

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120223\
 Data File : PL086930.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2023 16:09
 Operator : AR\AJ
 Sample : PB157509BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157509BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/04/2023
 Supervised By :Ankita Jodhani 12/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 21:33:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 06:35:04 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...	3.341	2.609	59776385	16469283	18.697	18.108
28)	SA Decachlor...	8.841	7.759	55446336	22038274	20.769	19.988
Target Compounds							
2)	A alpha-BHC	3.795	3.107	238.1E6	64489345	51.434	50.782
3)	MA gamma-BHC...	4.127	3.434	222.1E6	61492838	50.767	50.328
4)	MA Heptachlor	4.713	3.769	225.9E6	64858588	56.916	55.547
5)	MB Aldrin	5.053	4.046	214.1E6	60971839	50.742	49.955
6)	B beta-BHC	4.331	3.737	93929209	26979822	50.212	50.993
7)	B delta-BHC	4.574	3.961	209.1E6	59177691	49.246	50.675
8)	B Heptachlo...	5.484	4.551	195.2E6	57762585	55.111	50.741
9)	A Endosulfan I	5.868	4.919	189.3E6	56370588	52.550	43.796
10)	B gamma-Chl...	5.742	4.803	204.0E6	58601709	54.267	51.123
11)	B alpha-Chl...	5.821	4.866	200.7E6	59648594	53.306	44.855
12)	B 4,4'-DDE	6.005	5.066	166.4E6	49478508	55.036	53.894
13)	MA Dieldrin	6.145	5.185	183.6E6	54995628	52.874	51.352
14)	MA Endrin	6.374	5.458	153.3E6	49628291	59.462	58.884
15)	B Endosulfa...	6.597	5.757	148.4E6	47988208	52.003	51.681
16)	A 4,4'-DDD	6.525	5.623	130.9E6	41466616	55.919	53.691
17)	MA 4,4'-DDT	6.840	5.873	142.2E6	45029619	55.397	55.836
18)	B Endrin al...	6.727	5.938	114.0E6	38553957	53.439m	55.186
19)	B Endosulfa...	6.965	6.163	153.4E6	49908749	53.724	52.601
20)	A Methoxychlor	7.325	6.458	71089426	26793676	53.836	52.055
21)	B Endrin ke...	7.446	6.664	154.8E6	55634097	51.785	48.738
22)	Mirex	7.918	6.840	125.8E6	49410432	49.179	47.608

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120223\
 Data File : PL086930.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2023 16:09
 Operator : AR\AJ
 Sample : PB157509BSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

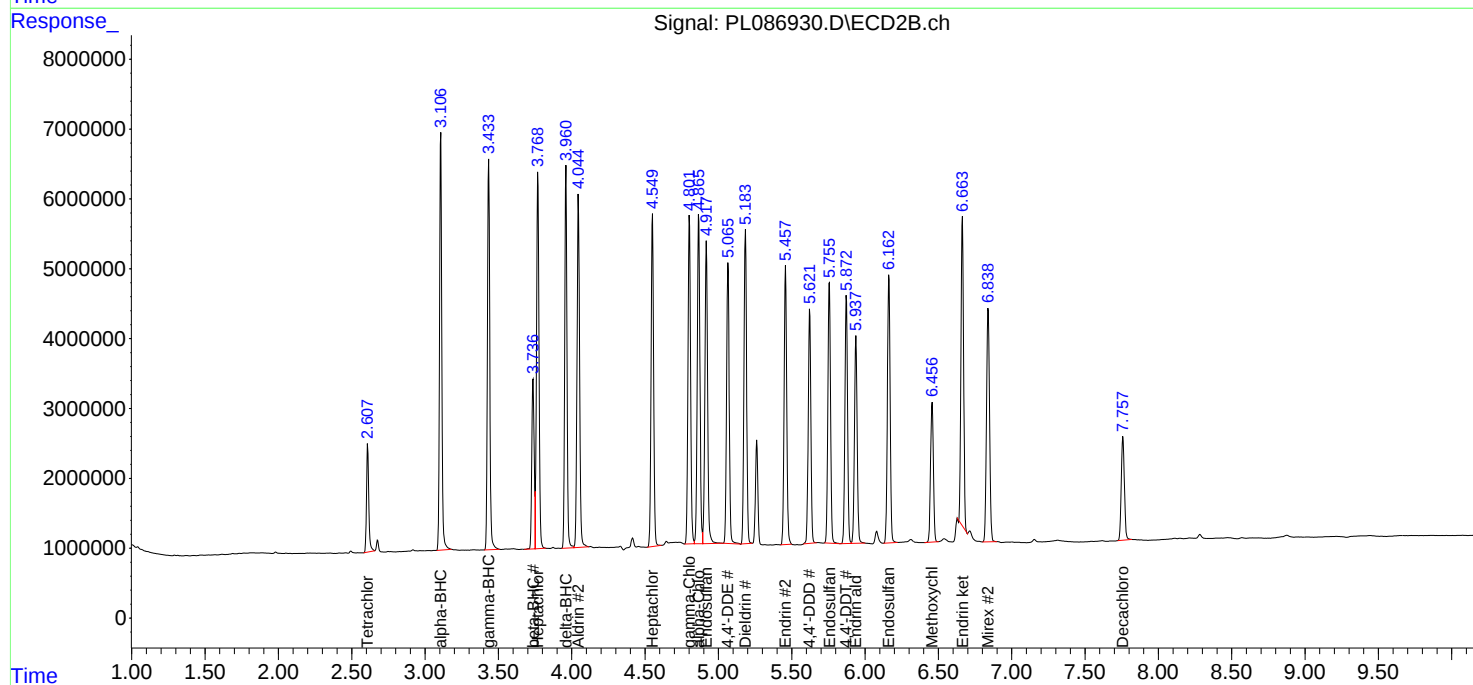
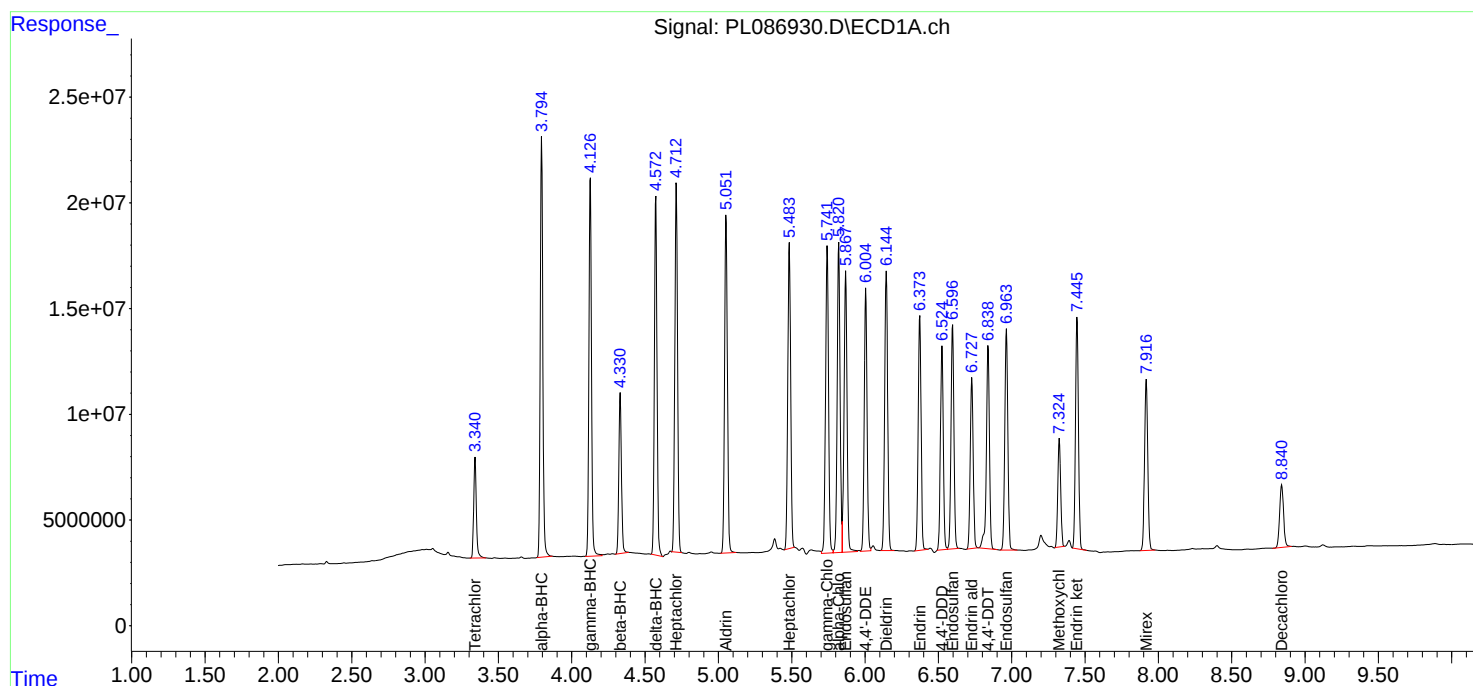
Instrument :
 ECD_L
 ClientSampleId :
 PB157509BSD

