

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072323\
 Data File : PL084112.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2023 08:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/24/2023
 Supervised By : Ankita Jodhani 07/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 03:48:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 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...	3.476	2.688	49759531	23074359	24.881	20.777
28)	SA Decachlor...	9.026	7.872	31215325	24808800	23.981	22.328
Target Compounds							
2)	A alpha-BHC	3.934	3.193	34037981	15461903	11.618	9.616
3)	MA gamma-BHC...	4.268	3.523	32624312	14635847	11.547	9.624
6)	B beta-BHC	4.467	3.825	15619893	7639326	13.018	11.574
12)	B 4,4'-DDE	6.151	5.168	606618	153034	0.302	0.125m#
14)	MA Endrin	6.525	5.565	100.7E6	58960284	52.863	53.637
16)	A 4,4'-DDD	6.667	5.726	5584105	2396209	3.803	2.498 #
17)	MA 4,4'-DDT	6.983	5.979	183.5E6	116.7E6	115.031	128.134
18)	B Endrin al...	6.877	6.045	3006909	1921727	2.052	2.138
20)	A Methoxychlor	7.464	6.563	223.9E6	145.0E6	286.238m	302.472
21)	B Endrin ke...	7.595	6.772	5399764	4618458	3.081m	3.574m

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

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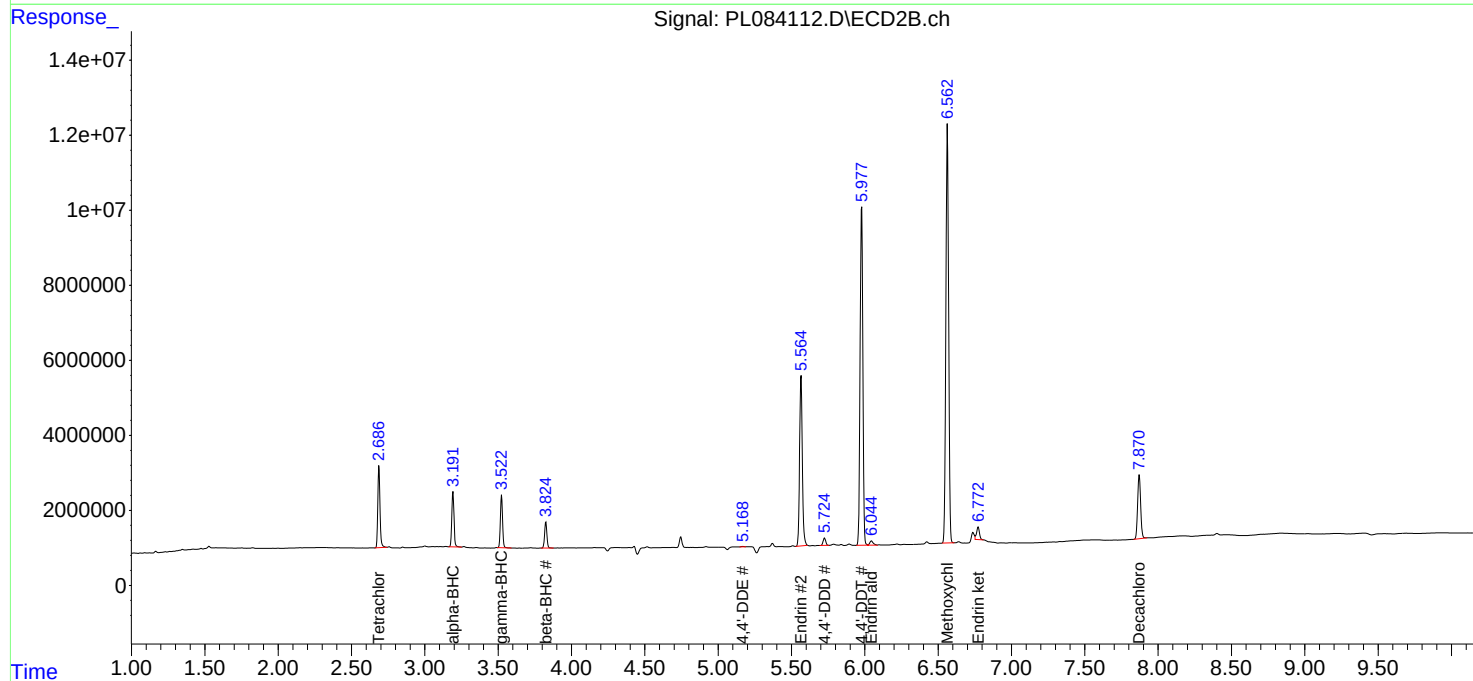
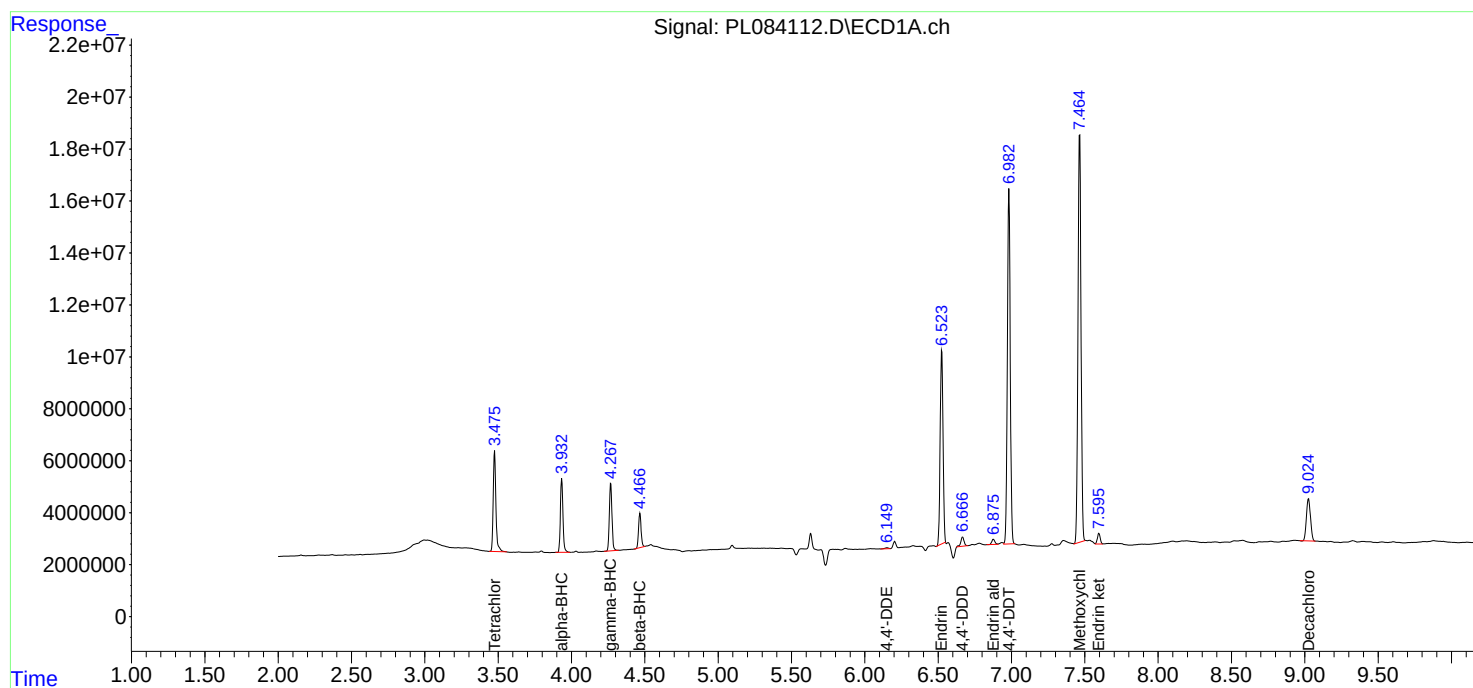
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ECD_L
ClientSampleId :
PEM

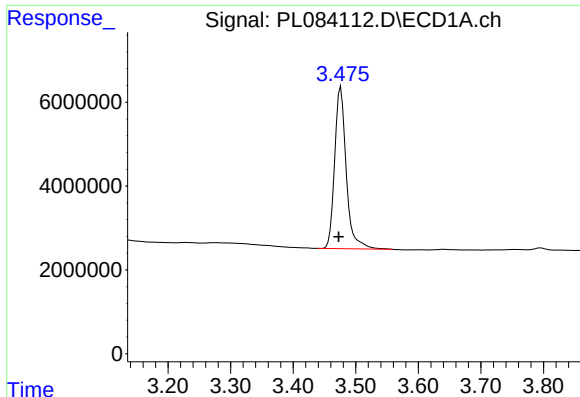
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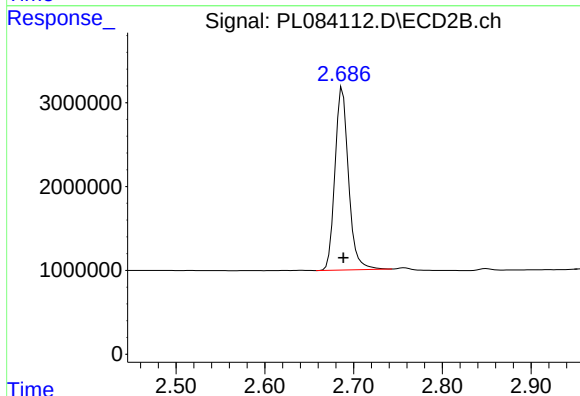
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 49759531
Conc: 24.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

