

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021523\
 Data File : PL080929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2023 12:22
 Operator : AR\AJ
 Sample : PB150860BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB150860BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/16/2023
 Supervised By :Ankita Jodhani 02/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 20:26:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.362	2.687	46929922	45124193	21.880	20.544
28)	SA Decachlor...	8.802	7.837	39810018	51913786	22.739	21.789
Target Compounds							
2)	A alpha-BHC	3.811	3.188	154.9E6	146.7E6	48.899	46.121
3)	MA gamma-BHC...	4.140	3.517	144.5E6	139.5E6	49.146	46.689
4)	MA Heptachlor	4.724	3.858	148.9E6	149.8E6	50.392	47.057
5)	MB Aldrin	5.062	4.137	132.8E6	136.3E6	48.545	46.217
6)	B beta-BHC	4.336	3.813	62044967	60209919	45.453	45.114
7)	B delta-BHC	4.579	4.043	134.1E6	122.9E6	46.304	42.621
8)	B Heptachlo...	5.487	4.640	127.5E6	128.2E6	49.301	46.089
9)	A Endosulfan I	5.869	5.010	114.8E6	115.5E6	48.623	44.406
10)	B gamma-Chl...	5.742	4.889	125.2E6	129.2E6	49.583	45.603m
11)	B alpha-Chl...	5.820	4.955	122.9E6	125.1E6	48.673	43.685
12)	B 4,4'-DDE	5.999	5.146	111.2E6	108.1E6	49.906	45.836m
13)	MA Dieldrin	6.143	5.275	119.7E6	123.9E6	49.999	45.822
14)	MA Endrin	6.370	5.549	106.7E6	110.5E6	49.349	47.601
15)	B Endosulfa...	6.588	5.844	101.9E6	104.0E6	44.462	49.907
16)	A 4,4'-DDD	6.513	5.702	93121791	90241159	50.831	48.021
17)	MA 4,4'-DDT	6.826	5.954	101.5E6	98665531	48.840	46.950
18)	B Endrin al...	6.718	6.024	83480845	85252868	50.187	46.686
19)	B Endosulfa...	6.952	6.247	102.8E6	107.9E6	49.672	46.378
20)	A Methoxychlor	7.304	6.532	53293108	57058187	48.304	47.021
21)	B Endrin ke...	7.432	6.753	112.0E6	121.9E6	50.780	47.756
22)	Mirex	7.904	6.936	84945860	105.1E6	49.393	46.158

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021523\
Data File : PL080929.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Feb 2023 12:22
Operator : AR\AJ
Sample : PB150860BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB150860BS

Manual Integrations

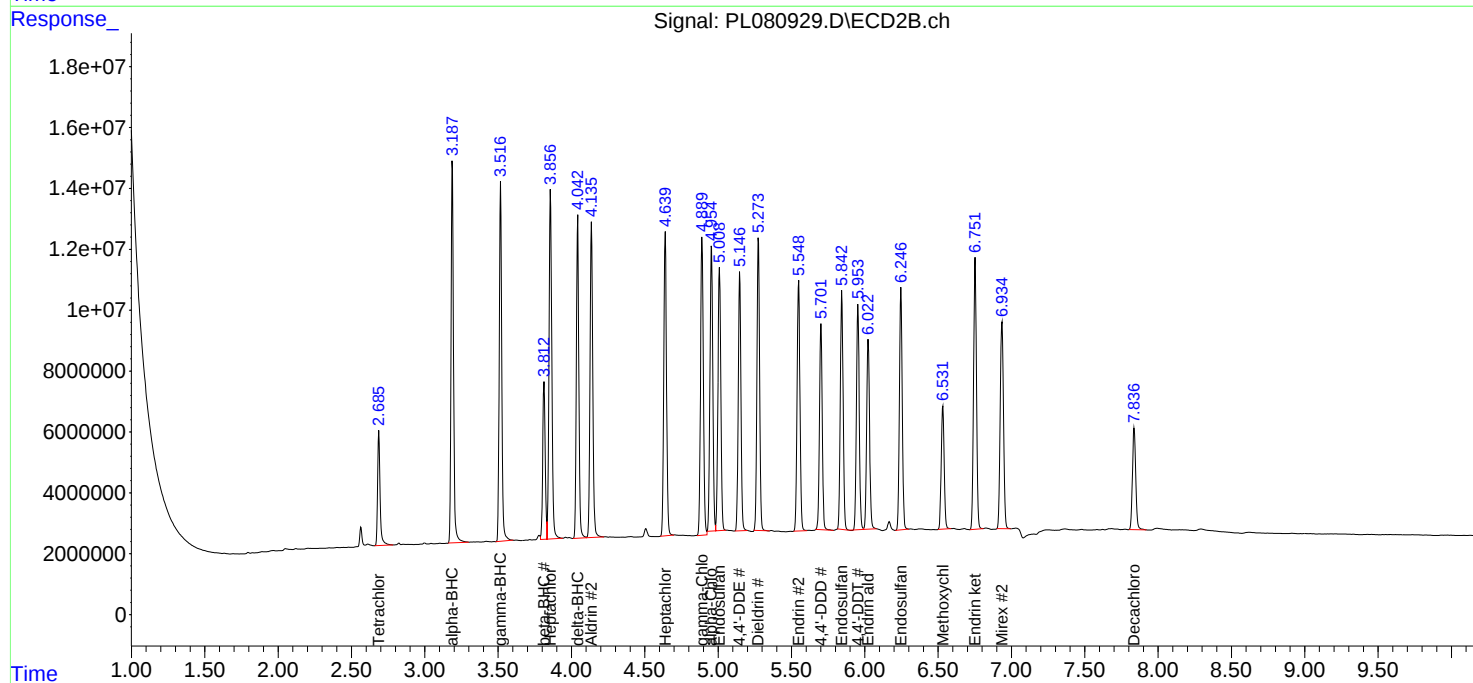
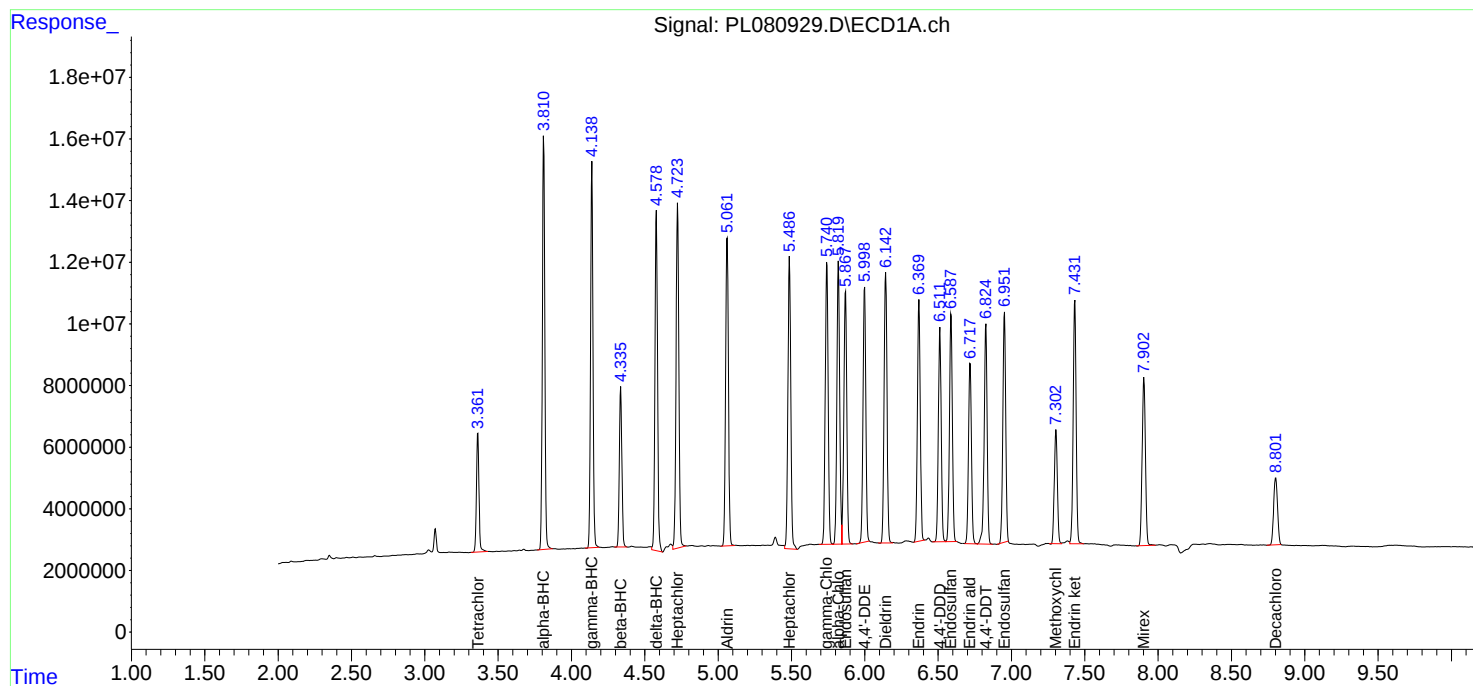
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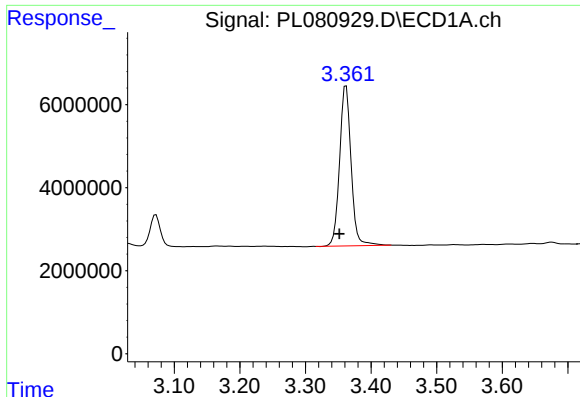
Reviewed By :Abdul Mirza 02/16/2023

