

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061924\
 Data File : PL090229.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jun 2024 12:29
 Operator : AR\AJ
 Sample : PB161580BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB161580BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/20/2024
 Supervised By :Ankita Jodhani 06/20/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 01:21:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 14:57:01 2024
 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...	3.549	2.793	46189066	29451448	22.061	20.540
28)	SA Decachlor...	9.058	7.935	28247648	26388655	19.211	17.758
Target Compounds							
2)	A alpha-BHC	4.004	3.296	136.3E6	97902416	45.722	45.800
3)	MA gamma-BHC...	4.336	3.627	135.7E6	97343087	46.690	46.541
4)	MA Heptachlor	4.925	3.968	124.3E6	91281215	47.598	45.738
5)	MB Aldrin	5.267	4.247	122.7E6	92927144	46.178	46.505m
6)	B beta-BHC	4.532	3.924	60895516	42040956	46.621	45.956
7)	B delta-BHC	4.779	4.155	119.1E6	86408680	43.241	42.873
8)	B Heptachlo...	5.692	4.750	116.4E6	85434079	46.731	46.552
9)	A Endosulfan I	6.077	5.120	105.4E6	78433834	46.684	45.911
10)	B gamma-Chl...	5.947	5.000	111.8E6	87638708	46.229	47.020
11)	B alpha-Chl...	6.026	5.064	112.4E6	88170094	46.800	46.992
12)	B 4,4'-DDE	6.199	5.253	99942878	79305224	45.943	47.469
13)	MA Dieldrin	6.352	5.384	110.4E6	86349092	46.570	46.862
14)	MA Endrin	6.581	5.659	93076922	73475027	46.296	44.857
15)	B Endosulfa...	6.799	5.953	97292462	76550587	46.669	47.533
16)	A 4,4'-DDD	6.715	5.807	86639653	67251154	49.462	47.710
17)	MA 4,4'-DDT	7.029	6.058	84833350	66901475	46.078	44.055
18)	B Endrin al...	6.929	6.132	76380279	59638266	49.275	49.143
19)	B Endosulfa...	7.163	6.355	91223549	73214562	47.667	46.555
20)	A Methoxychlor	7.503	6.632	46831890	38252804	47.682	43.001
21)	B Endrin ke...	7.647	6.861	102.9E6	86425809	48.846	47.426
22)	Mirex	8.121	7.043	75335964	67331654	45.285	43.842

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

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Data File : PL090229.D
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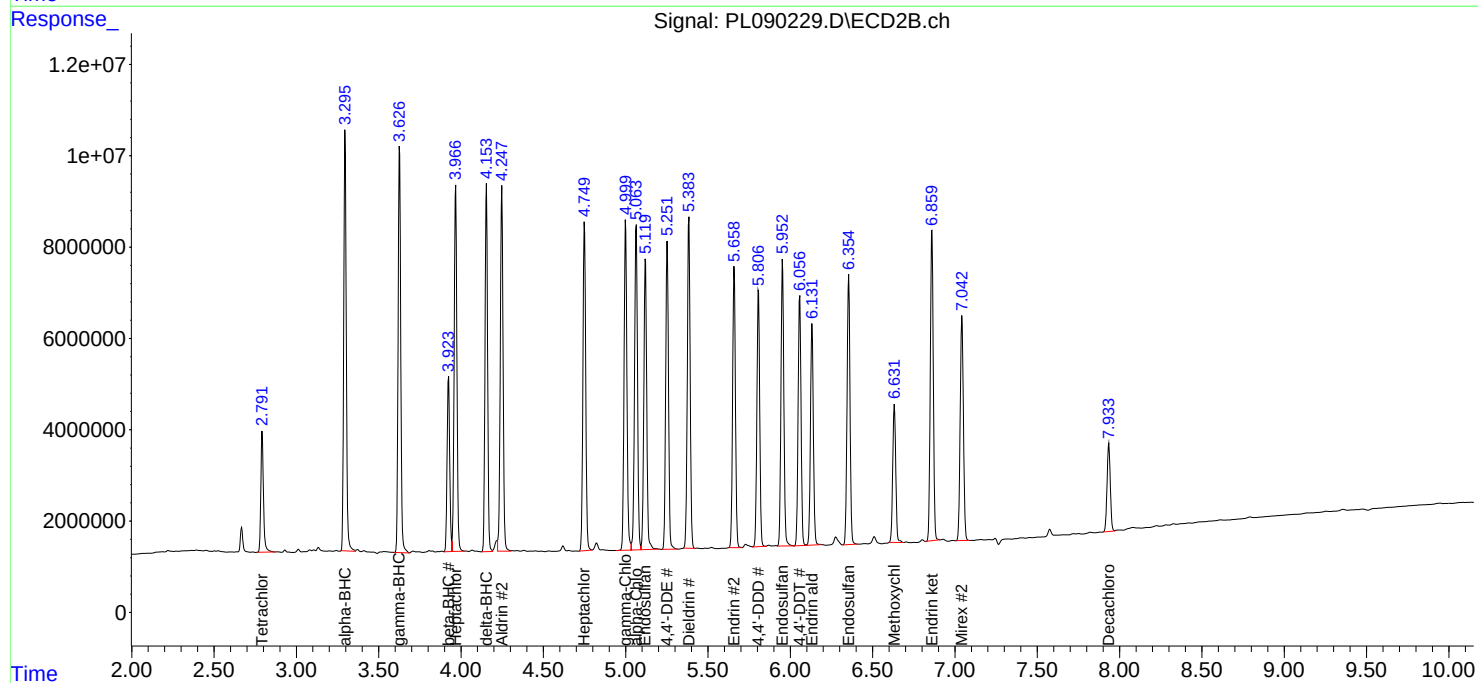
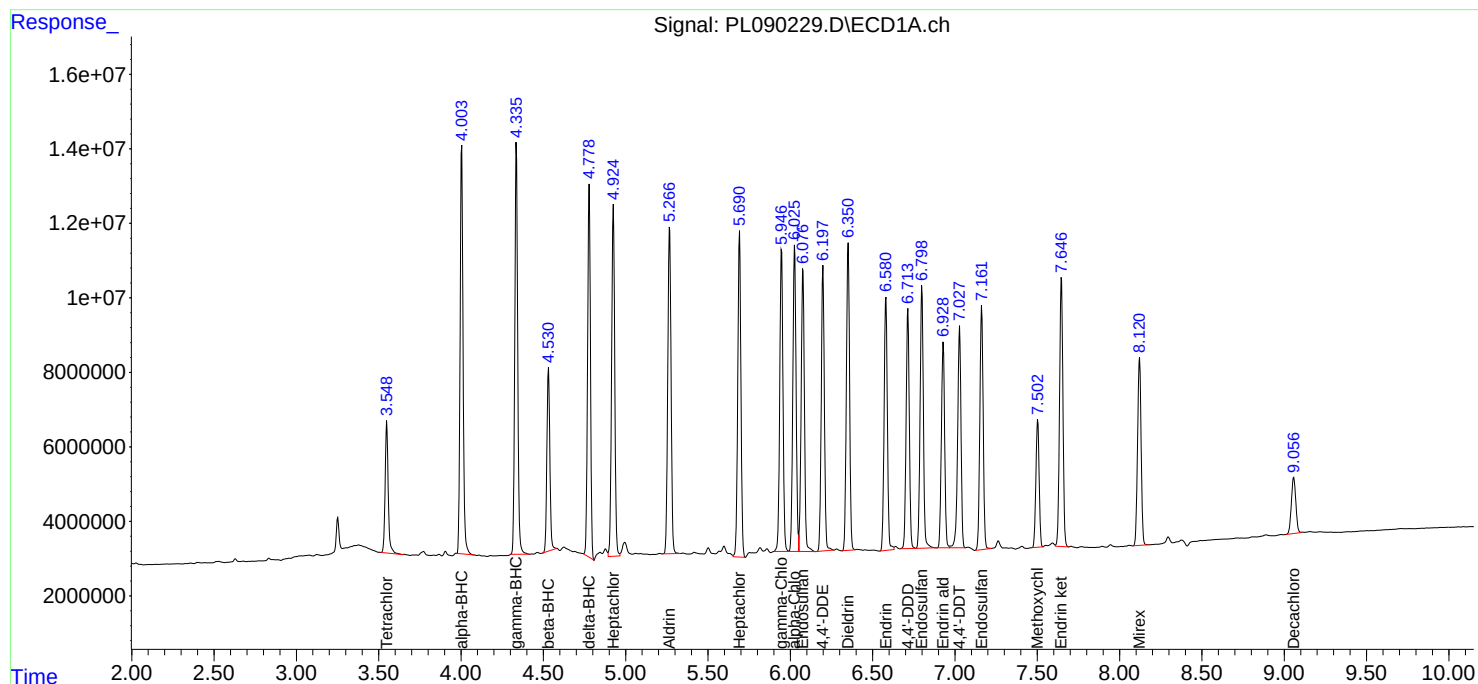
Manual Integrations

