: 47.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MSD

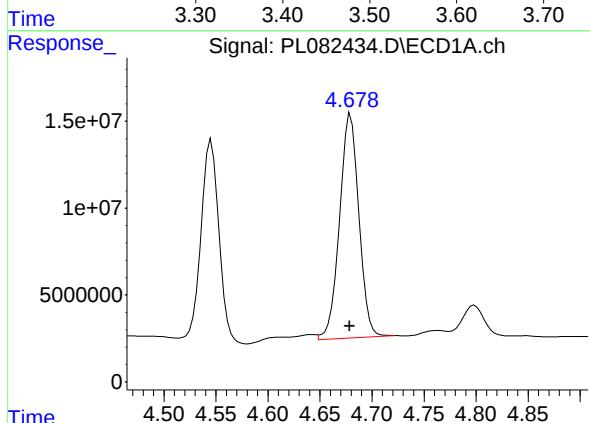
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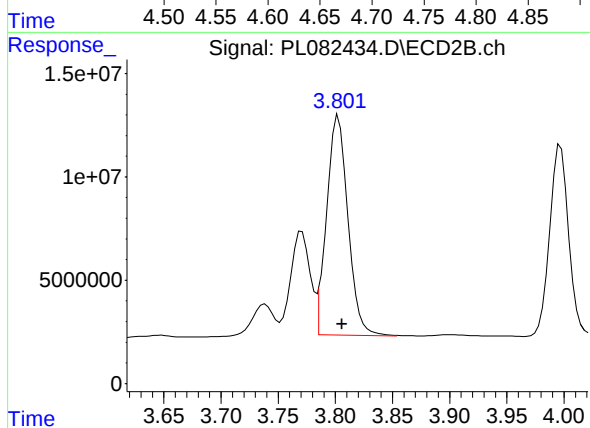
#3 gamma-BHC (Lindane)

R.T.: 3.471 min
Delta R.T.: -0.002 min
Response: 144238345
Conc: 44.86 ng/ml



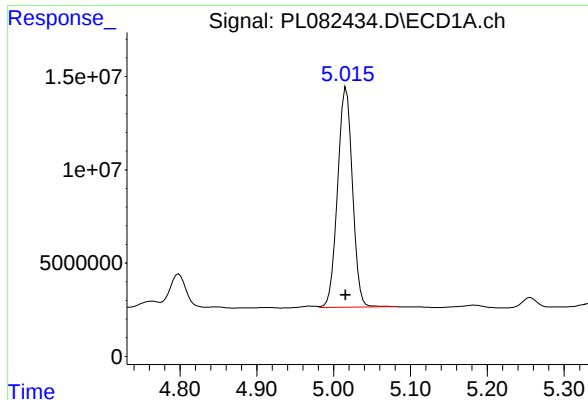
#4 Heptachlor

R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 167210435
Conc: 45.76 ng/ml



#4 Heptachlor

R.T.: 3.801 min
Delta R.T.: -0.005 min
Response: 134758695
Conc: 39.37 ng/ml m



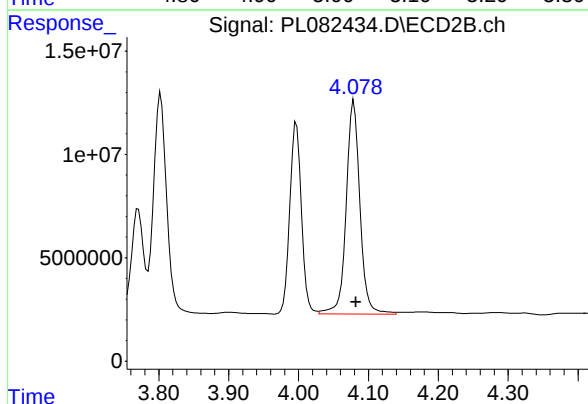
#5 Aldrin

R.T.: 5.016 min
Delta R.T.: 0.000 min
Response: 156002380
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MSD

