

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011924\
 Data File : PL087857.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jan 2024 09:18
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/22/2024
 Supervised By : Ankita Jodhani 01/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 19:02:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 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...	3.420	2.674	66538670	27482594	22.226	22.688
28)	SA Decachlor...	8.985	7.863	68616752	31091986	24.093	24.543
Target Compounds							
2)	A alpha-BHC	3.876	3.177	46458694	18471178	10.354	10.022
3)	MA gamma-BHC...	4.210	3.508	45102684	17698132	10.341	9.739
6)	B beta-BHC	4.410	3.810	22600079	9004242	12.147	11.773
12)	B 4,4'-DDE	6.097	5.155	747074	291495	0.234	0.217
14)	MA Endrin	6.472	5.552	147.4E6	71299819	46.917	50.282
16)	A 4,4'-DDD	6.617	5.712	6997330	2945743	2.714m	2.612
17)	MA 4,4'-DDT	6.935	5.966	316.4E6	146.5E6	110.660	117.710
18)	B Endrin al...	6.826	6.032	6518810	3466964	2.592	2.983m
20)	A Methoxychlor	7.423	6.552	406.0E6	184.4E6	250.066	250.508
21)	B Endrin ke...	7.549	6.763	13799898	6770427	4.243	4.416

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

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ALS Vial : 3 Sample Multiplier: 1

