

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062823\
 Data File : PL083755.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jun 2023 08:29
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/29/2023
 Supervised By : Ankita Jodhani 06/29/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 29 02:20:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 26 10:45:09 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...	3.431	2.693	56843122	64571439	22.878	22.239
28)	SA Decachlor...	8.974	7.881	40586898	57551427	23.764	23.276
Target Compounds							
2)	A alpha-BHC	3.888	3.198	40478273	42424016	10.780	10.124
3)	MA gamma-BHC...	4.221	3.528	38506442	39867857	11.053	9.975
6)	B beta-BHC	4.421	3.830	18215635	19855392	12.132	11.817
12)	B 4,4'-DDE	6.105	5.172	799631	334373	0.279m	0.120m#
14)	MA Endrin	6.478	5.572	127.7E6	142.8E6	48.405	53.681
16)	A 4,4'-DDD	6.623	5.732	15892883	14618285	7.342	6.742
17)	MA 4,4'-DDT	6.939	5.985	234.6E6	278.3E6	99.872	112.221
18)	B Endrin al...	6.831	6.050	4413972	4930015	2.385	2.411m
20)	A Methoxychlor	7.422	6.568	289.3E6	346.0E6	250.117	273.252m
21)	B Endrin ke...	7.550	6.771	10787030	16468568	4.644m	5.682m

