

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121223\
 Data File : PL087091.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2023 14:02
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDICC005

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/13/2023
 Supervised By : Ankita Jodhani 12/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 15:27:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 15:24:13 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...	3.453	2.702	19047719	4969007	5.221	5.031
28)	SA Decachlor...	9.049	7.900	17704808	5844006	5.849	5.683
Target Compounds							
2)	A alpha-BHC	3.912	3.209	24027770	5626219	4.574	4.260
3)	MA gamma-BHC...	4.247	3.541	23468608	5905087	4.778	4.510
4)	MA Heptachlor	4.843	3.885	26001523	6247695	5.130	4.812
5)	MB Aldrin	5.186	4.165	23945543	5519938	4.995	4.499
6)	B beta-BHC	4.449	3.843	11630937	3151316	5.536	5.282
7)	B delta-BHC	4.695	4.072	22112951	5557644	4.834	4.331
8)	B Heptachlo...	5.617	4.674	20740425	5677192	4.893m	4.920
9)	A Endosulfan I	6.007	5.044	21278943	7161633	5.274	5.914m
10)	B gamma-Chl...	5.879	4.926	21826025	6382585	5.087	5.201m
11)	B alpha-Chl...	5.960	4.991	22058486	7106914	5.158	5.644m
12)	B 4,4'-DDE	6.143	5.190	16295527	4842030	4.978	4.658
13)	MA Dieldrin	6.287	5.313	20125292	5599387	4.938	4.812
14)	MA Endrin	6.517	5.588	16863789	4897768	5.062	4.790
15)	B Endosulfa...	6.742	5.886	22922982	5280218	6.326	5.395
16)	A 4,4'-DDD	6.667	5.749	11769295	3724468	4.837	4.492
17)	MA 4,4'-DDT	6.987	6.003	14185233	4131210	5.021	4.709
18)	B Endrin al...	6.874	6.068	12415504	5366560	5.274	6.639m#
19)	B Endosulfa...	7.112	6.294	17330571	4890280	5.272	5.234
20)	A Methoxychlor	7.479	6.589	7469556	2982950	5.108	5.471
21)	B Endrin ke...	7.600	6.798	16098315	5473040	4.962	5.099m
22)	Mirex	8.079	6.982	16565185	5545789	5.629	5.901

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121223\
 Data File : PL087091.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Dec 2023 14:02
 Operator : AR\AJ
 Sample : PSTDICC005
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDICC005

Manual Integrations

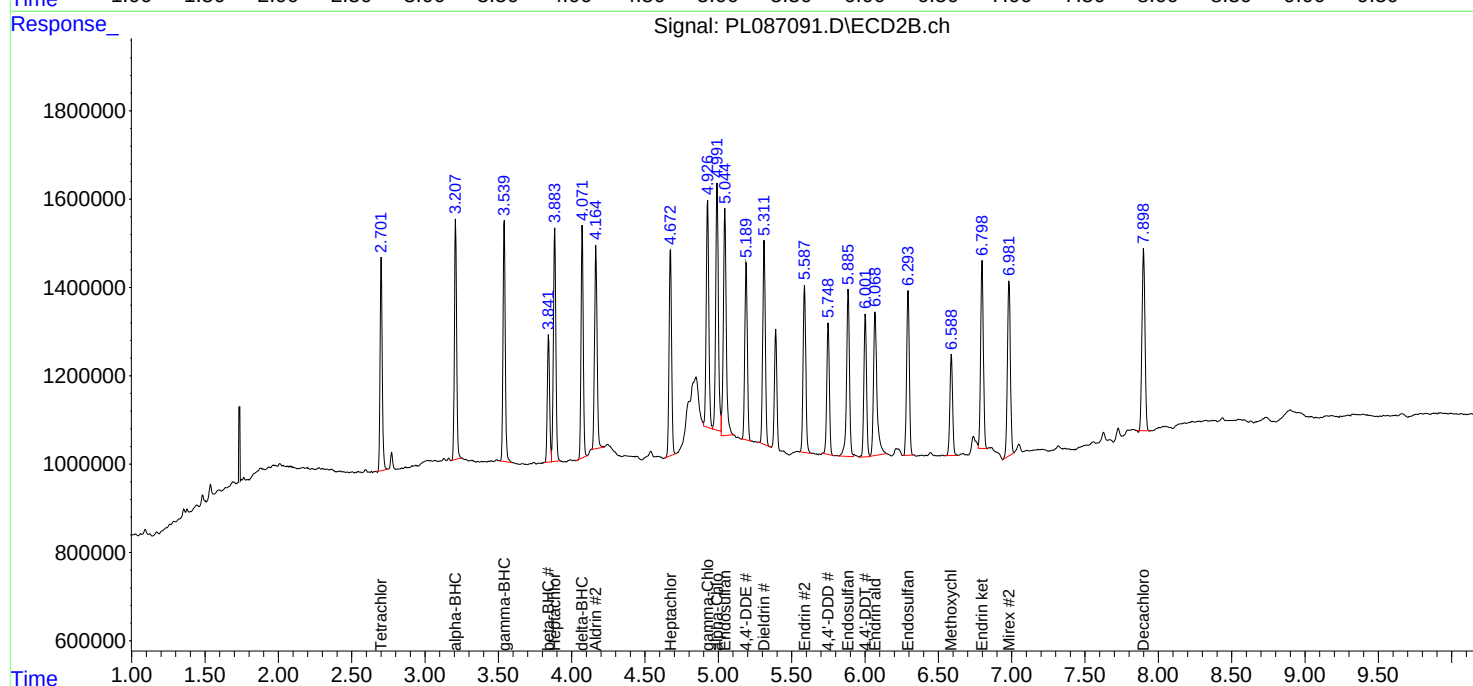
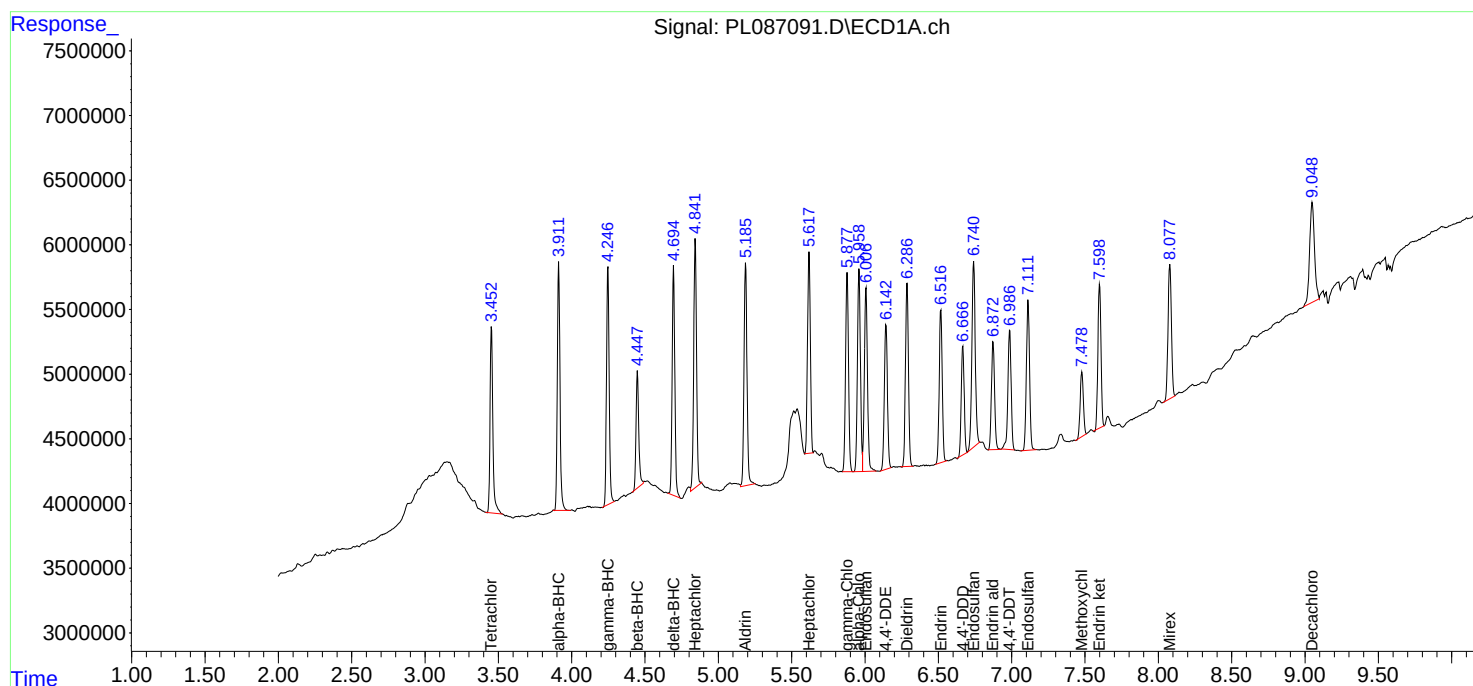
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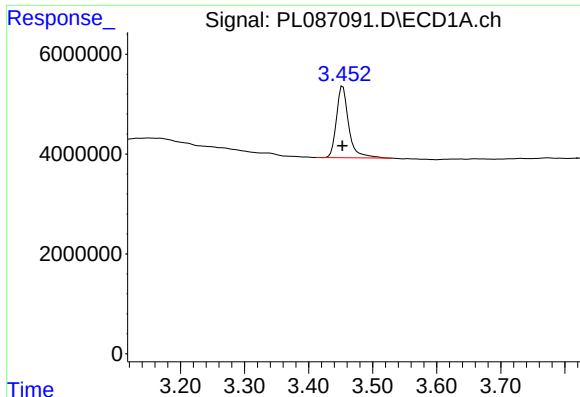
Reviewed By :Abdul Mirza 12/13/2023

