

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110724\
 Data File : PL092895.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2024 12:58
 Operator : AR\AJ
 Sample : PB164753BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB164753BS

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 23:47:09 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...	3.541	2.796f	44482657	43245111	18.154	15.892m
28) SA Decachlor...	9.058	7.935f	37308589	51874862	19.386	19.007m
Target Compounds						
2) A alpha-BHC	3.997	3.301f	159.4E6	192.5E6	47.002	48.239
3) MA gamma-BHC...	4.330	3.631f	151.5E6	185.3E6	46.485	48.005
4) MA Heptachlor	4.918	3.968f	145.6E6	189.1E6	48.490	50.118m
5) MB Aldrin	5.260	4.248f	137.8E6	178.6E6	45.900	48.787m
6) B beta-BHC	4.528	3.930f	69799079	82523055	48.288	50.128
7) B delta-BHC	4.774	4.159f	134.0E6	165.6E6	42.824	43.099
8) B Heptachlo...	5.686	4.751f	128.9E6	168.6E6	46.671	50.461m
9) A Endosulfan I	6.072	5.120f	120.1E6	155.6E6	48.011	50.975m
10) B gamma-Chl...	5.943	5.002f	128.8E6	172.1E6	48.416	51.193
11) B alpha-Chl...	6.021	5.066f	128.0E6	168.6E6	48.345	50.681
12) B 4,4'-DDE	6.195	5.253f	116.1E6	165.6E6	48.986	51.401m
13) MA Dieldrin	6.347	5.385f	126.6E6	171.8E6	48.027	51.422m
14) MA Endrin	6.577	5.661f	105.7E6	154.0E6	46.441	53.227m
15) B Endosulfa...	6.797	5.957f	113.0E6	149.3E6	47.400	52.704
16) A 4,4'-DDD	6.712	5.809f	95694460	132.1E6	49.853	53.037
17) MA 4,4'-DDT	7.026	6.060f	104.0E6	142.5E6	50.245	53.130
18) B Endrin al...	6.926	6.134f	88322361	114.7E6	47.031	49.732m
19) B Endosulfa...	7.161	6.357f	102.4E6	137.4E6	47.177	50.931m
20) A Methoxychlor	7.502	6.634f	55756705	73296620	48.909	51.327m
21) B Endrin ke...	7.646	6.863f	114.9E6	158.4E6	47.425	51.607m
22) Mirex	8.119	7.045f	82839644	112.7E6	41.802	43.208

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110724\
Data File : PL092895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2024 12:58
Operator : AR\AJ
Sample : PB164753BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB164753BS

Manual Integrations

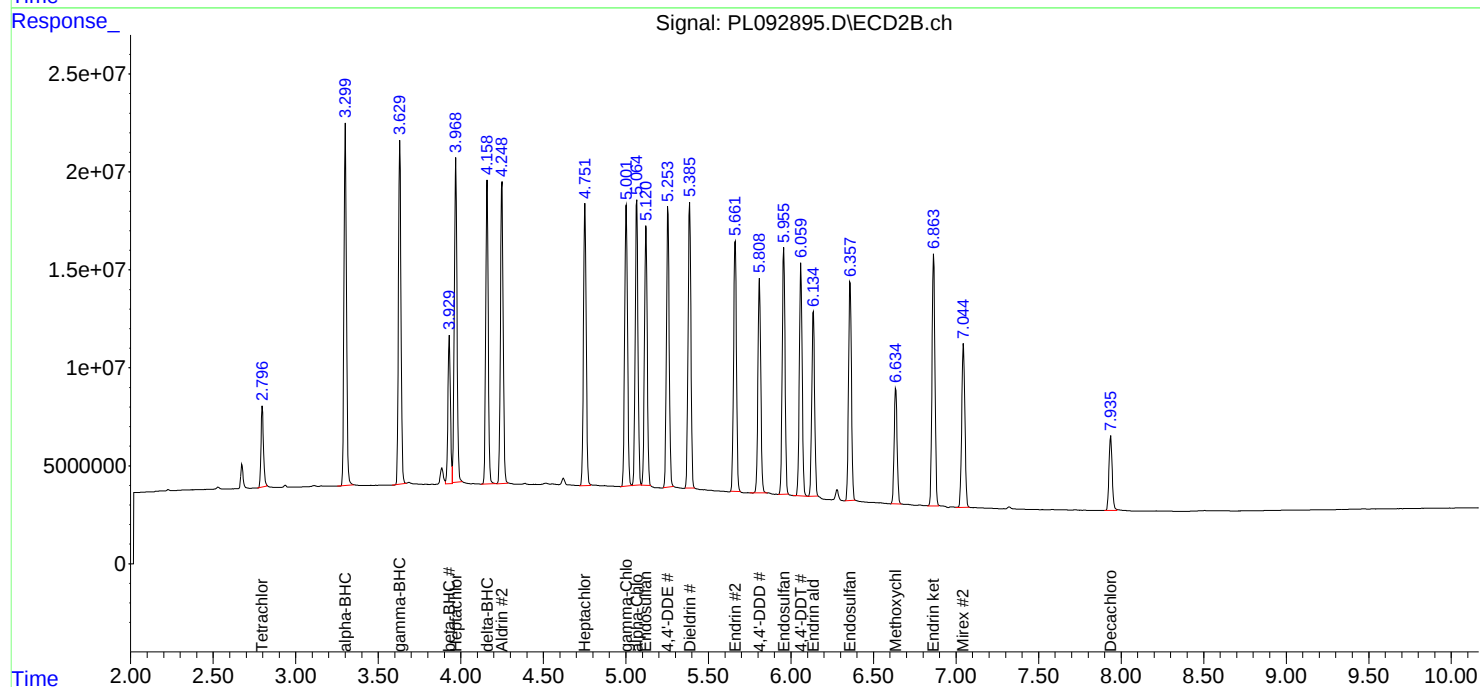
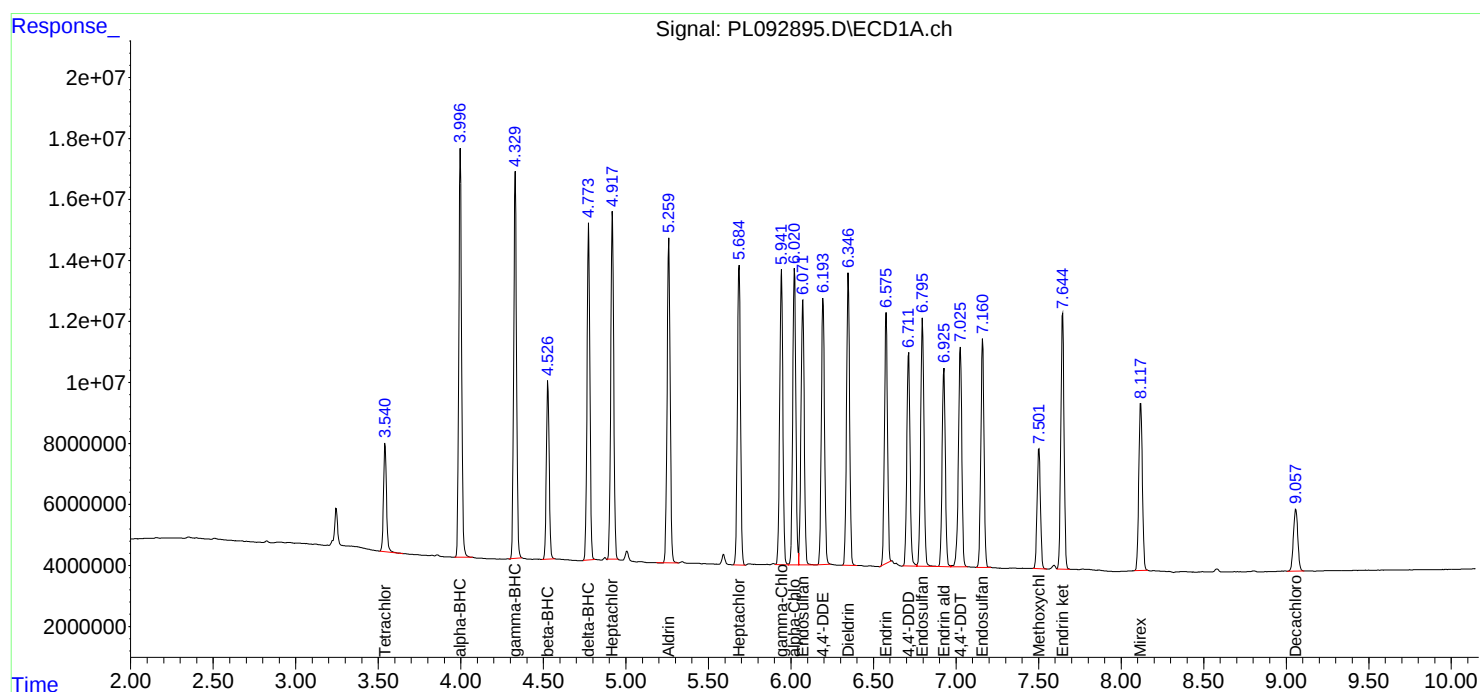
APPROVED

