

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110724\
 Data File : PL092898.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2024 14:06
 Operator : AR\AJ
 Sample : PB164749BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB164749BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/08/2024
 Supervised By :Ankita Jodhani 11/08/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 23:49:35 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 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...	3.542	2.778	44578407	46075760	18.194	16.932
28)	SA Decachlor...	9.058	7.917	37068491	52134507	19.261	19.102
Target Compounds							
2)	A alpha-BHC	3.998	3.281	159.1E6	193.2E6	46.920	48.430
3)	MA gamma-BHC...	4.329	3.610	151.2E6	185.8E6	46.399m	48.133
4)	MA Heptachlor	4.920	3.950	145.1E6	193.0E6	48.302	51.139
5)	MB Aldrin	5.261	4.230	137.7E6	178.5E6	45.872	48.772
6)	B beta-BHC	4.528	3.911	69464592	82715732	48.057	50.245
7)	B delta-BHC	4.776	4.140	133.8E6	165.2E6	42.760	42.991
8)	B Heptachlo...	5.687	4.733	128.6E6	167.7E6	46.557	50.198
9)	A Endosulfan I	6.073	5.103	119.6E6	157.0E6	47.819	51.435
10)	B gamma-Chl...	5.943	4.983	128.3E6	173.2E6	48.229	51.517
11)	B alpha-Chl...	6.022	5.046	127.7E6	170.8E6	48.241	51.366
12)	B 4,4'-DDE	6.195	5.236	115.8E6	166.7E6	48.886	51.745
13)	MA Dieldrin	6.347	5.367	126.6E6	172.5E6	48.029	51.656
14)	MA Endrin	6.576	5.642	108.9E6	154.5E6	47.814m	53.419
15)	B Endosulfa...	6.798	5.937	113.0E6	150.4E6	47.413	53.096
16)	A 4,4'-DDD	6.713	5.790	95496882	132.0E6	49.750	53.009
17)	MA 4,4'-DDT	7.027	6.041	103.8E6	142.4E6	50.130	53.077
18)	B Endrin al...	6.927	6.116	88645851	115.8E6	47.203	50.181
19)	B Endosulfa...	7.162	6.339	102.6E6	138.5E6	47.263	51.365
20)	A Methoxychlor	7.503	6.616	55732493	73429800	48.888	51.420
21)	B Endrin ke...	7.647	6.845	114.8E6	159.2E6	47.380	51.888
22)	Mirex	8.120	7.025	82282745	114.2E6	41.521	43.757

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110724\
Data File : PL092898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2024 14:06
Operator : AR\AJ
Sample : PB164749BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB164749BS

Manual Integrations

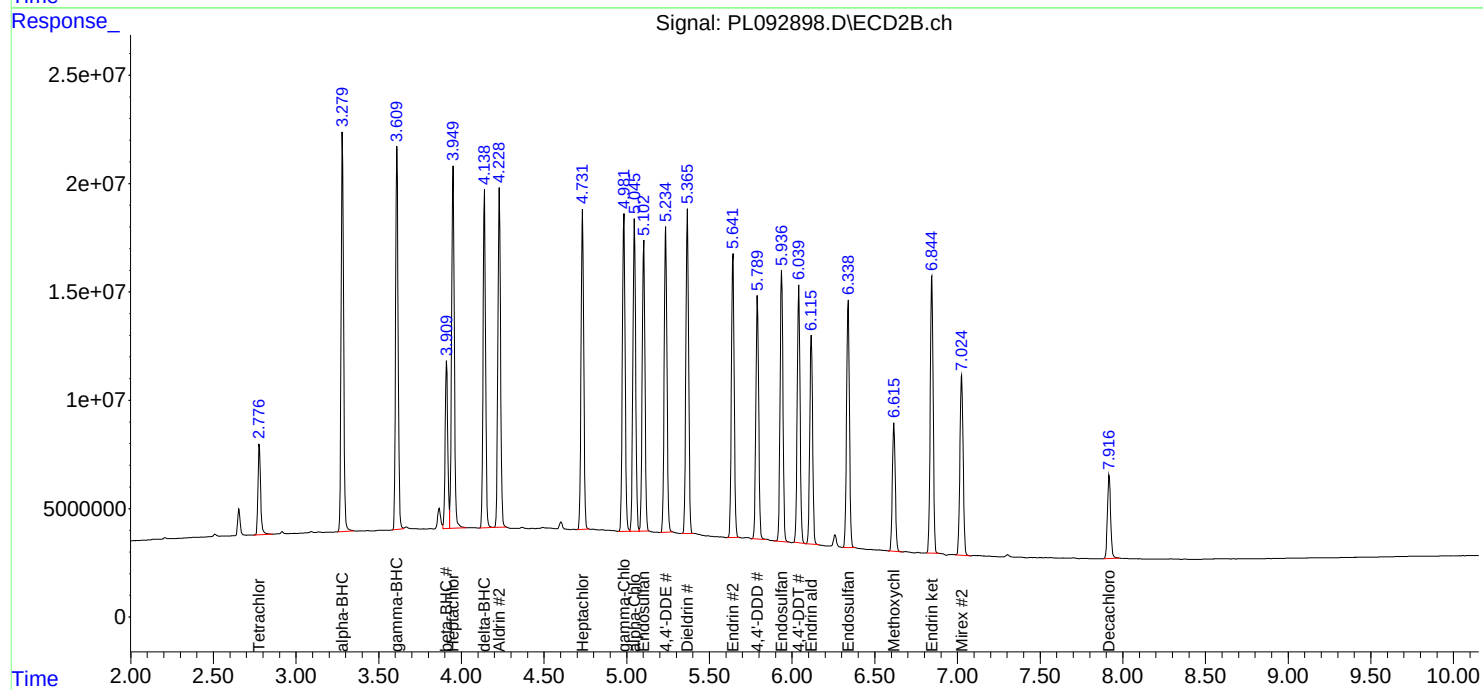
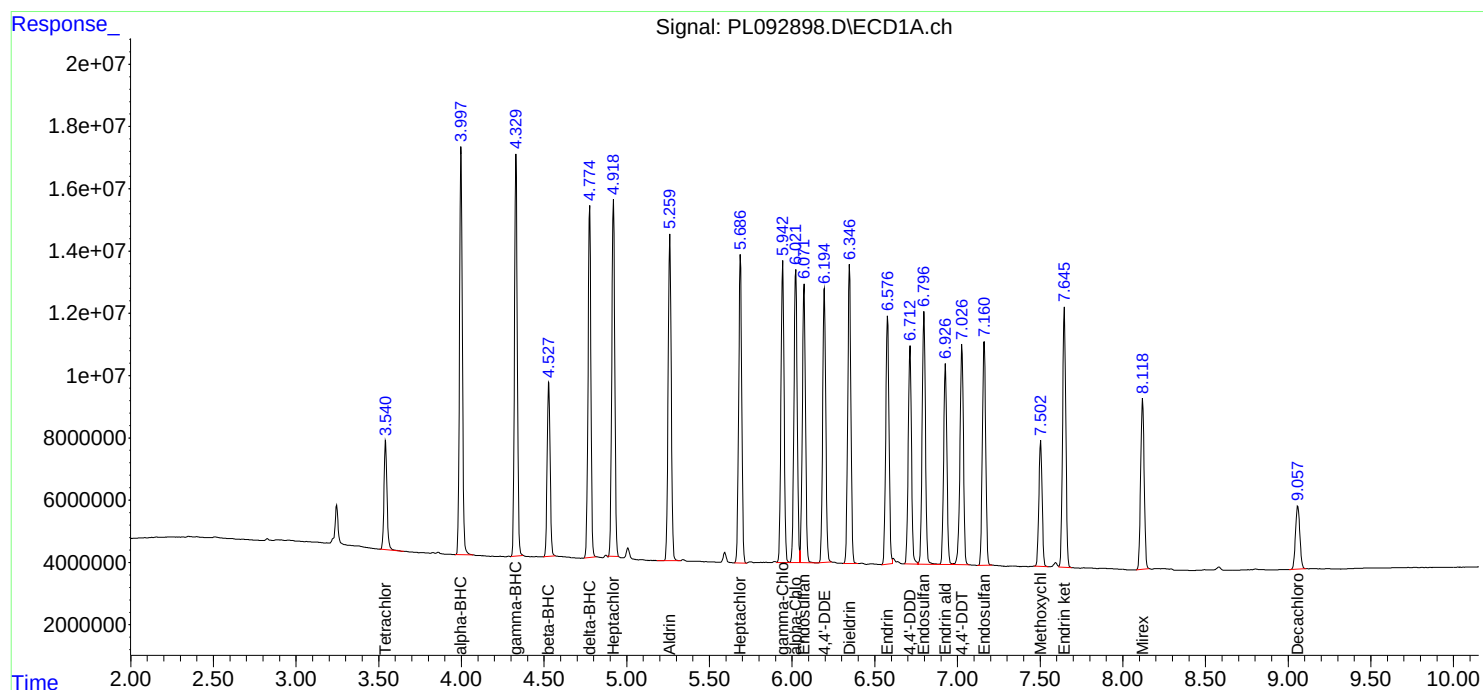
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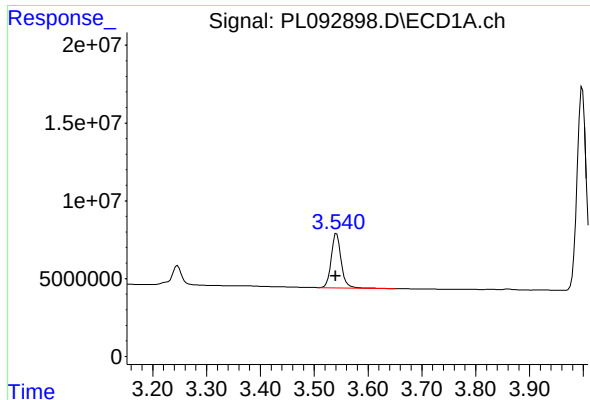
Reviewed By :Abdul Mirza 11/08/2024

