

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091324\
 Data File : PL091723.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Sep 2024 14:11
 Operator : AR\AJ
 Sample : P3932-03MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 FM1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/15/2024
 Supervised By :Ankita Jodhani 09/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 14 03:40:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 19:26:36 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...	3.544	2.784	29736260	38516937	19.079	20.594
28)	SA Decachlor...	9.059	7.924	19211527	29144457	15.808	15.783
Target Compounds							
2)	A alpha-BHC	4.000	3.287	130.5E6	173.6E6	60.417	65.280
3)	MA gamma-BHC...	4.329	3.616	205.4E6	173.4E6	99.939m	70.507m#
4)	MA Heptachlor	4.921	3.956	114.1E6	152.7E6	60.906	63.420
5)	MB Aldrin	5.263	4.236	110.6E6	140.5E6	59.393	61.571
6)	B beta-BHC	4.529	3.916	53817450	67414272	59.139	61.708
7)	B delta-BHC	4.776	4.145	114.9E6	153.7E6	59.823	66.788
8)	B Heptachlo...	5.689	4.738	101.4E6	131.4E6	60.770	62.362m
9)	A Endosulfan I	6.075	5.109	92690682	125.5E6	59.489	65.028
10)	B gamma-Chl...	5.945	4.987	100.9E6	146.1E6	60.400	66.256m
11)	B alpha-Chl...	6.024	5.053	103.6E6	140.6E6	64.246	67.977
12)	B 4,4'-DDE	6.197	5.242	88786388	124.0E6	60.869	65.355
13)	MA Dieldrin	6.350	5.373	98293087	132.0E6	60.238	64.238
14)	MA Endrin	6.577	5.649	79185584	115.8E6	59.552m	61.363
15)	B Endosulfa...	6.798	5.943	89531937	115.9E6	57.762	65.518
16)	A 4,4'-DDD	6.714	5.796	78651705	107.8E6	62.050	64.344
17)	MA 4,4'-DDT	7.028	6.047	76537176	98664537	58.347	61.405
18)	B Endrin al...	6.927	6.123	67377147	86218992	56.709m	63.070
19)	B Endosulfa...	7.163	6.345	81055523	107.8E6	58.046	62.838
20)	A Methoxychlor	7.503	6.622	38974903	52190802	57.615	58.922
21)	B Endrin ke...	7.647	6.851	91492858	126.5E6	59.168	62.884
22)	Mirex	8.121	7.032	68490623	98157536	57.198	55.355

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091324\
Data File : PL091723.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Sep 2024 14:11
Operator : AR\AJ
Sample : P3932-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

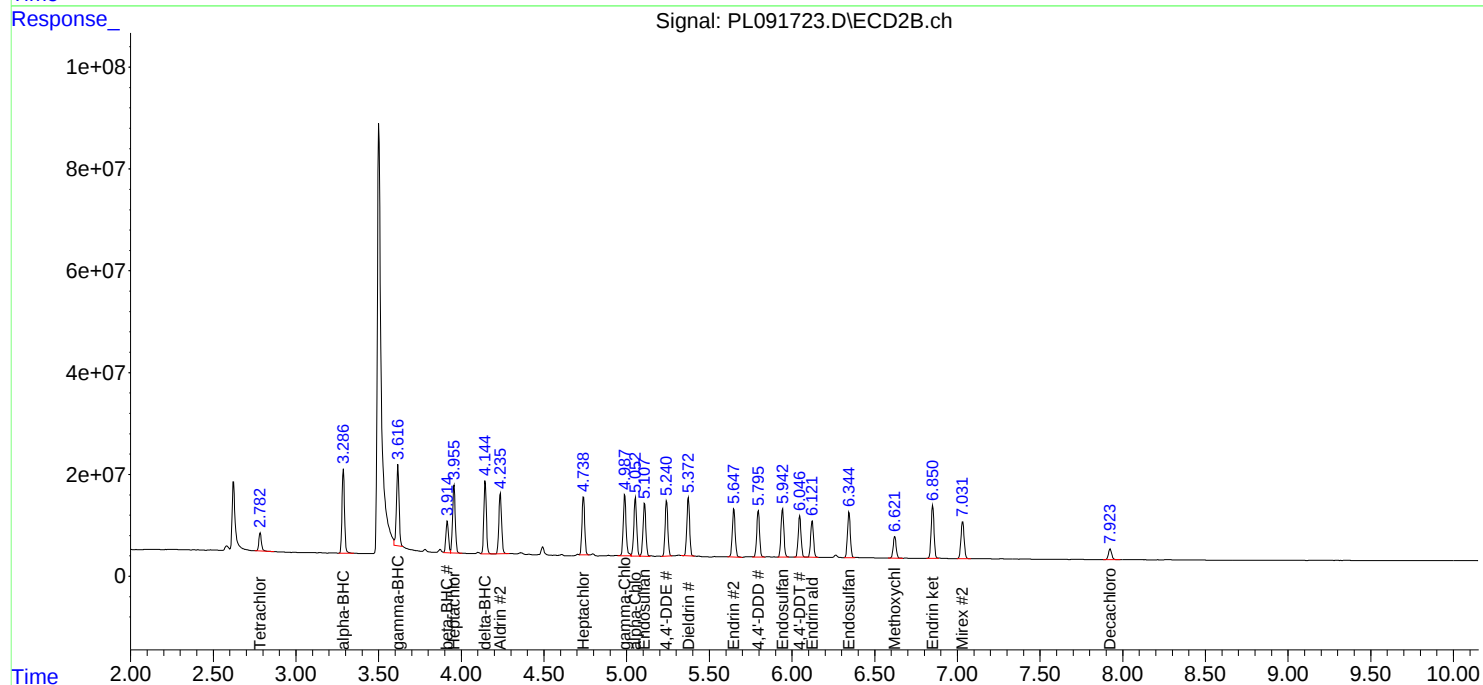
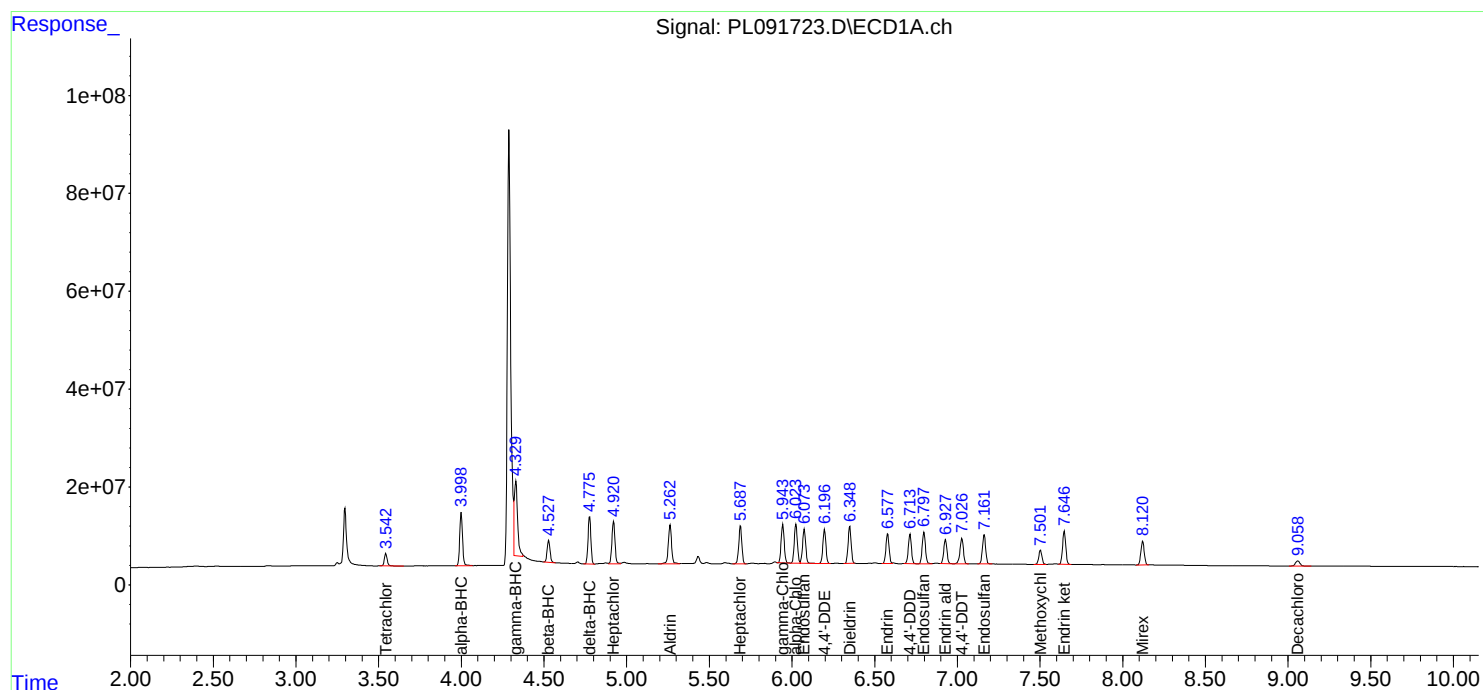
Instrument :
ECD_L
ClientSampleId :
FM1MS