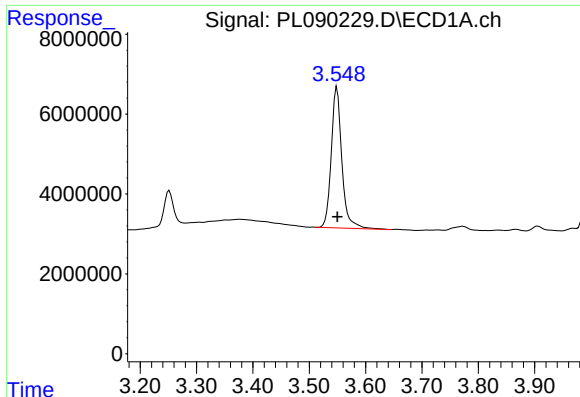
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Supervised By :Ankita Jodhani 06/20/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 01:21:42 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052424.M
Quant Title : GC Extractables
QLast Update : Fri May 24 14:57:01 2024
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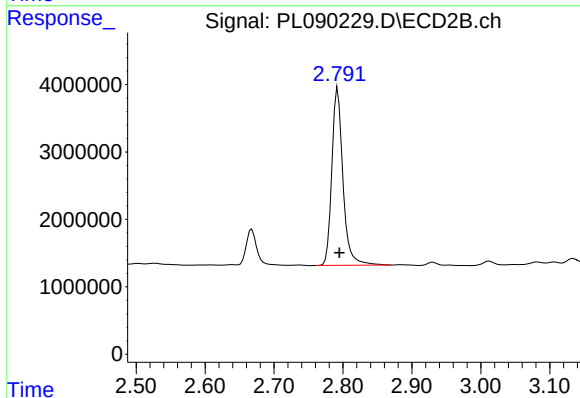
#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 46189066
Conc: 22.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161580BS

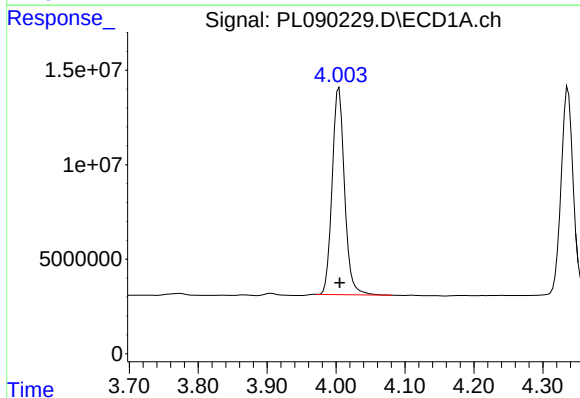
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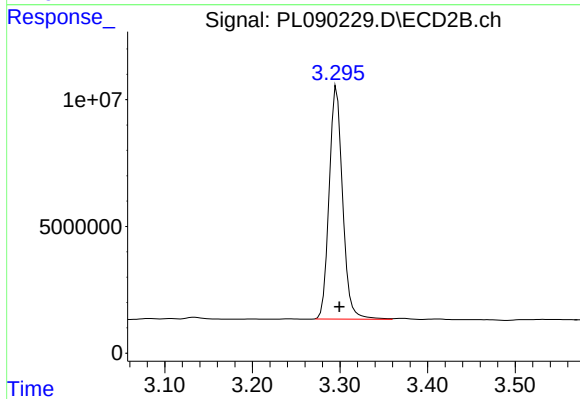
#1 Tetrachloro-m-xylene

R.T.: 2.793 min
Delta R.T.: -0.002 min
Response: 29451448
Conc: 20.54 ng/ml



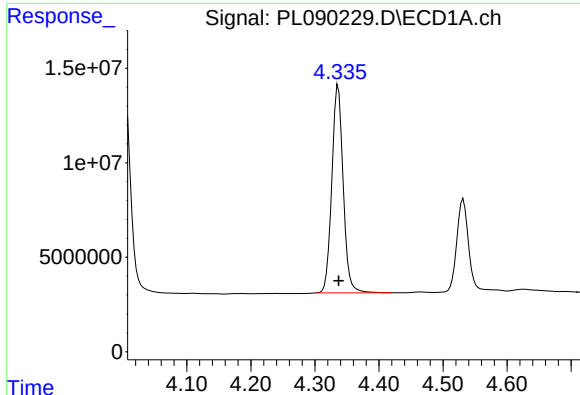
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 136320606
Conc: 45.72 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.003 min
Response: 97902416
Conc: 45.80 ng/ml



