

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101723\
 Data File : PL085978.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2023 15:16
 Operator : AR\AJ
 Sample : 04905-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LSS-B4-COMP-101323MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/18/2023
 Supervised By :Ankita Jodhani 10/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 22:03:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.355	2.621	52100252	16669228	17.518	17.845
28)	SA Decachlor...	8.858	7.774	38104868	16955686	17.495	18.370
Target Compounds							
2)	A alpha-BHC	3.809	3.120	209.1E6	59365932	48.729	47.186
3)	MA gamma-BHC...	4.141	3.448	200.5E6	59793637	48.520	48.481
4)	MA Heptachlor	4.727	3.784	195.6E6	60016067	50.585m	51.602
5)	MB Aldrin	5.068	4.061	192.7E6	59293346	49.708	53.023
6)	B beta-BHC	4.344	3.750	86607197	25817796	52.374	49.594
7)	B delta-BHC	4.587	3.975	193.1E6	57517328	50.360	50.060
8)	B Heptachlo...	5.498	4.566	172.2E6	54714727	49.914	54.475
9)	A Endosulfan I	5.882	4.933	162.1E6	51502060	50.109	48.010
10)	B gamma-Chl...	5.755	4.817	176.2E6	55979642	51.497	56.523
11)	B alpha-Chl...	5.834	4.881	173.6E6	56425213	50.791	51.732
12)	B 4,4'-DDE	6.018	5.080	152.5E6	49090925	54.515	59.784
13)	MA Dieldrin	6.158	5.199	166.3E6	54486437	50.605	56.159
14)	MA Endrin	6.387	5.473	148.1E6	50222270	51.967	55.864
15)	B Endosulfa...	6.610	5.771	140.6E6	50247593	51.024	52.840
16)	A 4,4'-DDD	6.537	5.636	116.0E6	40124956	57.598	57.647
17)	MA 4,4'-DDT	6.852	5.887	128.0E6	47188068	54.306	59.675
18)	B Endrin al...	6.741	5.952	112.5E6	41550601	55.510	55.720
19)	B Endosulfa...	6.977	6.176	133.5E6	47925910	53.208	53.126
20)	A Methoxychlor	7.337	6.472	72946752	28378597	52.231	53.944
21)	B Endrin ke...	7.458	6.678	143.7E6	59210437	49.875	51.514
22)	Mirex	7.932	6.855	133.1E6	57433358	60.134	60.894

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101723\
Data File : PL085978.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2023 15:16
Operator : AR\AJ
Sample : 04905-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

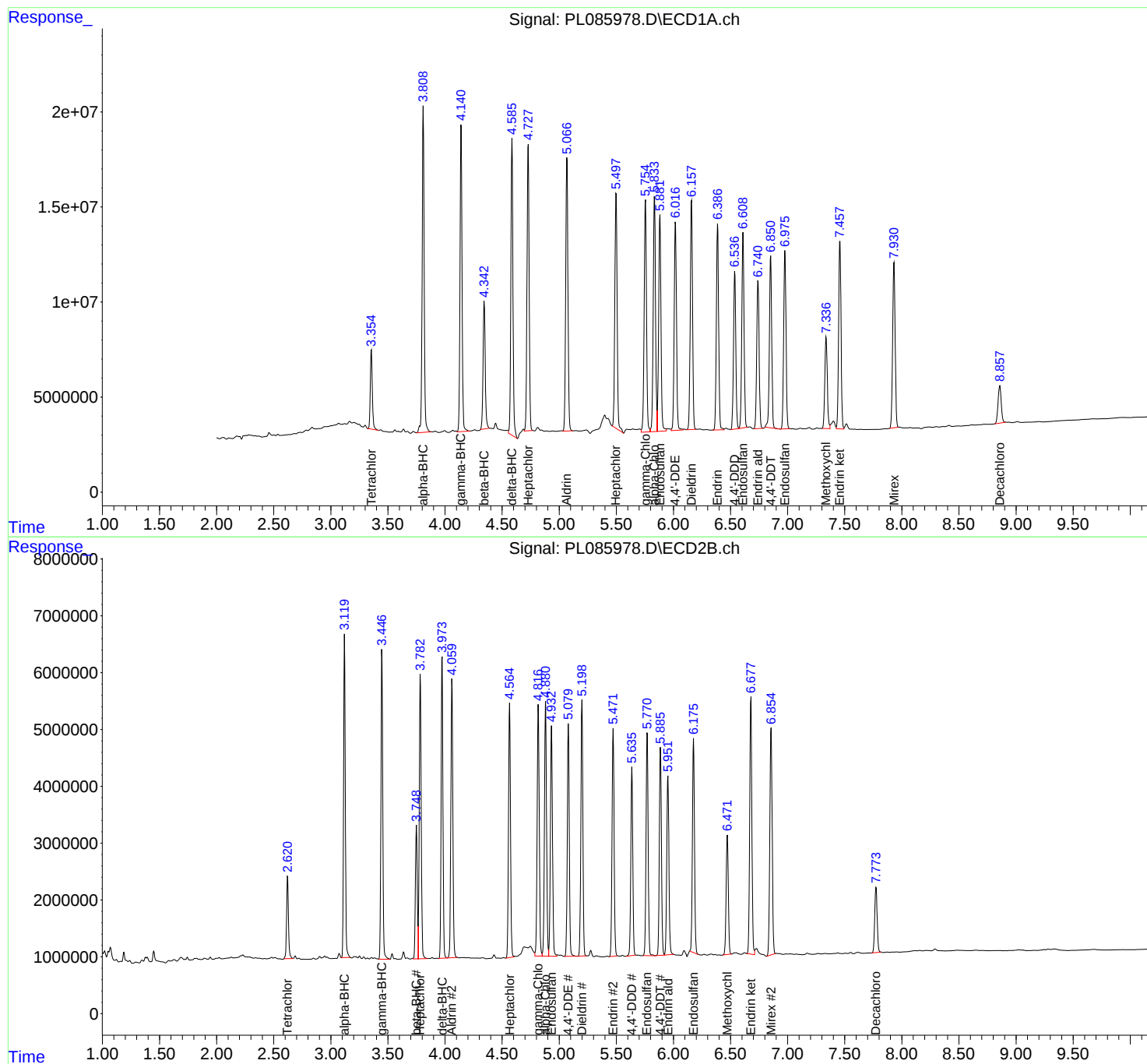
Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MS