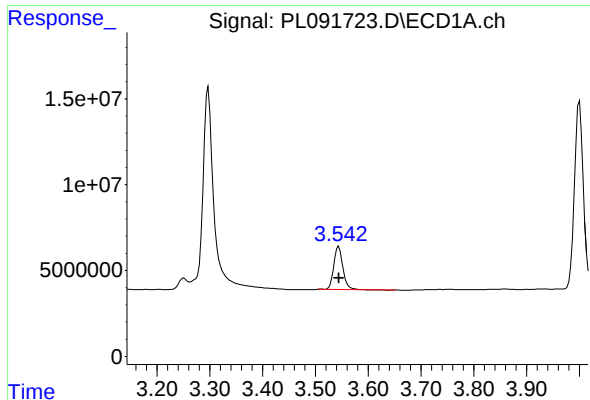
Manual Integrations
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Supervised By :Ankita Jodhani 09/16/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 14 03:40:45 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090924.M
Quant Title : GC Extractables
QLast Update : Mon Sep 09 19:26:36 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





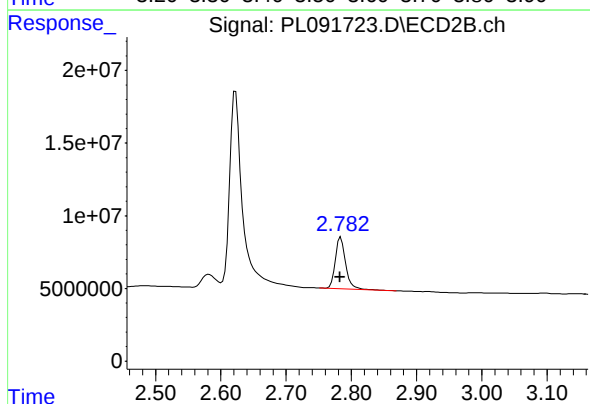
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 29736260
Conc: 19.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MS

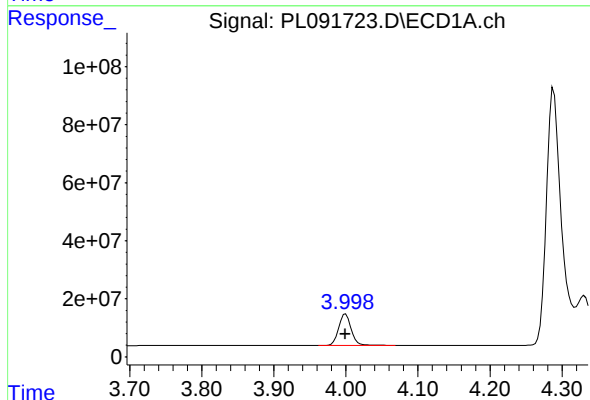
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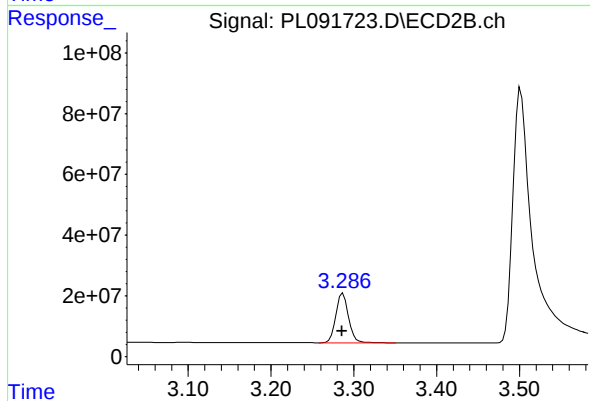
#1 Tetrachloro-m-xylene