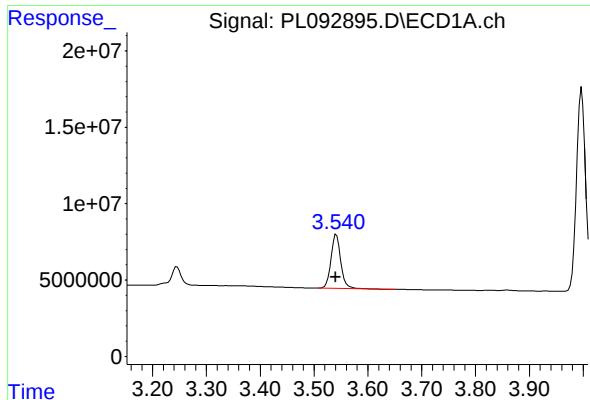
Reviewed By :Abdul Mirza 11/08/2024

Supervised By :Ankita Jodhani 11/08/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 23:47:09 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





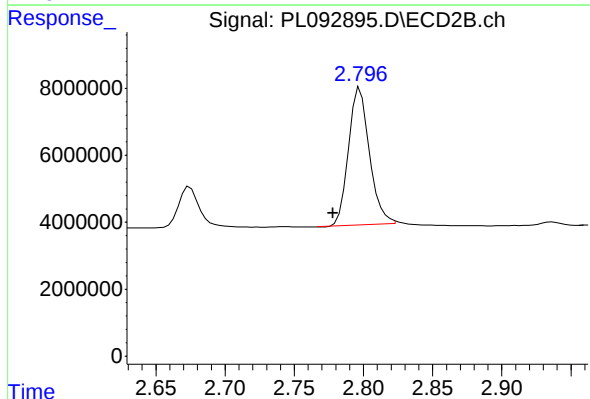
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: 0.001 min
Response: 44482657
Conc: 18.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

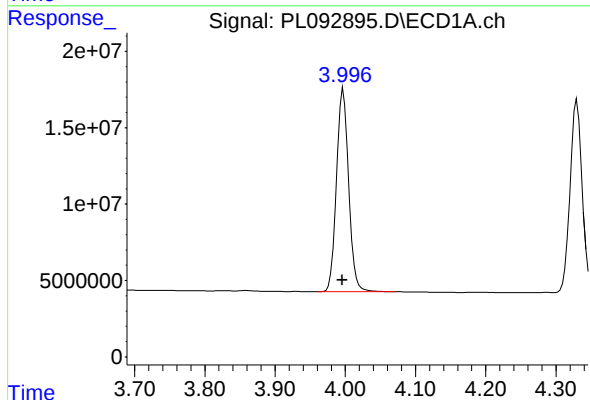
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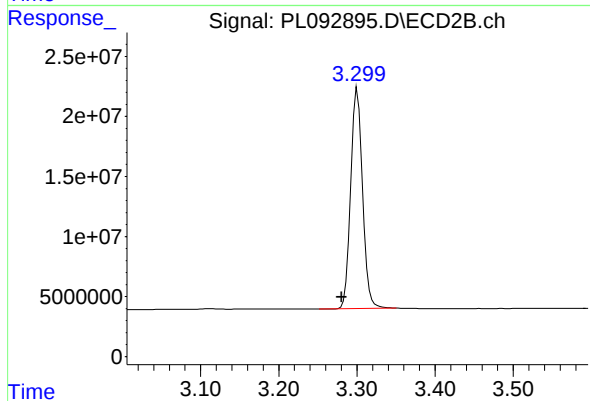
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.018 min
Response: 43245111
Conc: 15.89 ng/ml



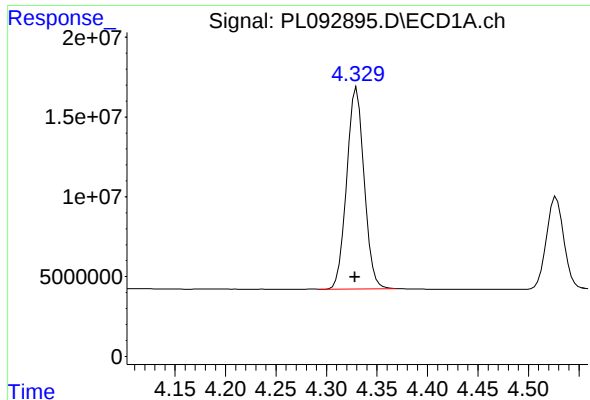
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.001 min
Response: 159409089
Conc: 47.00 ng/ml