Supervised By :Ankita Jodhani 02/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 15 20:26:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 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





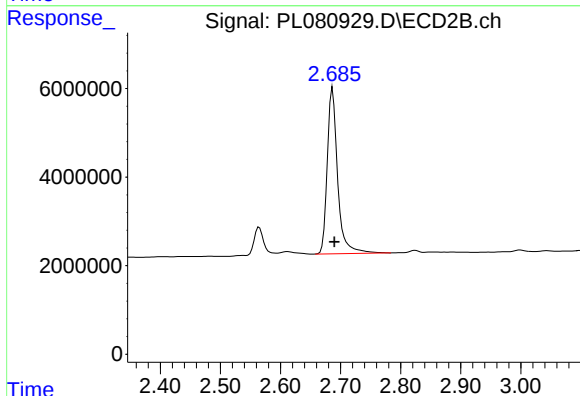
#1 Tetrachloro-m-xylene

R.T.: 3.362 min
Delta R.T.: 0.010 min
Response: 46929922
Conc: 21.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150860BS

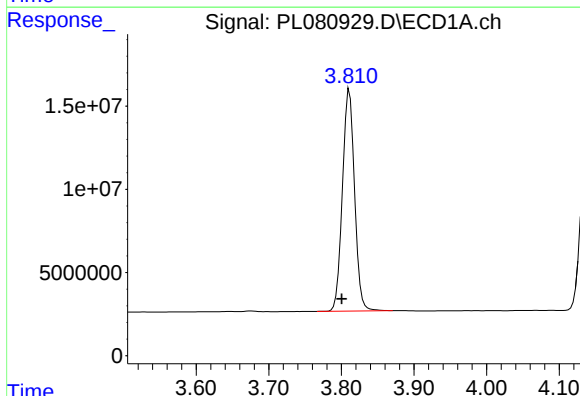
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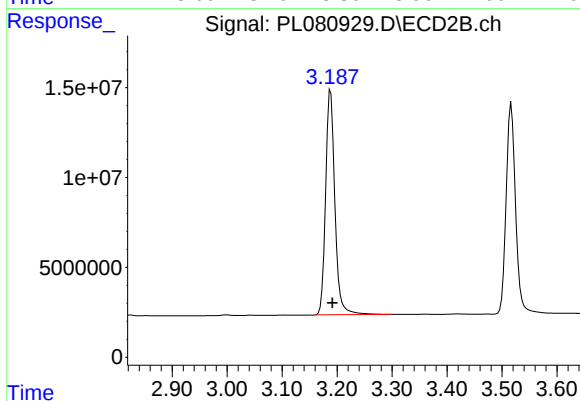
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.003 min
Response: 45124193
Conc: 20.54 ng/ml