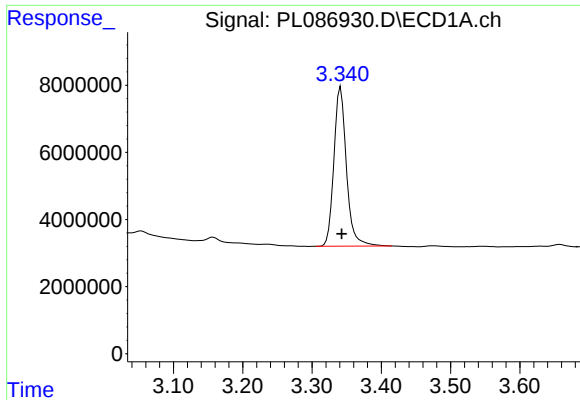
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 12/04/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 01 21:33:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
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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





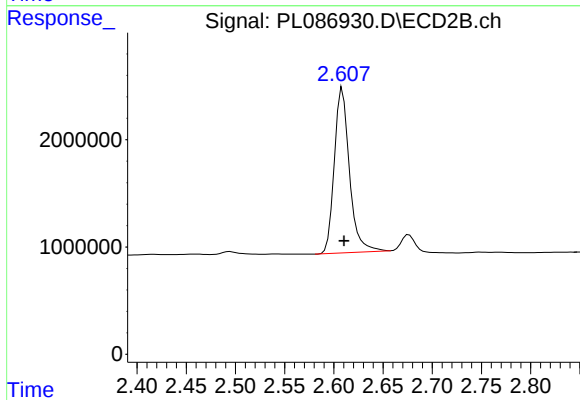
#1 Tetrachloro-m-xylene

R.T.: 3.341 min
Delta R.T.: -0.002 min
Response: 59776385
Conc: 18.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BSD

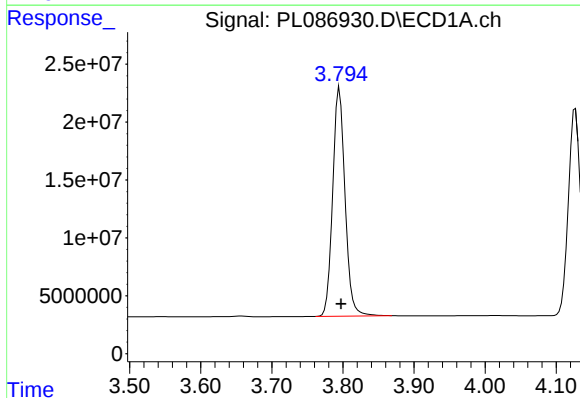
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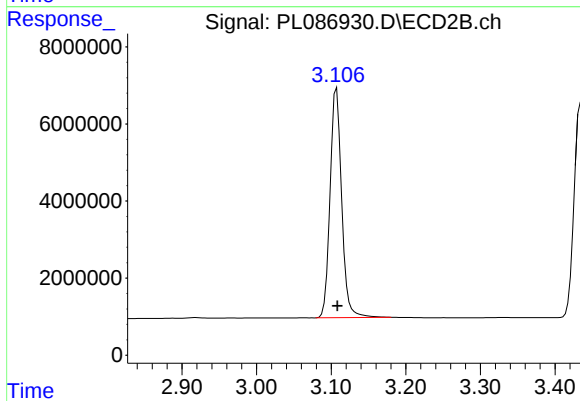
#1 Tetrachloro-m-xylene