#2 alpha-BHC

R.T.: 3.301 min
Delta R.T.: 0.020 min
Response: 192483253
Conc: 48.24 ng/ml



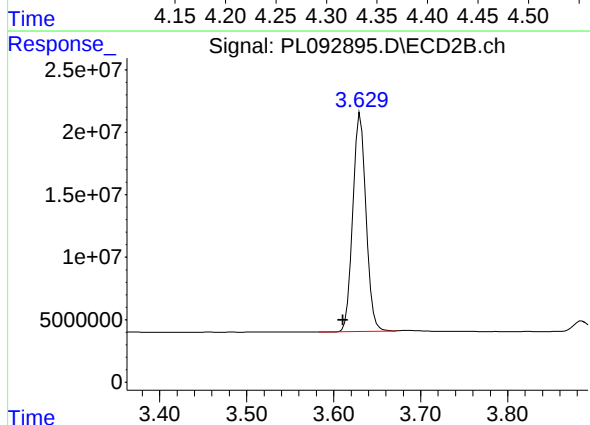
#3 gamma-BHC (Lindane)

R.T.: 4.330 min
Delta R.T.: 0.002 min
Response: 151521258
Conc: 46.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

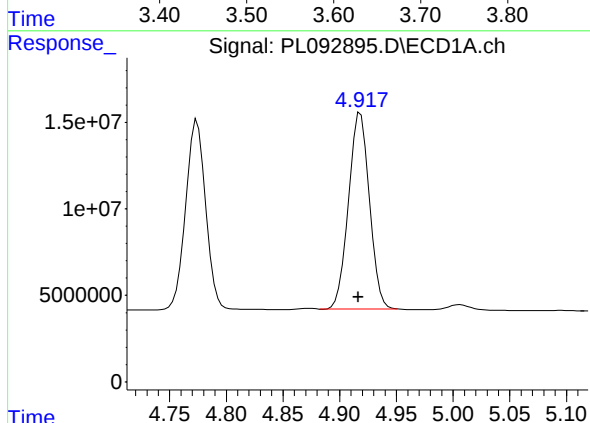
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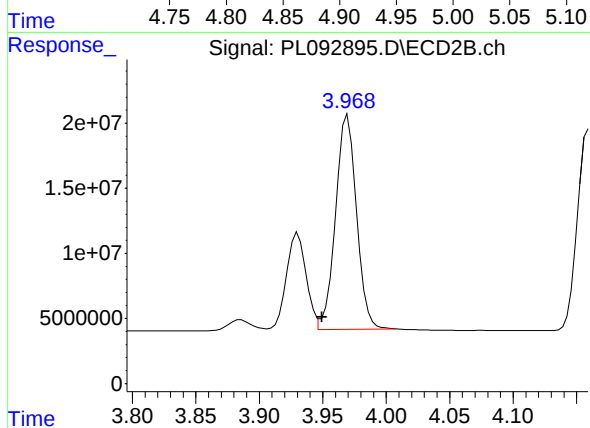
#3 gamma-BHC (Lindane)

R.T.: 3.631 min
Delta R.T.: 0.020 min
Response: 185272529
Conc: 48.00 ng/ml



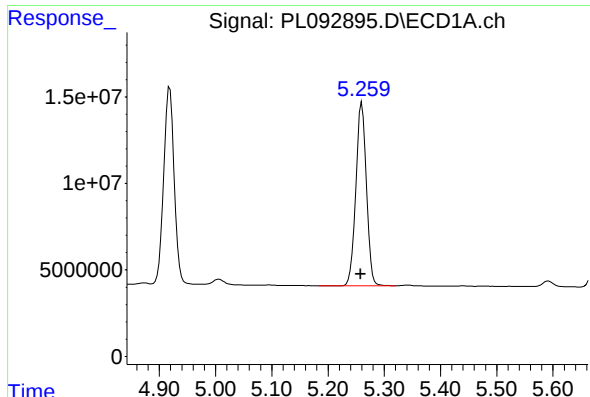
#4 Heptachlor

R.T.: 4.918 min
Delta R.T.: 0.002 min
Response: 145621108
Conc: 48.49 ng/ml



#4 Heptachlor

R.T.: 3.968 min
Delta R.T.: 0.019 min
Response: 189140178
Conc: 50.12 ng/ml m



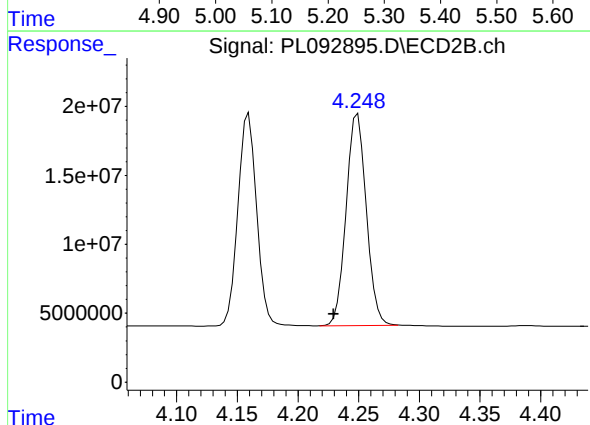
#5 Aldrin

R.T.: 5.260 min
Delta R.T.: 0.002 min
Response: 137768670
Conc: 45.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

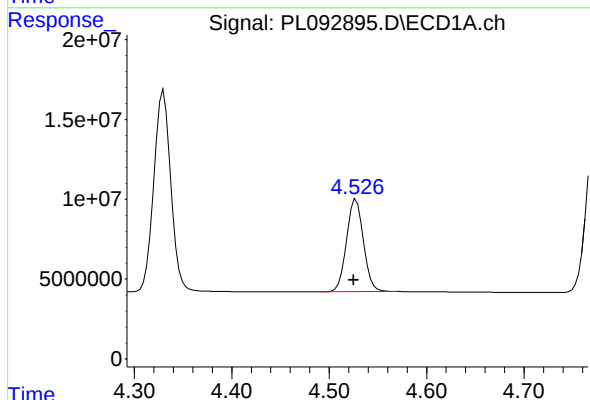
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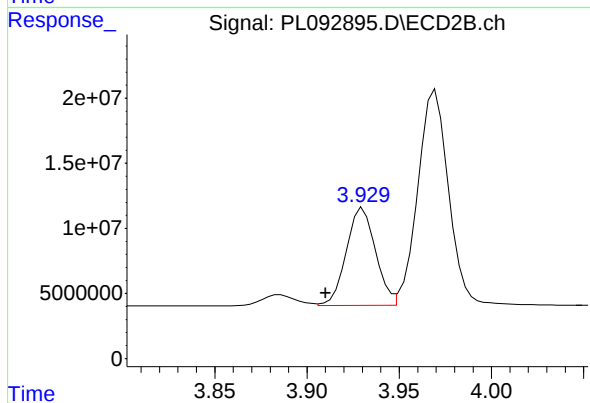
#5 Aldrin

