

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121423\
 Data File : PL087156.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Dec 2023 13:54
 Operator : AR\AJ
 Sample : PB157777BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB157777BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/15/2023
 Supervised By :Ankita Jodhani 12/15/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 21:48:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 17:22:26 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...	3.455	2.703	71397795	19248470	19.569	19.489
28)	SA Decachlor...	9.051	7.900	66873812	22340703	22.094	21.809
Target Compounds							
2)	A alpha-BHC	3.914	3.210	251.3E6	62956364	47.836	47.674
3)	MA gamma-BHC...	4.249	3.542	229.9E6	61022167	46.809	46.605
4)	MA Heptachlor	4.844	3.885	240.9E6	58226671	47.519	44.846
5)	MB Aldrin	5.188	4.166	228.3E6	55669219	47.610	45.372
6)	B beta-BHC	4.450	3.844	97314611	26874203	46.319	45.046
7)	B delta-BHC	4.697	4.074	218.5E6	59153878	47.756	46.097
8)	B Heptachlo...	5.621	4.674	209.0E6	53217623	49.303	46.118
9)	A Endosulfan I	6.009	5.045	200.6E6	50562248	49.712	41.593
10)	B gamma-Chl...	5.880	4.928	215.5E6	54705032	50.220	44.701
11)	B alpha-Chl...	5.961	4.993	213.0E6	53951134	49.794	42.883
12)	B 4,4'-DDE	6.146	5.191	168.5E6	46073856	51.487	44.325
13)	MA Dieldrin	6.289	5.313	199.7E6	50409997	48.990	43.321
14)	MA Endrin	6.519	5.589	154.3E6	43543296	46.312	42.588
15)	B Endosulfa...	6.743	5.887	162.9E6	43963704	44.956	44.916
16)	A 4,4'-DDD	6.670	5.750	135.4E6	40378630	55.646	48.696
17)	MA 4,4'-DDT	6.987	6.003	132.4E6	38689931	46.855m	44.102
18)	B Endrin al...	6.876	6.069	122.1E6	35238059	51.891	44.225
19)	B Endosulfa...	7.114	6.294	168.0E6	45554786	51.093	48.758
20)	A Methoxychlor	7.481	6.590	68551492	23022721	46.876	42.226
21)	B Endrin ke...	7.601	6.800	172.1E6	54591431	53.055	50.794
22)	Mirex	8.080	6.983	142.7E6	43602455	48.474	46.398

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121423\
Data File : PL087156.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Dec 2023 13:54
Operator : AR\AJ
Sample : PB157777BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

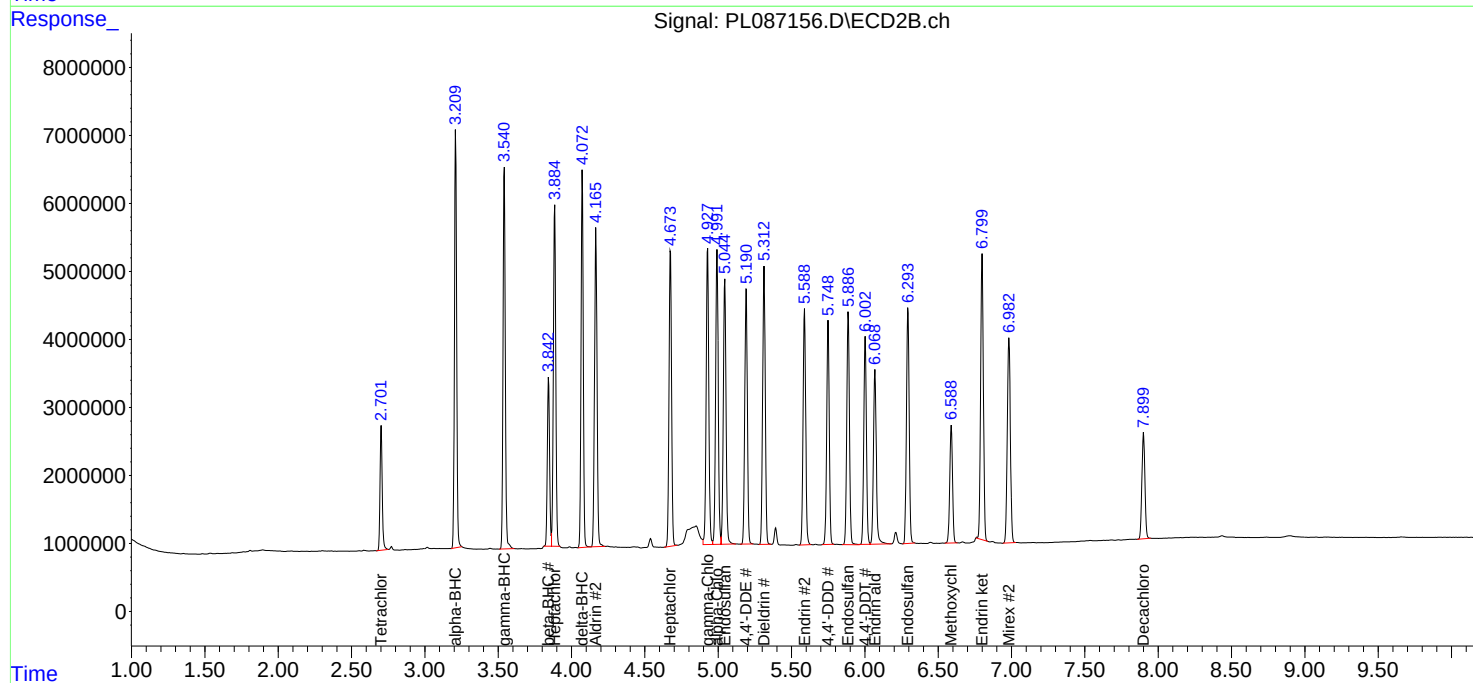
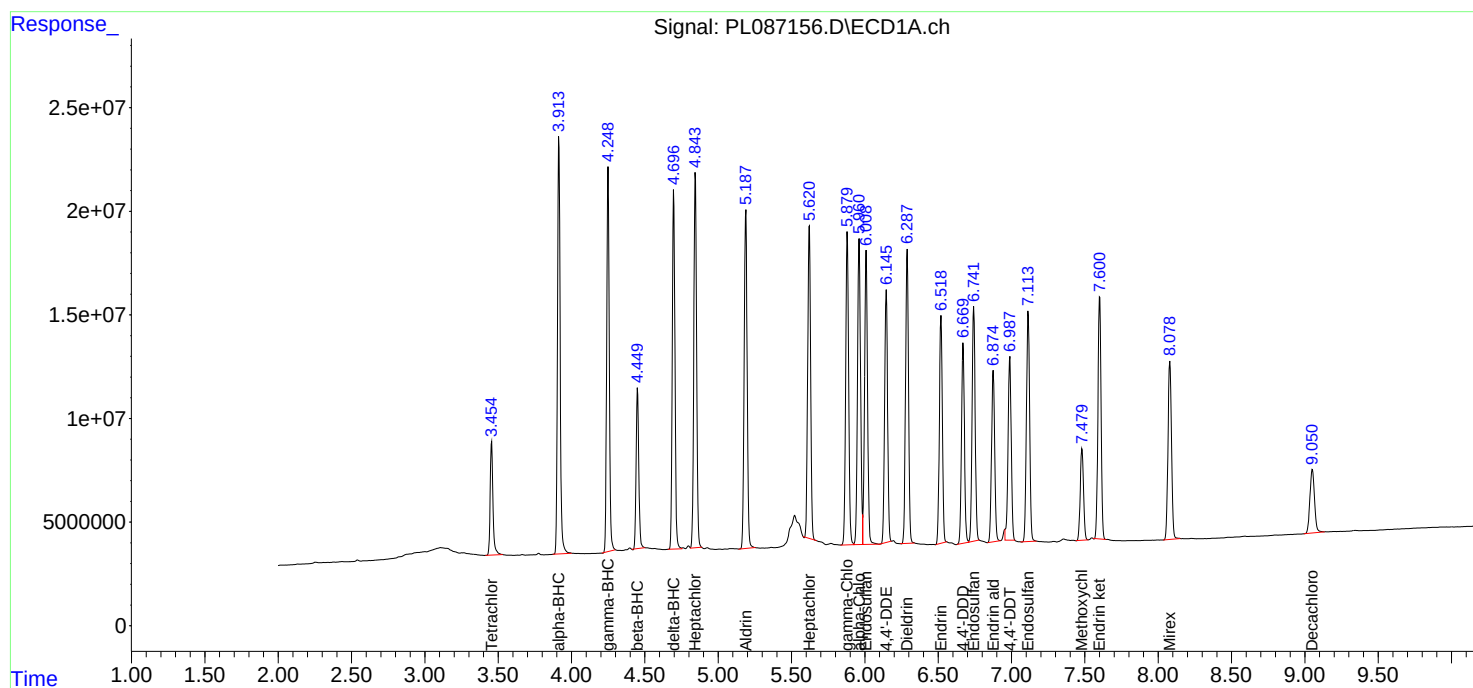
Instrument :
ECD_L
ClientSampleId :
PB157777BS

