

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031023\
 Data File : PL081404.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2023 15:09
 Operator : AR\AJ
 Sample : PB151351BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151351BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/13/2023
 Supervised By :Ankita Jodhani 03/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 21:19:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.338	2.659	41921368	36563931	19.403	18.067
28) SA Decachlor...	8.765	7.786	36616456	38043146	24.018	19.860
Target Compounds						
2) A alpha-BHC	3.788	3.160	143.0E6	127.4E6	44.947	43.456
3) MA gamma-BHC...	4.117	3.488	134.5E6	120.2E6	45.472	43.682
4) MA Heptachlor	4.697	3.822	132.6E6	125.2E6	48.051	45.365
5) MB Aldrin	5.034	4.101	118.9E6	115.0E6	46.728	43.850
6) B beta-BHC	4.319	3.787	58005806	47519452	42.141	40.943
7) B delta-BHC	4.561	4.015	126.2E6	109.8E6	45.394	43.102
8) B Heptachlo...	5.460	4.603	106.2E6	109.0E6	45.002	45.078
9) A Endosulfan I	5.841	4.972	99620192	101.4E6	47.153	44.788
10) B gamma-Chl...	5.715	4.853	110.0E6	109.6E6	48.189	44.777
11) B alpha-Chl...	5.793	4.916	107.1E6	109.3E6	47.540	44.639
12) B 4,4'-DDE	5.971	5.107	92190610	87722896	47.118	44.691
13) MA Dieldrin	6.116	5.236	100.1E6	102.7E6	47.834	45.561
14) MA Endrin	6.343	5.511	86916460	92992460	47.823	46.273
15) B Endosulfa...	6.565	5.808	84678956	84947566	48.568	46.074
16) A 4,4'-DDD	6.486	5.663	74282600	71514616	48.255	46.617
17) MA 4,4'-DDT	6.798	5.912	79451824	79783596	50.054	49.731
18) B Endrin al...	6.693	5.989	65948446	68412520	46.074m	45.155
19) B Endosulfa...	6.929	6.212	84764460	85304164	47.209	44.382
20) A Methoxychlor	7.279	6.493	43610753	44182539	50.630	47.606
21) B Endrin ke...	7.409	6.718	88051089	96490635	48.540	44.815
22) Mirex	7.874	6.890	69163239	88511008	47.401	45.988

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031023\
Data File : PL081404.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2023 15:09
Operator : AR\AJ
Sample : PB151351BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

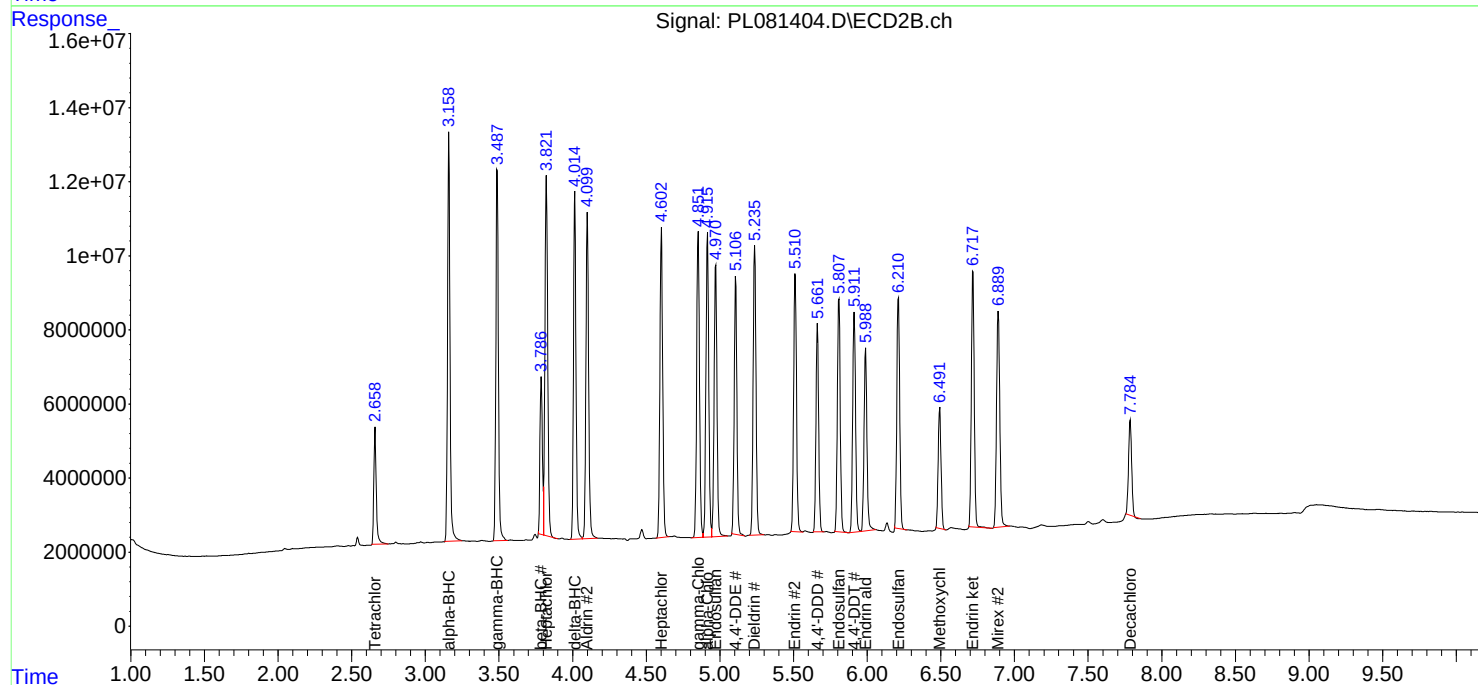
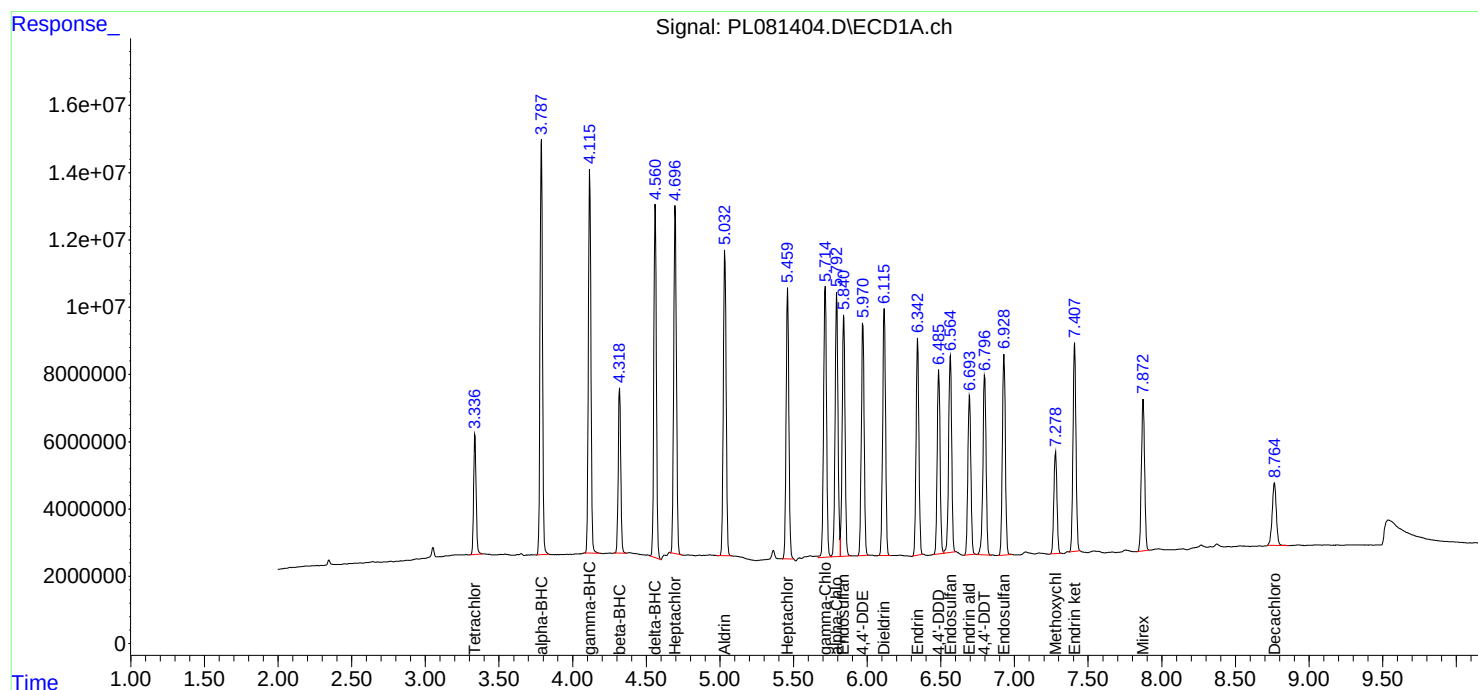
Instrument :
ECD_L
ClientSampleId :
PB151351BS

