

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081023\
 Data File : PL084662.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Aug 2023 16:41
 Operator : AR\AJ
 Sample : 03939-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ORA-1745-1746-1747MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/11/2023
 Supervised By : Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 21:41:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.477	2.686	39721114	19404304	17.096	17.845
28)	SA Decachlor...	9.028	7.867	29021930	22933650	17.837	18.394
Target Compounds							
2)	A alpha-BHC	3.935	3.191	157.9E6	81610306	47.816	52.854
3)	MA gamma-BHC...	4.269	3.521	146.6E6	76655302	45.944	50.447
4)	MA Heptachlor	4.861	3.863	167.3E6	75745060	49.753	53.186
5)	MB Aldrin	5.204	4.142	152.5E6	74921571	46.137	51.549
6)	B beta-BHC	4.468	3.823	67414203	33914043	48.259	50.616
7)	B delta-BHC	4.715	4.052	149.5E6	75084633	46.360	49.456
8)	B Heptachlo...	5.633	4.649	147.4E6	68693150	48.922	51.773
9)	A Endosulfan I	6.019	5.019	119.8E6	62444083	45.505	50.387
10)	B gamma-Chl...	5.891	4.901	135.1E6	72942669	47.171	53.782
11)	B alpha-Chl...	5.971	4.966	130.5E6	72288958	46.215	53.056
12)	B 4,4'-DDE	6.149	5.164	114.2E6	67940106	49.742	55.170
13)	MA Dieldrin	6.296	5.286	120.0E6	69016534	45.423	50.830
14)	MA Endrin	6.526	5.560	99225421	61597432	45.496	50.357m
15)	B Endosulfa...	6.747	5.859	92674915	52630633	43.818	43.619
16)	A 4,4'-DDD	6.669	5.722	88888747	56020582	53.018	54.219
17)	MA 4,4'-DDT	6.985	5.974	91237109	58791267	48.693	50.658
18)	B Endrin al...	6.878	6.041	76116890	47333483	45.121	47.727
19)	B Endosulfa...	7.114	6.265	92273348	58402951	46.190	49.112
20)	A Methoxychlor	7.467	6.559	43436195	31755022	45.261	46.283
21)	B Endrin ke...	7.598	6.771	91896005	72778993	45.938	50.442
22)	Mirex	8.074	6.951	74650926	55464626	44.948	48.093

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081023\
 Data File : PL084662.D
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 Acq On : 10 Aug 2023 16:41
 Operator : AR\AJ
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 Misc :
 ALS Vial : 21 Sample Multiplier: 1

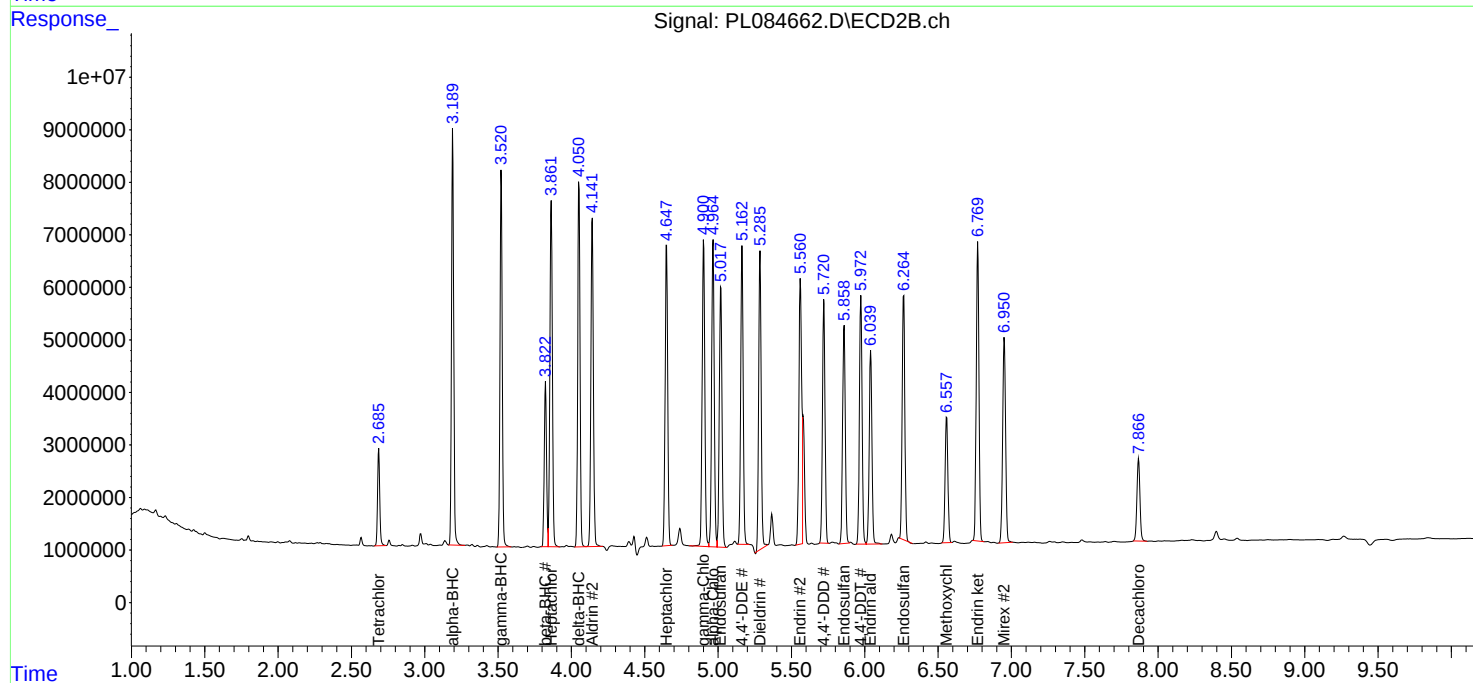
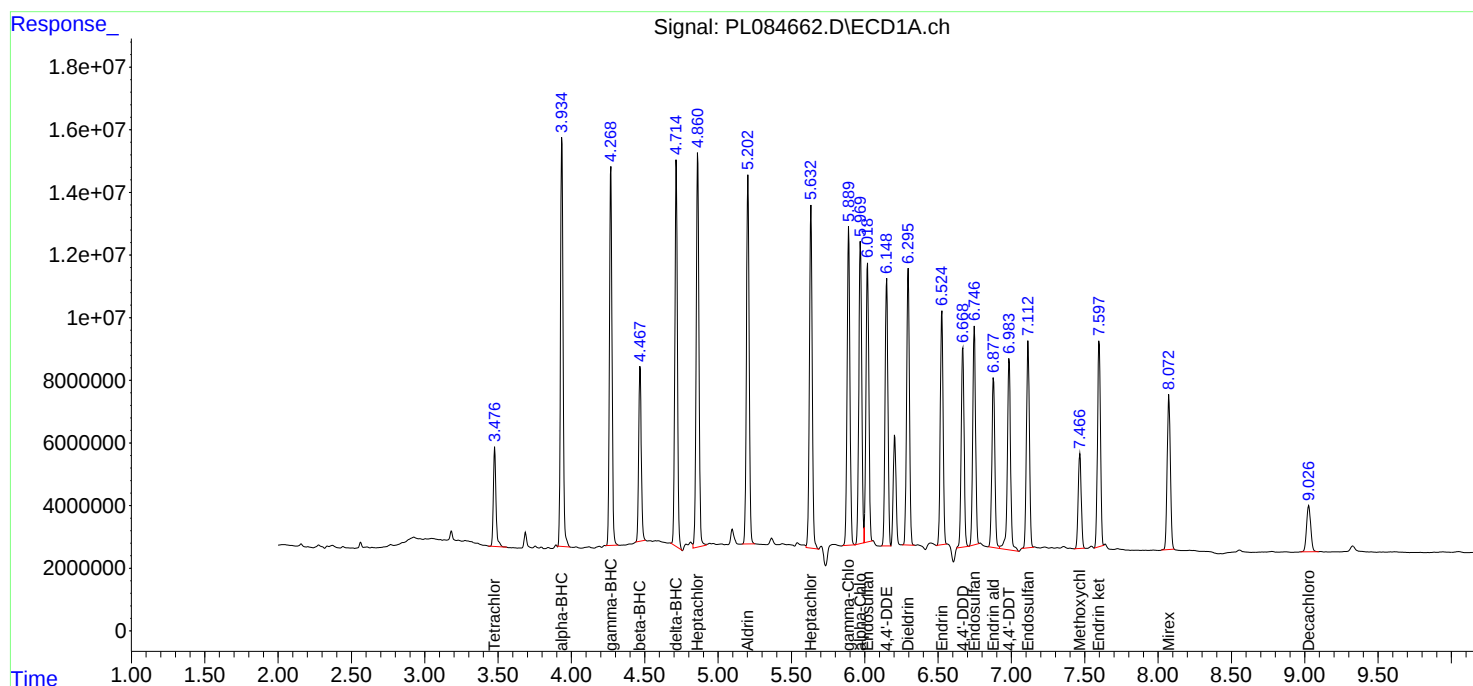
Instrument :
 ECD_L
 ClientSampleId :
 ORA-1745-1746-1747MS