R.T.: 2.609 min
Delta R.T.: -0.002 min
Response: 16469283
Conc: 18.11 ng/ml



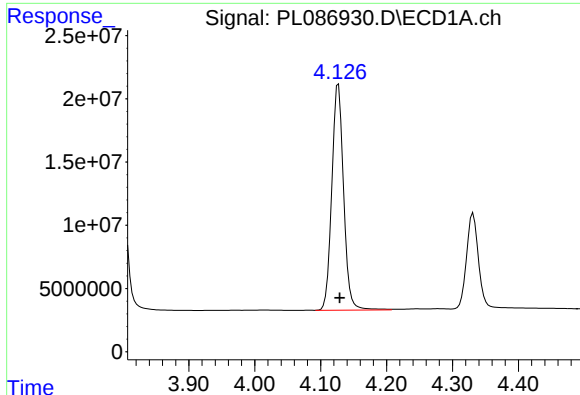
#2 alpha-BHC

R.T.: 3.795 min
Delta R.T.: -0.002 min
Response: 238144068
Conc: 51.43 ng/ml



#2 alpha-BHC

R.T.: 3.107 min
Delta R.T.: -0.001 min
Response: 64489345
Conc: 50.78 ng/ml



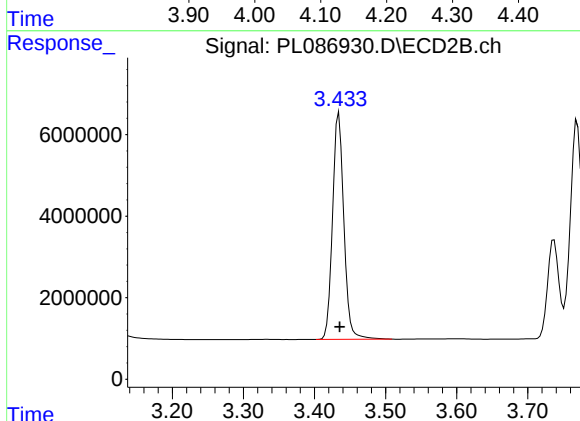
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 222097883
Conc: 50.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BSD

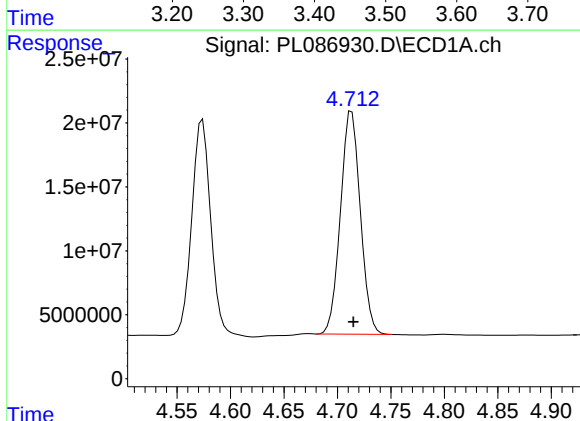
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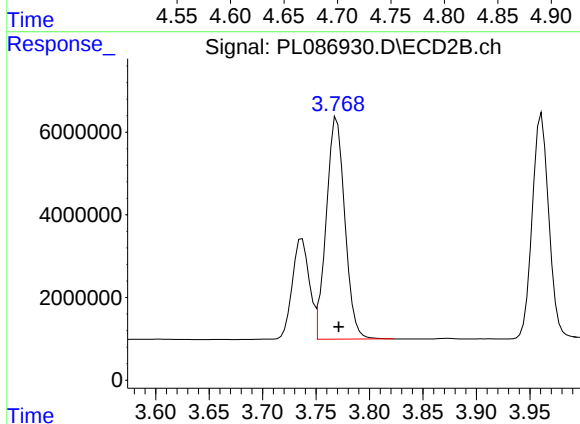
#3 gamma-BHC (Lindane)

R.T.: 3.434 min
Delta R.T.: -0.001 min
Response: 61492838
Conc: 50.33 ng/ml



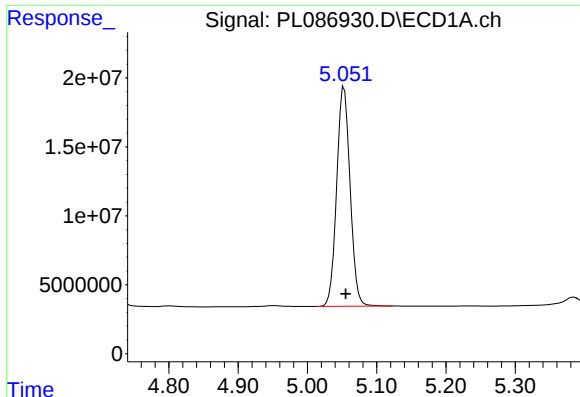
#4 Heptachlor

R.T.: 4.713 min
Delta R.T.: -0.002 min
Response: 225886380
Conc: 56.92 ng/ml



#4 Heptachlor

R.T.: 3.769 min
Delta R.T.: -0.002 min
Response: 64858588
Conc: 55.55 ng/ml



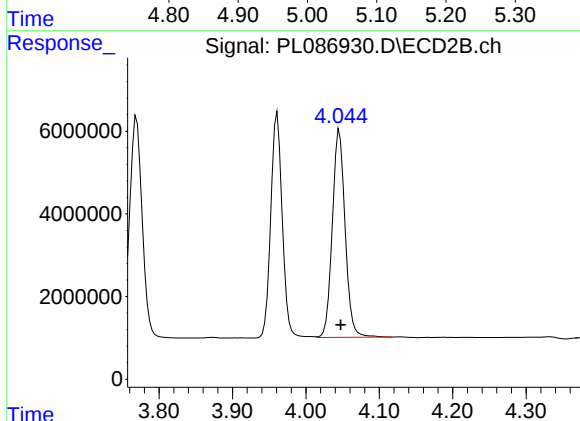
#5 Aldrin

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 214141095
Conc: 50.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BSD

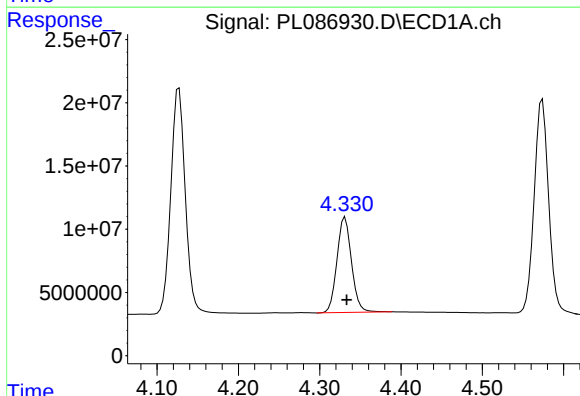
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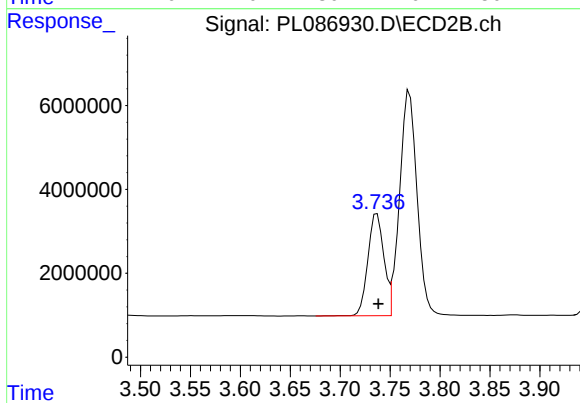
#5 Aldrin