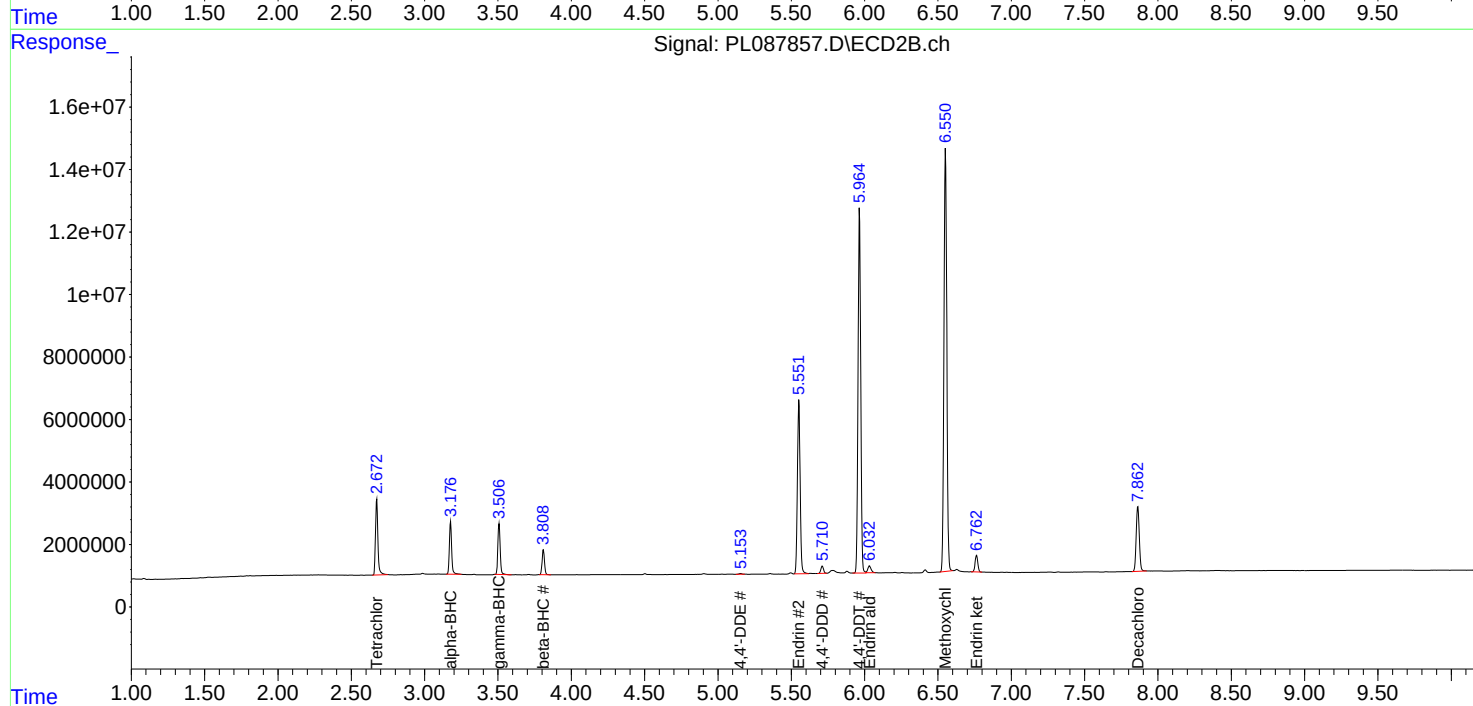
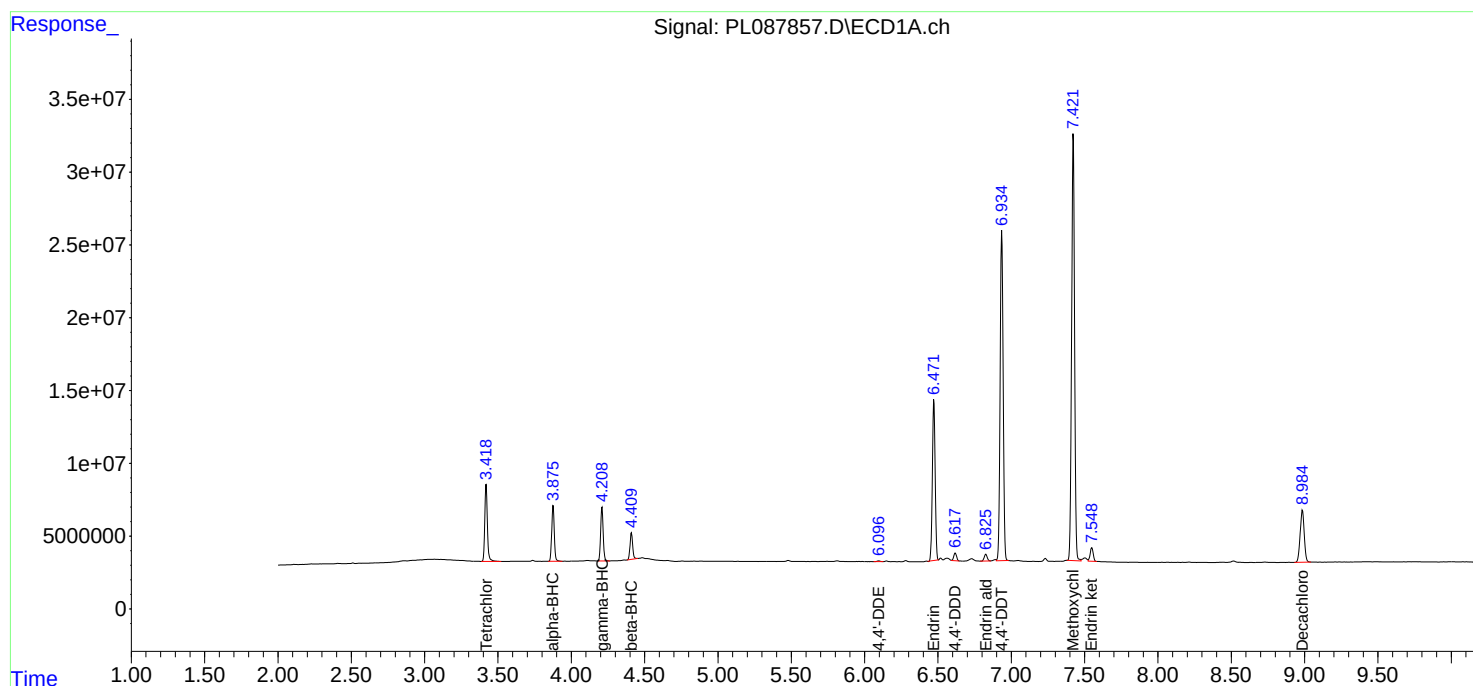
Instrument :
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PEM