Supervised By :Ankita Jodhani 11/08/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 23:49:35 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 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





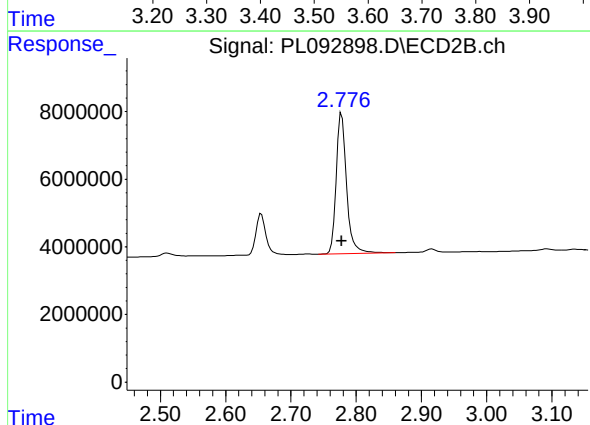
#1 Tetrachloro-m-xylene

R.T.: 3.542 min
Delta R.T.: 0.002 min
Response: 44578407
Conc: 18.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164749BS

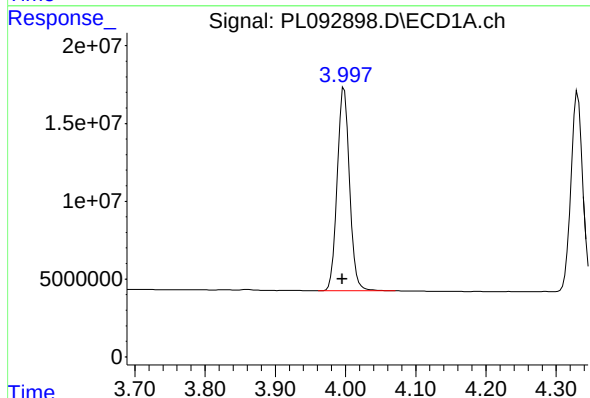
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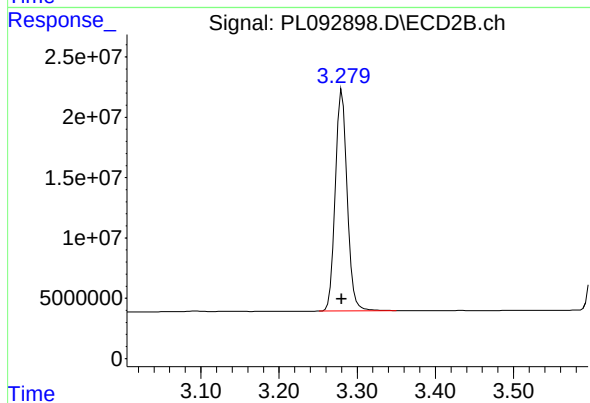
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 46075760
Conc: 16.93 ng/ml