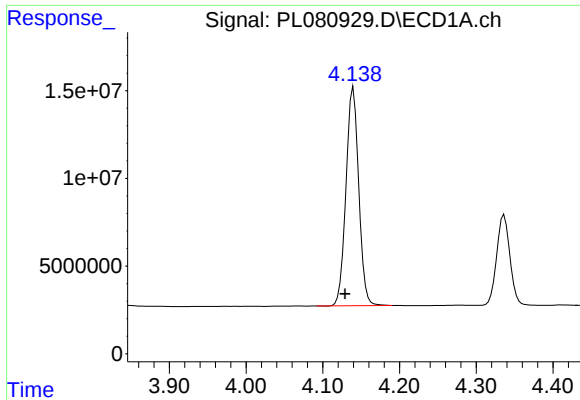
#2 alpha-BHC

R.T.: 3.811 min
Delta R.T.: 0.010 min
Response: 154914522
Conc: 48.90 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.003 min
Response: 146682568
Conc: 46.12 ng/ml



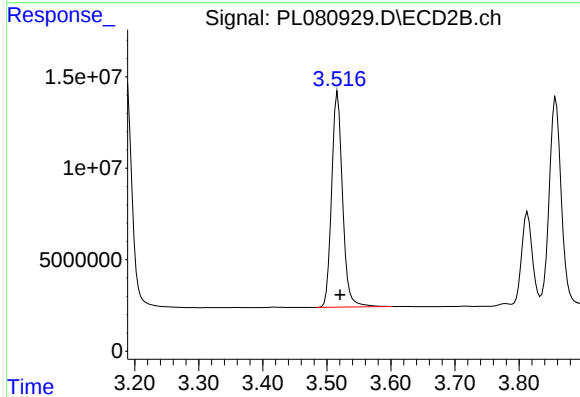
#3 gamma-BHC (Lindane)

R.T.: 4.140 min
Delta R.T.: 0.010 min
Response: 144478489
Conc: 49.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150860BS

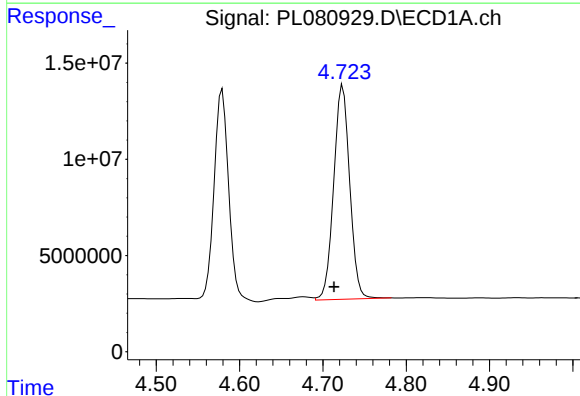
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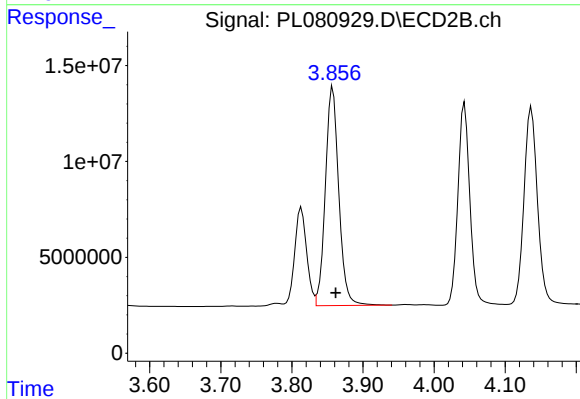
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 139474195
Conc: 46.69 ng/ml



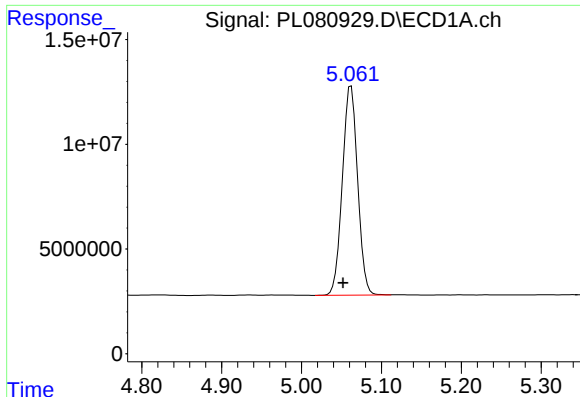
#4 Heptachlor

R.T.: 4.724 min
Delta R.T.: 0.011 min
Response: 148919405
Conc: 50.39 ng/ml



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 149751229
Conc: 47.06 ng/ml



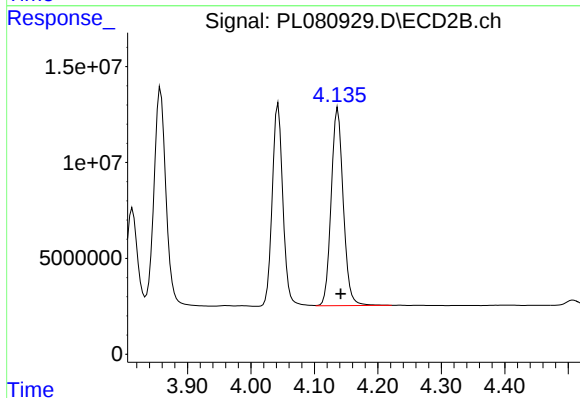
#5 Aldrin

R.T.: 5.062 min
Delta R.T.: 0.010 min
Response: 132808839
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150860BS

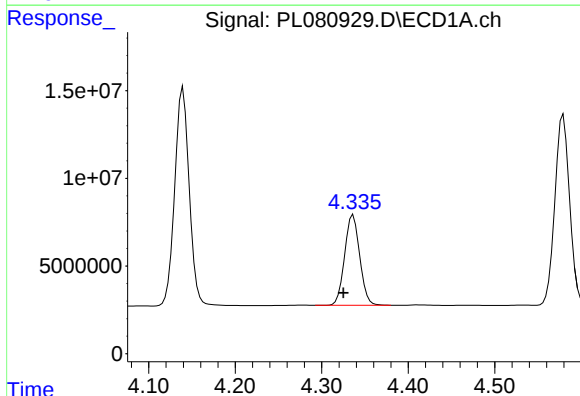
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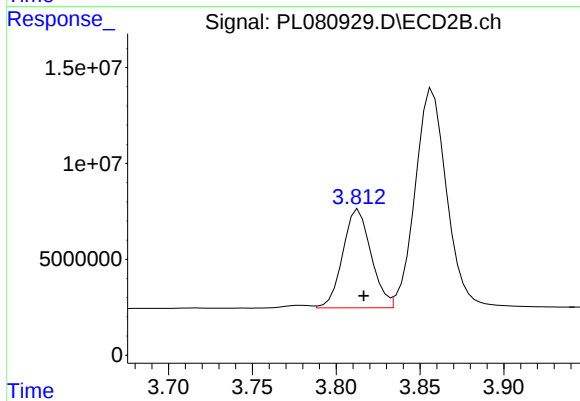
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 136320299
Conc: 46.22 ng/ml