R.T.: 2.784 min
Delta R.T.: 0.001 min
Response: 38516937
Conc: 20.59 ng/ml



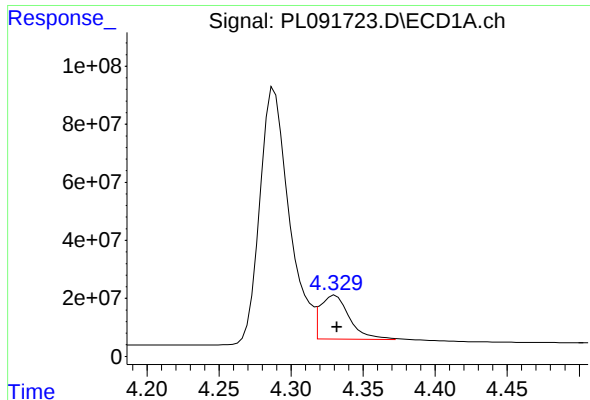
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 130495736
Conc: 60.42 ng/ml



#2 alpha-BHC

R.T.: 3.287 min
Delta R.T.: 0.000 min
Response: 173615692
Conc: 65.28 ng/ml



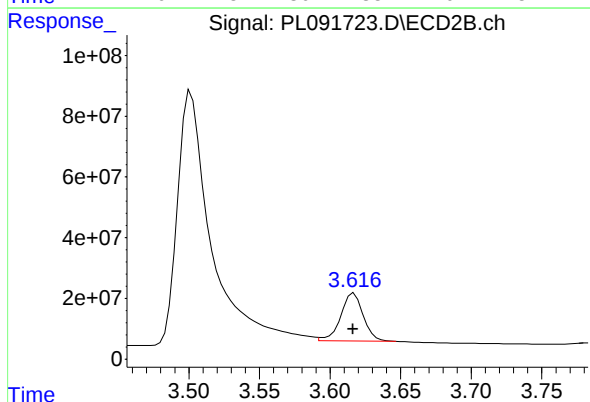
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: -0.002 min
Response: 205444502
Conc: 99.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MS

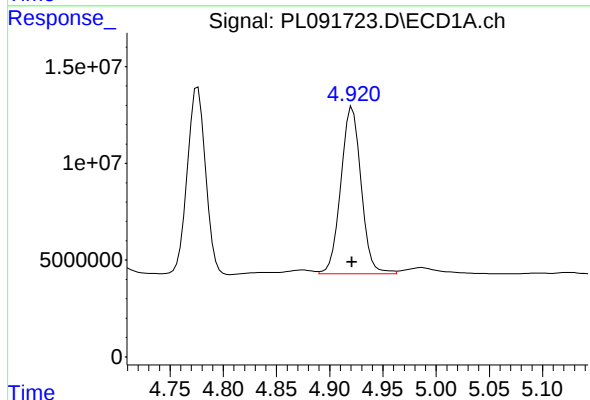
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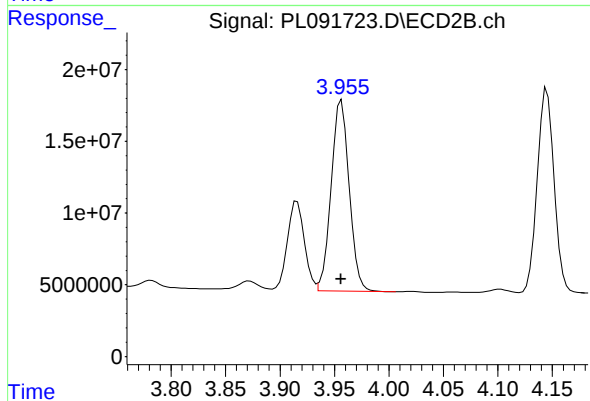
#3 gamma-BHC (Lindane)

R.T.: 3.616 min
Delta R.T.: 0.000 min
Response: 173408493
Conc: 70.51 ng/ml m



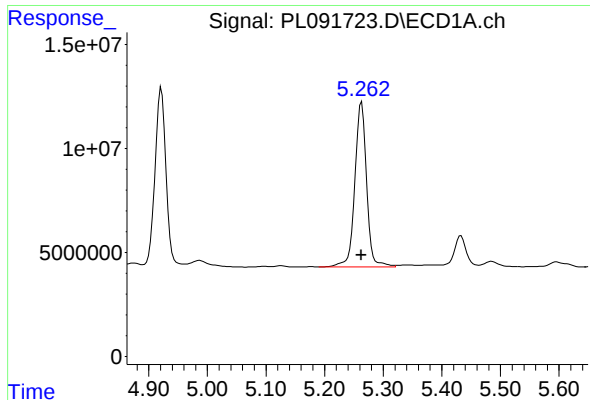
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 114078441
Conc: 60.91 ng/ml



#4 Heptachlor

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 152736521
Conc: 63.42 ng/ml



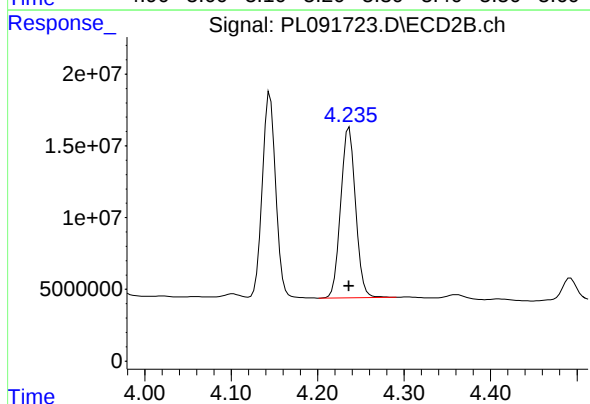
#5 Aldrin

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 110624823
Conc: 59.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MS

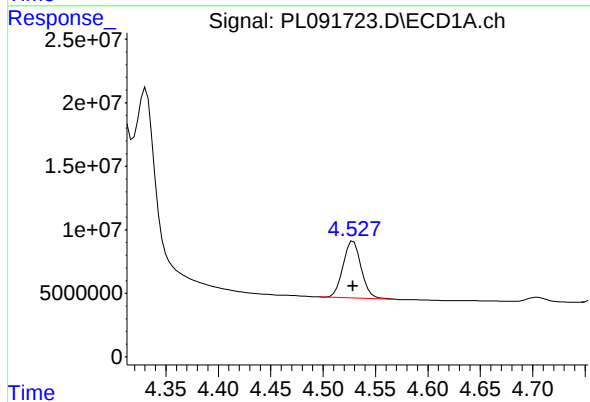
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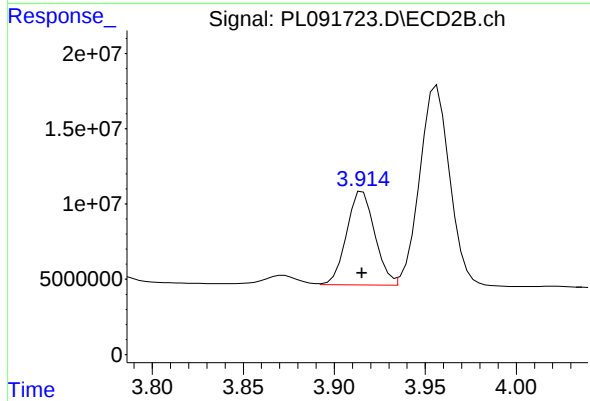
#5 Aldrin