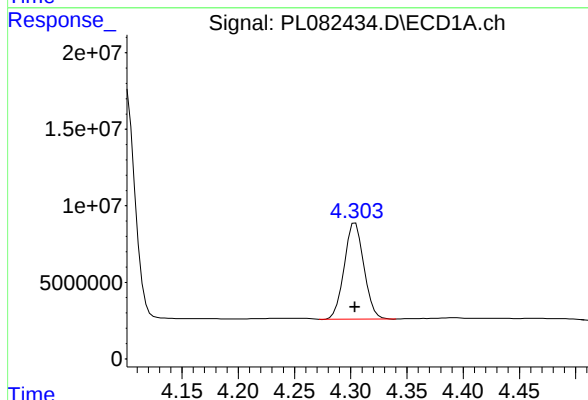
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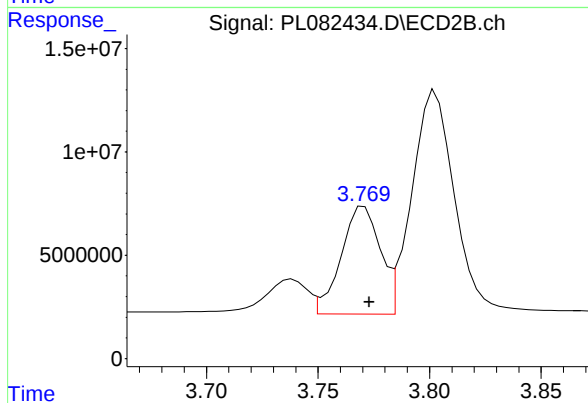
#5 Aldrin

R.T.: 4.079 min
Delta R.T.: -0.003 min
Response: 141457026
Conc: 44.91 ng/ml



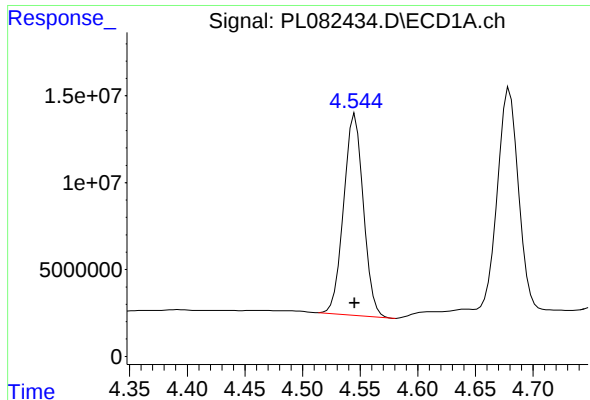
#6 beta-BHC

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 76628376
Conc: 44.93 ng/ml



#6 beta-BHC

R.T.: 3.769 min
Delta R.T.: -0.004 min
Response: 69720767
Conc: 51.10 ng/ml m



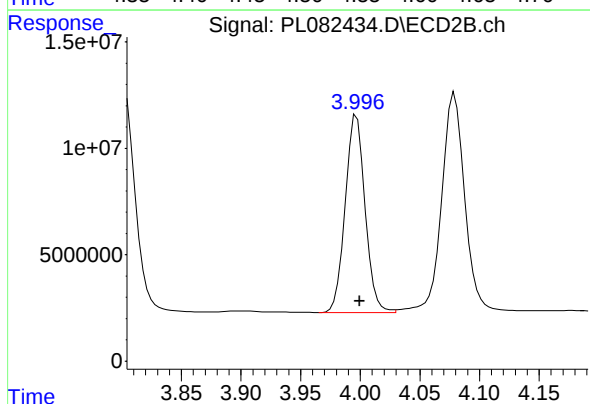
#7 delta-BHC

R.T.: 4.545 min
Delta R.T.: 0.000 min
Response: 136923976
Conc: 38.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MSD

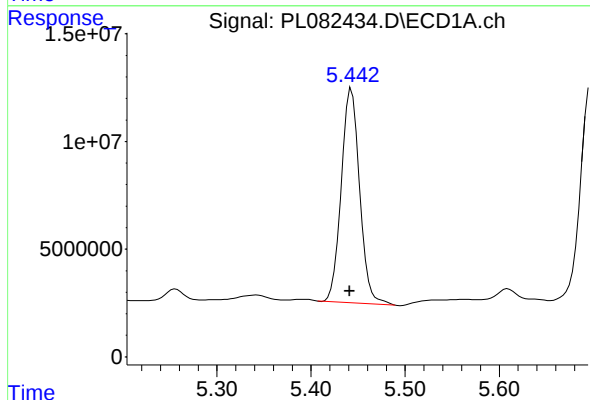
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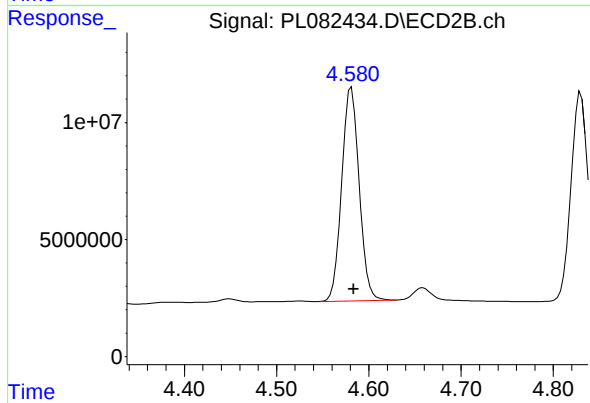
#7 delta-BHC