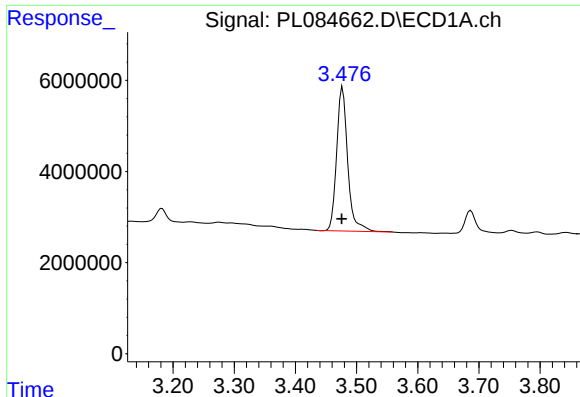
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 21:41:48 2023
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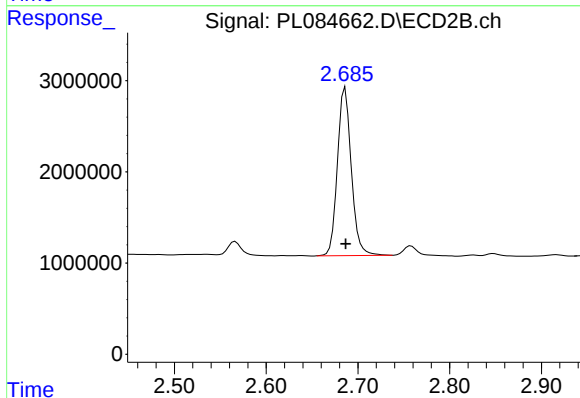
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.001 min
Response: 39721114
Conc: 17.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MS

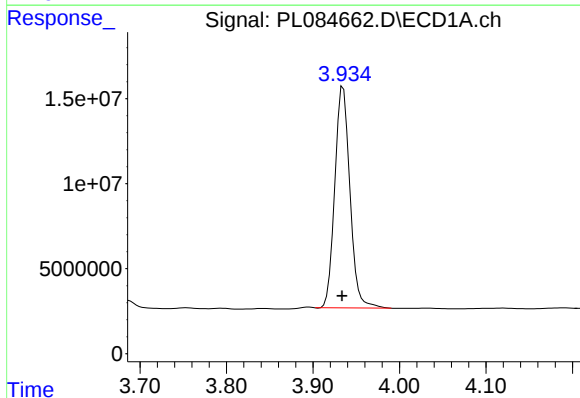
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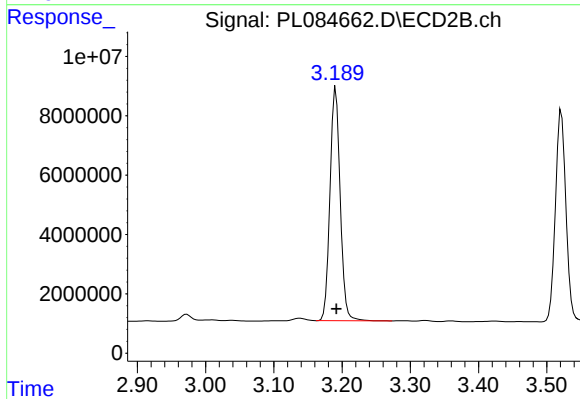
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: 0.000 min
Response: 19404304
Conc: 17.84 ng/ml