Supervised By :Ankita Jodhani 12/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 12 15:27:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 15:24:13 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





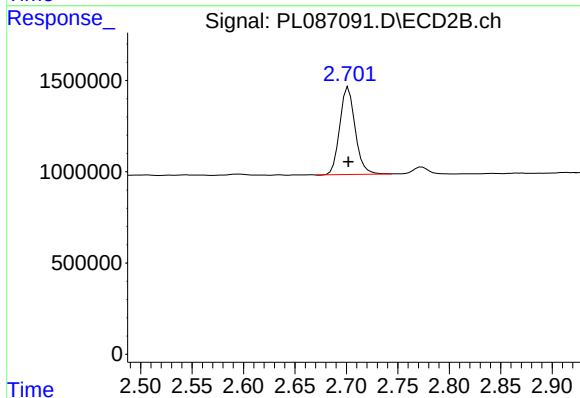
#1 Tetrachloro-m-xylene

R.T.: 3.453 min
Delta R.T.: 0.000 min
Response: 19047719
Conc: 5.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

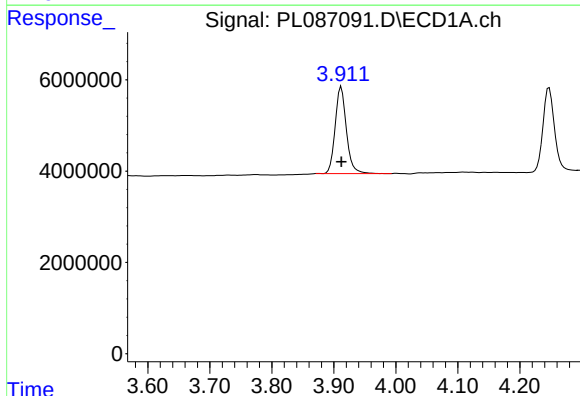
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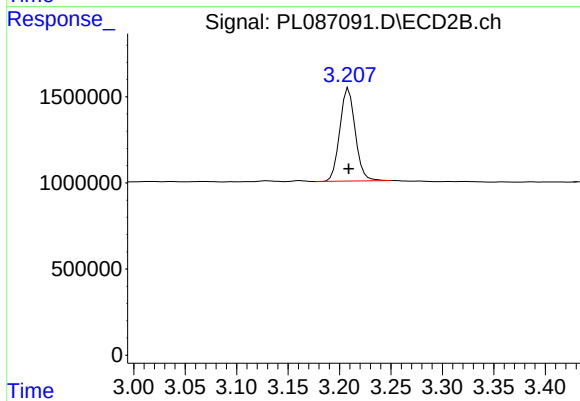
#1 Tetrachloro-m-xylene