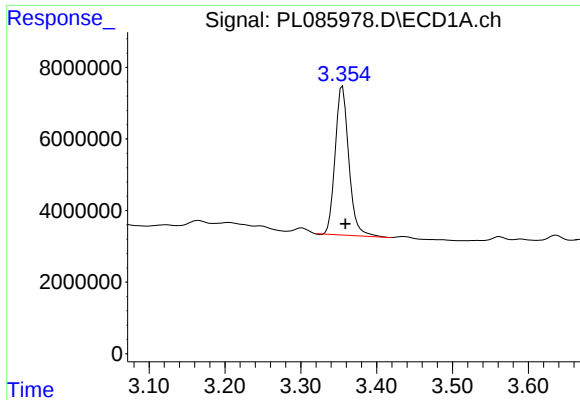
Manual Integrations
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Supervised By :Ankita Jodhani 10/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 22:03:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 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





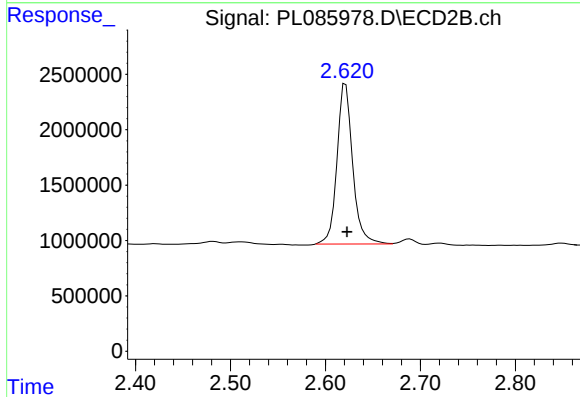
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 52100252
Conc: 17.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MS

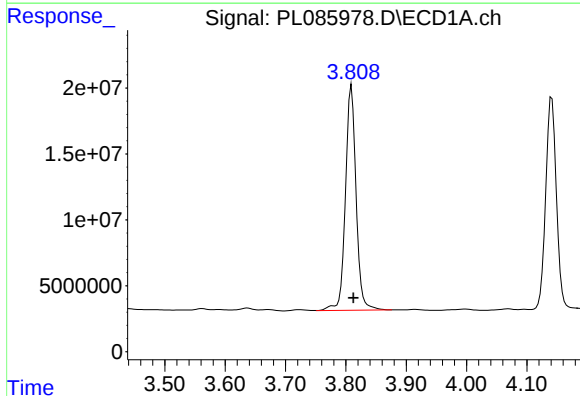
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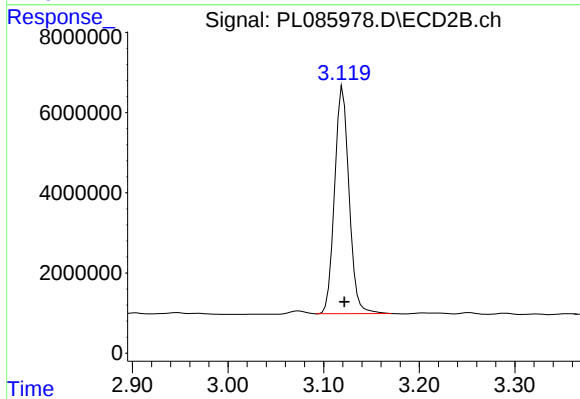
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.002 min
Response: 16669228
Conc: 17.84 ng/ml



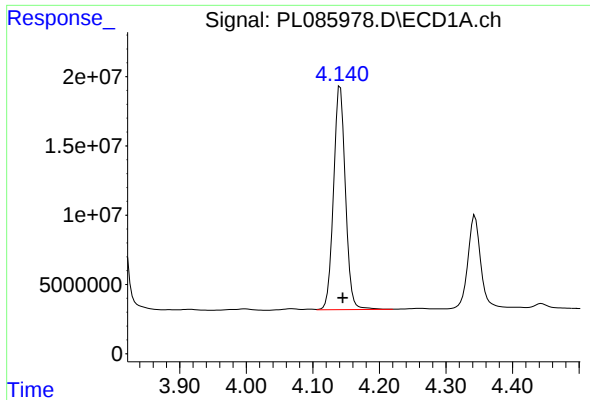
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 209140718
Conc: 48.73 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.002 min
Response: 59365932
Conc: 47.19 ng/ml



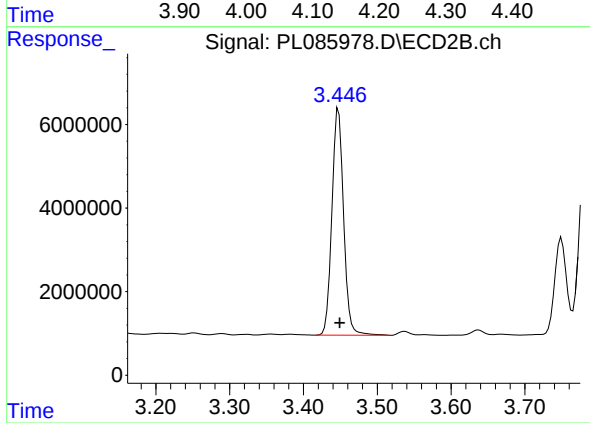
#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 200549999
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MS

