

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072723\
 Data File : PL084308.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2023 17:13
 Operator : AR\AJ
 Sample : 03738-02MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 80001MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/28/2023
 Supervised By : Ankita Jodhani 07/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 21:34:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 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	2.688	36199224	18375310	18.101	16.546
28)	SA Decachlor...	9.024	7.869	26812259	21800825	20.599	19.620
Target Compounds							
2)	A alpha-BHC	3.935	3.193	139.2E6	75193802	47.524	46.766
3)	MA gamma-BHC...	4.268	3.524	130.2E6	70822915	46.075	46.573
4)	MA Heptachlor	4.861	3.865	148.9E6	68655884	54.784	58.258
5)	MB Aldrin	5.203	4.145	134.0E6	66936498	46.780	44.392
6)	B beta-BHC	4.467	3.825	59438977	30585242	49.539	46.337
7)	B delta-BHC	4.714	4.054	100.5E6	52674269	37.699	34.823
8)	B Heptachlo...	5.633	4.651	126.2E6	62641079	47.275	48.779
9)	A Endosulfan I	6.019	5.022	111.1E6	59634110	46.899	48.620
10)	B gamma-Chl...	5.890	4.904	121.2E6	64828870	46.942	48.664
11)	B alpha-Chl...	5.970	4.968	118.3E6	64205558	46.528	47.661
12)	B 4,4'-DDE	6.150	5.167	100.2E6	60454819	49.796	49.216
13)	MA Dieldrin	6.296	5.289	108.5E6	62032025	45.389	47.631
14)	MA Endrin	6.523	5.564	90228129	57394319	47.378m	52.213
15)	B Endosulfa...	6.744	5.861	83093500	53200498	44.333m	46.288
16)	A 4,4'-DDD	6.668	5.724	76064305	52266134	51.796	54.481
17)	MA 4,4'-DDT	6.983	5.977	77347681	52490123	48.500	57.631
18)	B Endrin al...	6.876	6.043	66929357	43568875	45.683	48.467
19)	B Endosulfa...	7.112	6.268	78670043	53310238	45.508	48.507
20)	A Methoxychlor	7.464	6.561	37234385	28828737	47.601	60.155 #
21)	B Endrin ke...	7.595	6.773	83658033	66246676	47.737m	51.271
22)	Mirex	8.072	6.954	66767856	50244879	46.660	49.227

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072723\
Data File : PL084308.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jul 2023 17:13
Operator : AR\AJ
Sample : 03738-02MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

80001MSD

Manual Integrations

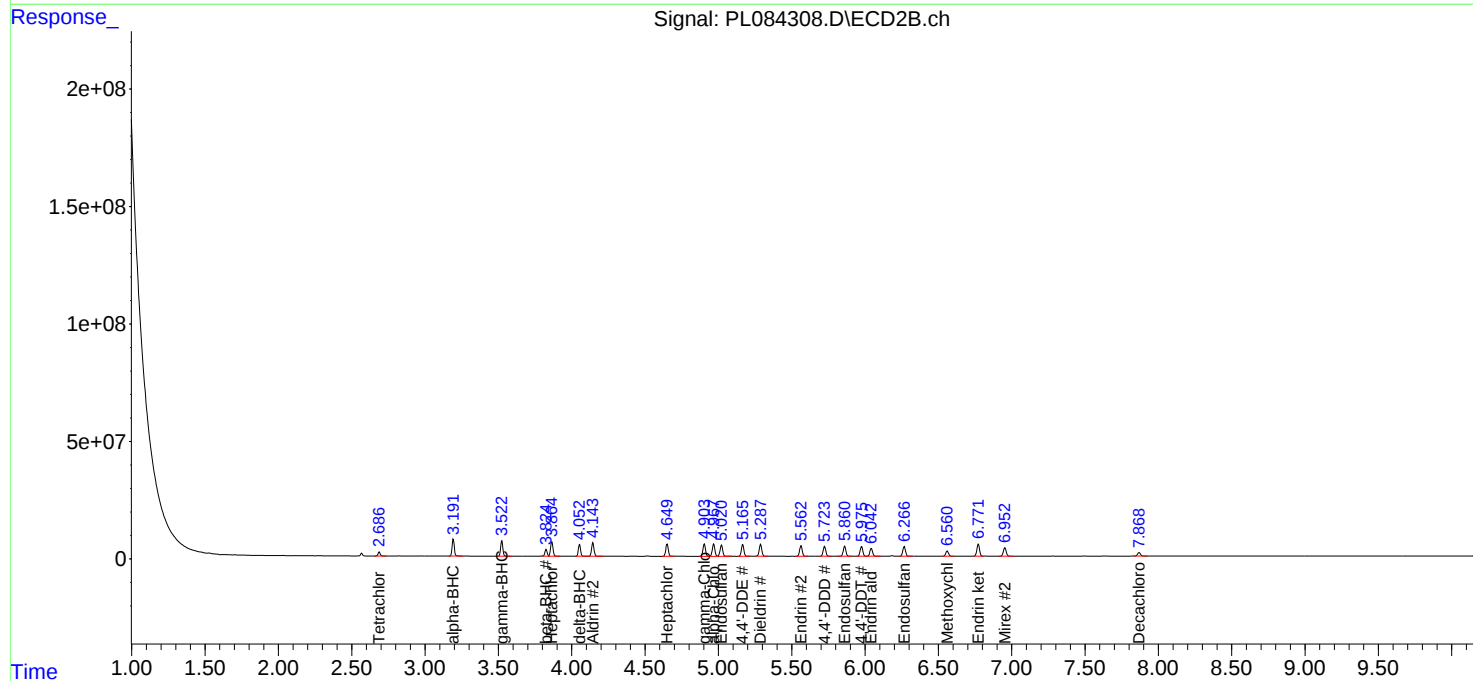
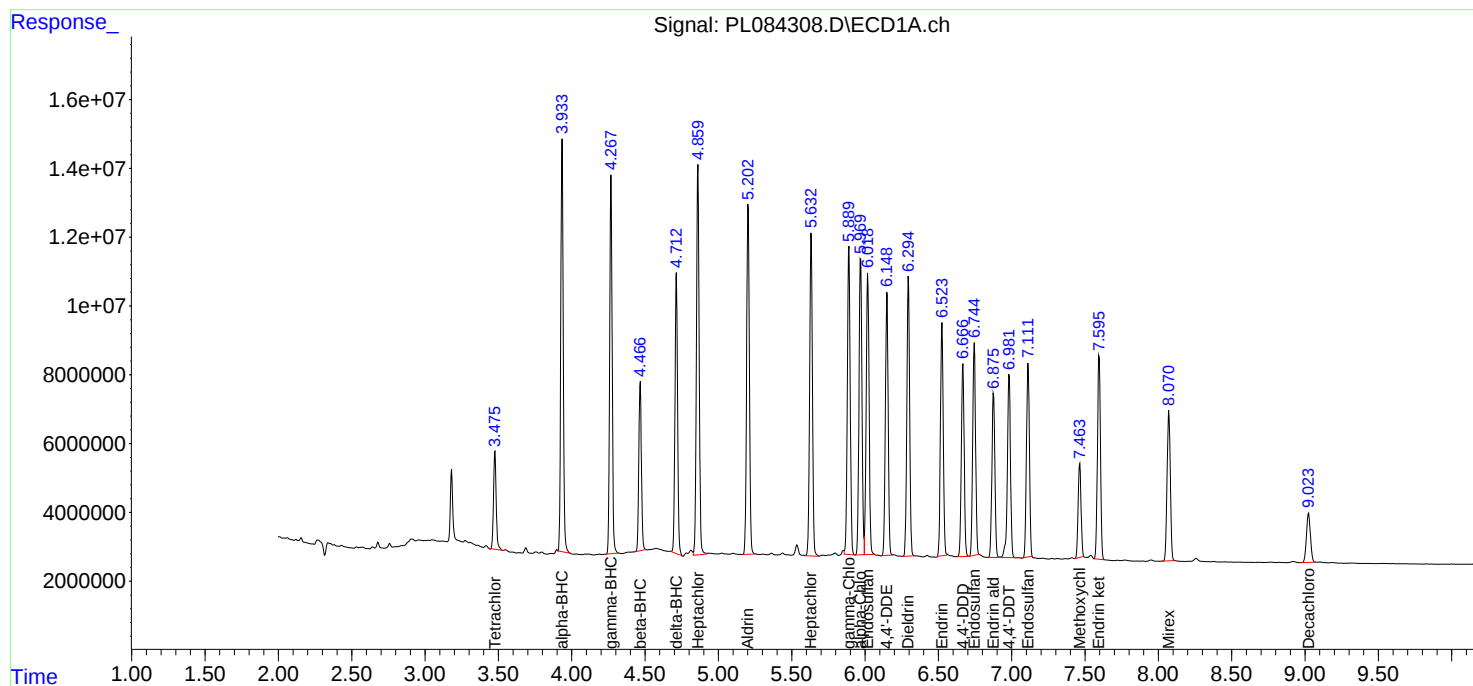
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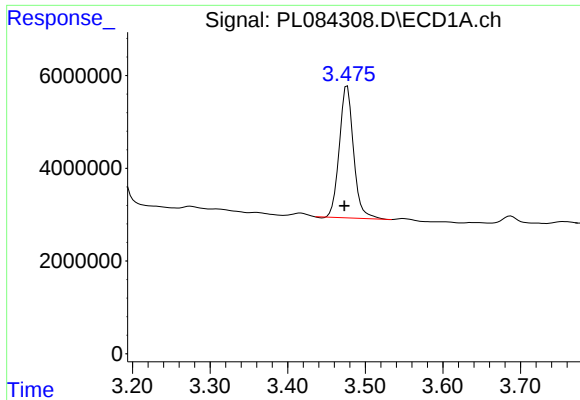
Reviewed By :Abdul Mirza 07/28/2023