R.T.: 2.702 min
Delta R.T.: 0.000 min
Response: 4969007
Conc: 5.03 ng/ml



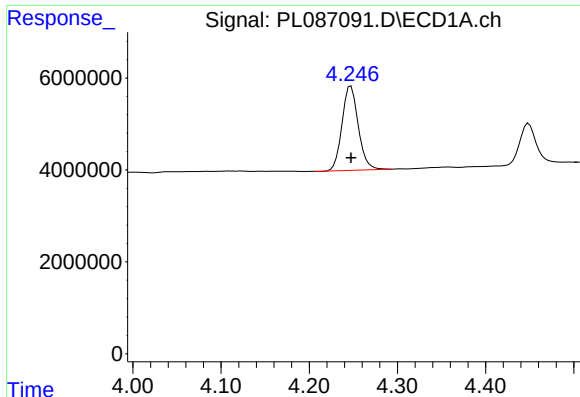
#2 alpha-BHC

R.T.: 3.912 min
Delta R.T.: 0.000 min
Response: 24027770
Conc: 4.57 ng/ml



#2 alpha-BHC

R.T.: 3.209 min
Delta R.T.: 0.000 min
Response: 5626219
Conc: 4.26 ng/ml



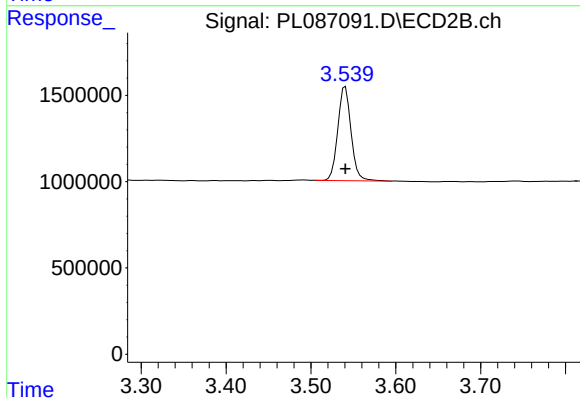
#3 gamma-BHC (Lindane)

R.T.: 4.247 min
Delta R.T.: 0.000 min
Response: 23468608
Conc: 4.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

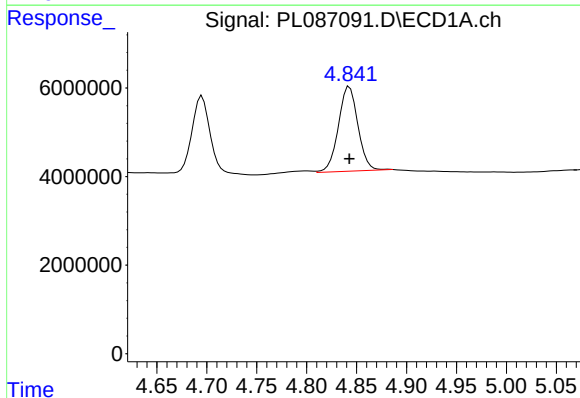
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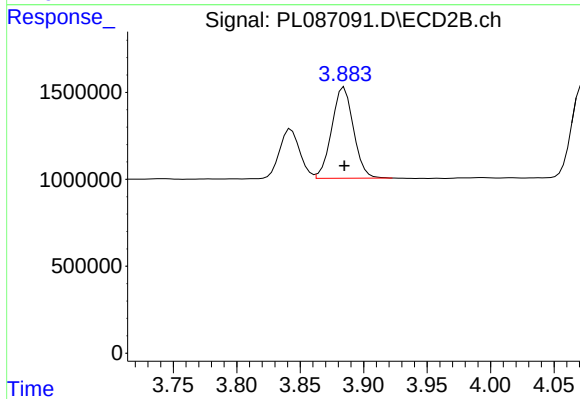
#3 gamma-BHC (Lindane)

R.T.: 3.541 min
Delta R.T.: 0.000 min
Response: 5905087
Conc: 4.51 ng/ml



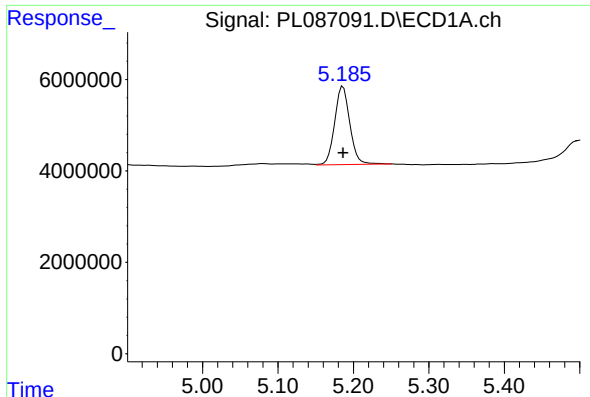
#4 Heptachlor

R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 26001523
Conc: 5.13 ng/ml



#4 Heptachlor

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 6247695
Conc: 4.81 ng/ml



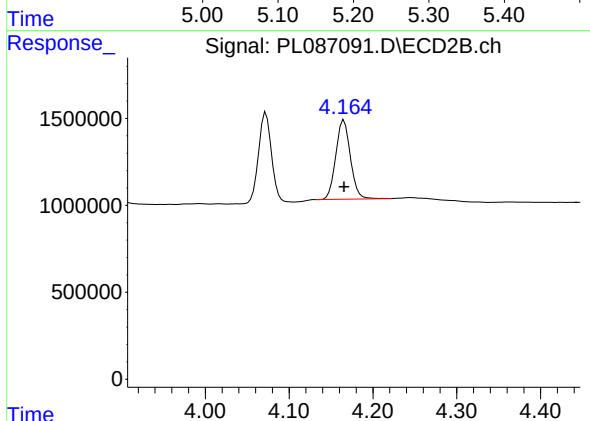
#5 Aldrin

R.T.: 5.186 min
Delta R.T.: 0.000 min
Response: 23945543
Conc: 4.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

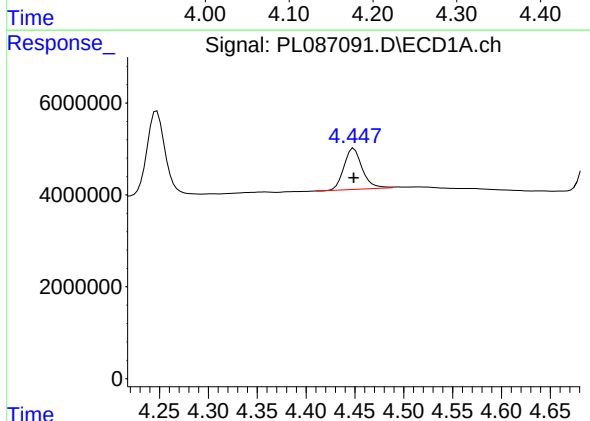
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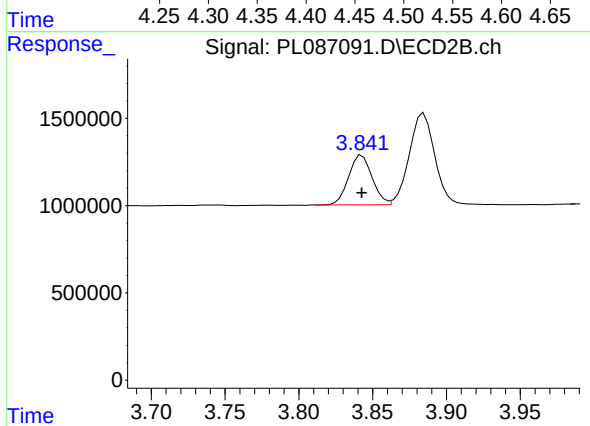
#5 Aldrin