R.T.: 4.248 min
Delta R.T.: 0.018 min
Response: 178570744
Conc: 48.79 ng/ml



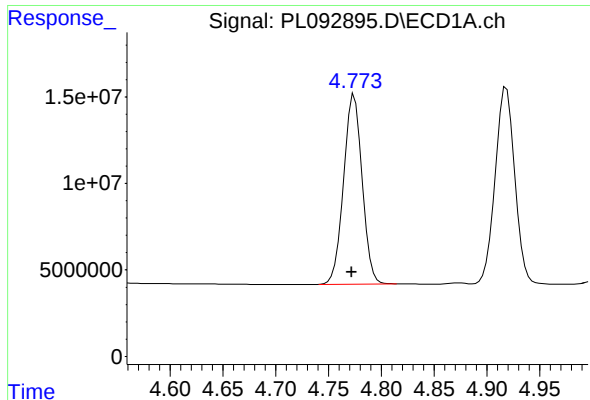
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.002 min
Response: 69799079
Conc: 48.29 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.020 min
Response: 82523055
Conc: 50.13 ng/ml



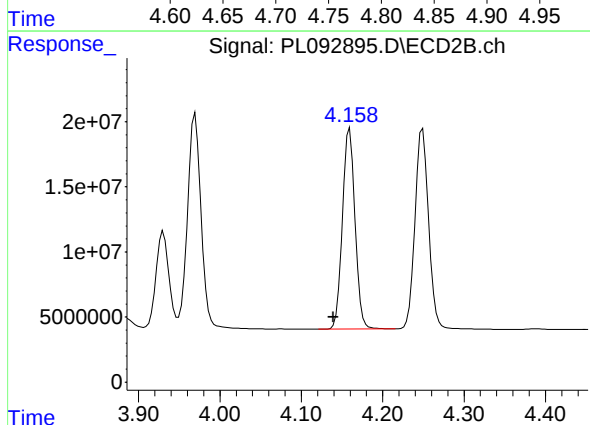
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.002 min
Response: 134034153
Conc: 42.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

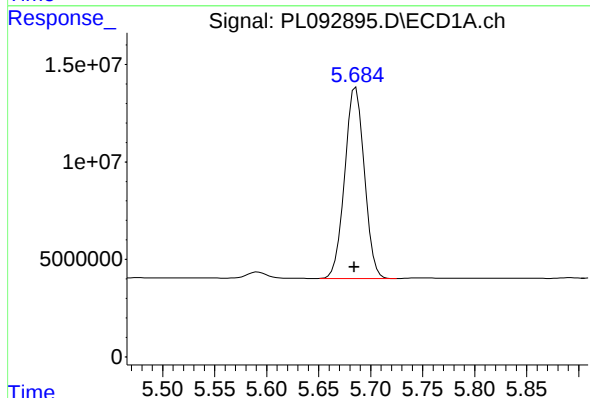
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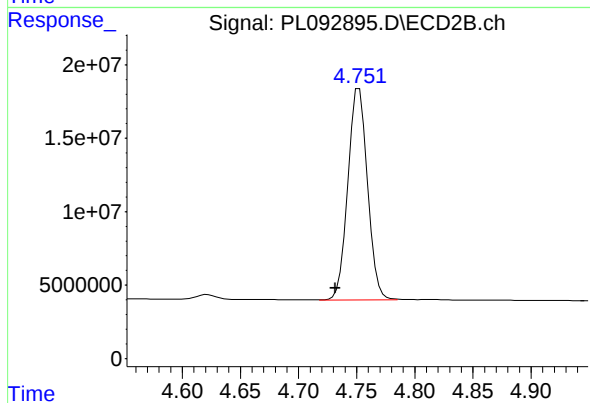
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: 0.020 min
Response: 165637185
Conc: 43.10 ng/ml



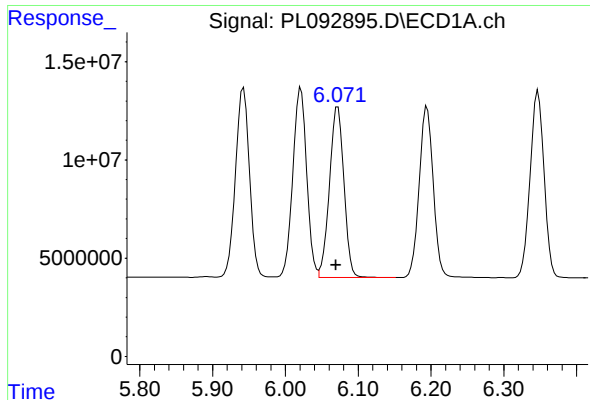
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.002 min
Response: 128879223
Conc: 46.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.751 min
Delta R.T.: 0.019 min
Response: 168610495
Conc: 50.46 ng/ml m



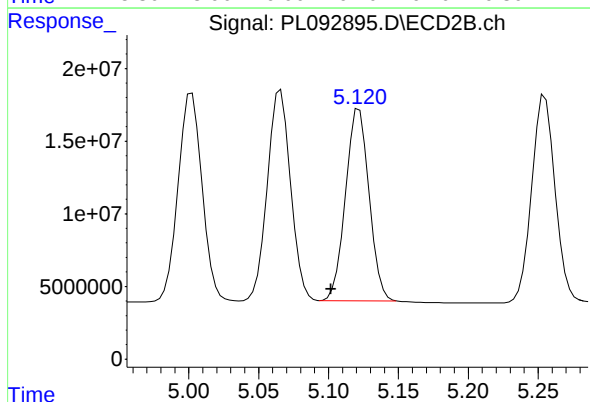
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.002 min
Response: 120092873
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