Supervised By :Ankita Jodhani 07/28/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 27 21:34:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
Quant Title : GC Extractables
QLast Update : Fri Jul 14 00:03:54 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





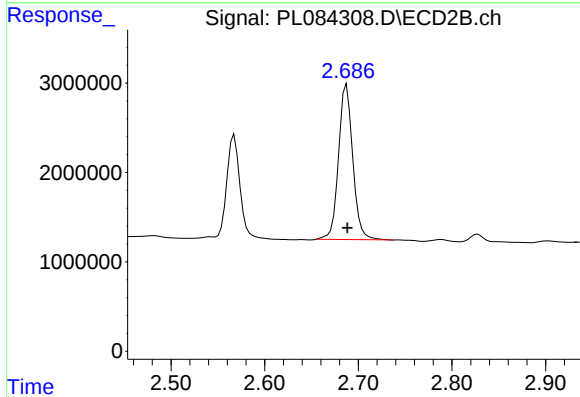
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.004 min
Response: 36199224
Conc: 18.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MSD

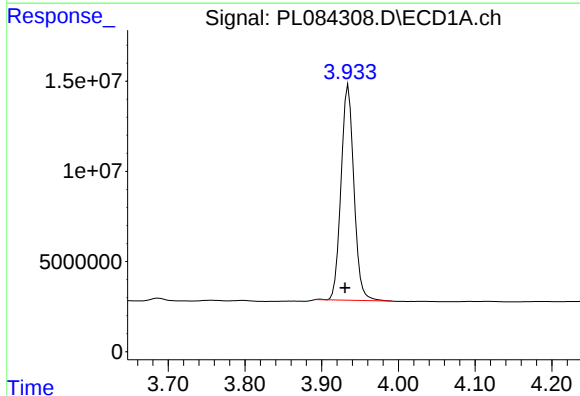
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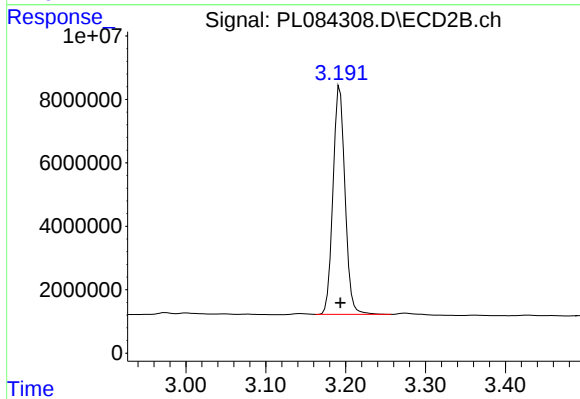
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 18375310
Conc: 16.55 ng/ml