R.T.: 4.165 min
Delta R.T.: 0.000 min
Response: 5519938
Conc: 4.50 ng/ml



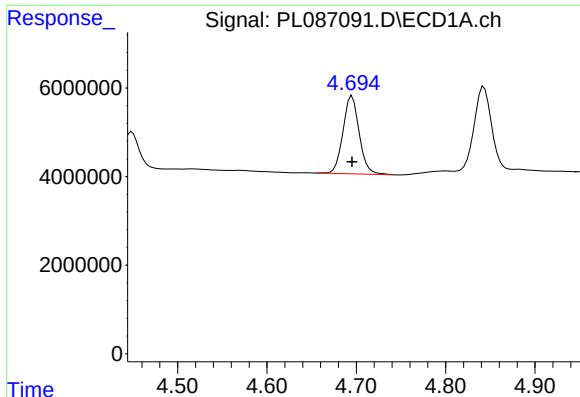
#6 beta-BHC

R.T.: 4.449 min
Delta R.T.: 0.000 min
Response: 11630937
Conc: 5.54 ng/ml



#6 beta-BHC

R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 3151316
Conc: 5.28 ng/ml



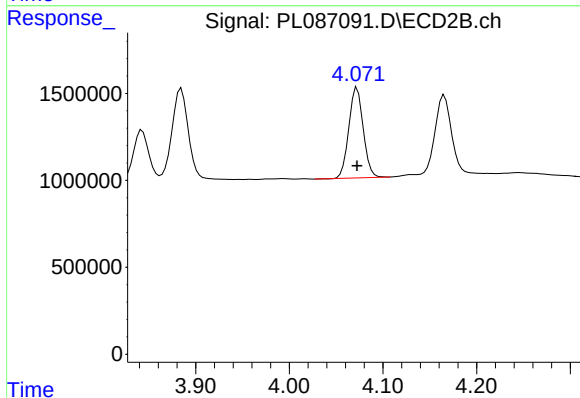
#7 delta-BHC

R.T.: 4.695 min
Delta R.T.: 0.000 min
Response: 22112951
Conc: 4.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

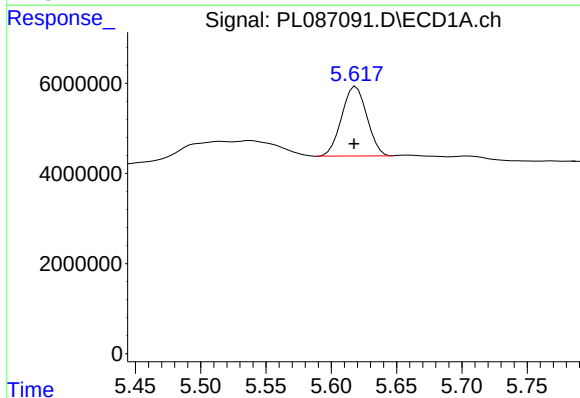
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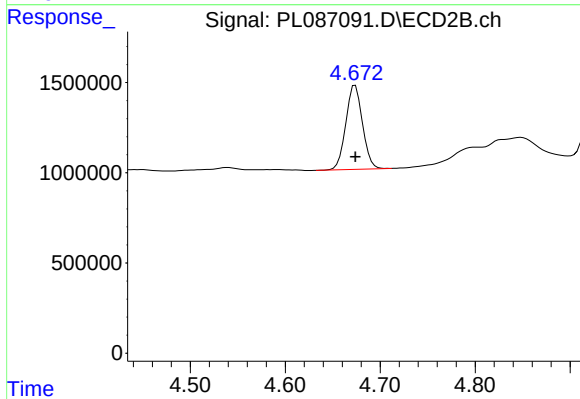
#7 delta-BHC

R.T.: 4.072 min
Delta R.T.: 0.000 min
Response: 5557644
Conc: 4.33 ng/ml



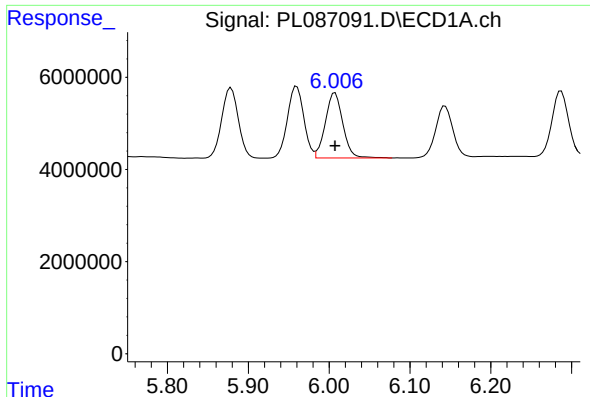
#8 Heptachlor epoxide

R.T.: 5.617 min
Delta R.T.: 0.000 min
Response: 20740425
Conc: 4.89 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 5677192
Conc: 4.92 ng/ml



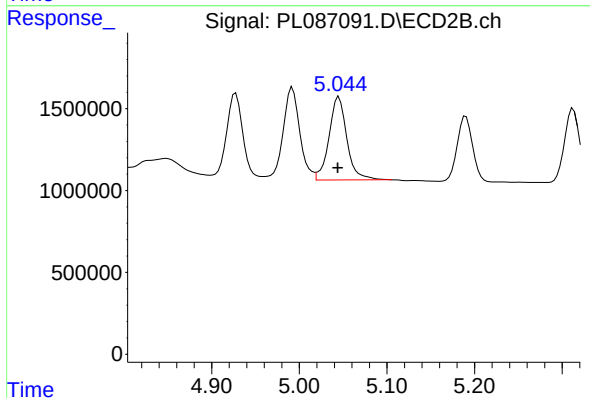
#9 Endosulfan I

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 21278943
Conc: 5.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

