

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050923\
 Data File : PL082595.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2023 14:06
 Operator : AR\AJ
 Sample : 02665-08MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TR-612-COMP-02MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/10/2023
 Supervised By :Ankita Jodhani 05/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 09 21:12:58 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...	3.319	2.642	45771372	38898302	17.135	16.790
28)	SA Decachlor...	8.738	7.752	33743203	38026802	17.675	16.660
Target Compounds							
2)	A alpha-BHC	3.769	3.139	178.0E6	146.5E6	44.725	43.043
3)	MA gamma-BHC...	4.097	3.466	175.9E6	146.2E6	47.047	45.481
4)	MA Heptachlor	4.675	3.798	166.5E6	145.5E6	45.574	42.505
5)	MB Aldrin	5.012	4.075	157.5E6	145.2E6	47.774	46.100
6)	B beta-BHC	4.300	3.767	76047032	57946231	44.589	42.470
7)	B delta-BHC	4.542	3.992	166.3E6	135.9E6	46.215	44.314
8)	B Heptachlo...	5.438	4.576	145.2E6	131.0E6	47.605	45.487
9)	A Endosulfan I	5.819	4.943	135.3E6	122.4E6	48.779	45.864
10)	B gamma-Chl...	5.692	4.825	141.1E6	141.3E6	46.914	48.692
11)	B alpha-Chl...	5.771	4.888	146.6E6	136.4E6	49.131	46.975
12)	B 4,4'-DDE	5.949	5.078	121.7E6	109.1E6	47.871	47.451
13)	MA Dieldrin	6.093	5.207	134.6E6	126.6E6	48.786	46.871
14)	MA Endrin	6.320	5.480	117.1E6	115.3E6	48.287	47.141m
15)	B Endosulfa...	6.543	5.778	55865043	111.8E6	22.947	49.598 #
16)	A 4,4'-DDD	6.464	5.632	109.3E6	87036350	53.895	46.534
17)	MA 4,4'-DDT	6.776	5.881	110.0E6	99883064	48.087	47.280
18)	B Endrin al...	6.671	5.958	95409515	94705605	50.637m	50.607
19)	B Endosulfa...	6.906	6.180	113.7E6	108.7E6	47.952	46.168
20)	A Methoxychlor	7.257	6.458	59567076	58965421	48.812	48.658m
21)	B Endrin ke...	7.387	6.684	112.2E6	124.0E6	46.857	48.855m
22)	Mirex	7.850	6.855	90437156	103.8E6	46.228	45.038m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050923\
Data File : PL082595.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2023 14:06
Operator : AR\AJ
Sample : 02665-08MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

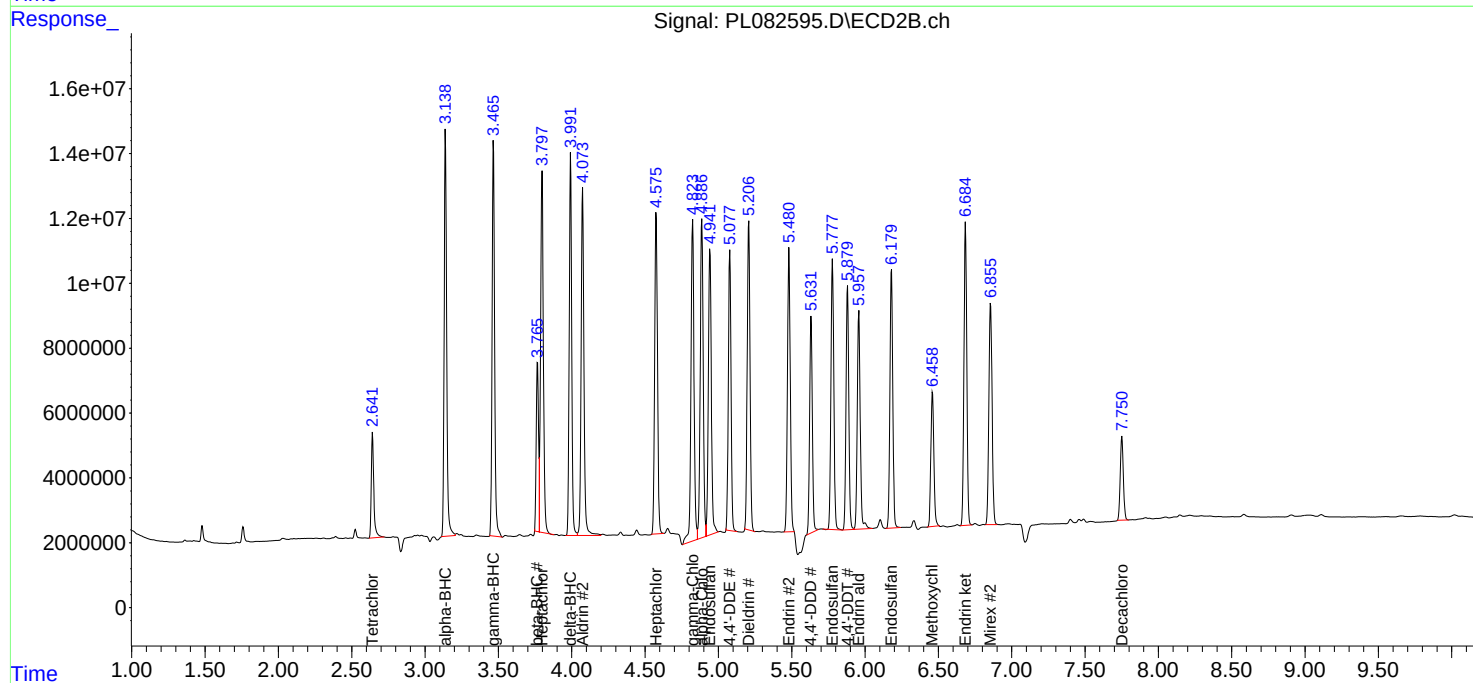
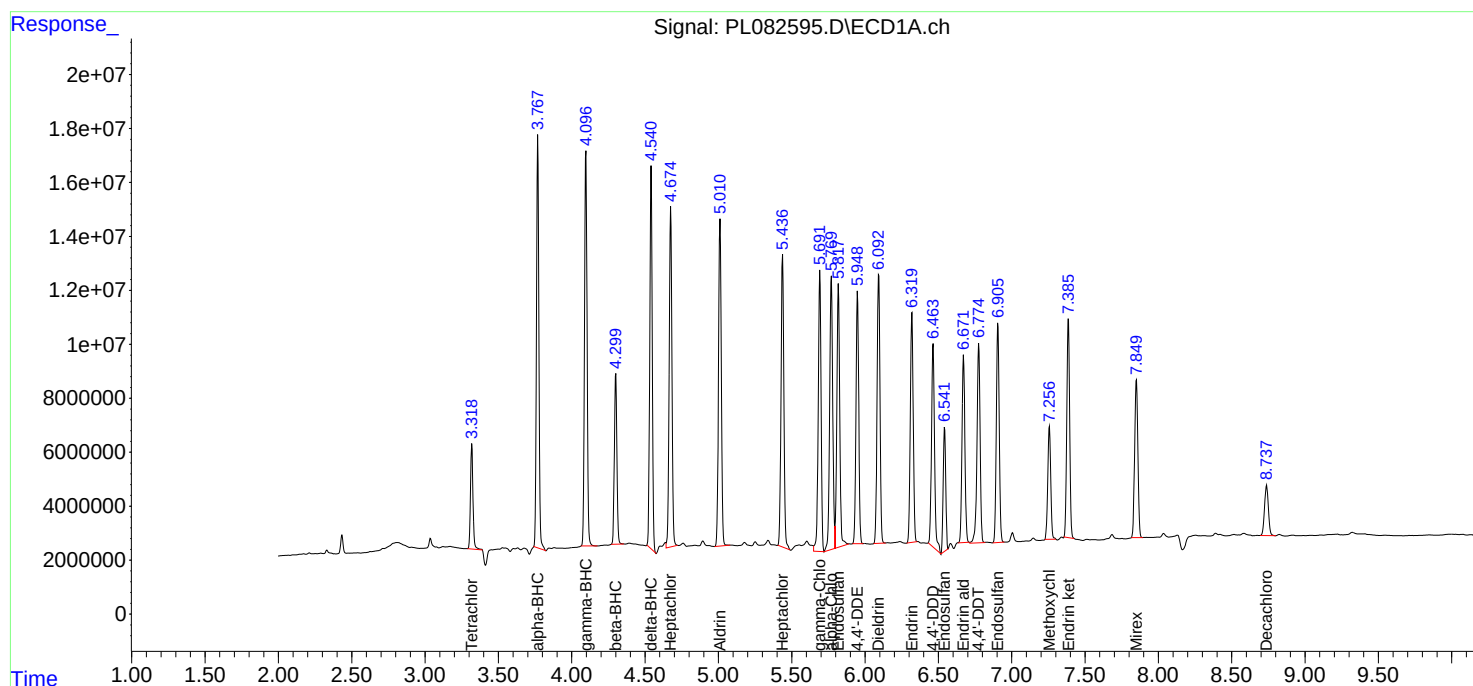
Instrument :
ECD_L
ClientSampleId :
TR-612-COMP-02MSD