R.T.: 4.046 min
Delta R.T.: -0.002 min
Response: 60971839
Conc: 49.95 ng/ml



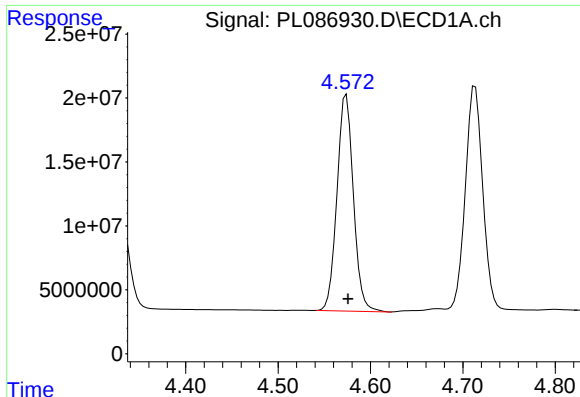
#6 beta-BHC

R.T.: 4.331 min
Delta R.T.: -0.002 min
Response: 93929209
Conc: 50.21 ng/ml



#6 beta-BHC

R.T.: 3.737 min
Delta R.T.: -0.001 min
Response: 26979822
Conc: 50.99 ng/ml



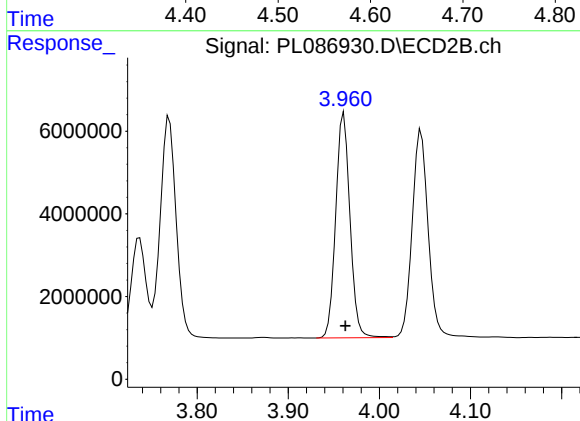
#7 delta-BHC

R.T.: 4.574 min
Delta R.T.: -0.002 min
Response: 209059391
Conc: 49.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BSD

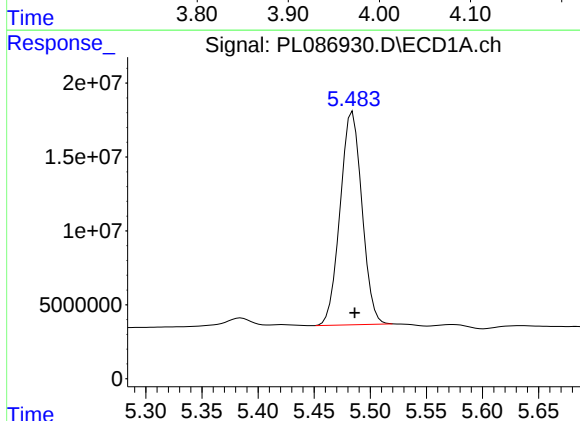
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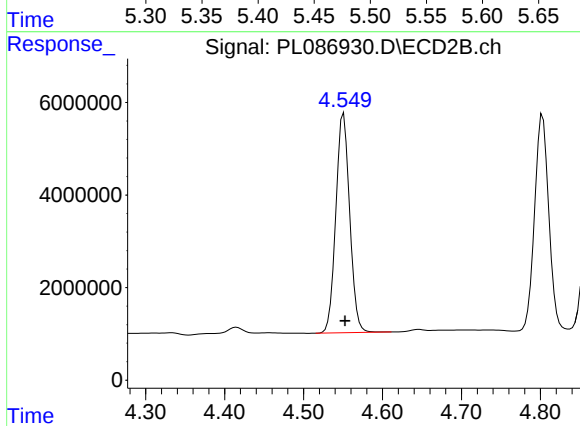
#7 delta-BHC

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 59177691
Conc: 50.68 ng/ml



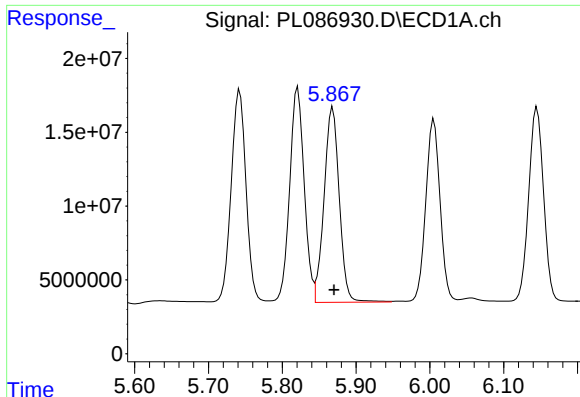
#8 Heptachlor epoxide

R.T.: 5.484 min
Delta R.T.: -0.002 min
Response: 195221332
Conc: 55.11 ng/ml



#8 Heptachlor epoxide

R.T.: 4.551 min
Delta R.T.: -0.002 min
Response: 57762585
Conc: 50.74 ng/ml



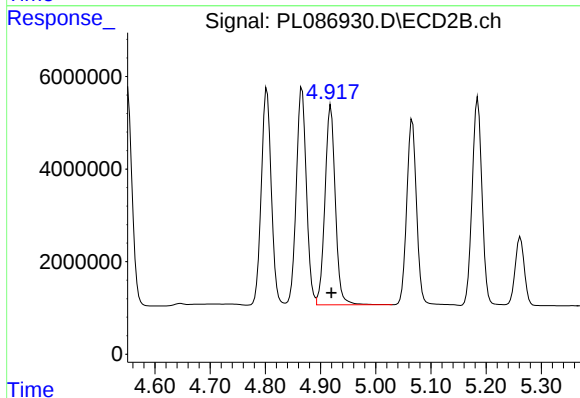
#9 Endosulfan I

R.T.: 5.868 min
Delta R.T.: -0.002 min
Response: 189329797
Conc: 52.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BSD