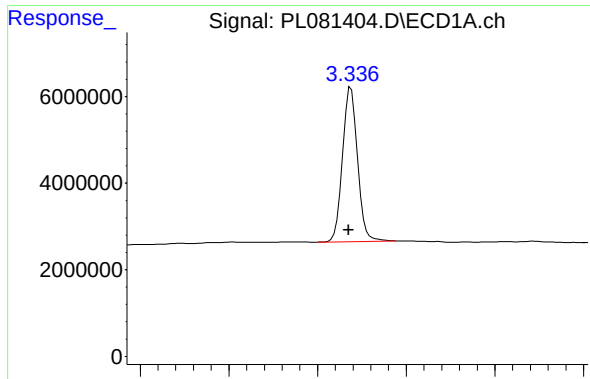
Manual Integrations
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Supervised By :Ankita Jodhani 03/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 10 21:19:15 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
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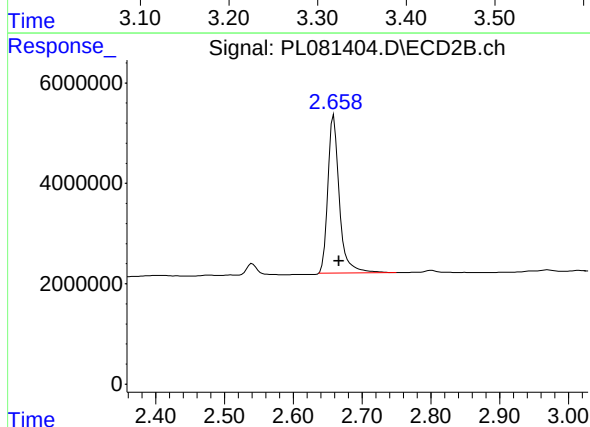
#1 Tetrachloro-m-xylene

R.T.: 3.338 min
Delta R.T.: 0.003 min
Response: 41921368
Conc: 19.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151351BS

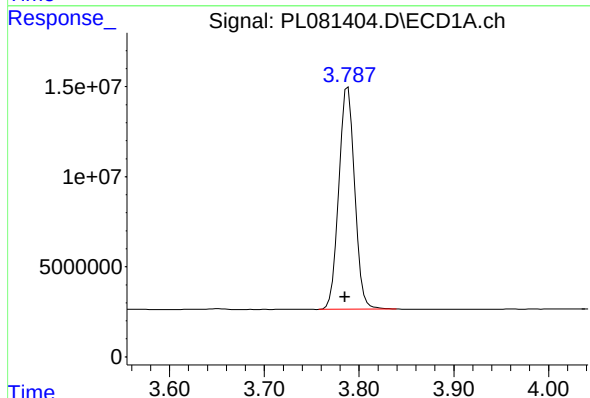
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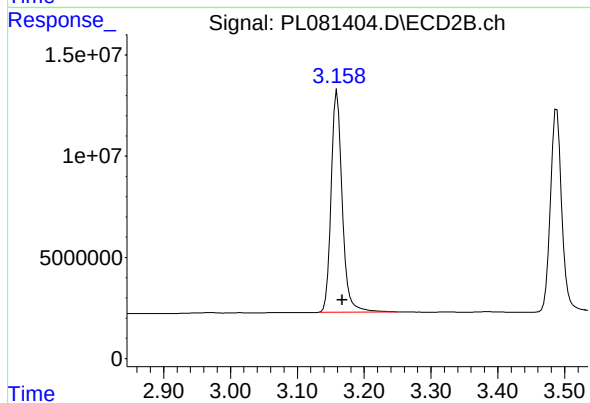
#1 Tetrachloro-m-xylene

R.T.: 2.659 min
Delta R.T.: -0.007 min
Response: 36563931
Conc: 18.07 ng/ml



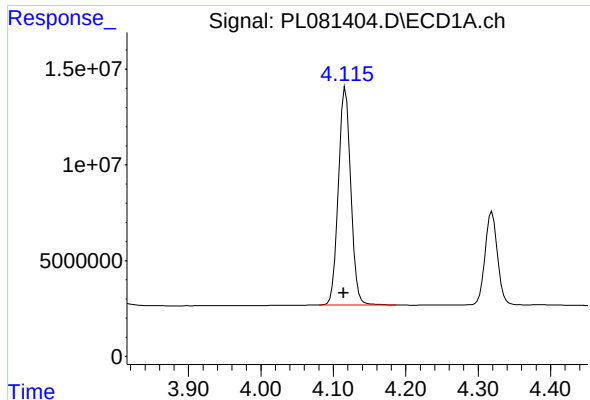
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: 0.003 min
Response: 142989033
Conc: 44.95 ng/ml