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

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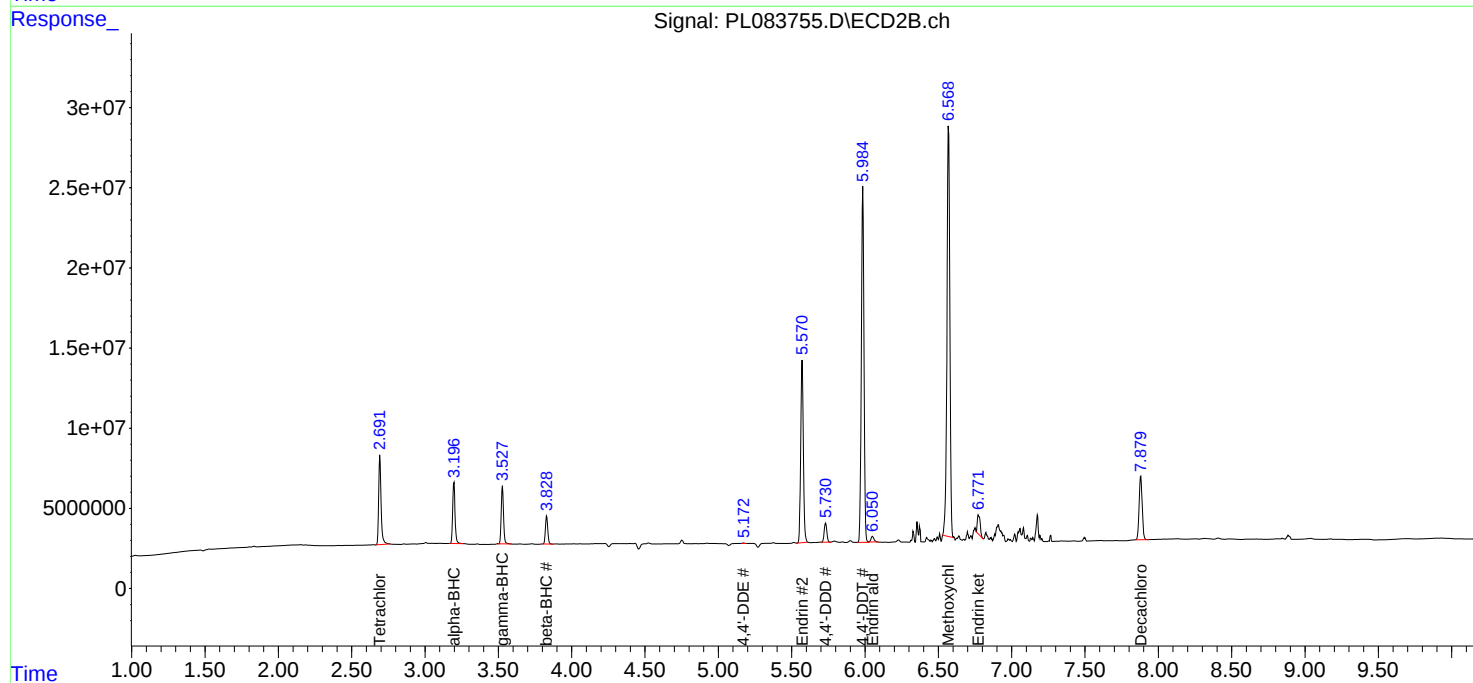
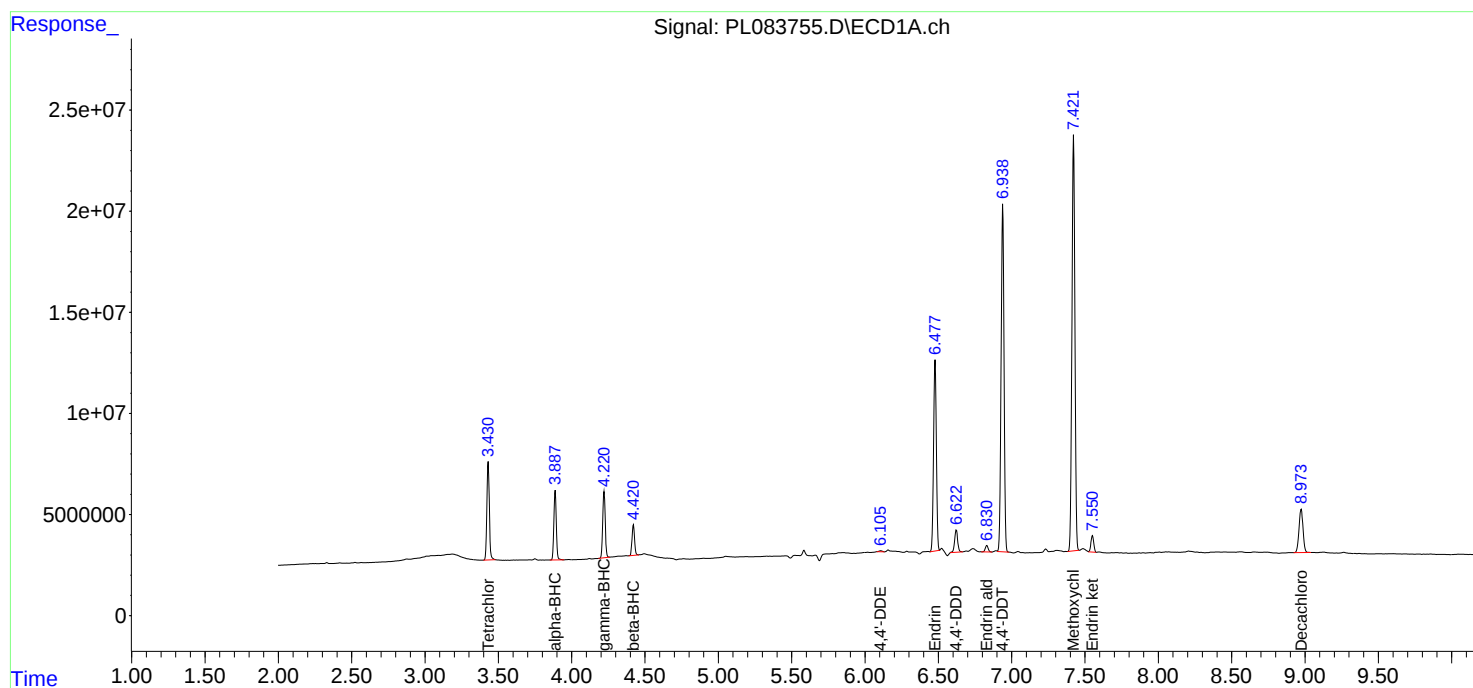
Instrument :
ECD_L
ClientSampleId :
PEM