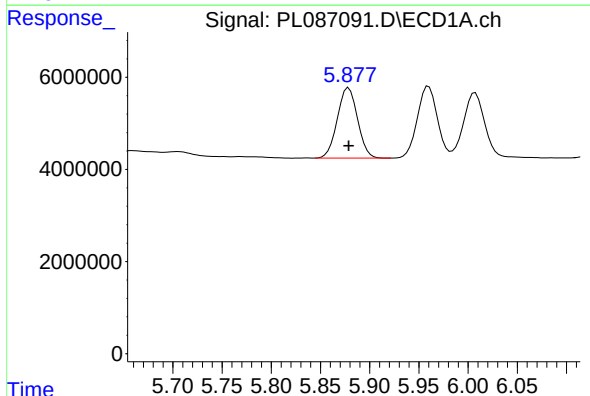
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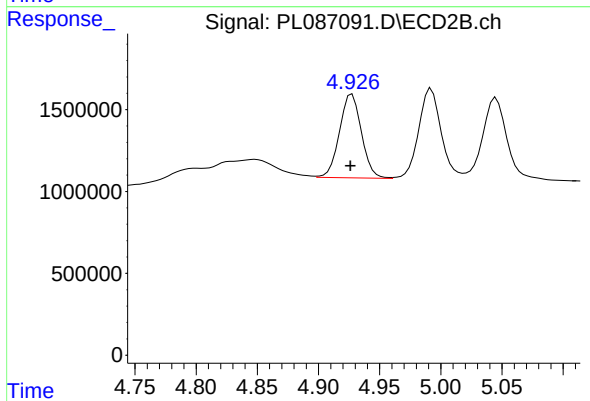
#9 Endosulfan I

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 7161633
Conc: 5.91 ng/ml m



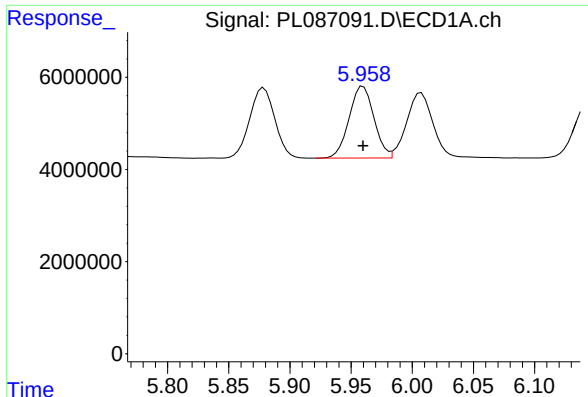
#10 gamma-Chlordane

R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 21826025
Conc: 5.09 ng/ml



#10 gamma-Chlordane

R.T.: 4.926 min
Delta R.T.: 0.000 min
Response: 6382585
Conc: 5.20 ng/ml m



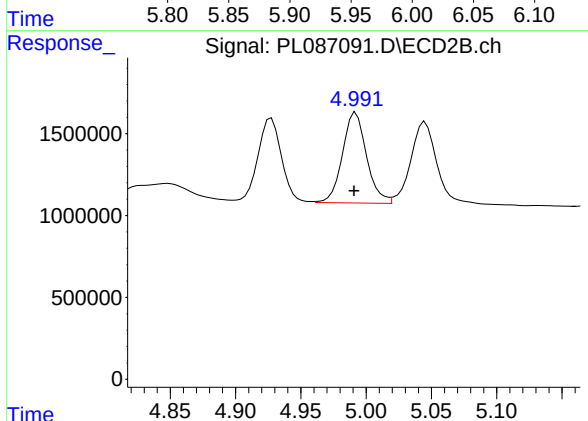
#11 alpha-Chlordane

R.T.: 5.960 min
Delta R.T.: 0.000 min
Response: 22058486
Conc: 5.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

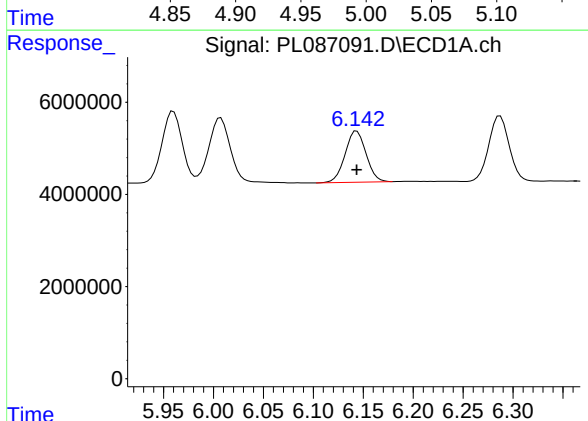
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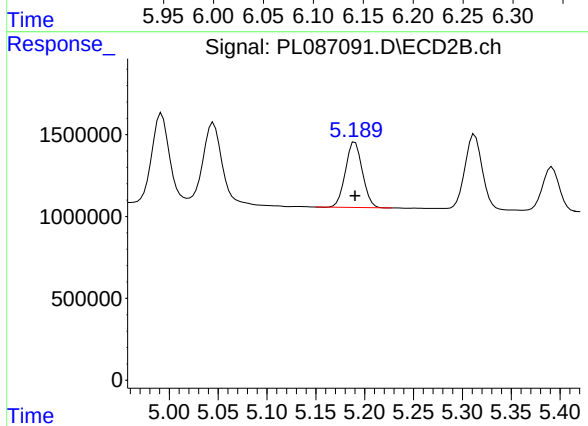
#11 alpha-Chlordane