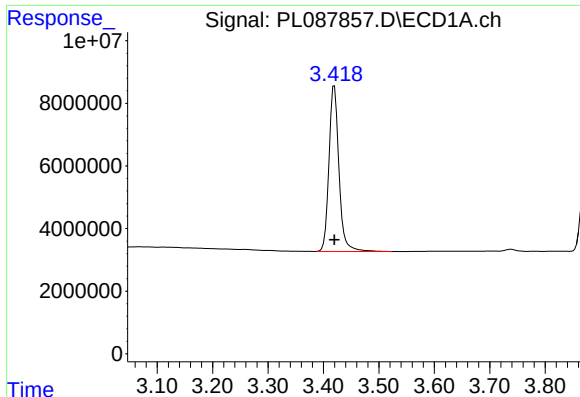
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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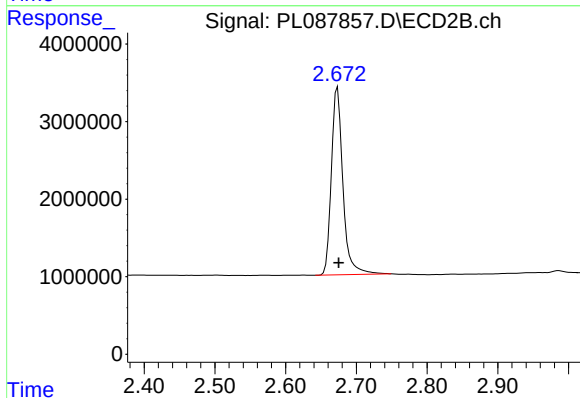
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.000 min
Response: 66538670
Conc: 22.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

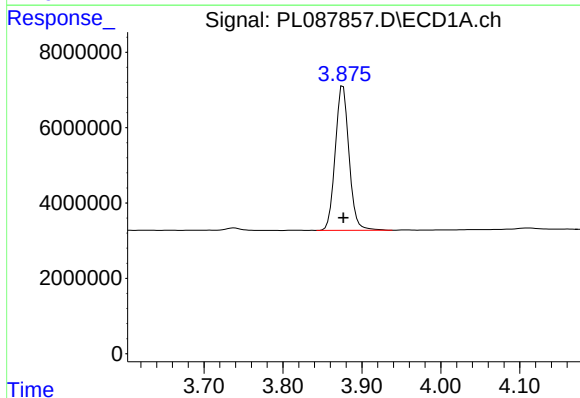
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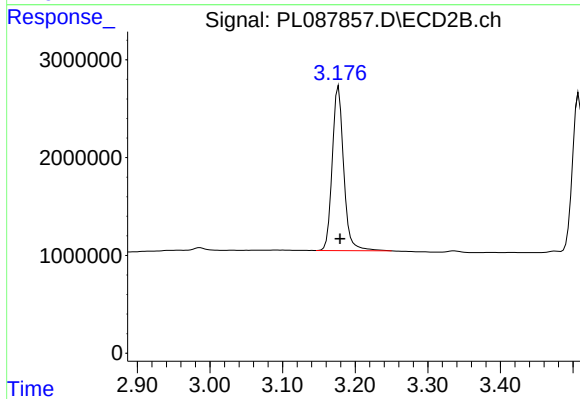
#1 Tetrachloro-m-xylene