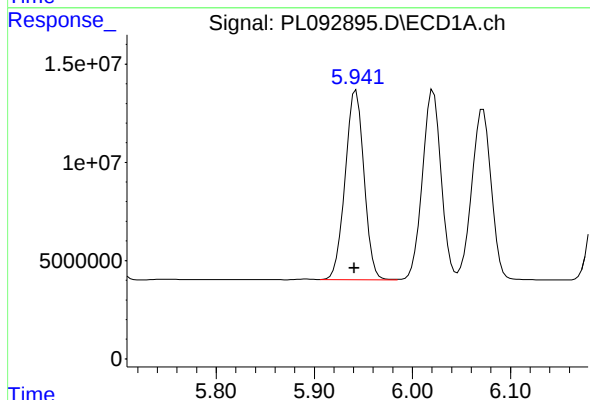
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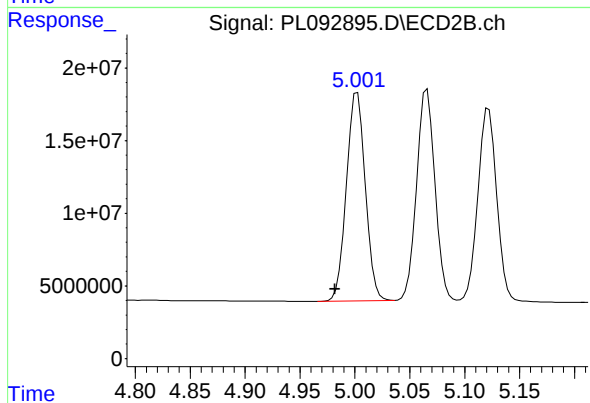
#9 Endosulfan I

R.T.: 5.120 min
Delta R.T.: 0.019 min
Response: 155634590
Conc: 50.98 ng/ml m



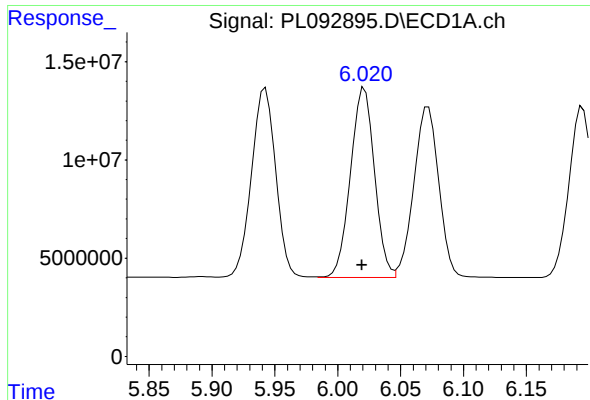
#10 gamma-Chlordane

R.T.: 5.943 min
Delta R.T.: 0.002 min
Response: 128816893
Conc: 48.42 ng/ml



#10 gamma-Chlordane

R.T.: 5.002 min
Delta R.T.: 0.020 min
Response: 172094889
Conc: 51.19 ng/ml



#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.002 min
Response: 128025376
Conc: 48.35 ng/ml

Instrument :

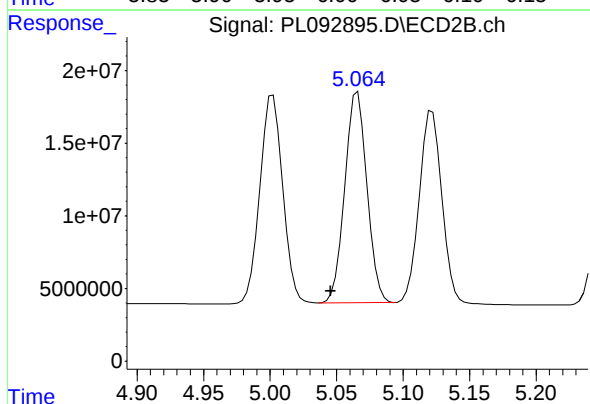
ECD_L

ClientSampleId :

PB164753BS

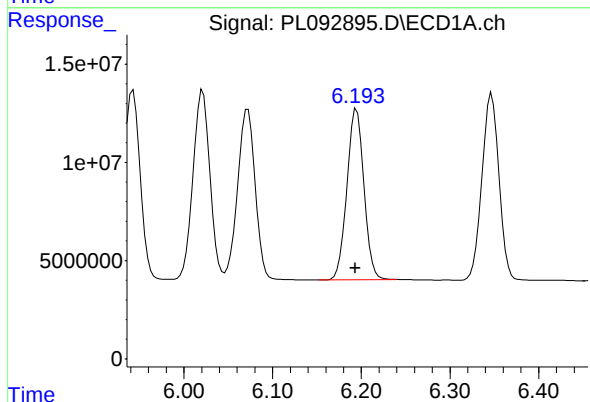
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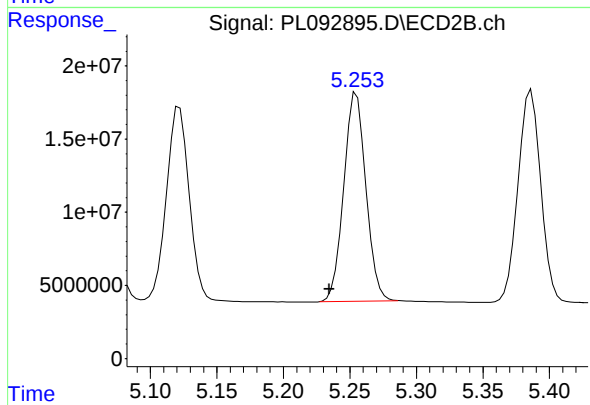
#11 alpha-Chlordane

R.T.: 5.066 min
Delta R.T.: 0.020 min
Response: 168567700
Conc: 50.68 ng/ml



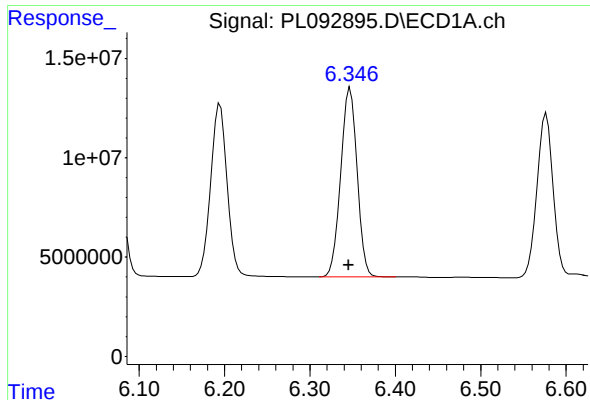
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 116055972
Conc: 48.99 ng/ml



