

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072823\
 Data File : PL084329.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 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 07/31/2023
 Supervised By : Ankita Jodhani 07/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 22:27:20 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...	3.482	2.690	43595240	21771229	21.799	19.604
28)	SA Decachlor...	9.029	7.872	32740812	25014683	25.153	22.513
Target Compounds							
2)	A alpha-BHC	3.939	3.194	30550527	14698905	10.427	9.142
3)	MA gamma-BHC...	4.273	3.525	28972504	13910269	10.255	9.147
6)	B beta-BHC	4.473	3.827	14374935	7274832	11.981	11.021
12)	B 4,4'-DDE	6.152	5.168	772105	377973	0.384	0.308
14)	MA Endrin	6.528	5.565	88651851	55113664	46.550m	50.138
16)	A 4,4'-DDD	6.671	5.726	7691694	4493314	5.238	4.684
17)	MA 4,4'-DDT	6.987	5.978	156.2E6	113.6E6	97.920	124.753 #
18)	B Endrin al...	6.880	6.045	3104796	2263189	2.119	2.518
20)	A Methoxychlor	7.467	6.562	191.0E6	142.1E6	244.207m	296.560
21)	B Endrin ke...	7.598	6.773	6644894	5357785	3.792m	4.147

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

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Acq On : 28 Jul 2023 08:44
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Misc :
ALS Vial : 3 Sample Multiplier: 1