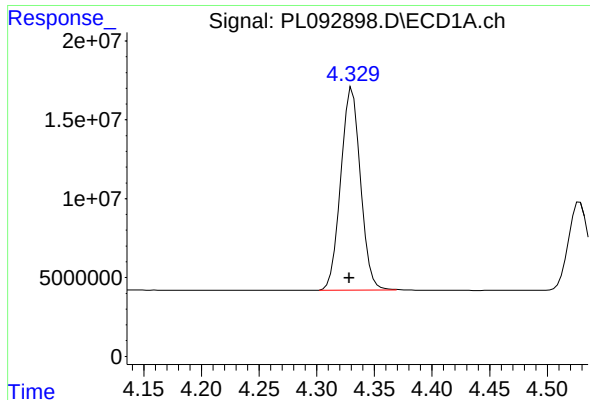
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.002 min
Response: 159133999
Conc: 46.92 ng/ml



#2 alpha-BHC

R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 193242023
Conc: 48.43 ng/ml



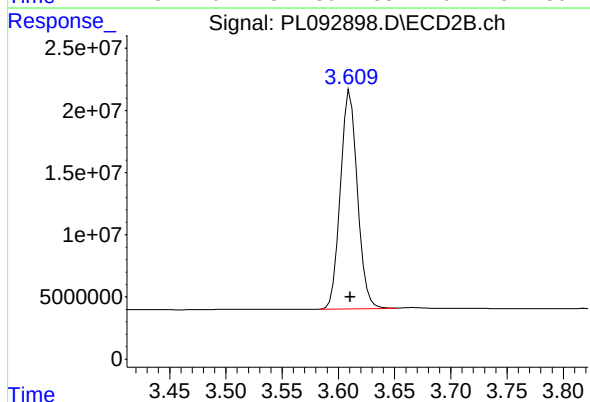
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.001 min
Response: 151241760
Conc: 46.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164749BS

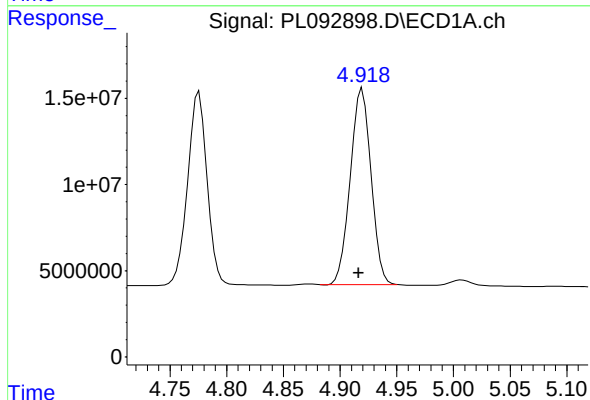
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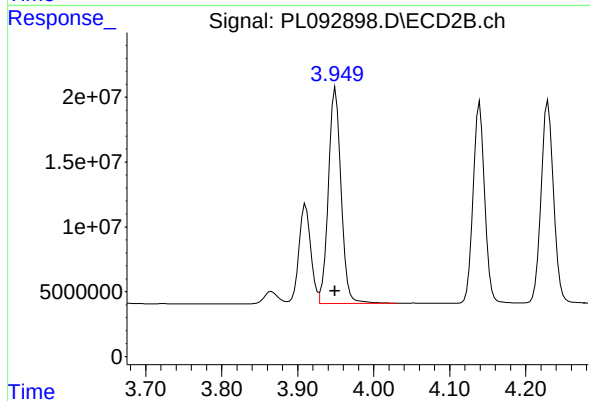
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: 0.000 min
Response: 185765166
Conc: 48.13 ng/ml



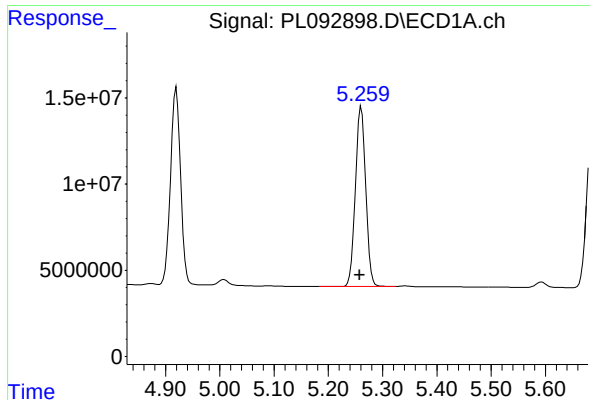
#4 Heptachlor

R.T.: 4.920 min
Delta R.T.: 0.003 min
Response: 145055363
Conc: 48.30 ng/ml



#4 Heptachlor

R.T.: 3.950 min
Delta R.T.: 0.000 min
Response: 192993618
Conc: 51.14 ng/ml



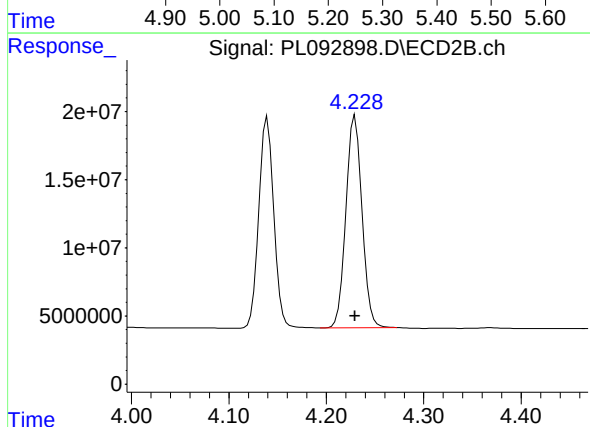
#5 Aldrin

R.T.: 5.261 min
Delta R.T.: 0.003 min
Response: 137682862
Conc: 45.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164749BS

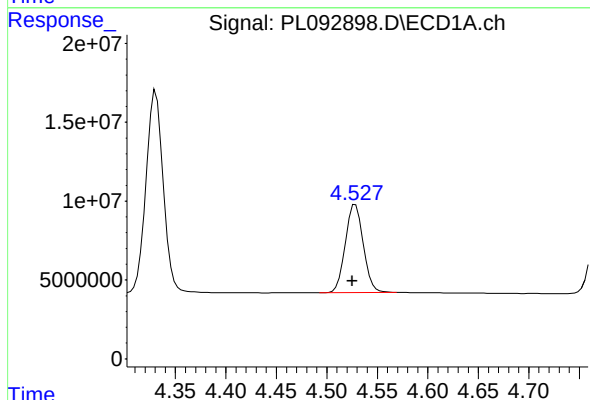
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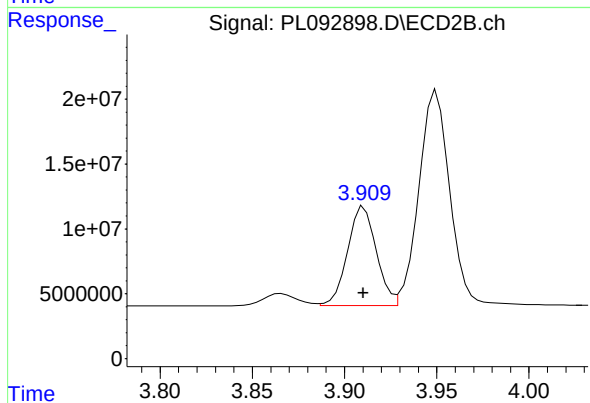
#5 Aldrin

