

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031023\
 Data File : PL081418.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2023 19:37
 Operator : AR\AJ
 Sample : PB151331BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB151331BS

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 21:33:17 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...	3.332	2.663	50272006	45042008	23.268	22.256
28) SA Decachlor...	8.757	7.785	40306642	48769117	26.439	25.460
Target Compounds						
2) A alpha-BHC	3.782	3.163	150.1E6	135.6E6	47.178	46.269
3) MA gamma-BHC...	4.110	3.491	141.1E6	128.0E6	47.702	46.514
4) MA Heptachlor	4.690	3.825	135.8E6	132.7E6	49.214	48.104
5) MB Aldrin	5.027	4.102	124.2E6	123.3E6	48.825	47.038
6) B beta-BHC	4.313	3.790	62286307	52729246	45.250	45.432
7) B delta-BHC	4.554	4.017	132.8E6	118.6E6	47.800	46.568
8) B Heptachlo...	5.453	4.604	116.9E6	115.6E6	49.542	47.801
9) A Endosulfan I	5.834	4.972	104.6E6	106.7E6	49.526	47.118
10) B gamma-Chl...	5.708	4.853	117.5E6	116.1E6	51.499	47.411
11) B alpha-Chl...	5.786	4.917	112.5E6	115.6E6	49.914	47.203
12) B 4,4'-DDE	5.964	5.107	96591407	96391367	49.367	49.108
13) MA Dieldrin	6.109	5.237	102.5E6	108.9E6	48.988	48.315
14) MA Endrin	6.336	5.511	90510824	98033610	49.800	48.782
15) B Endosulfa...	6.558	5.808	85419858	89915121	48.993	48.768
16) A 4,4'-DDD	6.479	5.662	77108846	76620519	50.091	49.945
17) MA 4,4'-DDT	6.791	5.912	82556283	84773614	52.010	52.841
18) B Endrin al...	6.686	5.988	69281187	73032896	48.403m	48.205
19) B Endosulfa...	6.922	6.211	87671636	89884104	48.829	46.765
20) A Methoxychlor	7.272	6.492	44154312	45513750	51.261	49.040
21) B Endrin ke...	7.402	6.717	90277720	97456493	49.767	45.264
22) Mirex	7.868	6.889	71687323	91619951	49.131	47.604

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031023\
Data File : PL081418.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Mar 2023 19:37
Operator : AR\AJ
Sample : PB151331BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

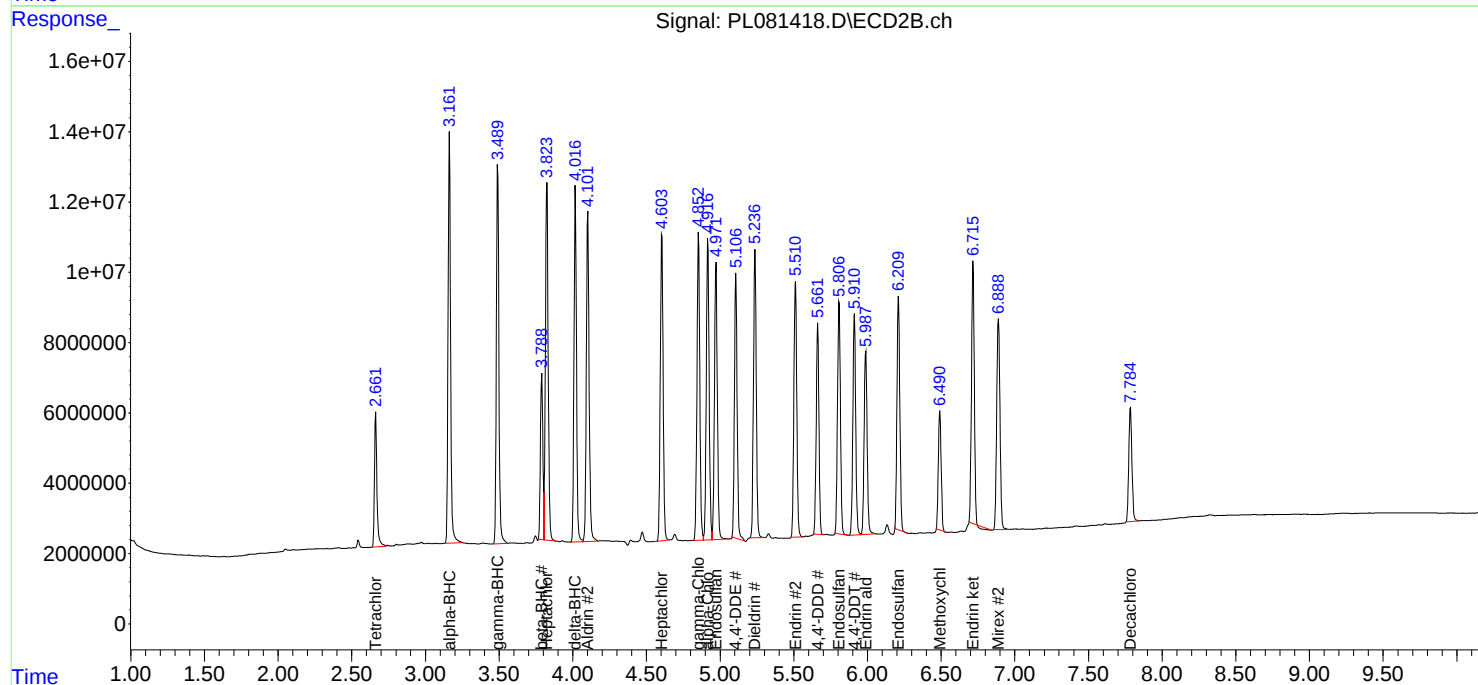
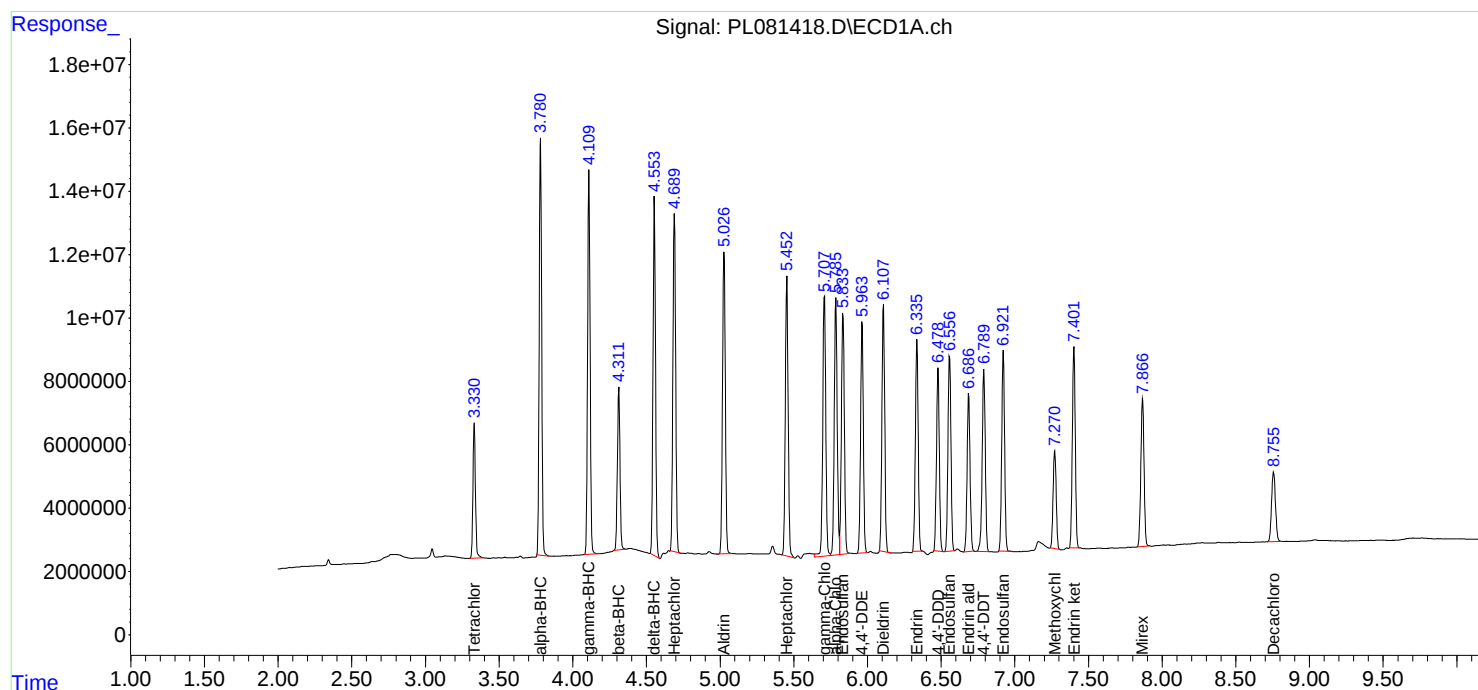
Instrument :
ECD_L
ClientSampleId :
PB151331BS