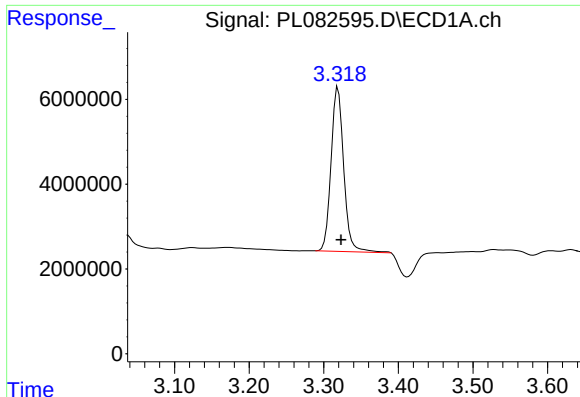
Manual Integrations
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Supervised By :Ankita Jodhani 05/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 09 21:12:58 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
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





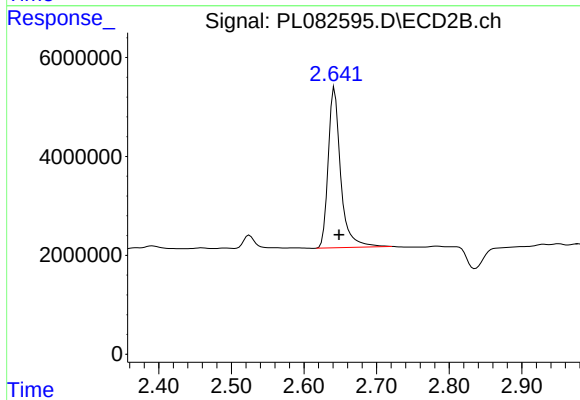
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.004 min
Response: 45771372
Conc: 17.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-612-COMP-02MSD

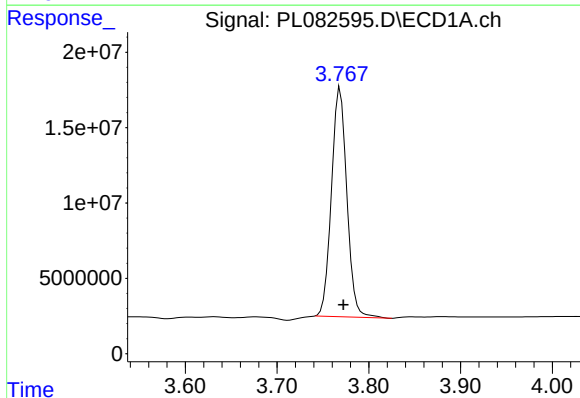
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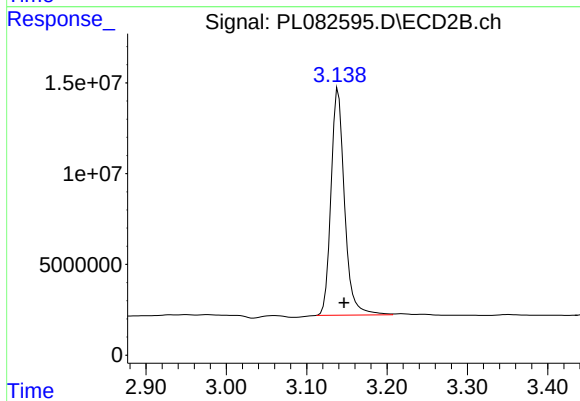
#1 Tetrachloro-m-xylene

R.T.: 2.642 min
Delta R.T.: -0.006 min
Response: 38898302
Conc: 16.79 ng/ml



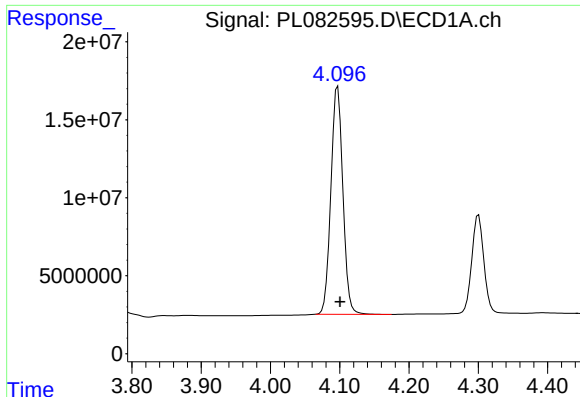
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 178017286
Conc: 44.73 ng/ml