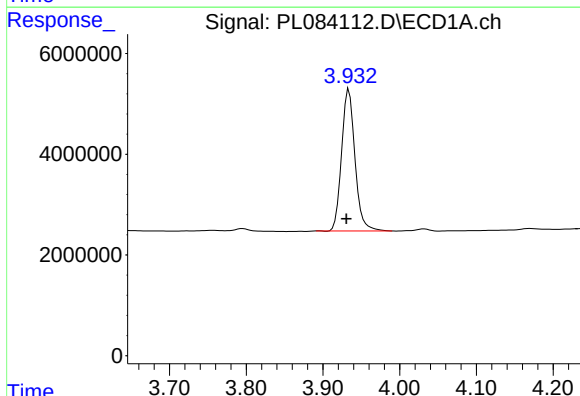
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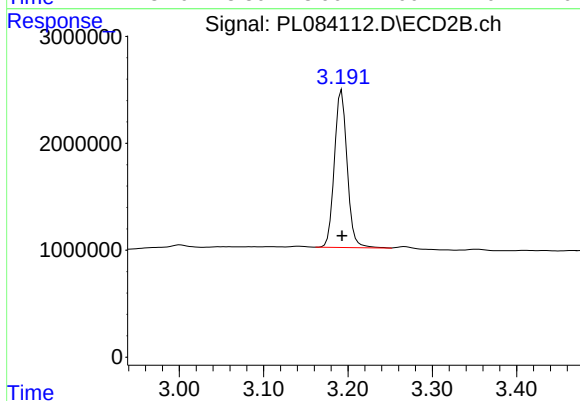
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 23074359
Conc: 20.78 ng/ml



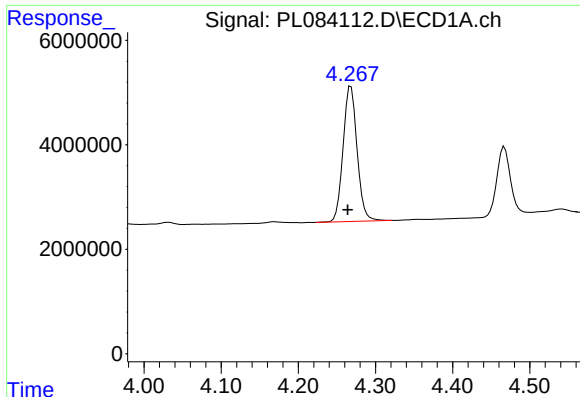
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.003 min
Response: 34037981
Conc: 11.62 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 15461903
Conc: 9.62 ng/ml



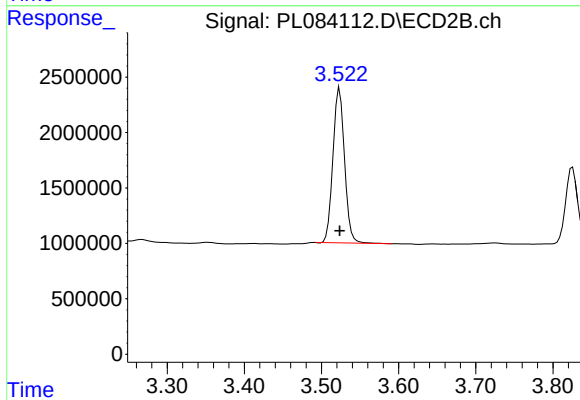
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.004 min
Response: 32624312
Conc: 11.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