R.T.: 3.996 min
Delta R.T.: -0.004 min
Response: 107596156
Conc: 35.08 ng/ml



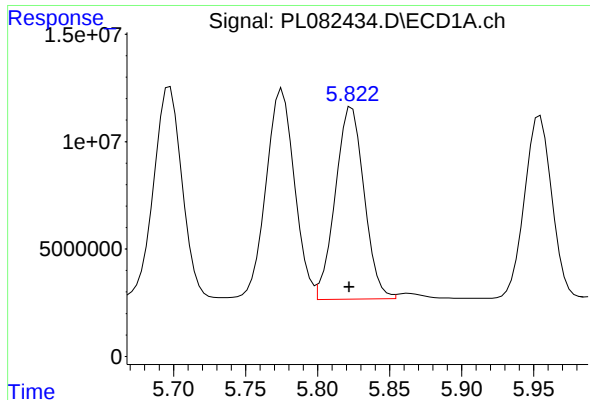
#8 Heptachlor epoxide

R.T.: 5.443 min
Delta R.T.: 0.002 min
Response: 134749872
Conc: 44.18 ng/ml



#8 Heptachlor epoxide

R.T.: 4.581 min
Delta R.T.: -0.002 min
Response: 119941876
Conc: 41.63 ng/ml



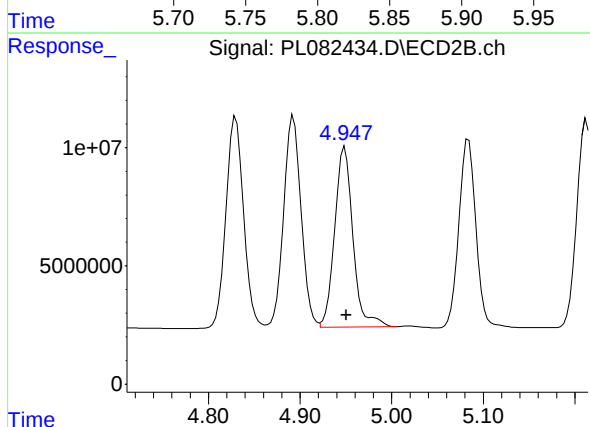
#9 Endosulfan I

R.T.: 5.824 min
Delta R.T.: 0.002 min
Response: 123975386
Conc: 44.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MSD

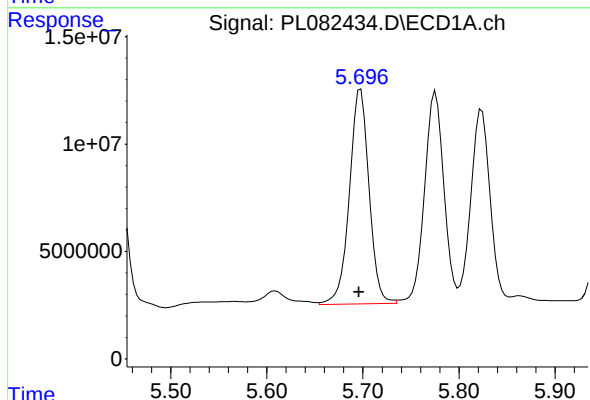
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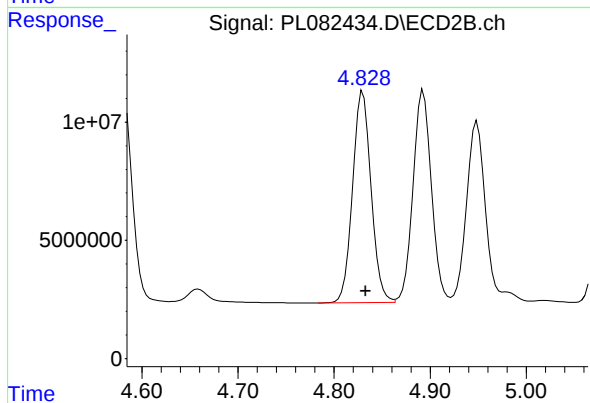
#9 Endosulfan I