R.T.: 4.236 min
Delta R.T.: 0.000 min
Response: 140475184
Conc: 61.57 ng/ml



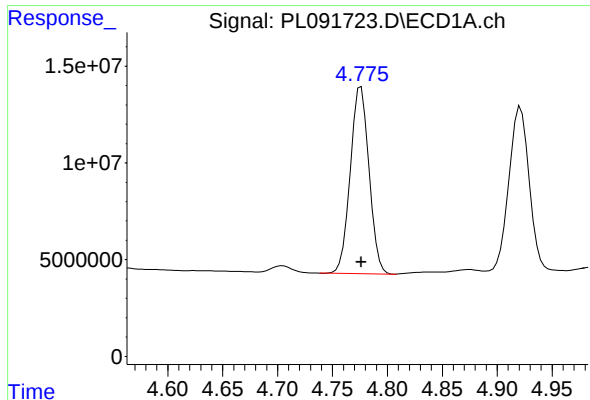
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 53817450
Conc: 59.14 ng/ml



#6 beta-BHC

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 67414272
Conc: 61.71 ng/ml



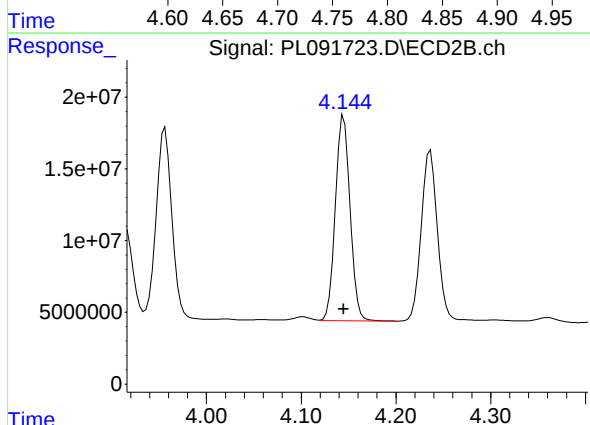
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 114929378
Conc: 59.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MS

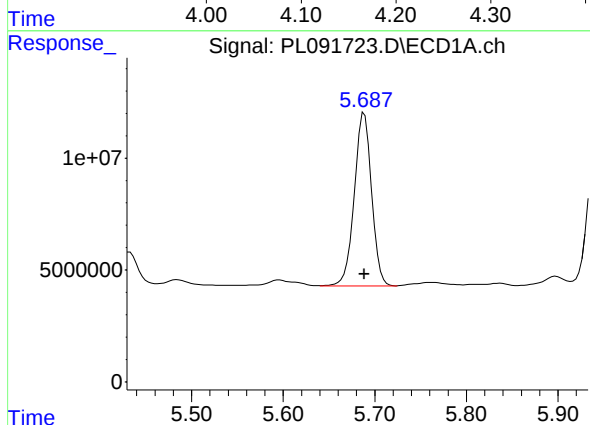
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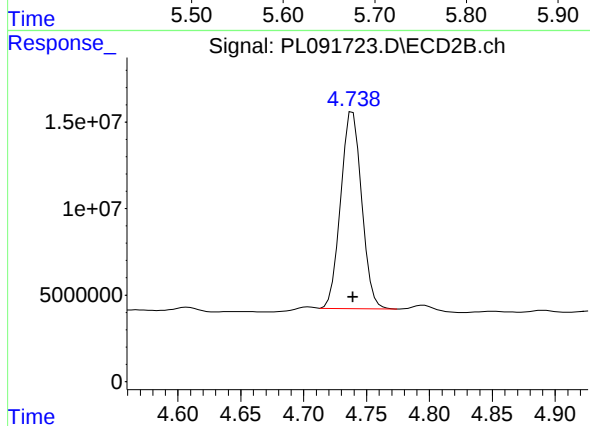
#7 delta-BHC

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 153662159
Conc: 66.79 ng/ml



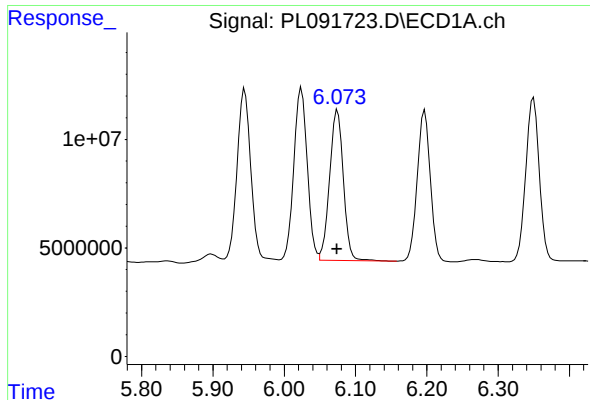
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 101408821
Conc: 60.77 ng/ml



#8 Heptachlor epoxide

R.T.: 4.738 min
Delta R.T.: -0.001 min
Response: 131442313
Conc: 62.36 ng/ml m



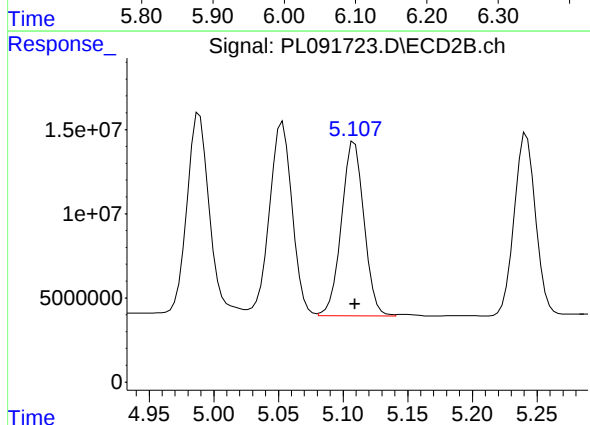
#9 Endosulfan I

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 92690682
Conc: 59.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MS