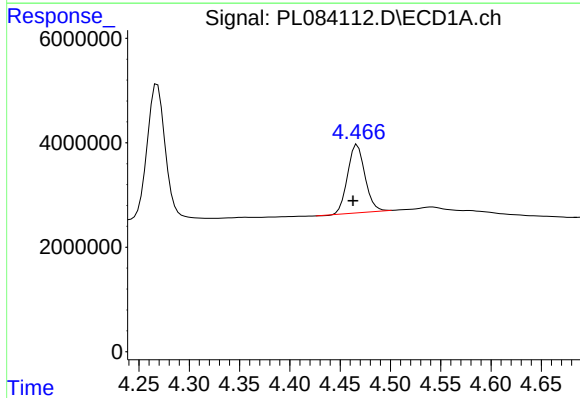
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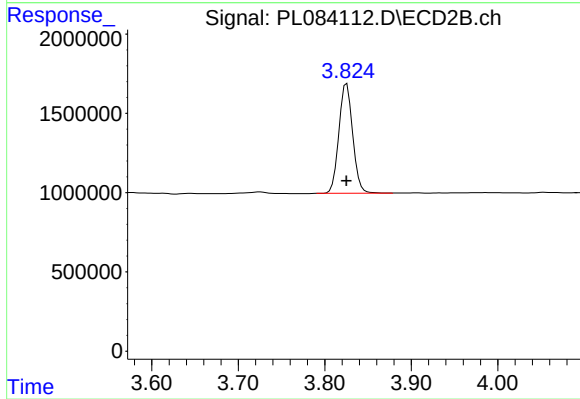
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 14635847
Conc: 9.62 ng/ml



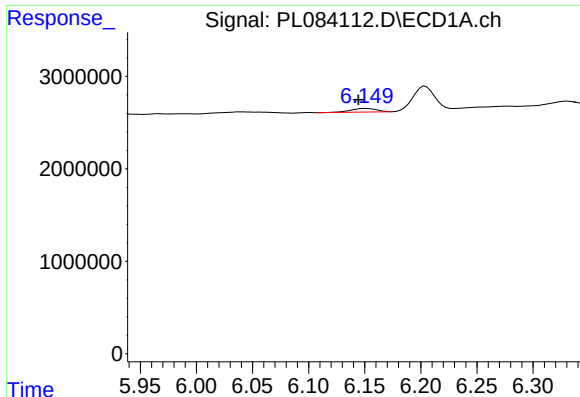
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.005 min
Response: 15619893
Conc: 13.02 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 7639326
Conc: 11.57 ng/ml



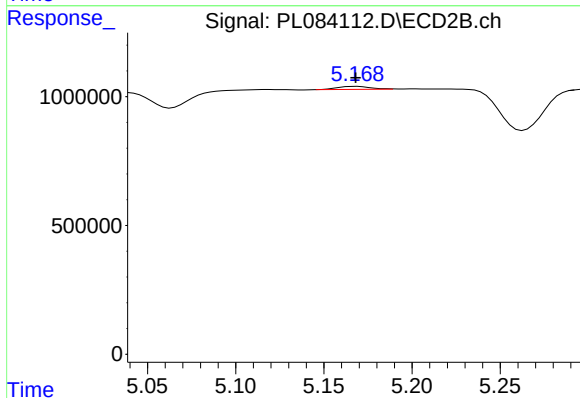
#12 4,4'-DDE

R.T.: 6.151 min
Delta R.T.: 0.007 min
Response: 606618
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

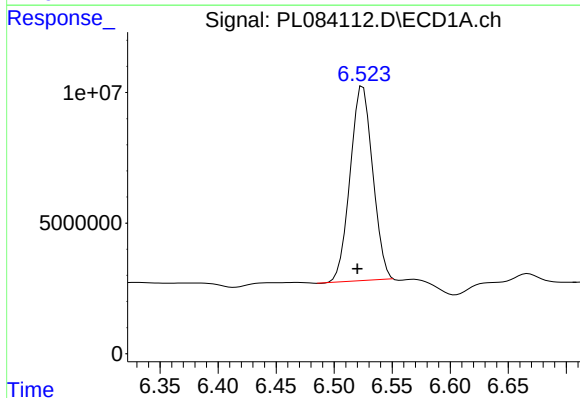
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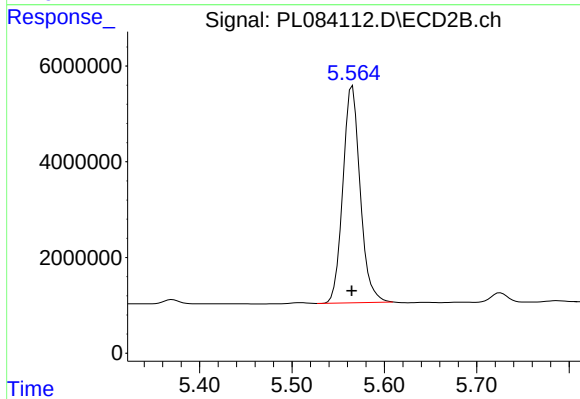
#12 4,4'-DDE