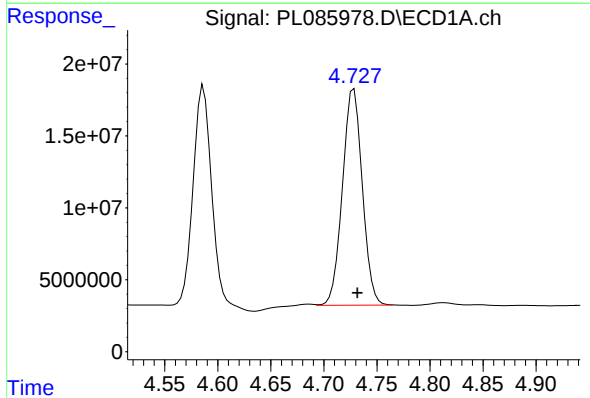
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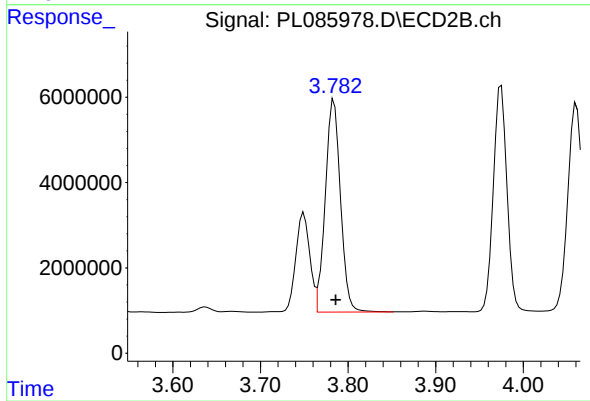
#3 gamma-BHC (Lindane)

R.T.: 3.448 min
Delta R.T.: -0.002 min
Response: 59793637
Conc: 48.48 ng/ml



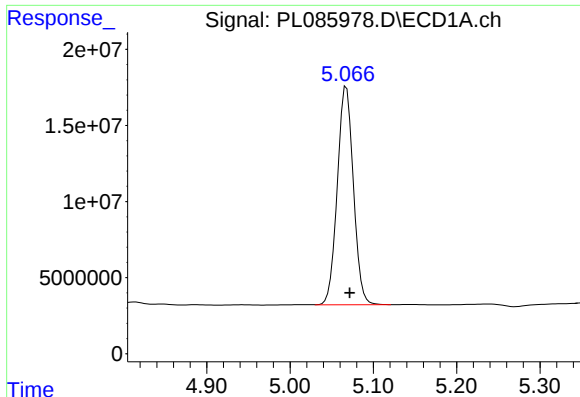
#4 Heptachlor

R.T.: 4.727 min
Delta R.T.: -0.005 min
Response: 195643693
Conc: 50.59 ng/ml m



#4 Heptachlor

R.T.: 3.784 min
Delta R.T.: -0.002 min
Response: 60016067
Conc: 51.60 ng/ml



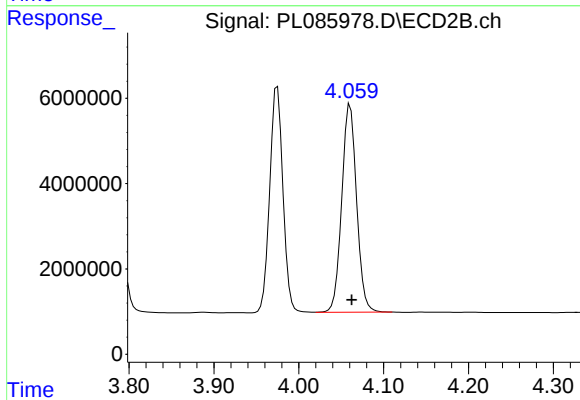
#5 Aldrin

R.T.: 5.068 min
Delta R.T.: -0.004 min
Response: 192684217
Conc: 49.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MS

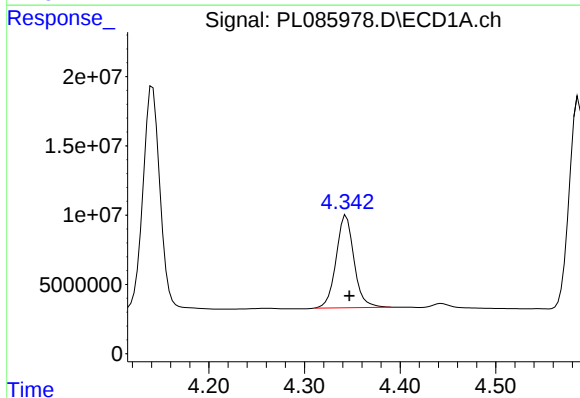
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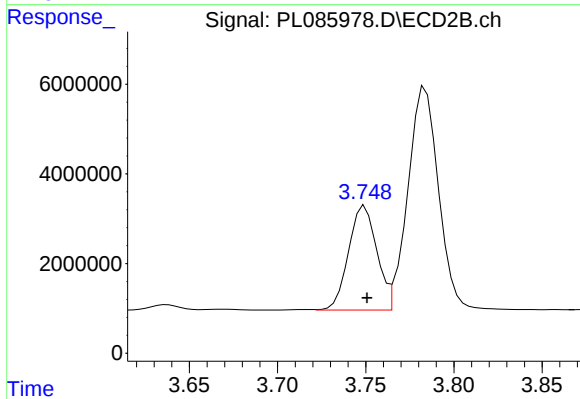
#5 Aldrin

R.T.: 4.061 min
Delta R.T.: -0.002 min
Response: 59293346
Conc: 53.02 ng/ml



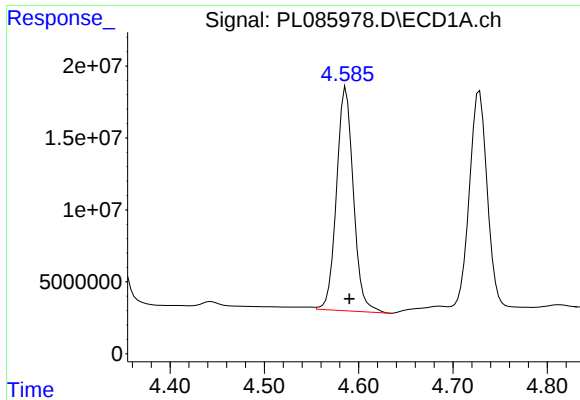
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.004 min
Response: 86607197
Conc: 52.37 ng/ml