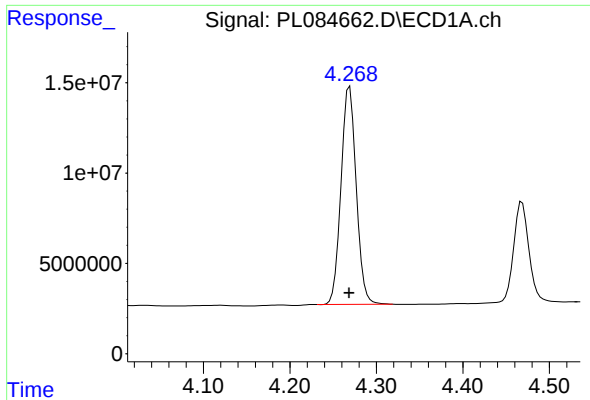
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.001 min
Response: 157859721
Conc: 47.82 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: 0.000 min
Response: 81610306
Conc: 52.85 ng/ml



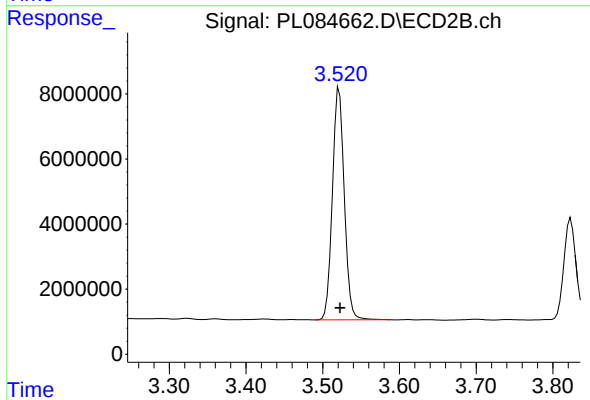
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 146563187
Conc: 45.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MS

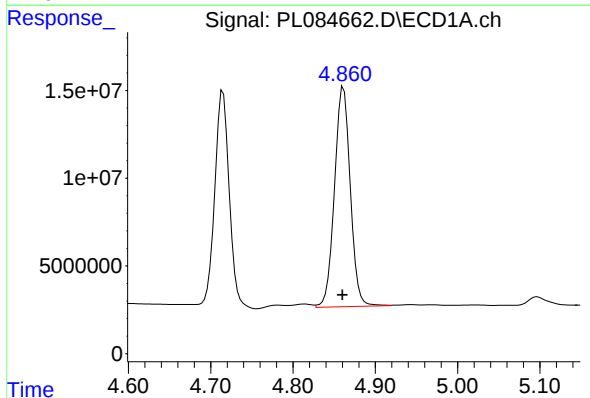
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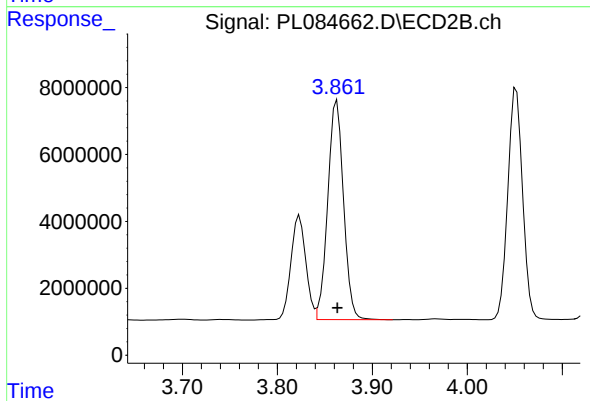
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: -0.001 min
Response: 76655302
Conc: 50.45 ng/ml



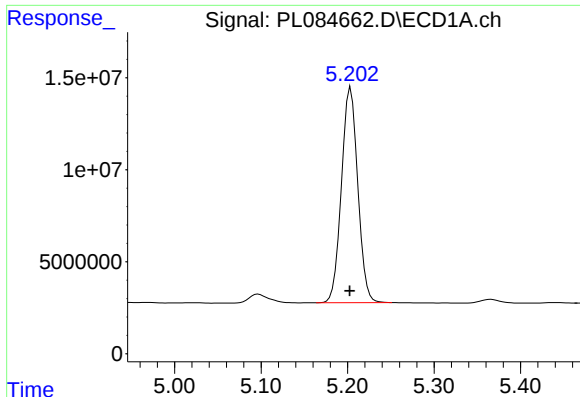
#4 Heptachlor

R.T.: 4.861 min
Delta R.T.: 0.001 min
Response: 167311735
Conc: 49.75 ng/ml



#4 Heptachlor

R.T.: 3.863 min
Delta R.T.: 0.000 min
Response: 75745060
Conc: 53.19 ng/ml



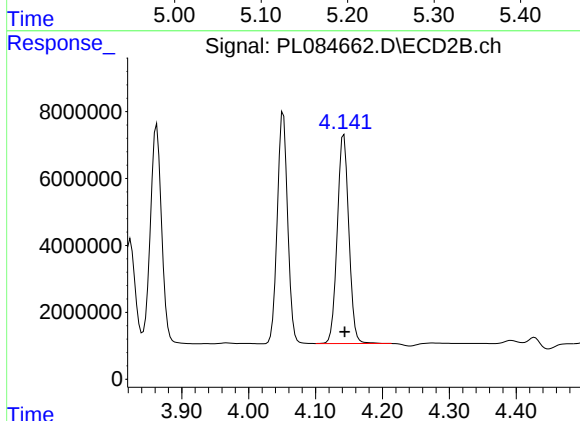
#5 Aldrin

R.T.: 5.204 min
Delta R.T.: 0.000 min
Response: 152500980
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MS

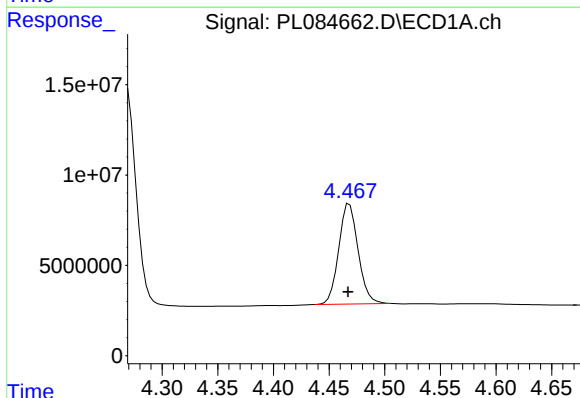
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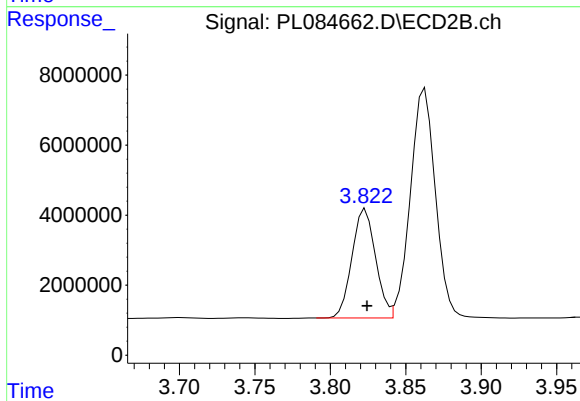
#5 Aldrin

