

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080723\
 Data File : PL084551.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2023 08:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/08/2023
 Supervised By : Ankita Jodhani 08/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 07 21:24:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.482	2.687	46259908	21961872	19.910	20.197
28)	SA Decachlor...	9.033	7.870	32554750	24076183	20.008	19.310
Target Compounds							
2)	A alpha-BHC	3.940	3.192	31934609	14619660	9.673	9.468
3)	MA gamma-BHC...	4.274	3.522	30910394	13973458	9.690	9.196m
6)	B beta-BHC	4.473	3.825	14732038	7117796	10.546	10.623
12)	B 4,4'-DDE	6.156	5.166	584905	211587	0.255	0.172 #
14)	MA Endrin	6.531	5.564	93115534	56059058	42.694	45.829
16)	A 4,4'-DDD	6.673	5.724	2345180	1262751	1.399	1.222
17)	MA 4,4'-DDT	6.990	5.977	179.0E6	115.6E6	95.532	99.593
18)	B Endrin al...	6.883	6.044	2611363	2071446	1.548	2.089 #
20)	A Methoxychlor	7.470	6.561	210.8E6	141.1E6	219.651m	205.648
21)	B Endrin ke...	7.600	6.772	5161032	4421117	2.580m	3.064

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

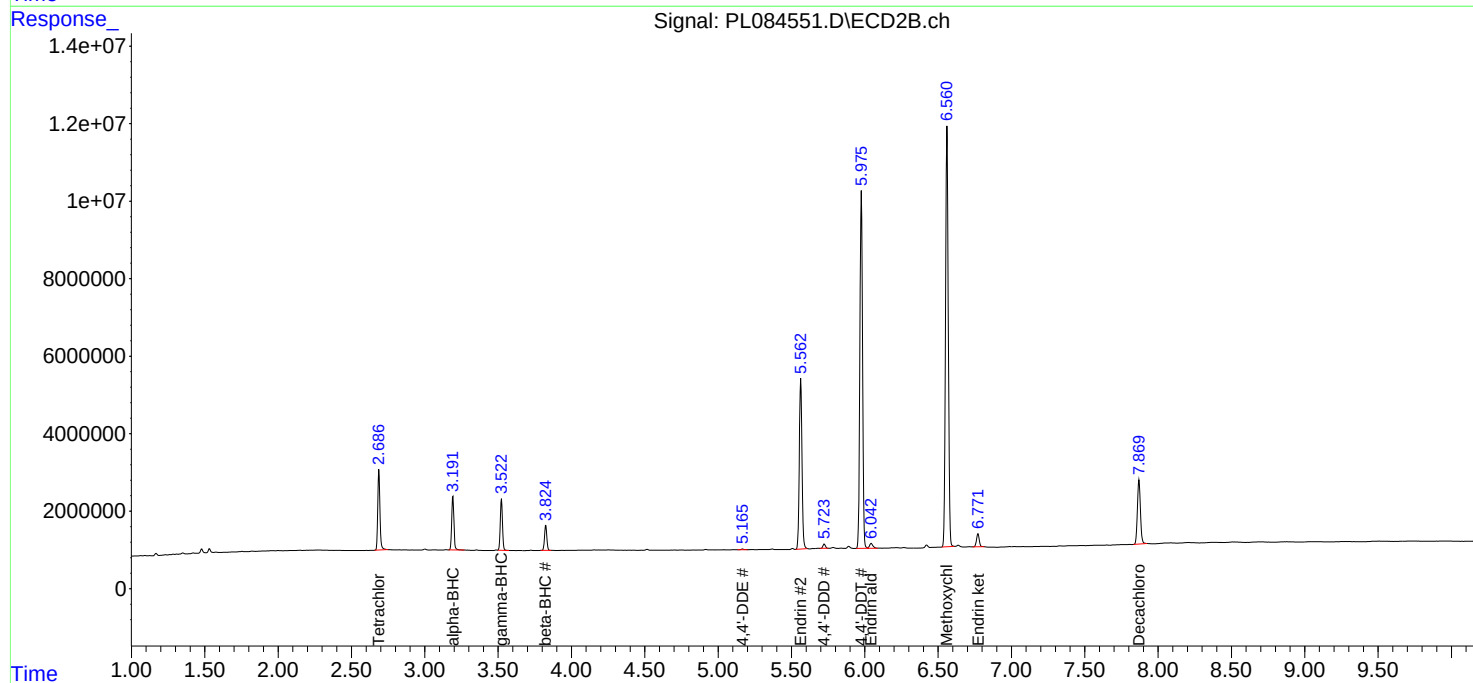
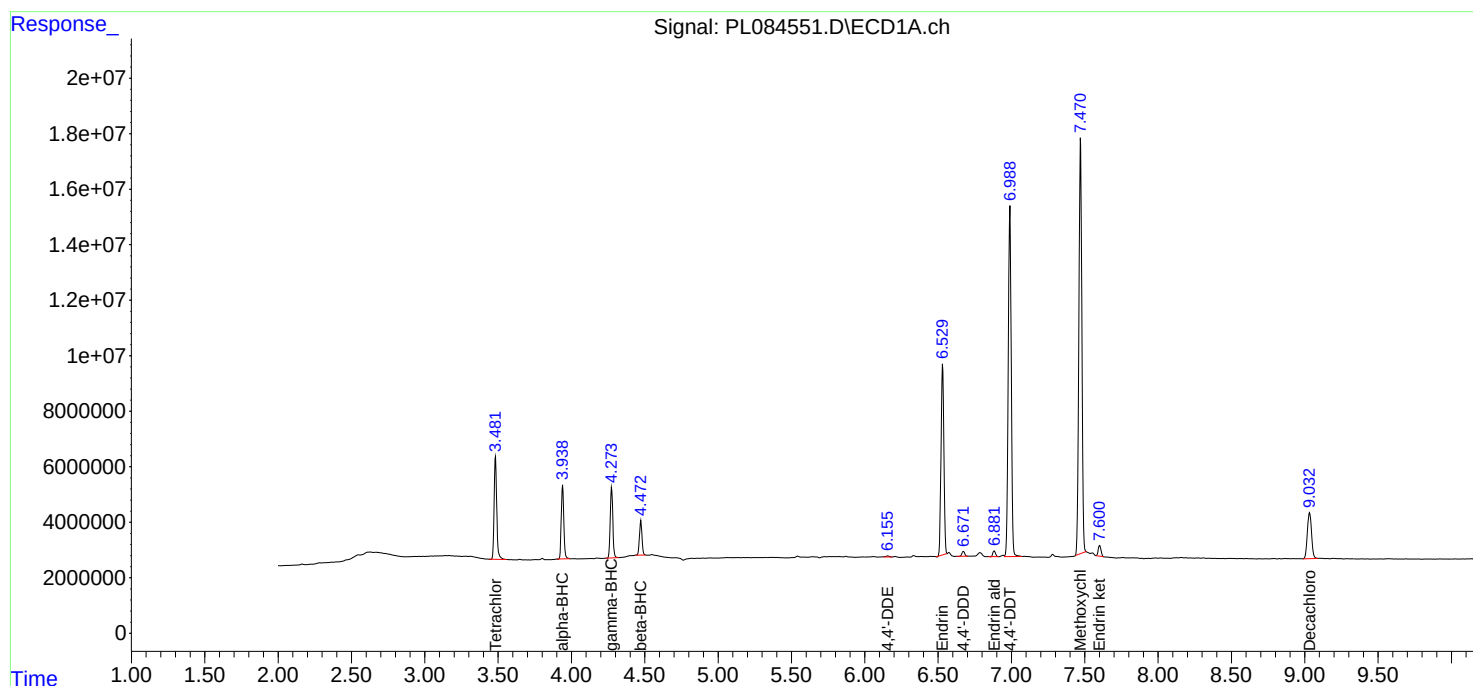
Instrument :
ECD_L
ClientSampleId :
PEM