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: -0.001 min
Response: 25817796
Conc: 49.59 ng/ml



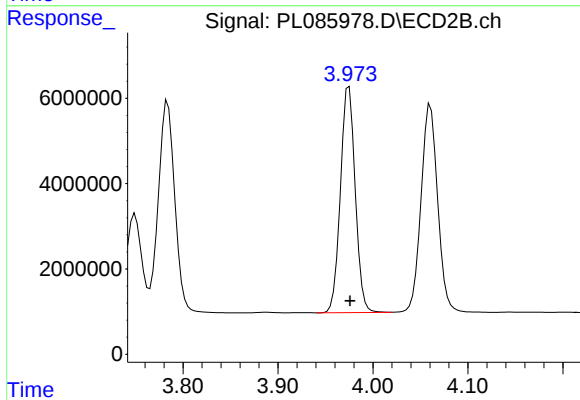
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.004 min
Response: 193101519
Conc: 50.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MS

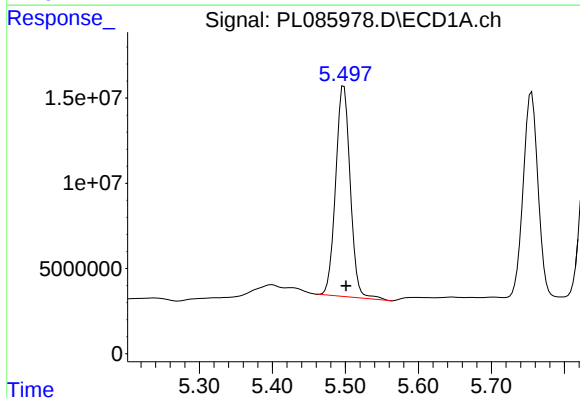
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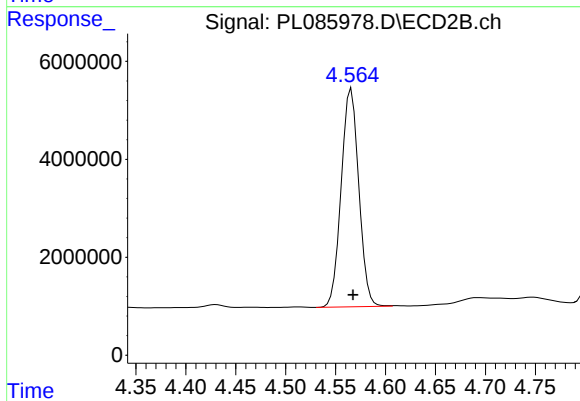
#7 delta-BHC

R.T.: 3.975 min
Delta R.T.: -0.001 min
Response: 57517328
Conc: 50.06 ng/ml



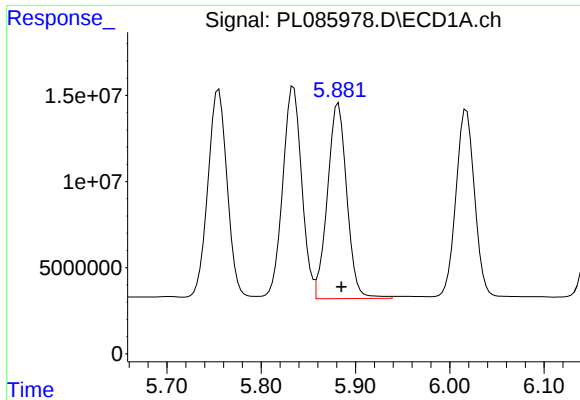
#8 Heptachlor epoxide

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 172194997
Conc: 49.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.566 min
Delta R.T.: -0.002 min
Response: 54714727
Conc: 54.47 ng/ml



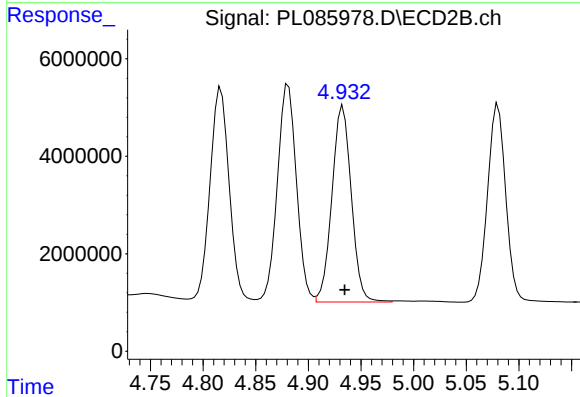
#9 Endosulfan I

R.T.: 5.882 min
Delta R.T.: -0.003 min
Response: 162054492
Conc: 50.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MS

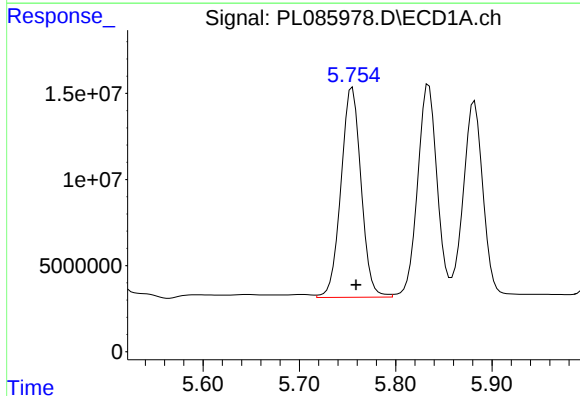
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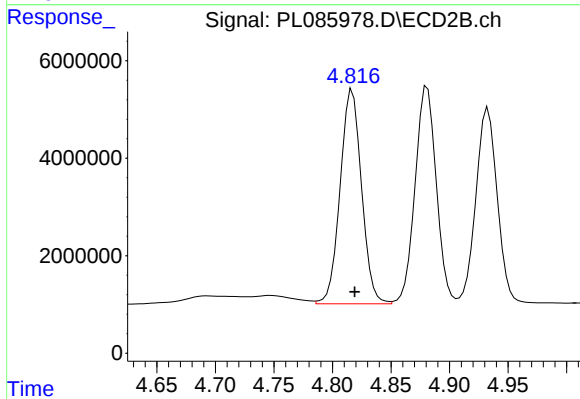
#9 Endosulfan I