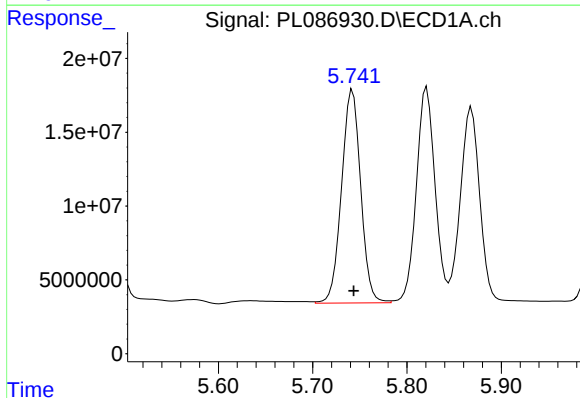
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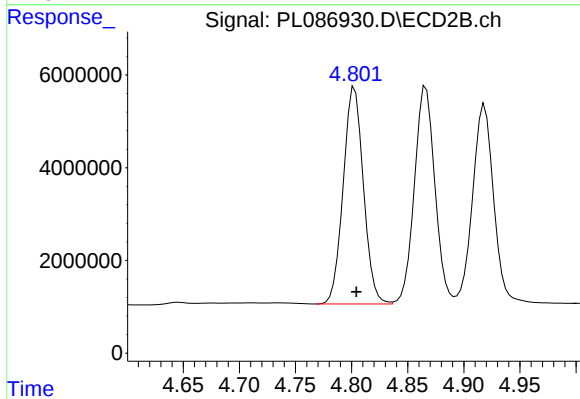
#9 Endosulfan I

R.T.: 4.919 min
Delta R.T.: -0.001 min
Response: 56370588
Conc: 43.80 ng/ml



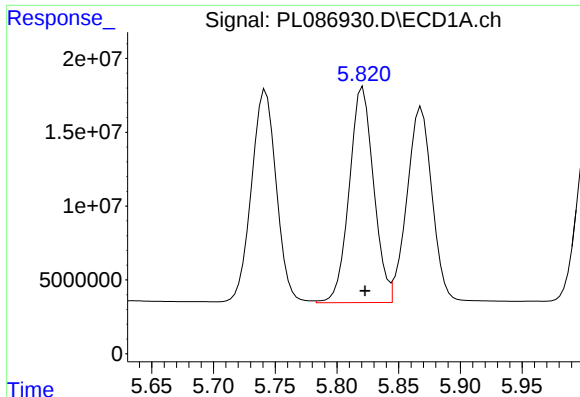
#10 gamma-Chlordane

R.T.: 5.742 min
Delta R.T.: -0.001 min
Response: 204038129
Conc: 54.27 ng/ml



#10 gamma-Chlordane

R.T.: 4.803 min
Delta R.T.: -0.002 min
Response: 58601709
Conc: 51.12 ng/ml



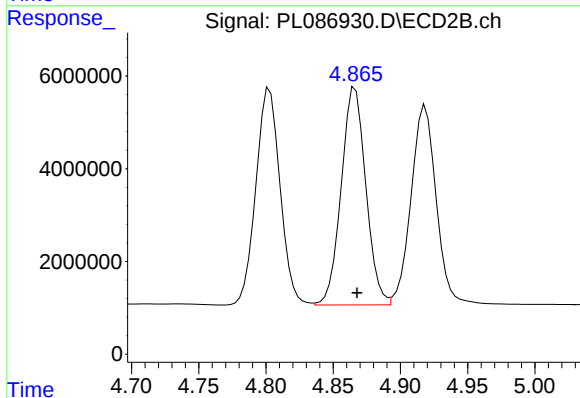
#11 alpha-Chlordane

R.T.: 5.821 min
Delta R.T.: -0.002 min
Response: 200672551
Conc: 53.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BSD

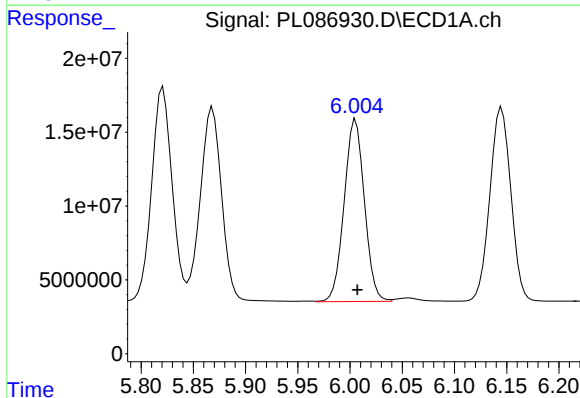
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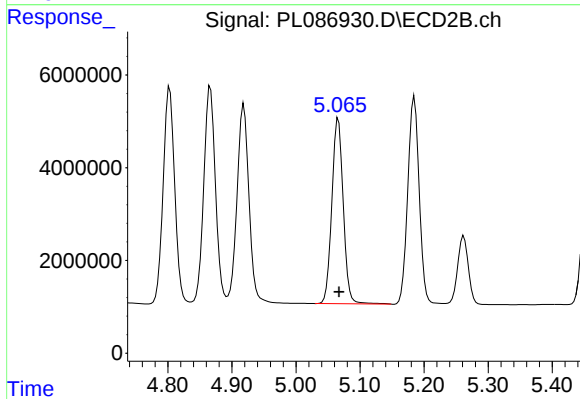
#11 alpha-Chlordane

R.T.: 4.866 min
Delta R.T.: -0.001 min
Response: 59648594
Conc: 44.86 ng/ml



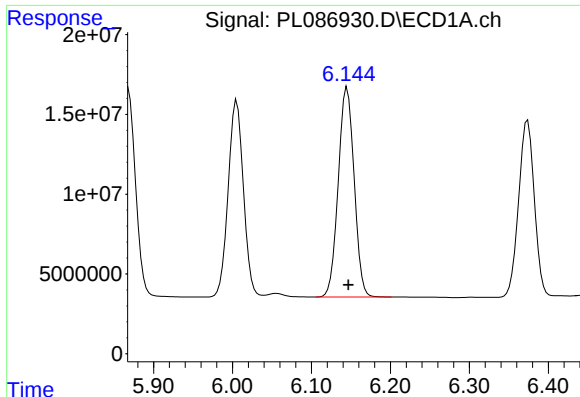
#12 4,4'-DDE

R.T.: 6.005 min
Delta R.T.: -0.002 min
Response: 166395272
Conc: 55.04 ng/ml



#12 4,4'-DDE

R.T.: 5.066 min
Delta R.T.: -0.001 min
Response: 49478508
Conc: 53.89 ng/ml



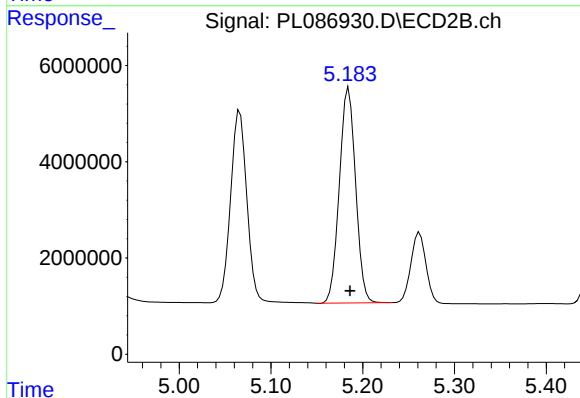
#13 Dieldrin

R.T.: 6.145 min
Delta R.T.: -0.002 min
Response: 183560773
Conc: 52.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BSD