R.T.: 2.674 min
Delta R.T.: -0.001 min
Response: 27482594
Conc: 22.69 ng/ml



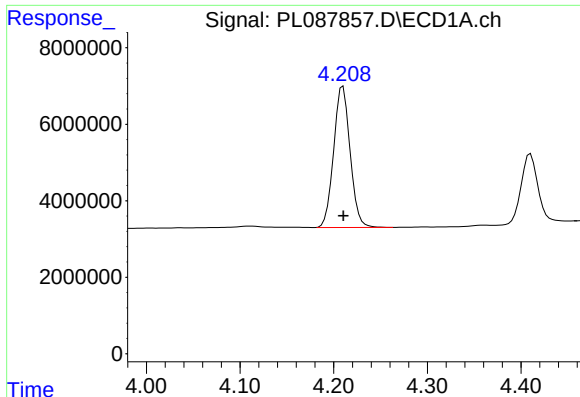
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 46458694
Conc: 10.35 ng/ml



#2 alpha-BHC

R.T.: 3.177 min
Delta R.T.: -0.002 min
Response: 18471178
Conc: 10.02 ng/ml



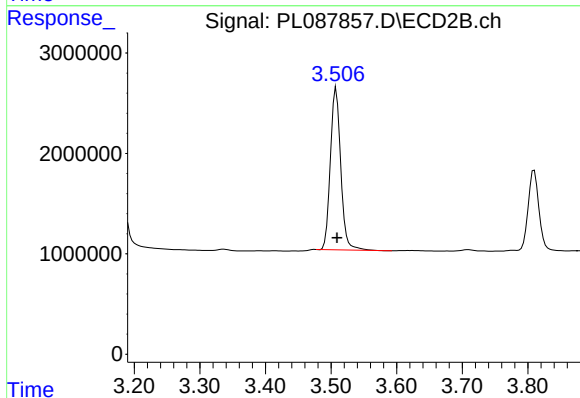
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 45102684
Conc: 10.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

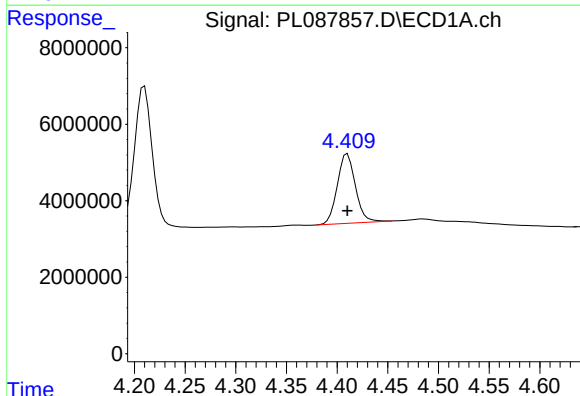
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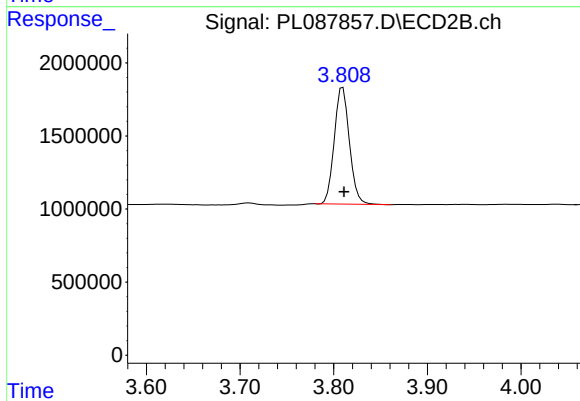
#3 gamma-BHC (Lindane)

R.T.: 3.508 min
Delta R.T.: -0.002 min
Response: 17698132
Conc: 9.74 ng/ml



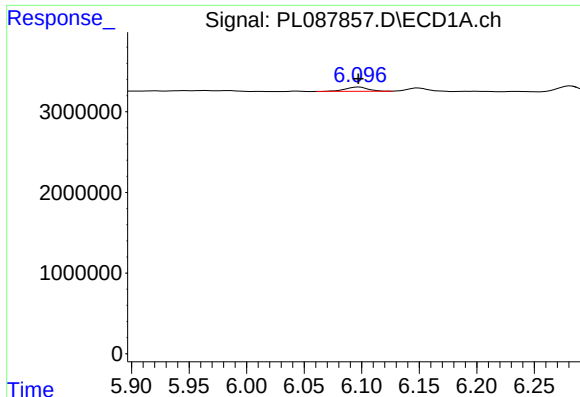
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 22600079
Conc: 12.15 ng/ml