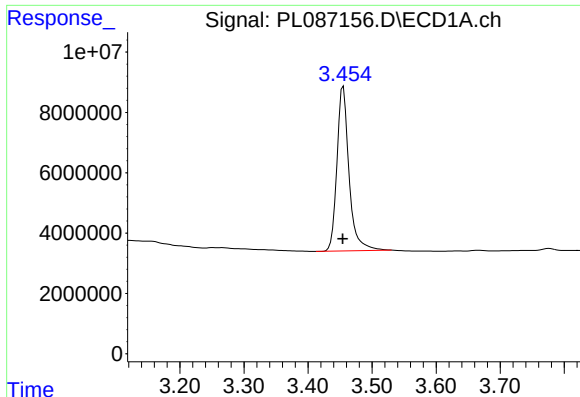
Manual Integrations
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Supervised By :Ankita Jodhani 12/15/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 14 21:48:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
Quant Title : GC Extractables
QLast Update : Tue Dec 12 17:22:26 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





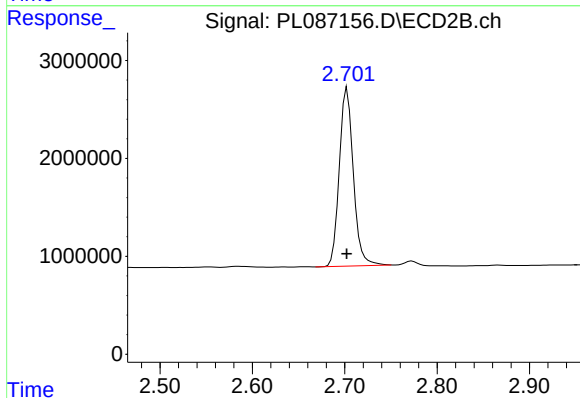
#1 Tetrachloro-m-xylene

R.T.: 3.455 min
Delta R.T.: 0.001 min
Response: 71397795
Conc: 19.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157777BS

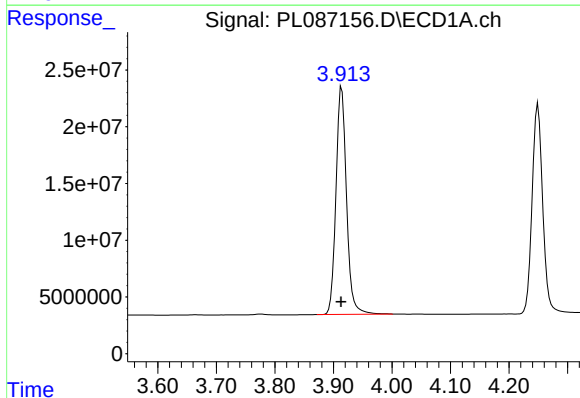
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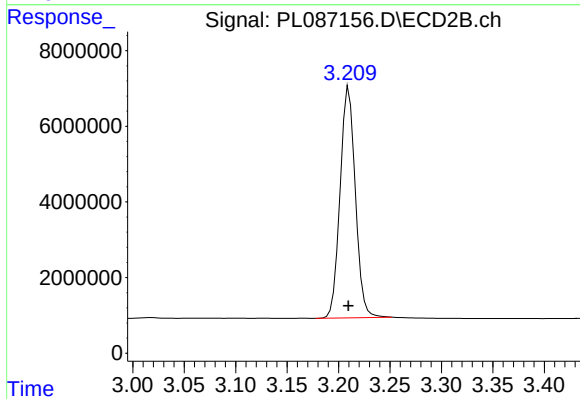
#1 Tetrachloro-m-xylene