#2 alpha-BHC

R.T.: 3.139 min
Delta R.T.: -0.007 min
Response: 146495851
Conc: 43.04 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.003 min
Response: 175906366
Conc: 47.05 ng/ml

Instrument :

ECD_L

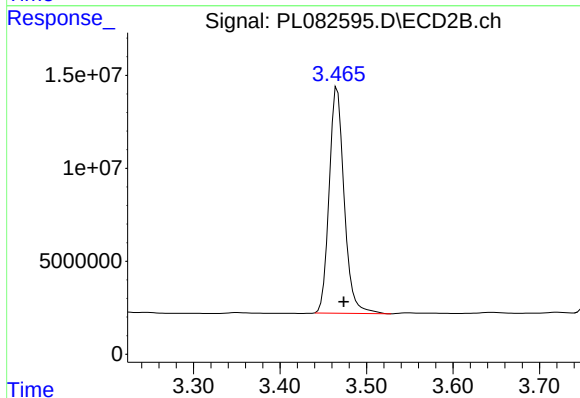
ClientSampleId :

TR-612-COMP-02MSD

Manual Integrations

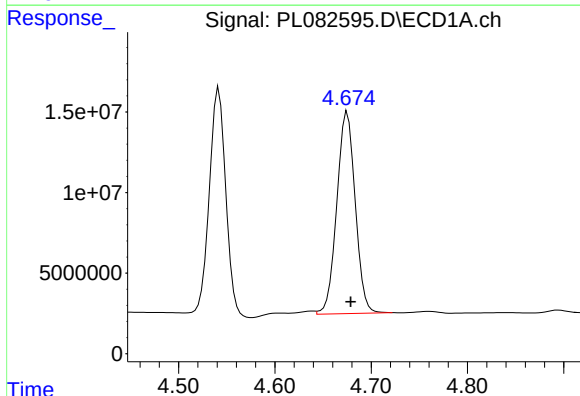
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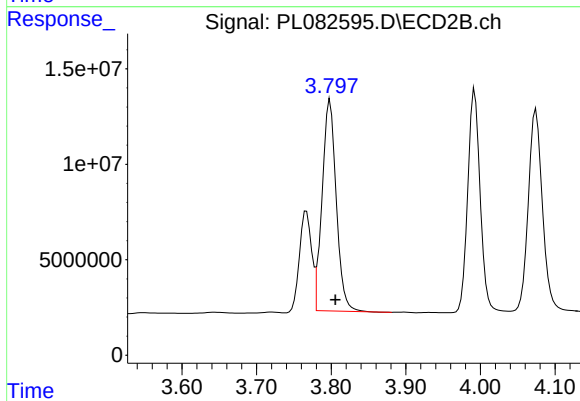
#3 gamma-BHC (Lindane)

R.T.: 3.466 min
Delta R.T.: -0.007 min
Response: 146234581
Conc: 45.48 ng/ml



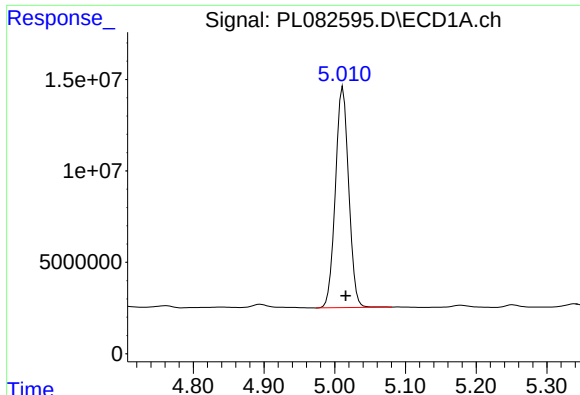
#4 Heptachlor

R.T.: 4.675 min
Delta R.T.: -0.003 min
Response: 166525697
Conc: 45.57 ng/ml



#4 Heptachlor

R.T.: 3.798 min
Delta R.T.: -0.007 min
Response: 145506573
Conc: 42.51 ng/ml



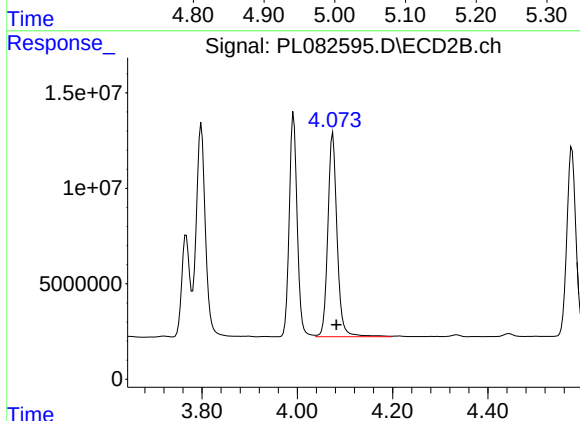
#5 Aldrin

R.T.: 5.012 min
Delta R.T.: -0.004 min
Response: 157538719
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-612-COMP-02MSD

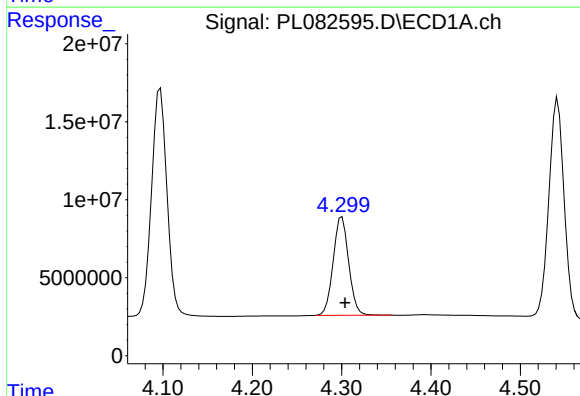
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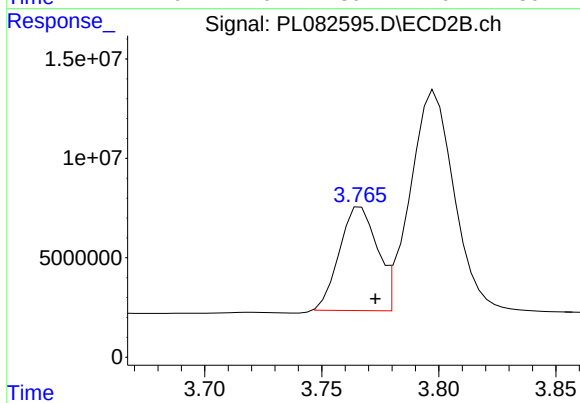
#5 Aldrin