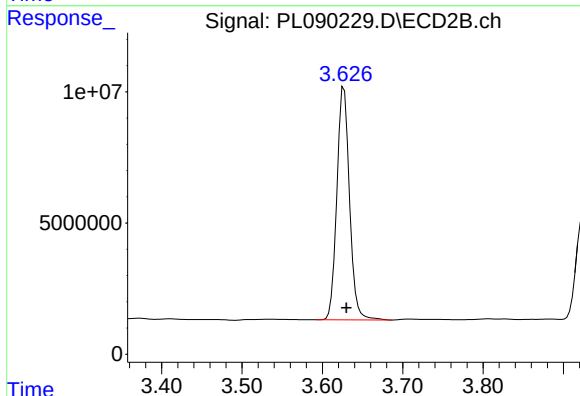
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: -0.001 min
Response: 135692293
Conc: 46.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161580BS

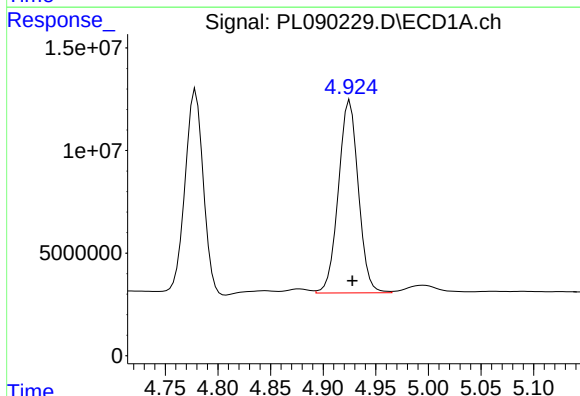
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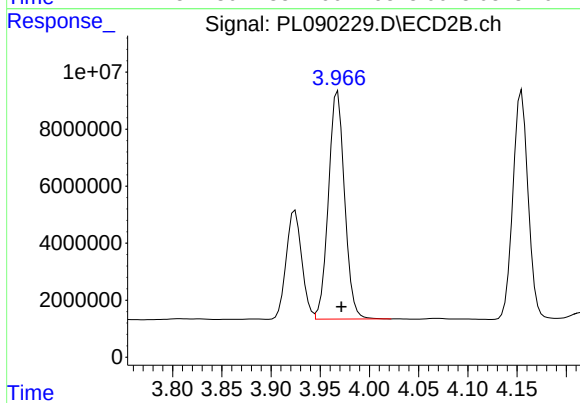
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: -0.003 min
Response: 97343087
Conc: 46.54 ng/ml



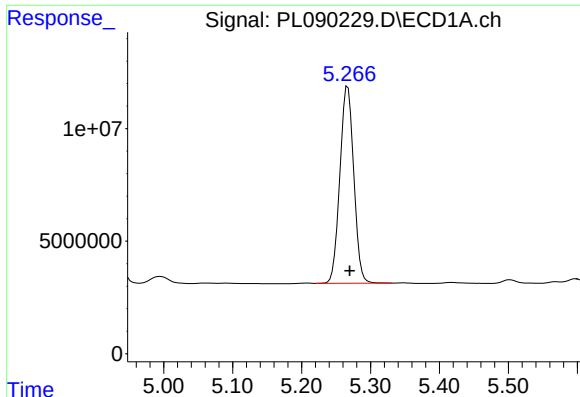
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: -0.002 min
Response: 124253078
Conc: 47.60 ng/ml



#4 Heptachlor

R.T.: 3.968 min
Delta R.T.: -0.004 min
Response: 91281215
Conc: 45.74 ng/ml



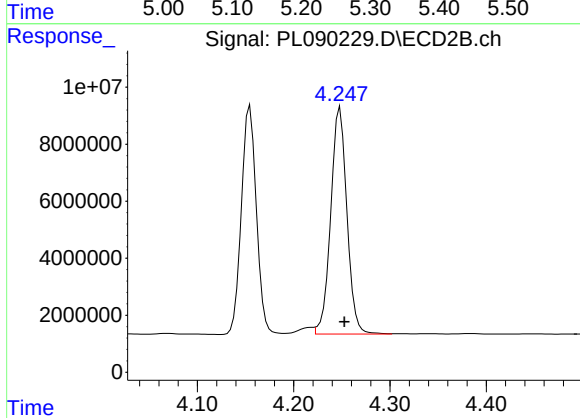
#5 Aldrin

R.T.: 5.267 min
Delta R.T.: -0.003 min
Response: 122727264
Conc: 46.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161580BS

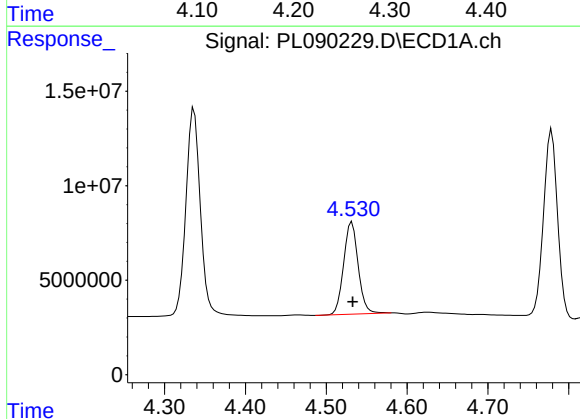
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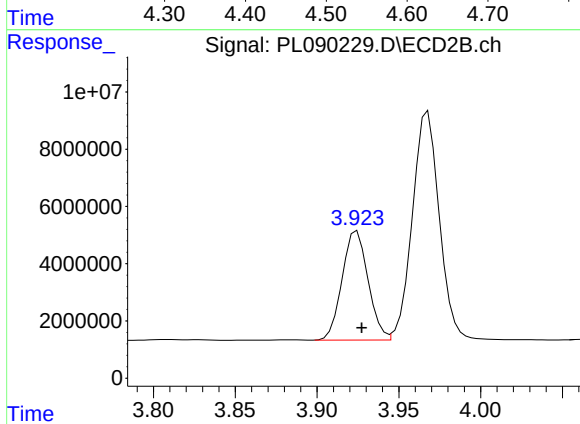
#5 Aldrin