R.T.: 2.703 min
Delta R.T.: 0.000 min
Response: 19248470
Conc: 19.49 ng/ml



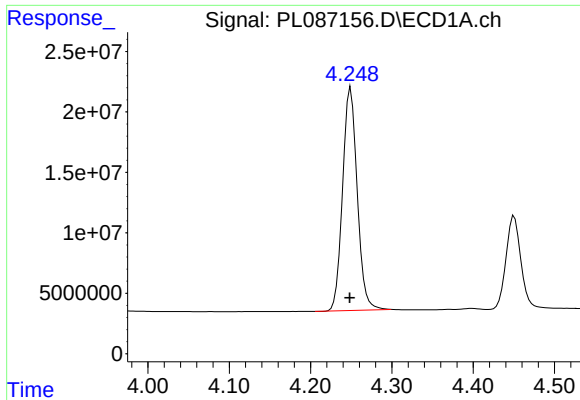
#2 alpha-BHC

R.T.: 3.914 min
Delta R.T.: 0.001 min
Response: 251292099
Conc: 47.84 ng/ml



#2 alpha-BHC

R.T.: 3.210 min
Delta R.T.: 0.000 min
Response: 62956364
Conc: 47.67 ng/ml



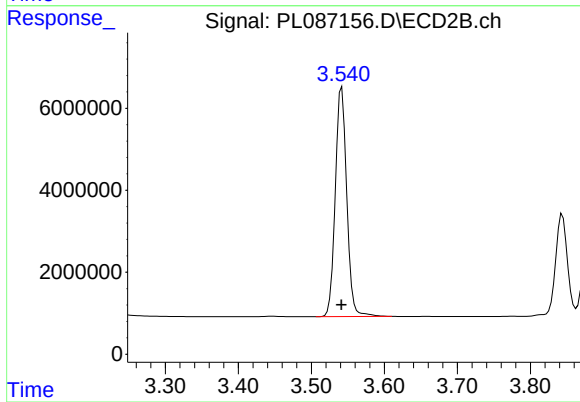
#3 gamma-BHC (Lindane)

R.T.: 4.249 min
Delta R.T.: 0.001 min
Response: 229902134
Conc: 46.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157777BS

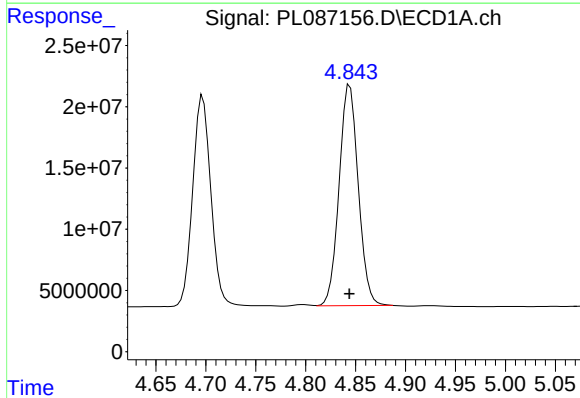
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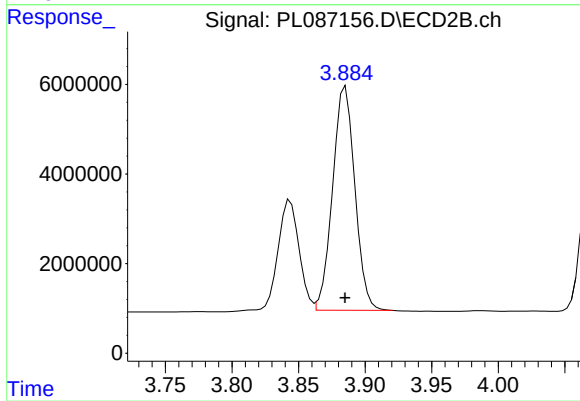
#3 gamma-BHC (Lindane)

R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: 61022167
Conc: 46.61 ng/ml



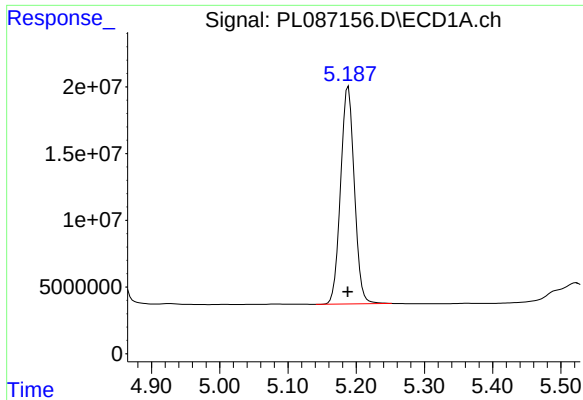
#4 Heptachlor

R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 240876397
Conc: 47.52 ng/ml



#4 Heptachlor

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 58226671
Conc: 44.85 ng/ml



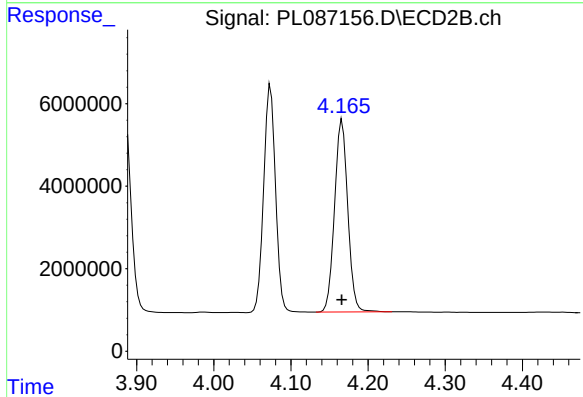
#5 Aldrin

R.T.: 5.188 min
Delta R.T.: 0.000 min
Response: 228259207
Conc: 47.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157777BS

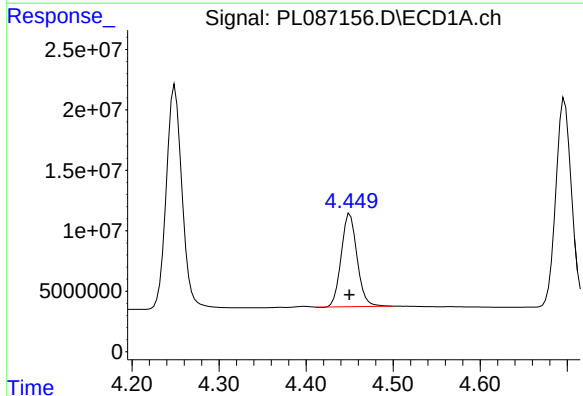
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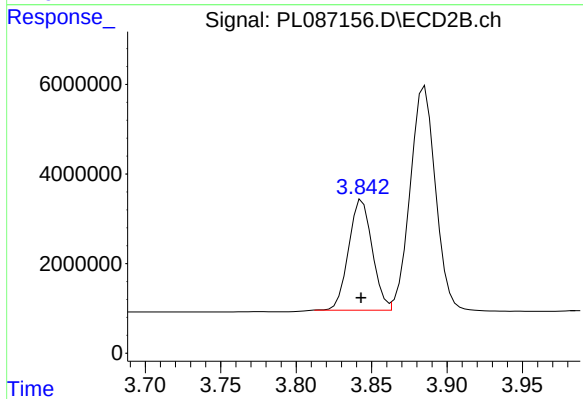
#5 Aldrin