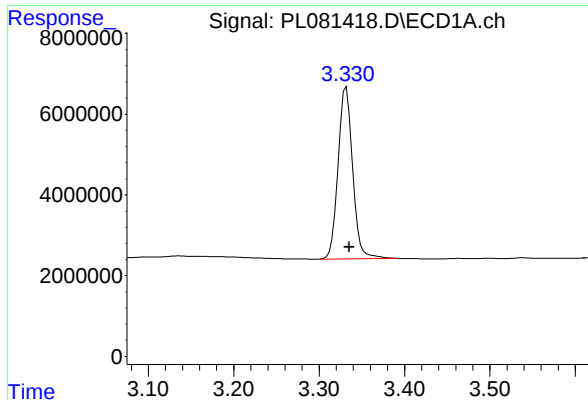
Manual Integrations
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Supervised By :Ankita Jodhani 03/13/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 10 21:33:17 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





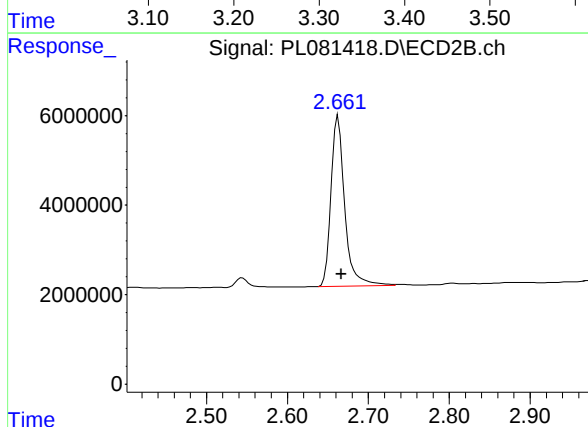
#1 Tetrachloro-m-xylene

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 50272006
Conc: 23.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151331BS

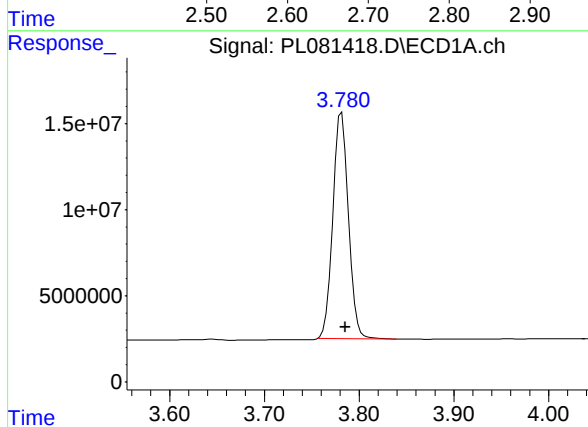
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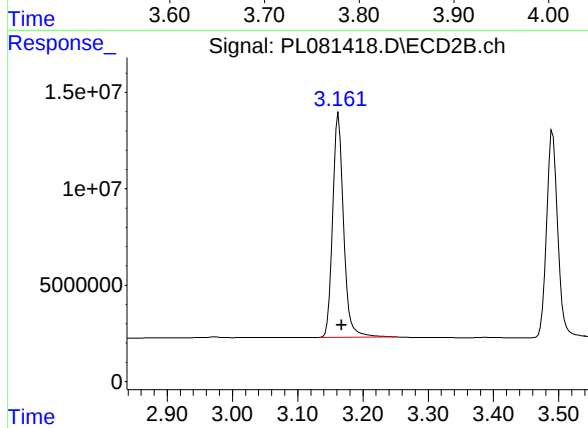
#1 Tetrachloro-m-xylene

R.T.: 2.663 min
Delta R.T.: -0.004 min
Response: 45042008
Conc: 22.26 ng/ml



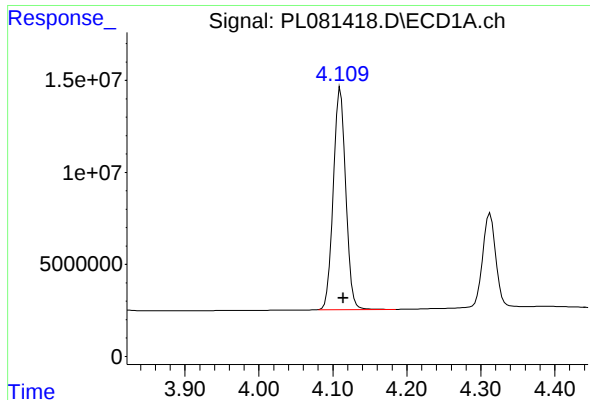
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.004 min
Response: 150086271
Conc: 47.18 ng/ml