R.T.: 4.247 min
Delta R.T.: -0.006 min
Response: 92927144
Conc: 46.50 ng/ml m



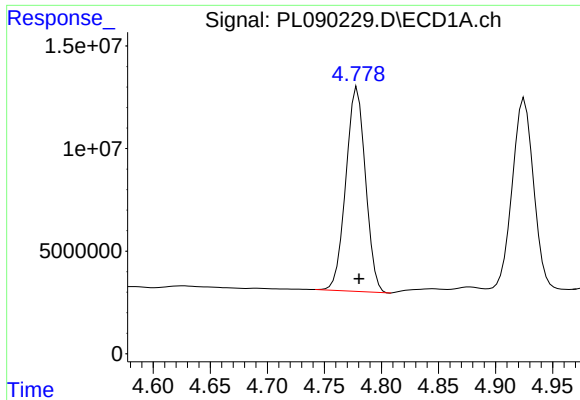
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 60895516
Conc: 46.62 ng/ml



#6 beta-BHC

R.T.: 3.924 min
Delta R.T.: -0.003 min
Response: 42040956
Conc: 45.96 ng/ml



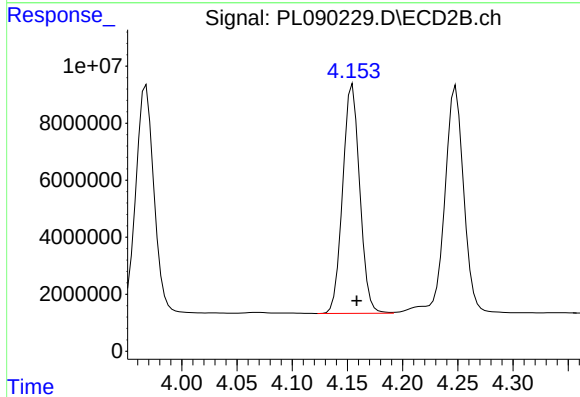
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: -0.002 min
Response: 119119744
Conc: 43.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161580BS

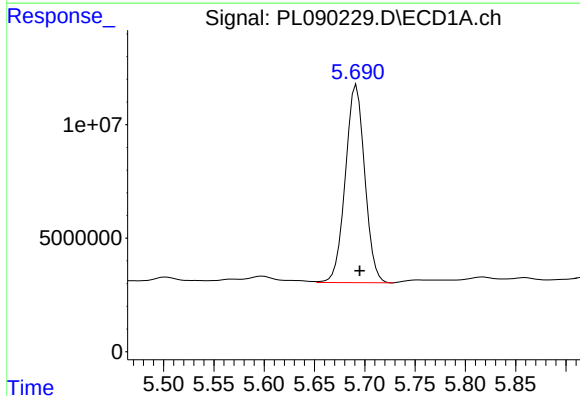
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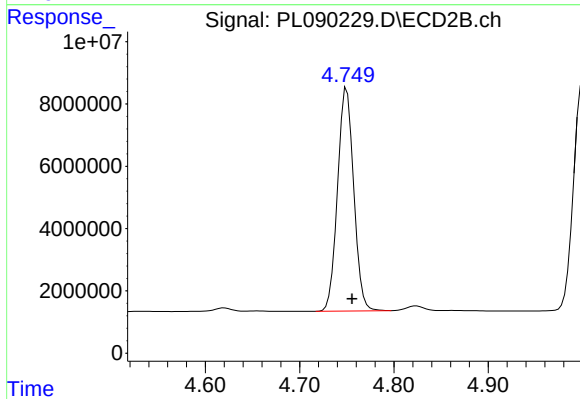
#7 delta-BHC

R.T.: 4.155 min
Delta R.T.: -0.004 min
Response: 86408680
Conc: 42.87 ng/ml



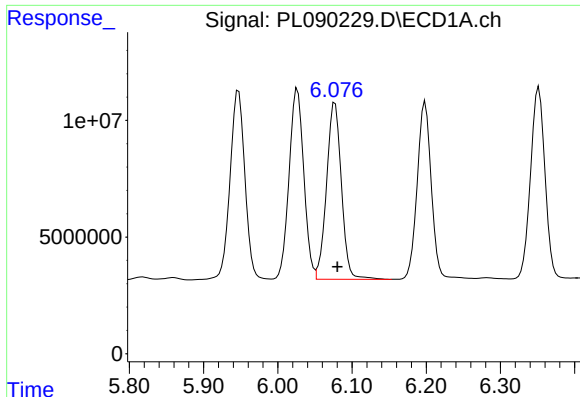
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: -0.003 min
Response: 116393572
Conc: 46.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.750 min
Delta R.T.: -0.005 min
Response: 85434079
Conc: 46.55 ng/ml



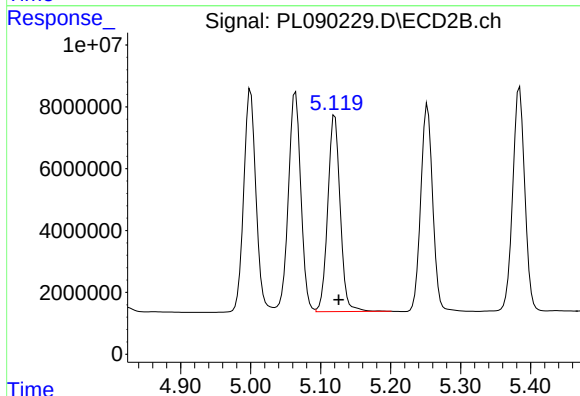
#9 Endosulfan I

R.T.: 6.077 min
Delta R.T.: -0.004 min
Response: 105436513
Conc: 46.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161580BS