R.T.: 4.949 min
Delta R.T.: -0.002 min
Response: 105844777
Conc: 39.65 ng/ml



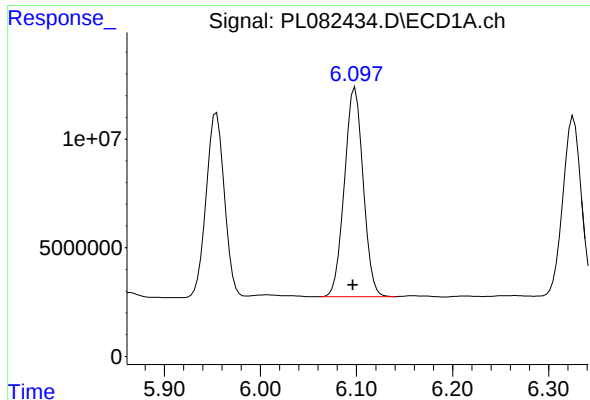
#10 gamma-Chlordane

R.T.: 5.698 min
Delta R.T.: 0.001 min
Response: 141515182
Conc: 47.06 ng/ml



#10 gamma-Chlordane

R.T.: 4.830 min
Delta R.T.: -0.003 min
Response: 119470710
Conc: 41.17 ng/ml



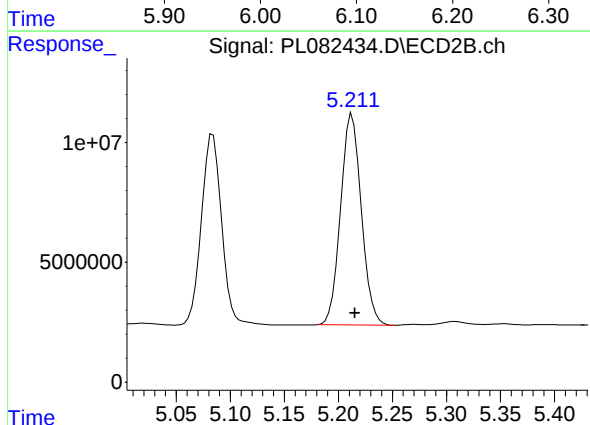
#13 Dieldrin

R.T.: 6.098 min
Delta R.T.: 0.002 min
Response: 129849860
Conc: 47.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MSD

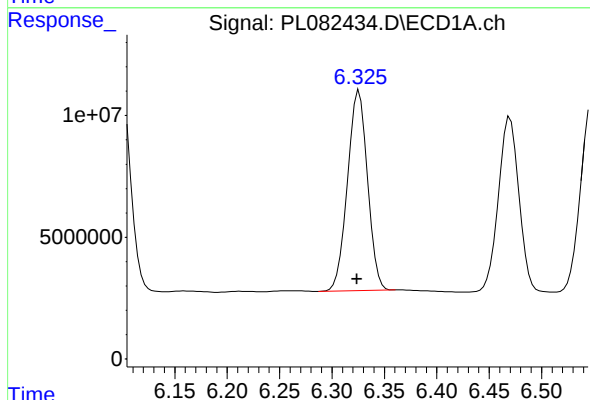
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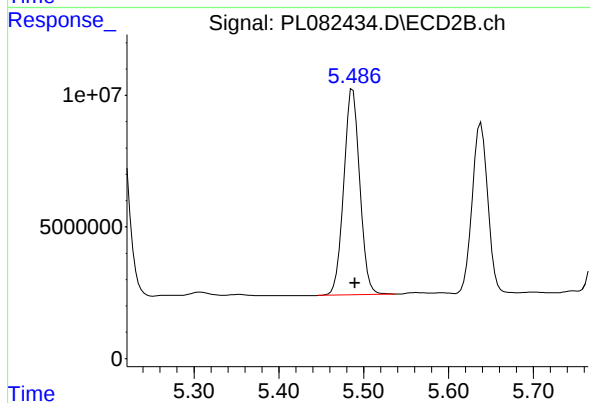
#13 Dieldrin