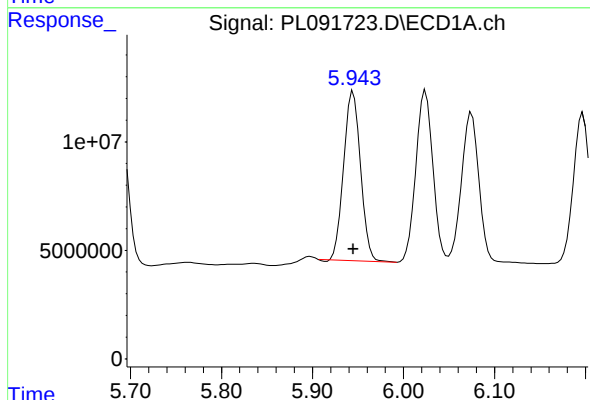
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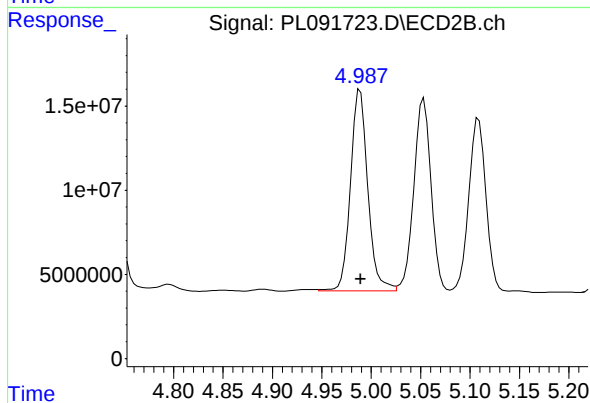
#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 125460646
Conc: 65.03 ng/ml



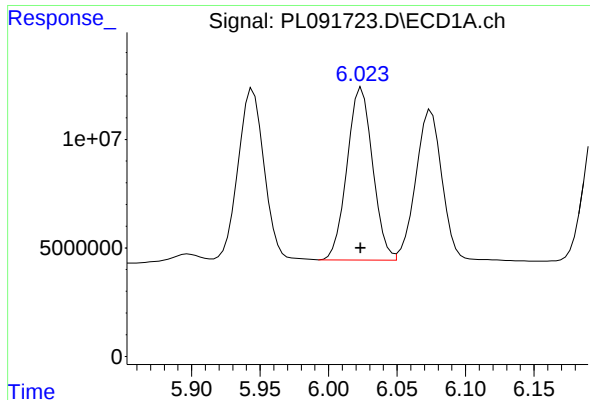
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 100914078
Conc: 60.40 ng/ml



#10 gamma-Chlordane

R.T.: 4.987 min
Delta R.T.: -0.002 min
Response: 146138994
Conc: 66.26 ng/ml m



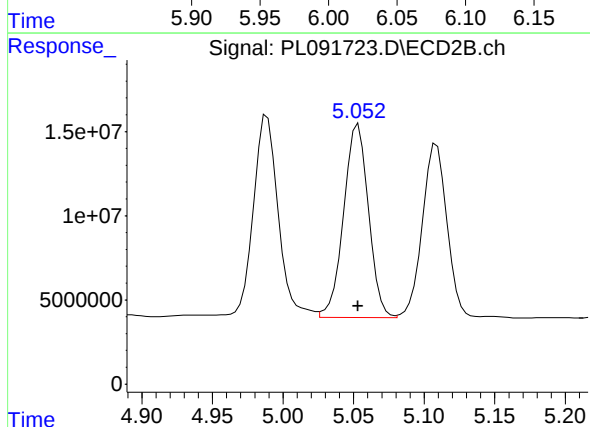
#11 alpha-Chlordane

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 103553415
Conc: 64.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MS

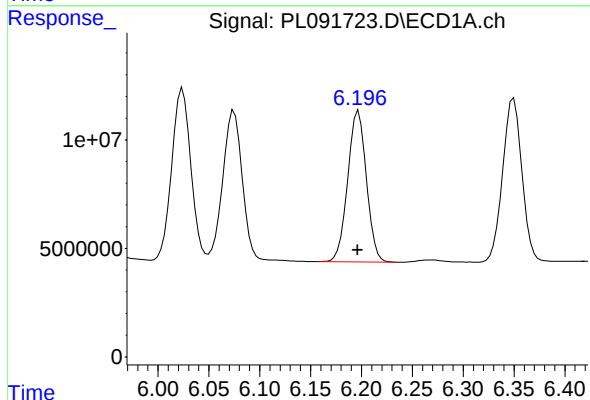
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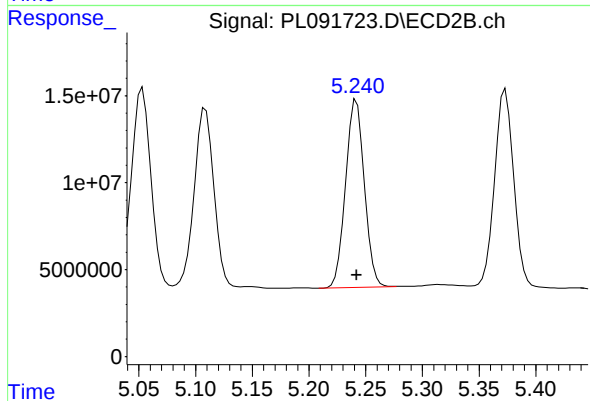
#11 alpha-Chlordane

R.T.: 5.053 min
Delta R.T.: 0.000 min
Response: 140644440
Conc: 67.98 ng/ml



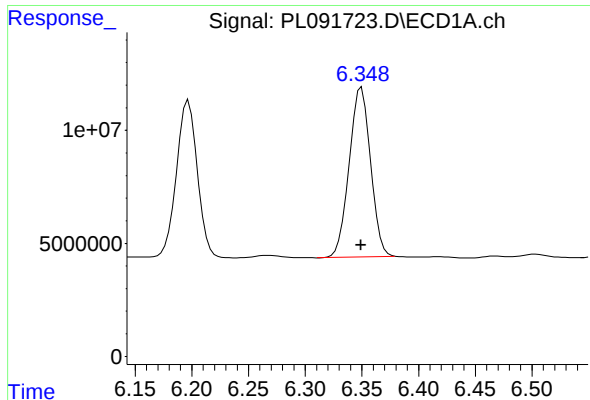
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 88786388
Conc: 60.87 ng/ml



#12 4,4'-DDE

R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 123958915
Conc: 65.35 ng/ml