R.T.: 4.991 min
Delta R.T.: 0.000 min
Response: 7106914
Conc: 5.64 ng/ml m



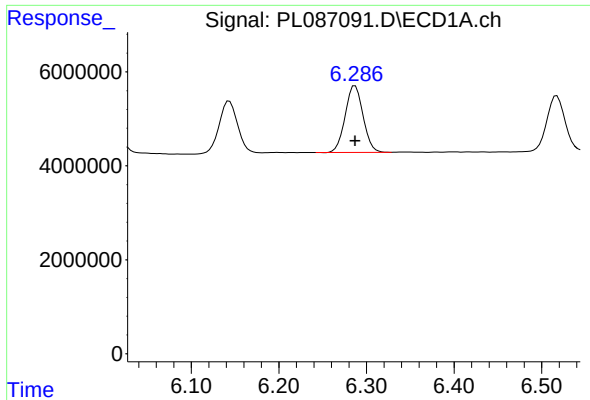
#12 4,4'-DDE

R.T.: 6.143 min
Delta R.T.: 0.000 min
Response: 16295527
Conc: 4.98 ng/ml



#12 4,4'-DDE

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 4842030
Conc: 4.66 ng/ml



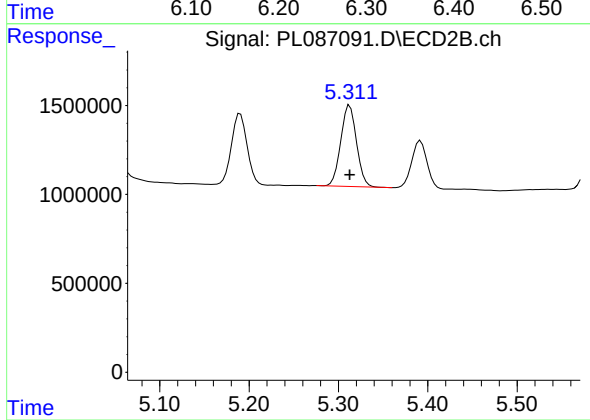
#13 Dieldrin

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 20125292
Conc: 4.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

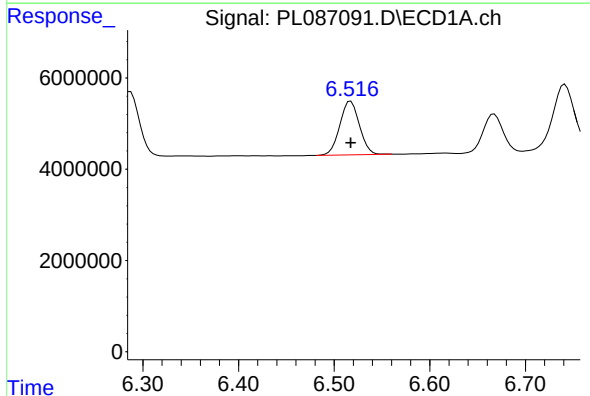
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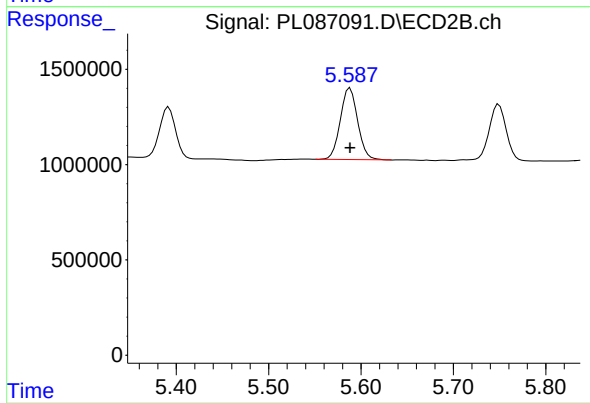
#13 Dieldrin

R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 5599387
Conc: 4.81 ng/ml



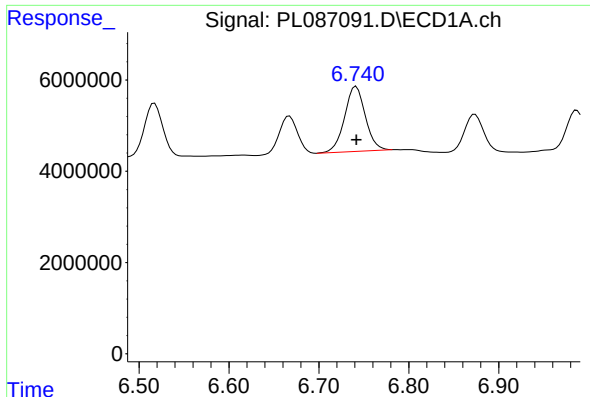
#14 Endrin

R.T.: 6.517 min
Delta R.T.: 0.000 min
Response: 16863789
Conc: 5.06 ng/ml



#14 Endrin

R.T.: 5.588 min
Delta R.T.: 0.000 min
Response: 4897768
Conc: 4.79 ng/ml



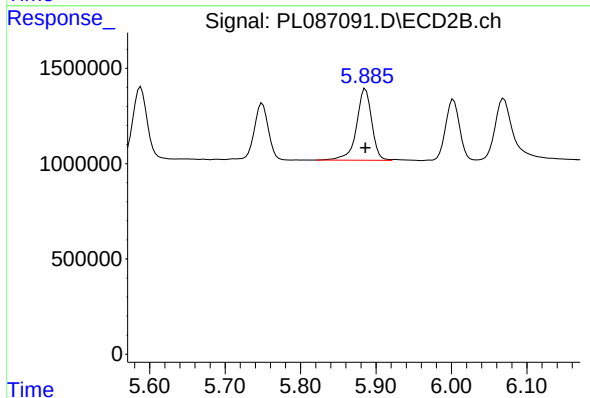
#15 Endosulfan II

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 22922982
Conc: 6.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

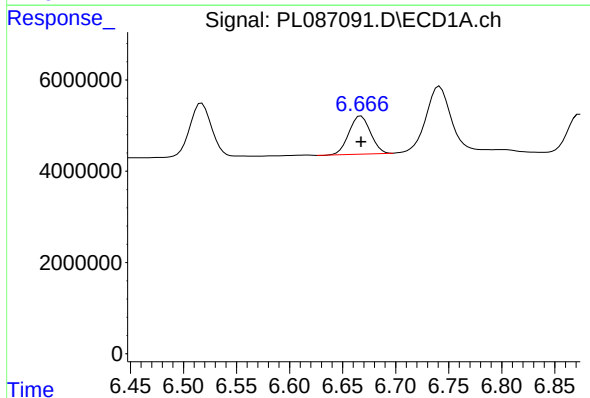
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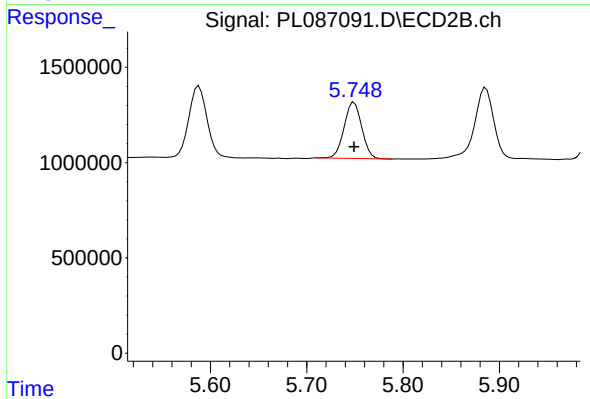
#15 Endosulfan II