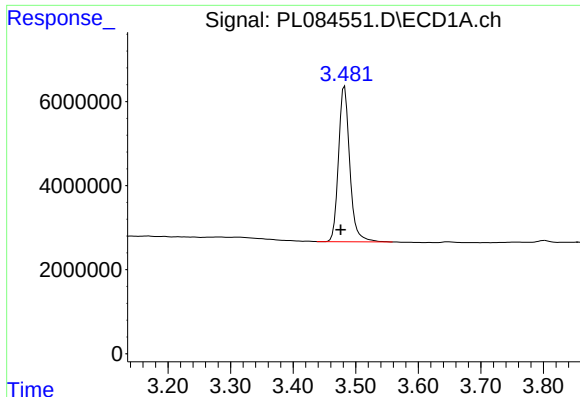
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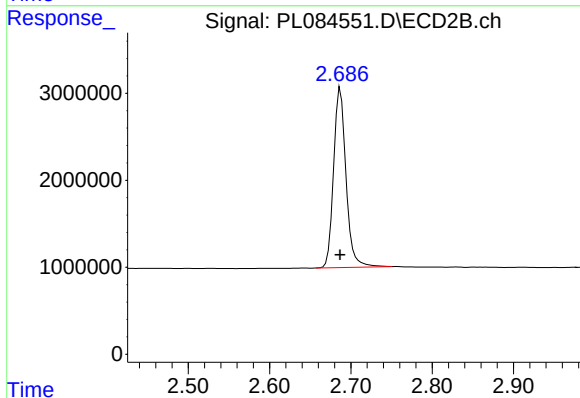
#1 Tetrachloro-m-xylene

R.T.: 3.482 min
Delta R.T.: 0.006 min
Response: 46259908
Conc: 19.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

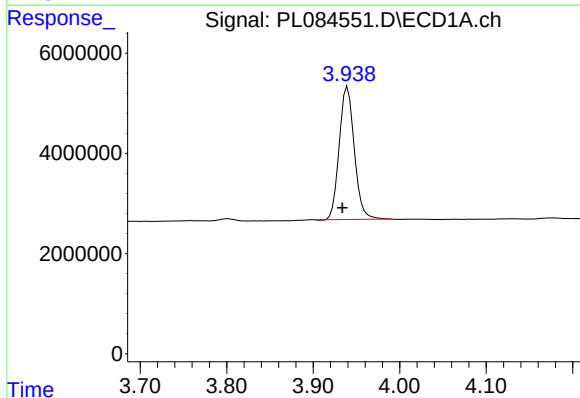
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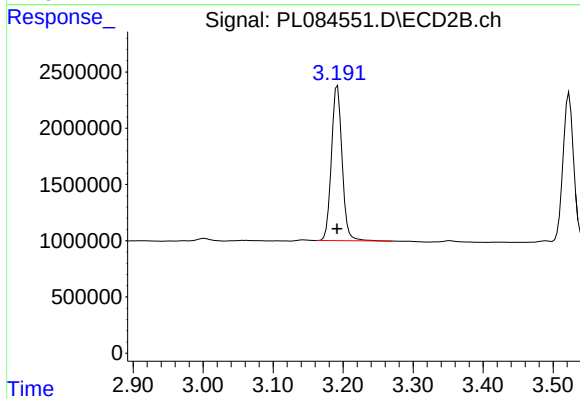
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 21961872
Conc: 20.20 ng/ml



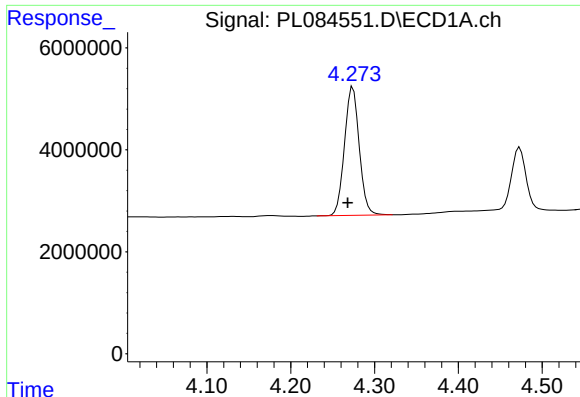
#2 alpha-BHC

R.T.: 3.940 min
Delta R.T.: 0.006 min
Response: 31934609
Conc: 9.67 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 14619660
Conc: 9.47 ng/ml



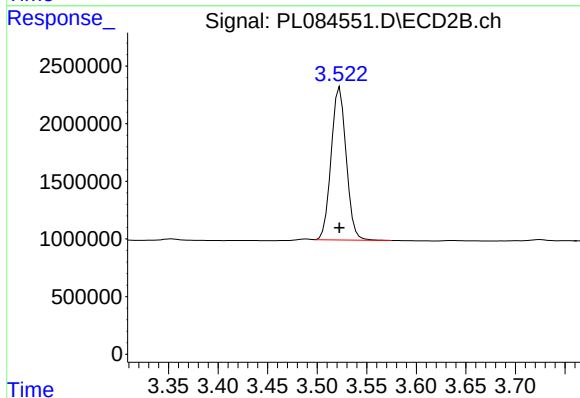
#3 gamma-BHC (Lindane)