#2 alpha-BHC

R.T.: 3.160 min
Delta R.T.: -0.008 min
Response: 127354285
Conc: 43.46 ng/ml



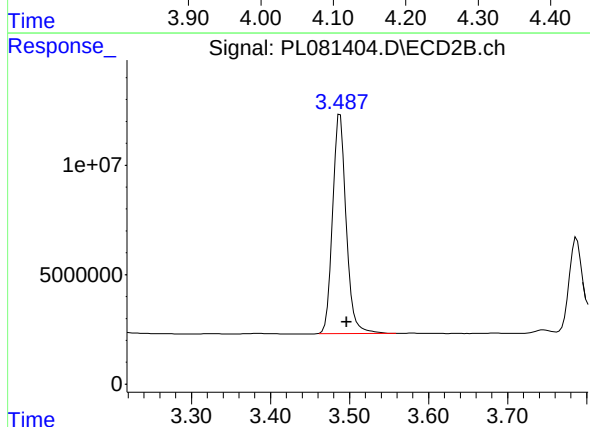
#3 gamma-BHC (Lindane)

R.T.: 4.117 min
Delta R.T.: 0.002 min
Response: 134532817
Conc: 45.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151351BS

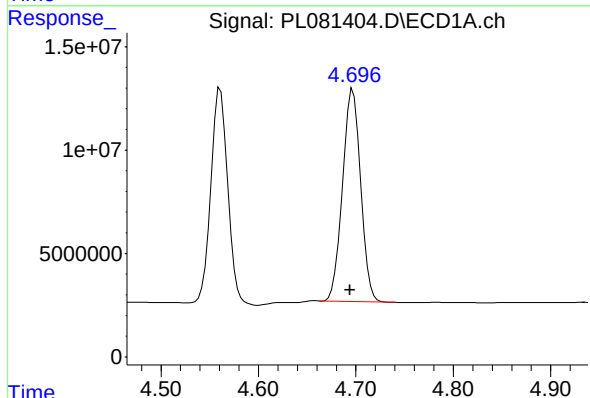
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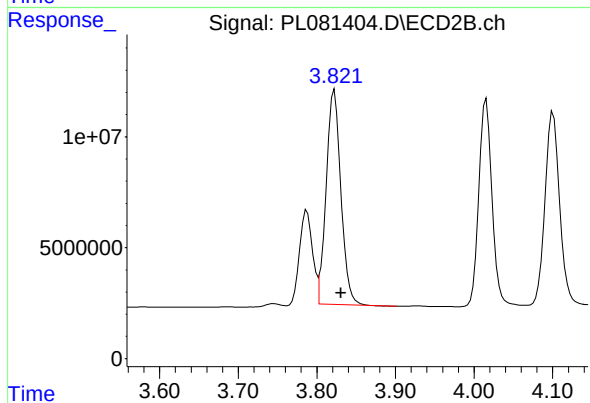
#3 gamma-BHC (Lindane)

R.T.: 3.488 min
Delta R.T.: -0.008 min
Response: 120170981
Conc: 43.68 ng/ml



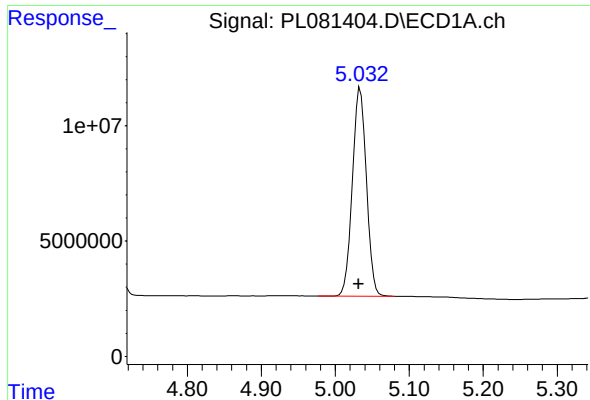
#4 Heptachlor

R.T.: 4.697 min
Delta R.T.: 0.003 min
Response: 132589944
Conc: 48.05 ng/ml



#4 Heptachlor

R.T.: 3.822 min
Delta R.T.: -0.008 min
Response: 125185285
Conc: 45.36 ng/ml



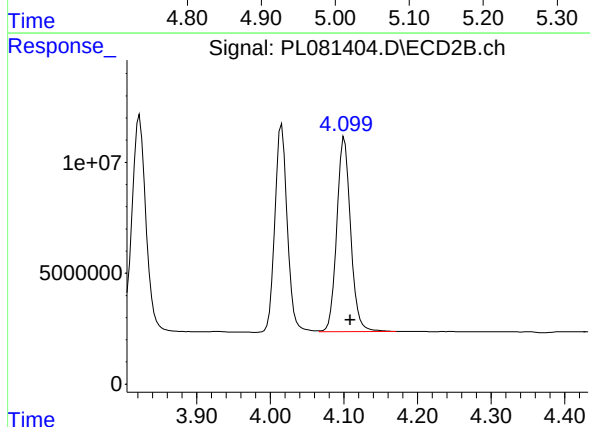
#5 Aldrin

R.T.: 5.034 min
Delta R.T.: 0.002 min
Response: 118882745
Conc: 46.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151351BS

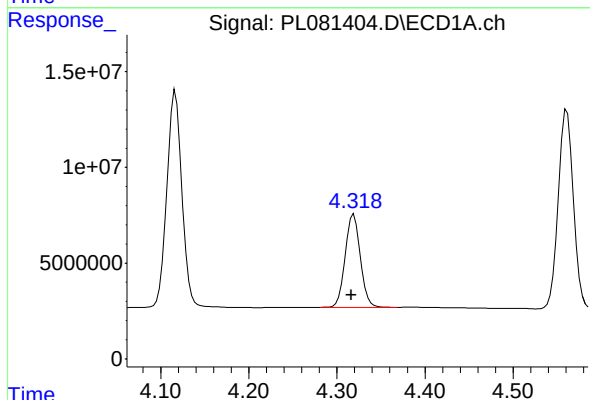
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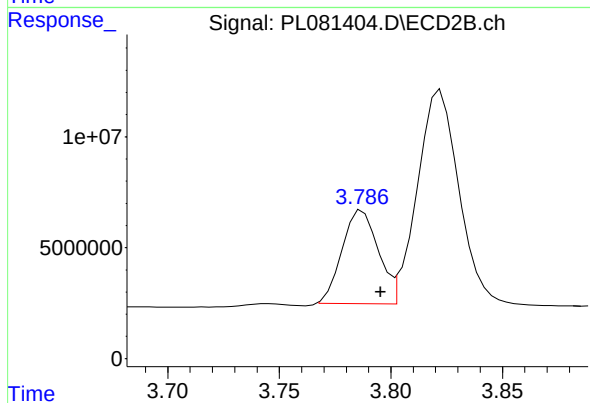
#5 Aldrin