R.T.: 4.075 min
Delta R.T.: -0.008 min
Response: 145207802
Conc: 46.10 ng/ml



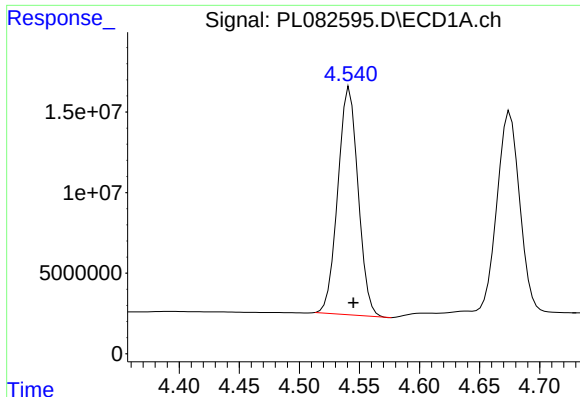
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.003 min
Response: 76047032
Conc: 44.59 ng/ml



#6 beta-BHC

R.T.: 3.767 min
Delta R.T.: -0.006 min
Response: 57946231
Conc: 42.47 ng/ml



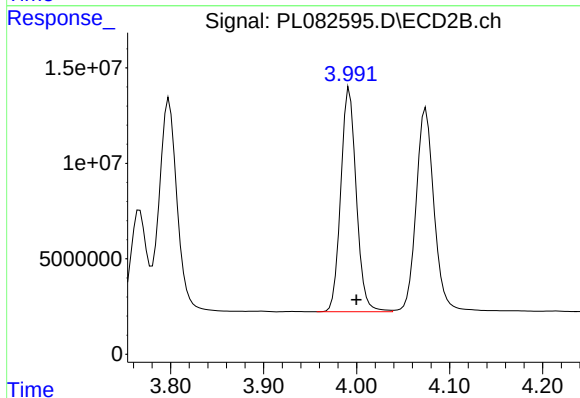
#7 delta-BHC

R.T.: 4.542 min
Delta R.T.: -0.003 min
Response: 166271637
Conc: 46.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-612-COMP-02MSD

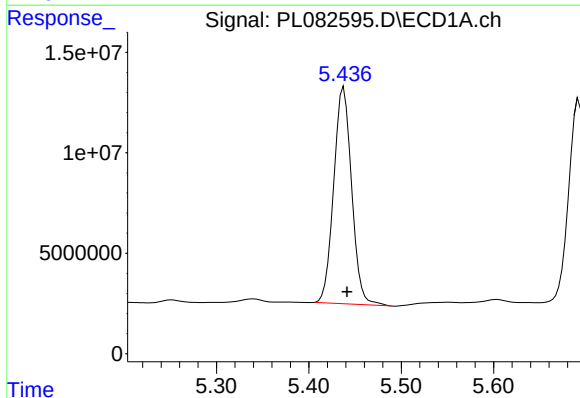
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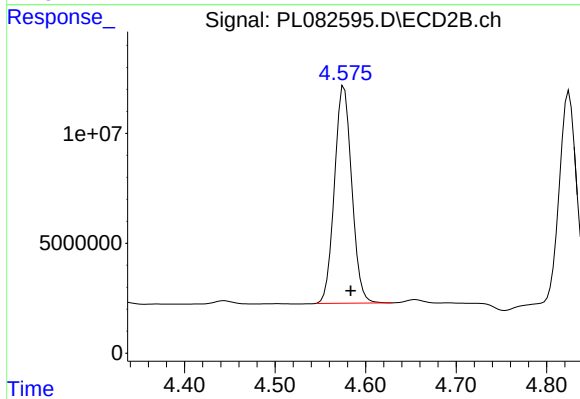
#7 delta-BHC

R.T.: 3.992 min
Delta R.T.: -0.007 min
Response: 135929450
Conc: 44.31 ng/ml



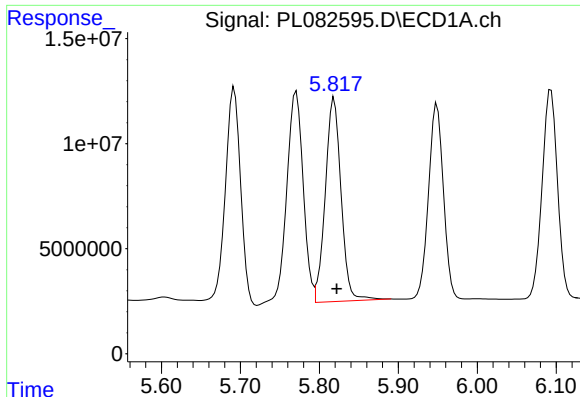
#8 Heptachlor epoxide

R.T.: 5.438 min
Delta R.T.: -0.003 min
Response: 145210890
Conc: 47.60 ng/ml



#8 Heptachlor epoxide

R.T.: 4.576 min
Delta R.T.: -0.007 min
Response: 131043119
Conc: 45.49 ng/ml



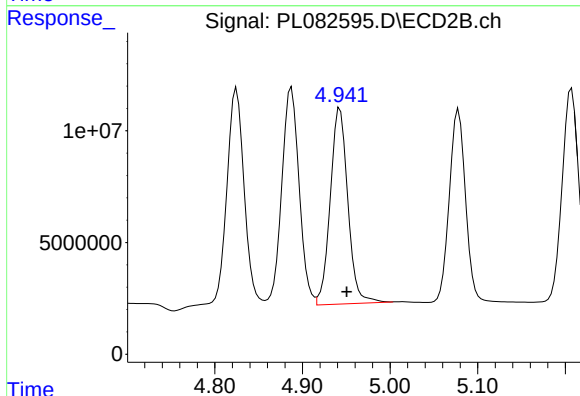
#9 Endosulfan I

R.T.: 5.819 min
Delta R.T.: -0.003 min
Response: 135252046
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-612-COMP-02MSD