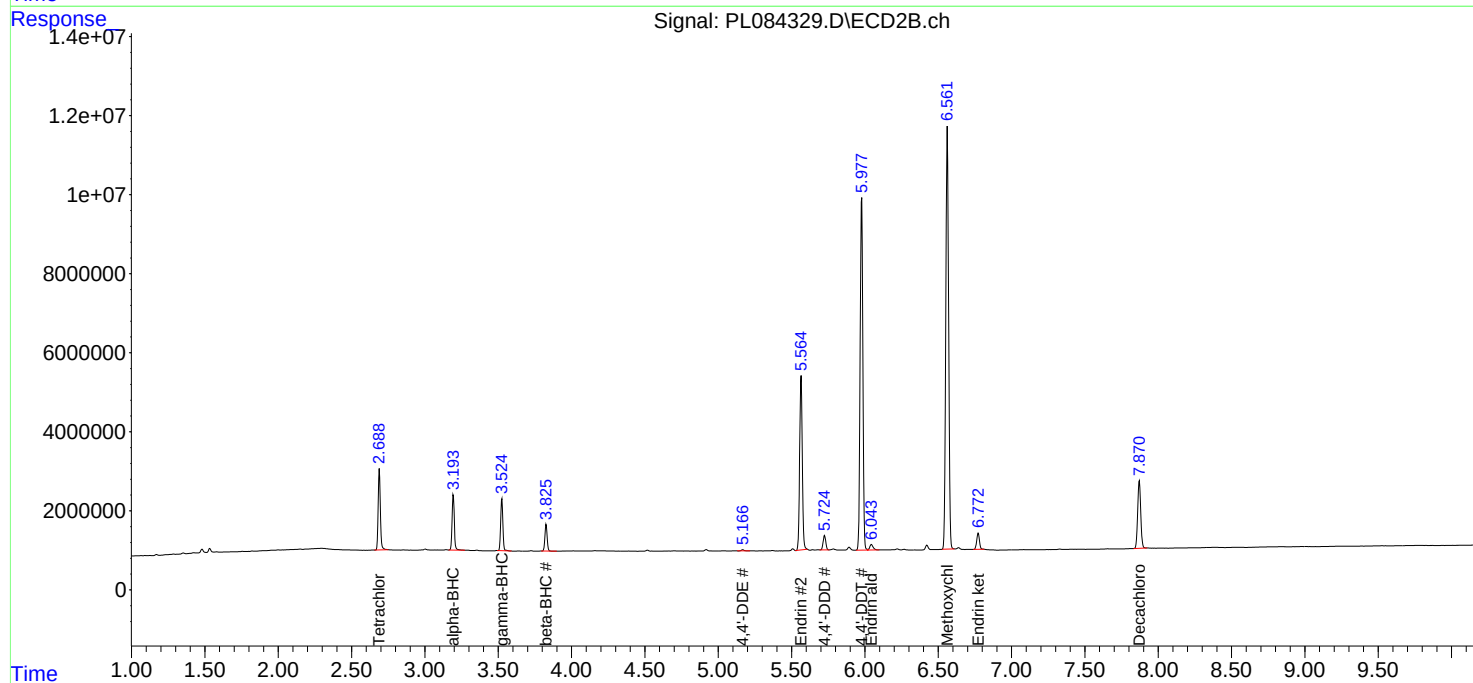
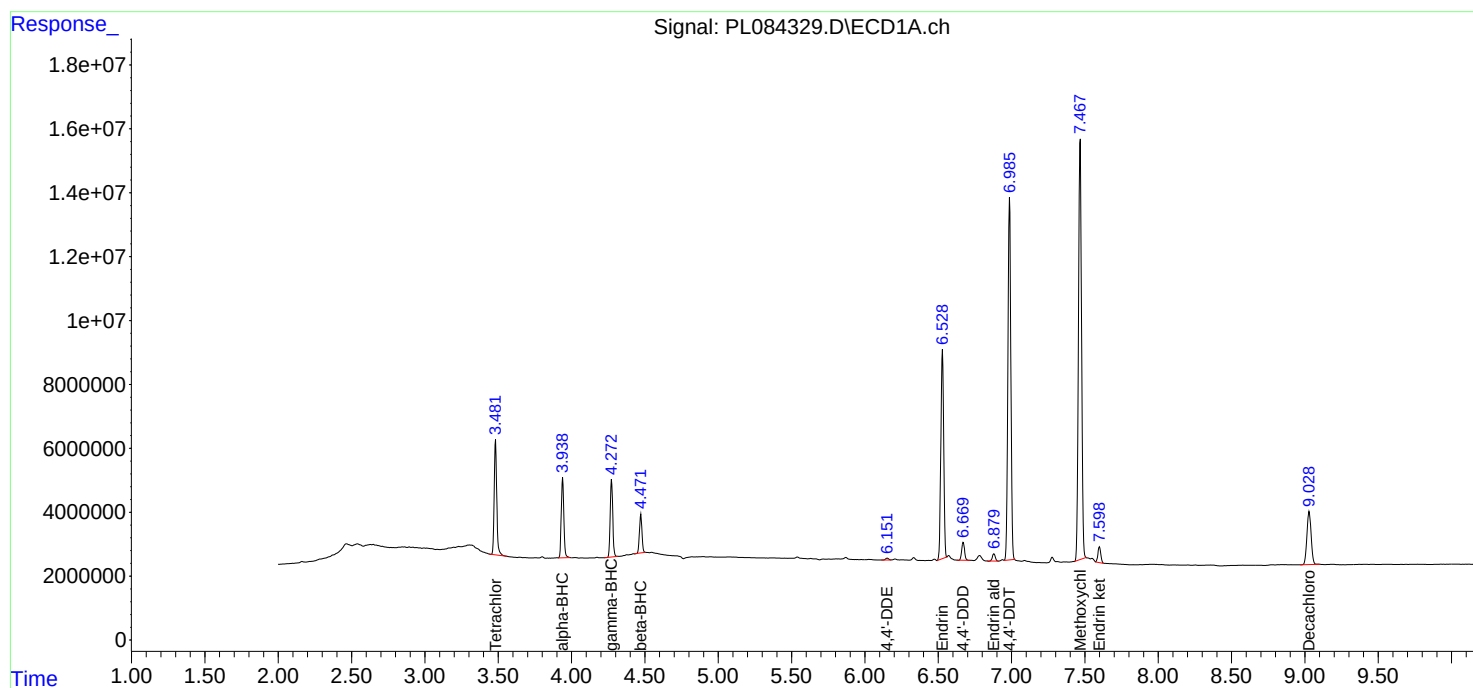
Instrument :
ECD_L
ClientSampleId :
PEM