R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 178515439
Conc: 48.77 ng/ml



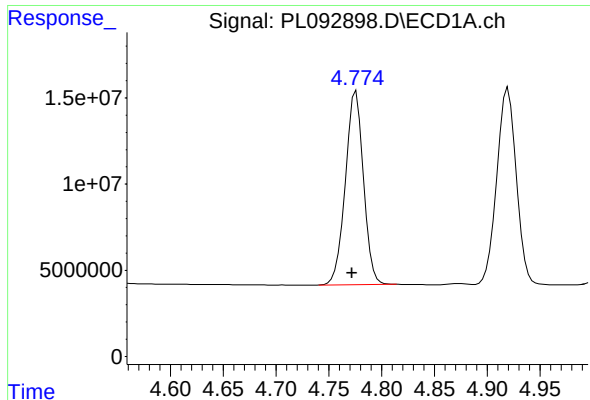
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 69464592
Conc: 48.06 ng/ml



#6 beta-BHC

R.T.: 3.911 min
Delta R.T.: 0.000 min
Response: 82715732
Conc: 50.24 ng/ml



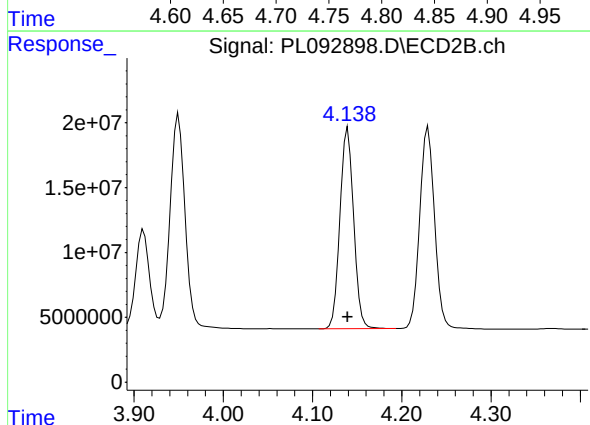
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.004 min
Response: 133833123
Conc: 42.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164749BS

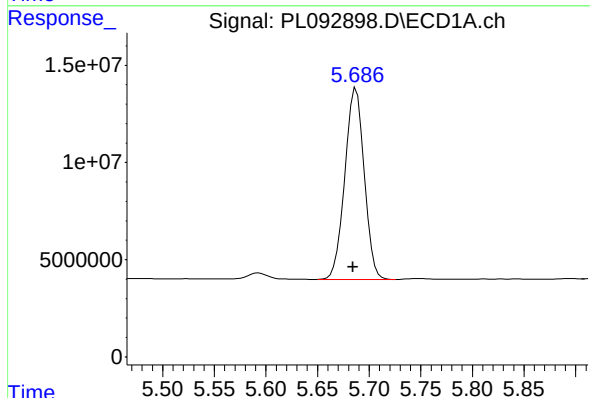
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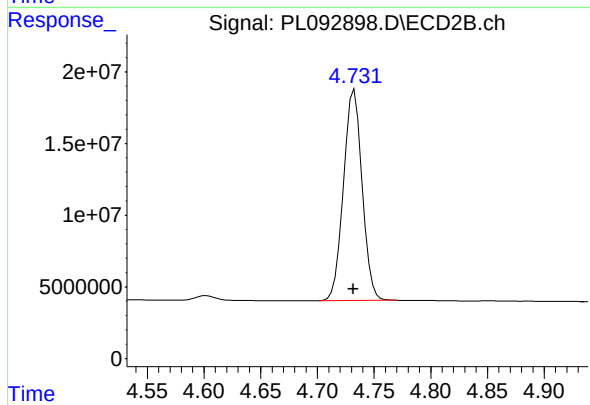
#7 delta-BHC

R.T.: 4.140 min
Delta R.T.: 0.000 min
Response: 165220752
Conc: 42.99 ng/ml



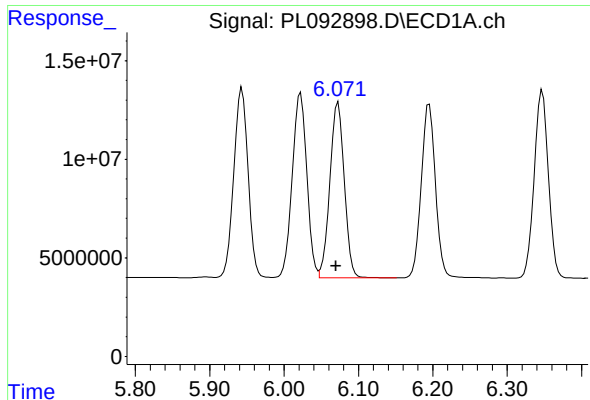
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: 0.003 min
Response: 128561994
Conc: 46.56 ng/ml



#8 Heptachlor epoxide

R.T.: 4.733 min
Delta R.T.: 0.000 min
Response: 167731796
Conc: 50.20 ng/ml



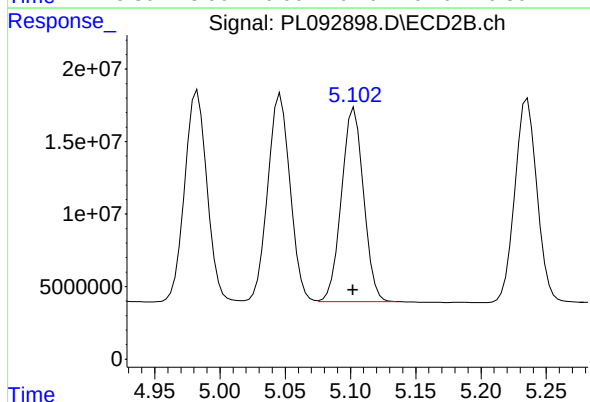
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: 0.003 min
Response: 119613465
Conc: 47.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164749BS