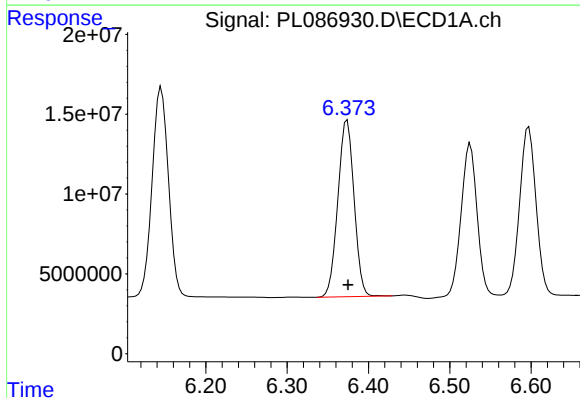
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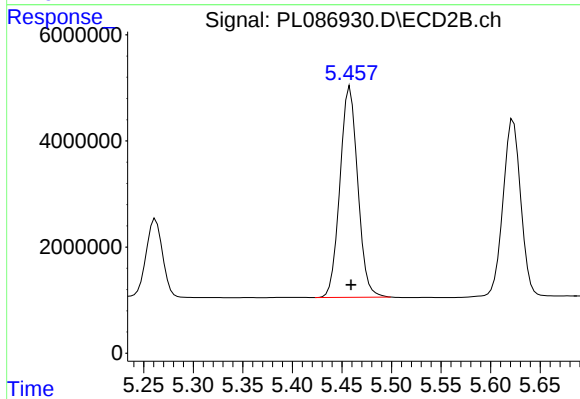
#13 Dieldrin

R.T.: 5.185 min
Delta R.T.: -0.001 min
Response: 54995628
Conc: 51.35 ng/ml



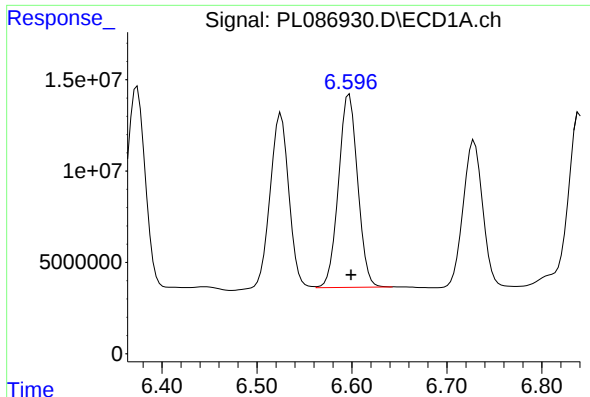
#14 Endrin

R.T.: 6.374 min
Delta R.T.: -0.001 min
Response: 153272383
Conc: 59.46 ng/ml



#14 Endrin

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 49628291
Conc: 58.88 ng/ml



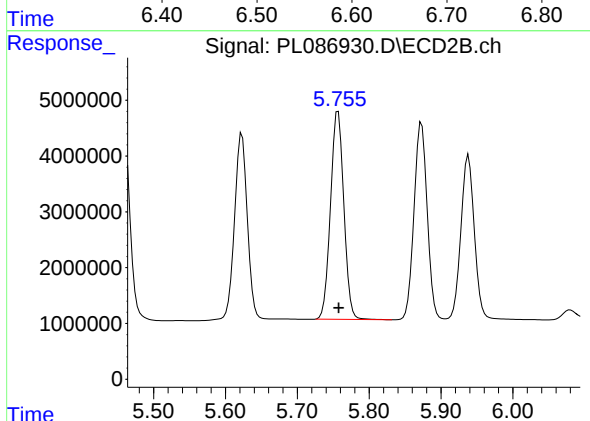
#15 Endosulfan II

R.T.: 6.597 min
Delta R.T.: -0.002 min
Response: 148395110
Conc: 52.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BSD

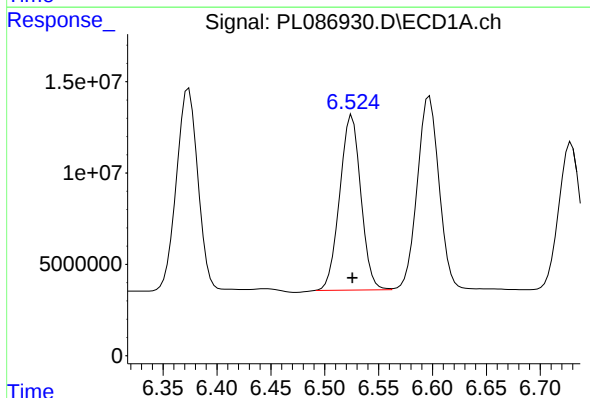
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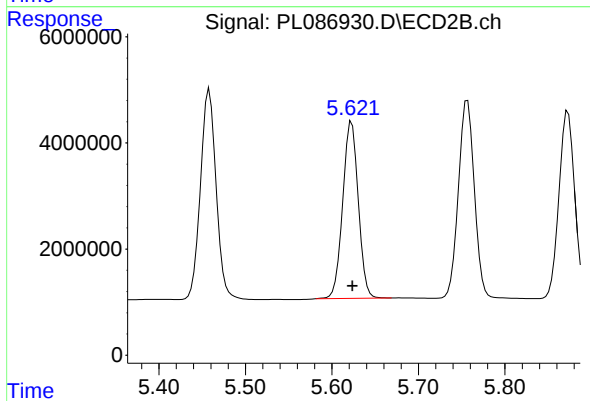
#15 Endosulfan II