R.T.: 4.166 min
Delta R.T.: 0.000 min
Response: 55669219
Conc: 45.37 ng/ml



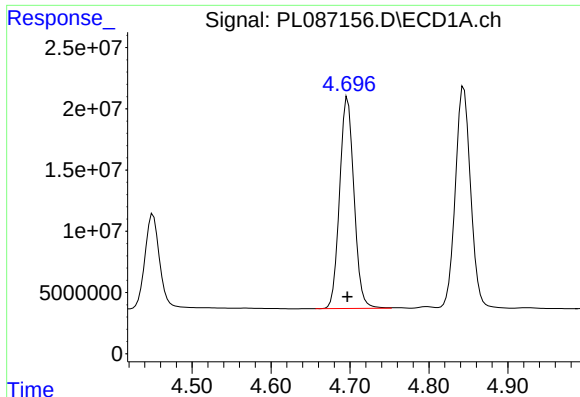
#6 beta-BHC

R.T.: 4.450 min
Delta R.T.: 0.000 min
Response: 97314611
Conc: 46.32 ng/ml



#6 beta-BHC

R.T.: 3.844 min
Delta R.T.: 0.000 min
Response: 26874203
Conc: 45.05 ng/ml



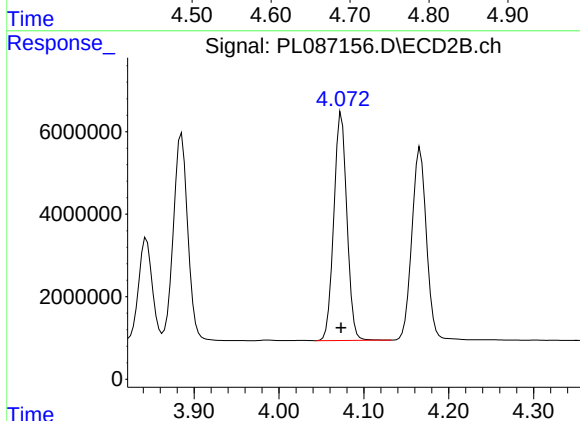
#7 delta-BHC

R.T.: 4.697 min
Delta R.T.: 0.000 min
Response: 218462648
Conc: 47.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157777BS

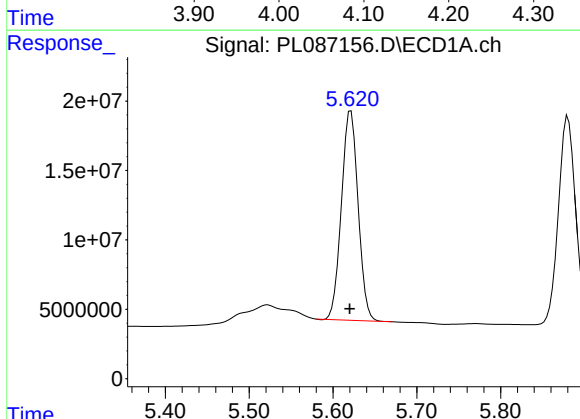
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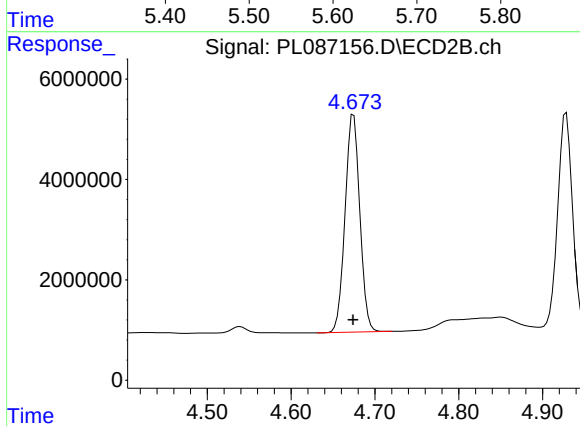
#7 delta-BHC

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 59153878
Conc: 46.10 ng/ml



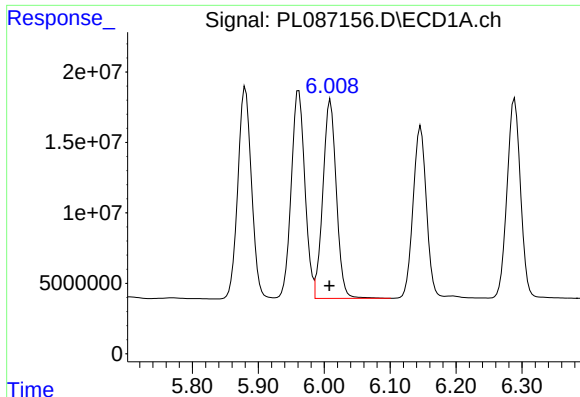
#8 Heptachlor epoxide

R.T.: 5.621 min
Delta R.T.: 0.001 min
Response: 208971320
Conc: 49.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 53217623
Conc: 46.12 ng/ml



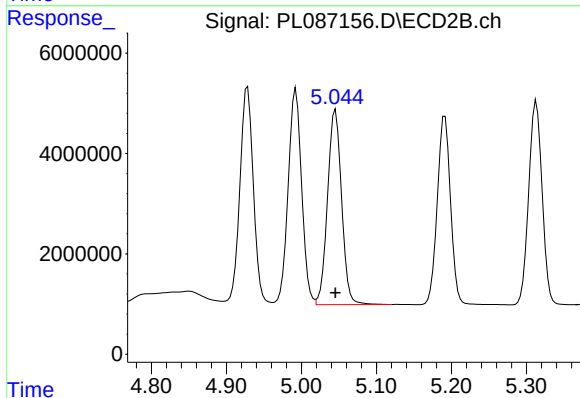
#9 Endosulfan I

R.T.: 6.009 min
Delta R.T.: 0.002 min
Response: 200580633
Conc: 49.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157777BS