#2 alpha-BHC

R.T.: 3.163 min
Delta R.T.: -0.005 min
Response: 135598666
Conc: 46.27 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.110 min
Delta R.T.: -0.004 min
Response: 141129745
Conc: 47.70 ng/ml

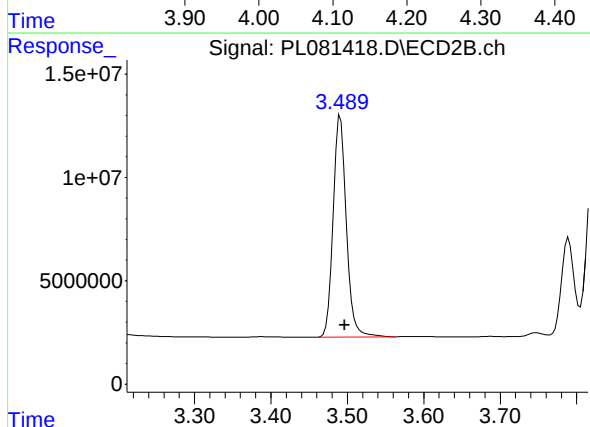
Instrument :

ECD_L

ClientSampleId :
PB151331BS

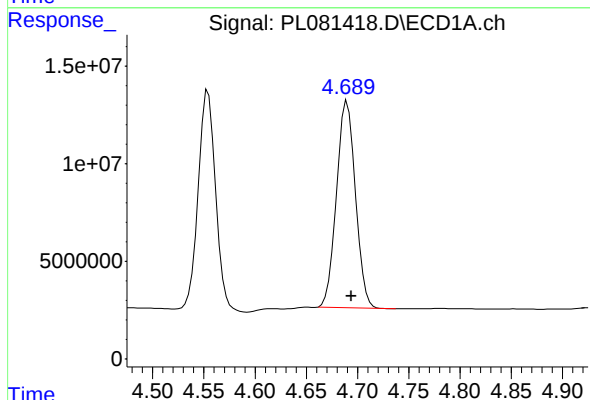
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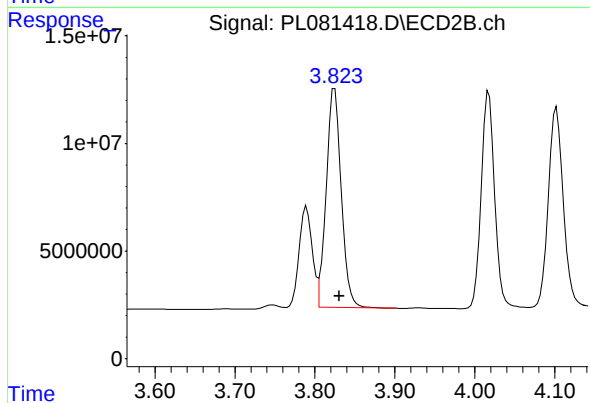
#3 gamma-BHC (Lindane)

R.T.: 3.491 min
Delta R.T.: -0.006 min
Response: 127964196
Conc: 46.51 ng/ml



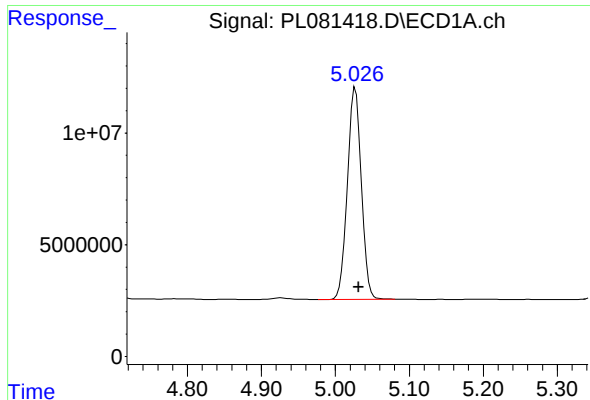
#4 Heptachlor

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 135799321
Conc: 49.21 ng/ml



#4 Heptachlor

R.T.: 3.825 min
Delta R.T.: -0.006 min
Response: 132744751
Conc: 48.10 ng/ml



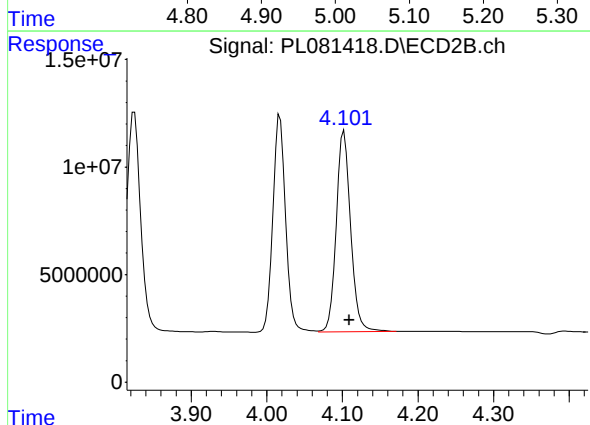
#5 Aldrin

R.T.: 5.027 min
Delta R.T.: -0.005 min
Response: 124217698
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151331BS

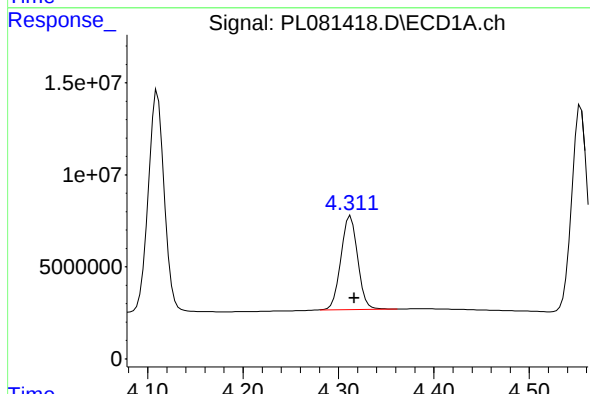
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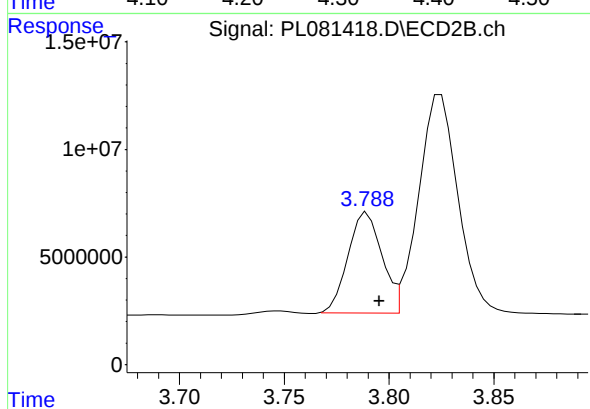
#5 Aldrin