R.T.: 5.757 min
Delta R.T.: 0.000 min
Response: 47988208
Conc: 51.68 ng/ml



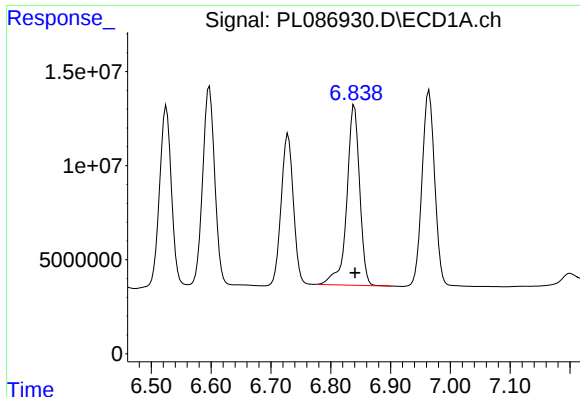
#16 4,4'-DDD

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 130938465
Conc: 55.92 ng/ml



#16 4,4'-DDD

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 41466616
Conc: 53.69 ng/ml



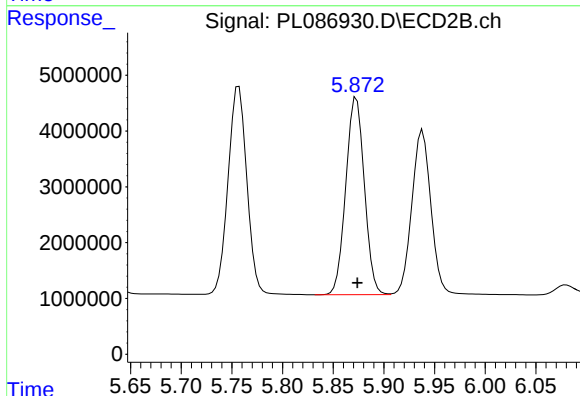
#17 4,4'-DDT

R.T.: 6.840 min
Delta R.T.: -0.001 min
Response: 142185777
Conc: 55.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BSD

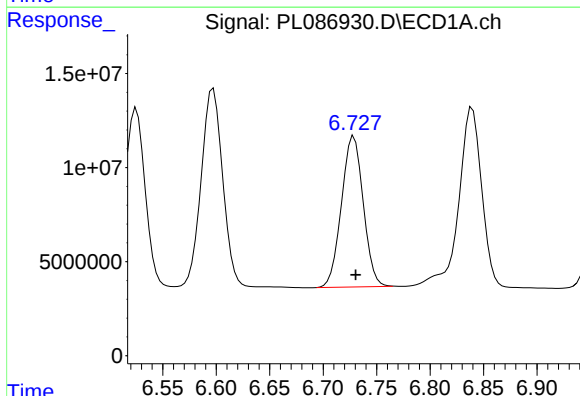
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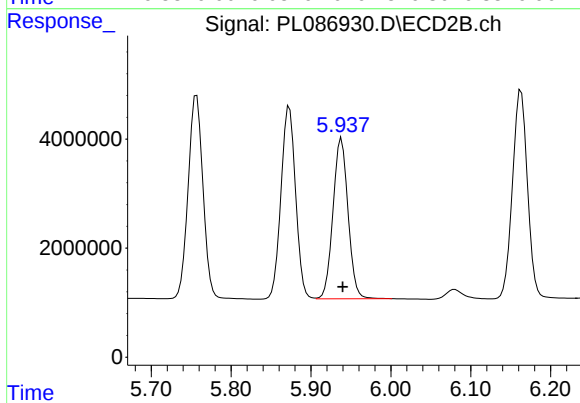
#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: -0.001 min
Response: 45029619
Conc: 55.84 ng/ml



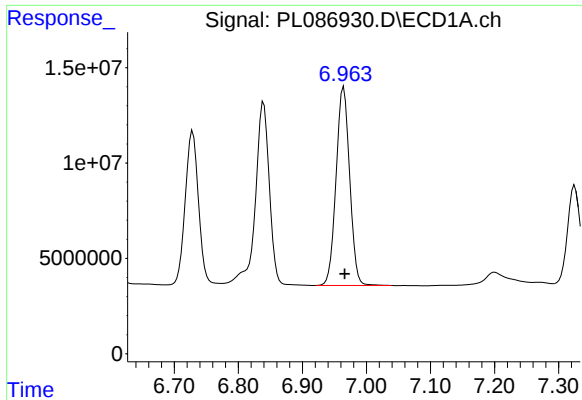
#18 Endrin aldehyde

R.T.: 6.727 min
Delta R.T.: -0.003 min
Response: 113995817
Conc: 53.44 ng/ml m



#18 Endrin aldehyde

R.T.: 5.938 min
Delta R.T.: -0.002 min
Response: 38553957
Conc: 55.19 ng/ml



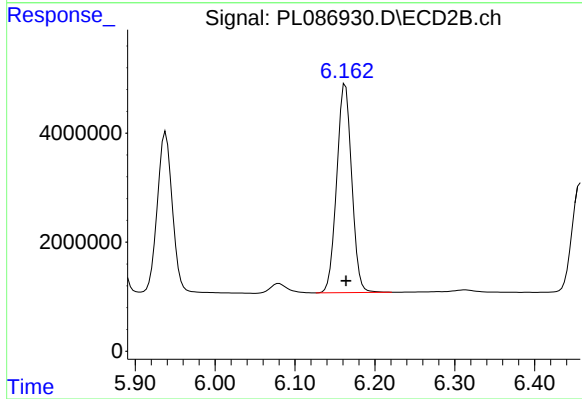
#19 Endosulfan Sulfate

R.T.: 6.965 min
Delta R.T.: -0.002 min
Response: 153422780
Conc: 53.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BSD

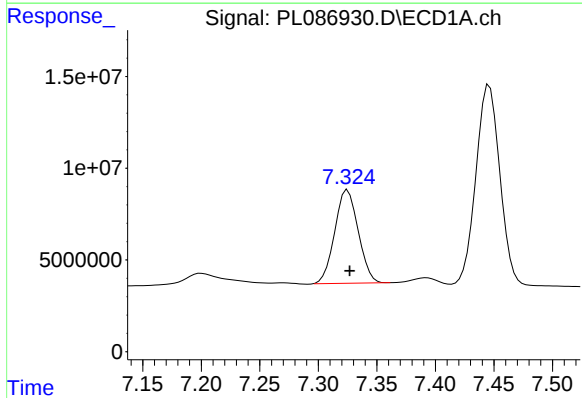
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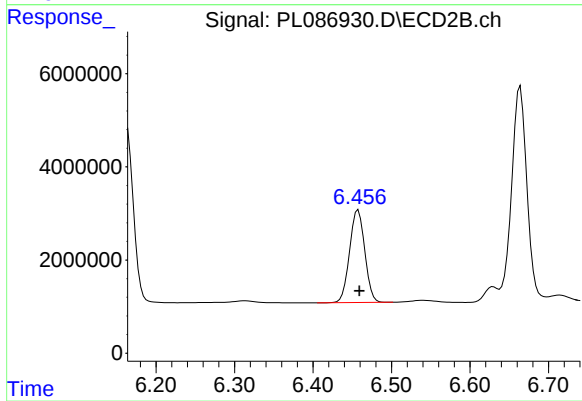
#19 Endosulfan Sulfate