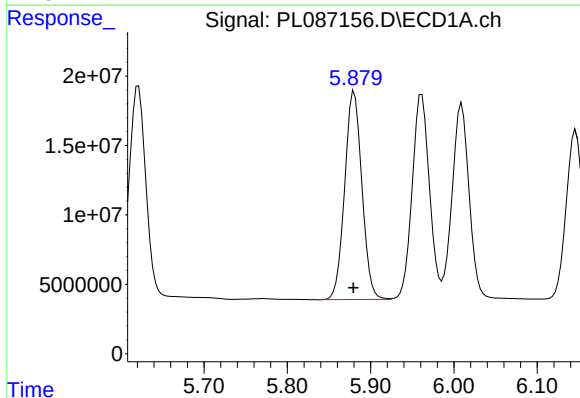
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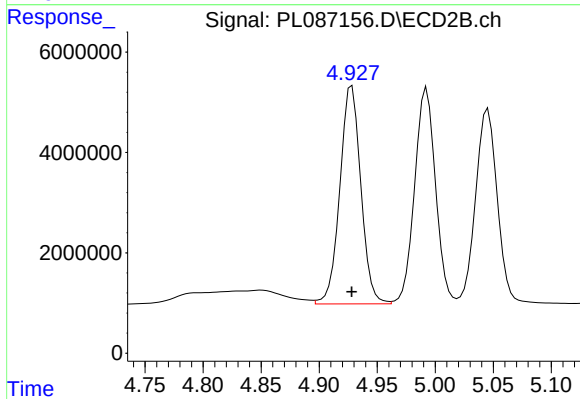
#9 Endosulfan I

R.T.: 5.045 min
Delta R.T.: 0.000 min
Response: 50562248
Conc: 41.59 ng/ml



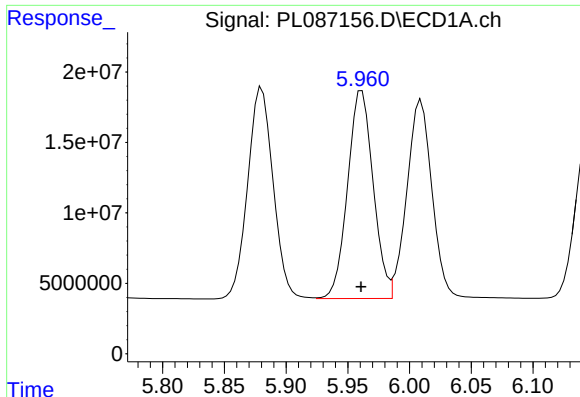
#10 gamma-Chlordane

R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 215475411
Conc: 50.22 ng/ml



#10 gamma-Chlordane

R.T.: 4.928 min
Delta R.T.: 0.000 min
Response: 54705032
Conc: 44.70 ng/ml



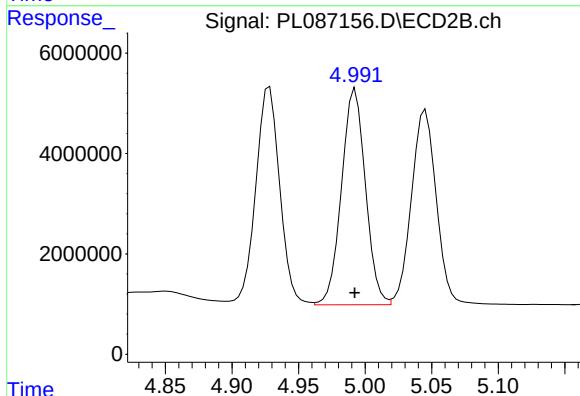
#11 alpha-Chlordane

R.T.: 5.961 min
Delta R.T.: 0.000 min
Response: 212956013
Conc: 49.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157777BS

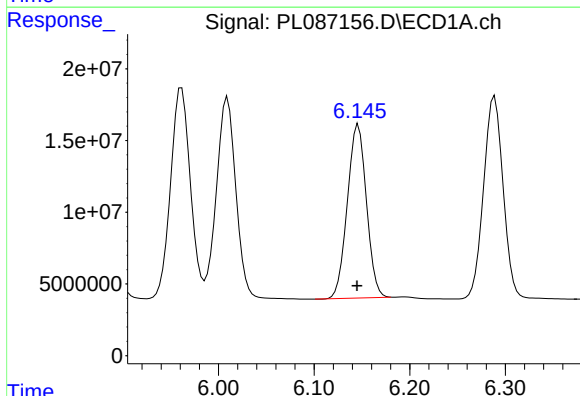
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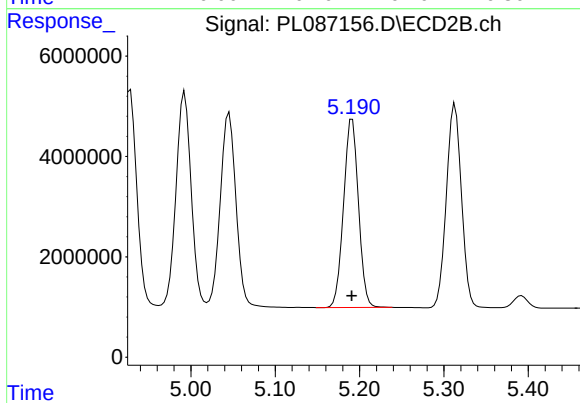
#11 alpha-Chlordane

R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 53951134
Conc: 42.88 ng/ml