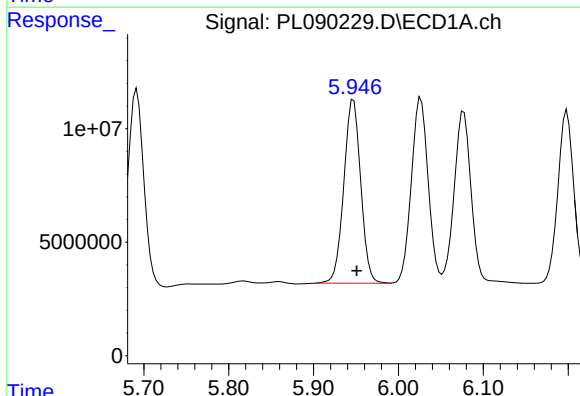
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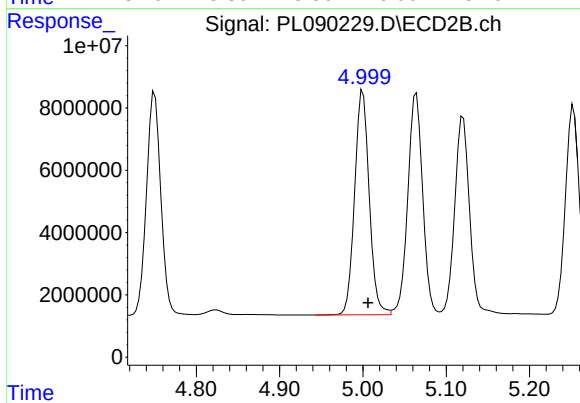
#9 Endosulfan I

R.T.: 5.120 min
Delta R.T.: -0.006 min
Response: 78433834
Conc: 45.91 ng/ml



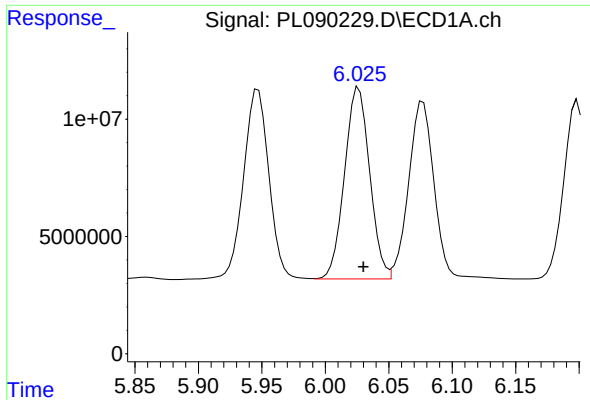
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 111796278
Conc: 46.23 ng/ml



#10 gamma-Chlordane

R.T.: 5.000 min
Delta R.T.: -0.006 min
Response: 87638708
Conc: 47.02 ng/ml



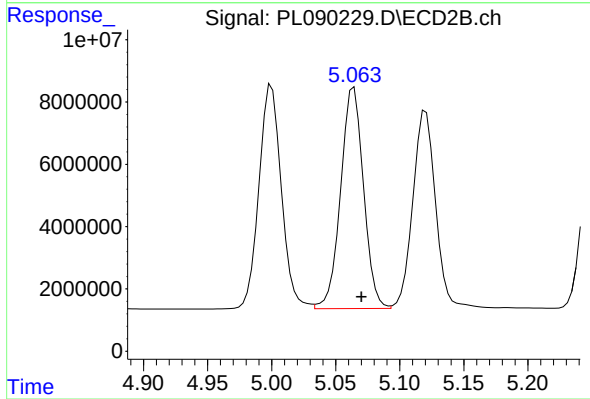
#11 alpha-Chlordane

R.T.: 6.026 min
Delta R.T.: -0.004 min
Response: 112416303
Conc: 46.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161580BS

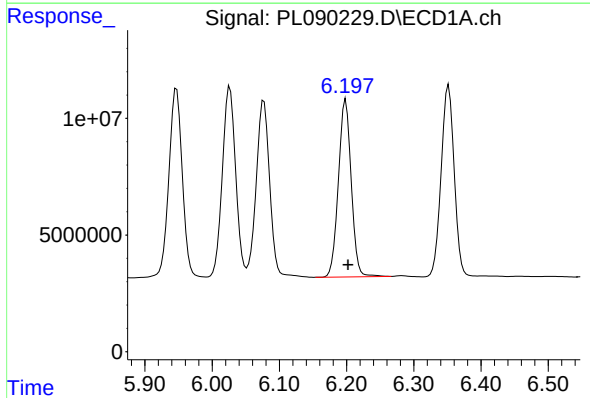
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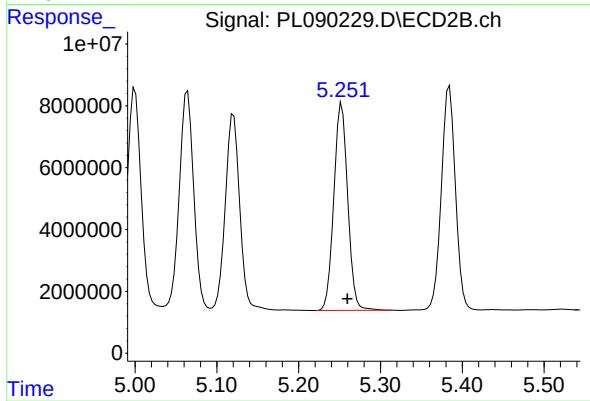
#11 alpha-Chlordane

R.T.: 5.064 min
Delta R.T.: -0.006 min
Response: 88170094
Conc: 46.99 ng/ml



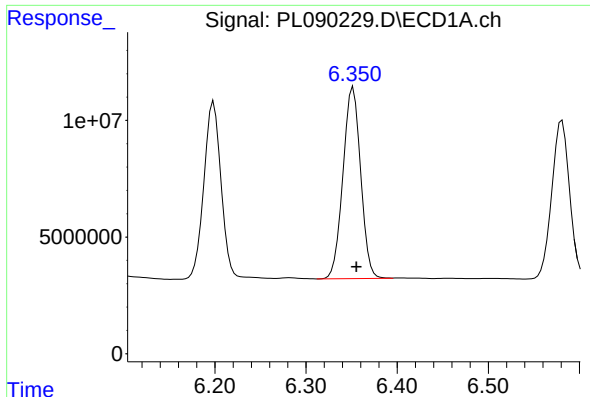
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: -0.004 min
Response: 99942878
Conc: 45.94 ng/ml



#12 4,4'-DDE

R.T.: 5.253 min
Delta R.T.: -0.007 min
Response: 79305224
Conc: 47.47 ng/ml



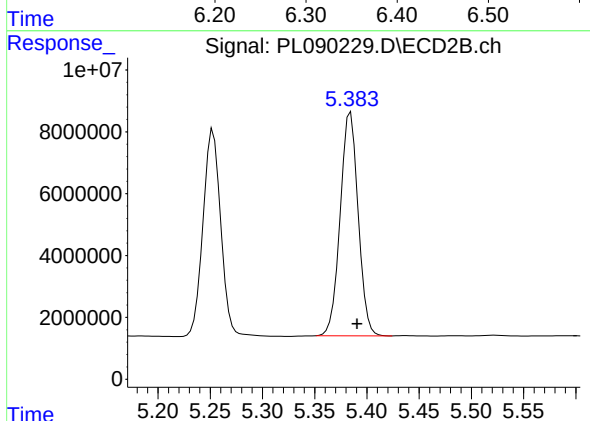
#13 Dieldrin

R.T.: 6.352 min
Delta R.T.: -0.003 min
Response: 110404499
Conc: 46.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161580BS