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 153034
Conc: 0.12 ng/ml m



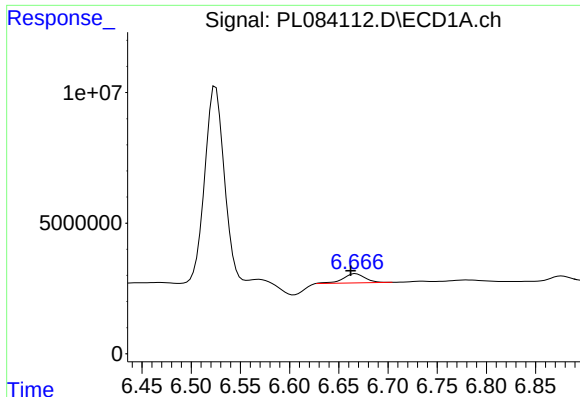
#14 Endrin

R.T.: 6.525 min
Delta R.T.: 0.005 min
Response: 100673479
Conc: 52.86 ng/ml



#14 Endrin

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 58960284
Conc: 53.64 ng/ml



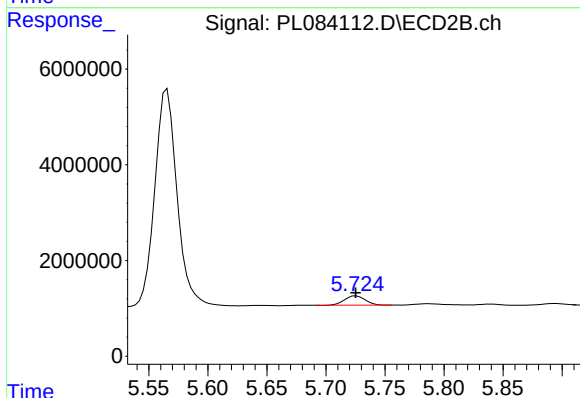
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.005 min
Response: 5584105
Conc: 3.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

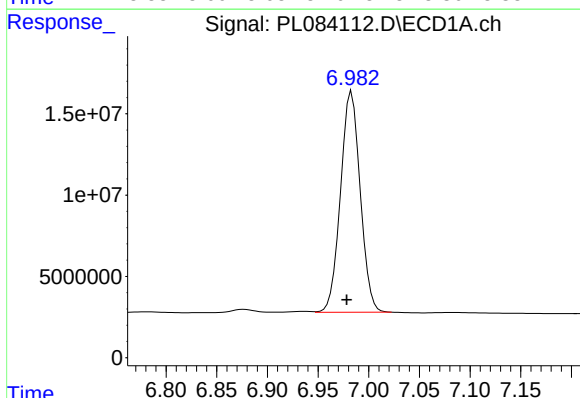
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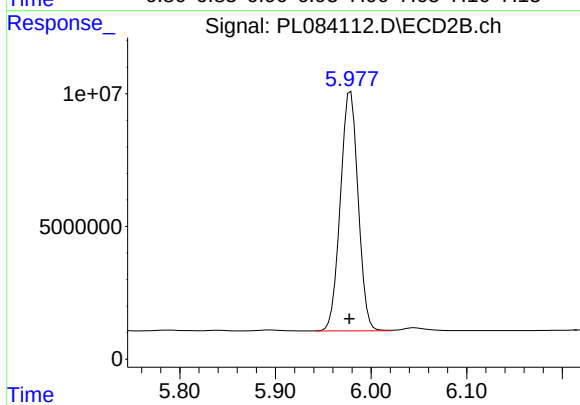
#16 4,4'-DDD

R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 2396209
Conc: 2.50 ng/ml



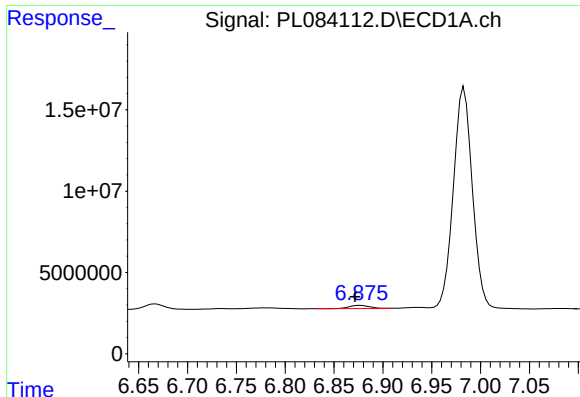
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.005 min
Response: 183451611
Conc: 115.03 ng/ml