R.T.: 4.274 min
Delta R.T.: 0.006 min
Response: 30910394
Conc: 9.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

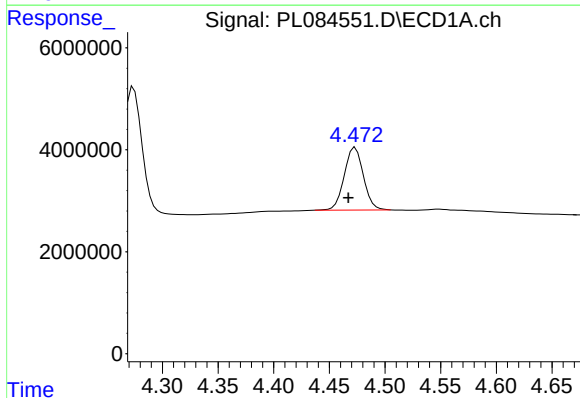
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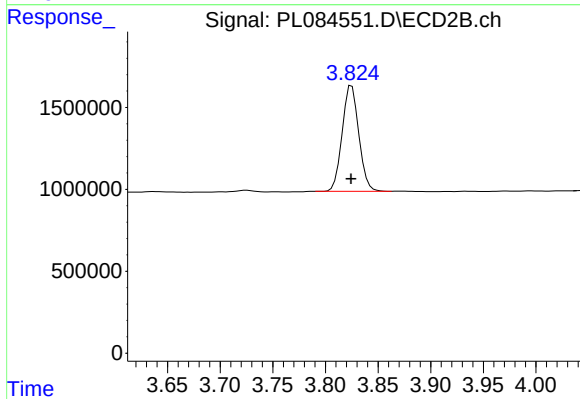
#3 gamma-BHC (Lindane)

R.T.: 3.522 min
Delta R.T.: -0.001 min
Response: 13973458
Conc: 9.20 ng/ml m



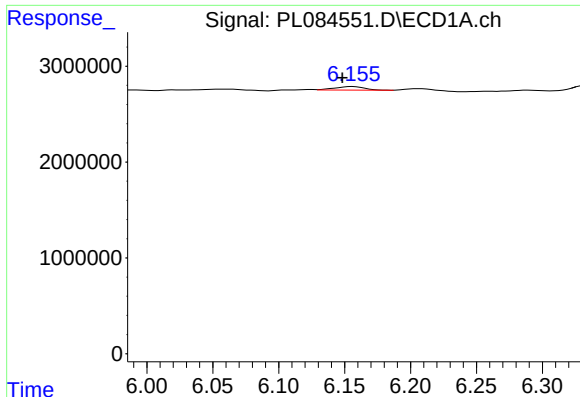
#6 beta-BHC

R.T.: 4.473 min
Delta R.T.: 0.006 min
Response: 14732038
Conc: 10.55 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 7117796
Conc: 10.62 ng/ml



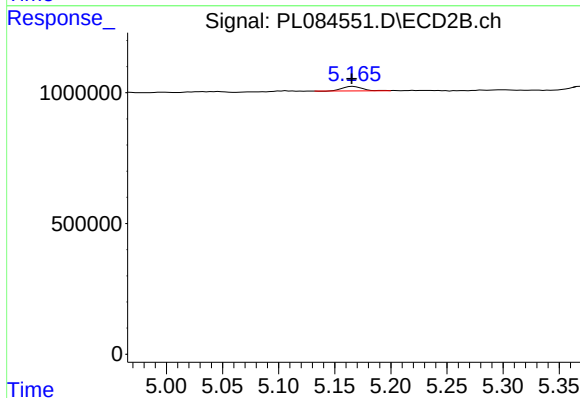
#12 4,4'-DDE

R.T.: 6.156 min
Delta R.T.: 0.008 min
Response: 584905
Conc: 0.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