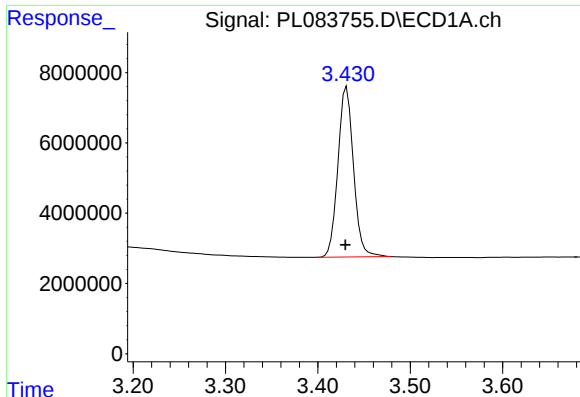
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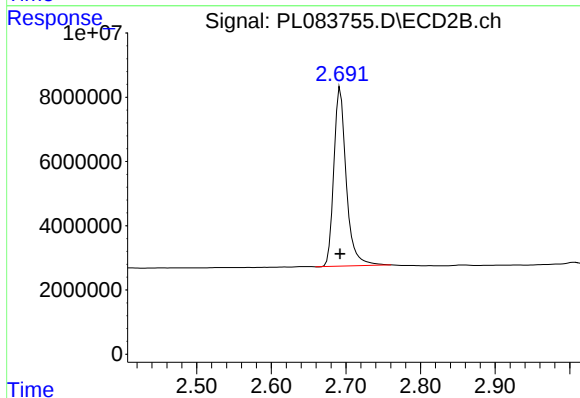
#1 Tetrachloro-m-xylene

R.T.: 3.431 min
Delta R.T.: 0.001 min
Response: 56843122
Conc: 22.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

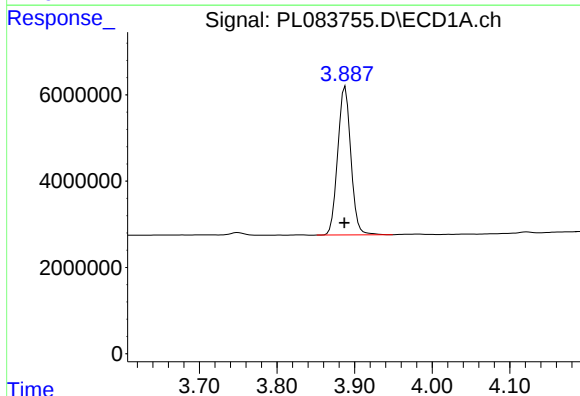
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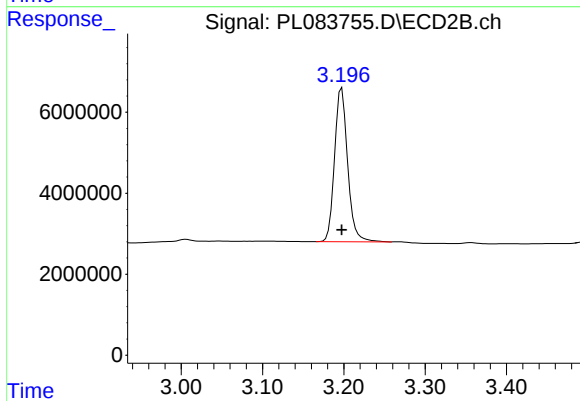
#1 Tetrachloro-m-xylene