R.T.: 4.142 min
Delta R.T.: -0.001 min
Response: 74921571
Conc: 51.55 ng/ml



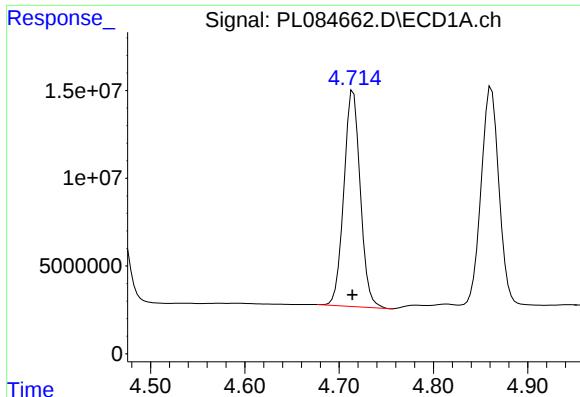
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.001 min
Response: 67414203
Conc: 48.26 ng/ml



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: 0.000 min
Response: 33914043
Conc: 50.62 ng/ml



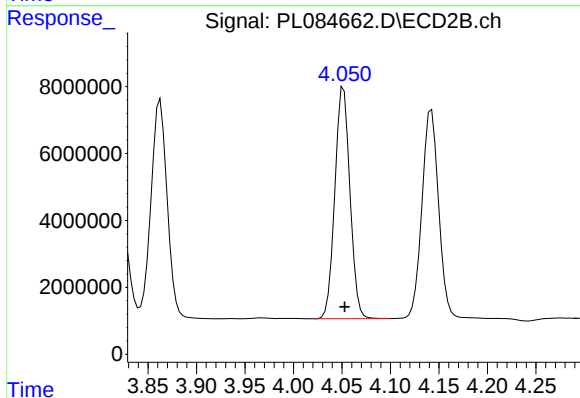
#7 delta-BHC

R.T.: 4.715 min
Delta R.T.: 0.000 min
Response: 149499022
Conc: 46.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MS

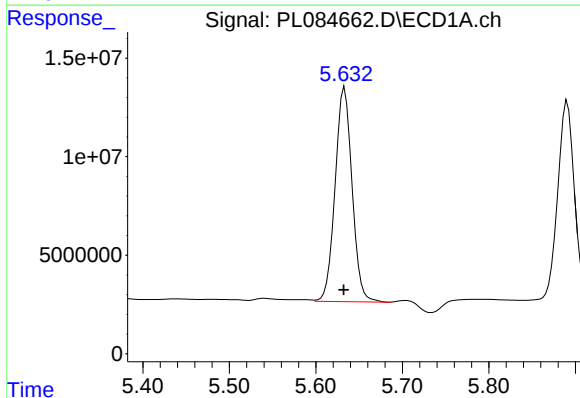
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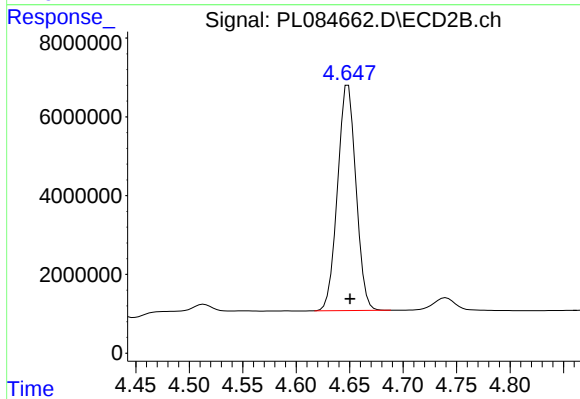
#7 delta-BHC

R.T.: 4.052 min
Delta R.T.: -0.001 min
Response: 75084633
Conc: 49.46 ng/ml



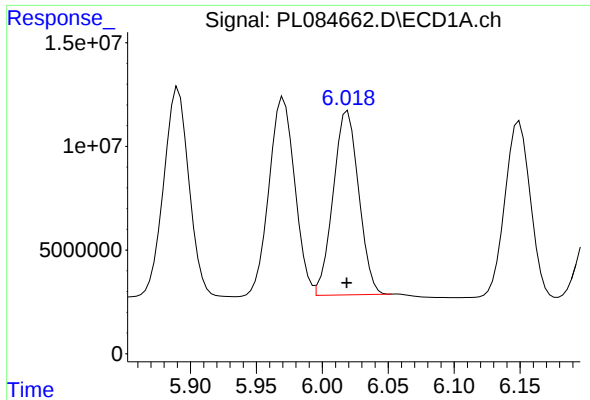
#8 Heptachlor epoxide

R.T.: 5.633 min
Delta R.T.: 0.001 min
Response: 147385949
Conc: 48.92 ng/ml



#8 Heptachlor epoxide

R.T.: 4.649 min
Delta R.T.: -0.002 min
Response: 68693150
Conc: 51.77 ng/ml



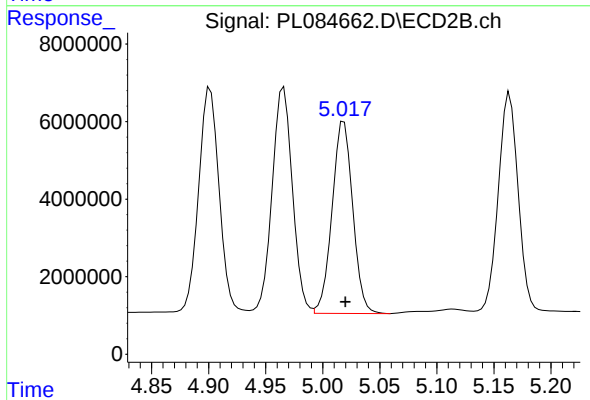
#9 Endosulfan I

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 119781029
Conc: 45.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MS