R.T.: 4.101 min
Delta R.T.: -0.008 min
Response: 114962424
Conc: 43.85 ng/ml



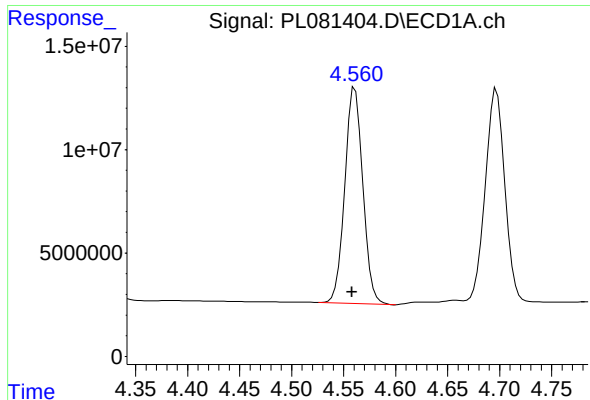
#6 beta-BHC

R.T.: 4.319 min
Delta R.T.: 0.003 min
Response: 58005806
Conc: 42.14 ng/ml



#6 beta-BHC

R.T.: 3.787 min
Delta R.T.: -0.008 min
Response: 47519452
Conc: 40.94 ng/ml



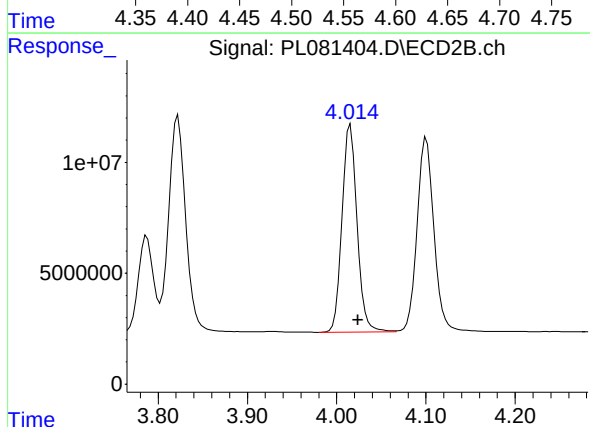
#7 delta-BHC

R.T.: 4.561 min
Delta R.T.: 0.003 min
Response: 126157236
Conc: 45.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151351BS

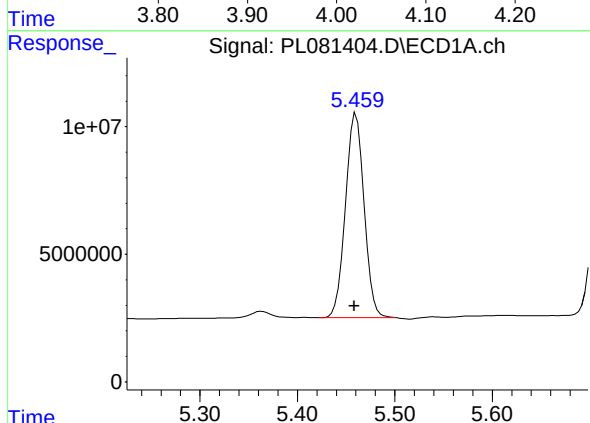
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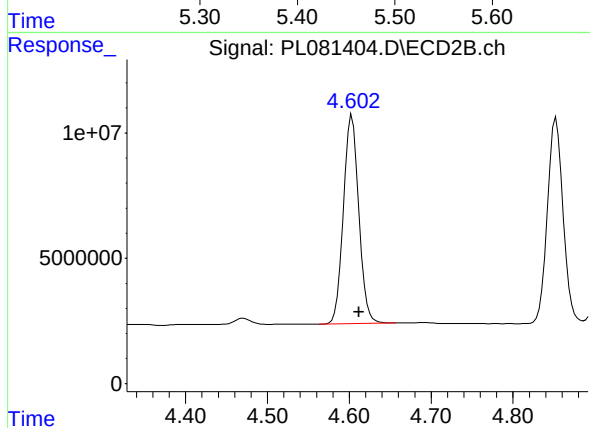
#7 delta-BHC

R.T.: 4.015 min
Delta R.T.: -0.009 min
Response: 109765084
Conc: 43.10 ng/ml



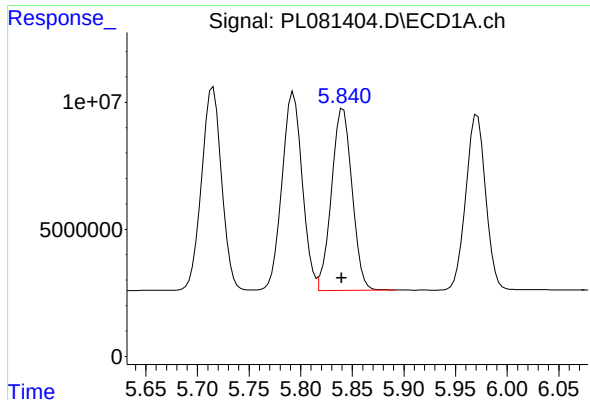
#8 Heptachlor epoxide

R.T.: 5.460 min
Delta R.T.: 0.002 min
Response: 106206515
Conc: 45.00 ng/ml



#8 Heptachlor epoxide

R.T.: 4.603 min
Delta R.T.: -0.009 min
Response: 109003624
Conc: 45.08 ng/ml



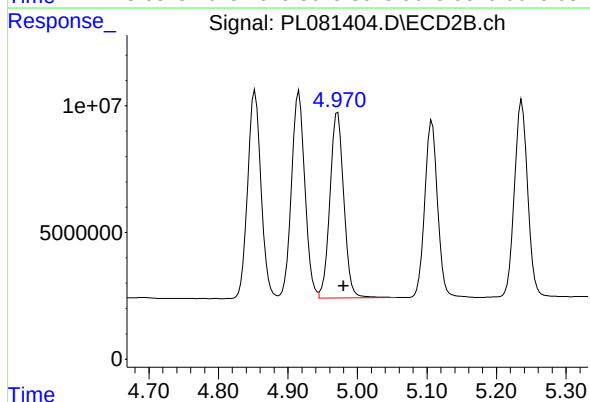
#9 Endosulfan I

R.T.: 5.841 min
Delta R.T.: 0.001 min
Response: 99620192
Conc: 47.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151351BS