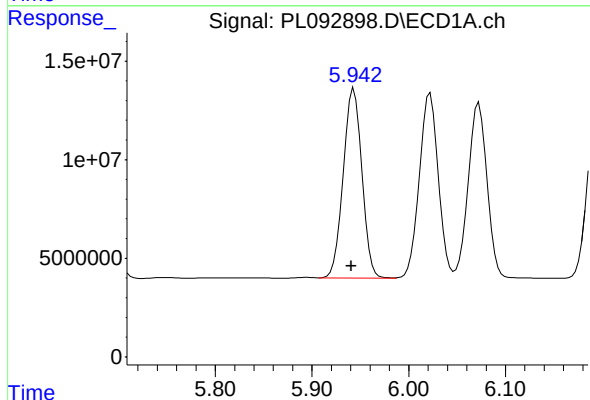
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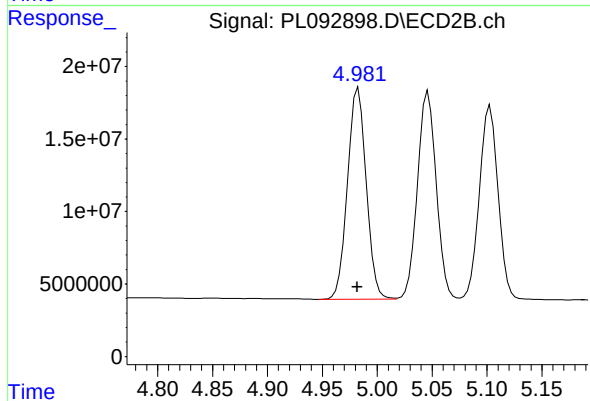
#9 Endosulfan I

R.T.: 5.103 min
Delta R.T.: 0.001 min
Response: 157038144
Conc: 51.43 ng/ml



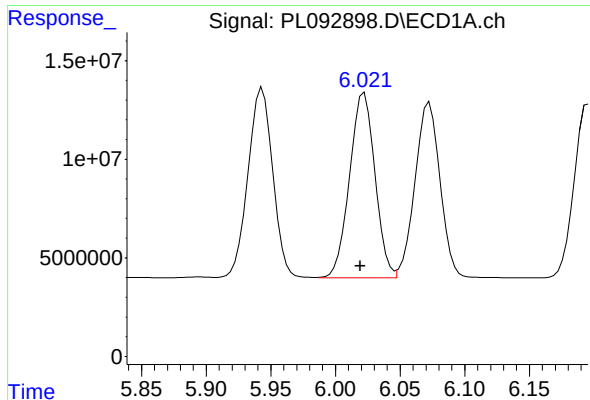
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.003 min
Response: 128319080
Conc: 48.23 ng/ml



#10 gamma-Chlordane

R.T.: 4.983 min
Delta R.T.: 0.000 min
Response: 173185040
Conc: 51.52 ng/ml



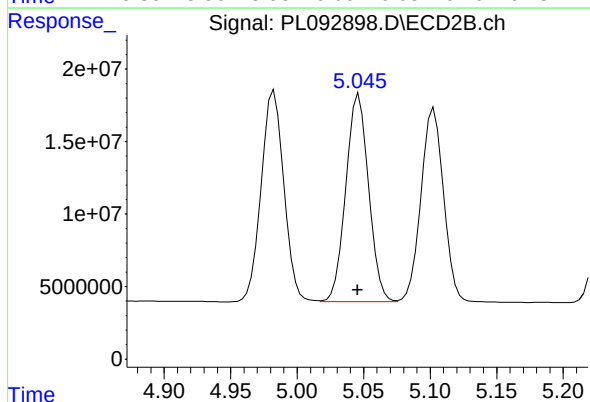
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.003 min
Response: 127748110
Conc: 48.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164749BS

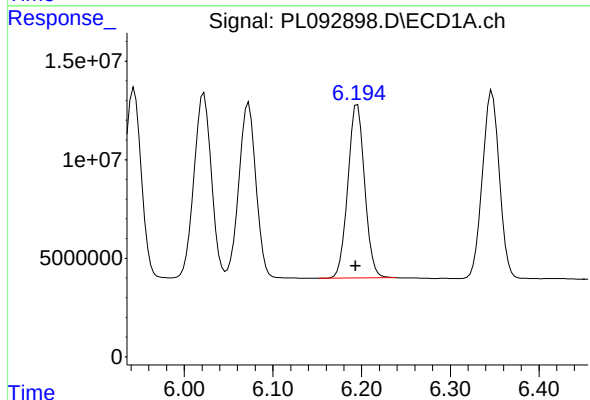
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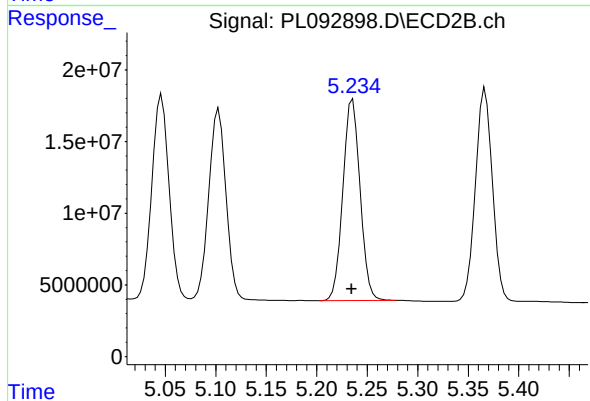
#11 alpha-Chlordane

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 170844473
Conc: 51.37 ng/ml



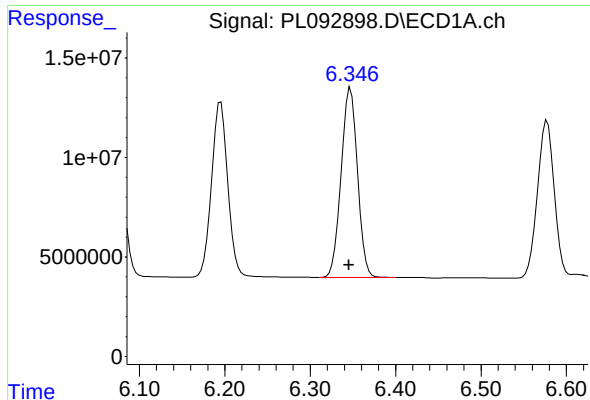
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 115820373
Conc: 48.89 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 166703629
Conc: 51.75 ng/ml



