

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110123\
 Data File : PL086362.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2023 13:12
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/02/2023
 Supervised By :mohammad ahmed 11/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 05:46:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 02 05:32:51 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...	3.352	2.617	59365477	17481312	18.706	18.363
28)	SA Decachlor...	8.855	7.769	50427385	22868347	19.067	19.937
Target Compounds							
2)	A alpha-BHC	3.806	3.116	42010874	11003776	8.900	8.479
3)	MA gamma-BHC...	4.138	3.443	40868232	10993781	8.969	8.369
6)	B beta-BHC	4.342	3.745	19387953	6059064	9.830	10.557
12)	B 4,4'-DDE	6.015	5.076	794754	122599	0.250	0.124m#
14)	MA Endrin	6.385	5.468	148.1E6	50258505	44.352	45.609
16)	A 4,4'-DDD	6.535	5.632	1743265	456214	0.735	0.560
17)	MA 4,4'-DDT	6.850	5.882	253.9E6	98451652	97.312	104.431
18)	B Endrin al...	6.739	5.948	3827279	2085242	1.572	2.473 #
20)	A Methoxychlor	7.337	6.467	325.9E6	136.0E6	234.955	232.807
21)	B Endrin ke...	7.456	6.673	5789039	2843446	1.814m	2.280 #

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

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Acq On : 01 Nov 2023 13:12
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