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 5280218
Conc: 5.39 ng/ml



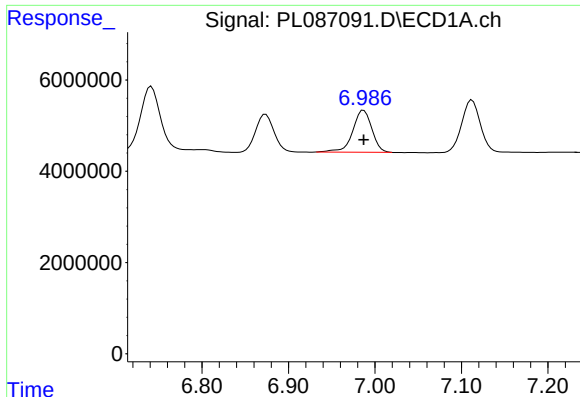
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.000 min
Response: 11769295
Conc: 4.84 ng/ml



#16 4,4'-DDD

R.T.: 5.749 min
Delta R.T.: 0.000 min
Response: 3724468
Conc: 4.49 ng/ml



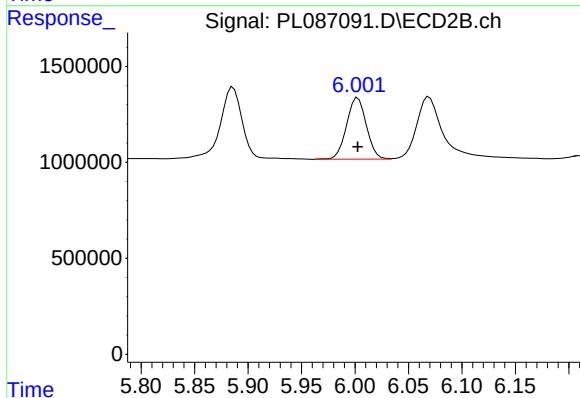
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: 0.000 min
Response: 14185233
Conc: 5.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

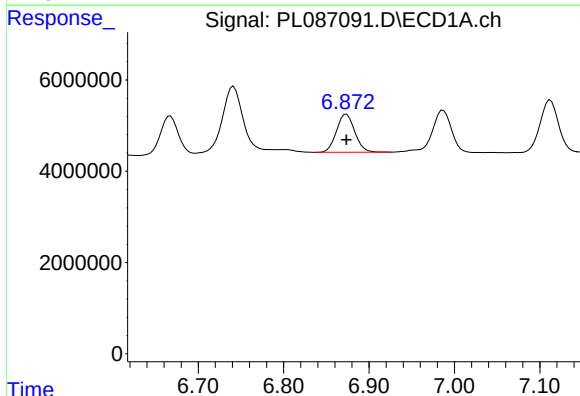
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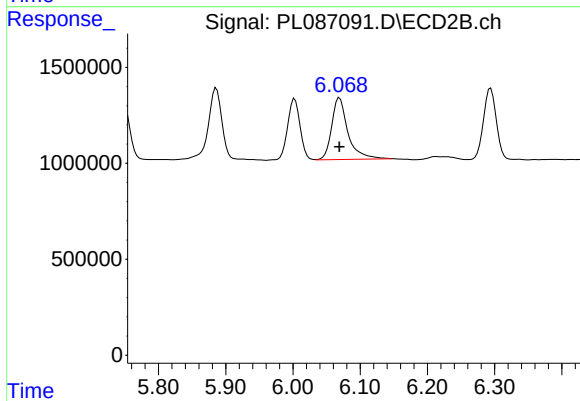
#17 4,4'-DDT

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 4131210
Conc: 4.71 ng/ml



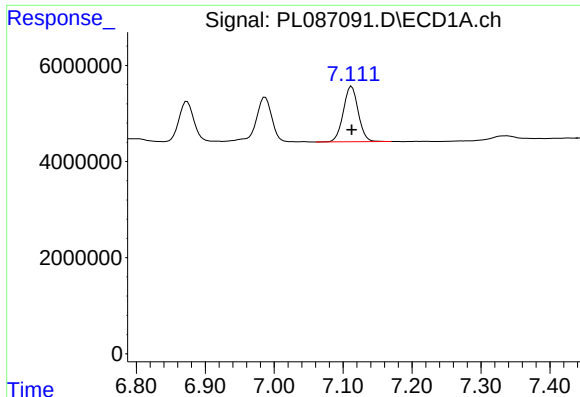
#18 Endrin aldehyde

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 12415504
Conc: 5.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 5366560
Conc: 6.64 ng/ml m



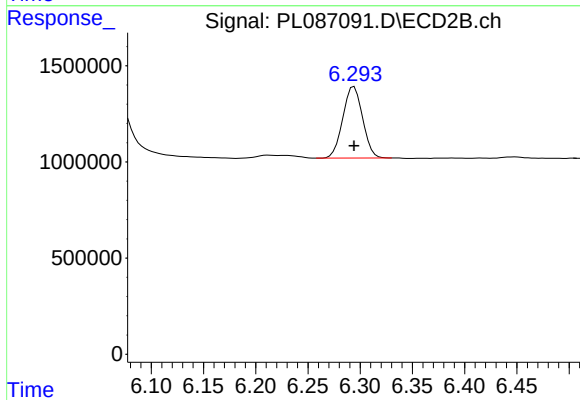
#19 Endosulfan Sulfate

R.T.: 7.112 min
Delta R.T.: 0.000 min
Response: 17330571
Conc: 5.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