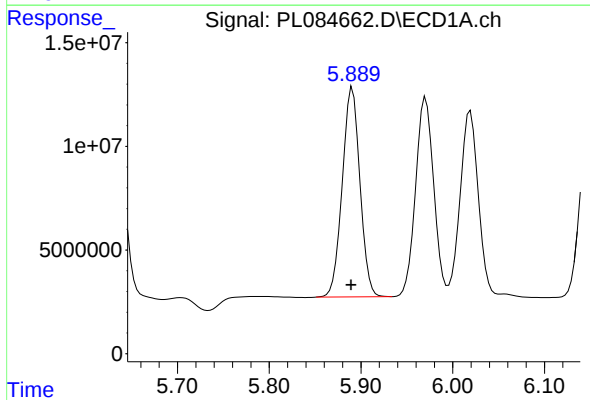
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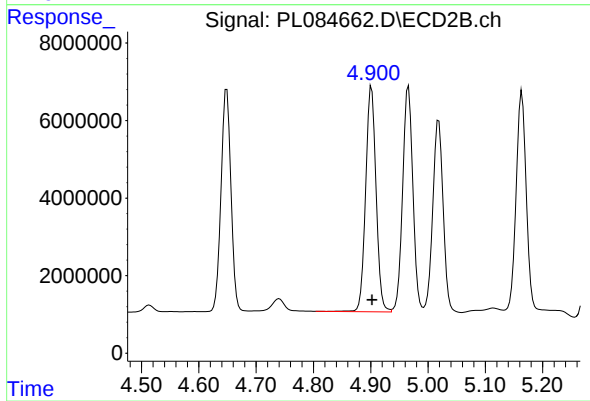
#9 Endosulfan I

R.T.: 5.019 min
Delta R.T.: -0.001 min
Response: 62444083
Conc: 50.39 ng/ml



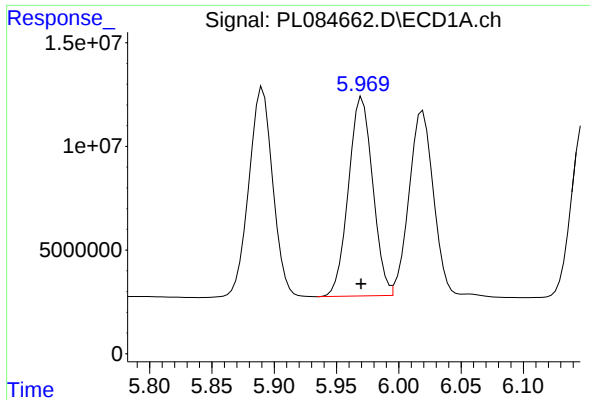
#10 gamma-Chlordane

R.T.: 5.891 min
Delta R.T.: 0.001 min
Response: 135081096
Conc: 47.17 ng/ml



#10 gamma-Chlordane

R.T.: 4.901 min
Delta R.T.: -0.001 min
Response: 72942669
Conc: 53.78 ng/ml



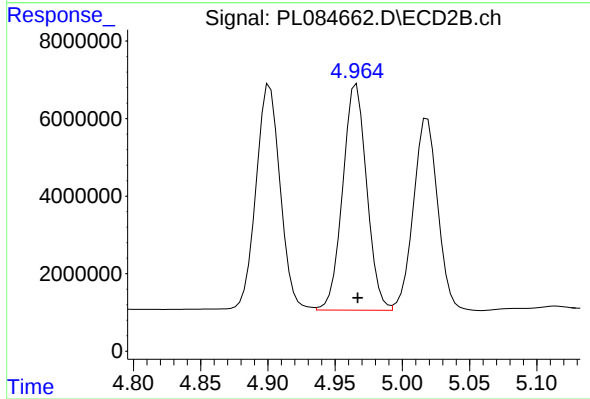
#11 alpha-Chlordane

R.T.: 5.971 min
Delta R.T.: 0.000 min
Response: 130473889
Conc: 46.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
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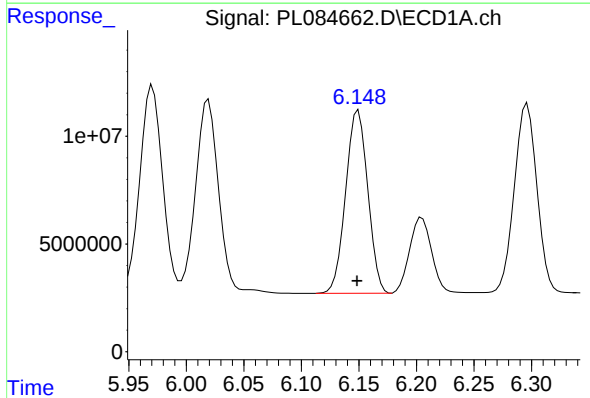
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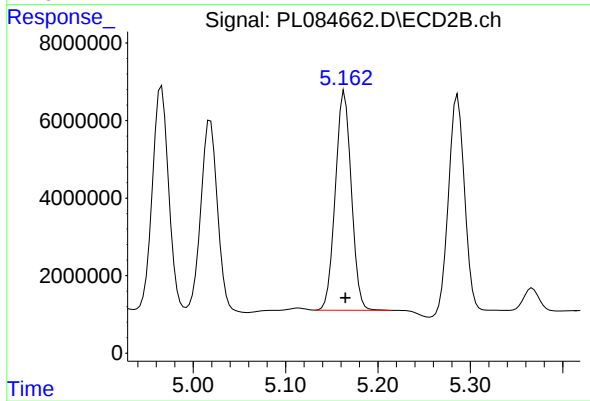
#11 alpha-Chlordane