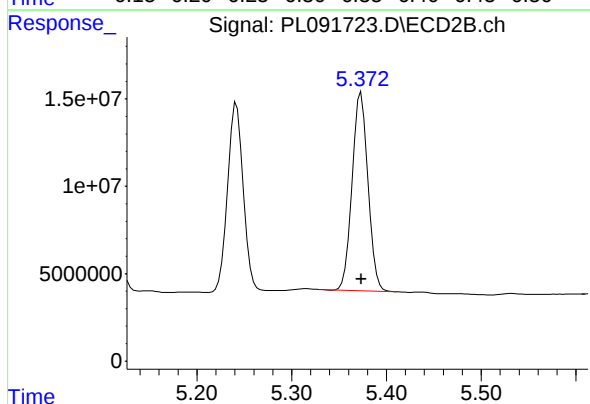
#13 Dieldrin

R.T.: 6.350 min
Delta R.T.: 0.000 min
Response: 98293087
Conc: 60.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MS

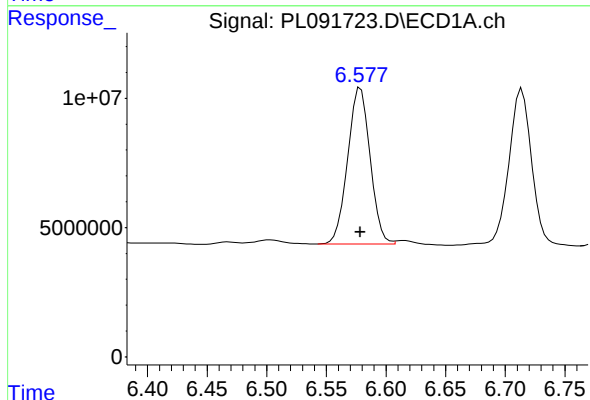
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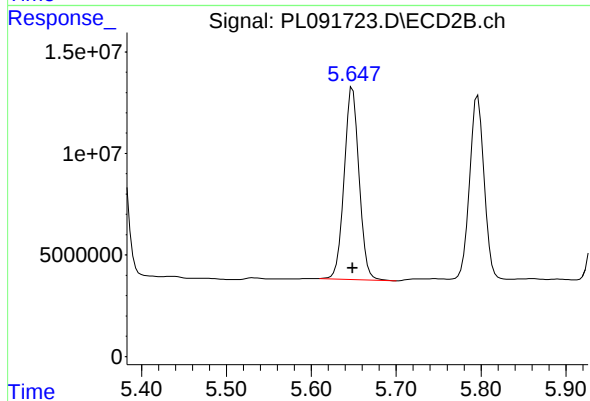
#13 Dieldrin

R.T.: 5.373 min
Delta R.T.: 0.000 min
Response: 132037132
Conc: 64.24 ng/ml



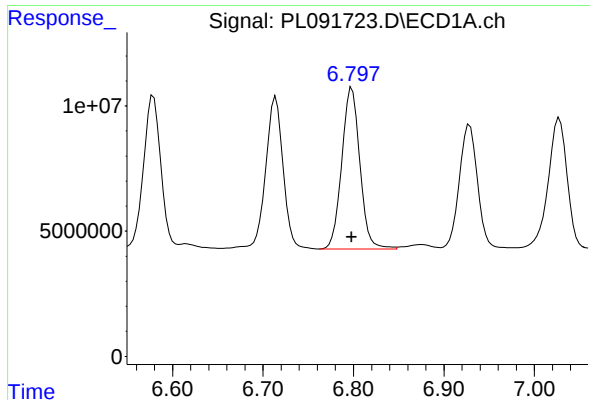
#14 Endrin

R.T.: 6.577 min
Delta R.T.: -0.001 min
Response: 79185584
Conc: 59.55 ng/ml m



#14 Endrin

R.T.: 5.649 min
Delta R.T.: 0.000 min
Response: 115803926
Conc: 61.36 ng/ml



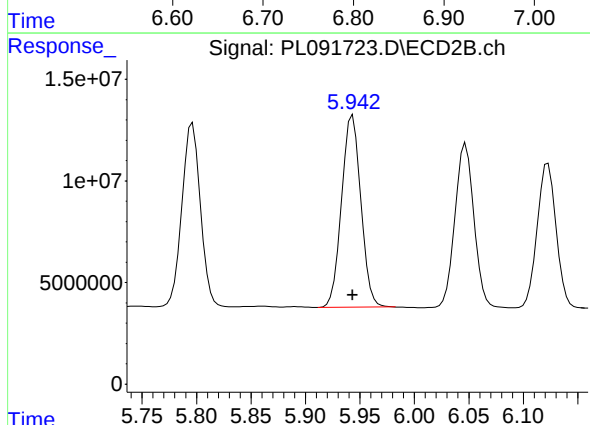
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 89531937
Conc: 57.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MS

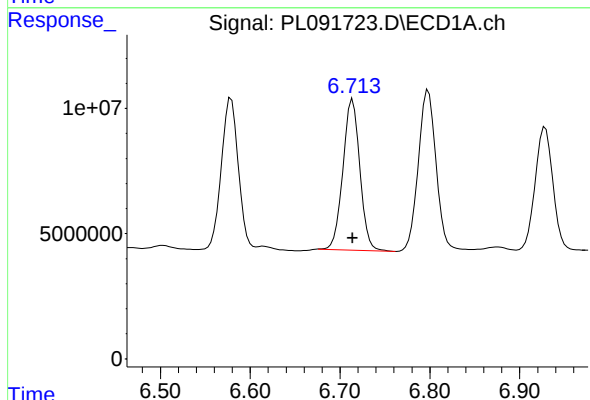
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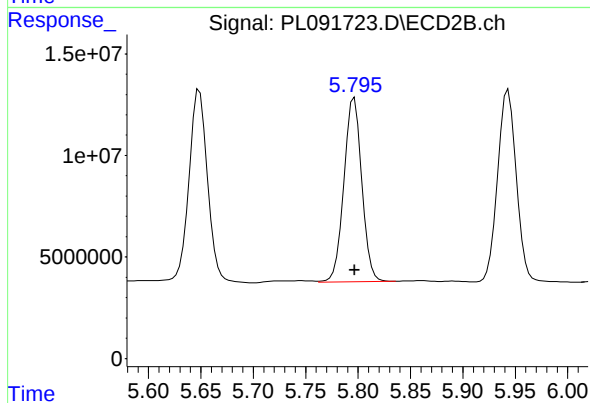
#15 Endosulfan II