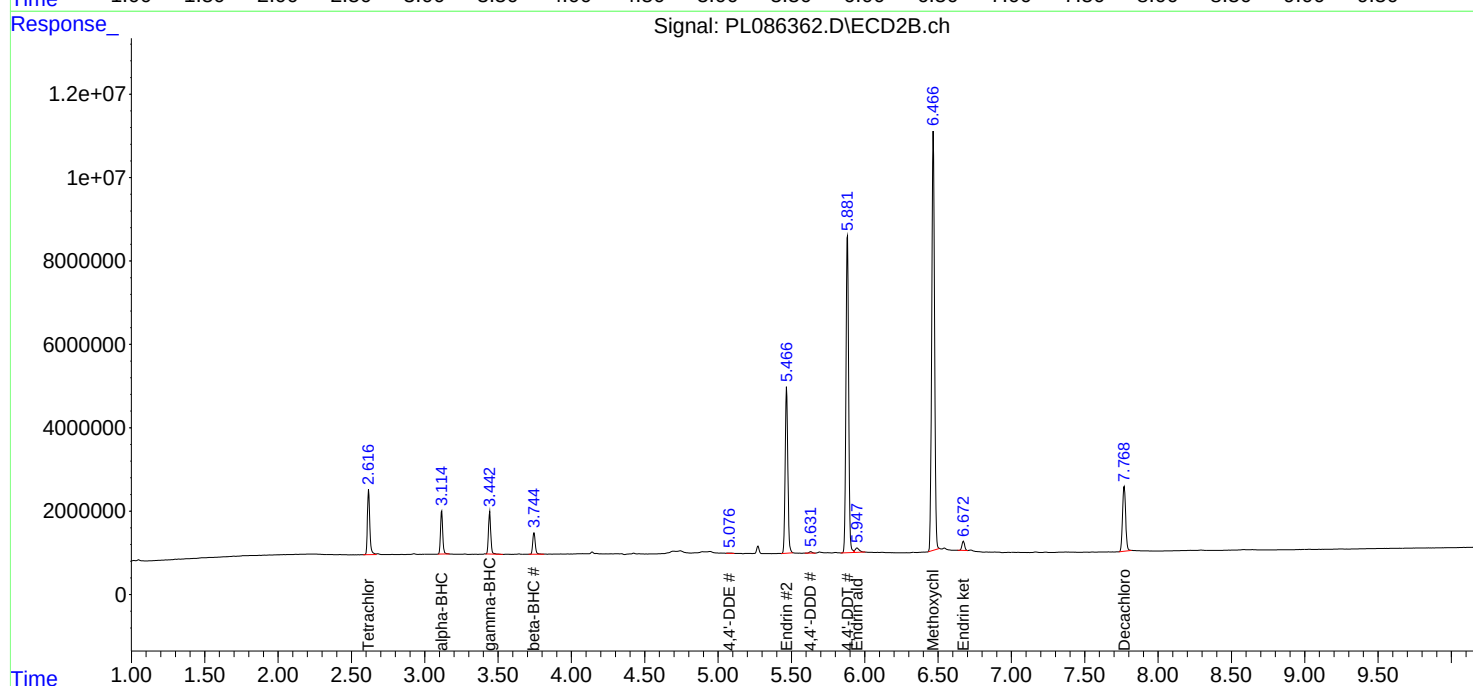
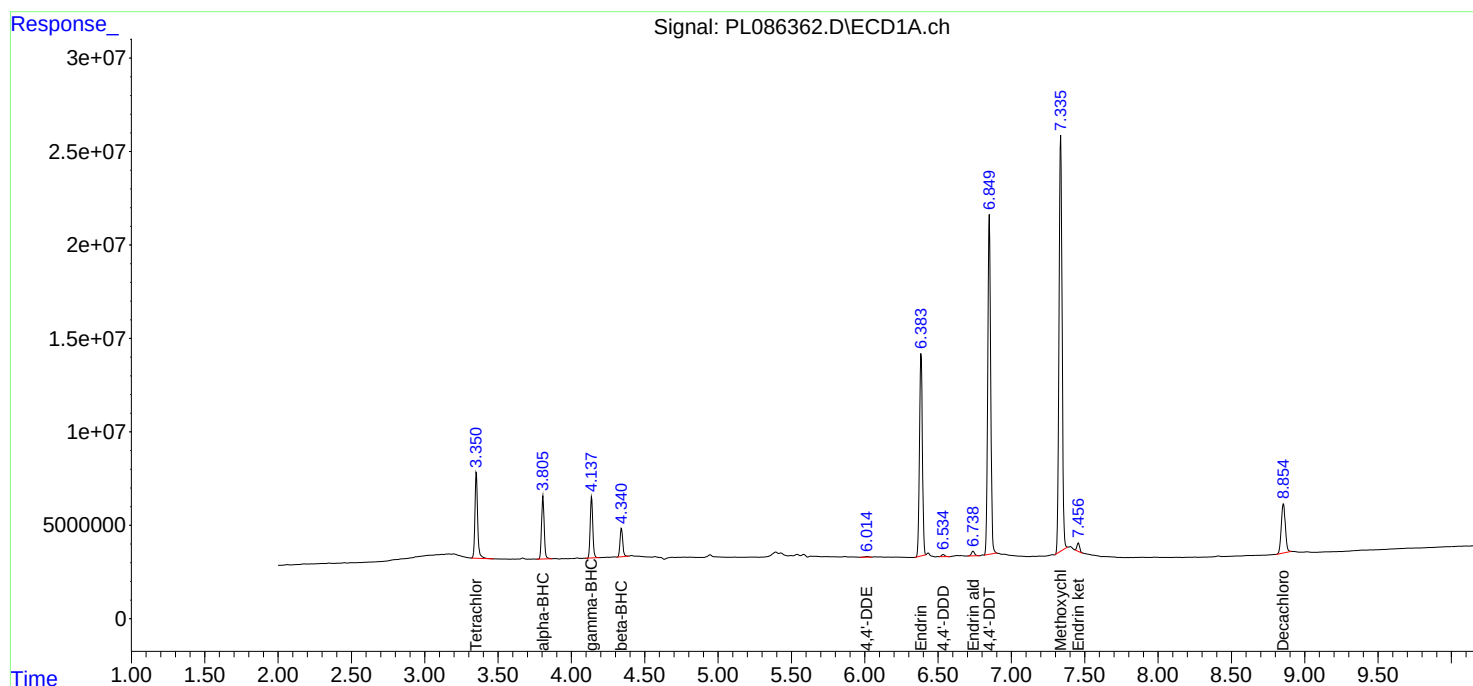
Instrument :
ECD_L
ClientSampleId :
PEM