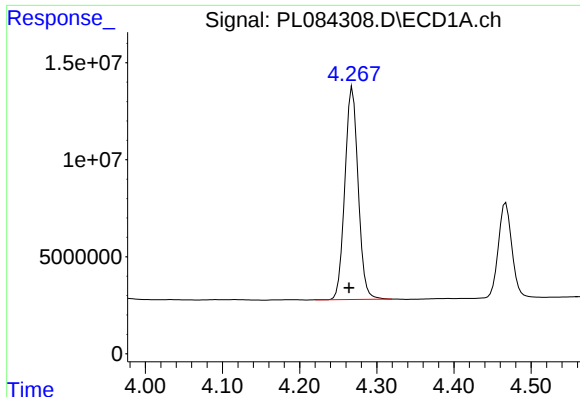
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.004 min
Response: 139235678
Conc: 47.52 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 75193802
Conc: 46.77 ng/ml



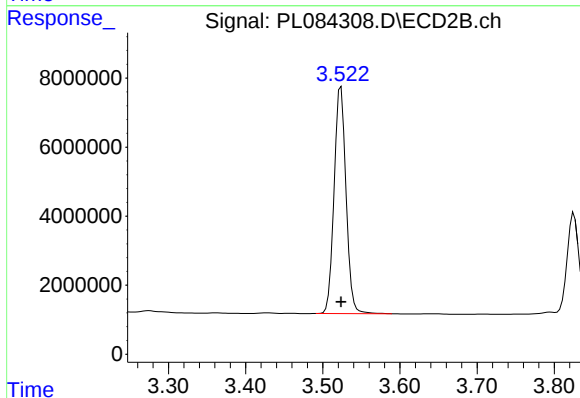
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.004 min
Response: 130176097
Conc: 46.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MSD

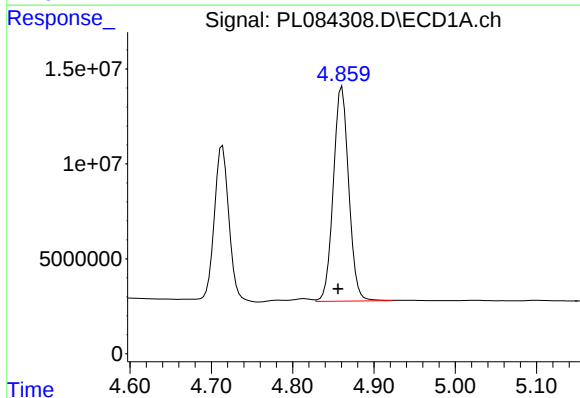
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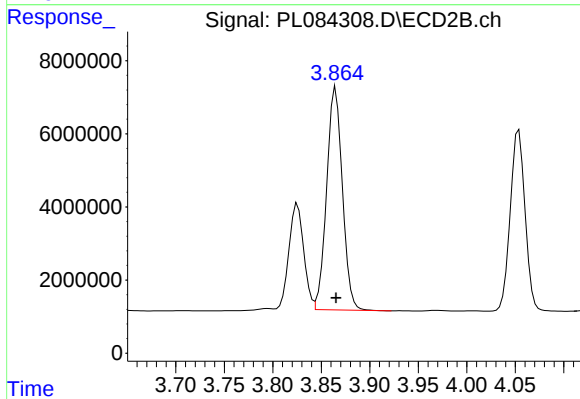
#3 gamma-BHC (Lindane)

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 70822915
Conc: 46.57 ng/ml



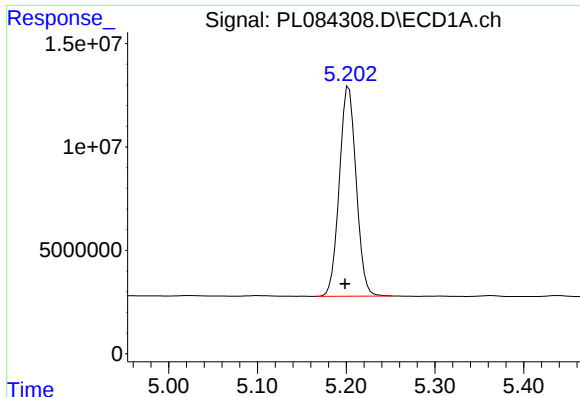
#4 Heptachlor

R.T.: 4.861 min
Delta R.T.: 0.005 min
Response: 148879668
Conc: 54.78 ng/ml



#4 Heptachlor

R.T.: 3.865 min
Delta R.T.: 0.000 min
Response: 68655884
Conc: 58.26 ng/ml



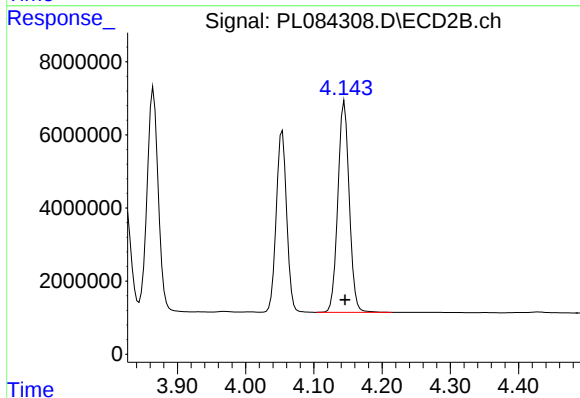
#5 Aldrin

R.T.: 5.203 min
Delta R.T.: 0.004 min
Response: 133987306
Conc: 46.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MSD

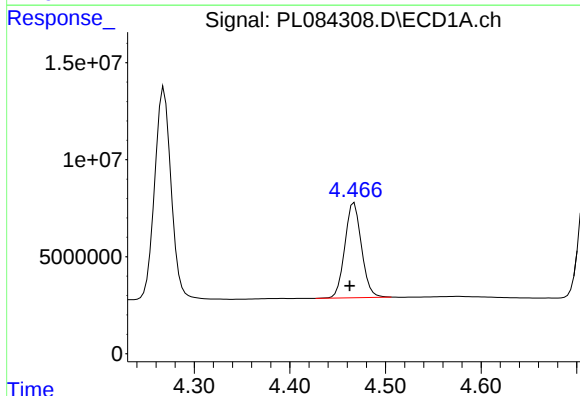
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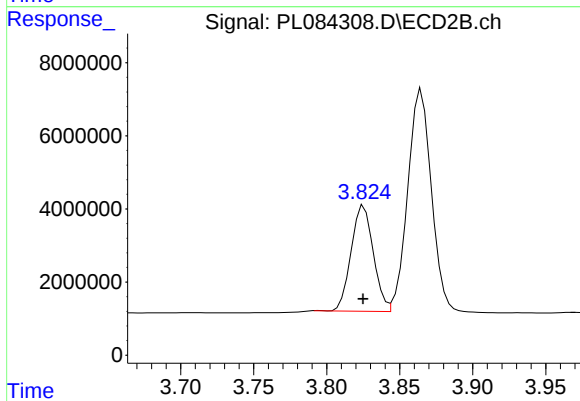
#5 Aldrin