#12 4,4'-DDE

R.T.: 5.253 min
Delta R.T.: 0.019 min
Response: 165592758
Conc: 51.40 ng/ml m



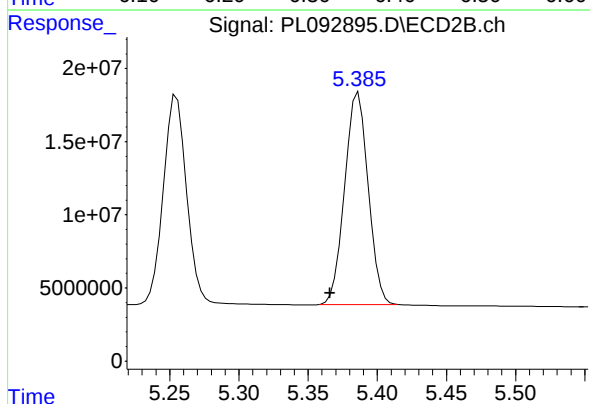
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.002 min
Response: 126575325
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

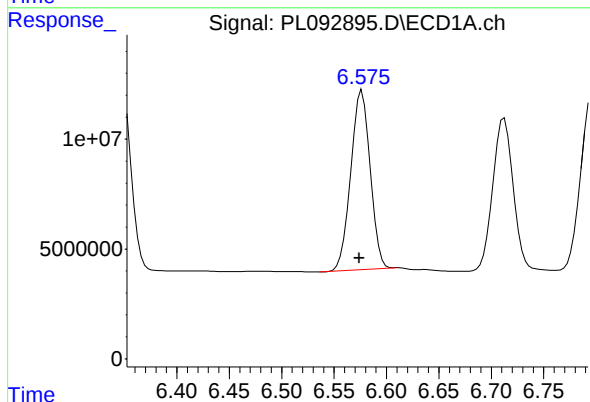
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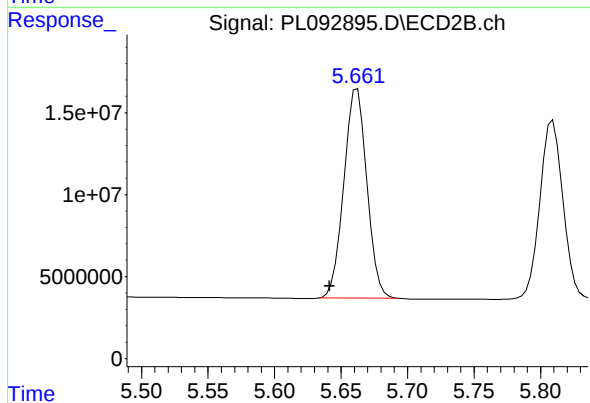
#13 Dieldrin

R.T.: 5.385 min
Delta R.T.: 0.019 min
Response: 171766243
Conc: 51.42 ng/ml m



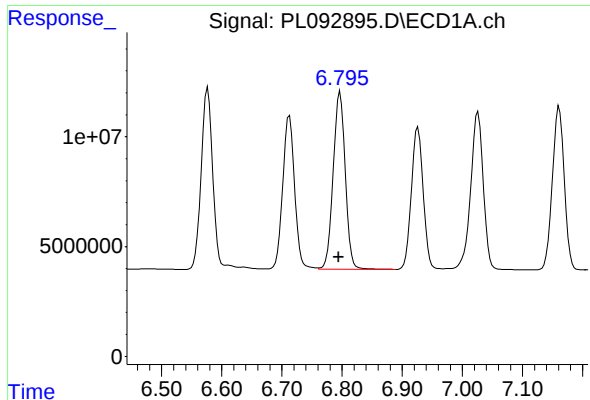
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.003 min
Response: 105729825
Conc: 46.44 ng/ml



#14 Endrin

R.T.: 5.661 min
Delta R.T.: 0.019 min
Response: 153985713
Conc: 53.23 ng/ml m



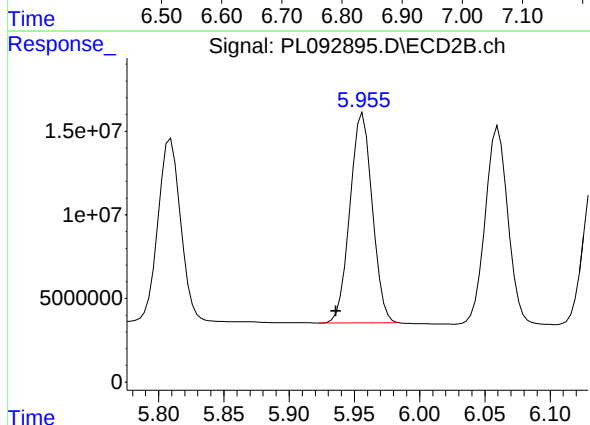
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.003 min
Response: 112993638
Conc: 47.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

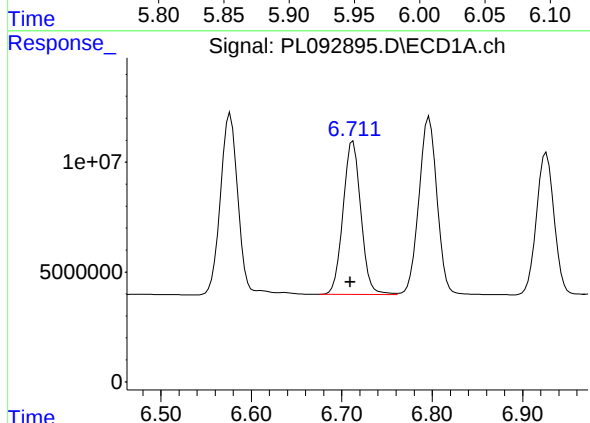
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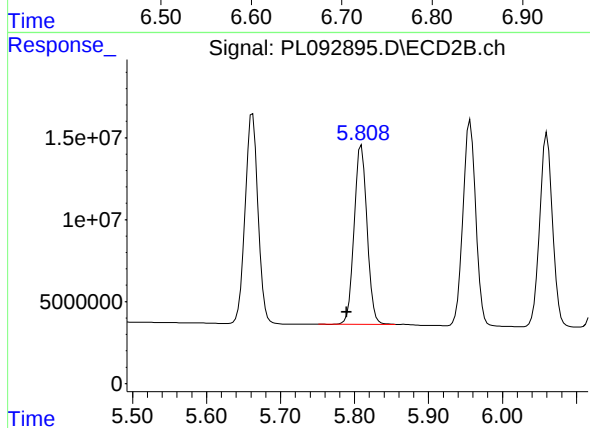
#15 Endosulfan II