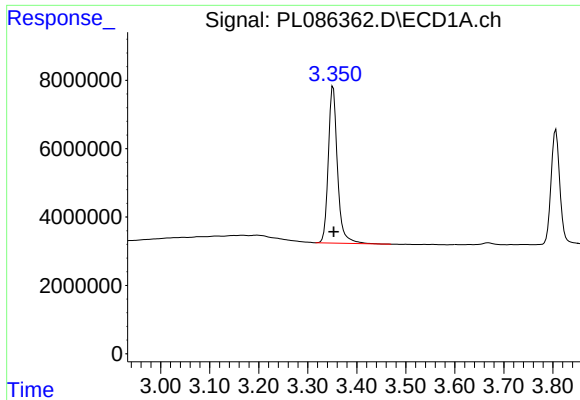
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Integration File signal 1: autoint1.e
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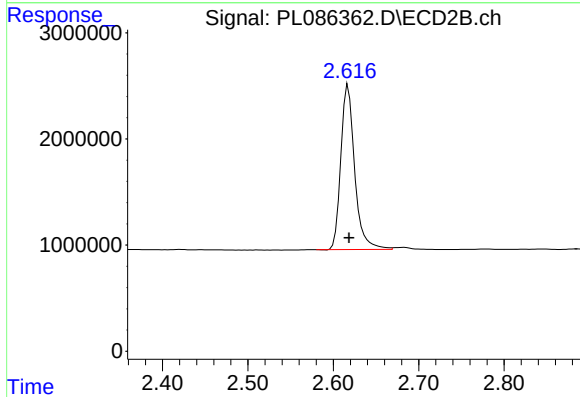
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: -0.001 min
Response: 59365477
Conc: 18.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

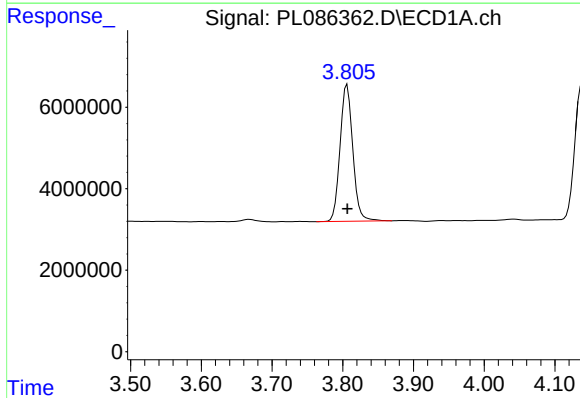
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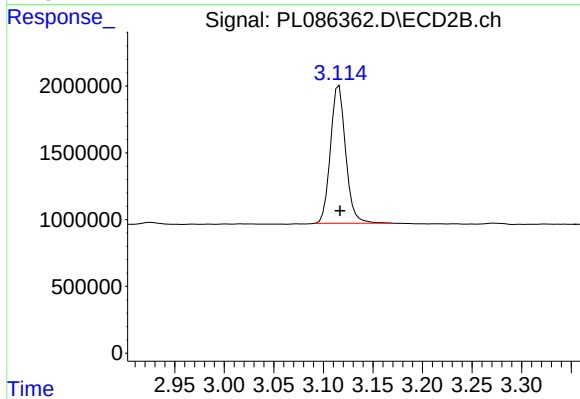
#1 Tetrachloro-m-xylene

R.T.: 2.617 min
Delta R.T.: 0.000 min
Response: 17481312
Conc: 18.36 ng/ml



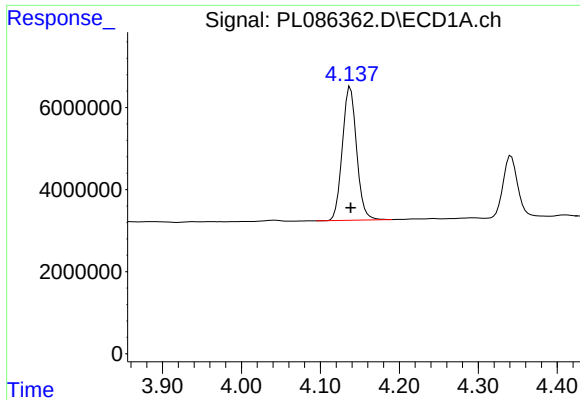
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 42010874
Conc: 8.90 ng/ml