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 72288958
Conc: 53.06 ng/ml



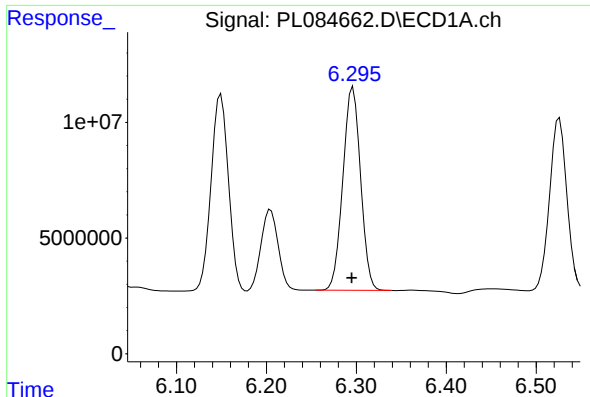
#12 4,4'-DDE

R.T.: 6.149 min
Delta R.T.: 0.001 min
Response: 114170856
Conc: 49.74 ng/ml



#12 4,4'-DDE

R.T.: 5.164 min
Delta R.T.: -0.001 min
Response: 67940106
Conc: 55.17 ng/ml



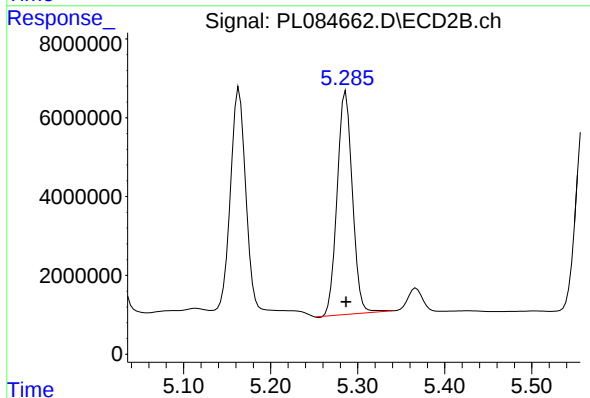
#13 Dieldrin

R.T.: 6.296 min
Delta R.T.: 0.001 min
Response: 120035488
Conc: 45.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
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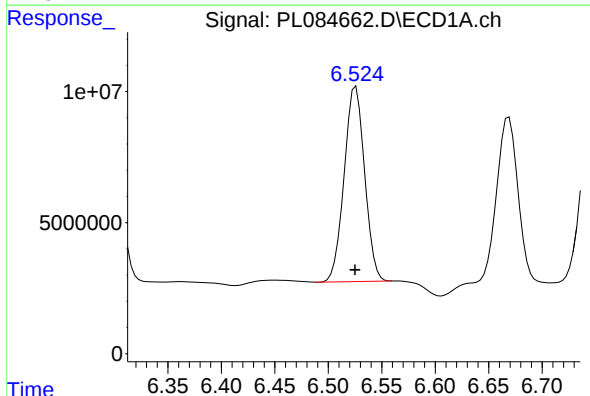
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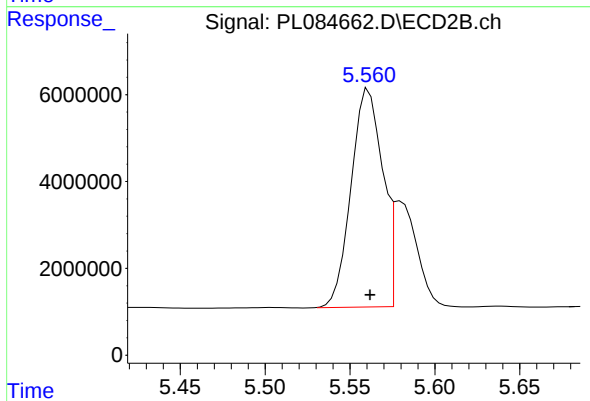
#13 Dieldrin

R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 69016534
Conc: 50.83 ng/ml



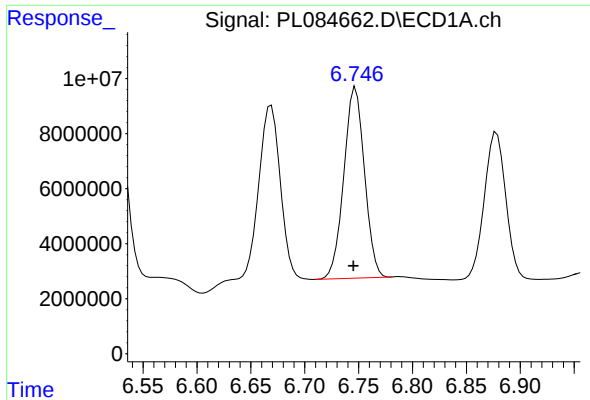
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 99225421
Conc: 45.50 ng/ml



#14 Endrin

R.T.: 5.560 min
Delta R.T.: -0.002 min
Response: 61597432
Conc: 50.36 ng/ml m



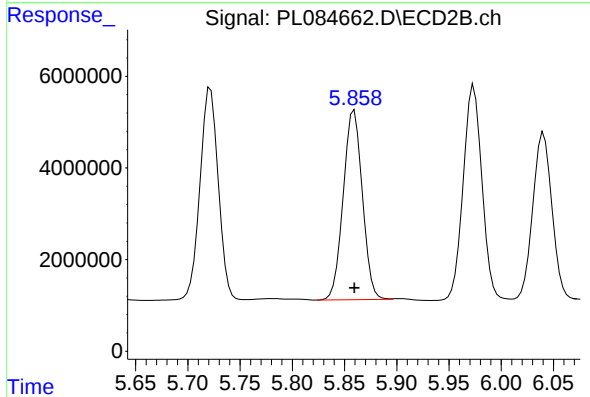
#15 Endosulfan II

R.T.: 6.747 min
Delta R.T.: 0.002 min
Response: 92674915
Conc: 43.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
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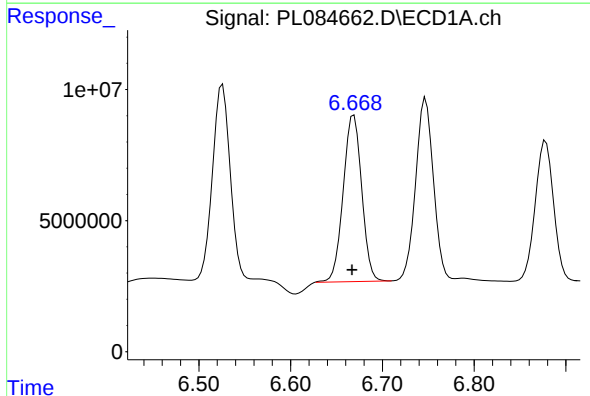
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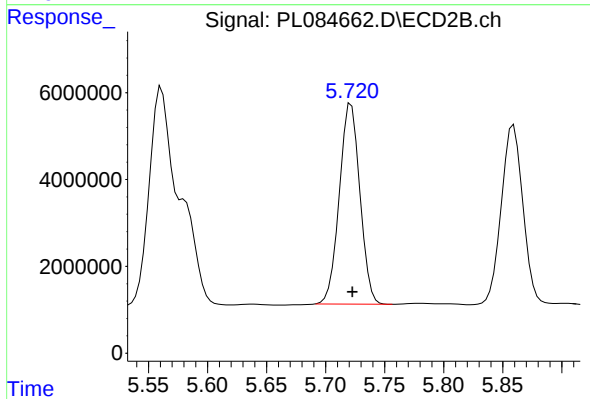
#15 Endosulfan II