R.T.: 5.957 min
Delta R.T.: 0.020 min
Response: 149326032
Conc: 52.70 ng/ml



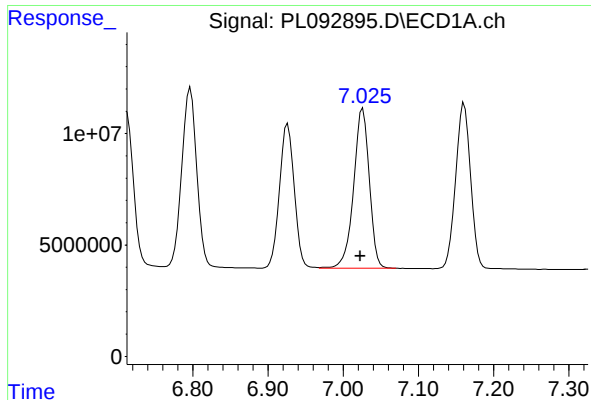
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.003 min
Response: 95694460
Conc: 49.85 ng/ml



#16 4,4'-DDD

R.T.: 5.809 min
Delta R.T.: 0.020 min
Response: 132064938
Conc: 53.04 ng/ml



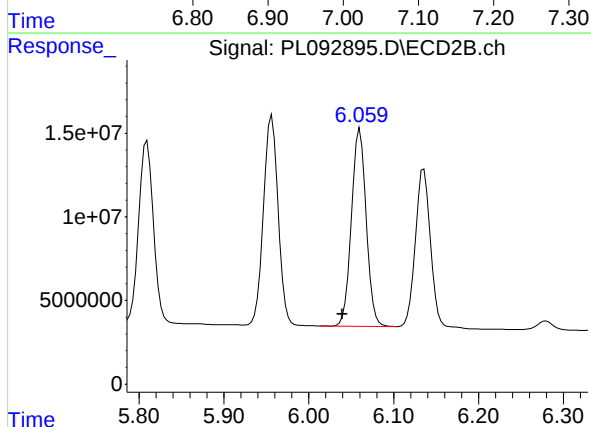
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.003 min
Response: 103994221
Conc: 50.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

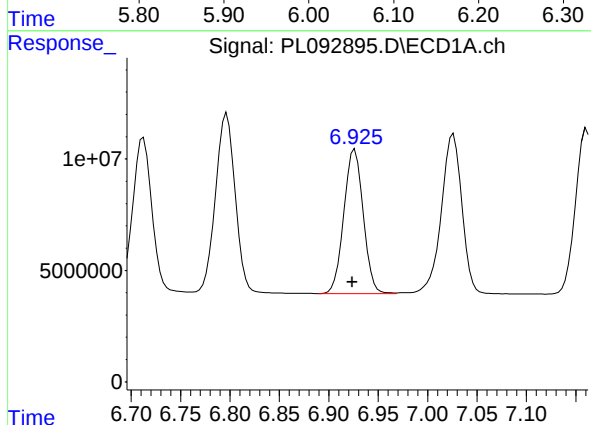
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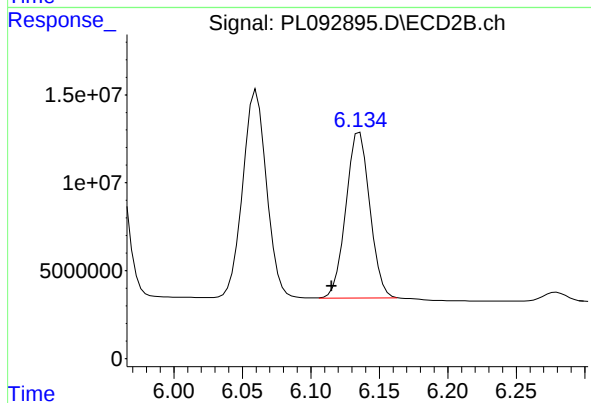
#17 4,4'-DDT

R.T.: 6.060 min
Delta R.T.: 0.020 min
Response: 142508717
Conc: 53.13 ng/ml



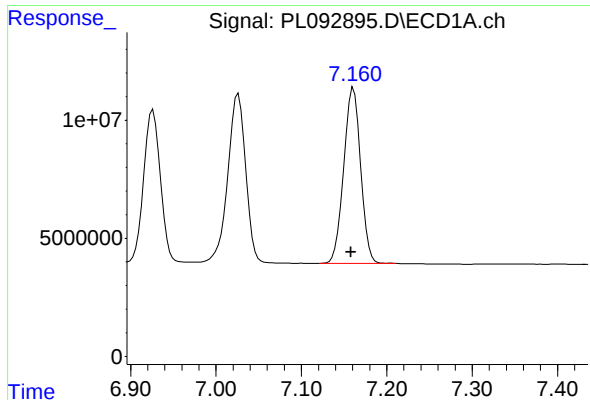
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.002 min
Response: 88322361
Conc: 47.03 ng/ml



#18 Endrin aldehyde

R.T.: 6.134 min
Delta R.T.: 0.019 min
Response: 114745206
Conc: 49.73 ng/ml m



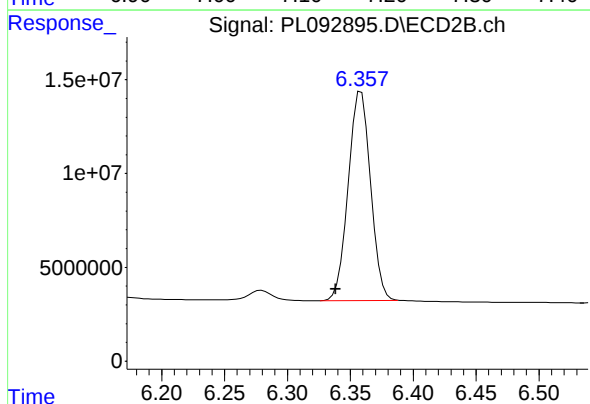
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.003 min
Response: 102390295
Conc: 47.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

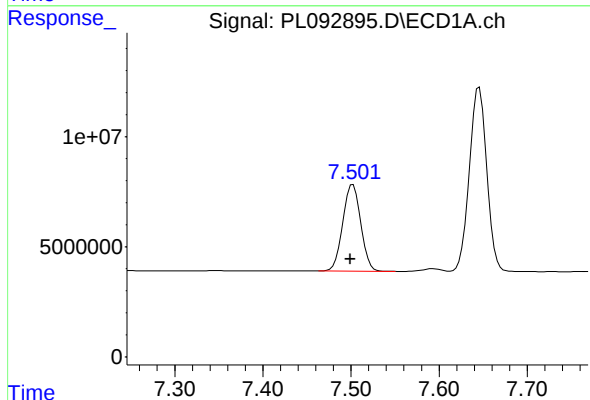
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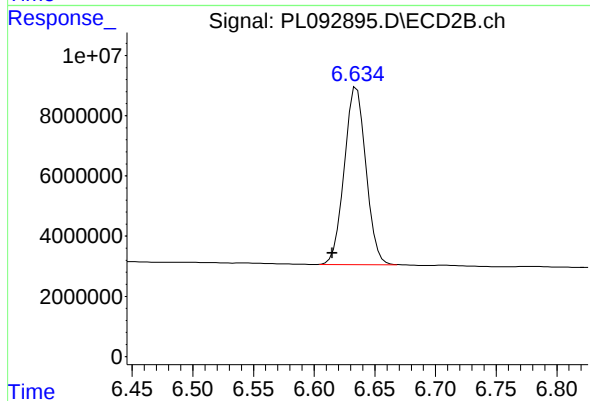
#19 Endosulfan Sulfate