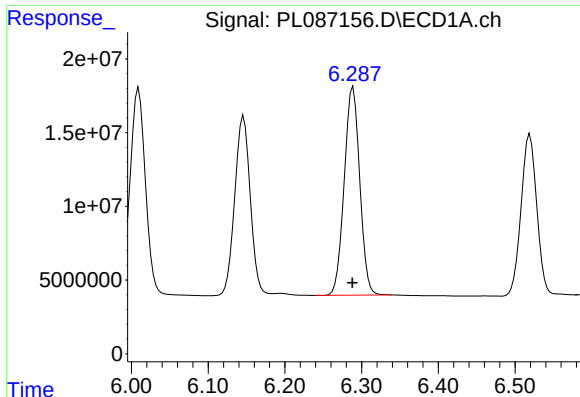
#12 4,4'-DDE

R.T.: 6.146 min
Delta R.T.: 0.001 min
Response: 168539760
Conc: 51.49 ng/ml



#12 4,4'-DDE

R.T.: 5.191 min
Delta R.T.: 0.000 min
Response: 46073856
Conc: 44.32 ng/ml



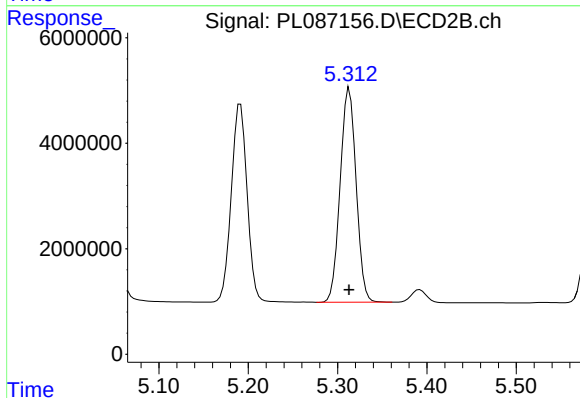
#13 Dieldrin

R.T.: 6.289 min
Delta R.T.: 0.000 min
Response: 199655130
Conc: 48.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157777BS

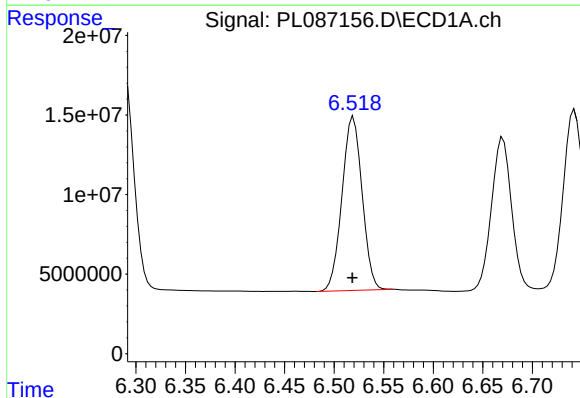
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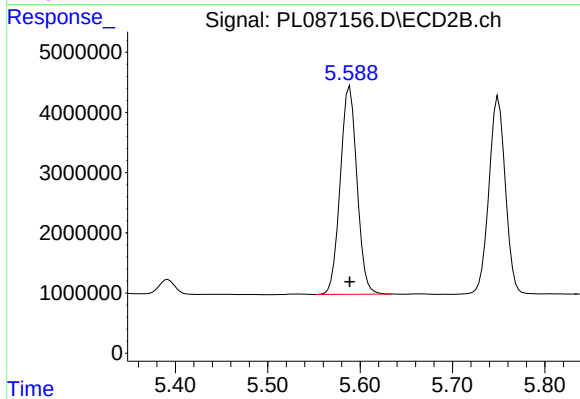
#13 Dieldrin

R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 50409997
Conc: 43.32 ng/ml



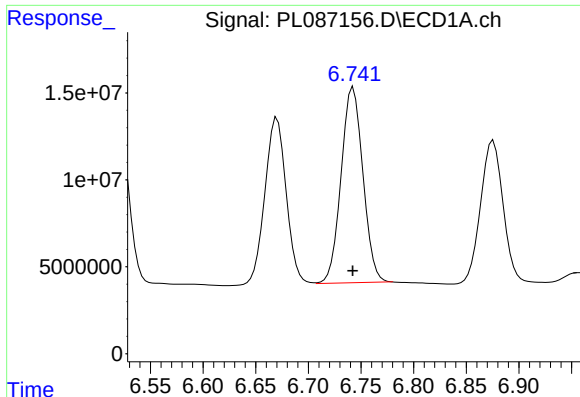
#14 Endrin

R.T.: 6.519 min
Delta R.T.: 0.001 min
Response: 154271153
Conc: 46.31 ng/ml



#14 Endrin

R.T.: 5.589 min
Delta R.T.: 0.000 min
Response: 43543296
Conc: 42.59 ng/ml



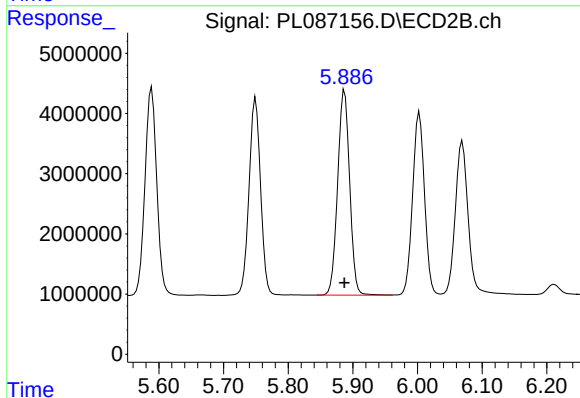
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 162894412
Conc: 44.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157777BS

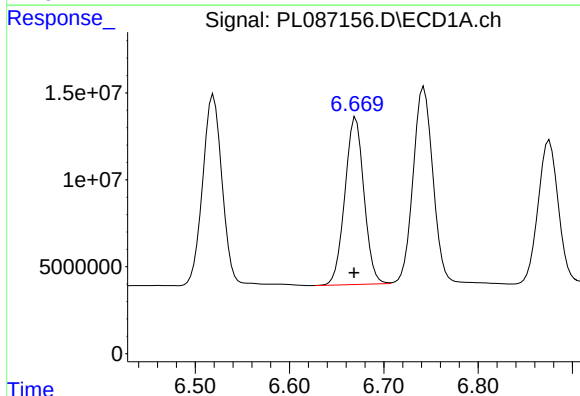
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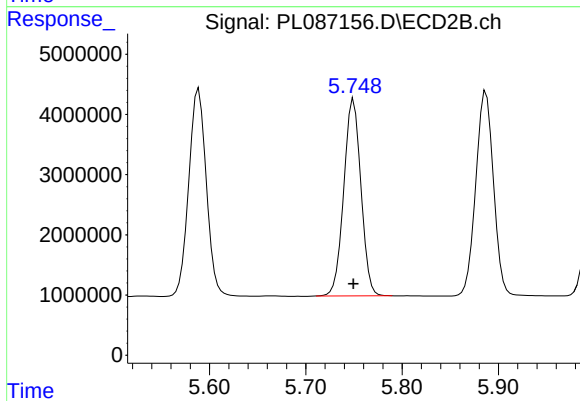
#15 Endosulfan II