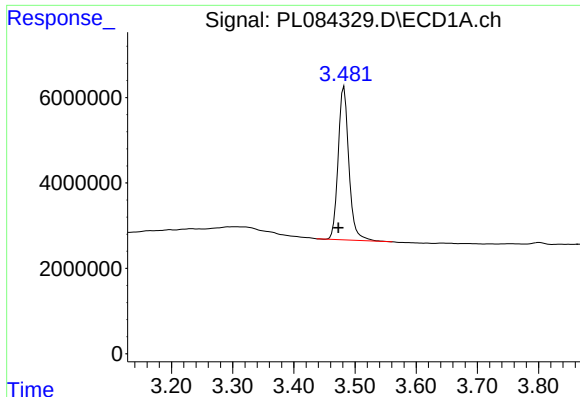
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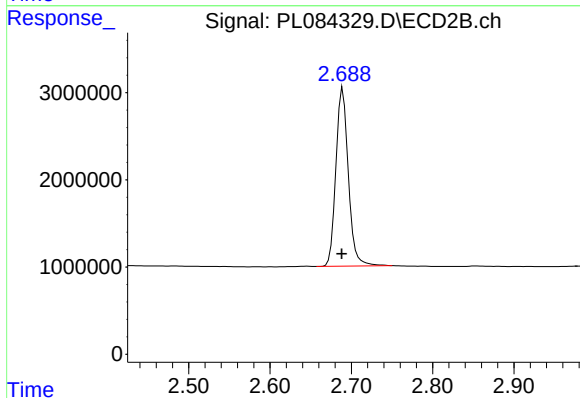
#1 Tetrachloro-m-xylene

R.T.: 3.482 min
Delta R.T.: 0.009 min
Response: 43595240
Conc: 21.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

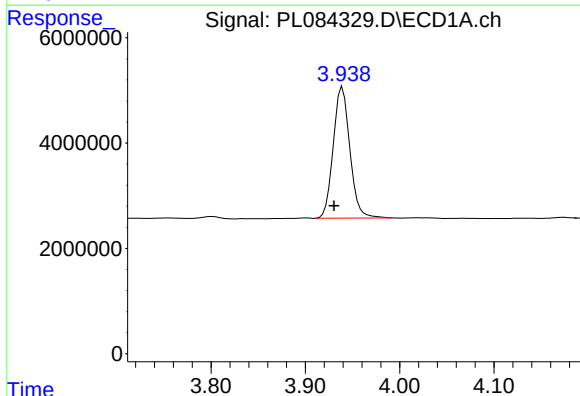
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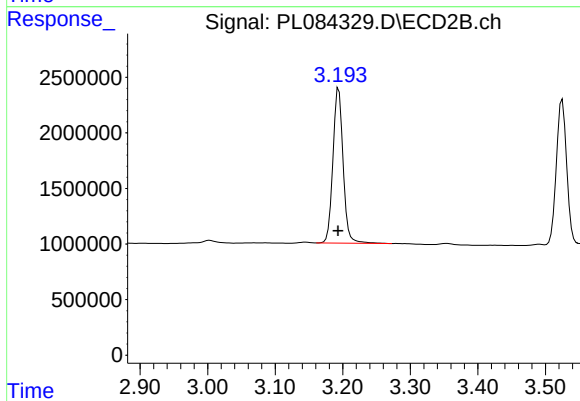
#1 Tetrachloro-m-xylene