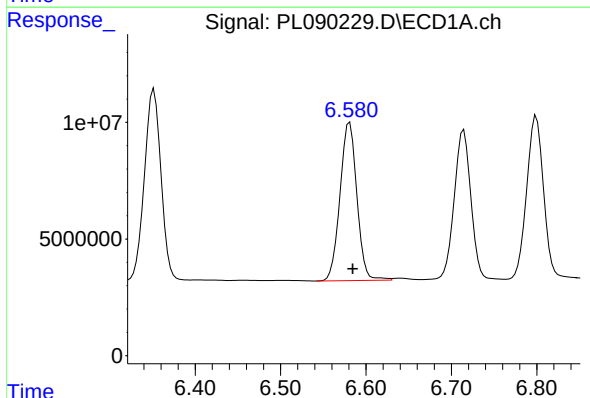
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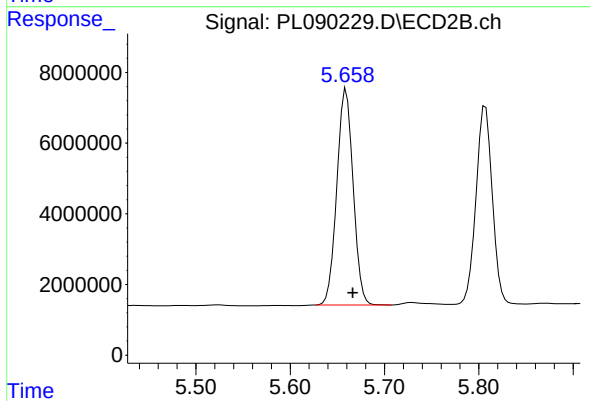
#13 Dieldrin

R.T.: 5.384 min
Delta R.T.: -0.006 min
Response: 86349092
Conc: 46.86 ng/ml



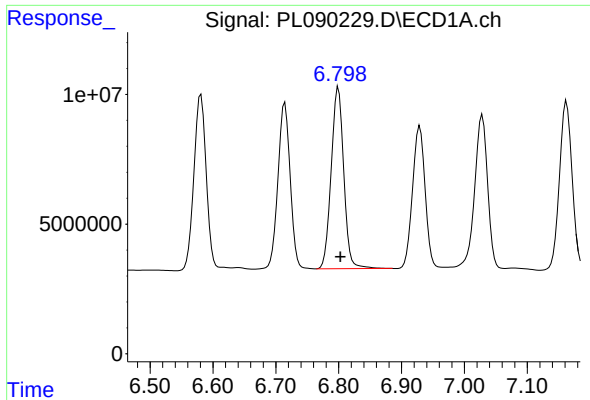
#14 Endrin

R.T.: 6.581 min
Delta R.T.: -0.003 min
Response: 93076922
Conc: 46.30 ng/ml



#14 Endrin

R.T.: 5.659 min
Delta R.T.: -0.007 min
Response: 73475027
Conc: 44.86 ng/ml



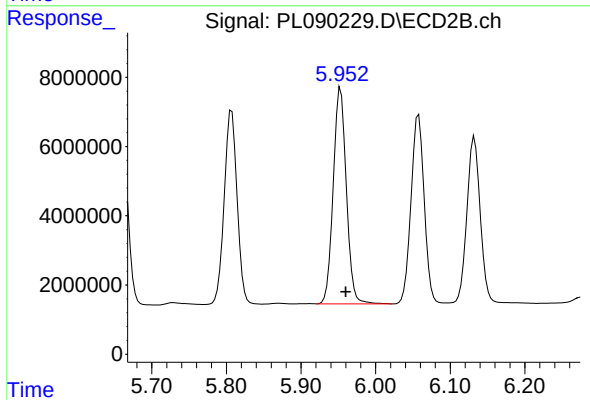
#15 Endosulfan II

R.T.: 6.799 min
Delta R.T.: -0.003 min
Response: 97292462
Conc: 46.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161580BS

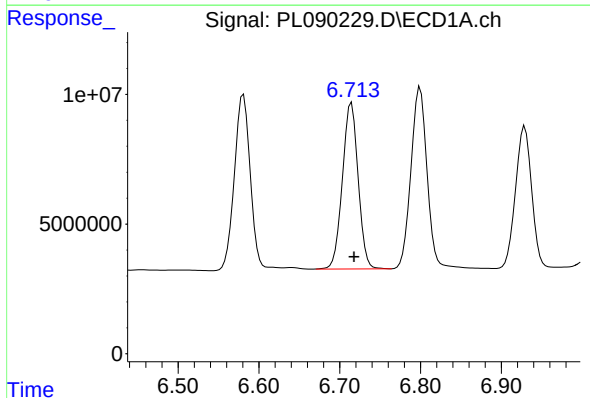
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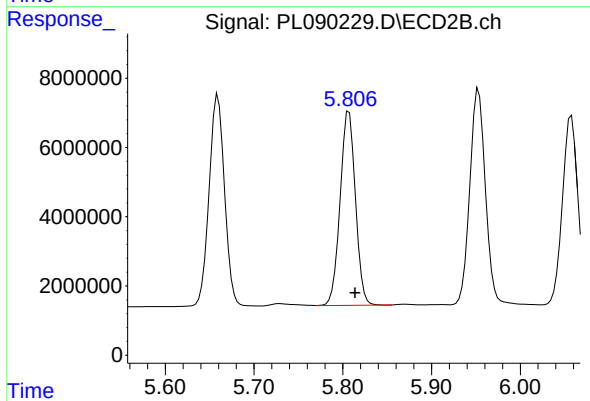
#15 Endosulfan II

R.T.: 5.953 min
Delta R.T.: -0.007 min
Response: 76550587
Conc: 47.53 ng/ml



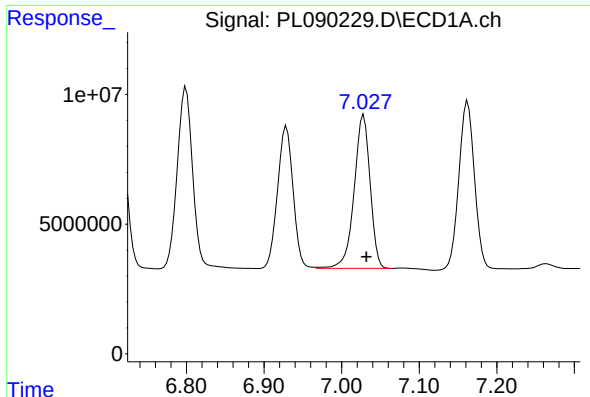
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: -0.003 min
Response: 86639653
Conc: 49.46 ng/ml