R.T.: 2.693 min
Delta R.T.: 0.000 min
Response: 64571439
Conc: 22.24 ng/ml



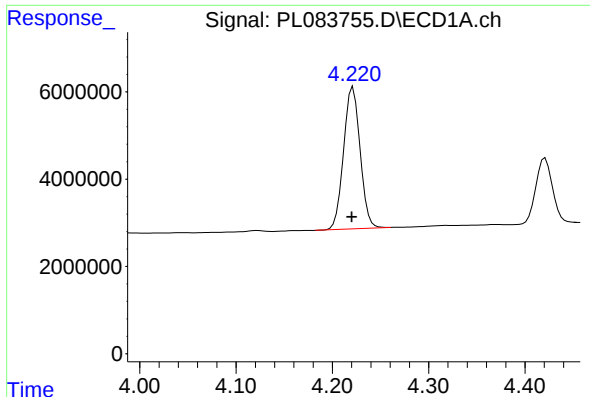
#2 alpha-BHC

R.T.: 3.888 min
Delta R.T.: 0.001 min
Response: 40478273
Conc: 10.78 ng/ml



#2 alpha-BHC

R.T.: 3.198 min
Delta R.T.: 0.000 min
Response: 42424016
Conc: 10.12 ng/ml



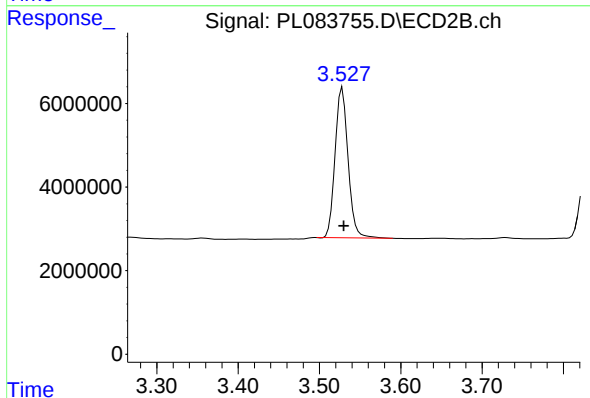
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.001 min
Response: 38506442
Conc: 11.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

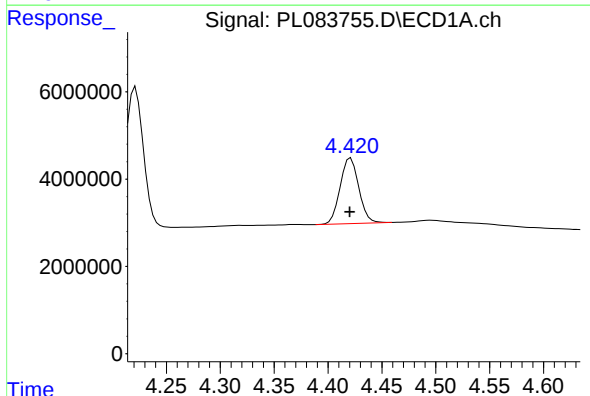
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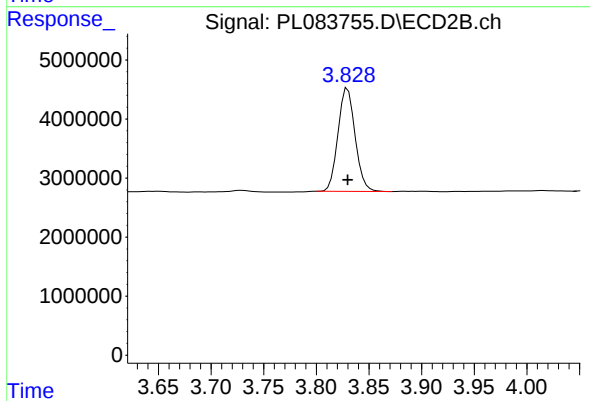
#3 gamma-BHC (Lindane)

R.T.: 3.528 min
Delta R.T.: -0.002 min
Response: 39867857
Conc: 9.98 ng/ml



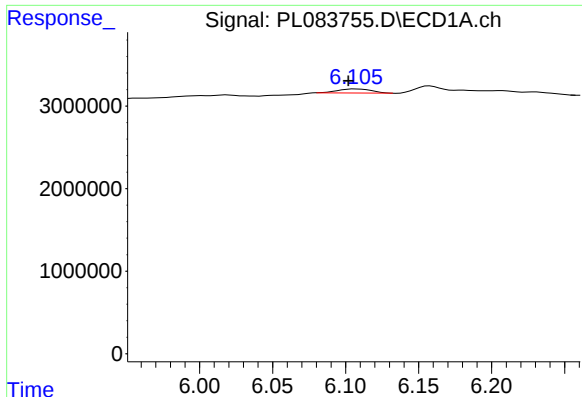
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 18215635
Conc: 12.13 ng/ml