R.T.: 2.690 min
Delta R.T.: 0.001 min
Response: 21771229
Conc: 19.60 ng/ml



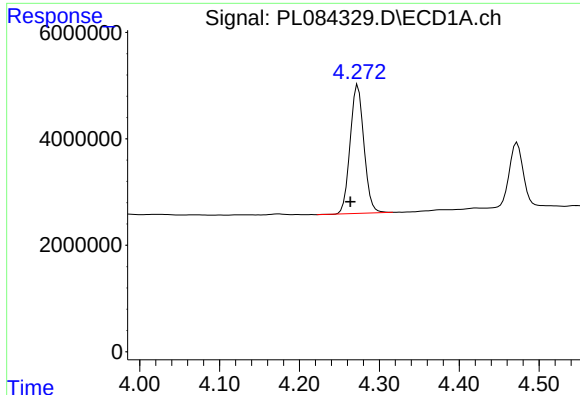
#2 alpha-BHC

R.T.: 3.939 min
Delta R.T.: 0.009 min
Response: 30550527
Conc: 10.43 ng/ml



#2 alpha-BHC

R.T.: 3.194 min
Delta R.T.: 0.000 min
Response: 14698905
Conc: 9.14 ng/ml



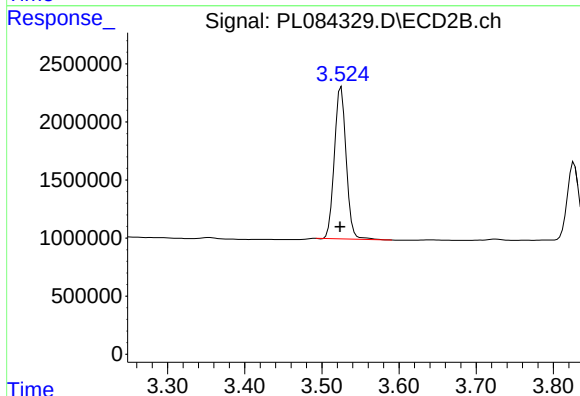
#3 gamma-BHC (Lindane)

R.T.: 4.273 min
Delta R.T.: 0.009 min
Response: 28972504
Conc: 10.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

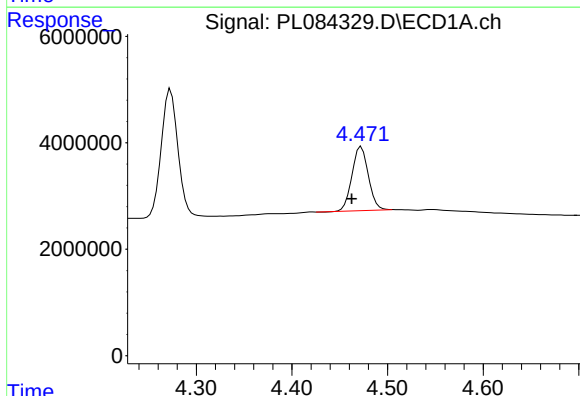
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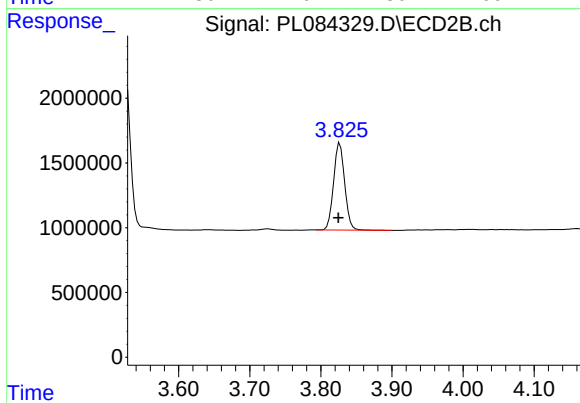
#3 gamma-BHC (Lindane)

R.T.: 3.525 min
Delta R.T.: 0.001 min
Response: 13910269
Conc: 9.15 ng/ml



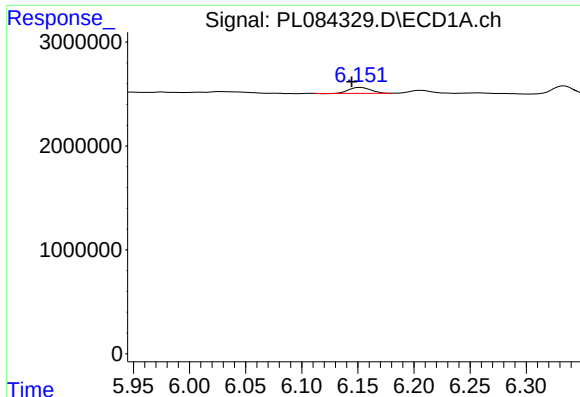
#6 beta-BHC

R.T.: 4.473 min
Delta R.T.: 0.010 min
Response: 14374935
Conc: 11.98 ng/ml



#6 beta-BHC

R.T.: 3.827 min
Delta R.T.: 0.002 min
Response: 7274832
Conc: 11.02 ng/ml



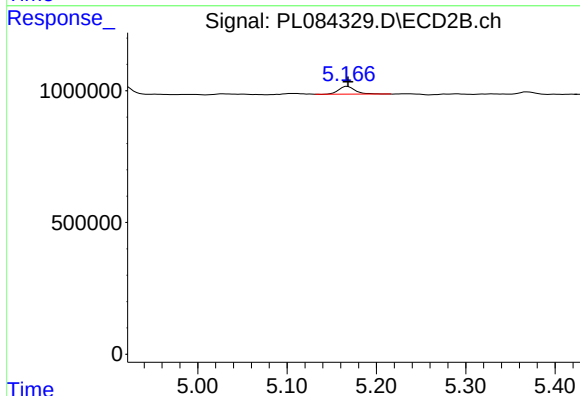
#12 4,4'-DDE

R.T.: 6.152 min
Delta R.T.: 0.008 min
Response: 772105
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