R.T.: 5.943 min
Delta R.T.: 0.000 min
Response: 115895568
Conc: 65.52 ng/ml



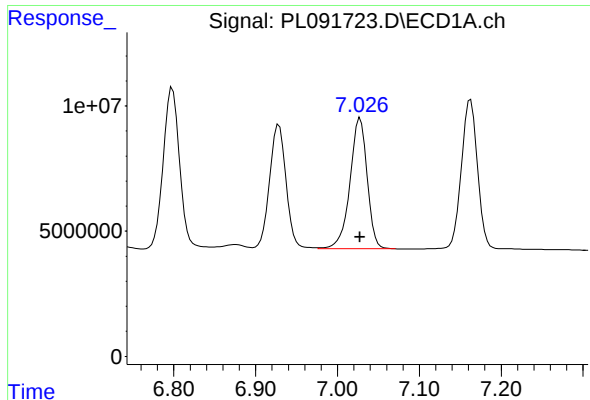
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.000 min
Response: 78651705
Conc: 62.05 ng/ml



#16 4,4'-DDD

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 107825148
Conc: 64.34 ng/ml



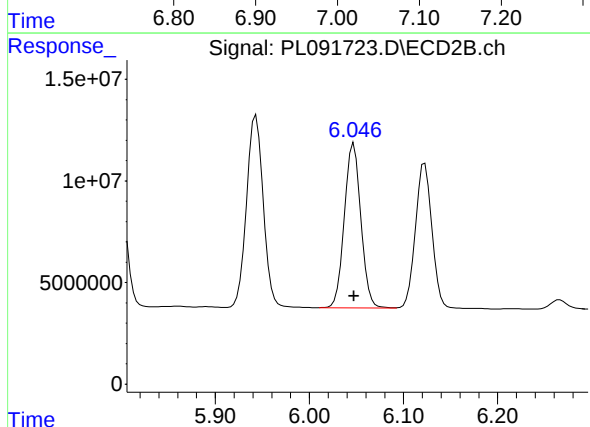
#17 4,4'-DDT

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 76537176
Conc: 58.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MS

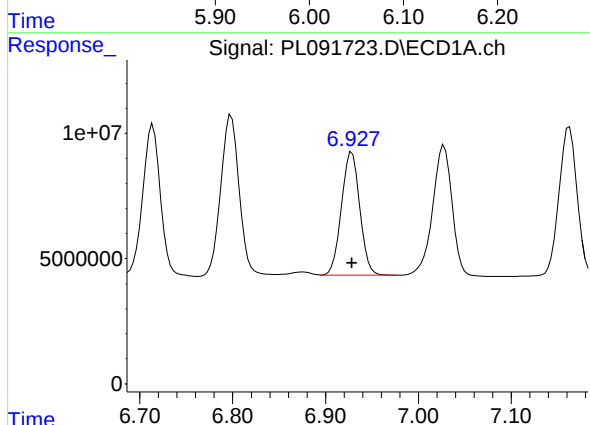
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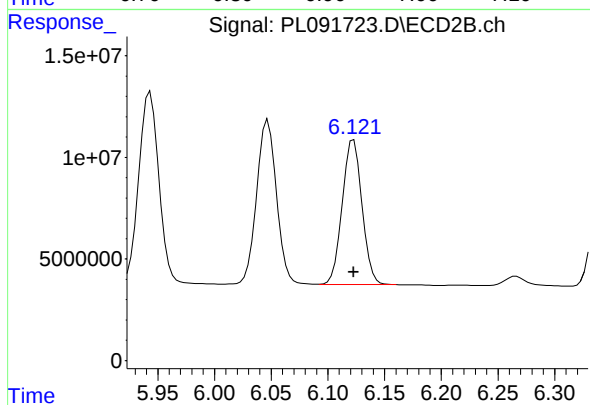
#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 98664537
Conc: 61.40 ng/ml



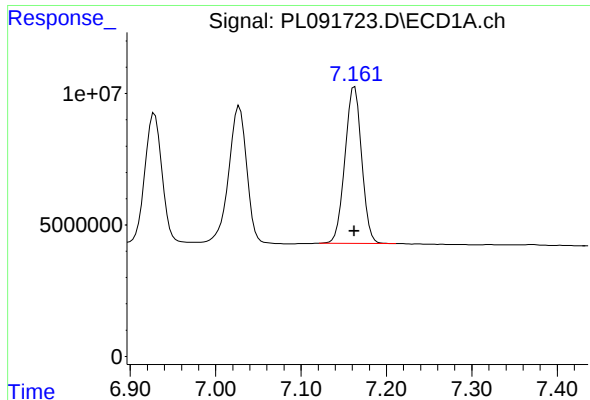
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.002 min
Response: 67377147
Conc: 56.71 ng/ml m



#18 Endrin aldehyde

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 86218992
Conc: 63.07 ng/ml



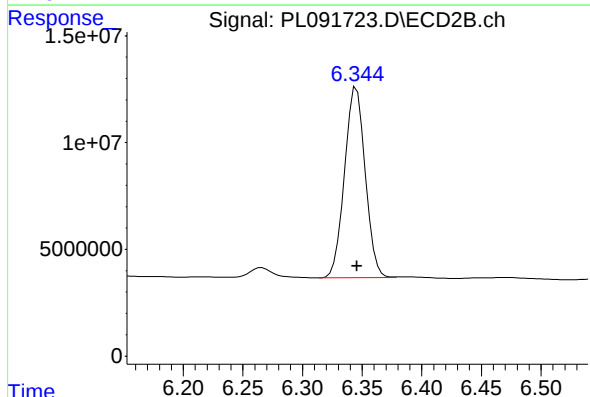
#19 Endosulfan Sulfate

R.T.: 7.163 min
Delta R.T.: 0.000 min
Response: 81055523
Conc: 58.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MS

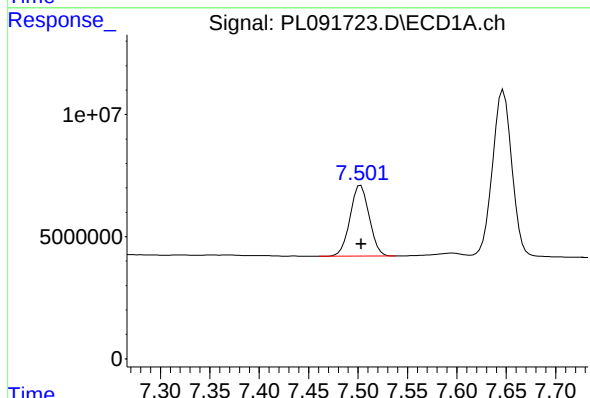
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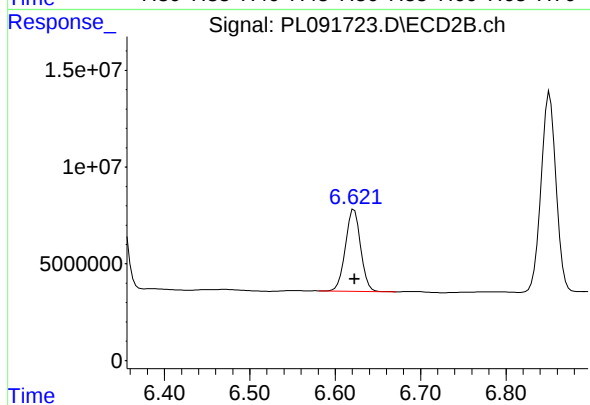
#19 Endosulfan Sulfate