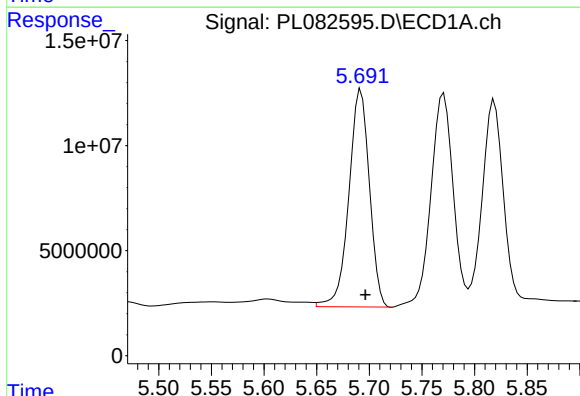
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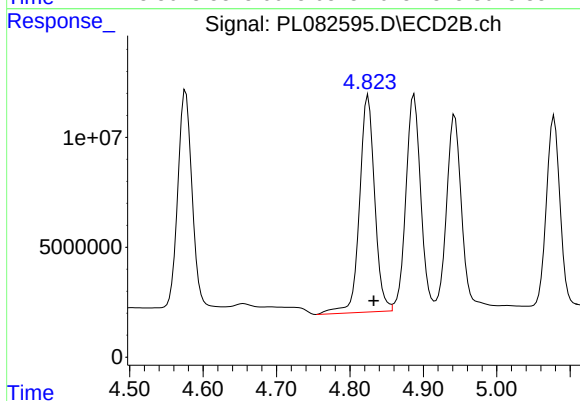
#9 Endosulfan I

R.T.: 4.943 min
Delta R.T.: -0.008 min
Response: 122432471
Conc: 45.86 ng/ml



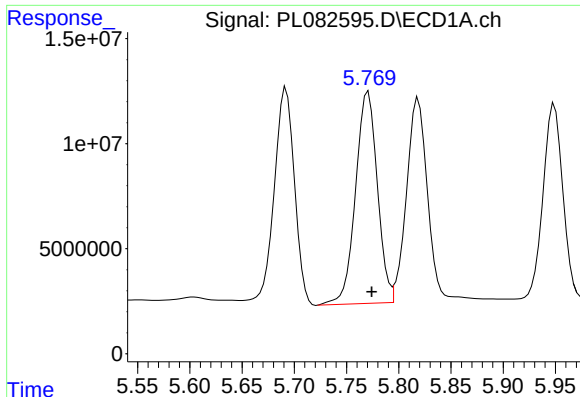
#10 gamma-Chlordane

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 141063599
Conc: 46.91 ng/ml



#10 gamma-Chlordane

R.T.: 4.825 min
Delta R.T.: -0.008 min
Response: 141295738
Conc: 48.69 ng/ml



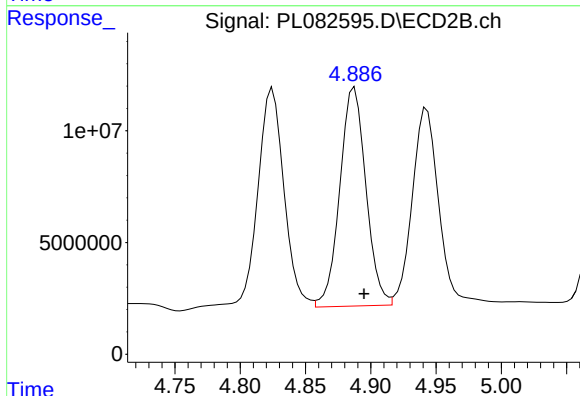
#11 alpha-Chlordane

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 146637328
Conc: 49.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-612-COMP-02MSD

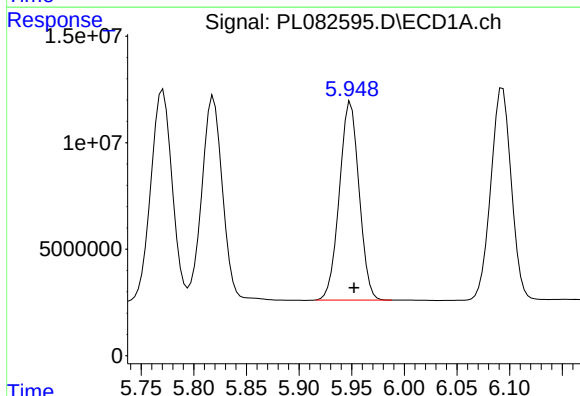
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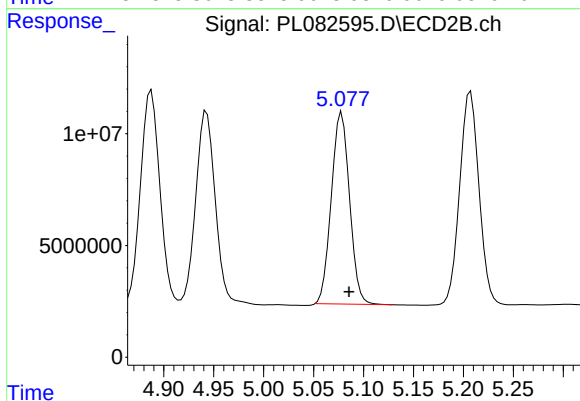
#11 alpha-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 136361019
Conc: 46.98 ng/ml



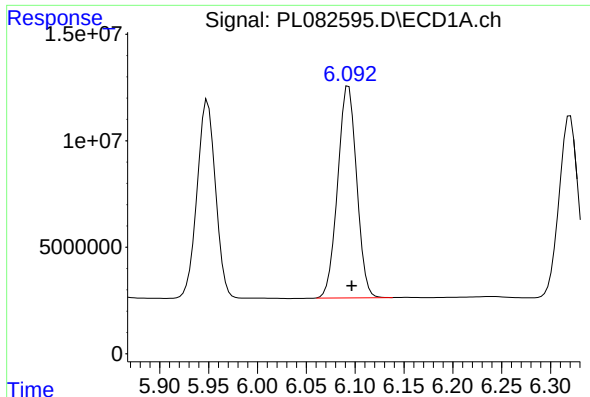
#12 4,4'-DDE

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 121690926
Conc: 47.87 ng/ml



#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: -0.007 min
Response: 109087822
Conc: 47.45 ng/ml



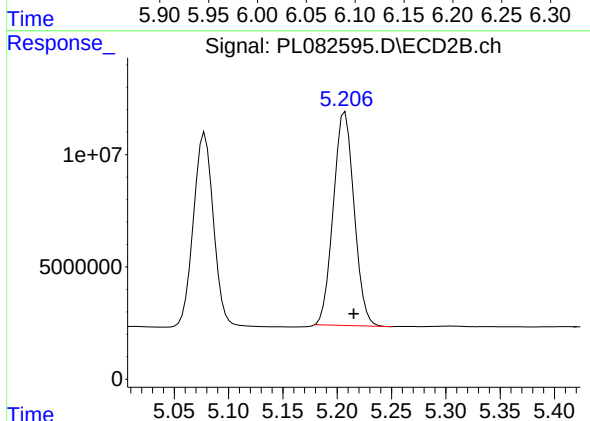
#13 Dieldrin

R.T.: 6.093 min
Delta R.T.: -0.003 min
Response: 134605716
Conc: 48.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-612-COMP-02MSD