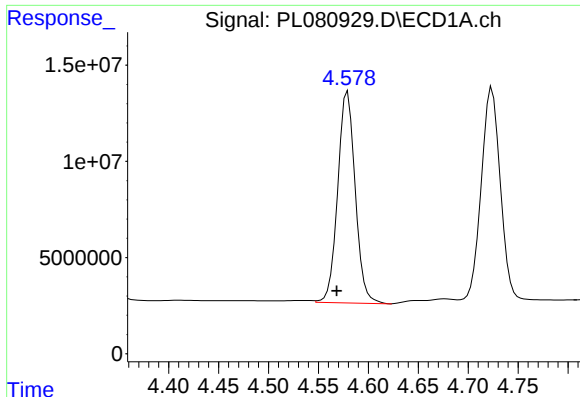
#6 beta-BHC

R.T.: 4.336 min
Delta R.T.: 0.011 min
Response: 62044967
Conc: 45.45 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.003 min
Response: 60209919
Conc: 45.11 ng/ml



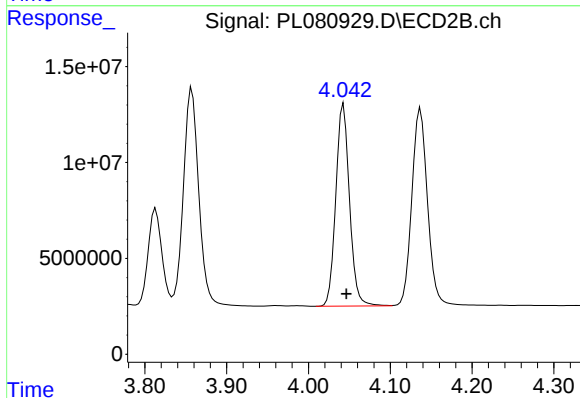
#7 delta-BHC

R.T.: 4.579 min
Delta R.T.: 0.011 min
Response: 134050152
Conc: 46.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150860BS

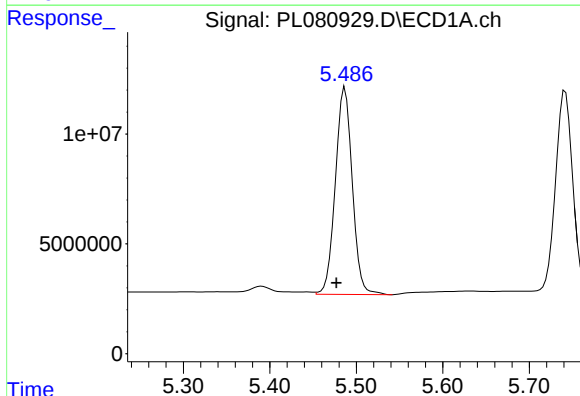
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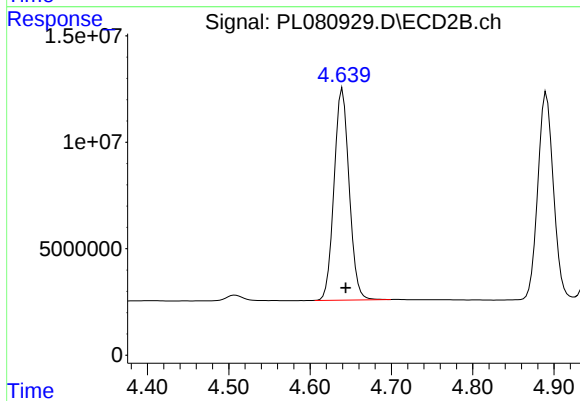
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 122938697
Conc: 42.62 ng/ml



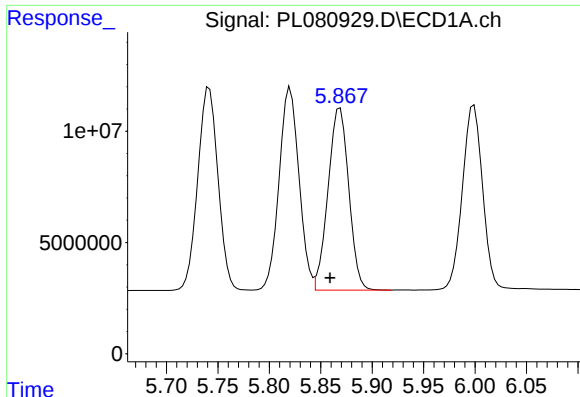
#8 Heptachlor epoxide

R.T.: 5.487 min
Delta R.T.: 0.010 min
Response: 127545800
Conc: 49.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.640 min
Delta R.T.: -0.004 min
Response: 128235306
Conc: 46.09 ng/ml



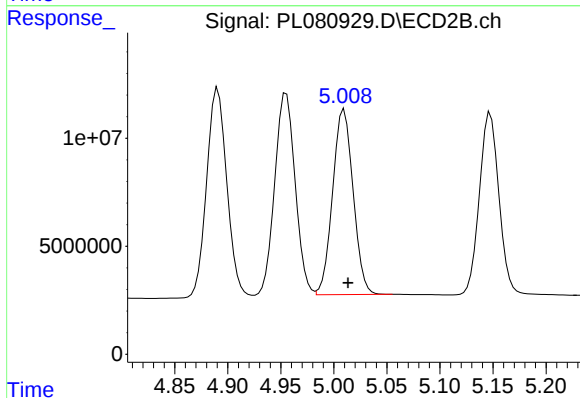
#9 Endosulfan I

R.T.: 5.869 min
Delta R.T.: 0.010 min
Response: 114821090
Conc: 48.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150860BS