R.T.: 4.102 min
Delta R.T.: -0.007 min
Response: 123320587
Conc: 47.04 ng/ml



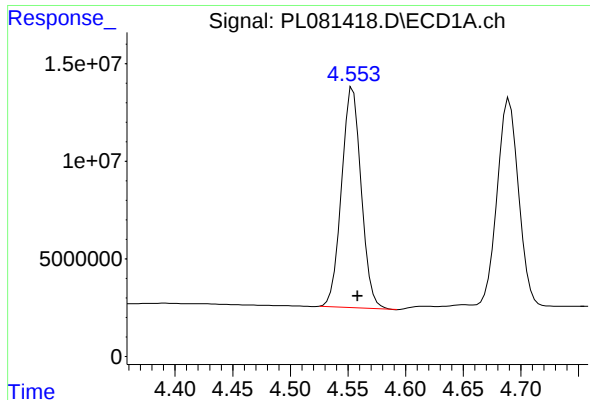
#6 beta-BHC

R.T.: 4.313 min
Delta R.T.: -0.004 min
Response: 62286307
Conc: 45.25 ng/ml



#6 beta-BHC

R.T.: 3.790 min
Delta R.T.: -0.006 min
Response: 52729246
Conc: 45.43 ng/ml



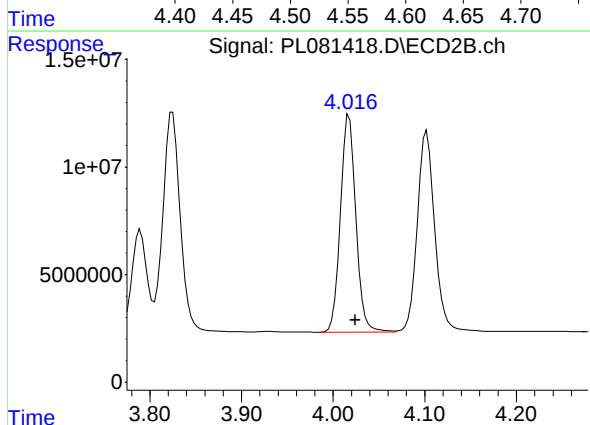
#7 delta-BHC

R.T.: 4.554 min
Delta R.T.: -0.004 min
Response: 132843954
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151331BS

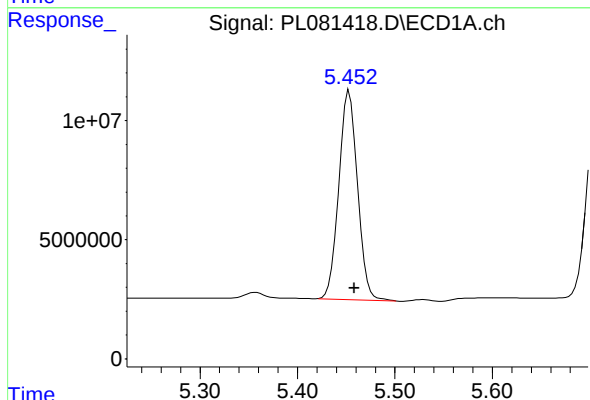
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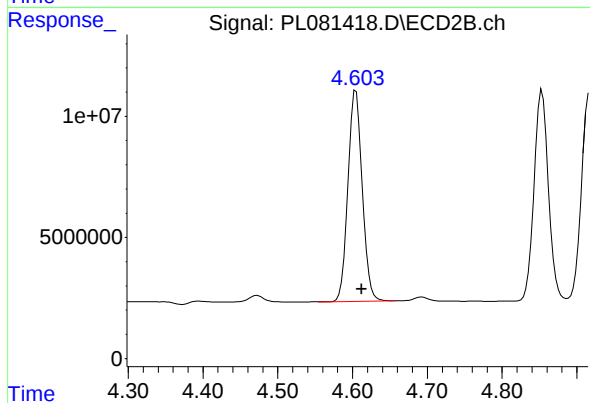
#7 delta-BHC

R.T.: 4.017 min
Delta R.T.: -0.007 min
Response: 118593417
Conc: 46.57 ng/ml



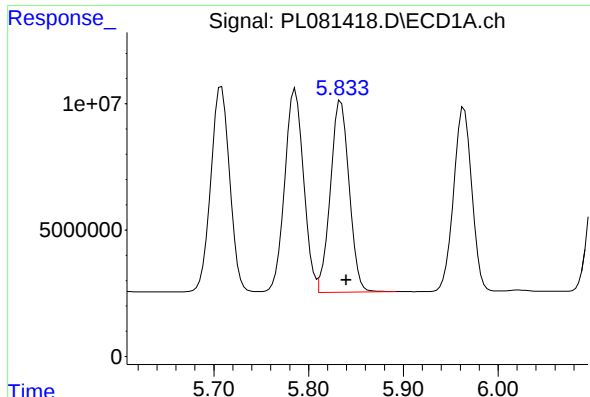
#8 Heptachlor epoxide

R.T.: 5.453 min
Delta R.T.: -0.005 min
Response: 116918997
Conc: 49.54 ng/ml



#8 Heptachlor epoxide

R.T.: 4.604 min
Delta R.T.: -0.008 min
Response: 115586533
Conc: 47.80 ng/ml



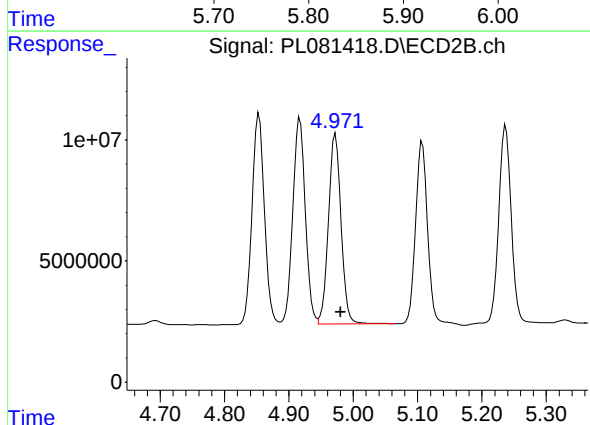
#9 Endosulfan I

R.T.: 5.834 min
Delta R.T.: -0.006 min
Response: 104634169
Conc: 49.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151331BS