#6 beta-BHC

R.T.: 3.830 min
Delta R.T.: 0.000 min
Response: 19855392
Conc: 11.82 ng/ml



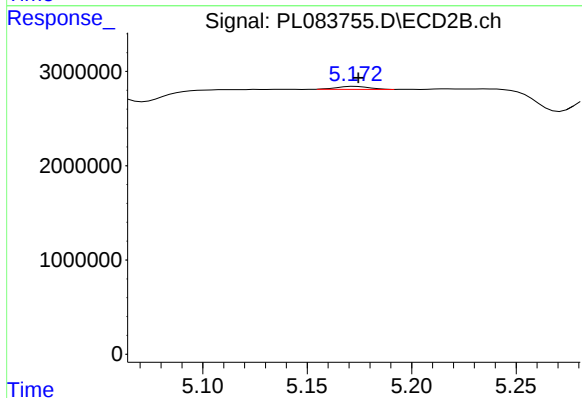
#12 4,4'-DDE

R.T.: 6.105 min
Delta R.T.: 0.003 min
Response: 799631
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

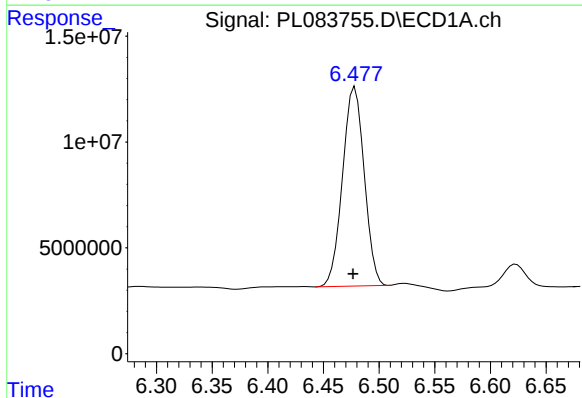
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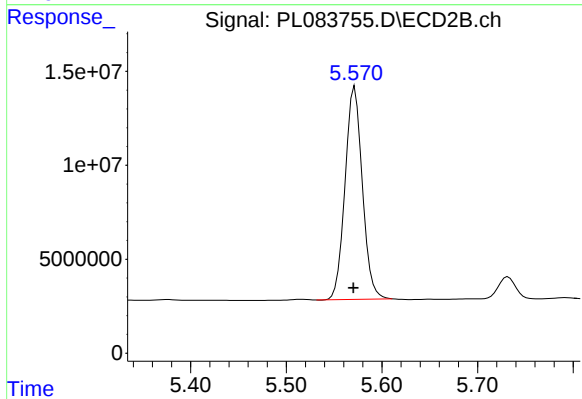
#12 4,4'-DDE

R.T.: 5.172 min
Delta R.T.: -0.003 min
Response: 334373
Conc: 0.12 ng/ml m



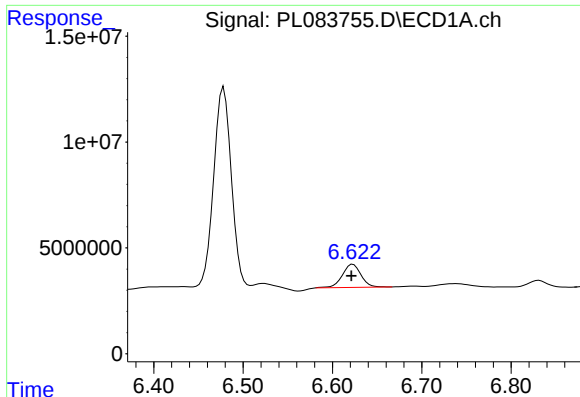
#14 Endrin

R.T.: 6.478 min
Delta R.T.: 0.002 min
Response: 127716765
Conc: 48.41 ng/ml



#14 Endrin

R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 142847791
Conc: 53.68 ng/ml