R.T.: 5.213 min
Delta R.T.: -0.003 min
Response: 117606089
Conc: 43.55 ng/ml



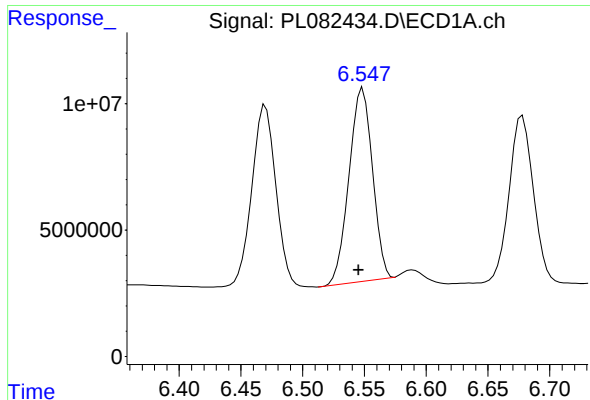
#14 Endrin

R.T.: 6.326 min
Delta R.T.: 0.002 min
Response: 110044770
Conc: 45.39 ng/ml



#14 Endrin

R.T.: 5.486 min
Delta R.T.: -0.004 min
Response: 102746301
Conc: 42.01 ng/ml m



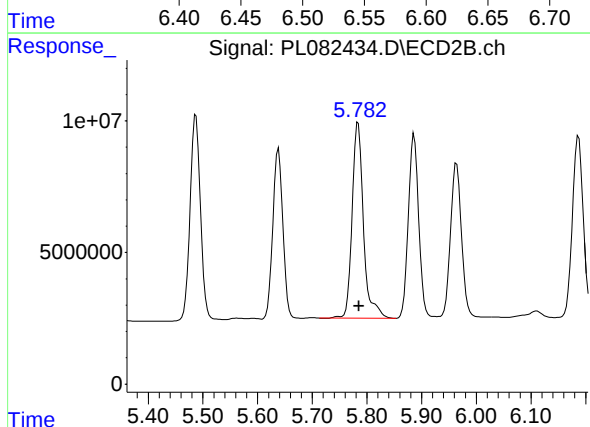
#15 Endosulfan II

R.T.: 6.549 min
Delta R.T.: 0.003 min
Response: 101189935
Conc: 41.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MSD

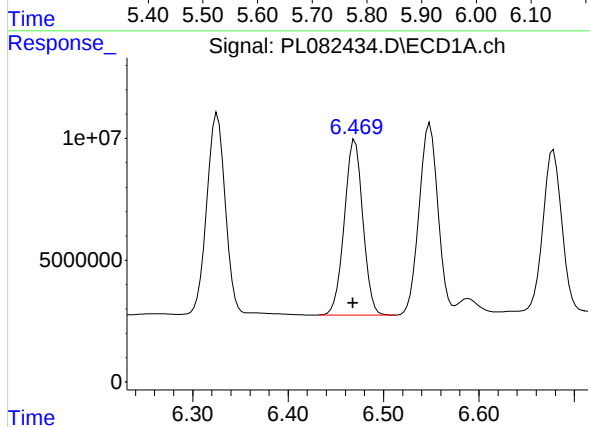
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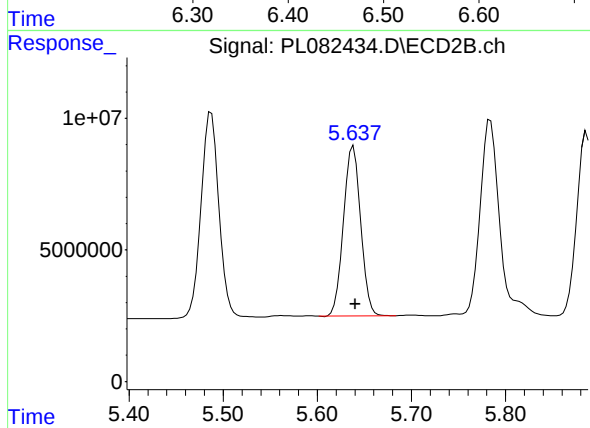
#15 Endosulfan II