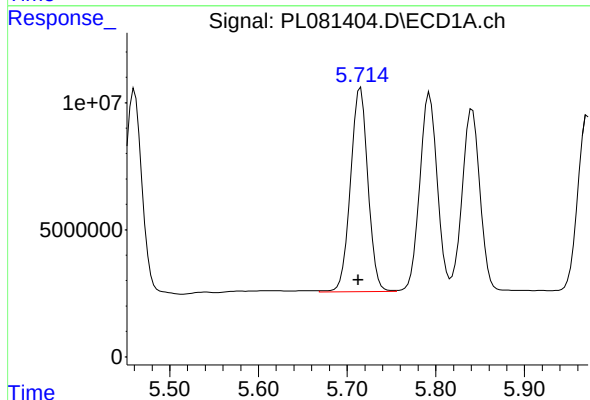
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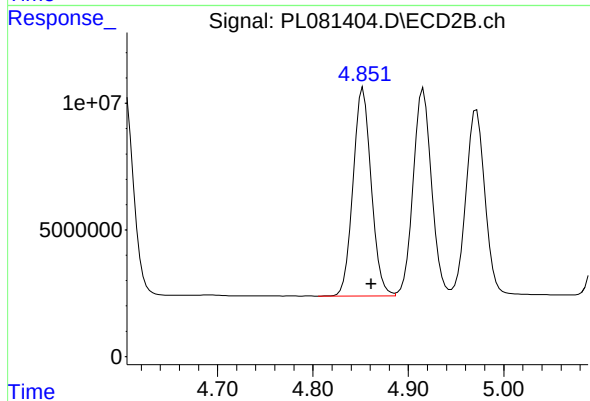
#9 Endosulfan I

R.T.: 4.972 min
Delta R.T.: -0.009 min
Response: 101384900
Conc: 44.79 ng/ml



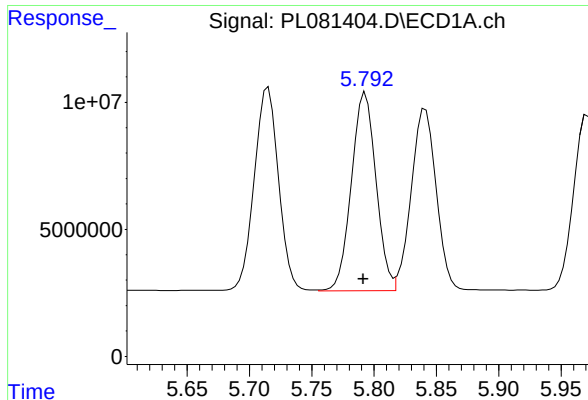
#10 gamma-Chlordane

R.T.: 5.715 min
Delta R.T.: 0.002 min
Response: 109962310
Conc: 48.19 ng/ml



#10 gamma-Chlordane

R.T.: 4.853 min
Delta R.T.: -0.008 min
Response: 109602753
Conc: 44.78 ng/ml



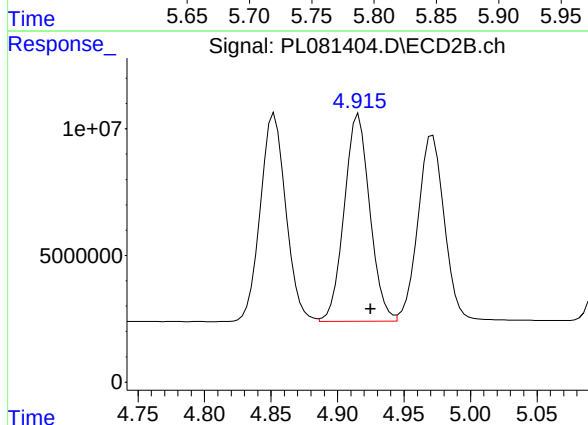
#11 alpha-Chlordane

R.T.: 5.793 min
Delta R.T.: 0.002 min
Response: 107105232
Conc: 47.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151351BS

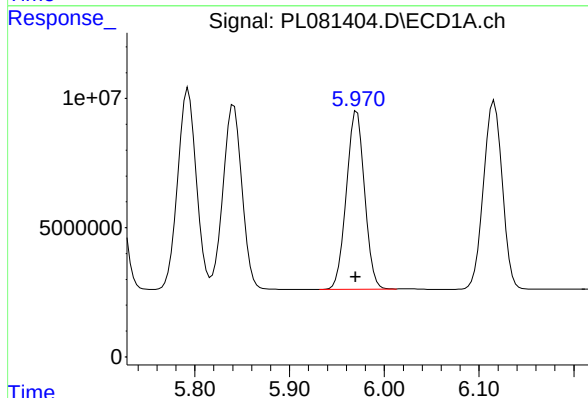
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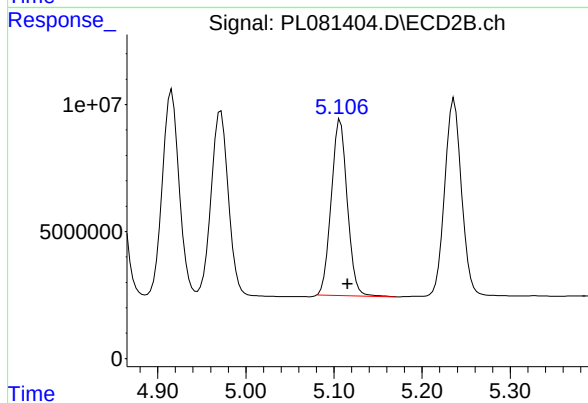
#11 alpha-Chlordane

R.T.: 4.916 min
Delta R.T.: -0.009 min
Response: 109301967
Conc: 44.64 ng/ml



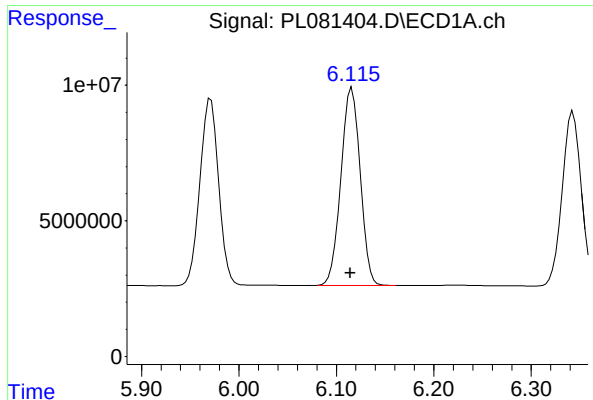
#12 4,4'-DDE

R.T.: 5.971 min
Delta R.T.: 0.001 min
Response: 92190610
Conc: 47.12 ng/ml



#12 4,4'-DDE

R.T.: 5.107 min
Delta R.T.: -0.008 min
Response: 87722896
Conc: 44.69 ng/ml



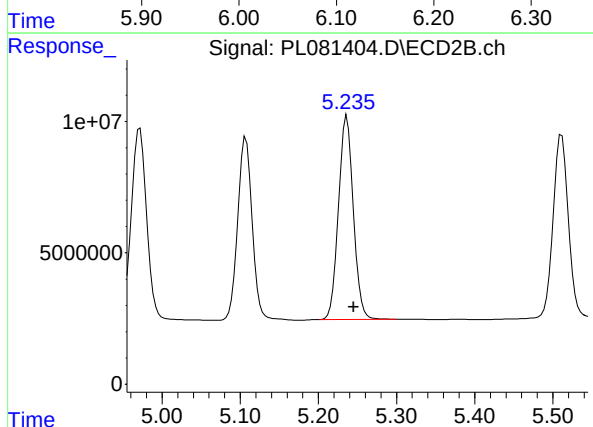
#13 Dieldrin

R.T.: 6.116 min
Delta R.T.: 0.002 min
Response: 100115247
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151351BS