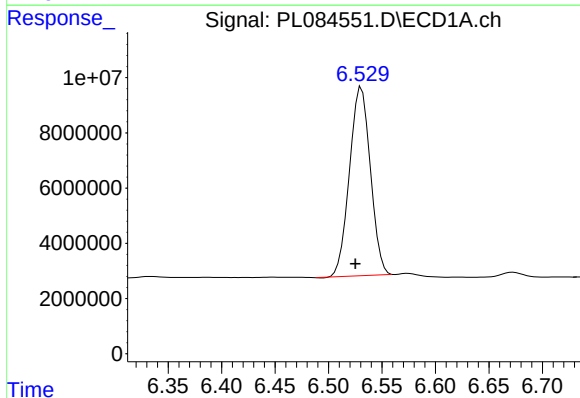
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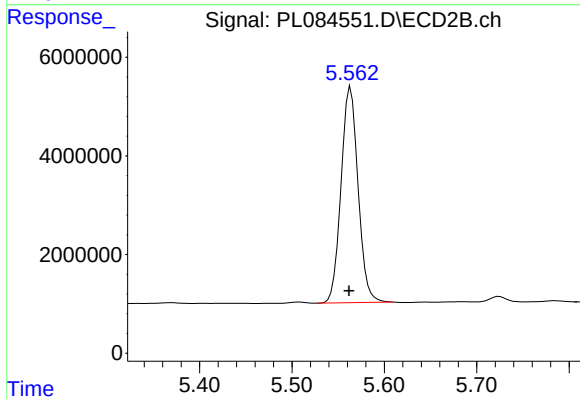
#12 4,4'-DDE

R.T.: 5.166 min
Delta R.T.: 0.001 min
Response: 211587
Conc: 0.17 ng/ml



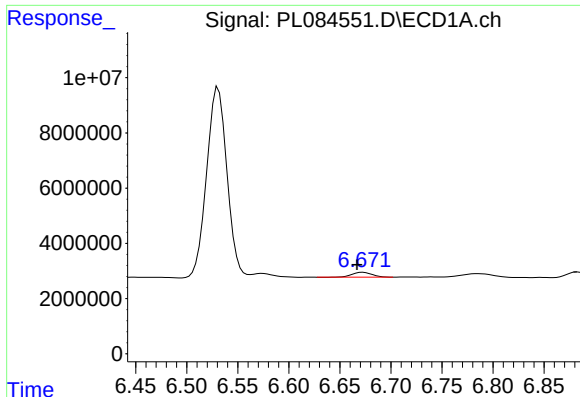
#14 Endrin

R.T.: 6.531 min
Delta R.T.: 0.006 min
Response: 93115534
Conc: 42.69 ng/ml



#14 Endrin

R.T.: 5.564 min
Delta R.T.: 0.002 min
Response: 56059058
Conc: 45.83 ng/ml



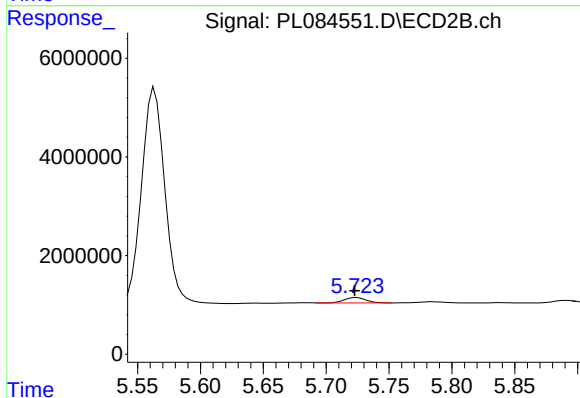
#16 4,4'-DDD

R.T.: 6.673 min
Delta R.T.: 0.006 min
Response: 2345180
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