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 66936498
Conc: 44.39 ng/ml



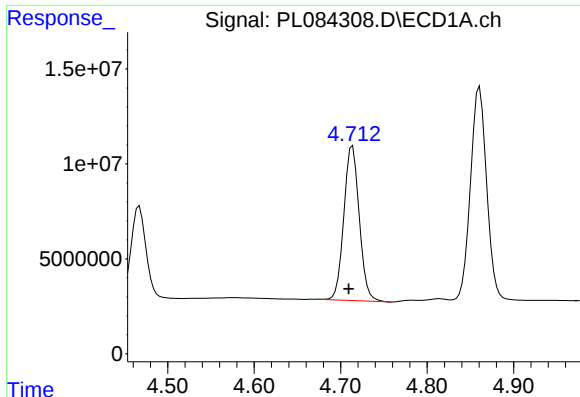
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.005 min
Response: 59438977
Conc: 49.54 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 30585242
Conc: 46.34 ng/ml



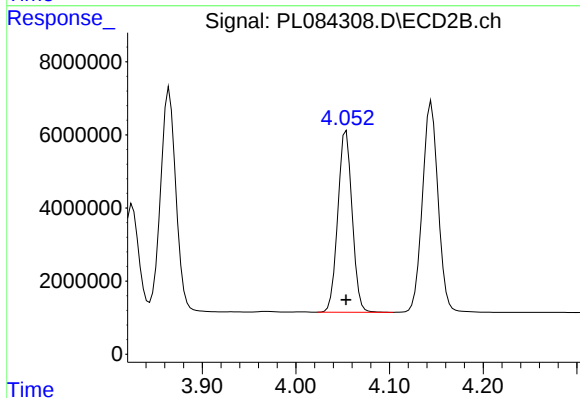
#7 delta-BHC

R.T.: 4.714 min
Delta R.T.: 0.004 min
Response: 100497499
Conc: 37.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MSD

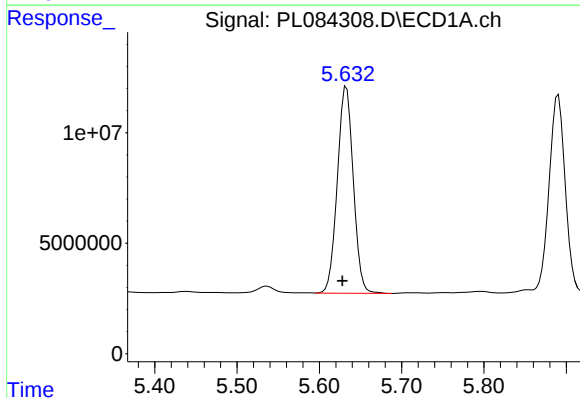
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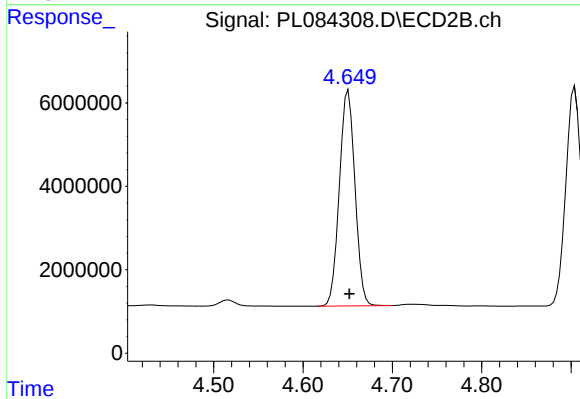
#7 delta-BHC

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 52674269
Conc: 34.82 ng/ml



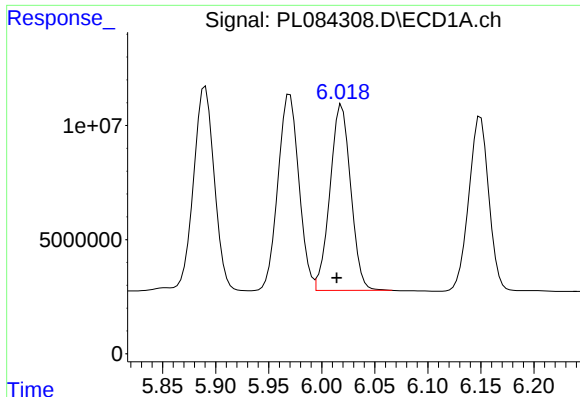
#8 Heptachlor epoxide

R.T.: 5.633 min
Delta R.T.: 0.005 min
Response: 126206389
Conc: 47.28 ng/ml



#8 Heptachlor epoxide

R.T.: 4.651 min
Delta R.T.: -0.001 min
Response: 62641079
Conc: 48.78 ng/ml



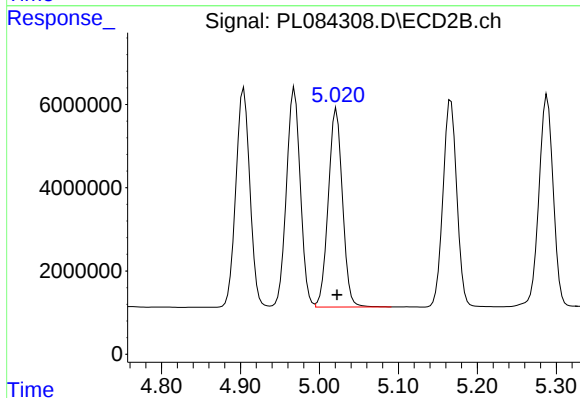
#9 Endosulfan I

R.T.: 6.019 min
Delta R.T.: 0.005 min
Response: 111065523
Conc: 46.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MSD