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 107836924
Conc: 62.84 ng/ml



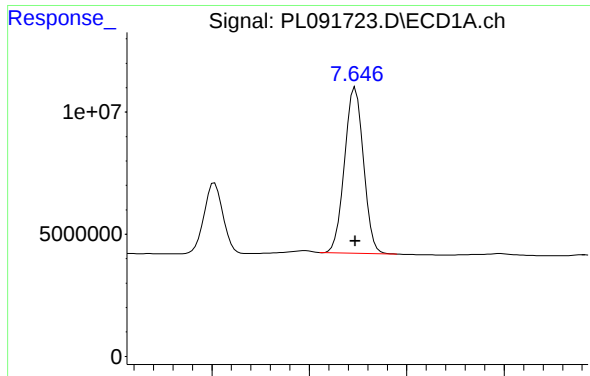
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 38974903
Conc: 57.62 ng/ml



#20 Methoxychlor

R.T.: 6.622 min
Delta R.T.: 0.000 min
Response: 52190802
Conc: 58.92 ng/ml



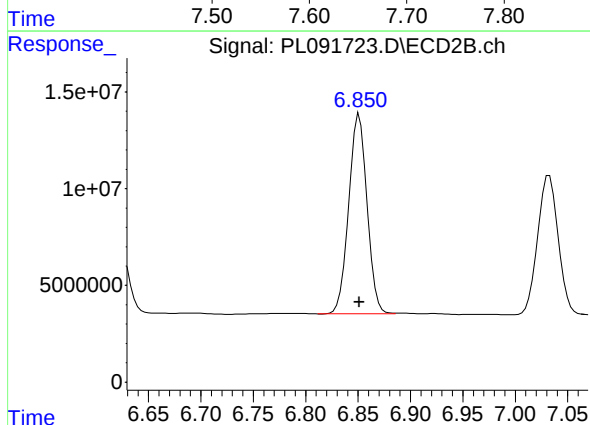
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.000 min
Response: 91492858
Conc: 59.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MS

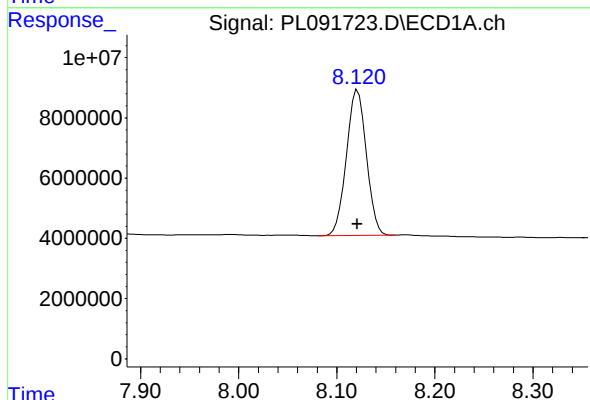
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/15/2024
Supervised By :Ankita Jodhani 09/16/2024



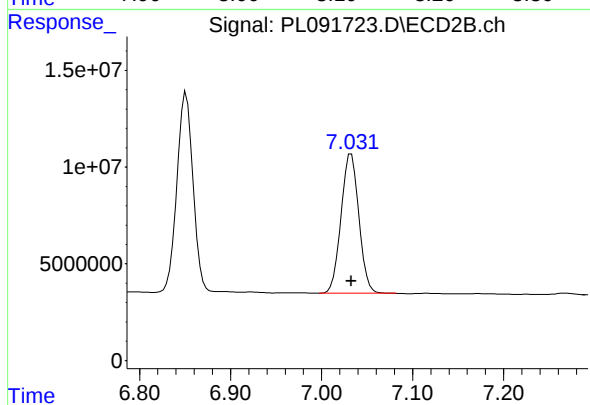
#21 Endrin ketone

R.T.: 6.851 min
Delta R.T.: 0.000 min
Response: 126485319
Conc: 62.88 ng/ml



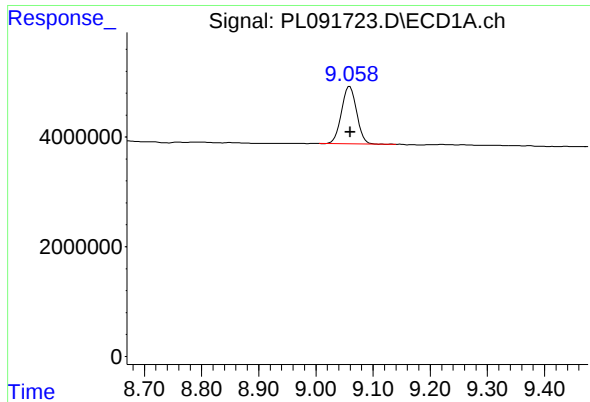
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.000 min
Response: 68490623
Conc: 57.20 ng/ml



#22 Mirex

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 98157536
Conc: 55.36 ng/ml



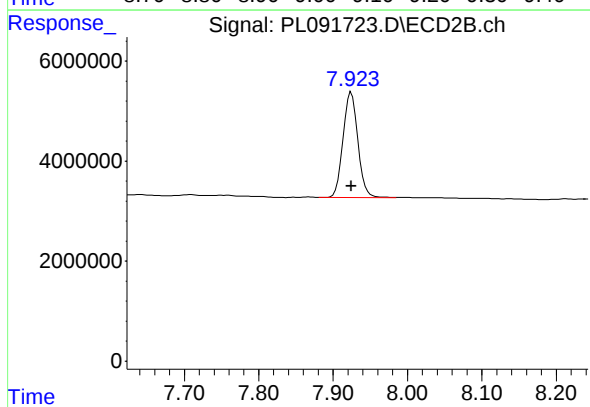
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.001 min
Response: 19211527
Conc: 15.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
FM1MS

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#28 Decachlorobiphenyl

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 29144457
Conc: 15.78 ng/ml