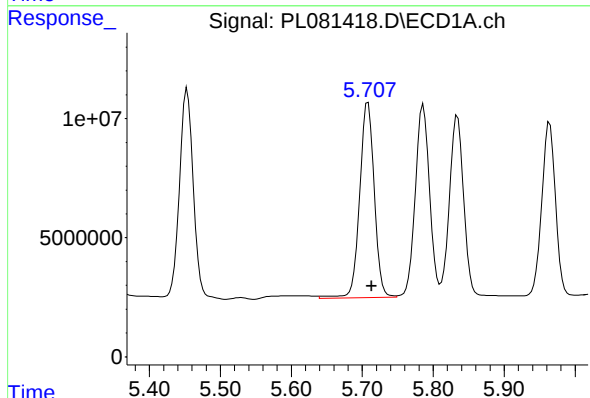
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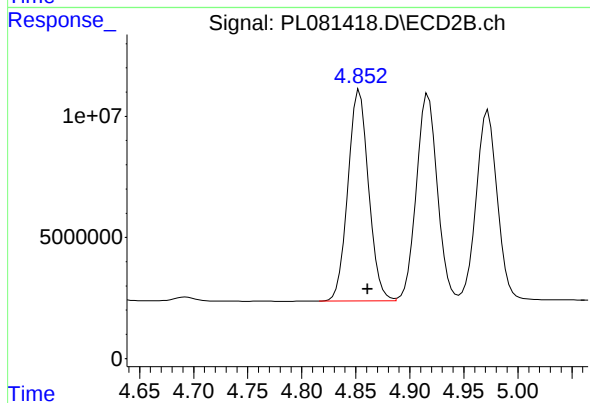
#9 Endosulfan I

R.T.: 4.972 min
Delta R.T.: -0.008 min
Response: 106658787
Conc: 47.12 ng/ml



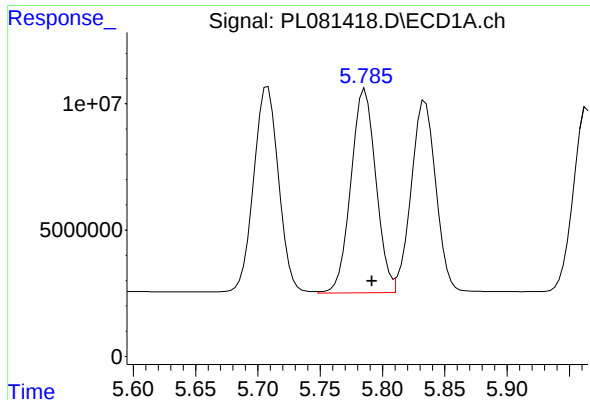
#10 gamma-Chlordane

R.T.: 5.708 min
Delta R.T.: -0.005 min
Response: 117515354
Conc: 51.50 ng/ml



#10 gamma-Chlordane

R.T.: 4.853 min
Delta R.T.: -0.008 min
Response: 116051100
Conc: 47.41 ng/ml



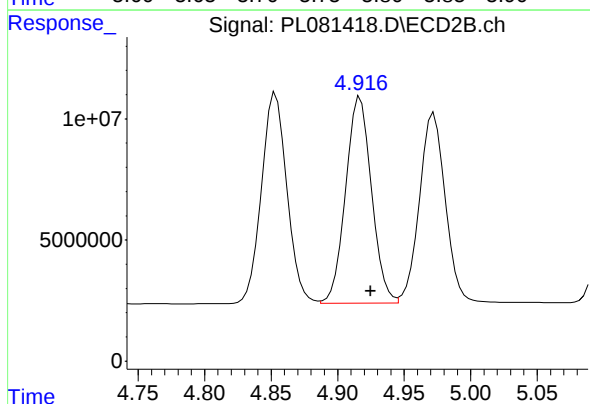
#11 alpha-Chlordane

R.T.: 5.786 min
Delta R.T.: -0.005 min
Response: 112453789
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151331BS

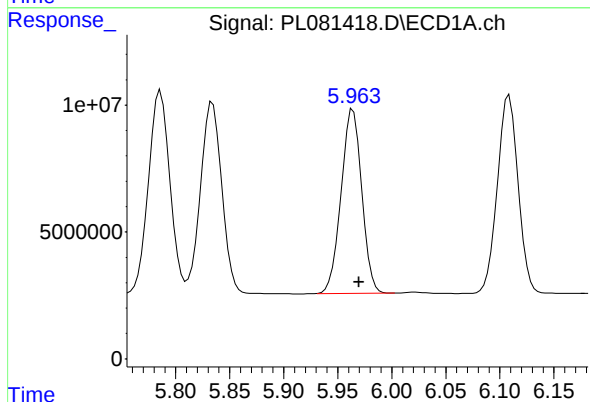
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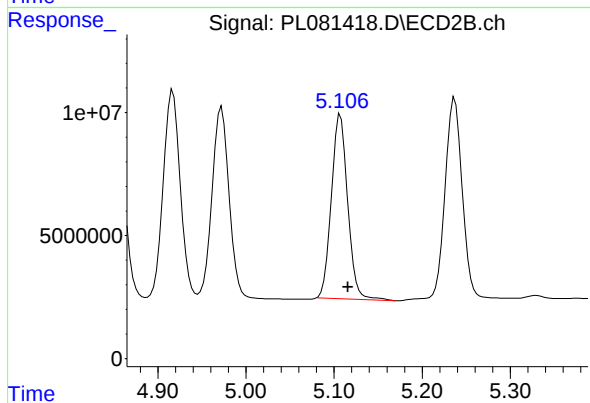
#11 alpha-Chlordane

R.T.: 4.917 min
Delta R.T.: -0.008 min
Response: 115580090
Conc: 47.20 ng/ml



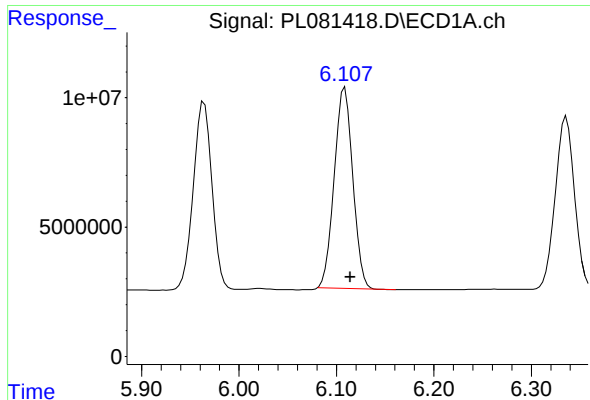
#12 4,4'-DDE

R.T.: 5.964 min
Delta R.T.: -0.005 min
Response: 96591407
Conc: 49.37 ng/ml



#12 4,4'-DDE

R.T.: 5.107 min
Delta R.T.: -0.008 min
Response: 96391367
Conc: 49.11 ng/ml



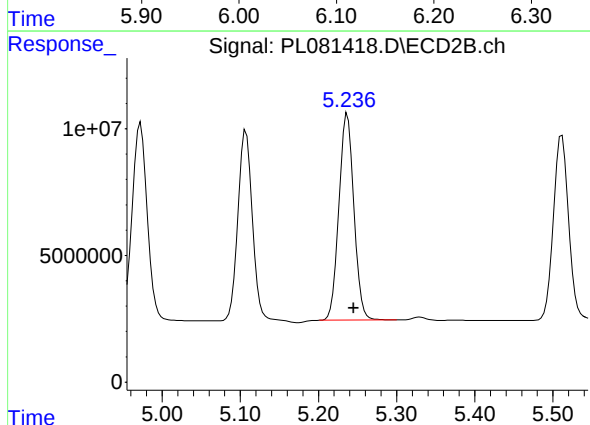
#13 Dieldrin

R.T.: 6.109 min
Delta R.T.: -0.006 min
Response: 102531156
Conc: 48.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151331BS