R.T.: 4.933 min
Delta R.T.: -0.002 min
Response: 51502060
Conc: 48.01 ng/ml



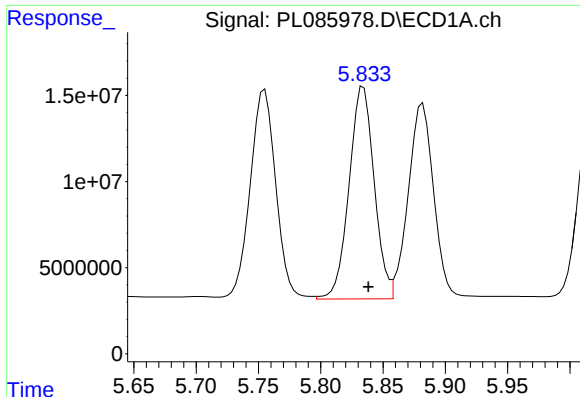
#10 gamma-Chlordane

R.T.: 5.755 min
Delta R.T.: -0.004 min
Response: 176193898
Conc: 51.50 ng/ml



#10 gamma-Chlordane

R.T.: 4.817 min
Delta R.T.: -0.002 min
Response: 55979642
Conc: 56.52 ng/ml



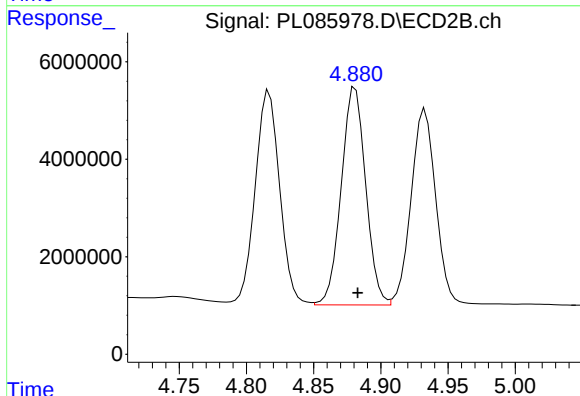
#11 alpha-Chlordane

R.T.: 5.834 min
Delta R.T.: -0.004 min
Response: 173586814
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MS

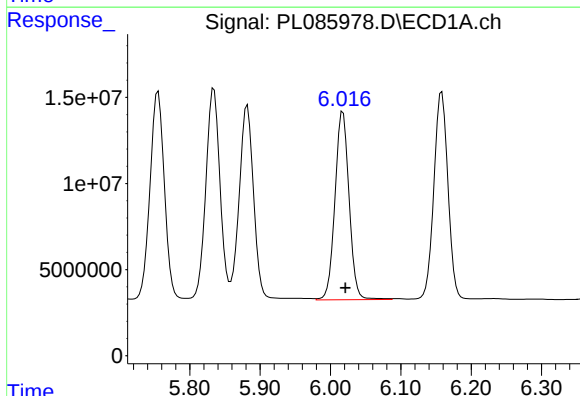
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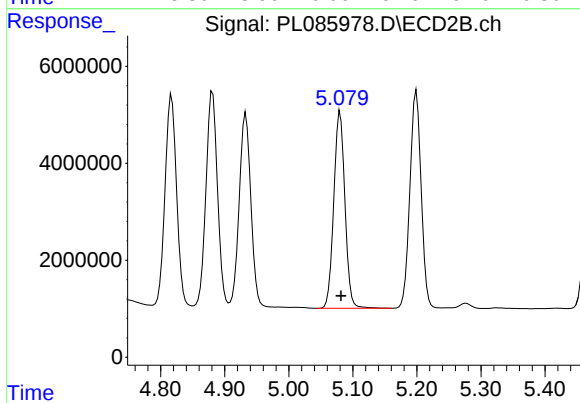
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: -0.002 min
Response: 56425213
Conc: 51.73 ng/ml



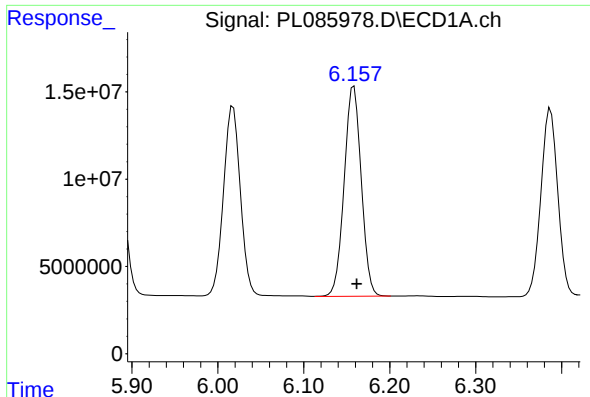
#12 4,4'-DDE

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 152452661
Conc: 54.51 ng/ml



#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.001 min
Response: 49090925
Conc: 59.78 ng/ml



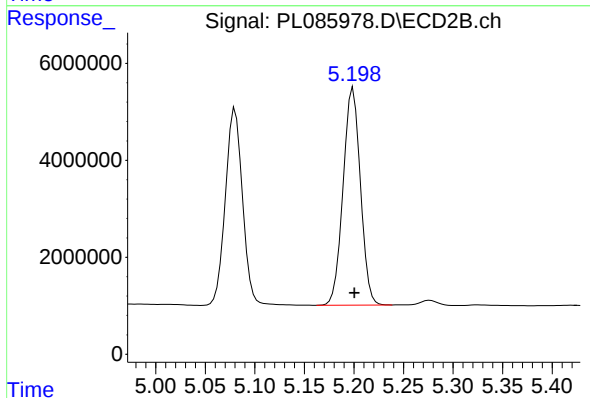
#13 Dieldrin

R.T.: 6.158 min
Delta R.T.: -0.003 min
Response: 166286734
Conc: 50.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MS