R.T.: 5.784 min
Delta R.T.: -0.002 min
Response: 107987669
Conc: 47.91 ng/ml



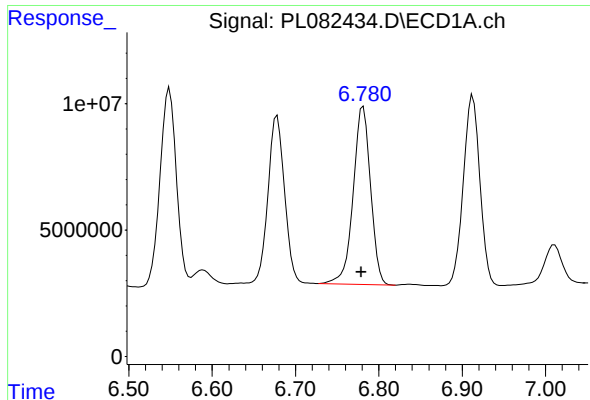
#16 4,4'-DDD

R.T.: 6.470 min
Delta R.T.: 0.002 min
Response: 97673074
Conc: 48.18 ng/ml



#16 4,4'-DDD

R.T.: 5.638 min
Delta R.T.: -0.002 min
Response: 81990982
Conc: 43.84 ng/ml



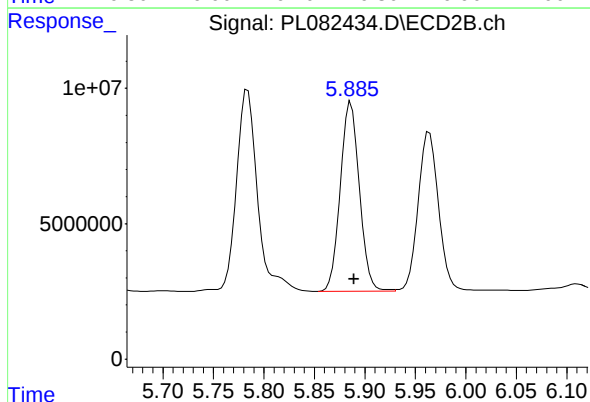
#17 4,4'-DDT

R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 101660725
Conc: 44.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MSD

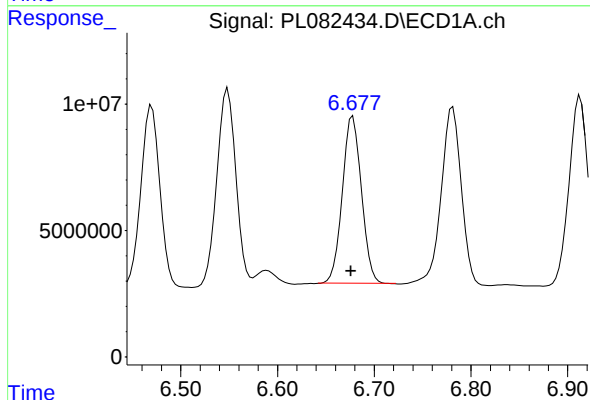
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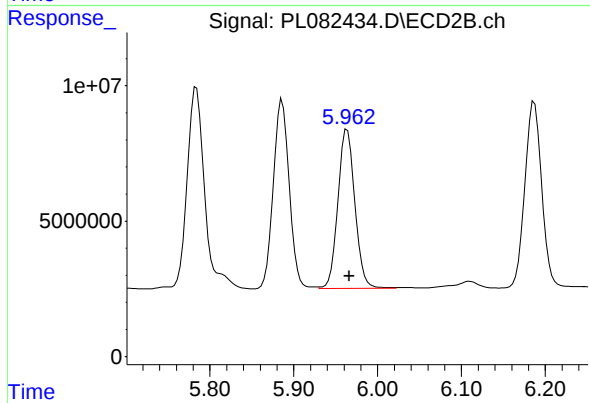
#17 4,4'-DDT

R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 92266345
Conc: 43.67 ng/ml



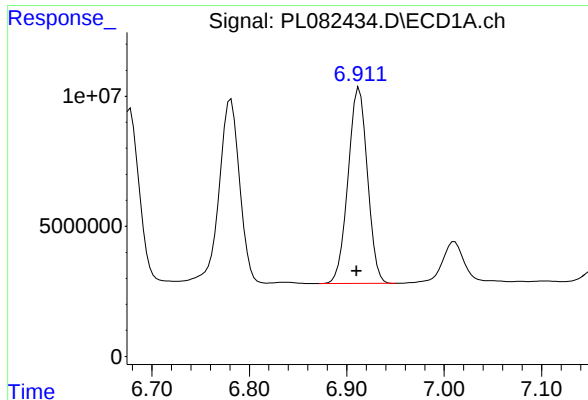
#18 Endrin aldehyde

R.T.: 6.677 min
Delta R.T.: 0.000 min
Response: 90256318
Conc: 47.90 ng/ml m



#18 Endrin aldehyde

R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 82725704
Conc: 44.21 ng/ml