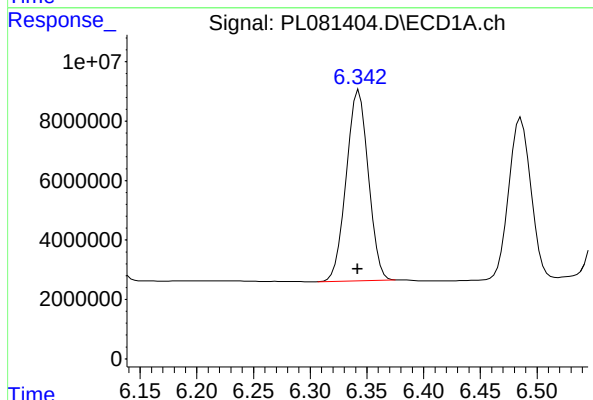
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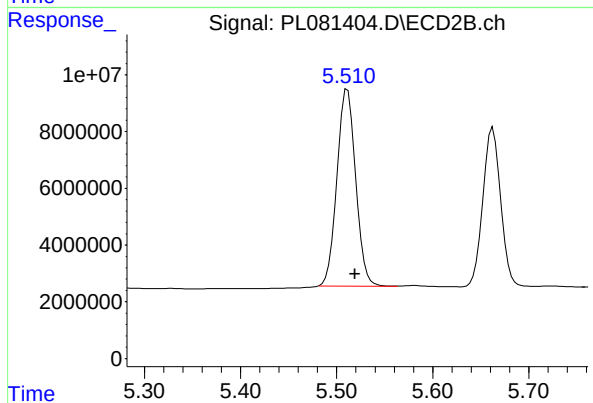
#13 Dieldrin

R.T.: 5.236 min
Delta R.T.: -0.008 min
Response: 102710177
Conc: 45.56 ng/ml



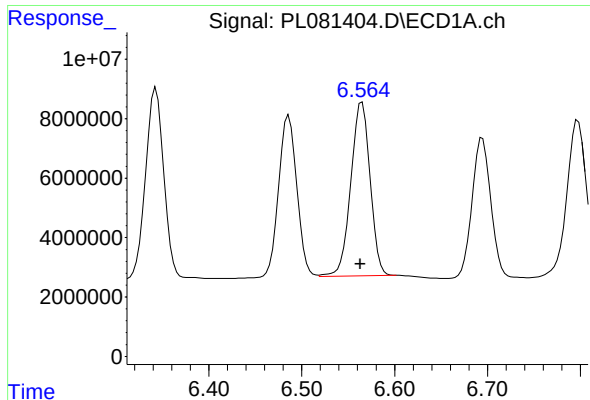
#14 Endrin

R.T.: 6.343 min
Delta R.T.: 0.001 min
Response: 86916460
Conc: 47.82 ng/ml



#14 Endrin

R.T.: 5.511 min
Delta R.T.: -0.008 min
Response: 92992460
Conc: 46.27 ng/ml



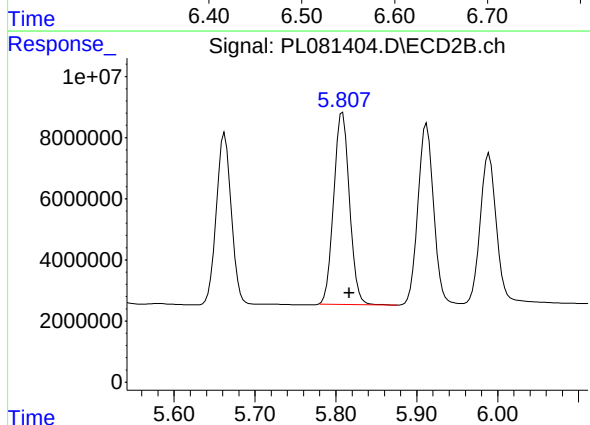
#15 Endosulfan II

R.T.: 6.565 min
Delta R.T.: 0.002 min
Response: 84678956
Conc: 48.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151351BS

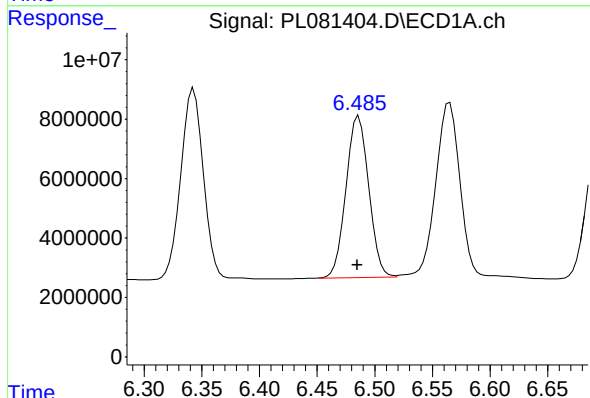
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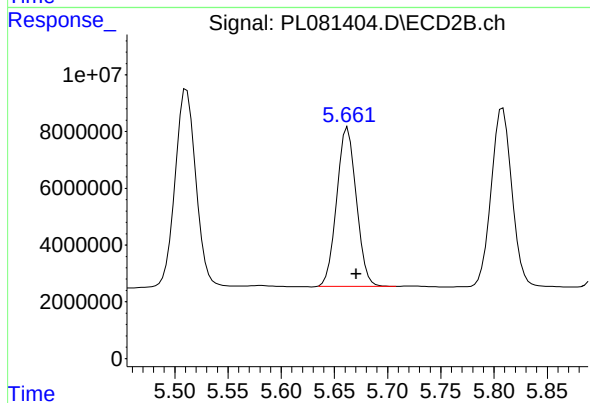
#15 Endosulfan II