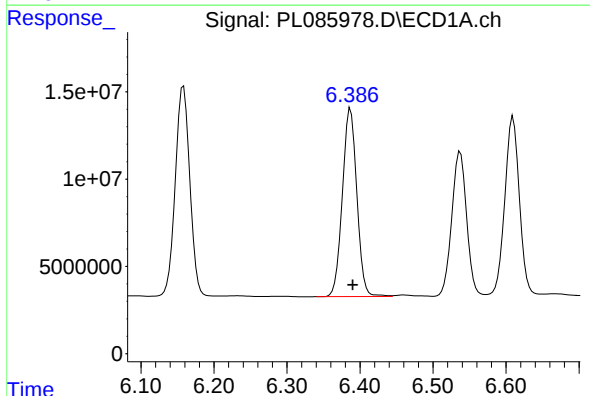
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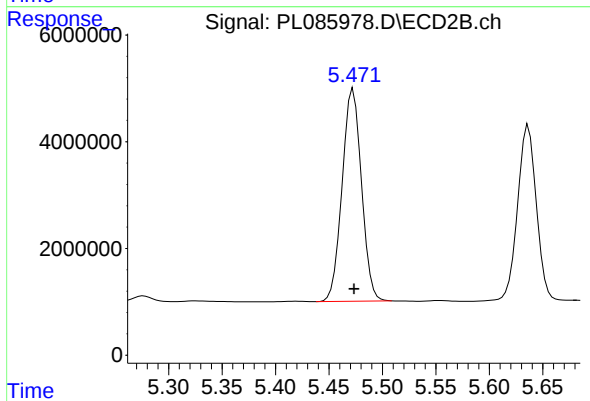
#13 Dieldrin

R.T.: 5.199 min
Delta R.T.: -0.001 min
Response: 54486437
Conc: 56.16 ng/ml



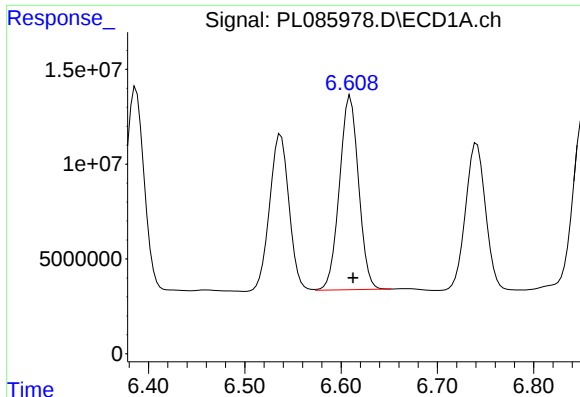
#14 Endrin

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 148092342
Conc: 51.97 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 50222270
Conc: 55.86 ng/ml



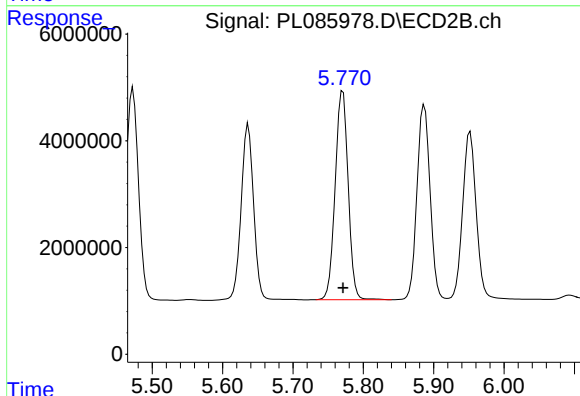
#15 Endosulfan II

R.T.: 6.610 min
Delta R.T.: -0.003 min
Response: 140596509
Conc: 51.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MS

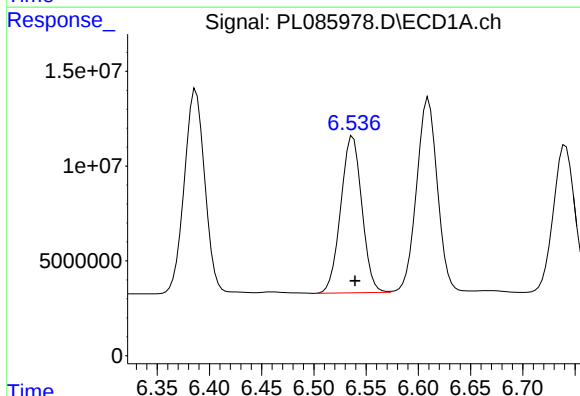
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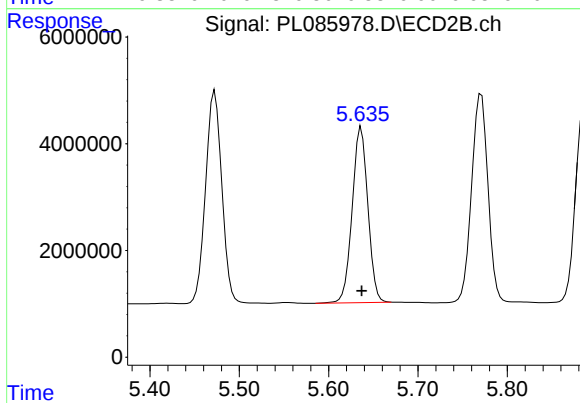
#15 Endosulfan II

R.T.: 5.771 min
Delta R.T.: 0.000 min
Response: 50247593
Conc: 52.84 ng/ml



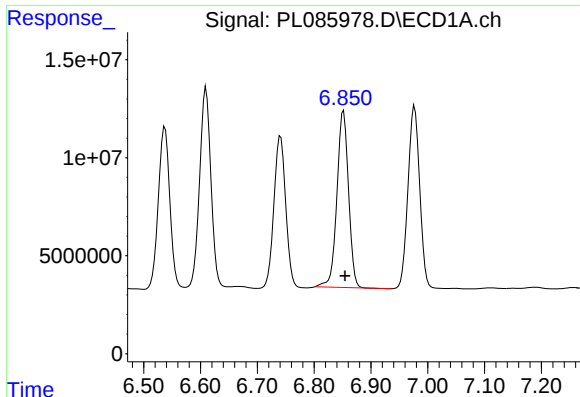
#16 4,4'-DDD

R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 116040092
Conc: 57.60 ng/ml