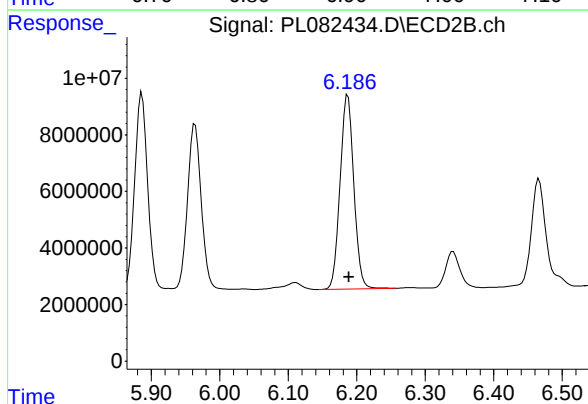
#19 Endosulfan Sulfate

R.T.: 6.913 min
Delta R.T.: 0.003 min
Response: 103919907
Conc: 43.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MSD

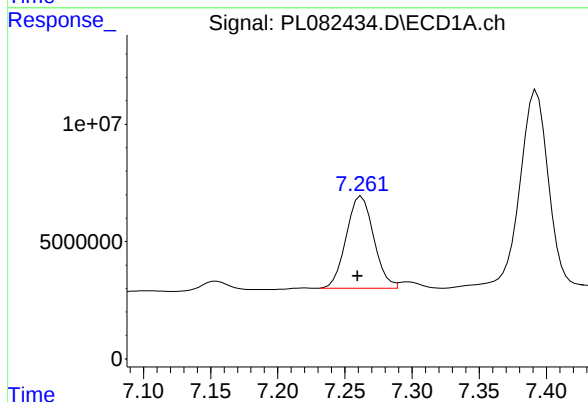
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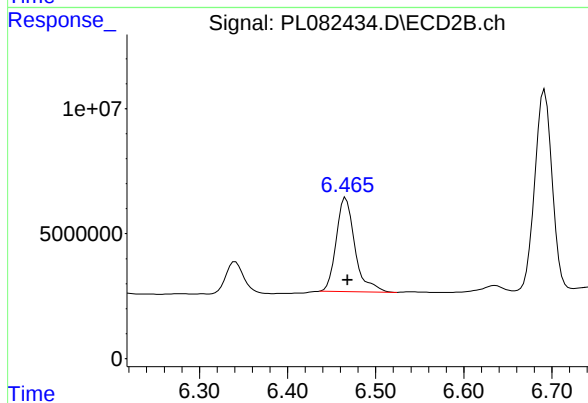
#19 Endosulfan Sulfate

R.T.: 6.187 min
Delta R.T.: -0.002 min
Response: 95830899
Conc: 40.70 ng/ml



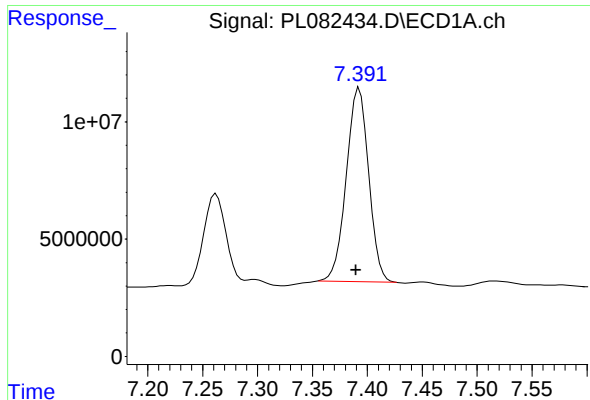
#20 Methoxychlor

R.T.: 7.261 min
Delta R.T.: 0.001 min
Response: 56386554
Conc: 46.21 ng/ml m



#20 Methoxychlor

R.T.: 6.466 min
Delta R.T.: -0.002 min
Response: 55597686
Conc: 45.88 ng/ml



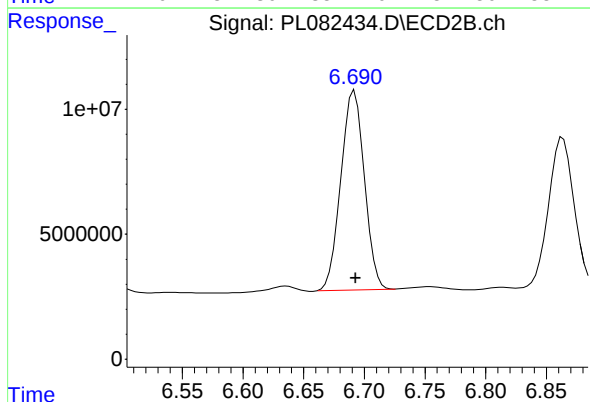
#21 Endrin ketone

R.T.: 7.393 min
Delta R.T.: 0.003 min
Response: 117201056
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MSD