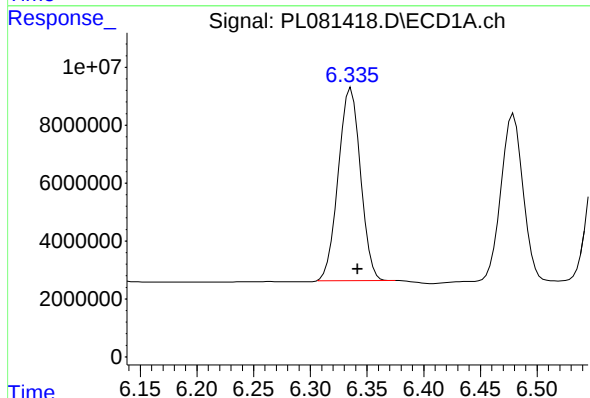
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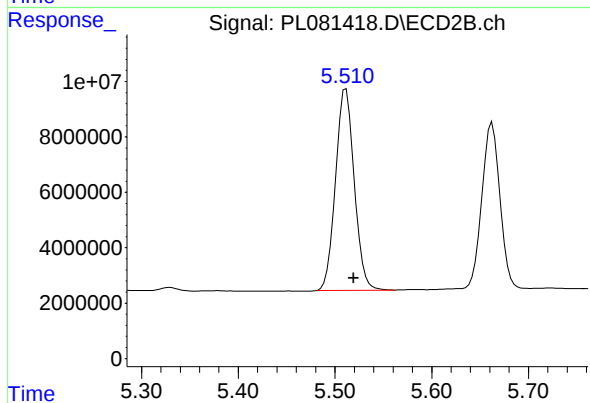
#13 Dieldrin

R.T.: 5.237 min
Delta R.T.: -0.008 min
Response: 108919850
Conc: 48.32 ng/ml



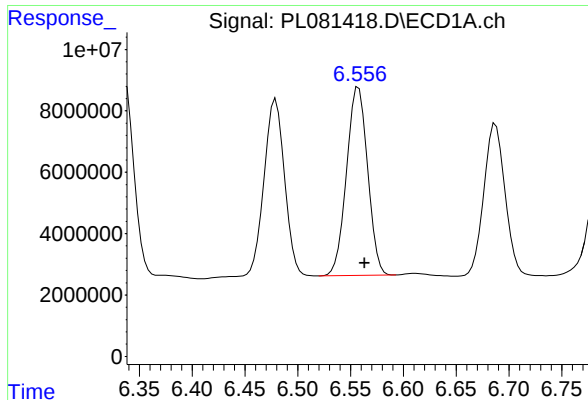
#14 Endrin

R.T.: 6.336 min
Delta R.T.: -0.006 min
Response: 90510824
Conc: 49.80 ng/ml



#14 Endrin

R.T.: 5.511 min
Delta R.T.: -0.008 min
Response: 98033610
Conc: 48.78 ng/ml



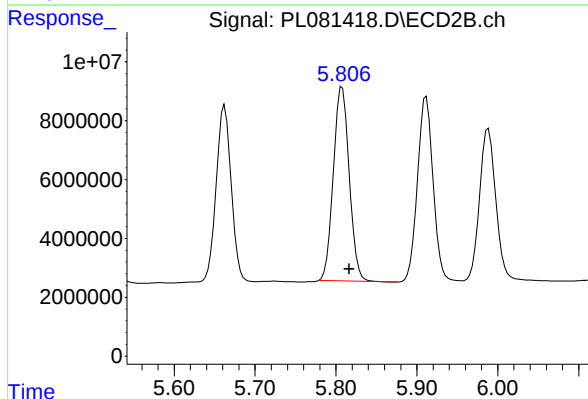
#15 Endosulfan II

R.T.: 6.558 min
Delta R.T.: -0.005 min
Response: 85419858
Conc: 48.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151331BS

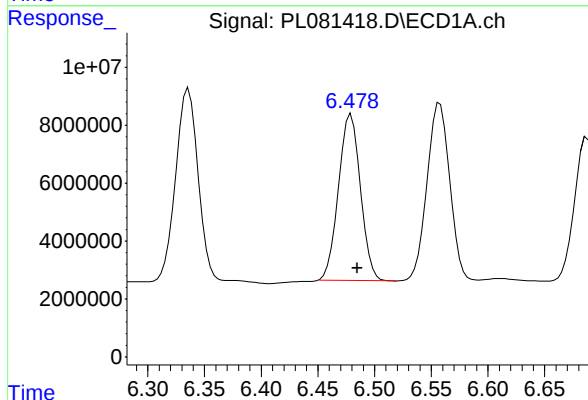
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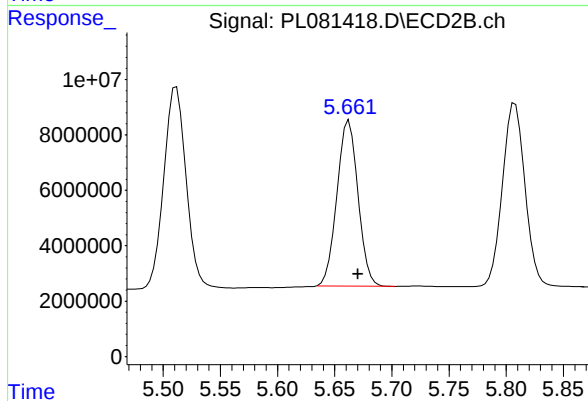
#15 Endosulfan II