R.T.: 5.808 min
Delta R.T.: -0.008 min
Response: 84947566
Conc: 46.07 ng/ml



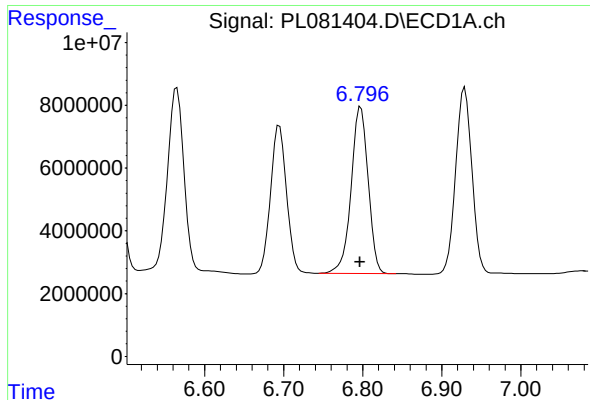
#16 4,4'-DDD

R.T.: 6.486 min
Delta R.T.: 0.001 min
Response: 74282600
Conc: 48.26 ng/ml



#16 4,4'-DDD

R.T.: 5.663 min
Delta R.T.: -0.008 min
Response: 71514616
Conc: 46.62 ng/ml



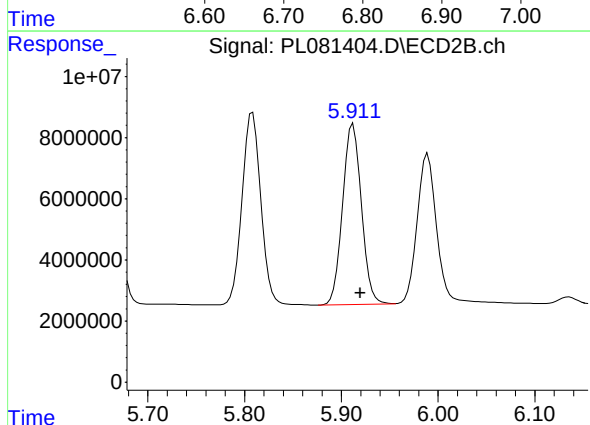
#17 4,4'-DDT

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 79451824
Conc: 50.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151351BS

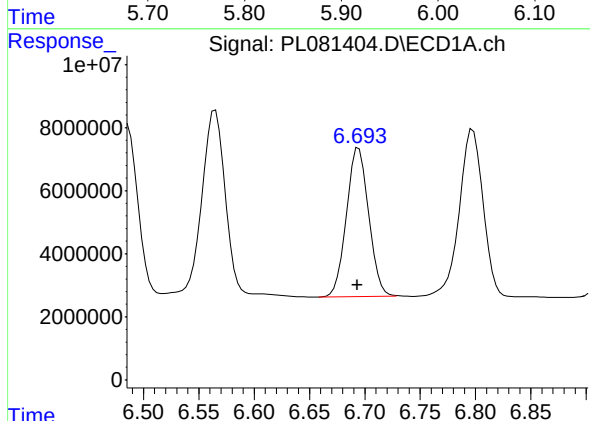
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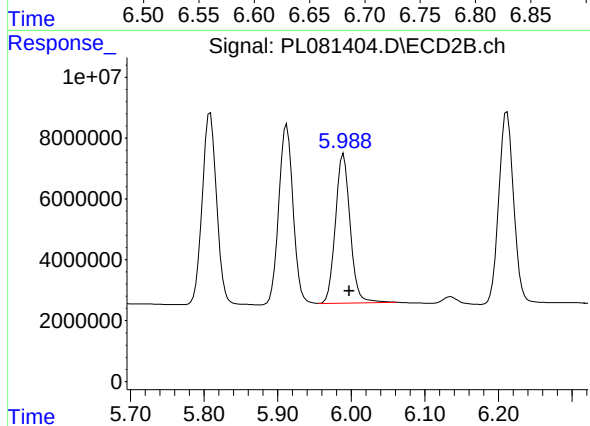
#17 4,4'-DDT

R.T.: 5.912 min
Delta R.T.: -0.007 min
Response: 79783596
Conc: 49.73 ng/ml



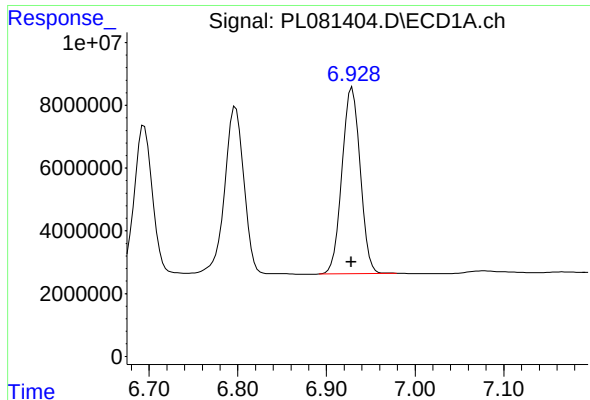
#18 Endrin aldehyde

R.T.: 6.693 min
Delta R.T.: 0.000 min
Response: 65948446
Conc: 46.07 ng/ml m



#18 Endrin aldehyde

R.T.: 5.989 min
Delta R.T.: -0.008 min
Response: 68412520
Conc: 45.16 ng/ml



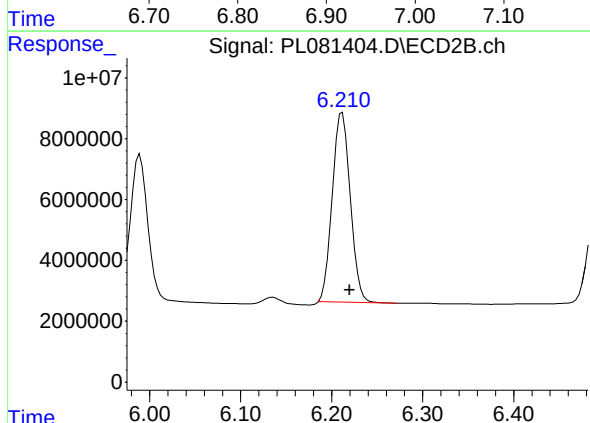
#19 Endosulfan Sulfate

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 84764460
Conc: 47.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151351BS

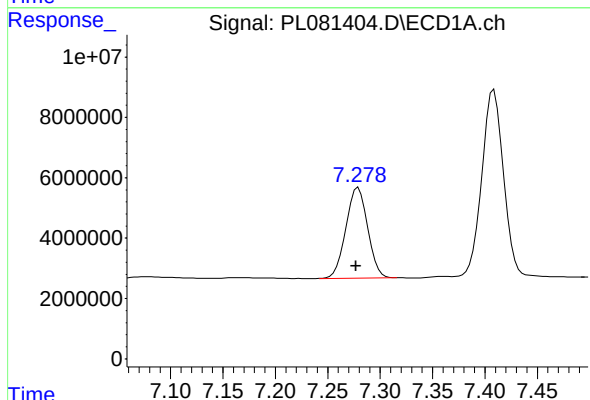
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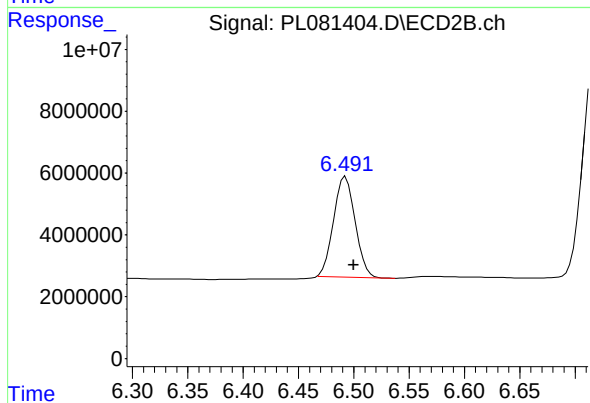
#19 Endosulfan Sulfate