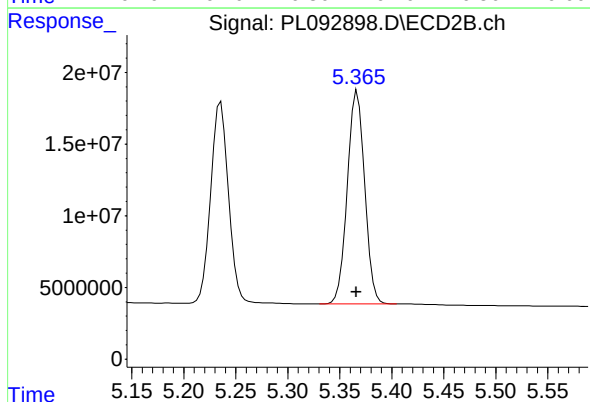
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.002 min
Response: 126579338
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164749BS

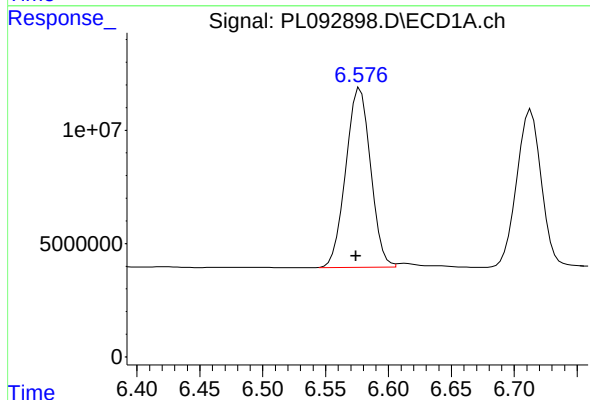
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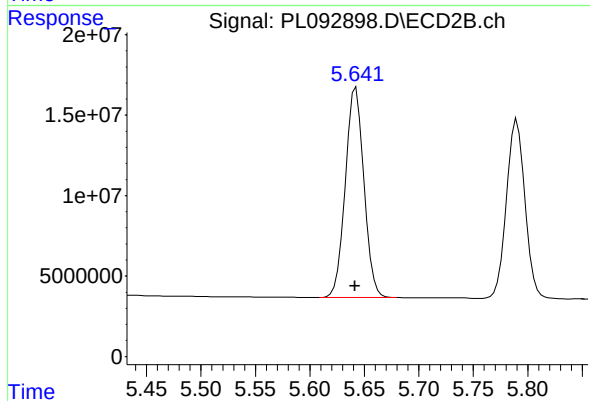
#13 Dieldrin

R.T.: 5.367 min
Delta R.T.: 0.001 min
Response: 172545416
Conc: 51.66 ng/ml



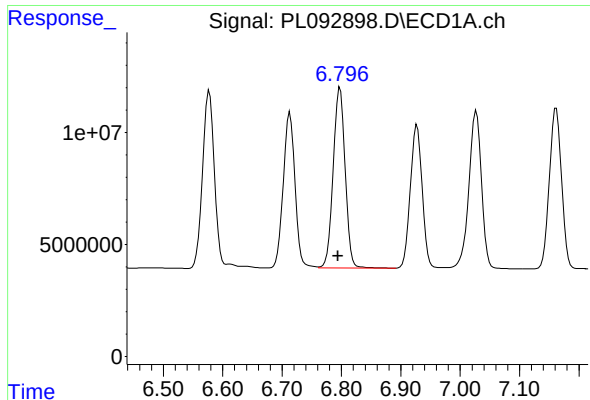
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.002 min
Response: 108856961
Conc: 47.81 ng/ml m



#14 Endrin

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 154540761
Conc: 53.42 ng/ml



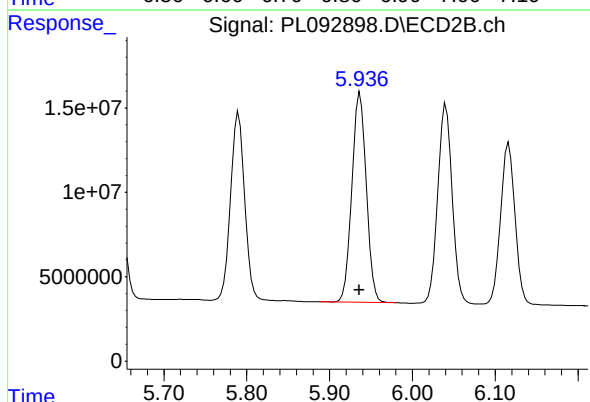
#15 Endosulfan II

R.T.: 6.798 min
Delta R.T.: 0.004 min
Response: 113024981
Conc: 47.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164749BS

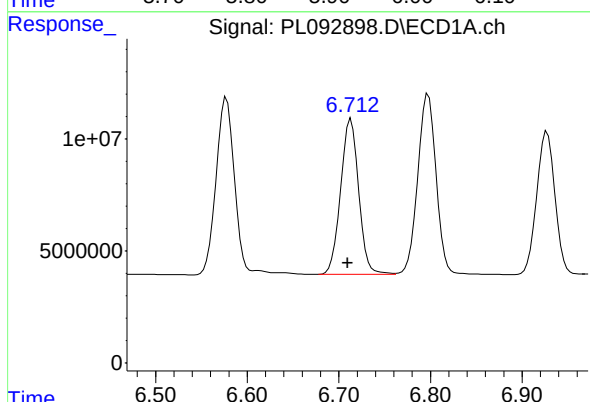
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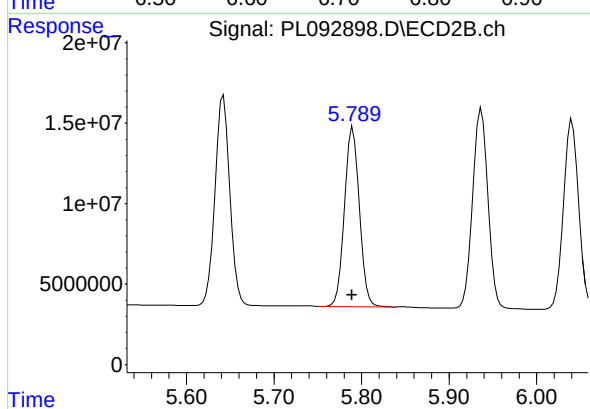
#15 Endosulfan II