R.T.: 6.357 min
Delta R.T.: 0.019 min
Response: 137353542
Conc: 50.93 ng/ml m



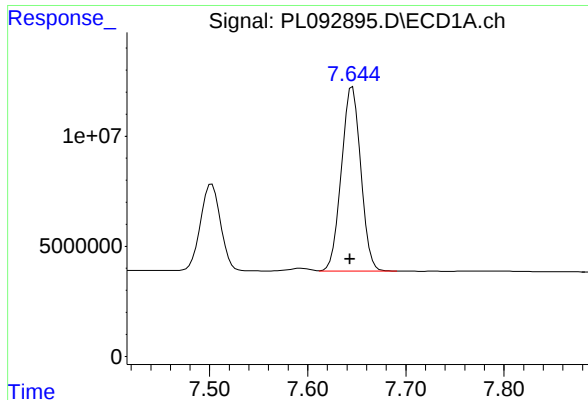
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.003 min
Response: 55756705
Conc: 48.91 ng/ml



#20 Methoxychlor

R.T.: 6.634 min
Delta R.T.: 0.019 min
Response: 73296620
Conc: 51.33 ng/ml m



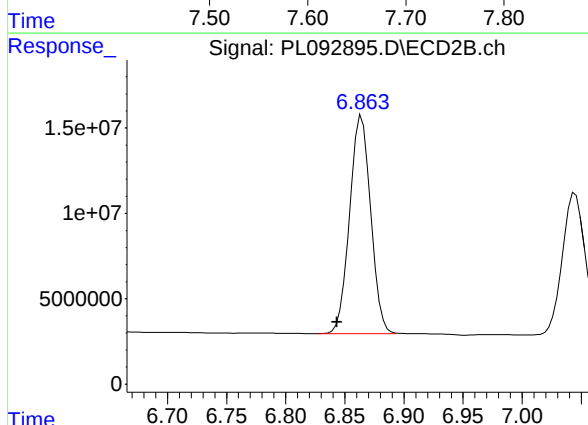
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.003 min
Response: 114902411
Conc: 47.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

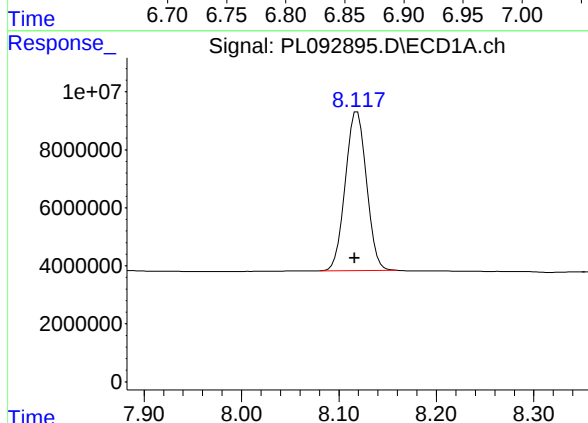
Manual Integrations
APPROVED

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



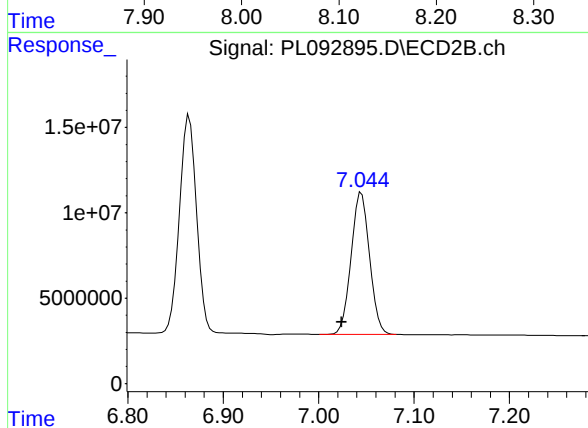
#21 Endrin ketone

R.T.: 6.863 min
Delta R.T.: 0.019 min
Response: 158370048
Conc: 51.61 ng/ml



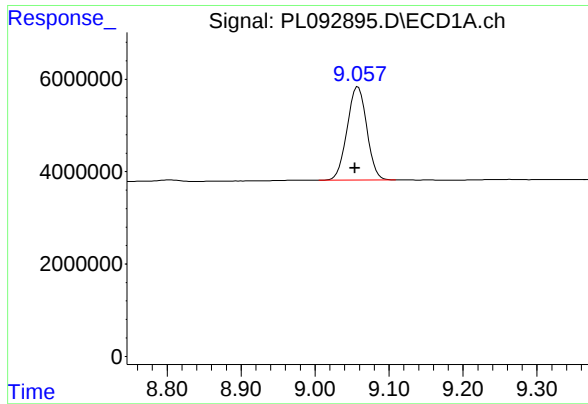
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.003 min
Response: 82839644
Conc: 41.80 ng/ml



#22 Mirex

R.T.: 7.045 min
Delta R.T.: 0.021 min
Response: 112732665
Conc: 43.21 ng/ml



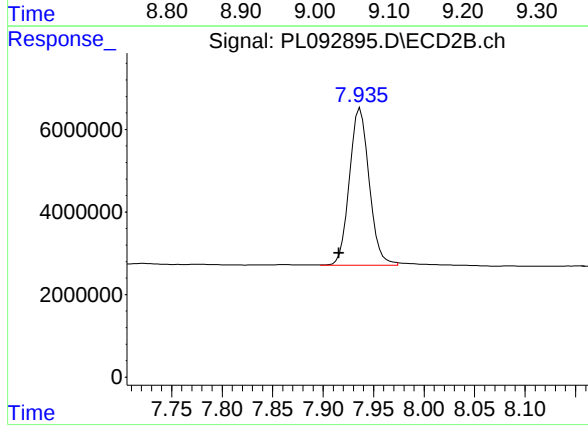
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.004 min
Response: 37308589
Conc: 19.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB164753BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.935 min
Delta R.T.: 0.020 min
Response: 51874862
Conc: 19.01 ng/ml m