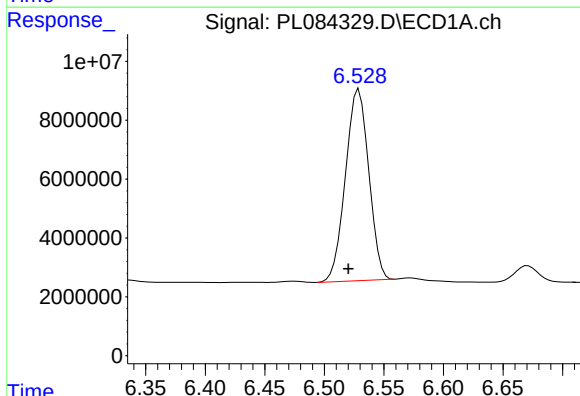
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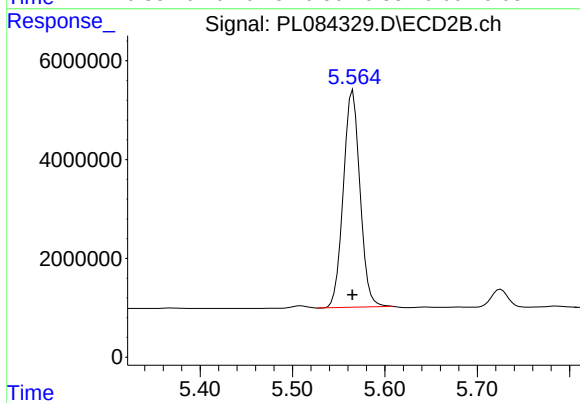
#12 4,4'-DDE

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 377973
Conc: 0.31 ng/ml



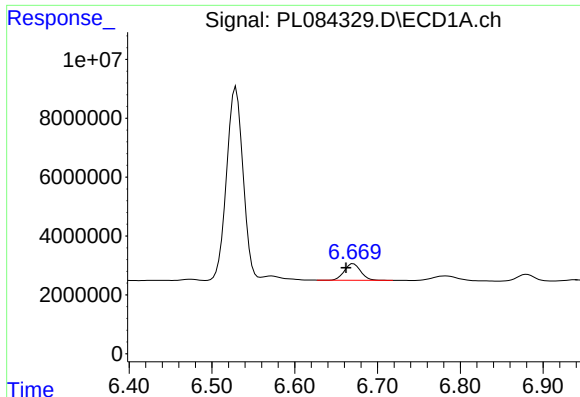
#14 Endrin

R.T.: 6.528 min
Delta R.T.: 0.007 min
Response: 88651851
Conc: 46.55 ng/ml m



#14 Endrin

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 55113664
Conc: 50.14 ng/ml



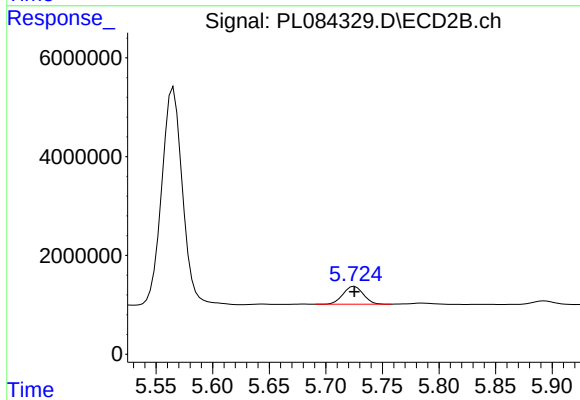
#16 4,4'-DDD

R.T.: 6.671 min
Delta R.T.: 0.009 min
Response: 7691694
Conc: 5.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