R.T.: 5.808 min
Delta R.T.: -0.009 min
Response: 89915121
Conc: 48.77 ng/ml



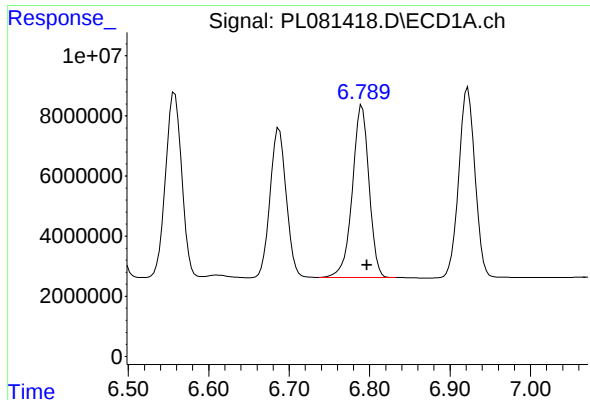
#16 4,4'-DDD

R.T.: 6.479 min
Delta R.T.: -0.005 min
Response: 77108846
Conc: 50.09 ng/ml



#16 4,4'-DDD

R.T.: 5.662 min
Delta R.T.: -0.008 min
Response: 76620519
Conc: 49.94 ng/ml



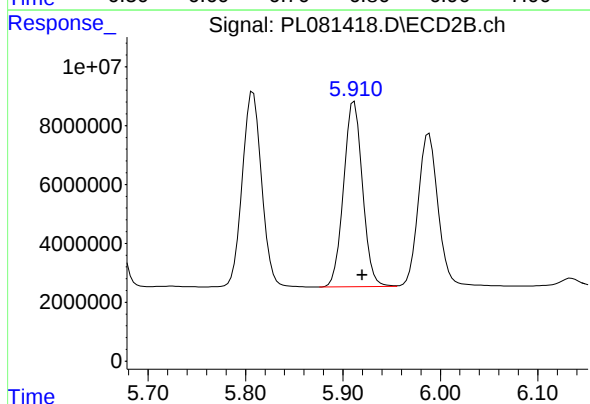
#17 4,4'-DDT

R.T.: 6.791 min
Delta R.T.: -0.006 min
Response: 82556283
Conc: 52.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151331BS

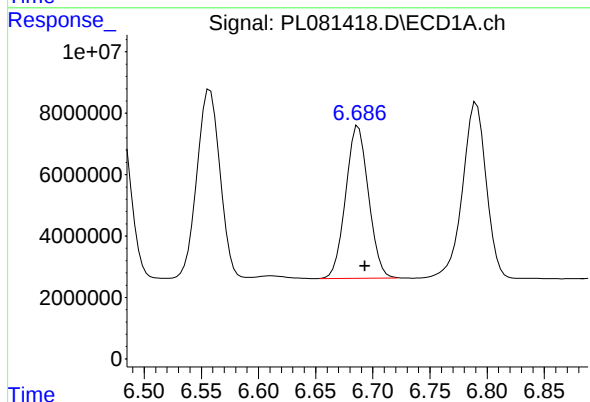
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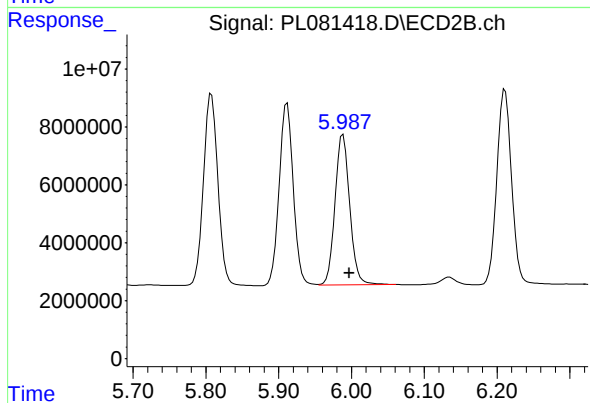
#17 4,4'-DDT

R.T.: 5.912 min
Delta R.T.: -0.008 min
Response: 84773614
Conc: 52.84 ng/ml



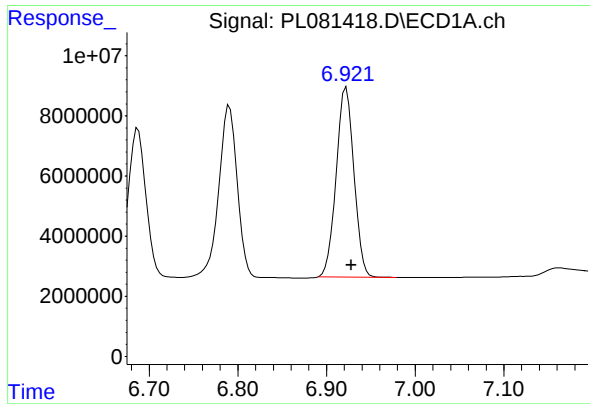
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: -0.007 min
Response: 69281187
Conc: 48.40 ng/ml m



#18 Endrin aldehyde

R.T.: 5.988 min
Delta R.T.: -0.009 min
Response: 73032896
Conc: 48.21 ng/ml



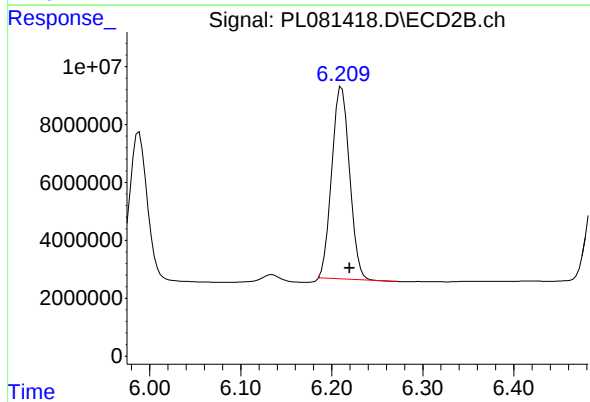
#19 Endosulfan Sulfate

R.T.: 6.922 min
Delta R.T.: -0.006 min
Response: 87671636
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151331BS

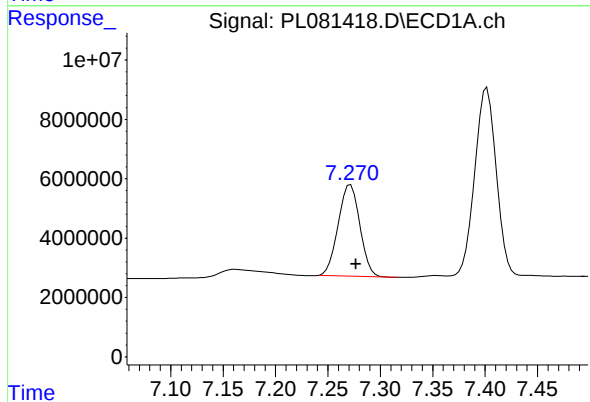
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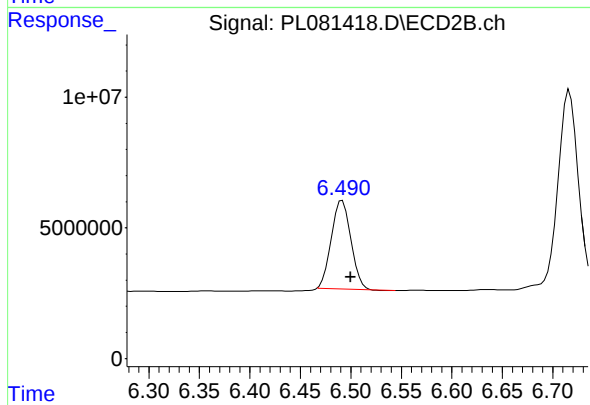
#19 Endosulfan Sulfate