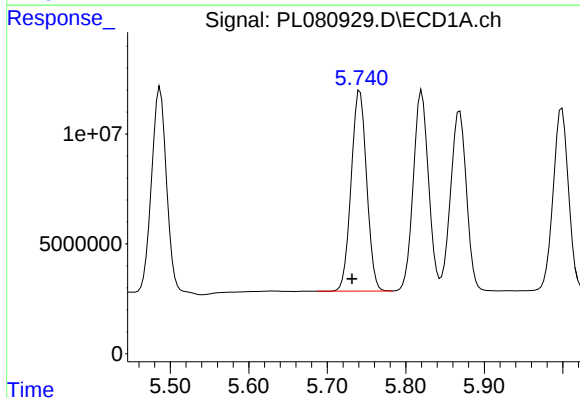
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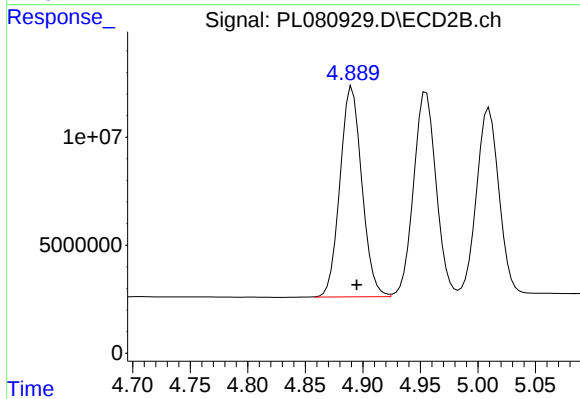
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 115516156
Conc: 44.41 ng/ml



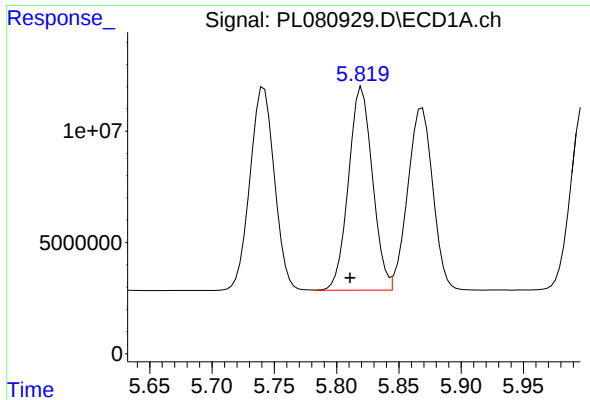
#10 gamma-Chlordane

R.T.: 5.742 min
Delta R.T.: 0.010 min
Response: 125233747
Conc: 49.58 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 129249257
Conc: 45.60 ng/ml m



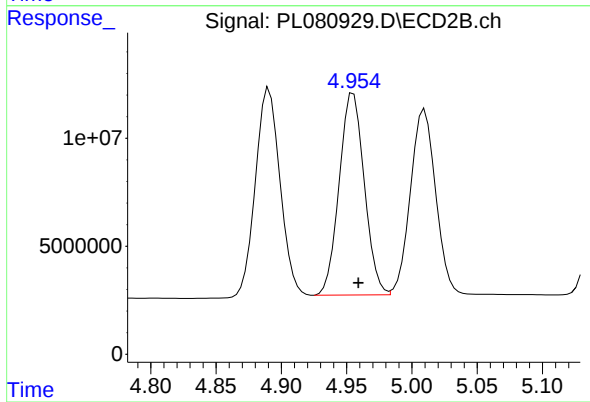
#11 alpha-Chlordane

R.T.: 5.820 min
Delta R.T.: 0.009 min
Response: 122864357
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150860BS

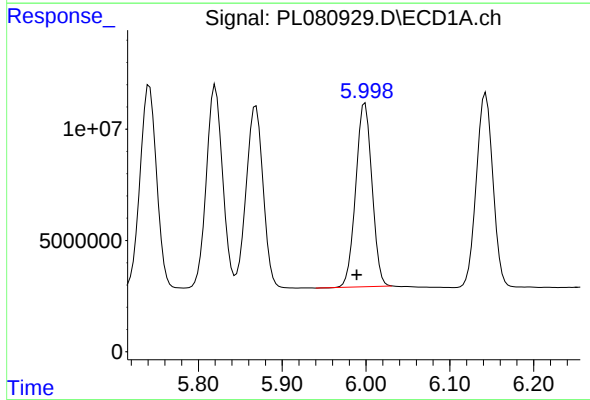
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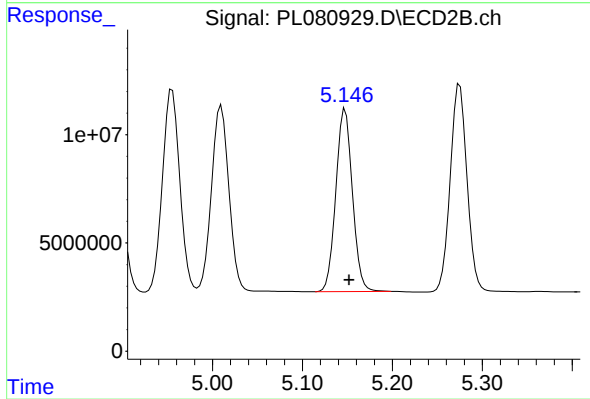
#11 alpha-Chlordane

R.T.: 4.955 min
Delta R.T.: -0.004 min
Response: 125142836
Conc: 43.68 ng/ml



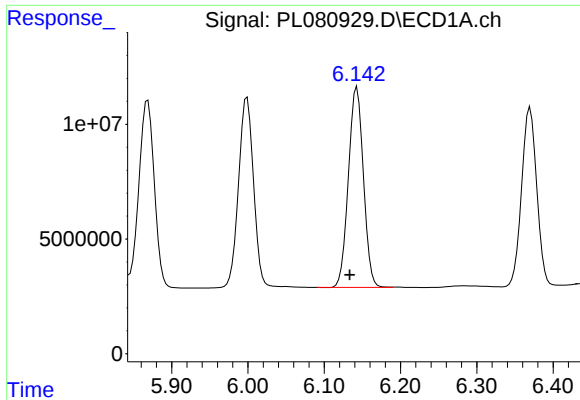
#12 4,4'-DDE

R.T.: 5.999 min
Delta R.T.: 0.010 min
Response: 111157319
Conc: 49.91 ng/ml



#12 4,4'-DDE

R.T.: 5.146 min
Delta R.T.: -0.006 min
Response: 108120191
Conc: 45.84 ng/ml m



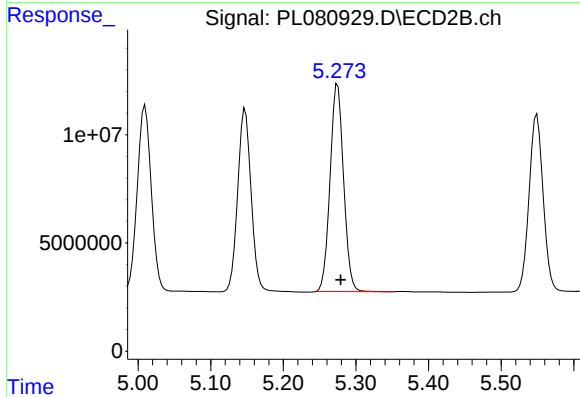
#13 Dieldrin

R.T.: 6.143 min
Delta R.T.: 0.010 min
Response: 119664537
Conc: 50.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150860BS