R.T.: 5.859 min
Delta R.T.: 0.000 min
Response: 52630633
Conc: 43.62 ng/ml



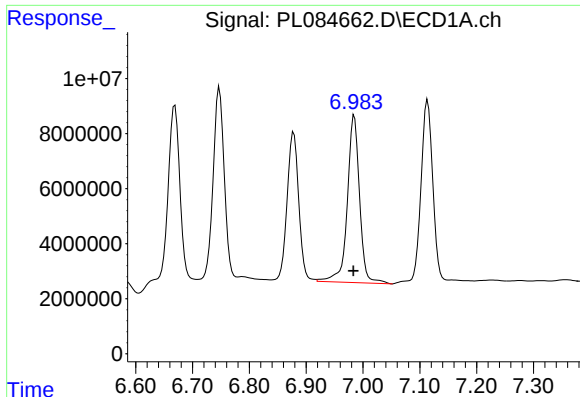
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 88888747
Conc: 53.02 ng/ml



#16 4,4'-DDD

R.T.: 5.722 min
Delta R.T.: -0.001 min
Response: 56020582
Conc: 54.22 ng/ml



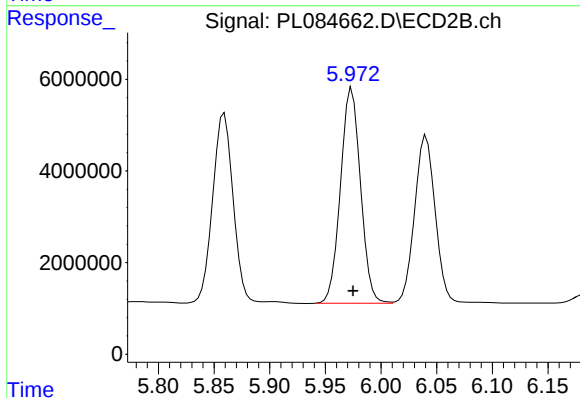
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: 0.001 min
Response: 91237109
Conc: 48.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
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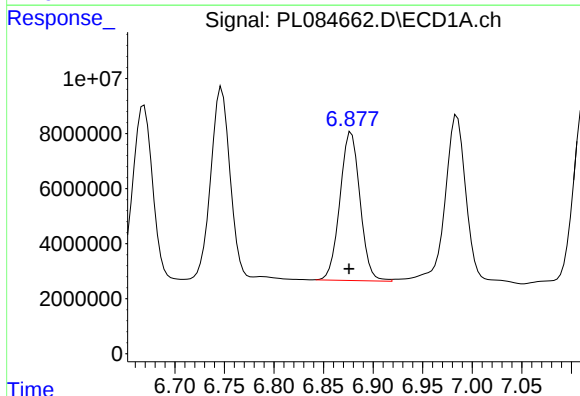
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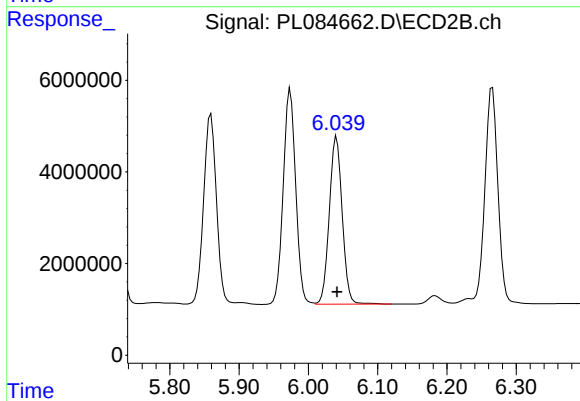
#17 4,4'-DDT

R.T.: 5.974 min
Delta R.T.: -0.001 min
Response: 58791267
Conc: 50.66 ng/ml



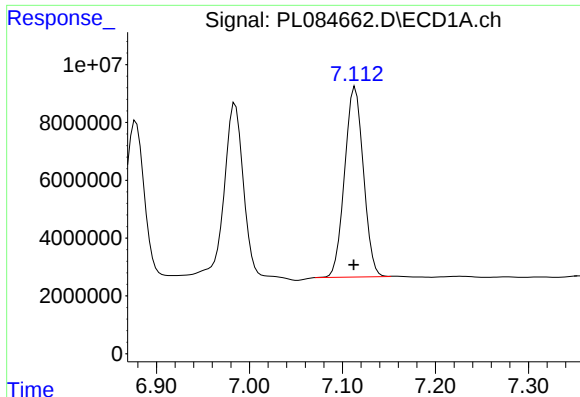
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: 0.002 min
Response: 76116890
Conc: 45.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 47333483
Conc: 47.73 ng/ml



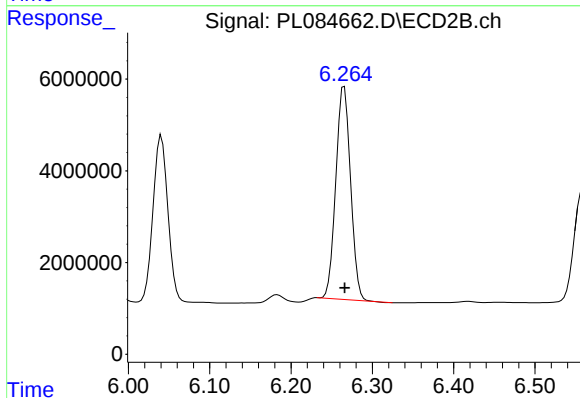
#19 Endosulfan Sulfate

R.T.: 7.114 min
Delta R.T.: 0.002 min
Response: 92273348
Conc: 46.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
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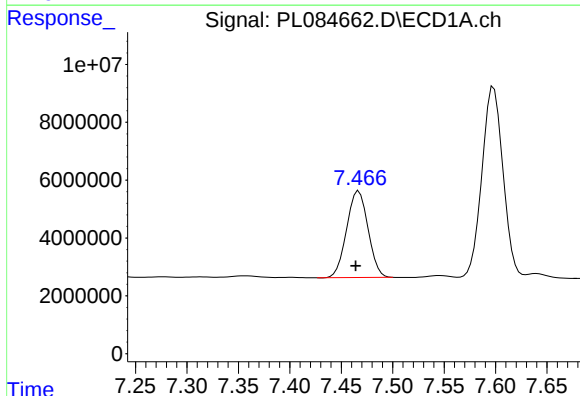
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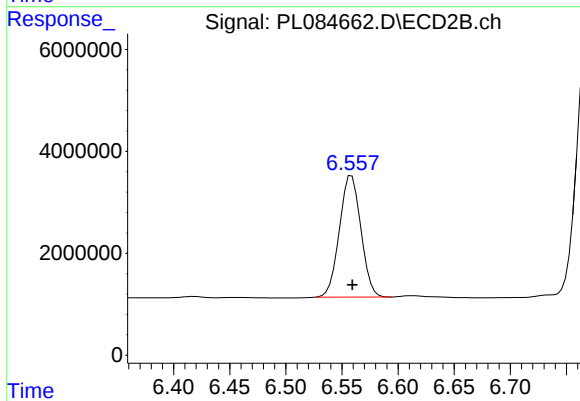
#19 Endosulfan Sulfate