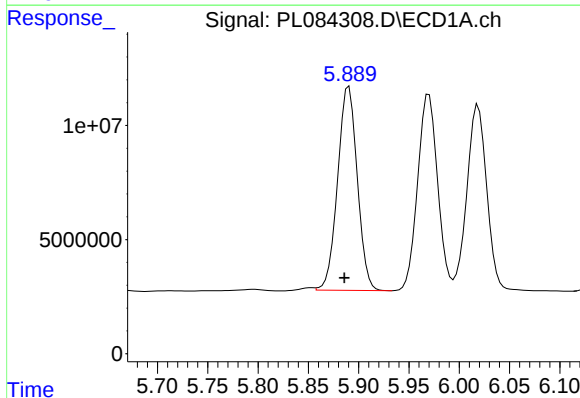
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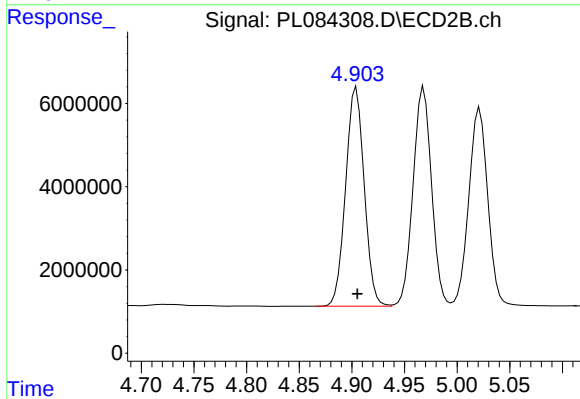
#9 Endosulfan I

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 59634110
Conc: 48.62 ng/ml



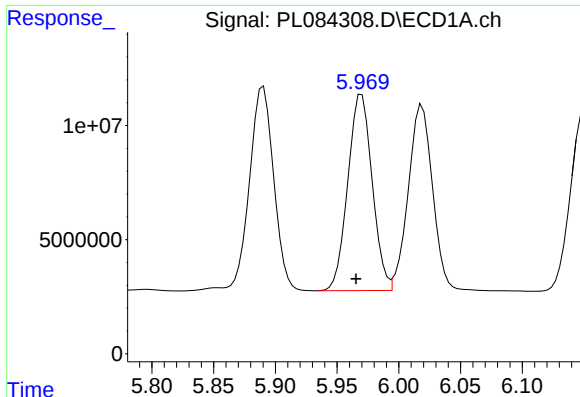
#10 gamma-Chlordane

R.T.: 5.890 min
Delta R.T.: 0.005 min
Response: 121199986
Conc: 46.94 ng/ml



#10 gamma-Chlordane

R.T.: 4.904 min
Delta R.T.: -0.001 min
Response: 64828870
Conc: 48.66 ng/ml



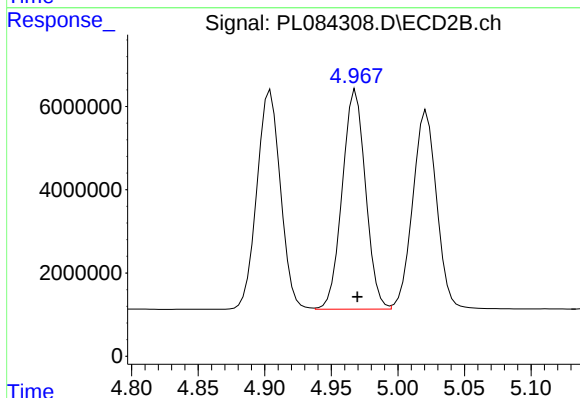
#11 alpha-Chlordane

R.T.: 5.970 min
Delta R.T.: 0.004 min
Response: 118277982
Conc: 46.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MSD

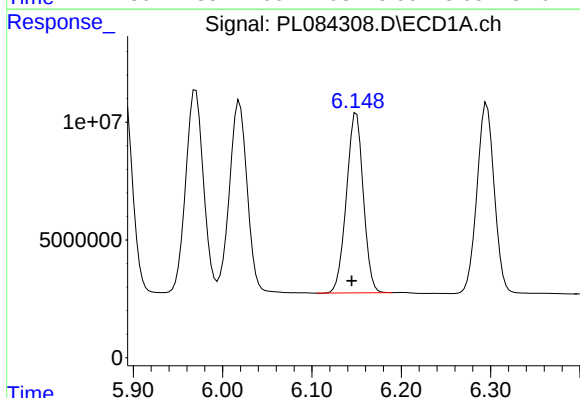
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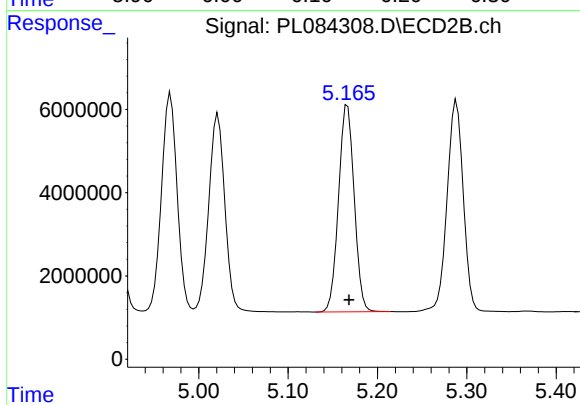
#11 alpha-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.001 min
Response: 64205558
Conc: 47.66 ng/ml



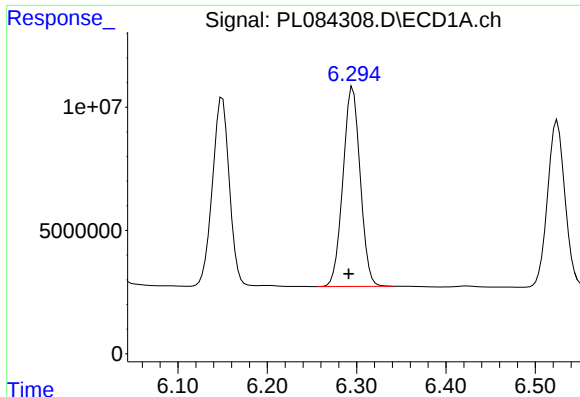
#12 4,4'-DDE

R.T.: 6.150 min
Delta R.T.: 0.005 min
Response: 100188564
Conc: 49.80 ng/ml



#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: -0.002 min
Response: 60454819
Conc: 49.22 ng/ml