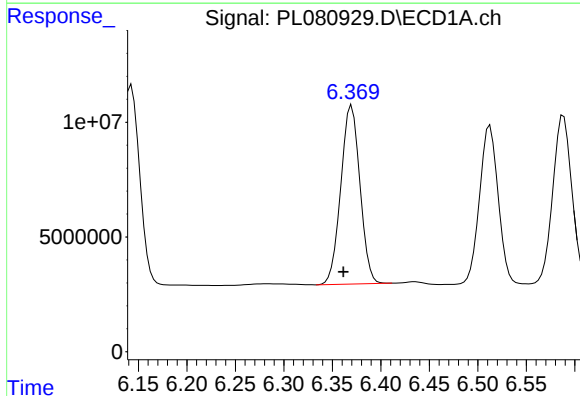
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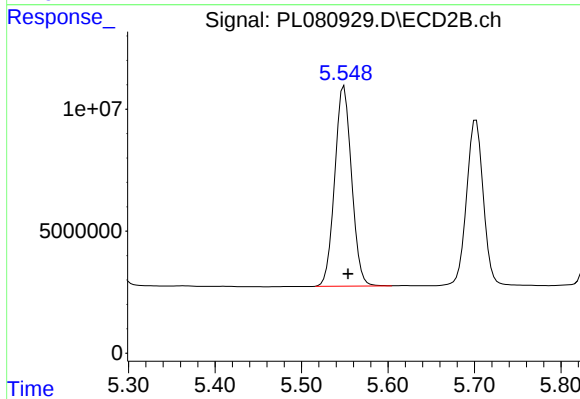
#13 Dieldrin

R.T.: 5.275 min
Delta R.T.: -0.004 min
Response: 123947510
Conc: 45.82 ng/ml



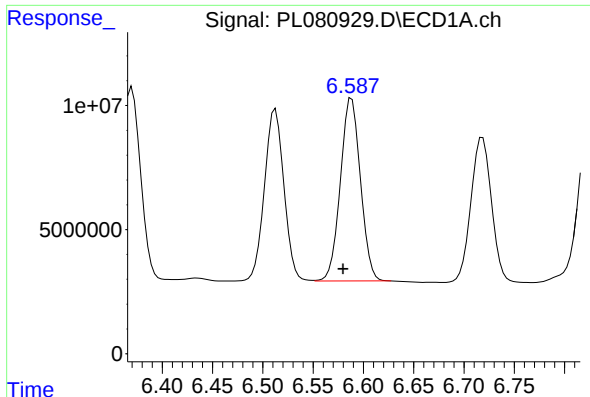
#14 Endrin

R.T.: 6.370 min
Delta R.T.: 0.009 min
Response: 106727349
Conc: 49.35 ng/ml



#14 Endrin

R.T.: 5.549 min
Delta R.T.: -0.004 min
Response: 110490033
Conc: 47.60 ng/ml



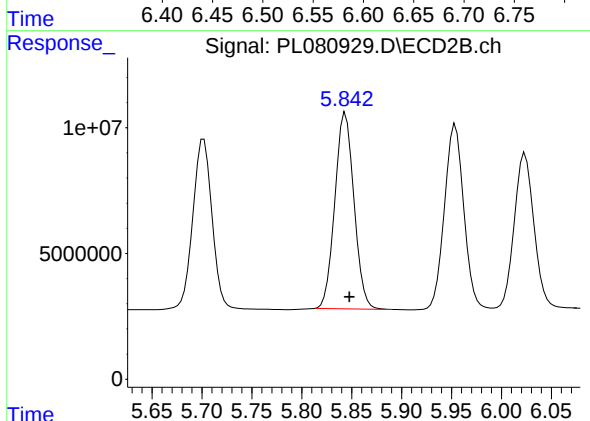
#15 Endosulfan II

R.T.: 6.588 min
Delta R.T.: 0.009 min
Response: 101921672
Conc: 44.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150860BS

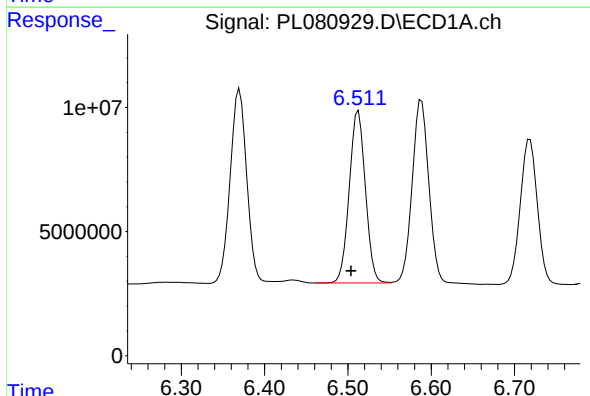
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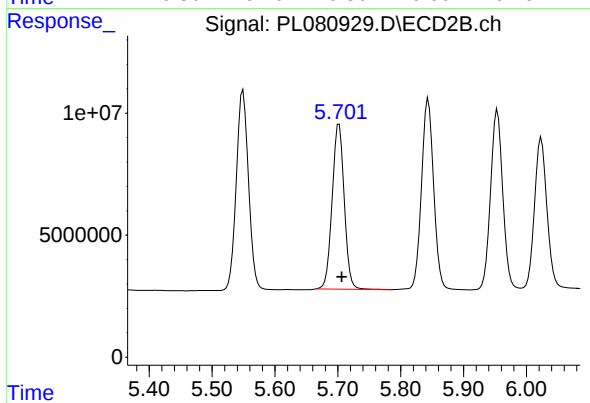
#15 Endosulfan II