#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 40124956
Conc: 57.65 ng/ml



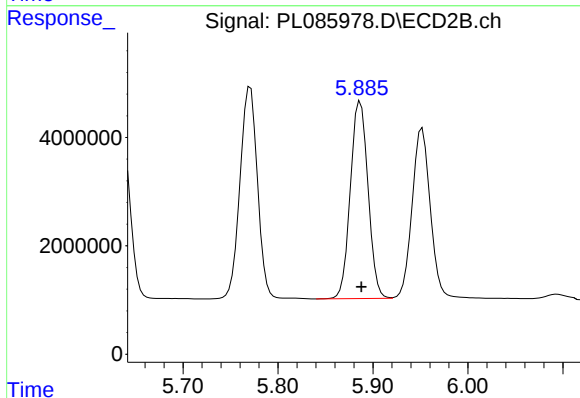
#17 4,4'-DDT

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 128005041
Conc: 54.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MS

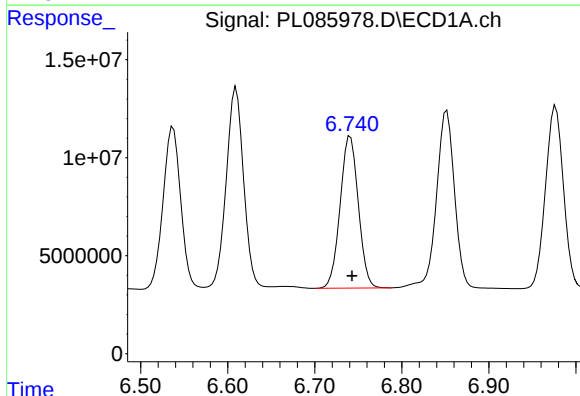
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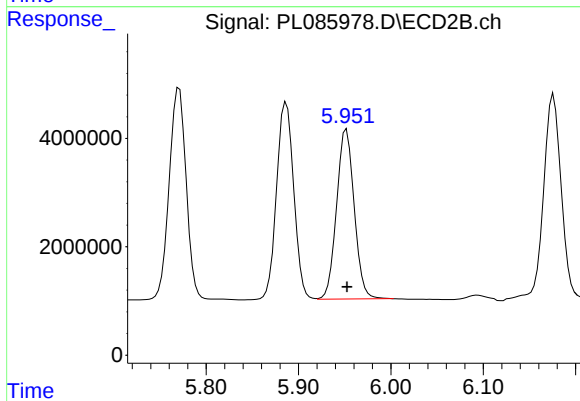
#17 4,4'-DDT

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 47188068
Conc: 59.67 ng/ml



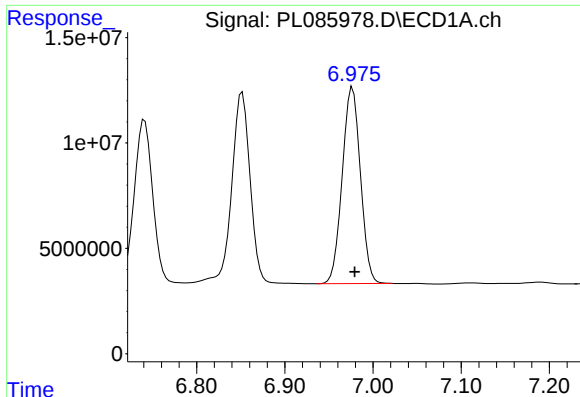
#18 Endrin aldehyde

R.T.: 6.741 min
Delta R.T.: -0.002 min
Response: 112505088
Conc: 55.51 ng/ml



#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 41550601
Conc: 55.72 ng/ml



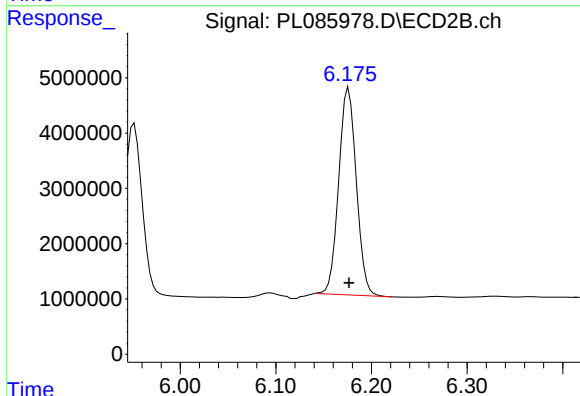
#19 Endosulfan Sulfate

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 133536919
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MS

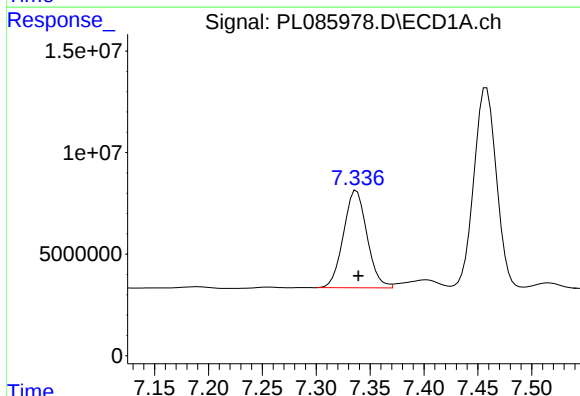
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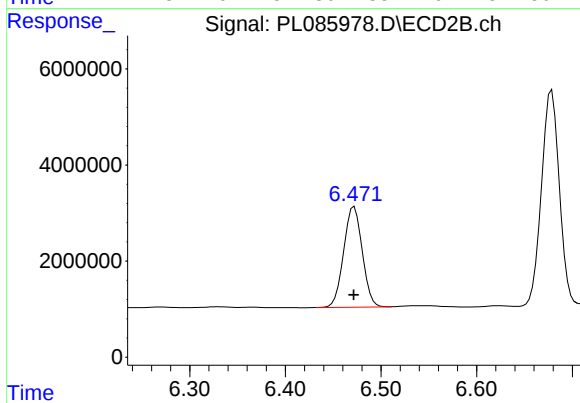
#19 Endosulfan Sulfate