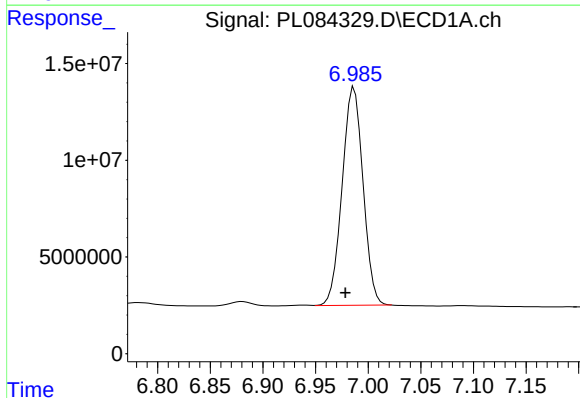
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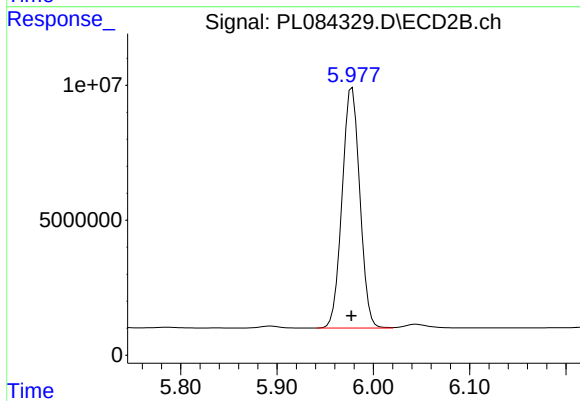
#16 4,4'-DDD

R.T.: 5.726 min
Delta R.T.: 0.000 min
Response: 4493314
Conc: 4.68 ng/ml



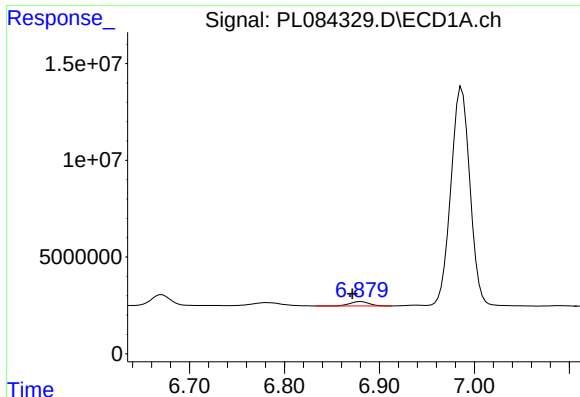
#17 4,4'-DDT

R.T.: 6.987 min
Delta R.T.: 0.008 min
Response: 156162244
Conc: 97.92 ng/ml



#17 4,4'-DDT

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 113624570
Conc: 124.75 ng/ml



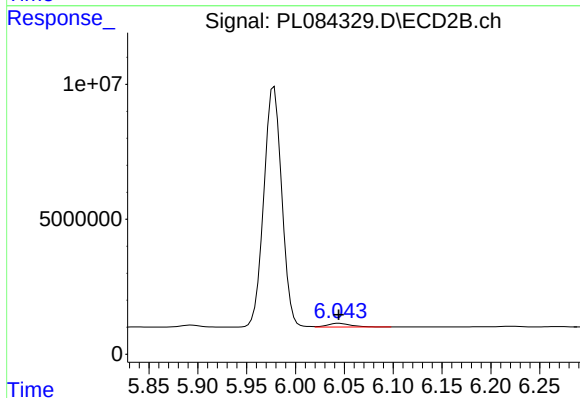
#18 Endrin aldehyde

R.T.: 6.880 min
Delta R.T.: 0.009 min
Response: 3104796
Conc: 2.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

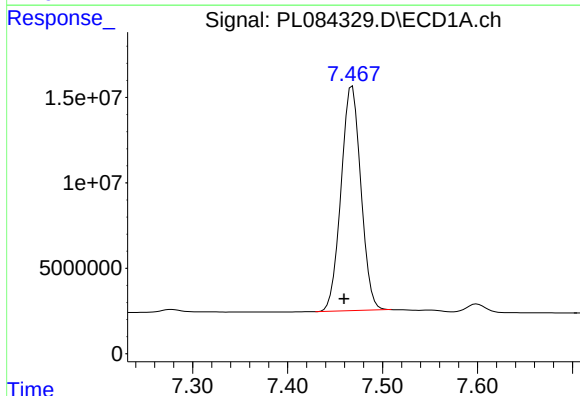
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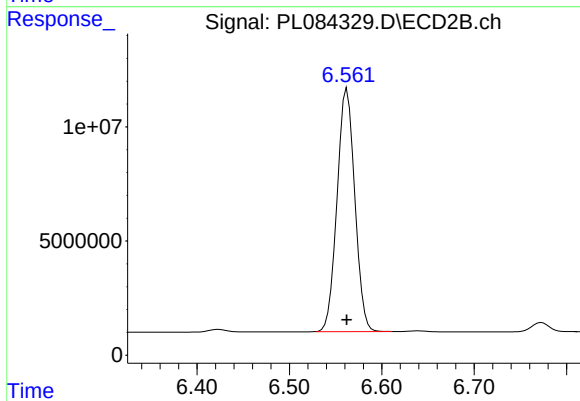
#18 Endrin aldehyde