#6 beta-BHC

R.T.: 3.810 min
Delta R.T.: -0.001 min
Response: 9004242
Conc: 11.77 ng/ml



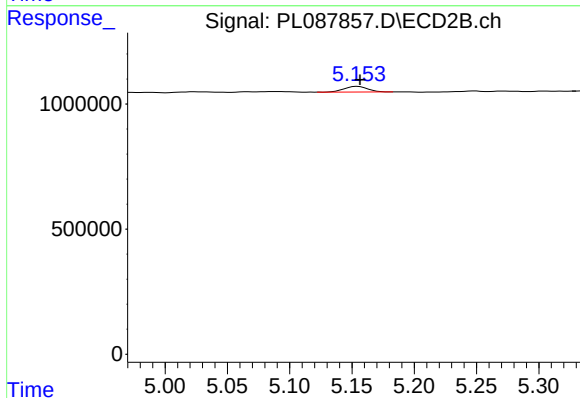
#12 4,4'-DDE

R.T.: 6.097 min
Delta R.T.: 0.000 min
Response: 747074
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

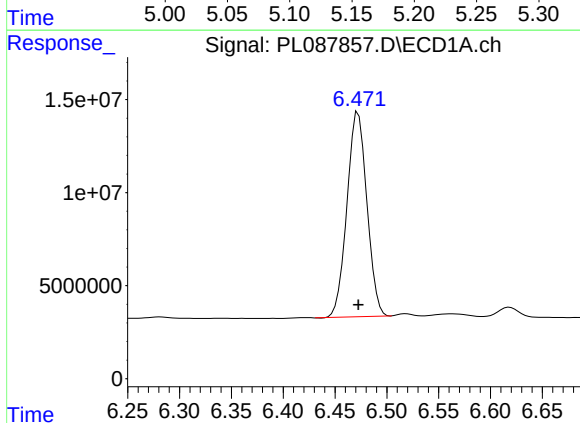
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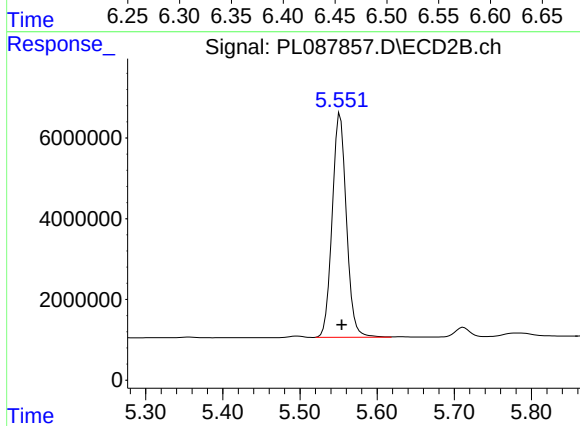
#12 4,4'-DDE

R.T.: 5.155 min
Delta R.T.: -0.002 min
Response: 291495
Conc: 0.22 ng/ml



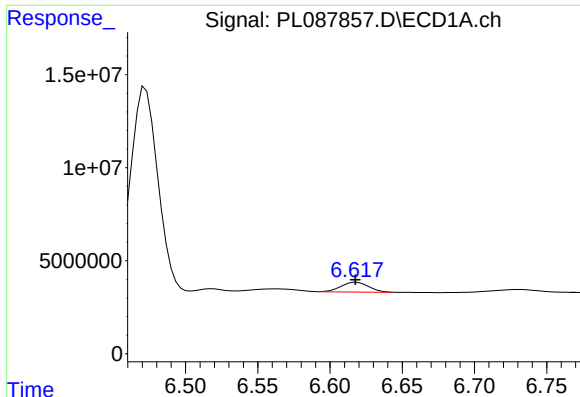
#14 Endrin

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 147362469
Conc: 46.92 ng/ml