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 47925910
Conc: 53.13 ng/ml



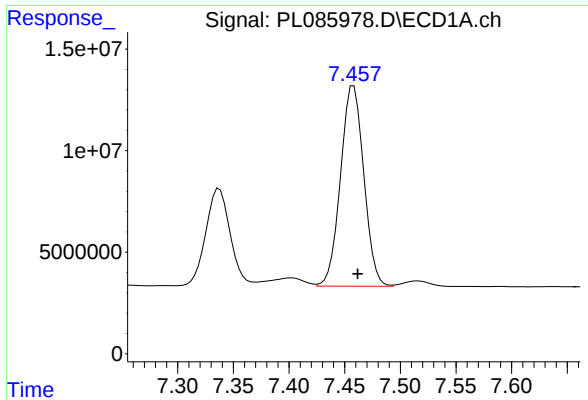
#20 Methoxychlor

R.T.: 7.337 min
Delta R.T.: -0.002 min
Response: 72946752
Conc: 52.23 ng/ml



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 28378597
Conc: 53.94 ng/ml



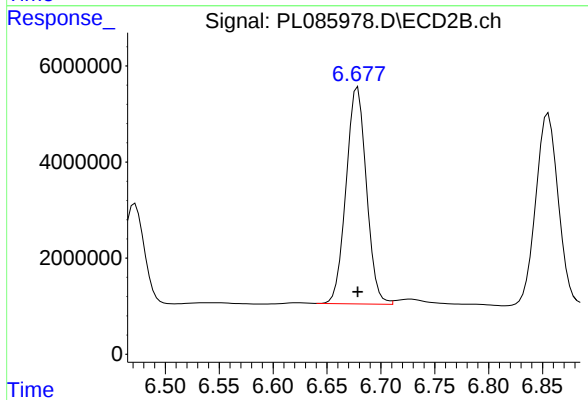
#21 Endrin ketone

R.T.: 7.458 min
Delta R.T.: -0.004 min
Response: 143654814
Conc: 49.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MS

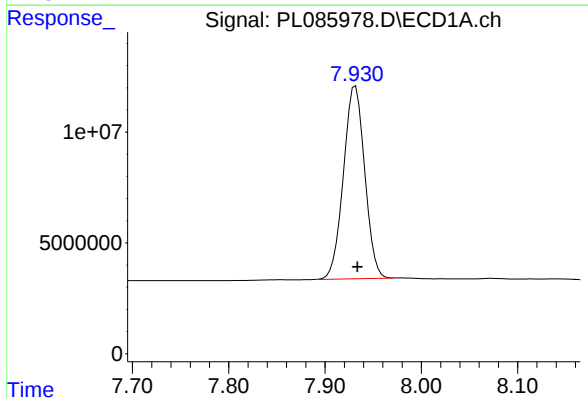
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/18/2023
Supervised By :Ankita Jodhani 10/18/2023



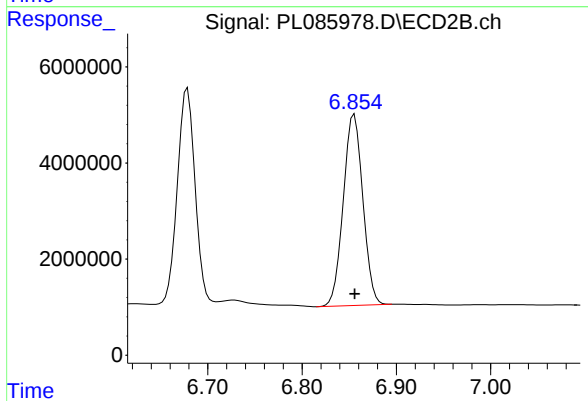
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 59210437
Conc: 51.51 ng/ml



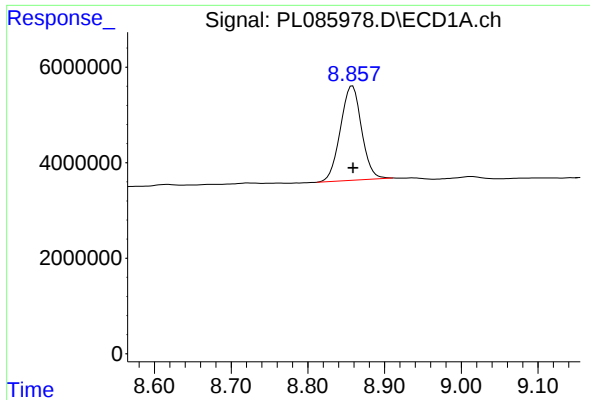
#22 Mirex

R.T.: 7.932 min
Delta R.T.: -0.002 min
Response: 133135735
Conc: 60.13 ng/ml



#22 Mirex

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 57433358
Conc: 60.89 ng/ml



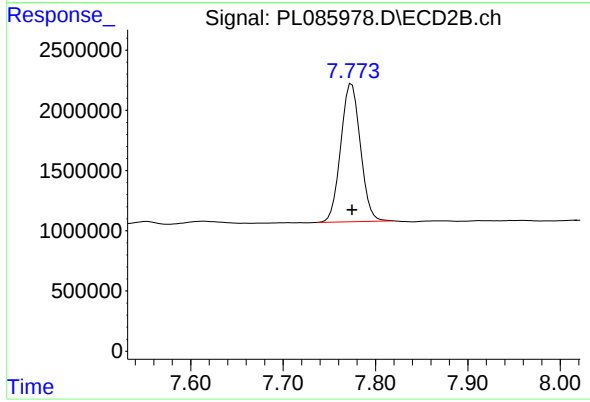
#28 Decachlorobiphenyl

R.T.: 8.858 min
Delta R.T.: 0.000 min
Response: 38104868
Conc: 17.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
LSS-B4-COMP-101323MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: 0.000 min
Response: 16955686
Conc: 18.37 ng/ml