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 58402951
Conc: 49.11 ng/ml



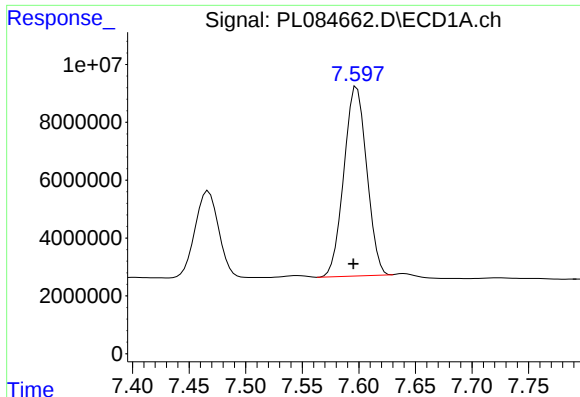
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 43436195
Conc: 45.26 ng/ml



#20 Methoxychlor

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 31755022
Conc: 46.28 ng/ml



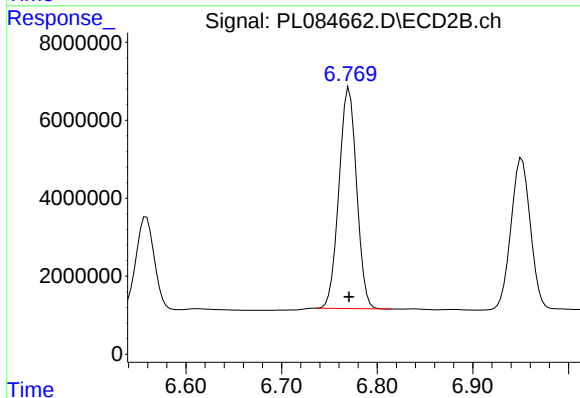
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.003 min
Response: 91896005
Conc: 45.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MS

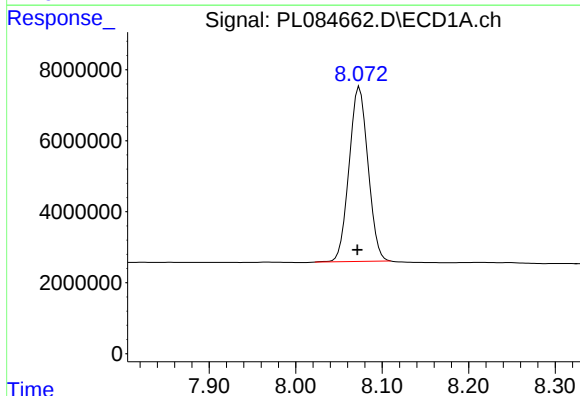
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023



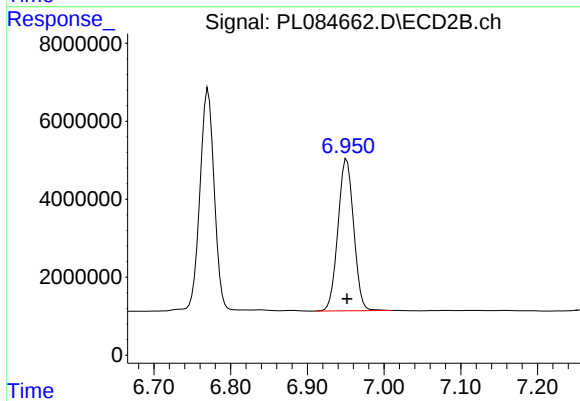
#21 Endrin ketone

R.T.: 6.771 min
Delta R.T.: 0.000 min
Response: 72778993
Conc: 50.44 ng/ml



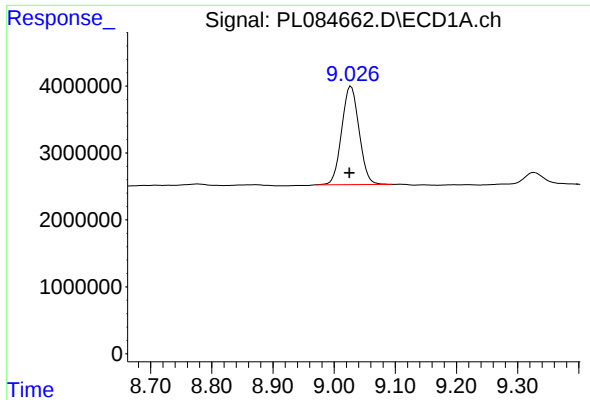
#22 Mirex

R.T.: 8.074 min
Delta R.T.: 0.002 min
Response: 74650926
Conc: 44.95 ng/ml



#22 Mirex

R.T.: 6.951 min
Delta R.T.: 0.000 min
Response: 55464626
Conc: 48.09 ng/ml



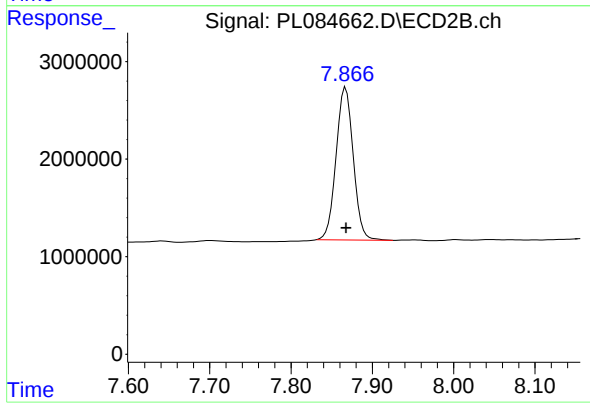
#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.003 min
Response: 29021930
Conc: 17.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
ORA-1745-1746-1747MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023



#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 22933650
Conc: 18.39 ng/ml