#14 Endrin

R.T.: 5.552 min
Delta R.T.: -0.002 min
Response: 71299819
Conc: 50.28 ng/ml



#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 6997330
Conc: 2.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#16 4,4'-DDD

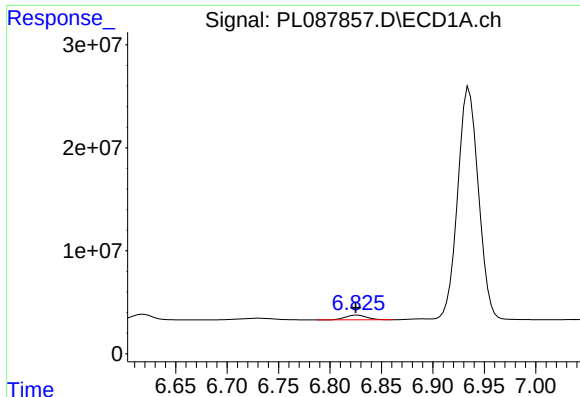
R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 2945743
Conc: 2.61 ng/ml

#17 4,4'-DDT

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 316437801
Conc: 110.66 ng/ml

#17 4,4'-DDT

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 146499897
Conc: 117.71 ng/ml



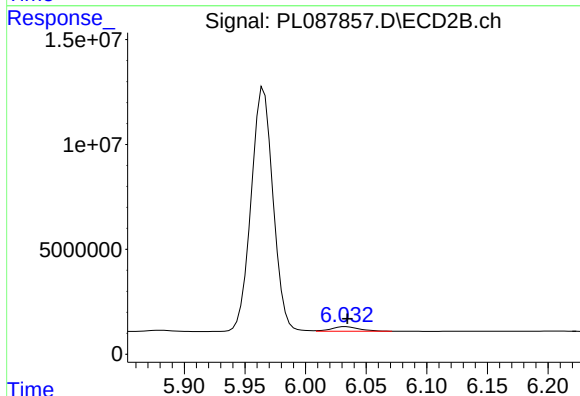
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: 0.001 min
Response: 6518810
Conc: 2.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
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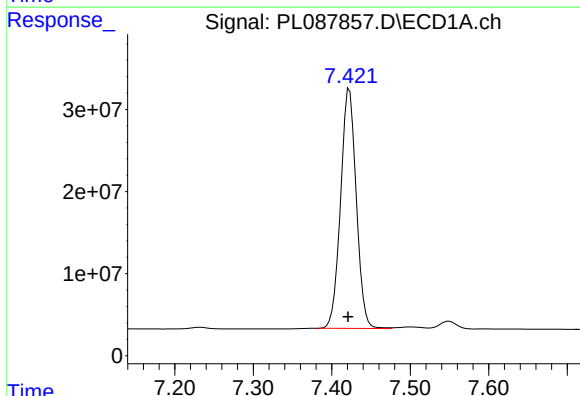
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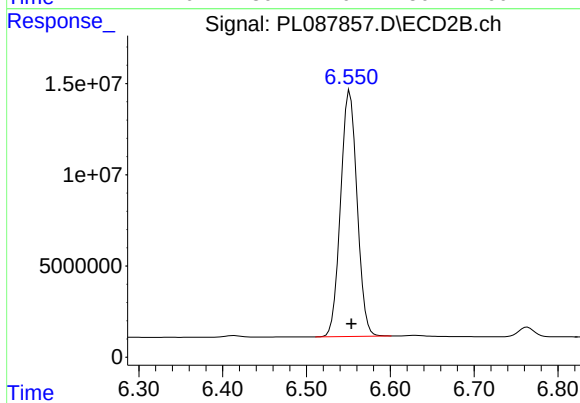
#18 Endrin aldehyde