#2 alpha-BHC

R.T.: 3.116 min
Delta R.T.: 0.000 min
Response: 11003776
Conc: 8.48 ng/ml



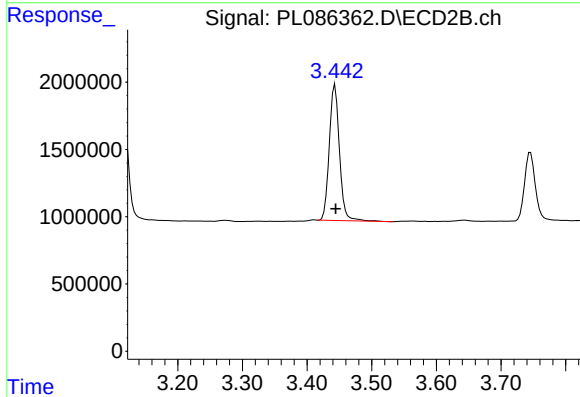
#3 gamma-BHC (Lindane)

R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 40868232
Conc: 8.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

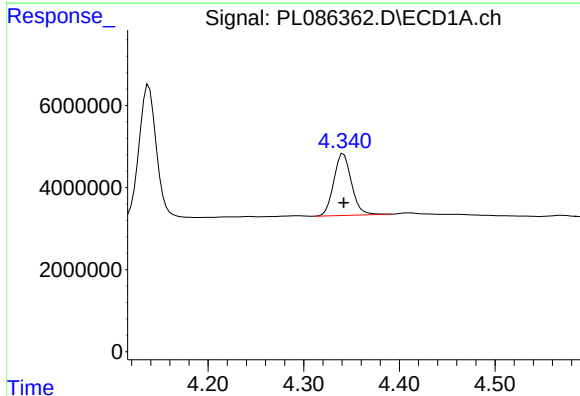
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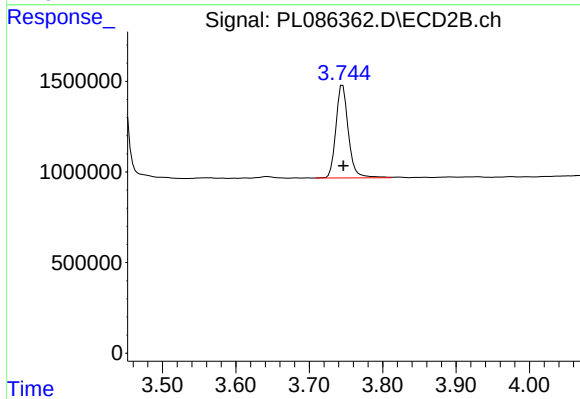
#3 gamma-BHC (Lindane)

R.T.: 3.443 min
Delta R.T.: -0.001 min
Response: 10993781
Conc: 8.37 ng/ml



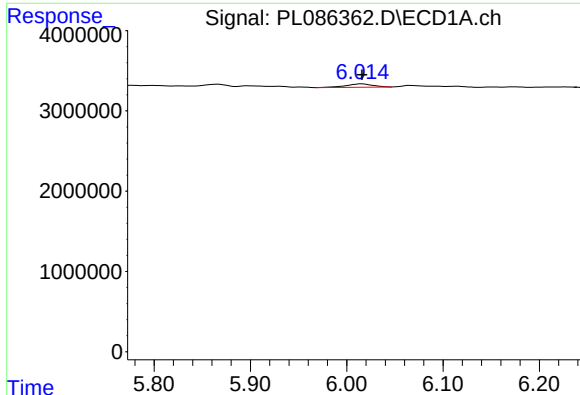
#6 beta-BHC

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 19387953
Conc: 9.83 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 6059064
Conc: 10.56 ng/ml



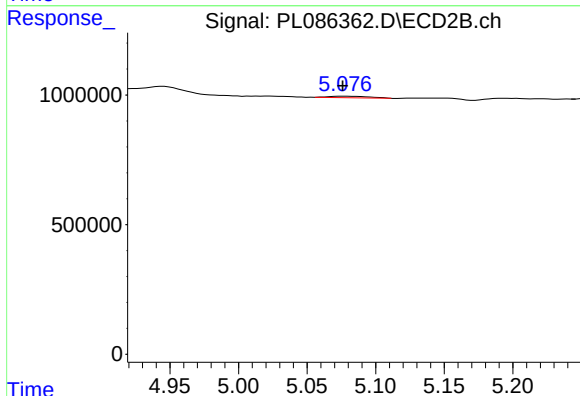
#12 4,4'-DDE

R.T.: 6.015 min
Delta R.T.: 0.000 min
Response: 794754
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