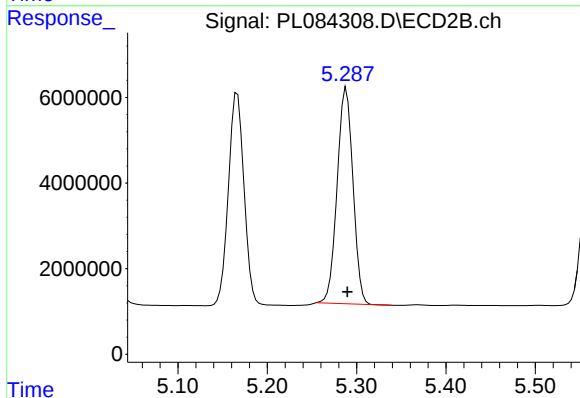
#13 Dieldrin

R.T.: 6.296 min
Delta R.T.: 0.004 min
Response: 108461735
Conc: 45.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MSD

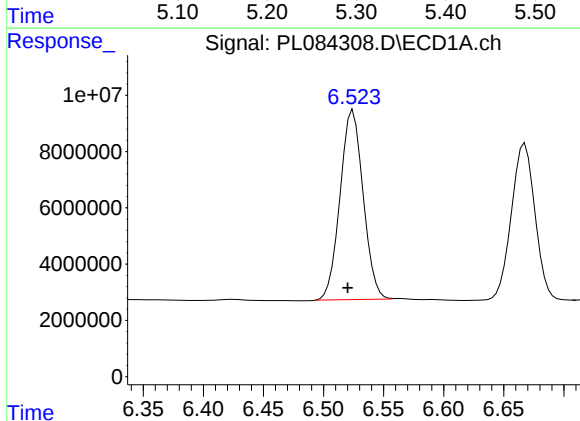
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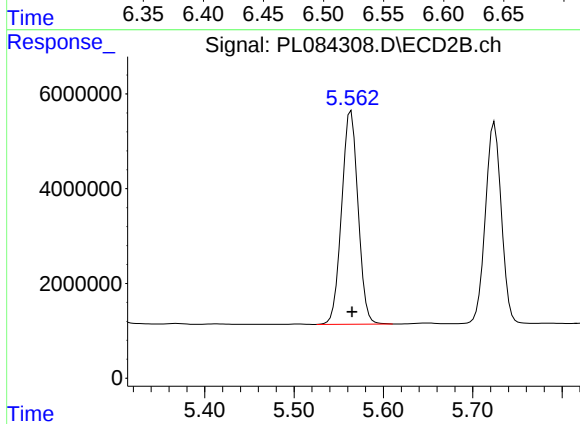
#13 Dieldrin

R.T.: 5.289 min
Delta R.T.: -0.001 min
Response: 62032025
Conc: 47.63 ng/ml



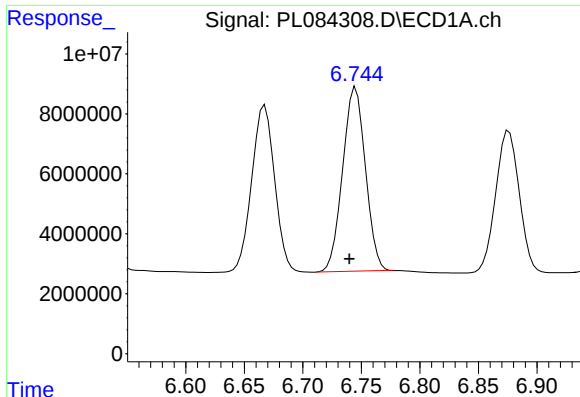
#14 Endrin

R.T.: 6.523 min
Delta R.T.: 0.003 min
Response: 90228129
Conc: 47.38 ng/ml m



#14 Endrin

R.T.: 5.564 min
Delta R.T.: -0.001 min
Response: 57394319
Conc: 52.21 ng/ml



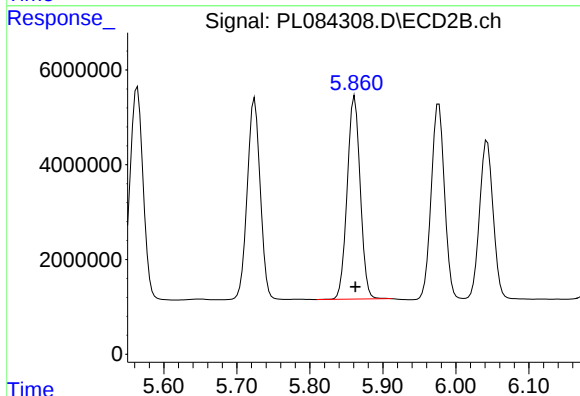
#15 Endosulfan II

R.T.: 6.744 min
Delta R.T.: 0.004 min
Response: 83093500
Conc: 44.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MSD

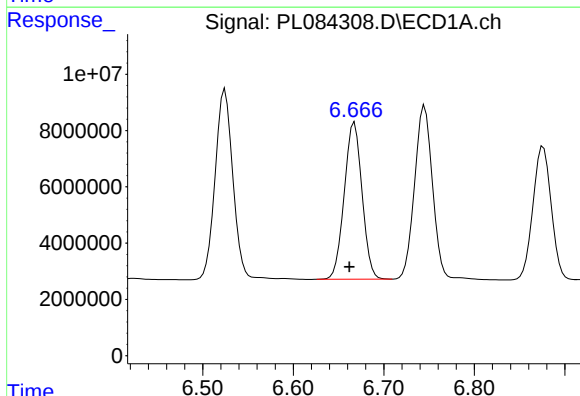
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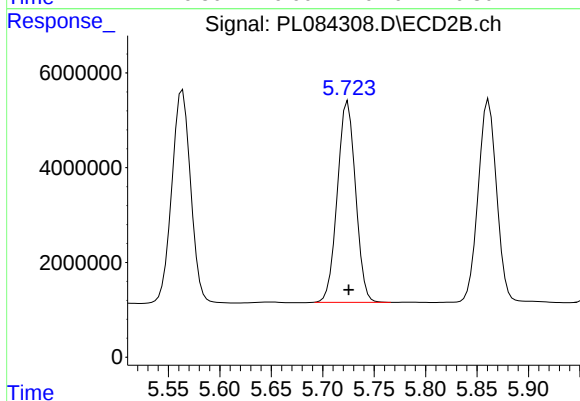
#15 Endosulfan II