R.T.: 6.211 min
Delta R.T.: -0.009 min
Response: 89884104
Conc: 46.76 ng/ml



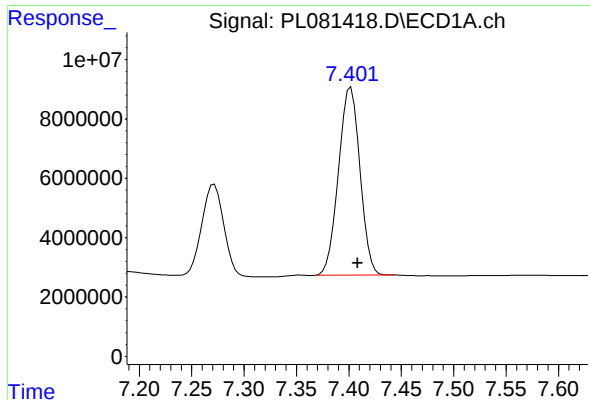
#20 Methoxychlor

R.T.: 7.272 min
Delta R.T.: -0.005 min
Response: 44154312
Conc: 51.26 ng/ml



#20 Methoxychlor

R.T.: 6.492 min
Delta R.T.: -0.008 min
Response: 45513750
Conc: 49.04 ng/ml



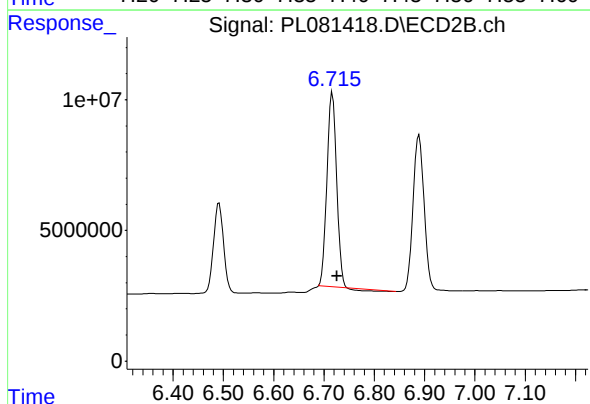
#21 Endrin ketone

R.T.: 7.402 min
Delta R.T.: -0.006 min
Response: 90277720
Conc: 49.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151331BS

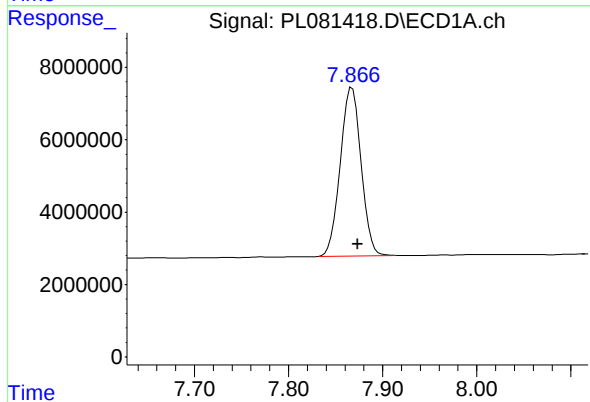
Manual Integrations
APPROVED

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



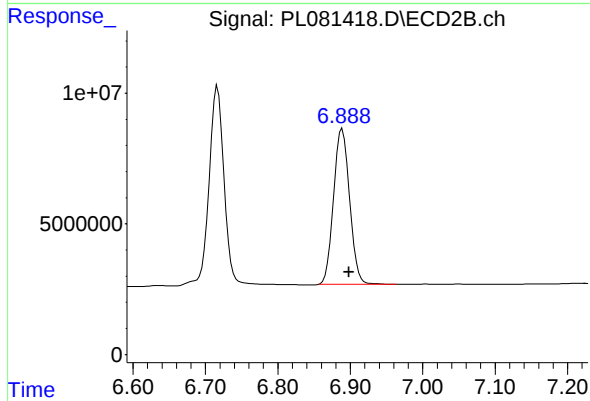
#21 Endrin ketone

R.T.: 6.717 min
Delta R.T.: -0.009 min
Response: 97456493
Conc: 45.26 ng/ml



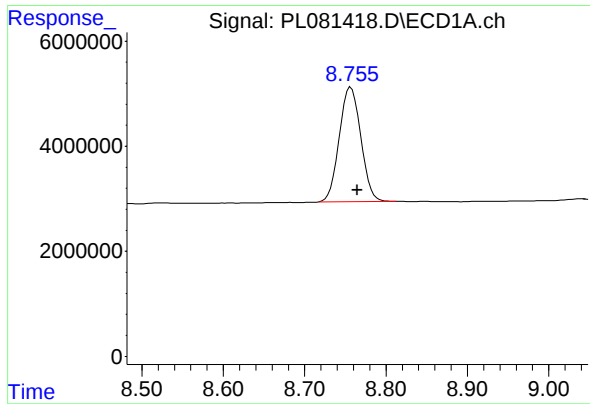
#22 Mirex

R.T.: 7.868 min
Delta R.T.: -0.006 min
Response: 71687323
Conc: 49.13 ng/ml



#22 Mirex

R.T.: 6.889 min
Delta R.T.: -0.009 min
Response: 91619951
Conc: 47.60 ng/ml



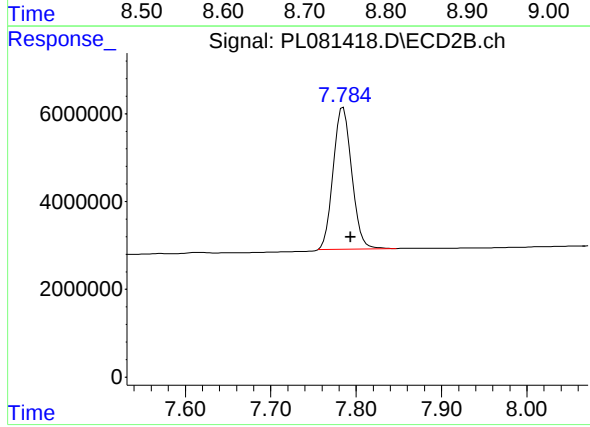
#28 Decachlorobiphenyl

R.T.: 8.757 min
Delta R.T.: -0.008 min
Response: 40306642
Conc: 26.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB151331BS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 03/13/2023



#28 Decachlorobiphenyl

R.T.: 7.785 min
Delta R.T.: -0.009 min
Response: 48769117
Conc: 25.46 ng/ml