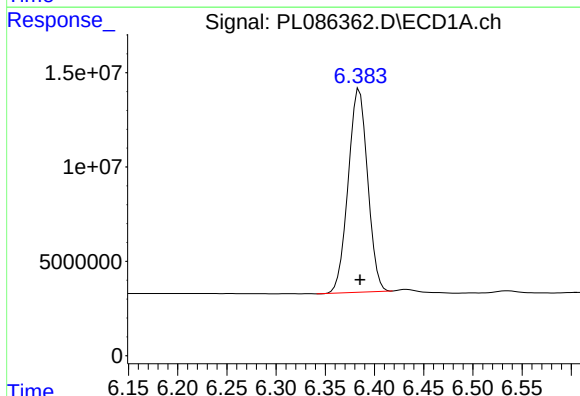
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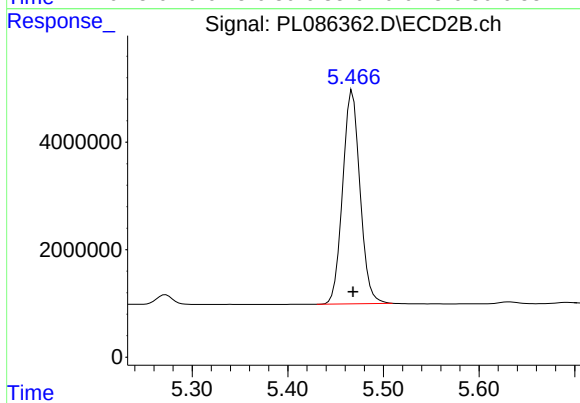
#12 4,4'-DDE

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 122599
Conc: 0.12 ng/ml m



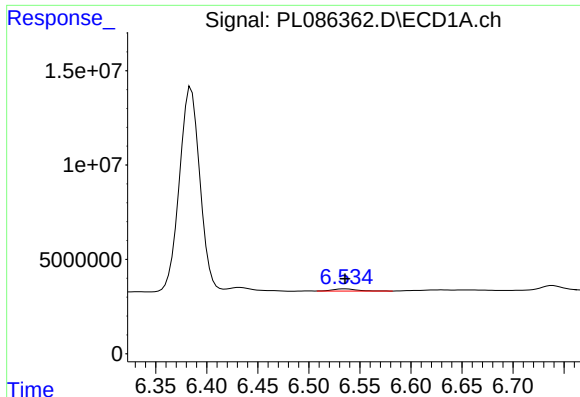
#14 Endrin

R.T.: 6.385 min
Delta R.T.: 0.000 min
Response: 148058427
Conc: 44.35 ng/ml



#14 Endrin

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 50258505
Conc: 45.61 ng/ml



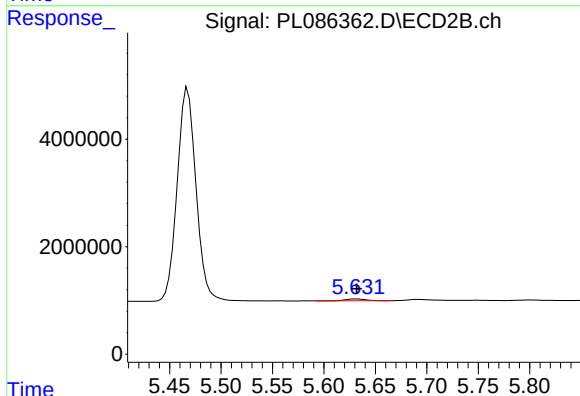
#16 4,4'-DDD

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 1743265
Conc: 0.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