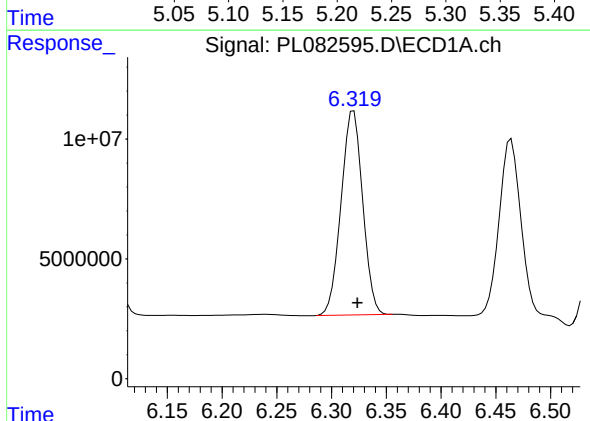
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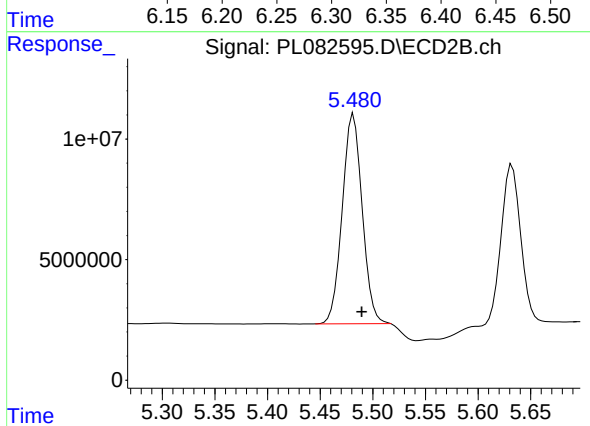
#13 Dieldrin

R.T.: 5.207 min
Delta R.T.: -0.008 min
Response: 126569174
Conc: 46.87 ng/ml



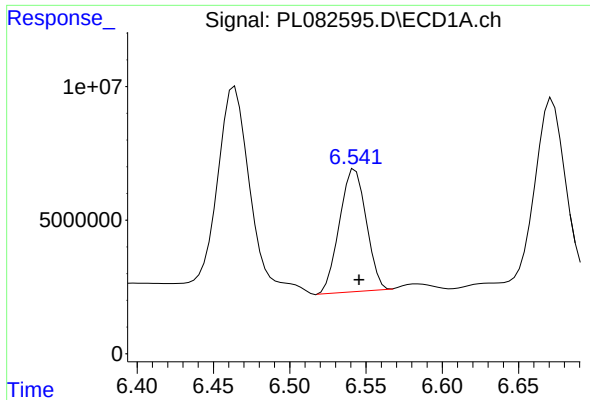
#14 Endrin

R.T.: 6.320 min
Delta R.T.: -0.004 min
Response: 117074318
Conc: 48.29 ng/ml



#14 Endrin

R.T.: 5.480 min
Delta R.T.: -0.009 min
Response: 115303751
Conc: 47.14 ng/ml m



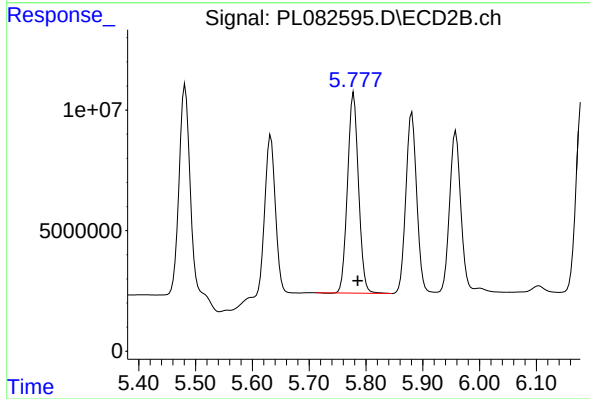
#15 Endosulfan II

R.T.: 6.543 min
Delta R.T.: -0.002 min
Response: 55865043
Conc: 22.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-612-COMP-02MSD

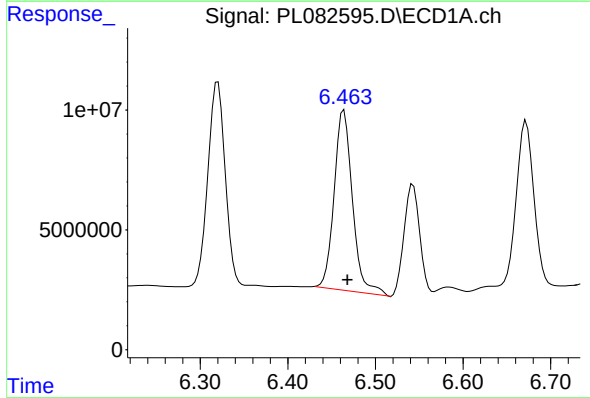
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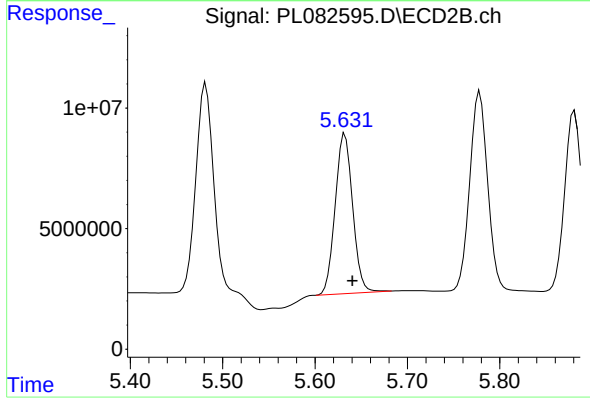
#15 Endosulfan II