R.T.: 5.844 min
Delta R.T.: -0.004 min
Response: 103991618
Conc: 49.91 ng/ml



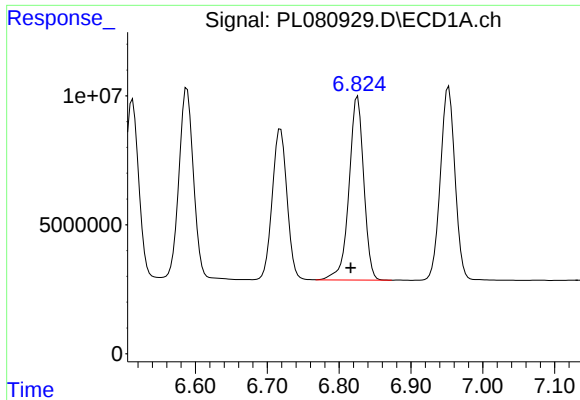
#16 4,4'-DDD

R.T.: 6.513 min
Delta R.T.: 0.009 min
Response: 93121791
Conc: 50.83 ng/ml



#16 4,4'-DDD

R.T.: 5.702 min
Delta R.T.: -0.004 min
Response: 90241159
Conc: 48.02 ng/ml



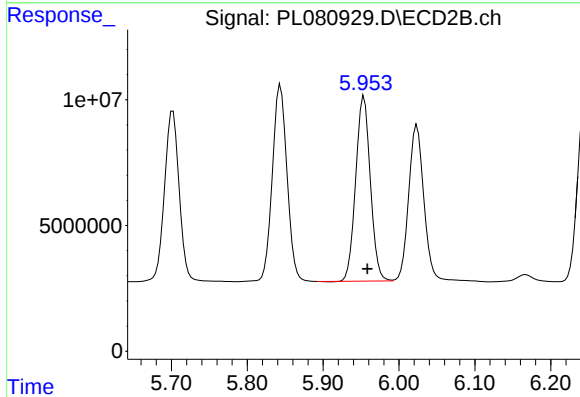
#17 4,4'-DDT

R.T.: 6.826 min
Delta R.T.: 0.010 min
Response: 101473943
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150860BS

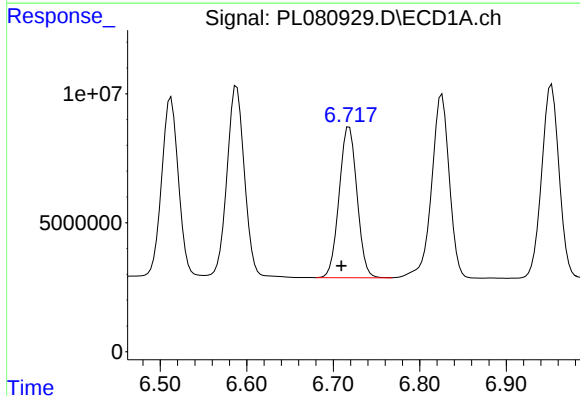
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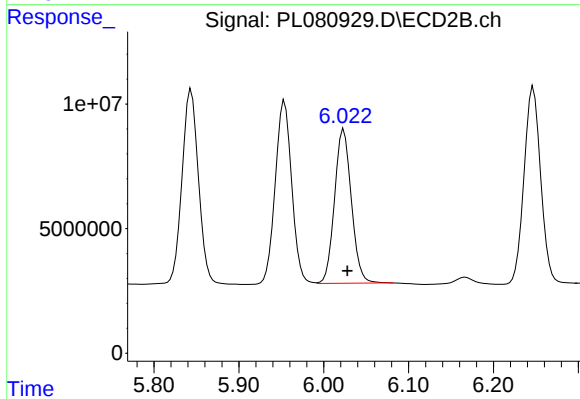
#17 4,4'-DDT

R.T.: 5.954 min
Delta R.T.: -0.005 min
Response: 98665531
Conc: 46.95 ng/ml



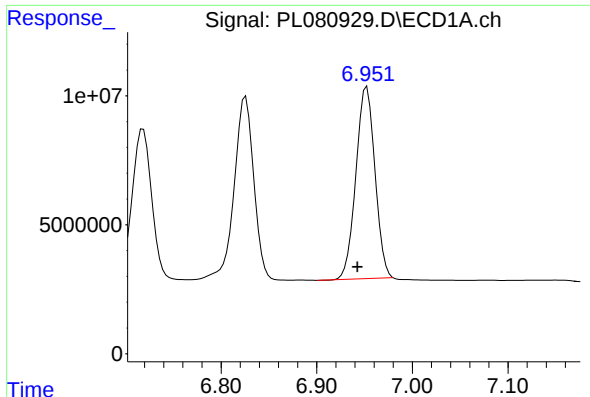
#18 Endrin aldehyde

R.T.: 6.718 min
Delta R.T.: 0.009 min
Response: 83480845
Conc: 50.19 ng/ml



#18 Endrin aldehyde

R.T.: 6.024 min
Delta R.T.: -0.004 min
Response: 85252868
Conc: 46.69 ng/ml



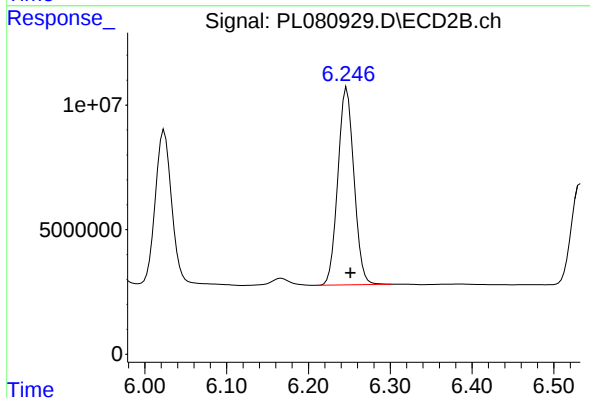
#19 Endosulfan Sulfate

R.T.: 6.952 min
Delta R.T.: 0.010 min
Response: 102817249
Conc: 49.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150860BS

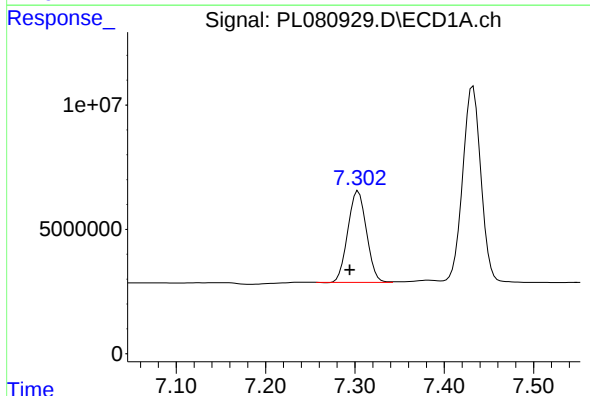
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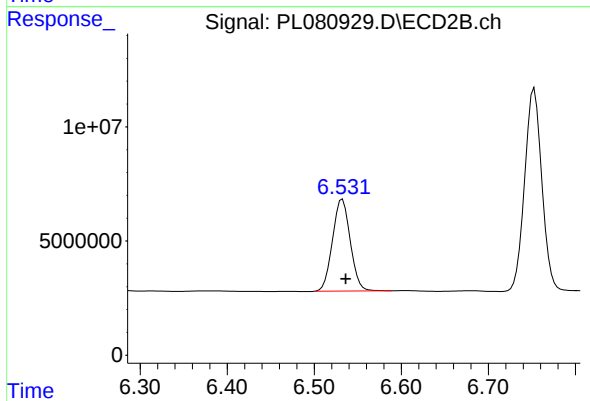
#19 Endosulfan Sulfate