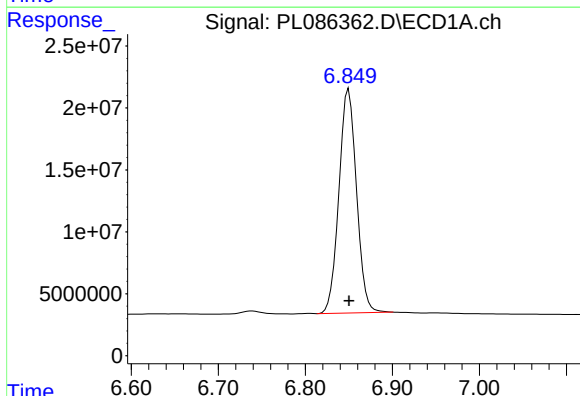
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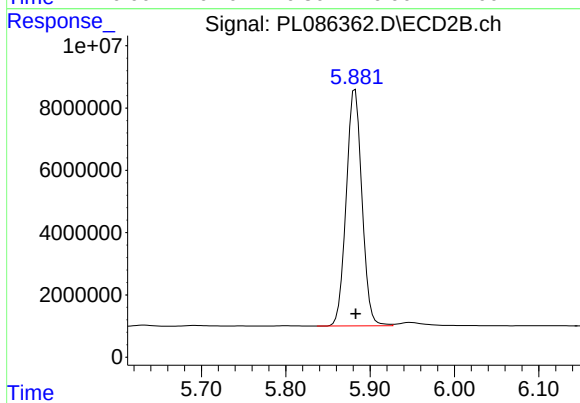
#16 4,4'-DDD

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 456214
Conc: 0.56 ng/ml



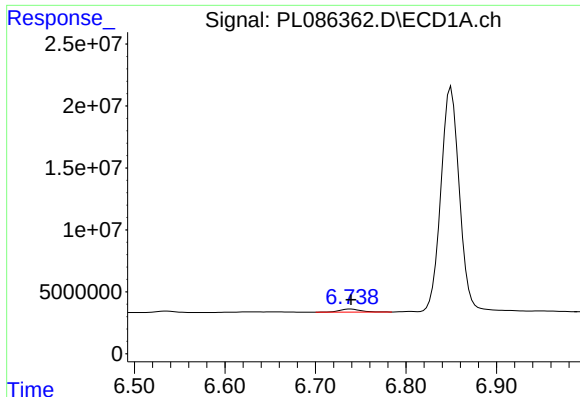
#17 4,4'-DDT

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 253880004
Conc: 97.31 ng/ml



#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 98451652
Conc: 104.43 ng/ml



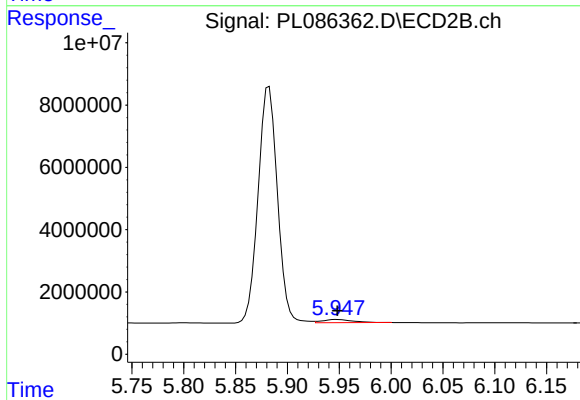
#18 Endrin aldehyde

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 3827279
Conc: 1.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

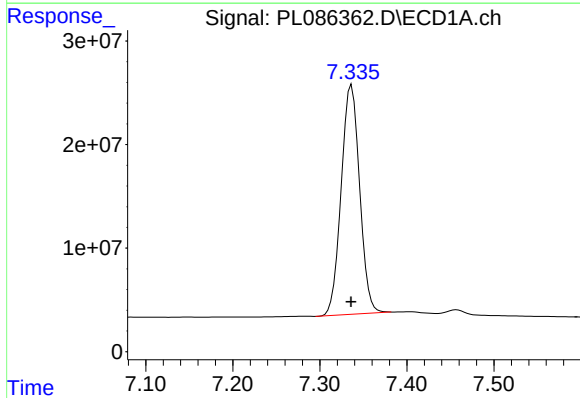
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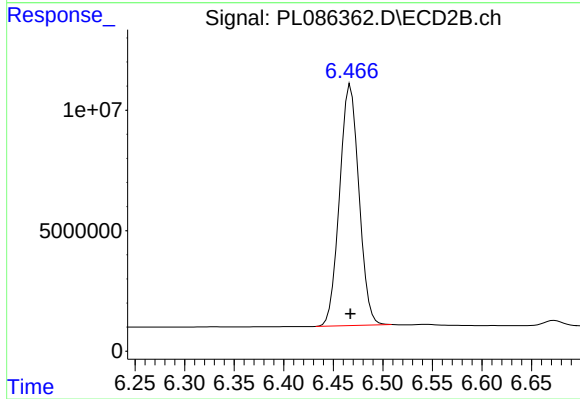
#18 Endrin aldehyde