#16 4,4'-DDD

R.T.: 5.807 min
Delta R.T.: -0.007 min
Response: 67251154
Conc: 47.71 ng/ml



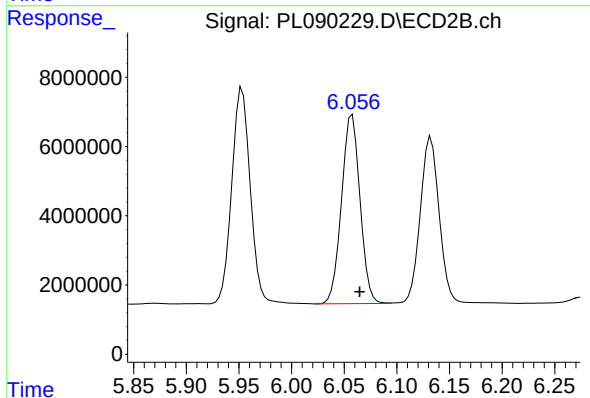
#17 4,4'-DDT

R.T.: 7.029 min
Delta R.T.: -0.004 min
Response: 84833350
Conc: 46.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161580BS

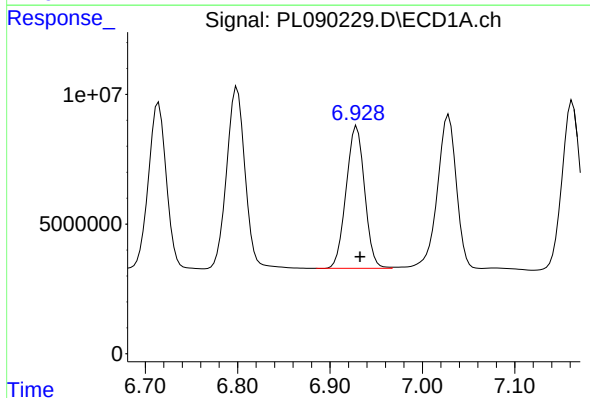
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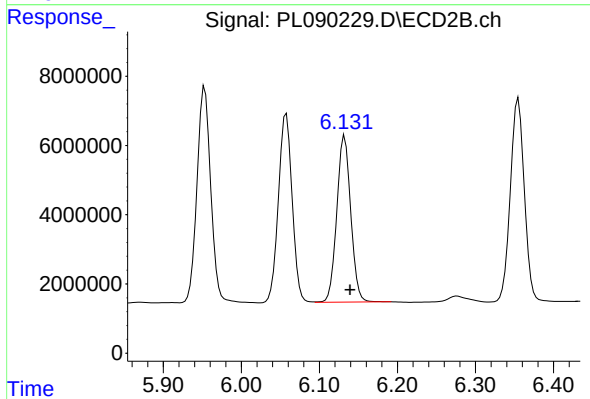
#17 4,4'-DDT

R.T.: 6.058 min
Delta R.T.: -0.007 min
Response: 66901475
Conc: 44.05 ng/ml



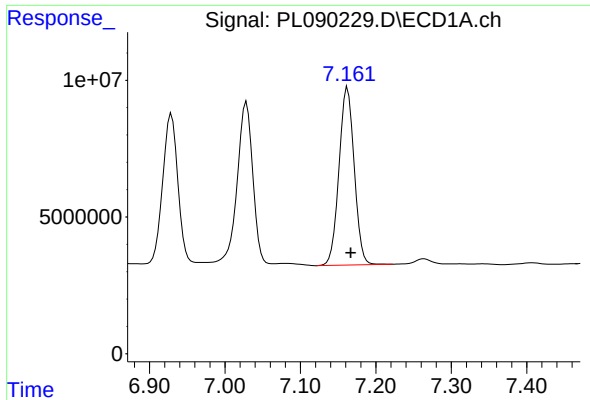
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: -0.003 min
Response: 76380279
Conc: 49.28 ng/ml



#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: -0.007 min
Response: 59638266
Conc: 49.14 ng/ml



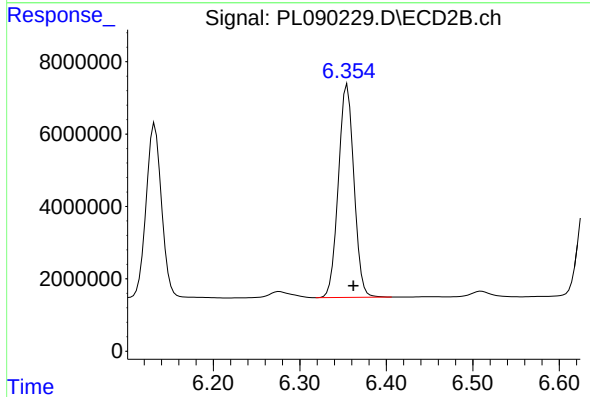
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: -0.004 min
Response: 91223549
Conc: 47.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161580BS

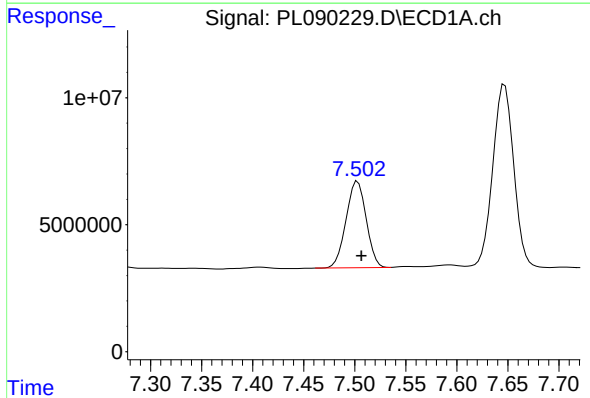
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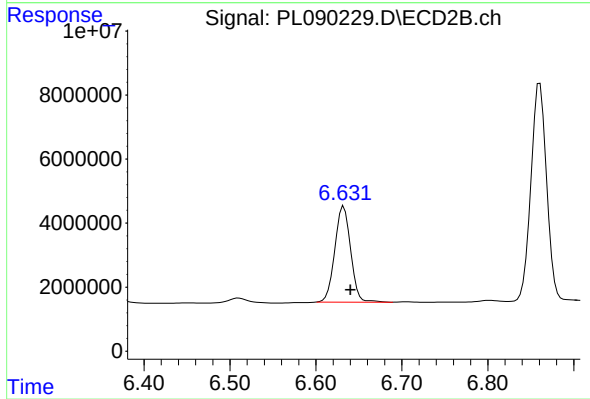
#19 Endosulfan Sulfate