R.T.: 5.778 min
Delta R.T.: -0.007 min
Response: 111800007
Conc: 49.60 ng/ml



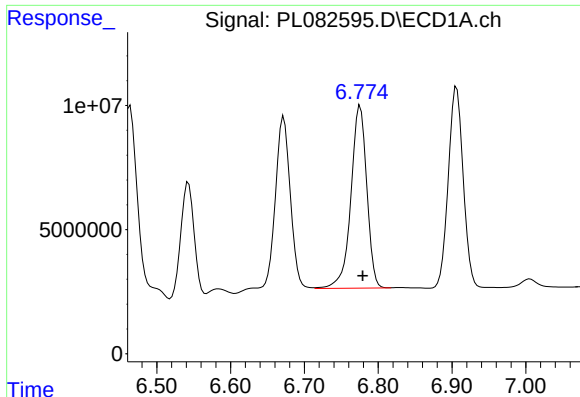
#16 4,4'-DDD

R.T.: 6.464 min
Delta R.T.: -0.004 min
Response: 109255393
Conc: 53.89 ng/ml



#16 4,4'-DDD

R.T.: 5.632 min
Delta R.T.: -0.008 min
Response: 87036350
Conc: 46.53 ng/ml



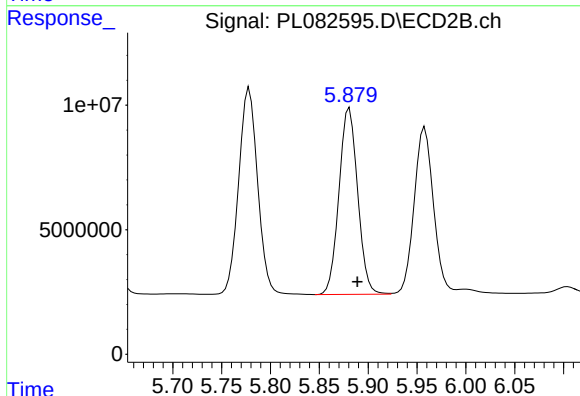
#17 4,4'-DDT

R.T.: 6.776 min
Delta R.T.: -0.003 min
Response: 110009985
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-612-COMP-02MSD

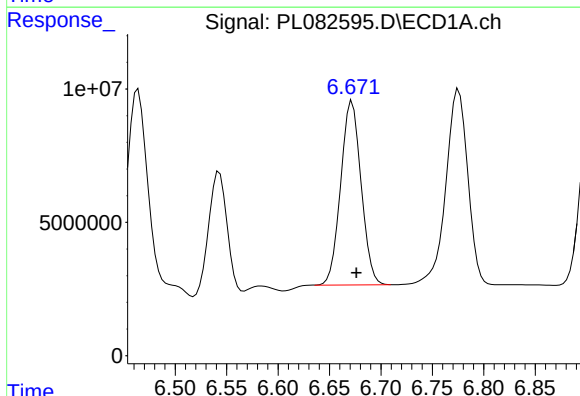
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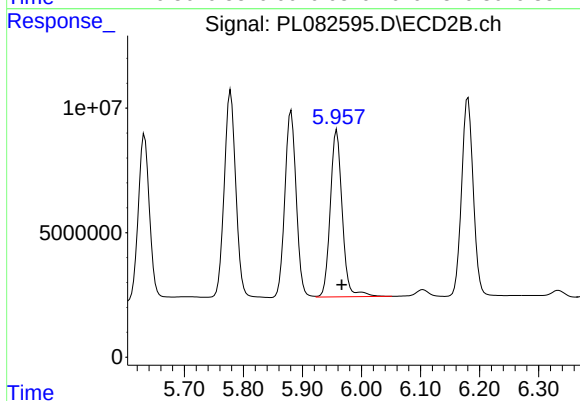
#17 4,4'-DDT

R.T.: 5.881 min
Delta R.T.: -0.008 min
Response: 99883064
Conc: 47.28 ng/ml



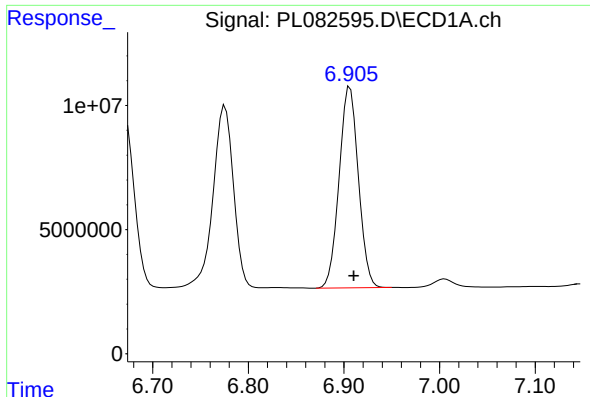
#18 Endrin aldehyde

R.T.: 6.671 min
Delta R.T.: -0.006 min
Response: 95409515
Conc: 50.64 ng/ml m



#18 Endrin aldehyde

R.T.: 5.958 min
Delta R.T.: -0.008 min
Response: 94705605
Conc: 50.61 ng/ml



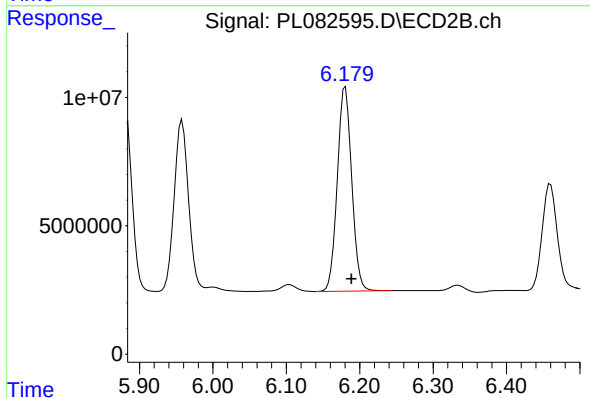
#19 Endosulfan Sulfate

R.T.: 6.906 min
Delta R.T.: -0.004 min
Response: 113718997
Conc: 47.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-612-COMP-02MSD

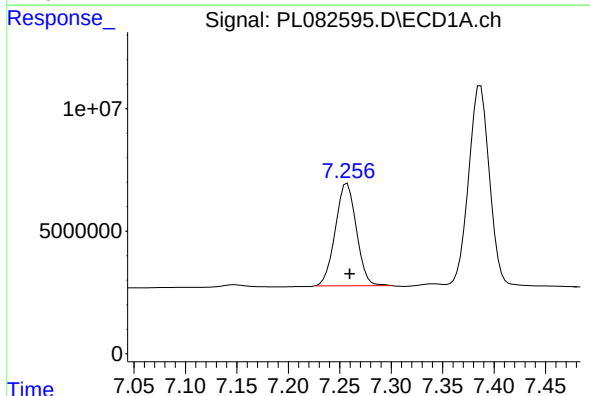
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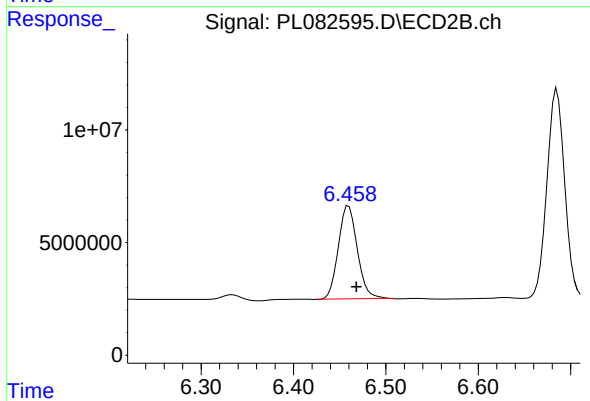
#19 Endosulfan Sulfate