R.T.: 6.163 min
Delta R.T.: 0.000 min
Response: 49908749
Conc: 52.60 ng/ml



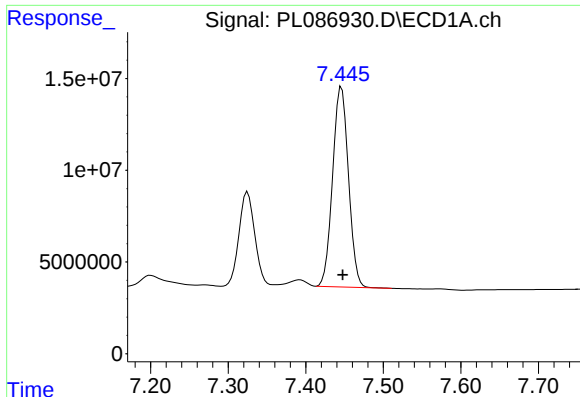
#20 Methoxychlor

R.T.: 7.325 min
Delta R.T.: -0.002 min
Response: 71089426
Conc: 53.84 ng/ml



#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: -0.001 min
Response: 26793676
Conc: 52.05 ng/ml



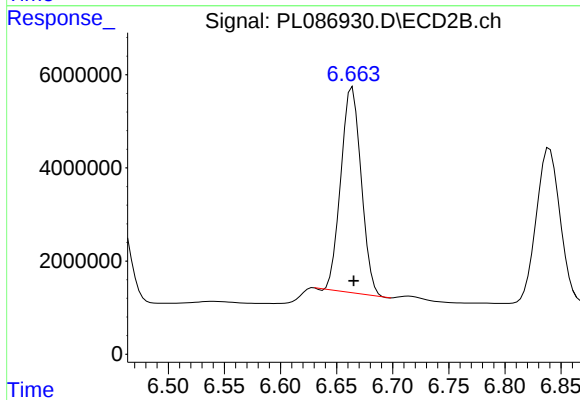
#21 Endrin ketone

R.T.: 7.446 min
Delta R.T.: -0.002 min
Response: 154819437
Conc: 51.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BSD

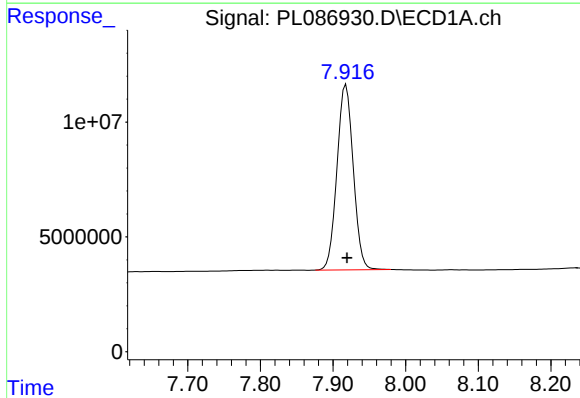
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/04/2023
Supervised By :Ankita Jodhani 12/04/2023



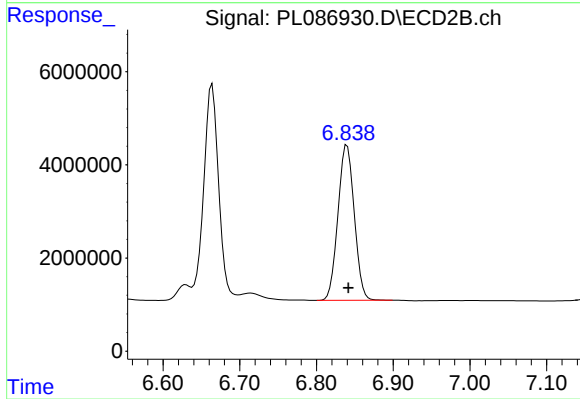
#21 Endrin ketone

R.T.: 6.664 min
Delta R.T.: -0.001 min
Response: 55634097
Conc: 48.74 ng/ml



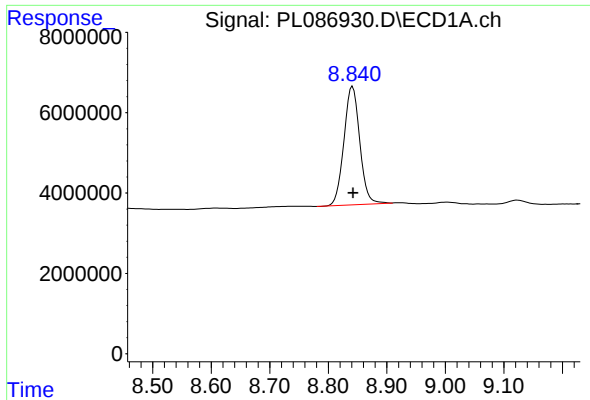
#22 Mirex

R.T.: 7.918 min
Delta R.T.: -0.002 min
Response: 125785124
Conc: 49.18 ng/ml



#22 Mirex

R.T.: 6.840 min
Delta R.T.: -0.002 min
Response: 49410432
Conc: 47.61 ng/ml



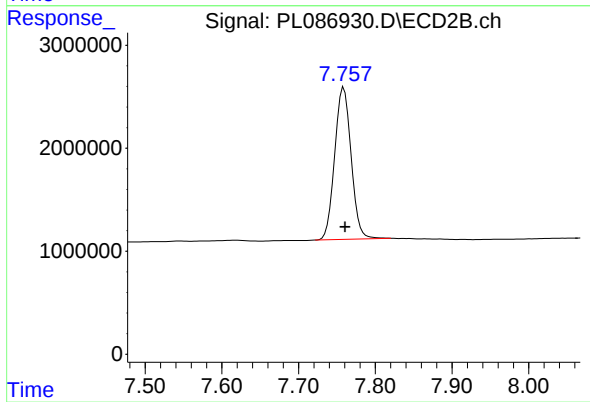
#28 Decachlorobiphenyl

R.T.: 8.841 min
Delta R.T.: -0.001 min
Response: 55446336
Conc: 20.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157509BSD

Manual Integrations
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Supervised By :Ankita Jodhani 12/04/2023



#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: -0.002 min
Response: 22038274
Conc: 19.99 ng/ml