R.T.: 5.861 min
Delta R.T.: -0.001 min
Response: 53200498
Conc: 46.29 ng/ml



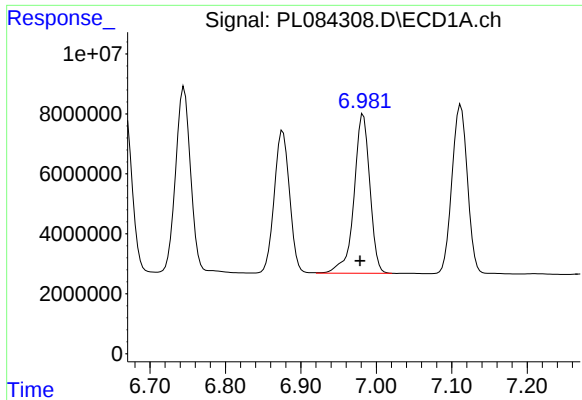
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.005 min
Response: 76064305
Conc: 51.80 ng/ml



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: 0.000 min
Response: 52266134
Conc: 54.48 ng/ml



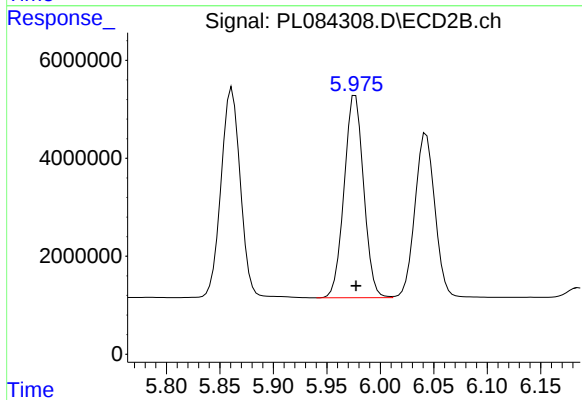
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.004 min
Response: 77347681
Conc: 48.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MSD

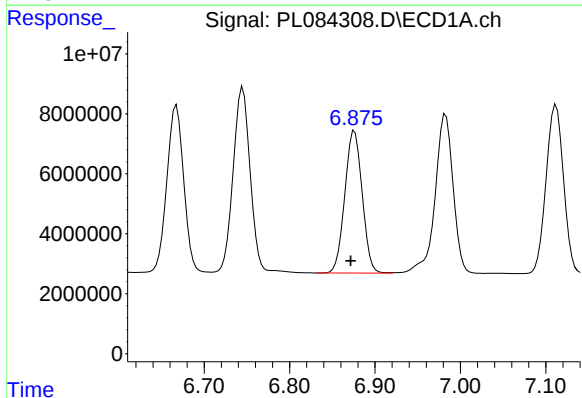
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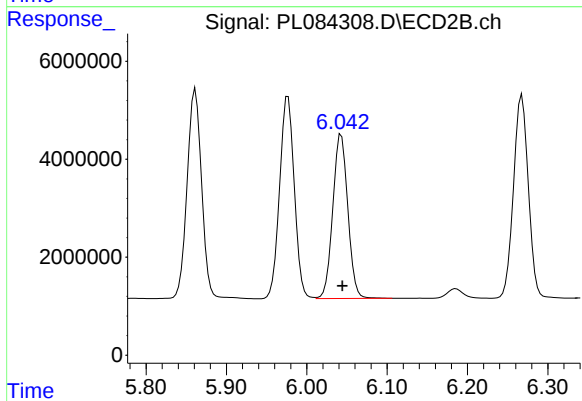
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 52490123
Conc: 57.63 ng/ml



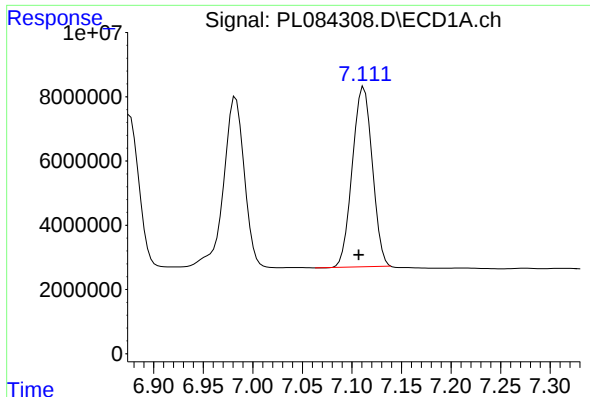
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.005 min
Response: 66929357
Conc: 45.68 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.001 min
Response: 43568875
Conc: 48.47 ng/ml



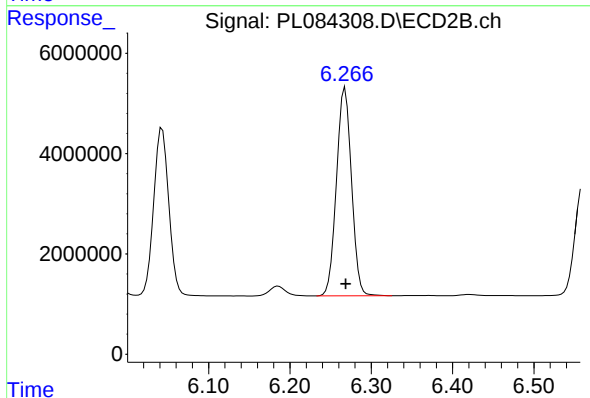
#19 Endosulfan Sulfate

R.T.: 7.112 min
Delta R.T.: 0.005 min
Response: 78670043
Conc: 45.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MSD

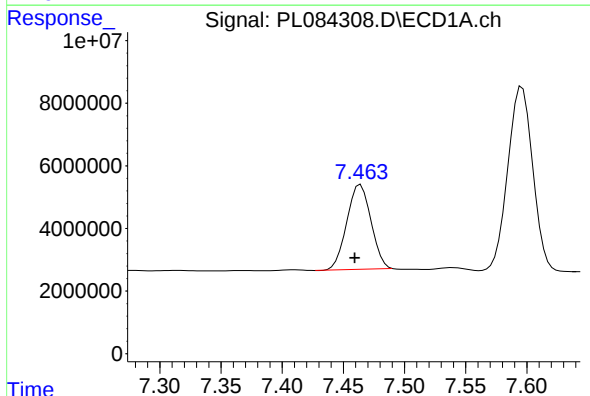
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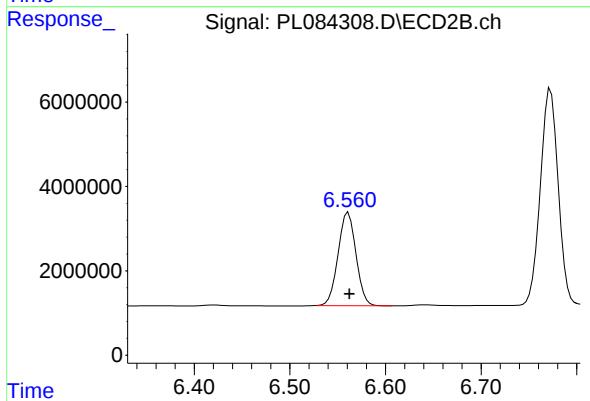
#19 Endosulfan Sulfate