#17 4,4'-DDT

R.T.: 5.979 min
Delta R.T.: 0.001 min
Response: 116704002
Conc: 128.13 ng/ml



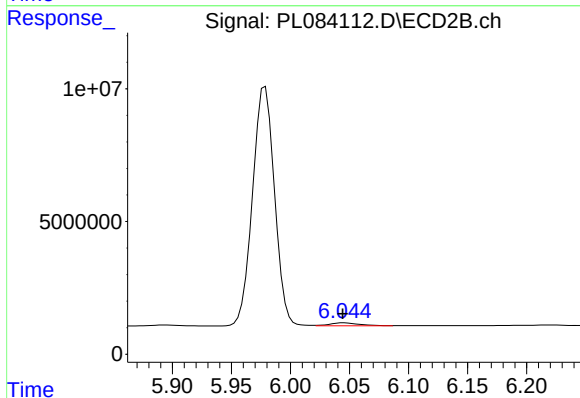
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.005 min
Response: 3006909
Conc: 2.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

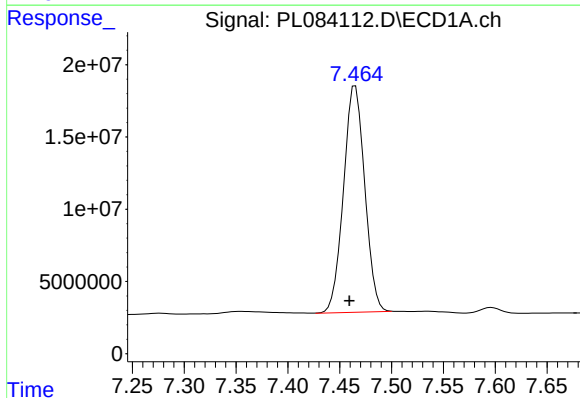
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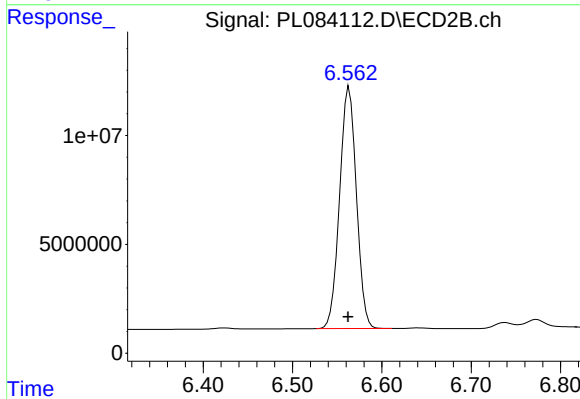
#18 Endrin aldehyde

R.T.: 6.045 min
Delta R.T.: 0.001 min
Response: 1921727
Conc: 2.14 ng/ml



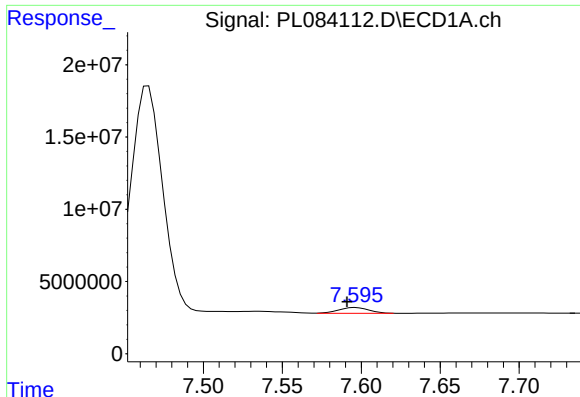
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.004 min
Response: 223901767
Conc: 286.24 ng/ml m



#20 Methoxychlor

R.T.: 6.563 min
Delta R.T.: 0.001 min
Response: 144957197
Conc: 302.47 ng/ml



#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: 0.004 min
Response: 5399764
Conc: 3.08 ng/ml

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#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: -0.001 min
Response: 4618458
Conc: 3.57 ng/ml m

#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.008 min
Response: 31215325
Conc: 23.98 ng/ml

#28 Decachlorobiphenyl

R.T.: 7.872 min
Delta R.T.: 0.000 min
Response: 24808800
Conc: 22.33 ng/ml