R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 2263189
Conc: 2.52 ng/ml



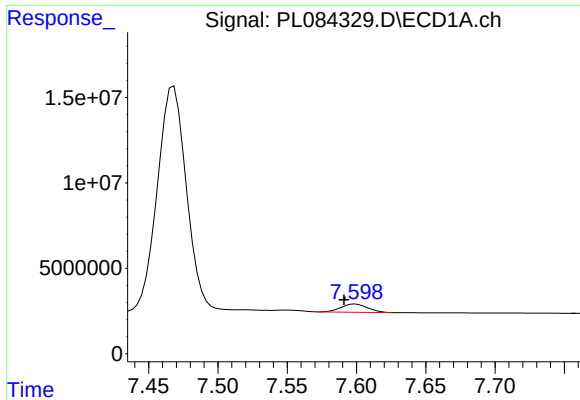
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.007 min
Response: 191024183
Conc: 244.21 ng/ml m



#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 142123772
Conc: 296.56 ng/ml



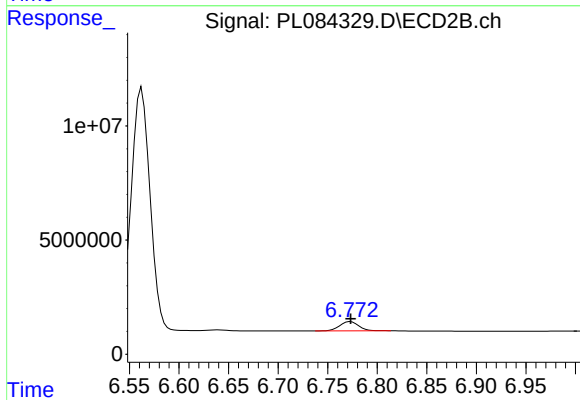
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.007 min
Response: 6644894
Conc: 3.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

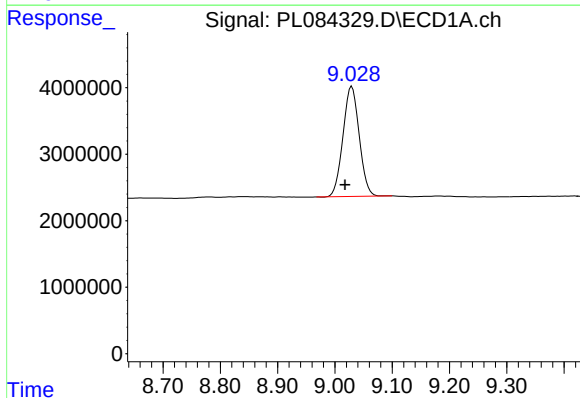
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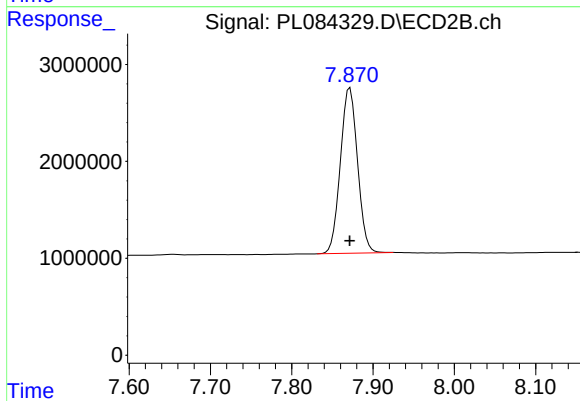
#21 Endrin ketone

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 5357785
Conc: 4.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.012 min
Response: 32740812
Conc: 25.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.872 min
Delta R.T.: 0.000 min
Response: 25014683
Conc: 22.51 ng/ml