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 43963704
Conc: 44.92 ng/ml



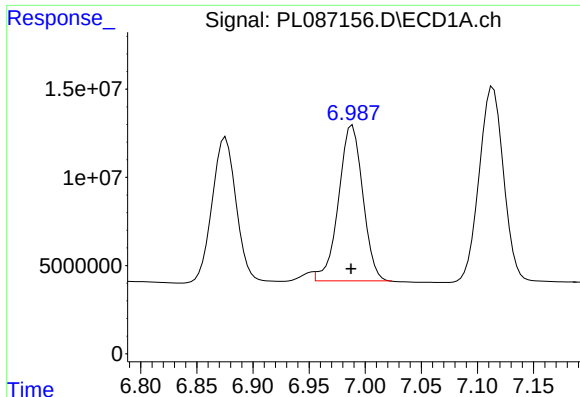
#16 4,4'-DDD

R.T.: 6.670 min
Delta R.T.: 0.002 min
Response: 135411737
Conc: 55.65 ng/ml



#16 4,4'-DDD

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 40378630
Conc: 48.70 ng/ml



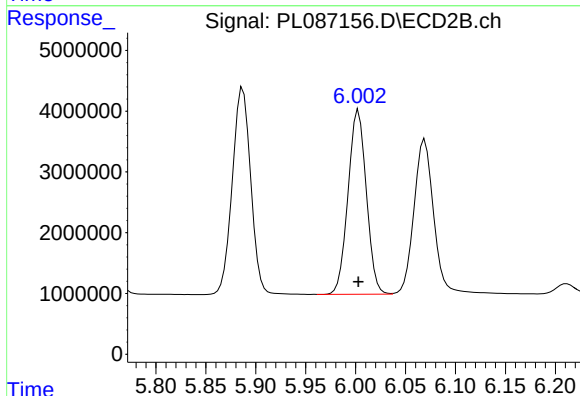
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: 0.000 min
Response: 132381572
Conc: 46.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157777BS

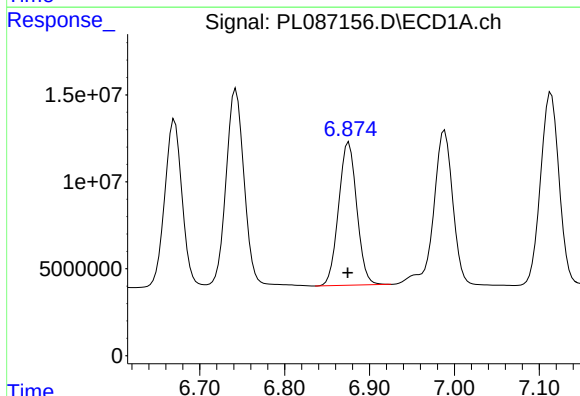
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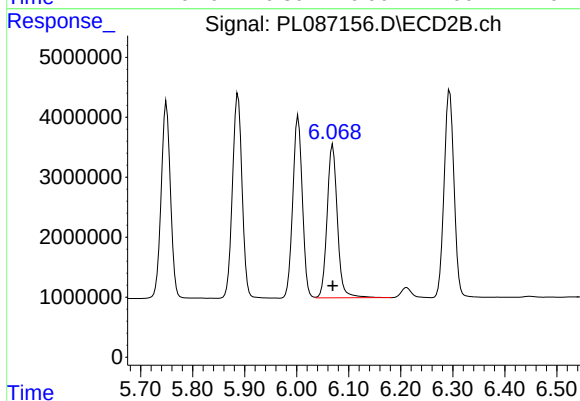
#17 4,4'-DDT

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 38689931
Conc: 44.10 ng/ml



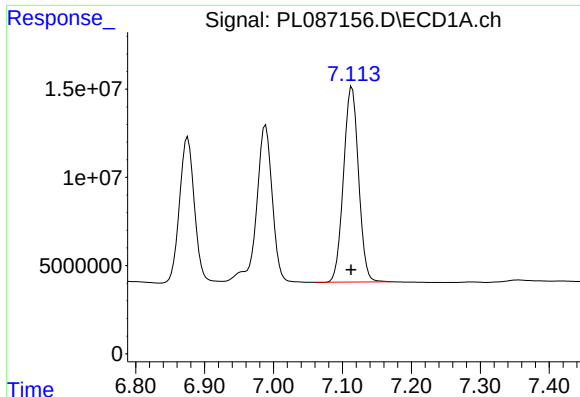
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.002 min
Response: 122147112
Conc: 51.89 ng/ml



#18 Endrin aldehyde

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 35238059
Conc: 44.22 ng/ml



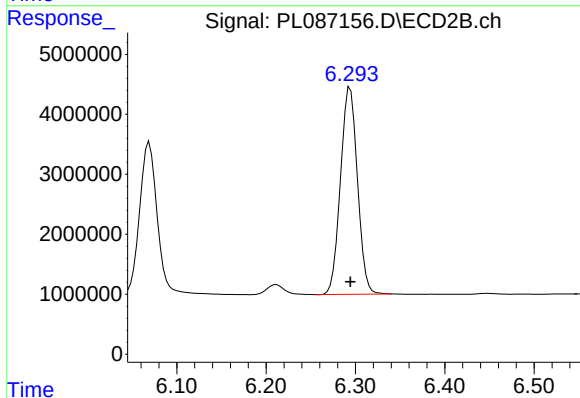
#19 Endosulfan Sulfate

R.T.: 7.114 min
Delta R.T.: 0.002 min
Response: 167966878
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157777BS

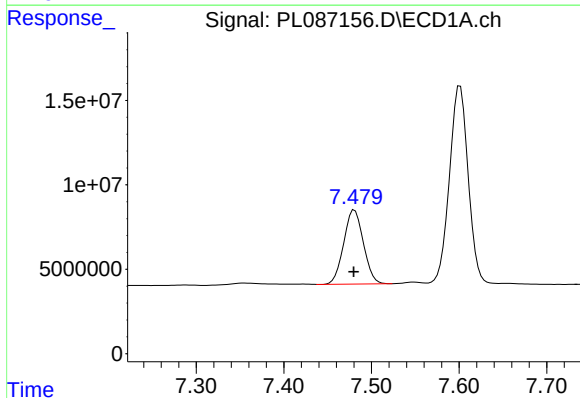
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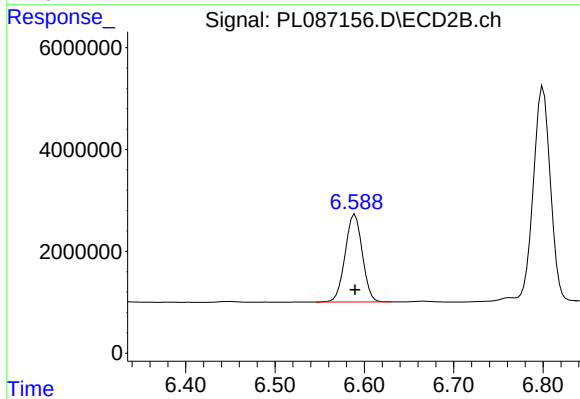
#19 Endosulfan Sulfate