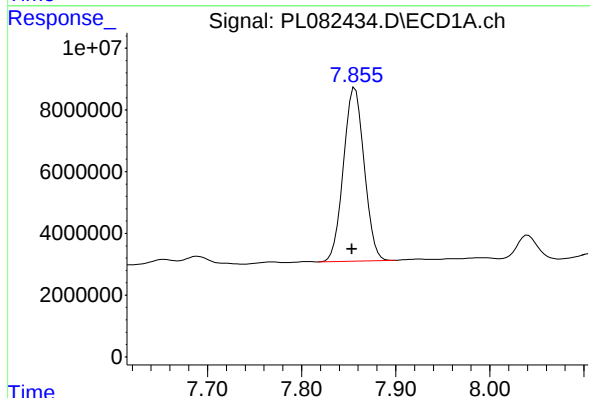
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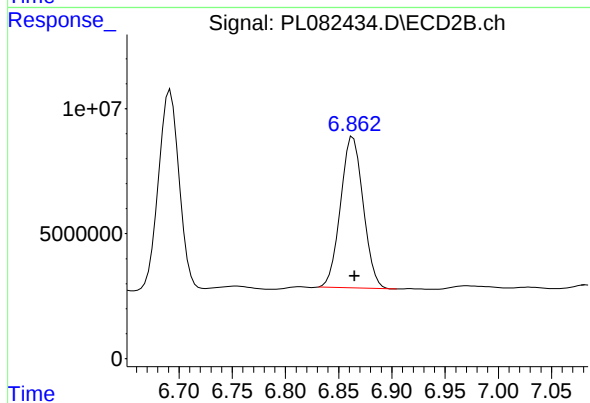
#21 Endrin ketone

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 107999576
Conc: 42.55 ng/ml



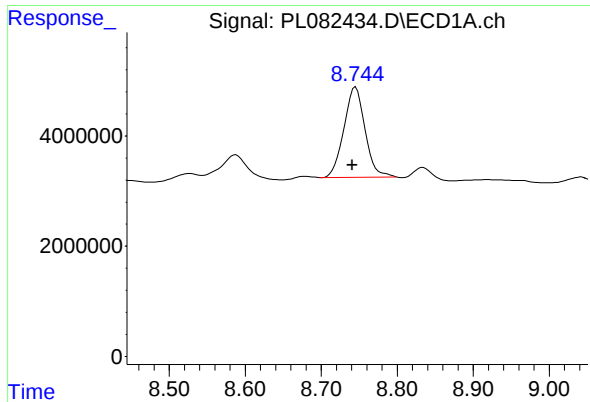
#22 Mirex

R.T.: 7.857 min
Delta R.T.: 0.003 min
Response: 86127520
Conc: 44.03 ng/ml



#22 Mirex

R.T.: 6.864 min
Delta R.T.: -0.001 min
Response: 89281776
Conc: 38.75 ng/ml



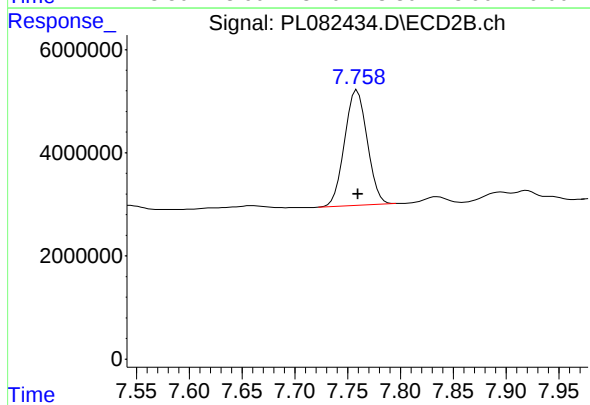
#28 Decachlorobiphenyl

R.T.: 8.745 min
Delta R.T.: 0.004 min
Response: 31702868
Conc: 16.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-339MSD

Manual Integrations
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Supervised By :Ankita Jodhani 05/04/2023



#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: 0.000 min
Response: 33348693
Conc: 14.61 ng/ml