R.T.: 6.268 min
Delta R.T.: 0.000 min
Response: 53310238
Conc: 48.51 ng/ml



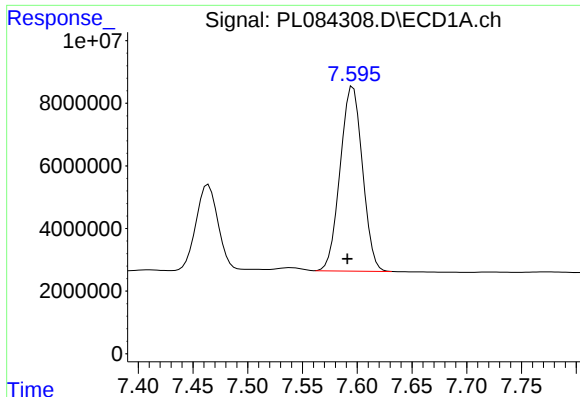
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.005 min
Response: 37234385
Conc: 47.60 ng/ml



#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: -0.001 min
Response: 28828737
Conc: 60.15 ng/ml



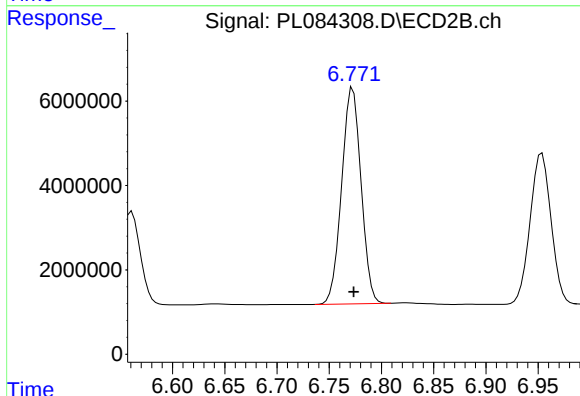
#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: 0.004 min
Response: 83658033
Conc: 47.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MSD

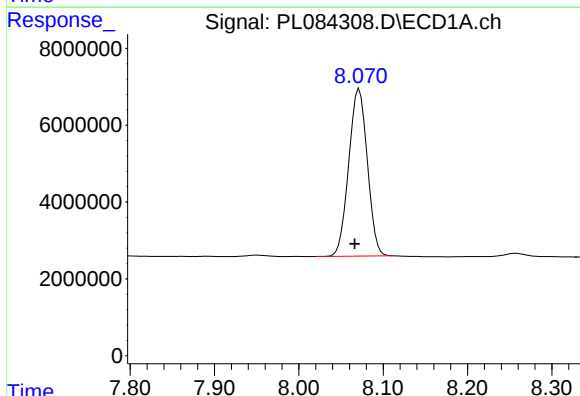
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/28/2023
Supervised By :Ankita Jodhani 07/28/2023



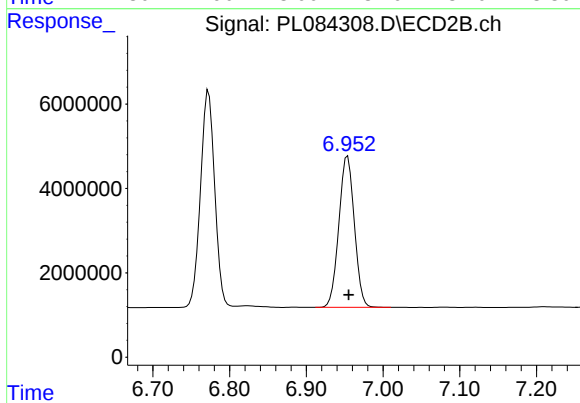
#21 Endrin ketone

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 66246676
Conc: 51.27 ng/ml



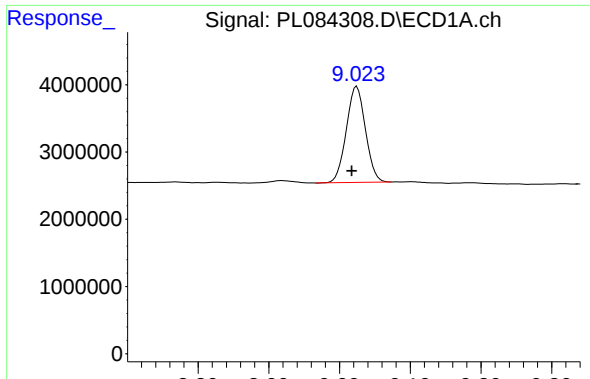
#22 Mirex

R.T.: 8.072 min
Delta R.T.: 0.005 min
Response: 66767856
Conc: 46.66 ng/ml



#22 Mirex

R.T.: 6.954 min
Delta R.T.: -0.001 min
Response: 50244879
Conc: 49.23 ng/ml



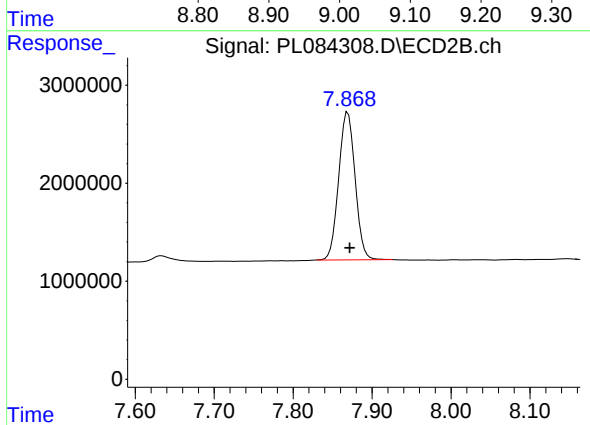
#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.007 min
Response: 26812259
Conc: 20.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
80001MSD

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#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: -0.002 min
Response: 21800825
Conc: 19.62 ng/ml