R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 45554786
Conc: 48.76 ng/ml



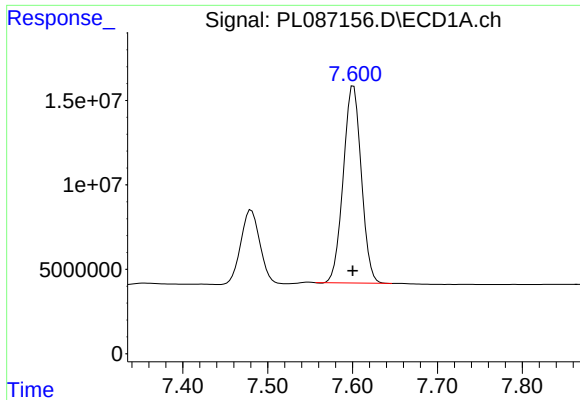
#20 Methoxychlor

R.T.: 7.481 min
Delta R.T.: 0.000 min
Response: 68551492
Conc: 46.88 ng/ml



#20 Methoxychlor

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 23022721
Conc: 42.23 ng/ml



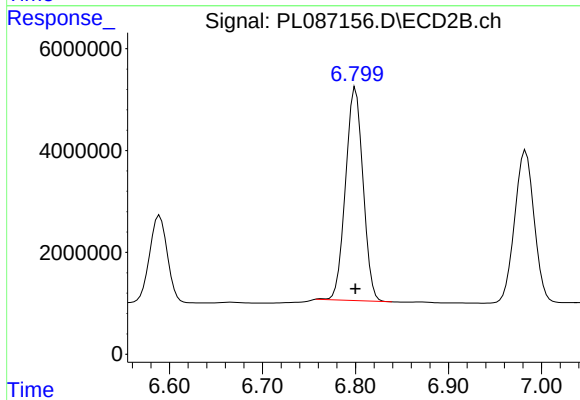
#21 Endrin ketone

R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 172132730
Conc: 53.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157777BS

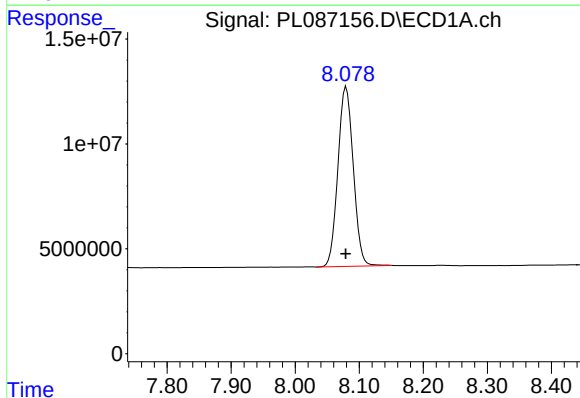
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Supervised By :Ankita Jodhani 12/15/2023



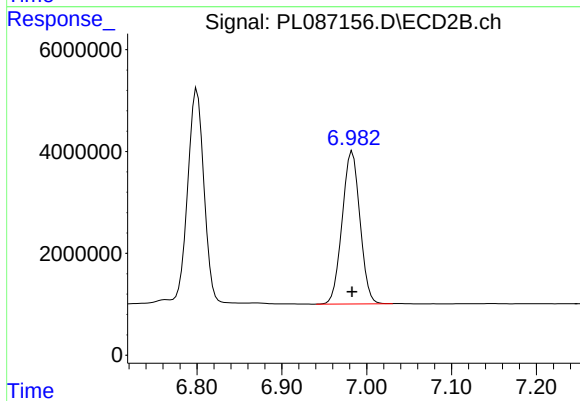
#21 Endrin ketone

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 54591431
Conc: 50.79 ng/ml



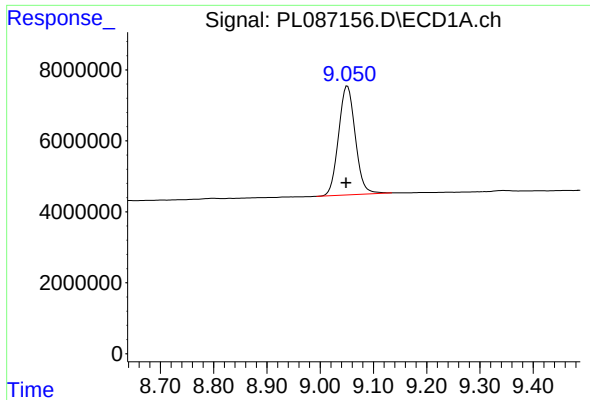
#22 Mirex

R.T.: 8.080 min
Delta R.T.: 0.000 min
Response: 142662453
Conc: 48.47 ng/ml



#22 Mirex

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 43602455
Conc: 46.40 ng/ml



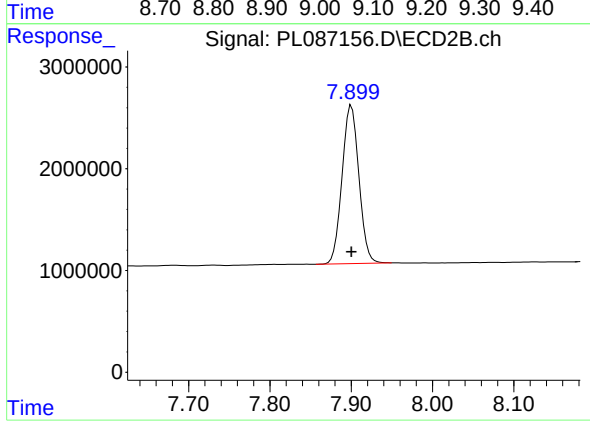
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: 0.002 min
Response: 66873812
Conc: 22.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB157777BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/15/2023
Supervised By :Ankita Jodhani 12/15/2023



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 22340703
Conc: 21.81 ng/ml