R.T.: 5.937 min
Delta R.T.: 0.000 min
Response: 150434338
Conc: 53.10 ng/ml



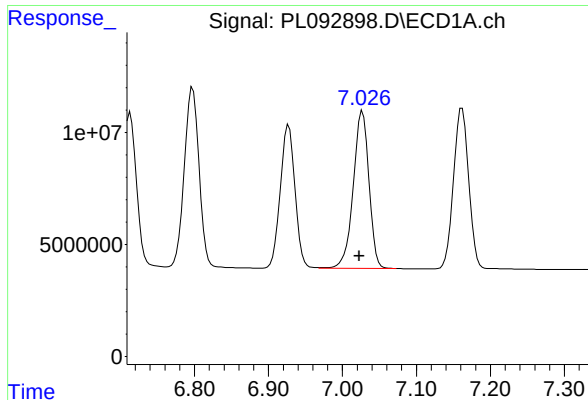
#16 4,4'-DDD

R.T.: 6.713 min
Delta R.T.: 0.004 min
Response: 95496882
Conc: 49.75 ng/ml



#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 131996793
Conc: 53.01 ng/ml



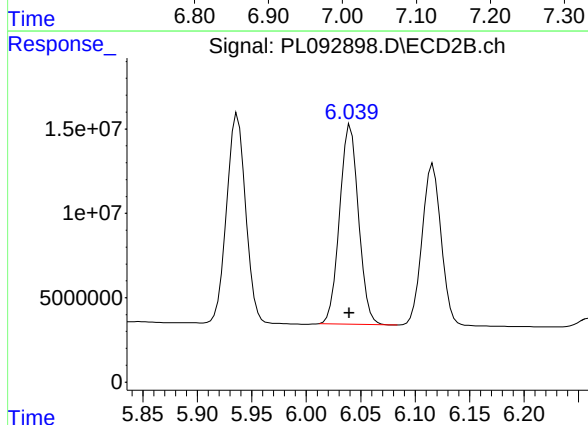
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.004 min
Response: 103757539
Conc: 50.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164749BS

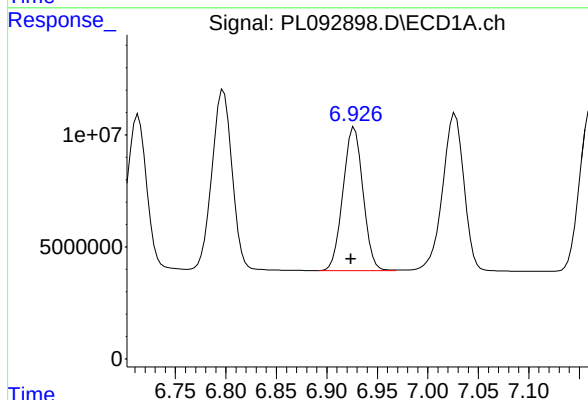
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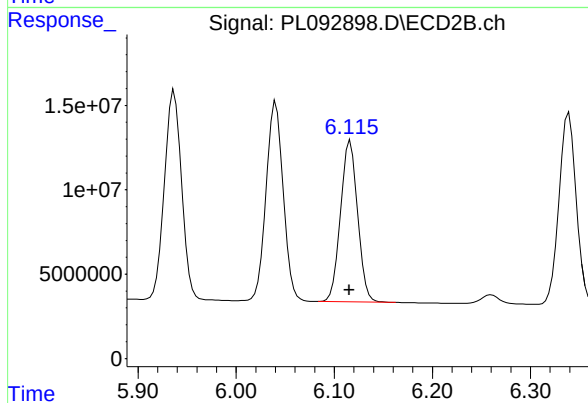
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 142367147
Conc: 53.08 ng/ml



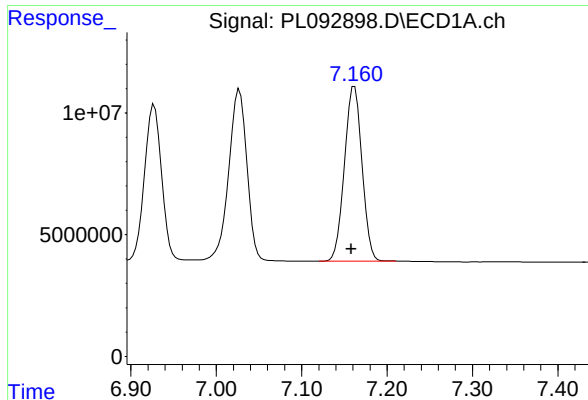
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.003 min
Response: 88645851
Conc: 47.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.116 min
Delta R.T.: 0.001 min
Response: 115780604
Conc: 50.18 ng/ml



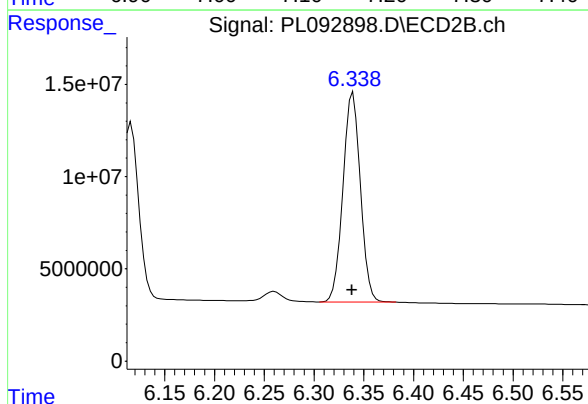
#19 Endosulfan Sulfate

R.T.: 7.162 min
Delta R.T.: 0.004 min
Response: 102577680
Conc: 47.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164749BS

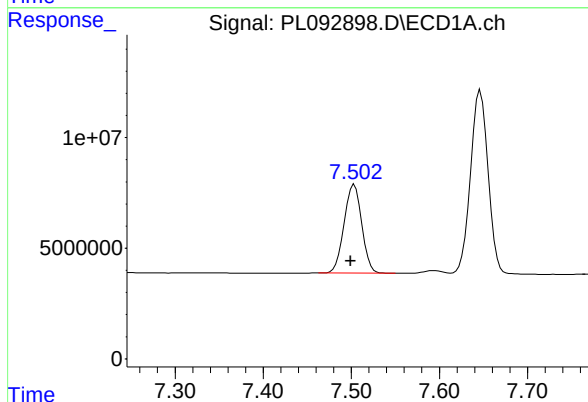
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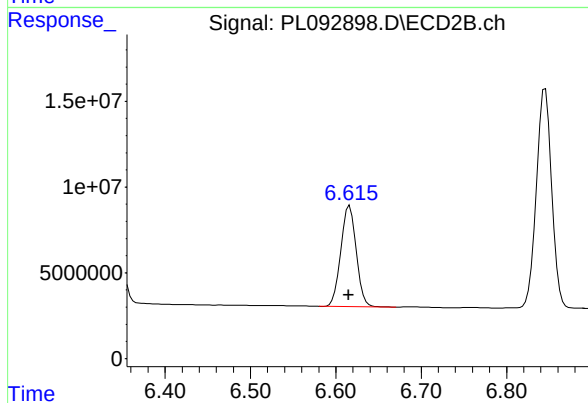
#19 Endosulfan Sulfate