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 2085242
Conc: 2.47 ng/ml



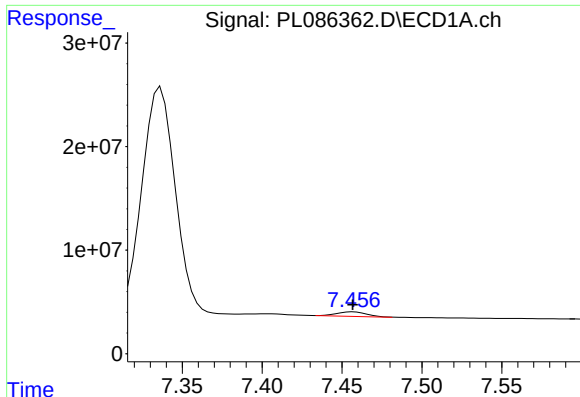
#20 Methoxychlor

R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 325884197
Conc: 234.96 ng/ml



#20 Methoxychlor

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 136037203
Conc: 232.81 ng/ml



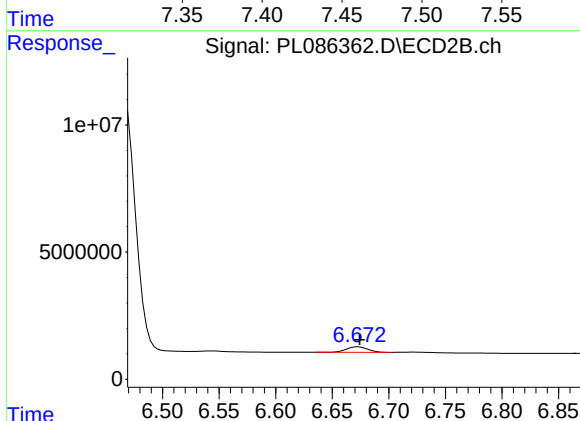
#21 Endrin ketone

R.T.: 7.456 min
Delta R.T.: -0.001 min
Response: 5789039
Conc: 1.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

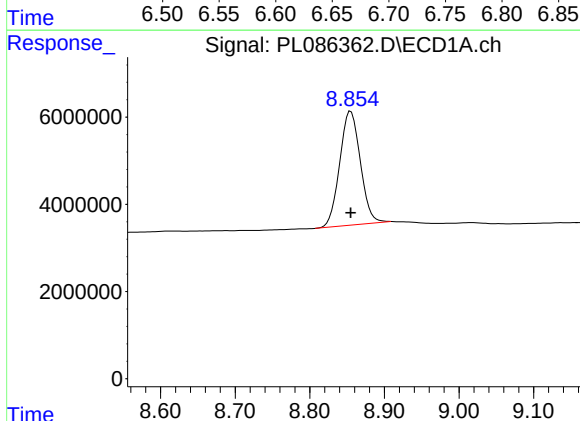
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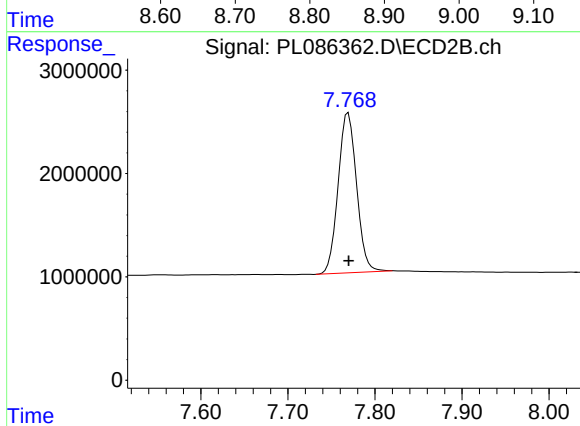
#21 Endrin ketone

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 2843446
Conc: 2.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.855 min
Delta R.T.: 0.000 min
Response: 50427385
Conc: 19.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.769 min
Delta R.T.: 0.000 min
Response: 22868347
Conc: 19.94 ng/ml