R.T.: 6.212 min
Delta R.T.: -0.008 min
Response: 85304164
Conc: 44.38 ng/ml



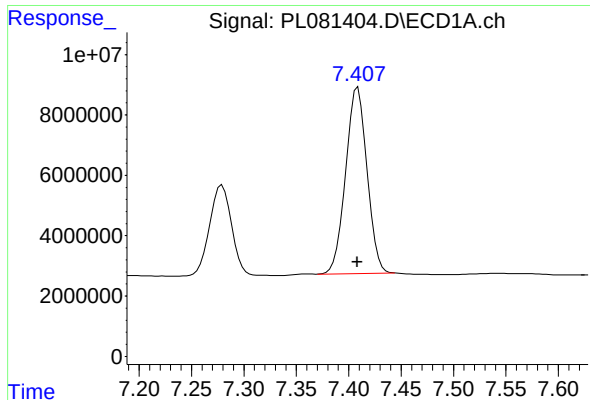
#20 Methoxychlor

R.T.: 7.279 min
Delta R.T.: 0.002 min
Response: 43610753
Conc: 50.63 ng/ml



#20 Methoxychlor

R.T.: 6.493 min
Delta R.T.: -0.007 min
Response: 44182539
Conc: 47.61 ng/ml



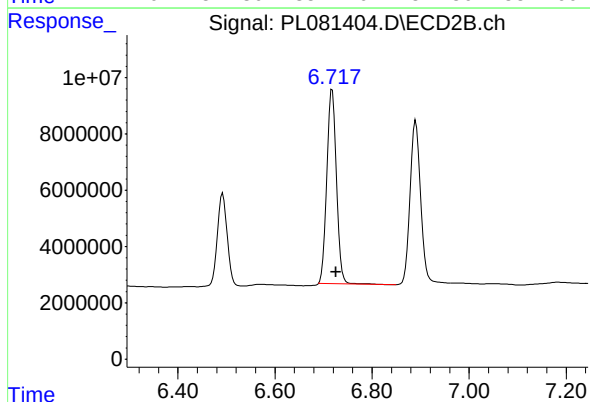
#21 Endrin ketone

R.T.: 7.409 min
Delta R.T.: 0.000 min
Response: 88051089
Conc: 48.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151351BS

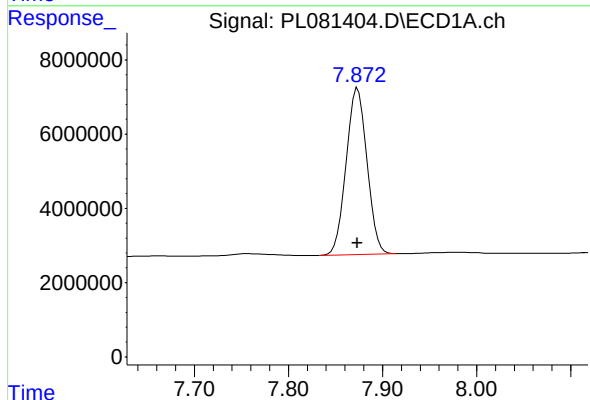
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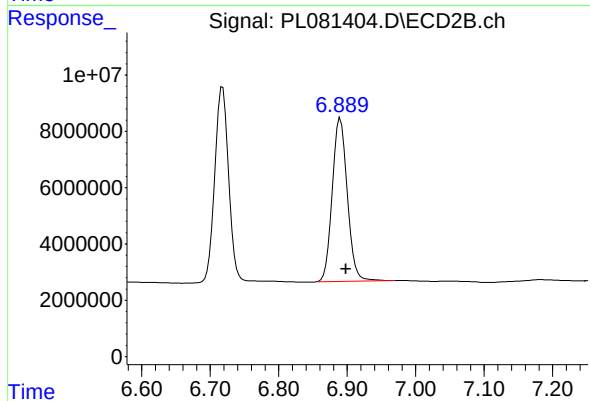
#21 Endrin ketone

R.T.: 6.718 min
Delta R.T.: -0.008 min
Response: 96490635
Conc: 44.81 ng/ml



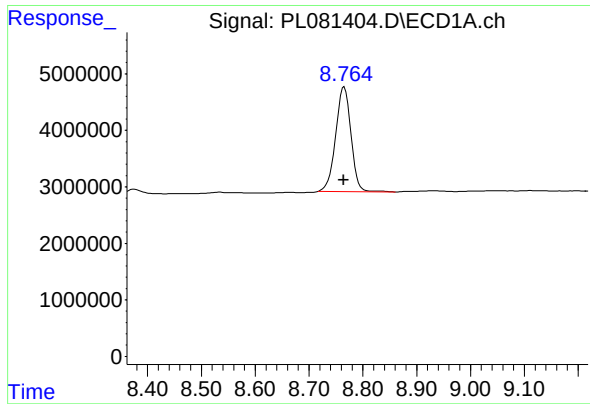
#22 Mirex

R.T.: 7.874 min
Delta R.T.: 0.000 min
Response: 69163239
Conc: 47.40 ng/ml



#22 Mirex

R.T.: 6.890 min
Delta R.T.: -0.008 min
Response: 88511008
Conc: 45.99 ng/ml



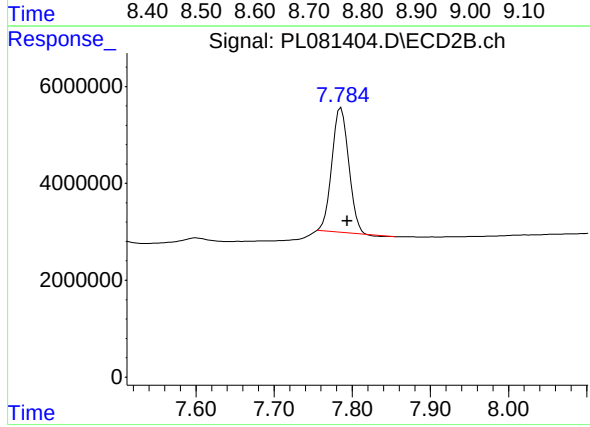
#28 Decachlorobiphenyl

R.T.: 8.765 min
Delta R.T.: 0.001 min
Response: 36616456
Conc: 24.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151351BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/13/2023
Supervised By :Ankita Jodhani 03/13/2023



#28 Decachlorobiphenyl

R.T.: 7.786 min
Delta R.T.: -0.008 min
Response: 38043146
Conc: 19.86 ng/ml