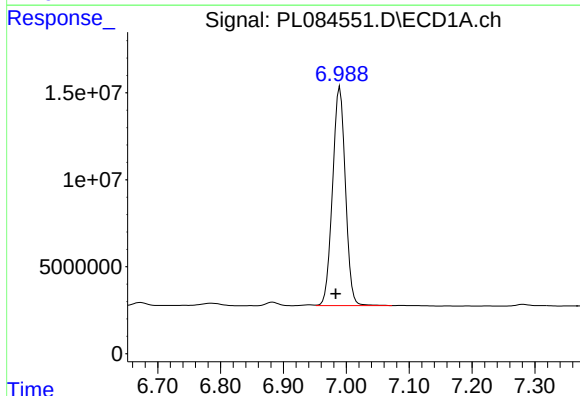
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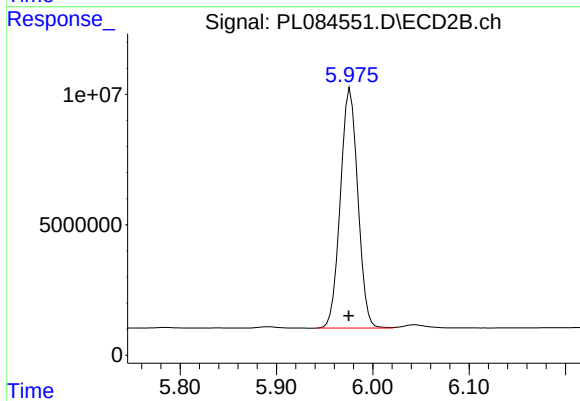
#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: 0.001 min
Response: 1262751
Conc: 1.22 ng/ml



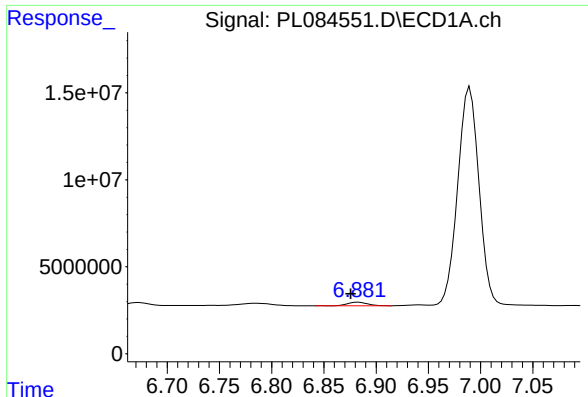
#17 4,4'-DDT

R.T.: 6.990 min
Delta R.T.: 0.006 min
Response: 178998063
Conc: 95.53 ng/ml



#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.002 min
Response: 115583437
Conc: 99.59 ng/ml



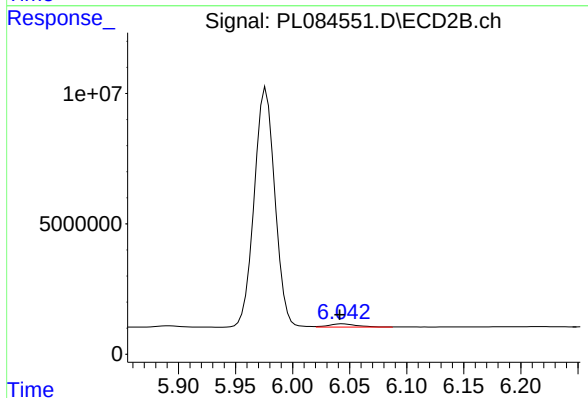
#18 Endrin aldehyde

R.T.: 6.883 min
Delta R.T.: 0.007 min
Response: 2611363
Conc: 1.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

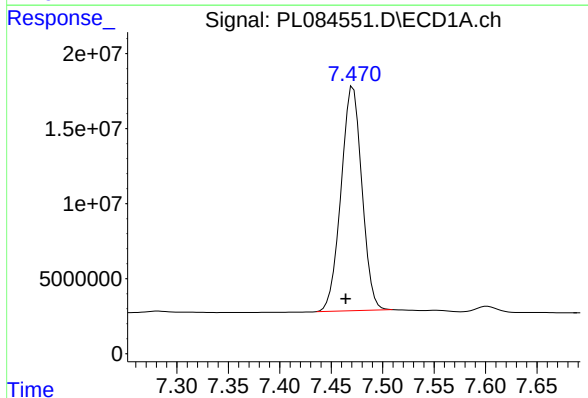
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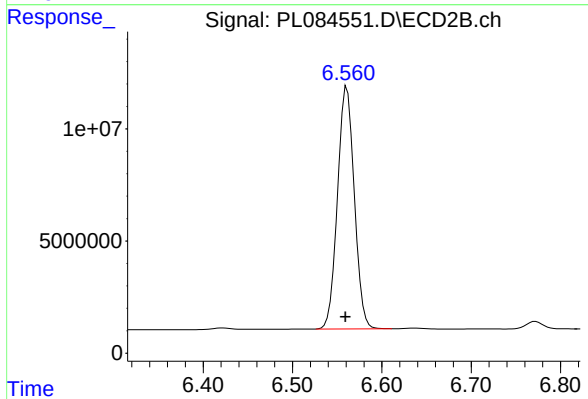
#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: 0.003 min
Response: 2071446
Conc: 2.09 ng/ml