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 3466964
Conc: 2.98 ng/ml m



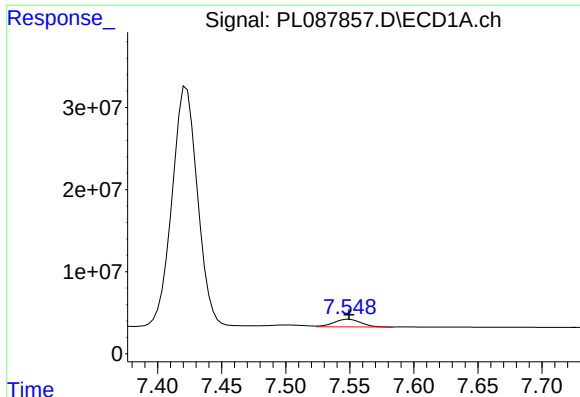
#20 Methoxychlor

R.T.: 7.423 min
Delta R.T.: 0.002 min
Response: 406003183
Conc: 250.07 ng/ml



#20 Methoxychlor

R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 184393753
Conc: 250.51 ng/ml



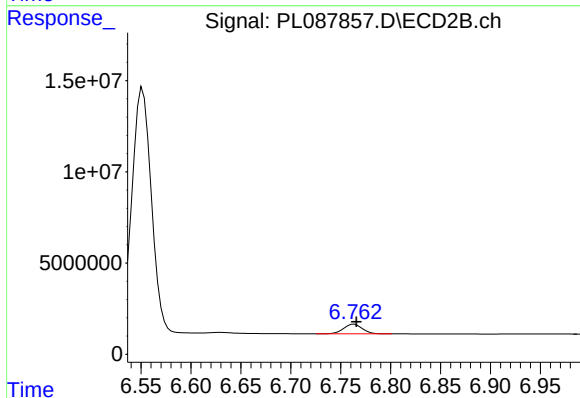
#21 Endrin ketone

R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 13799898
Conc: 4.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

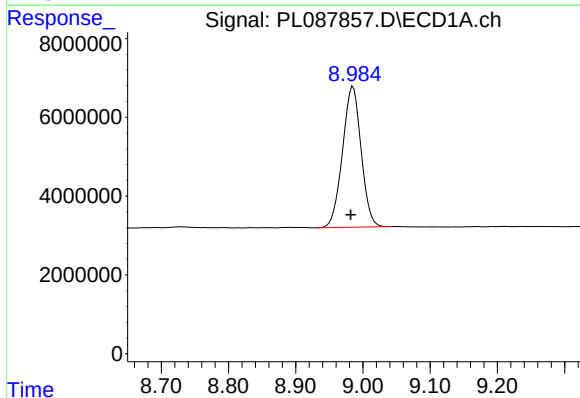
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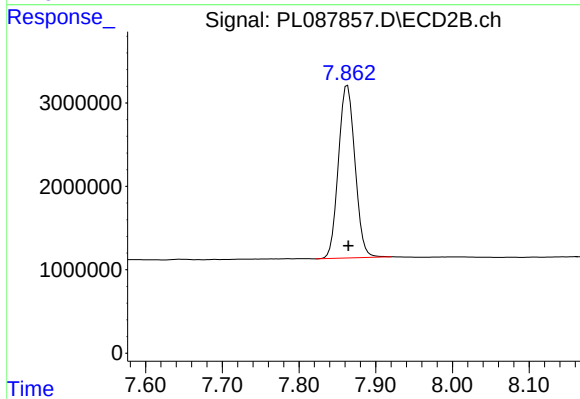
#21 Endrin ketone

R.T.: 6.763 min
Delta R.T.: -0.002 min
Response: 6770427
Conc: 4.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.985 min
Delta R.T.: 0.003 min
Response: 68616752
Conc: 24.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.863 min
Delta R.T.: -0.001 min
Response: 31091986
Conc: 24.54 ng/ml