R.T.: 6.180 min
Delta R.T.: -0.008 min
Response: 108692223
Conc: 46.17 ng/ml



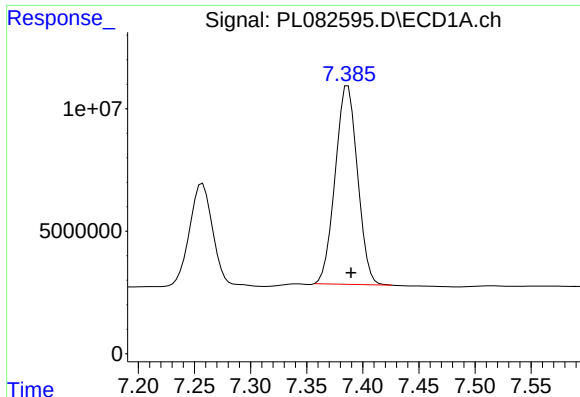
#20 Methoxychlor

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 59567076
Conc: 48.81 ng/ml



#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: -0.010 min
Response: 58965421
Conc: 48.66 ng/ml m



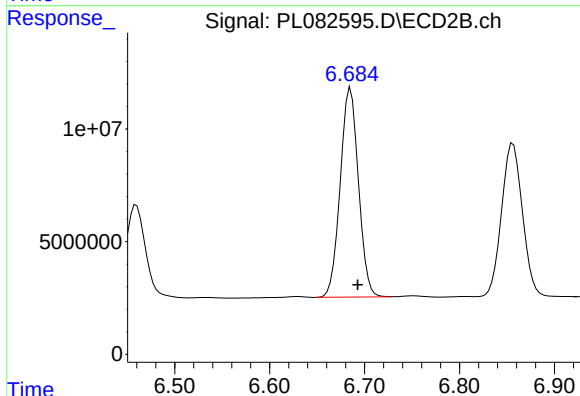
#21 Endrin ketone

R.T.: 7.387 min
Delta R.T.: -0.003 min
Response: 112194325
Conc: 46.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-612-COMP-02MSD

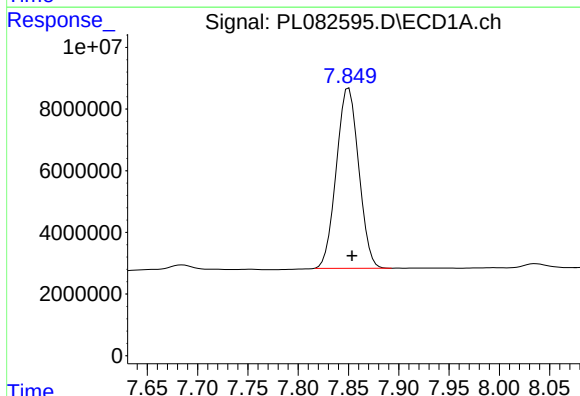
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/10/2023
Supervised By :Ankita Jodhani 05/10/2023



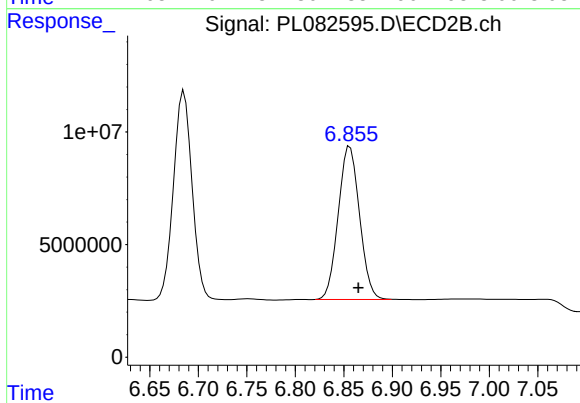
#21 Endrin ketone

R.T.: 6.684 min
Delta R.T.: -0.009 min
Response: 124002428
Conc: 48.85 ng/ml m



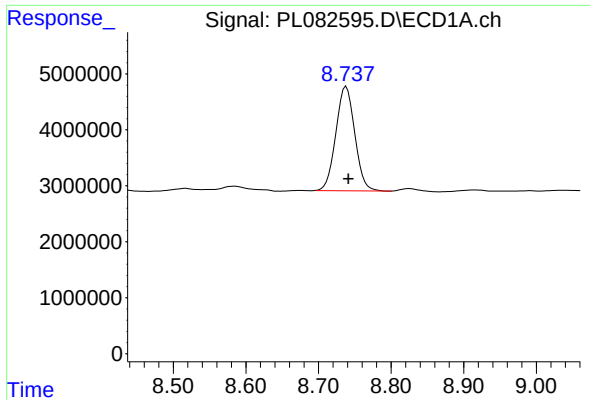
#22 Mirex

R.T.: 7.850 min
Delta R.T.: -0.003 min
Response: 90437156
Conc: 46.23 ng/ml



#22 Mirex

R.T.: 6.855 min
Delta R.T.: -0.010 min
Response: 103778498
Conc: 45.04 ng/ml m



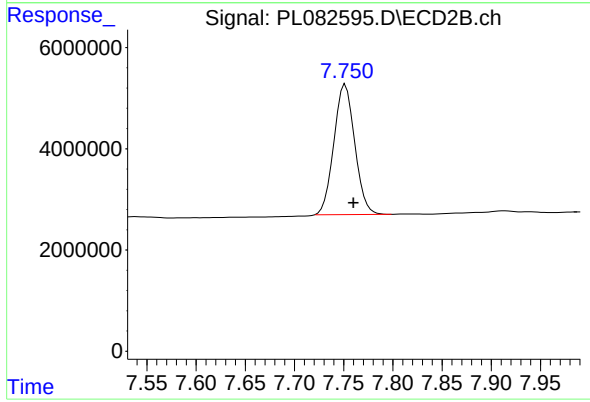
#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: -0.003 min
Response: 33743203
Conc: 17.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-612-COMP-02MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.752 min
Delta R.T.: -0.008 min
Response: 38026802
Conc: 16.66 ng/ml