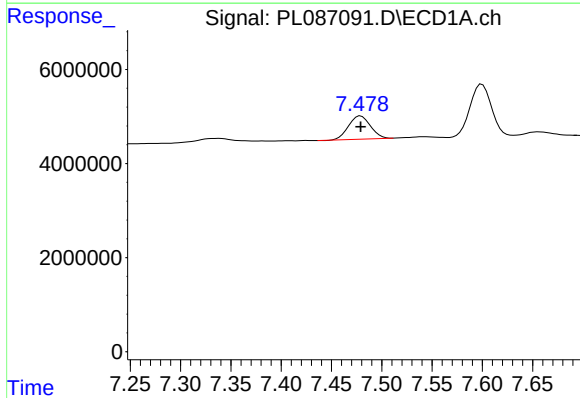
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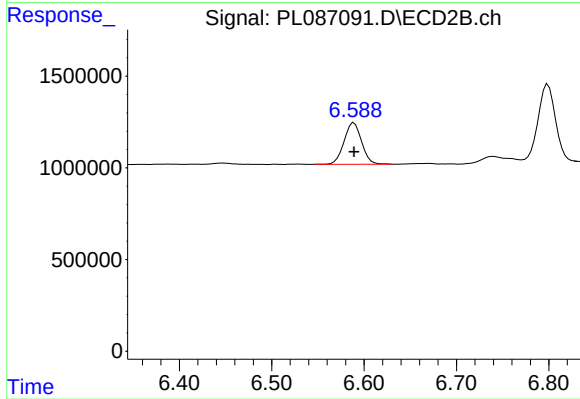
#19 Endosulfan Sulfate

R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 4890280
Conc: 5.23 ng/ml



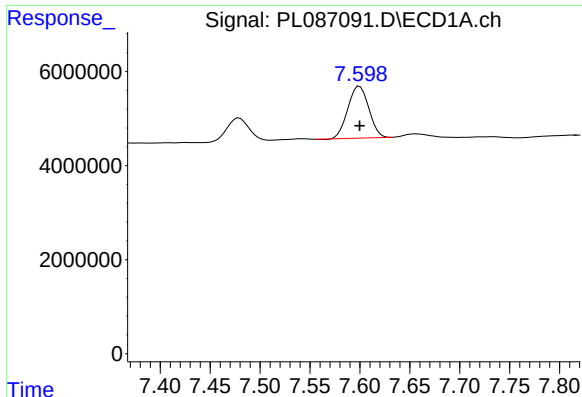
#20 Methoxychlor

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 7469556
Conc: 5.11 ng/ml



#20 Methoxychlor

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 2982950
Conc: 5.47 ng/ml



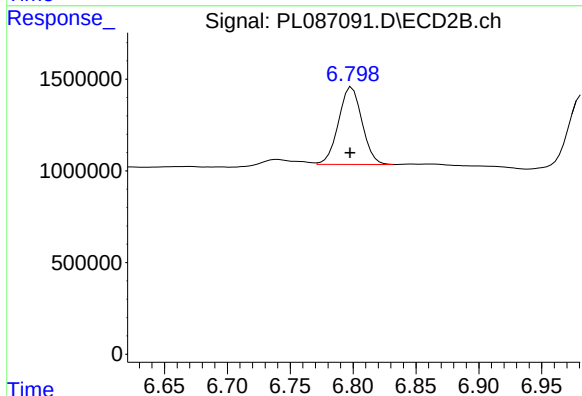
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 16098315
Conc: 4.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

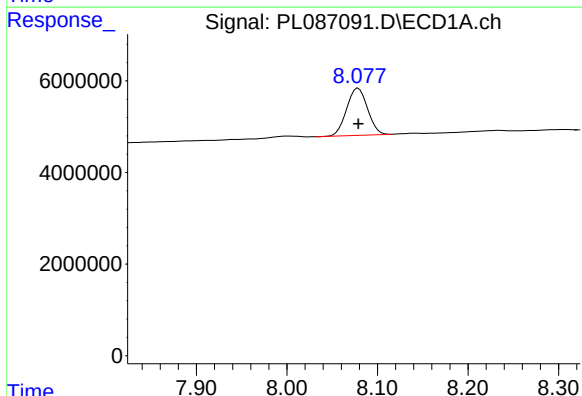
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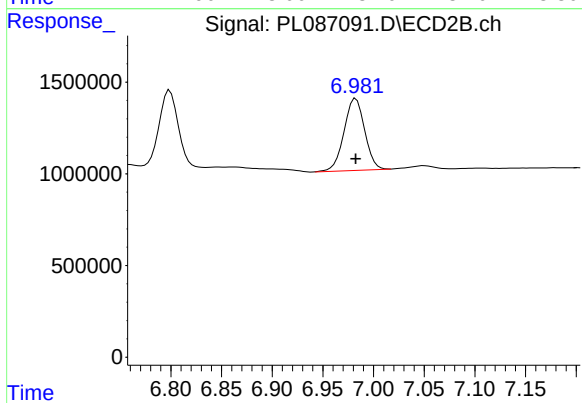
#21 Endrin ketone

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 5473040
Conc: 5.10 ng/ml m



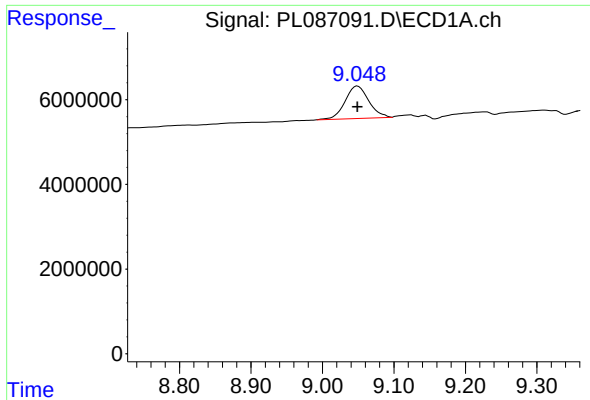
#22 Mirex

R.T.: 8.079 min
Delta R.T.: 0.000 min
Response: 16565185
Conc: 5.63 ng/ml



#22 Mirex

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 5545789
Conc: 5.90 ng/ml



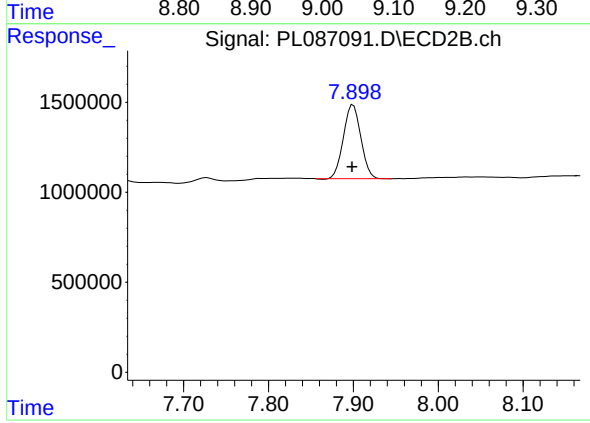
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: 0.000 min
Response: 17704808
Conc: 5.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDICC005

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/13/2023
Supervised By :Ankita Jodhani 12/13/2023



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.001 min
Response: 5844006
Conc: 5.68 ng/ml