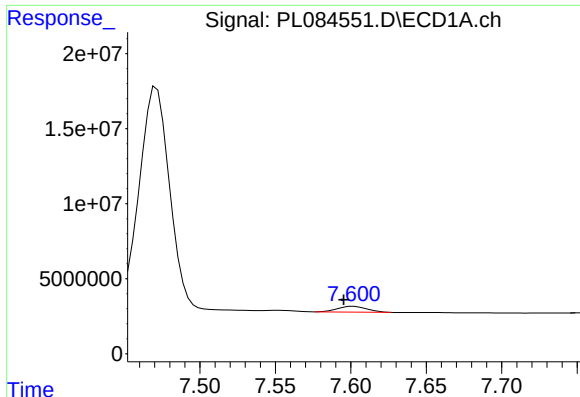
#20 Methoxychlor

R.T.: 7.470 min
Delta R.T.: 0.006 min
Response: 210796693
Conc: 219.65 ng/ml m



#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: 0.002 min
Response: 141094980
Conc: 205.65 ng/ml



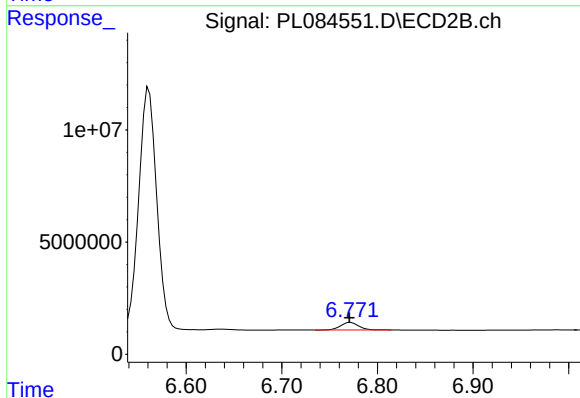
#21 Endrin ketone

R.T.: 7.600 min
Delta R.T.: 0.005 min
Response: 5161032
Conc: 2.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

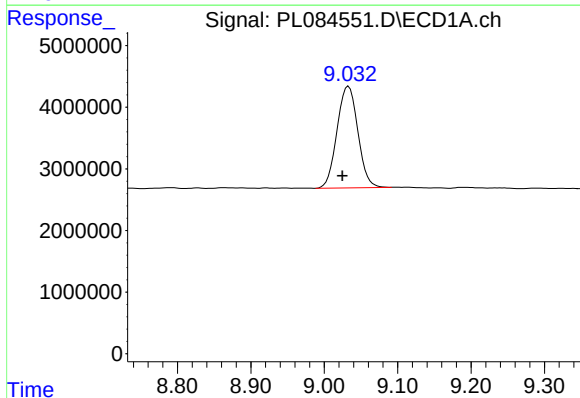
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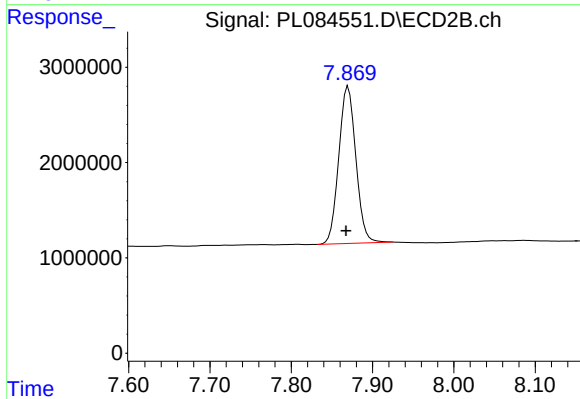
#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: 0.001 min
Response: 4421117
Conc: 3.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.033 min
Delta R.T.: 0.008 min
Response: 32554750
Conc: 20.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.870 min
Delta R.T.: 0.003 min
Response: 24076183
Conc: 19.31 ng/ml