R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 107859608
Conc: 46.38 ng/ml



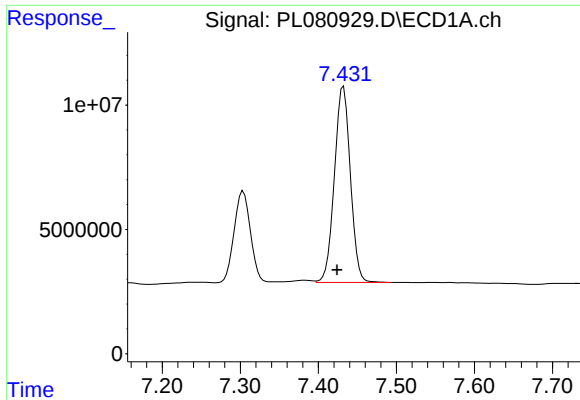
#20 Methoxychlor

R.T.: 7.304 min
Delta R.T.: 0.009 min
Response: 53293108
Conc: 48.30 ng/ml



#20 Methoxychlor

R.T.: 6.532 min
Delta R.T.: -0.004 min
Response: 57058187
Conc: 47.02 ng/ml



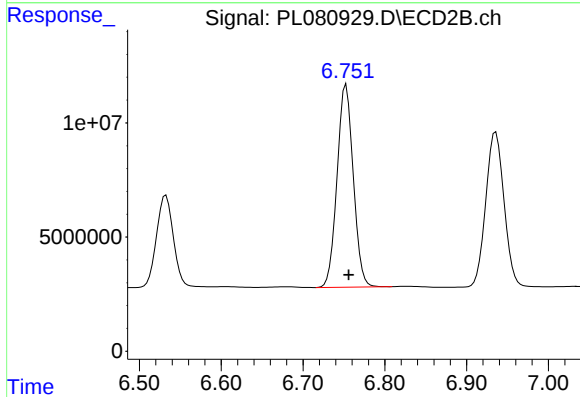
#21 Endrin ketone

R.T.: 7.432 min
Delta R.T.: 0.008 min
Response: 112039237
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150860BS

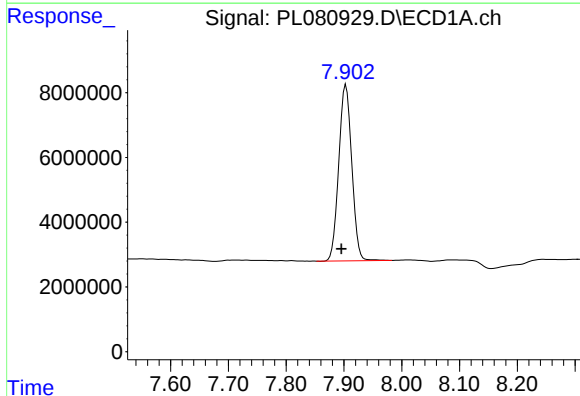
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/16/2023
Supervised By :Ankita Jodhani 02/16/2023



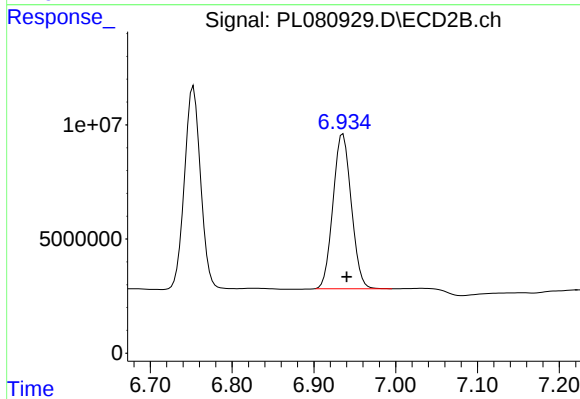
#21 Endrin ketone

R.T.: 6.753 min
Delta R.T.: -0.003 min
Response: 121932755
Conc: 47.76 ng/ml



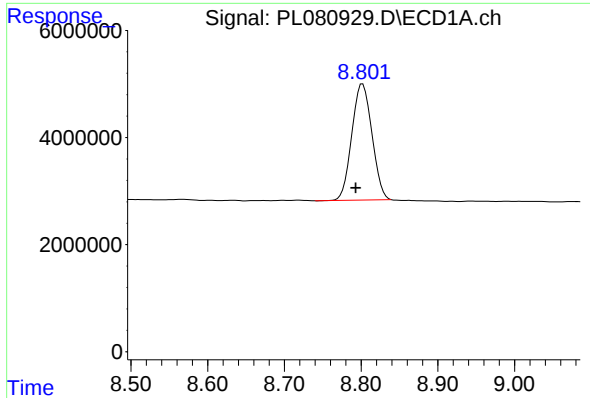
#22 Mirex

R.T.: 7.904 min
Delta R.T.: 0.008 min
Response: 84945860
Conc: 49.39 ng/ml



#22 Mirex

R.T.: 6.936 min
Delta R.T.: -0.005 min
Response: 105089799
Conc: 46.16 ng/ml



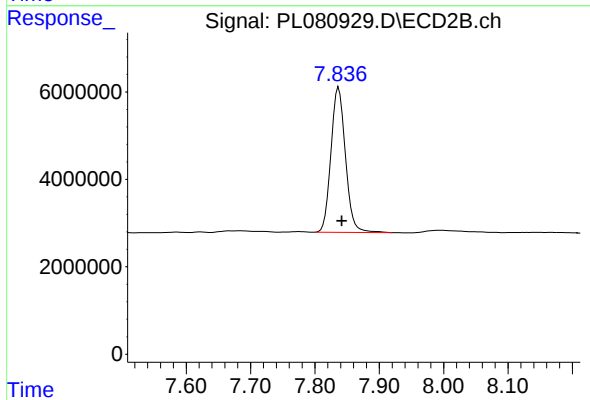
#28 Decachlorobiphenyl

R.T.: 8.802 min
Delta R.T.: 0.009 min
Response: 39810018
Conc: 22.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB150860BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.837 min
Delta R.T.: -0.005 min
Response: 51913786
Conc: 21.79 ng/ml