R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 138524444
Conc: 51.36 ng/ml



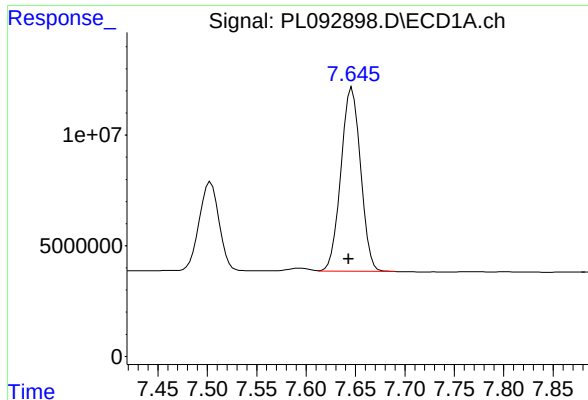
#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: 0.004 min
Response: 55732493
Conc: 48.89 ng/ml



#20 Methoxychlor

R.T.: 6.616 min
Delta R.T.: 0.001 min
Response: 73429800
Conc: 51.42 ng/ml



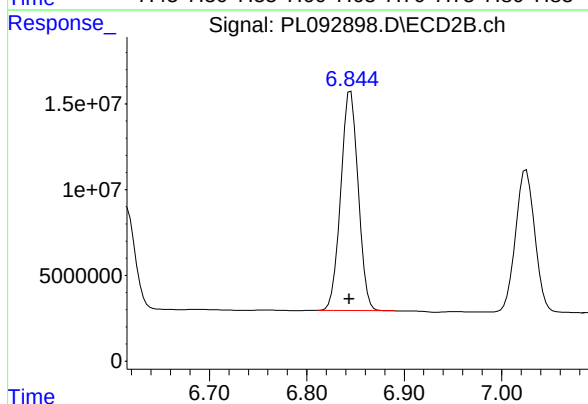
#21 Endrin ketone

R.T.: 7.647 min
Delta R.T.: 0.003 min
Response: 114792232
Conc: 47.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164749BS

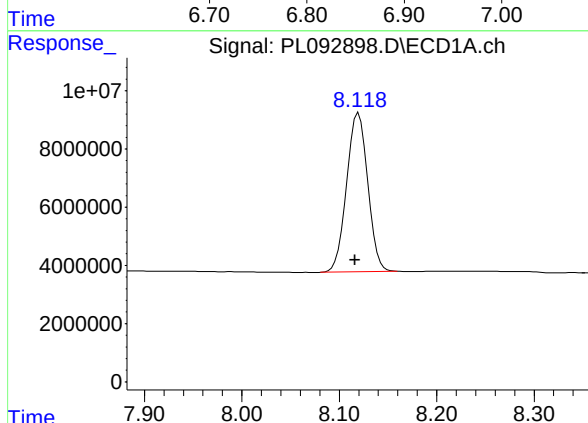
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Reviewed By :Abdul Mirza 11/08/2024
Supervised By :Ankita Jodhani 11/08/2024



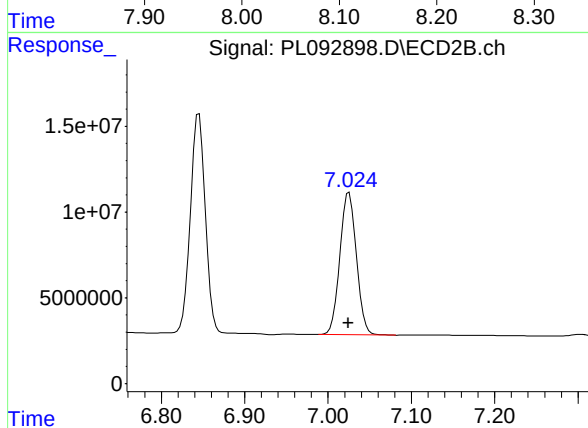
#21 Endrin ketone

R.T.: 6.845 min
Delta R.T.: 0.002 min
Response: 159235014
Conc: 51.89 ng/ml



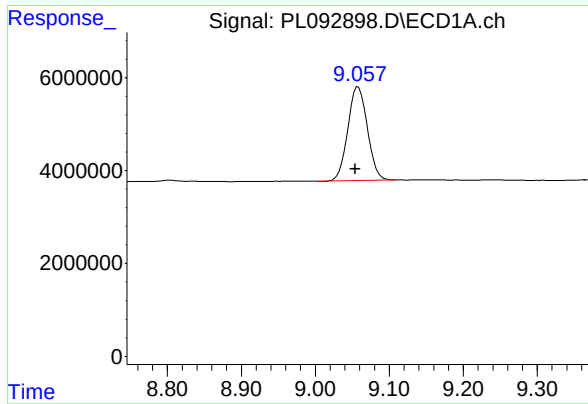
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.004 min
Response: 82282745
Conc: 41.52 ng/ml



#22 Mirex

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 114165515
Conc: 43.76 ng/ml



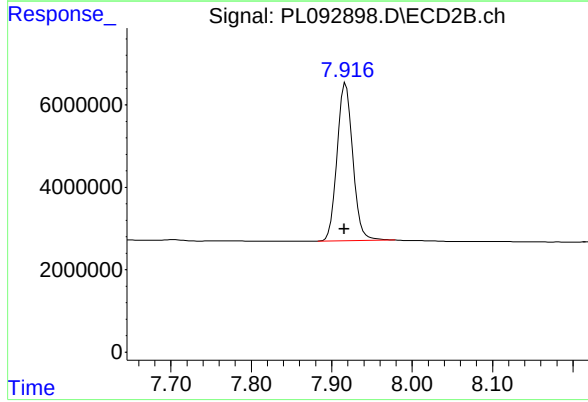
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.004 min
Response: 37068491
Conc: 19.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164749BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/08/2024
Supervised By :Ankita Jodhani 11/08/2024



#28 Decachlorobiphenyl

R.T.: 7.917 min
Delta R.T.: 0.002 min
Response: 52134507
Conc: 19.10 ng/ml