R.T.: 6.355 min
Delta R.T.: -0.007 min
Response: 73214562
Conc: 46.55 ng/ml



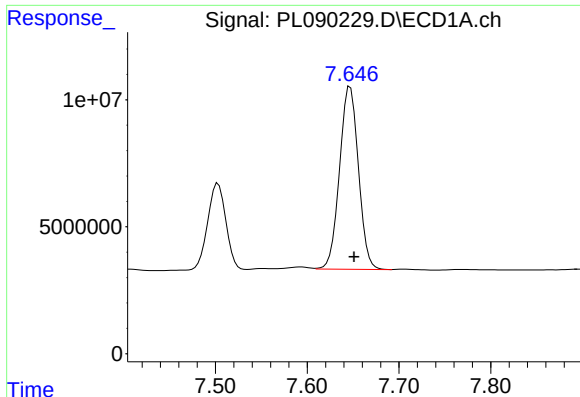
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.004 min
Response: 46831890
Conc: 47.68 ng/ml



#20 Methoxychlor

R.T.: 6.632 min
Delta R.T.: -0.008 min
Response: 38252804
Conc: 43.00 ng/ml



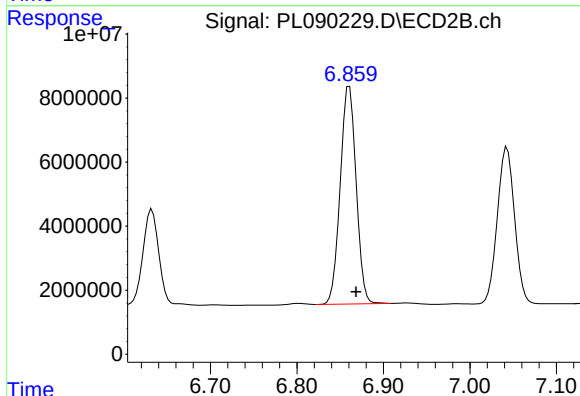
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 102853873
Conc: 48.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161580BS

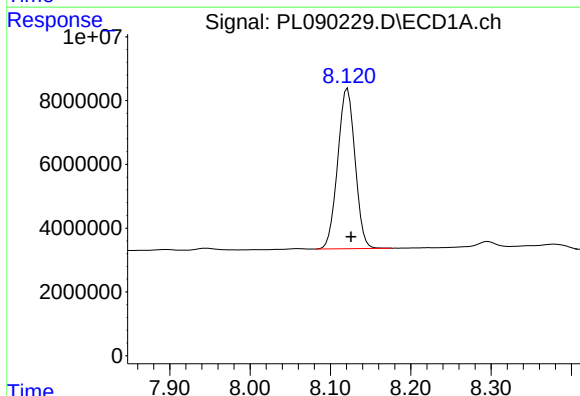
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Supervised By :Ankita Jodhani 06/20/2024



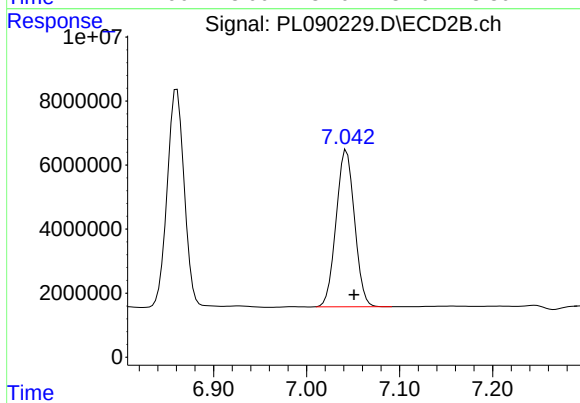
#21 Endrin ketone

R.T.: 6.861 min
Delta R.T.: -0.008 min
Response: 86425809
Conc: 47.43 ng/ml



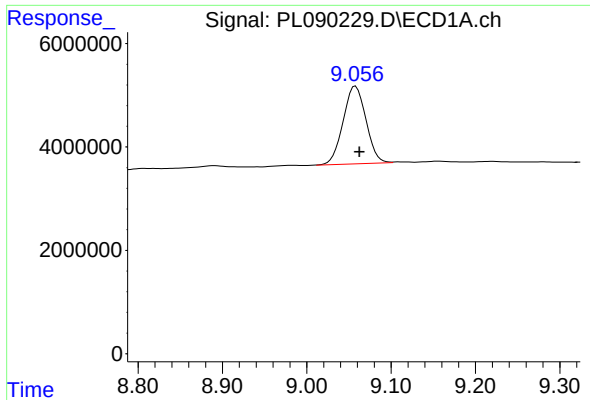
#22 Mirex

R.T.: 8.121 min
Delta R.T.: -0.005 min
Response: 75335964
Conc: 45.28 ng/ml



#22 Mirex

R.T.: 7.043 min
Delta R.T.: -0.008 min
Response: 67331654
Conc: 43.84 ng/ml



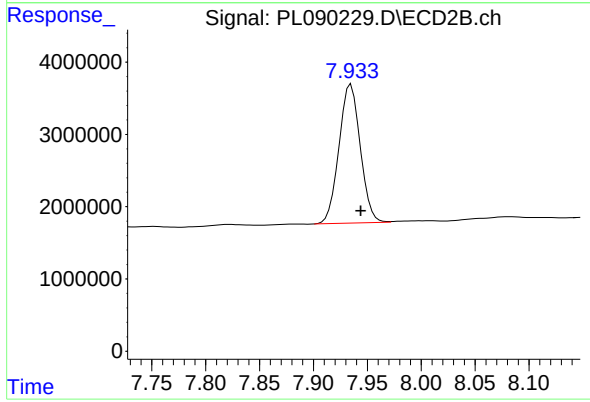
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.005 min
Response: 28247648
Conc: 19.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161580BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/20/2024
Supervised By :Ankita Jodhani 06/20/2024



#28 Decachlorobiphenyl

R.T.: 7.935 min
Delta R.T.: -0.009 min
Response: 26388655
Conc: 17.76 ng/ml