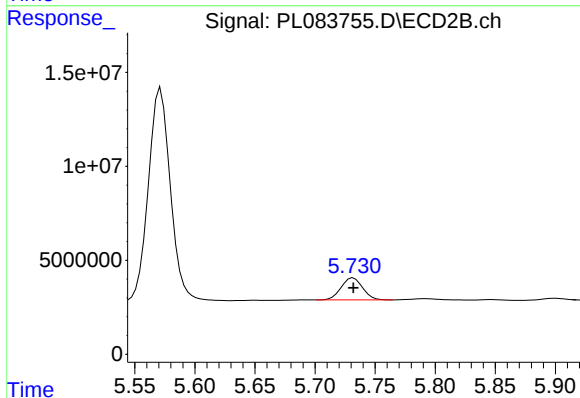
#16 4,4'-DDD

R.T.: 6.623 min
Delta R.T.: 0.002 min
Response: 15892883
Conc: 7.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

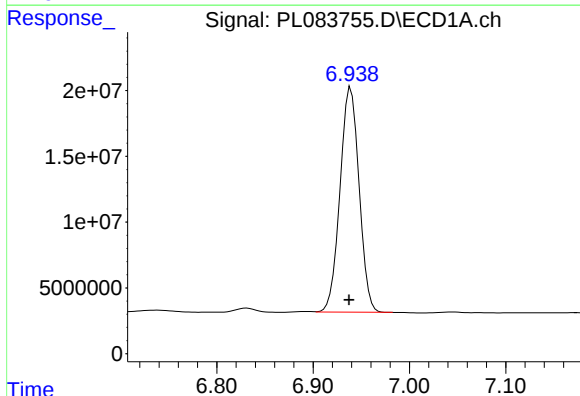
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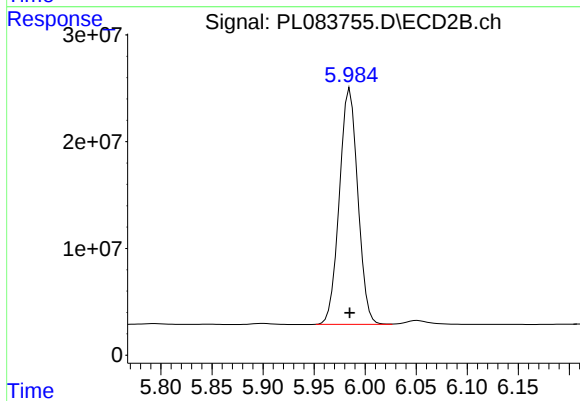
#16 4,4'-DDD

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 14618285
Conc: 6.74 ng/ml



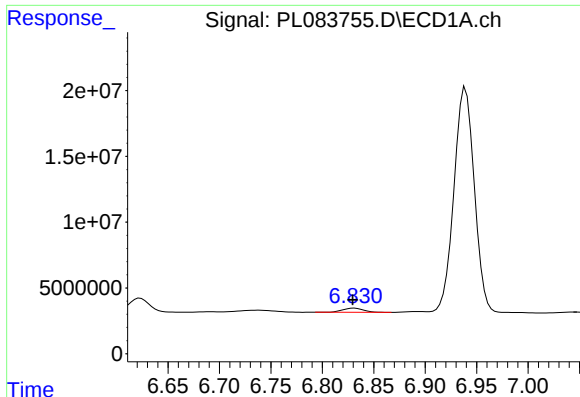
#17 4,4'-DDT

R.T.: 6.939 min
Delta R.T.: 0.002 min
Response: 234571282
Conc: 99.87 ng/ml



#17 4,4'-DDT

R.T.: 5.985 min
Delta R.T.: 0.000 min
Response: 278341418
Conc: 112.22 ng/ml



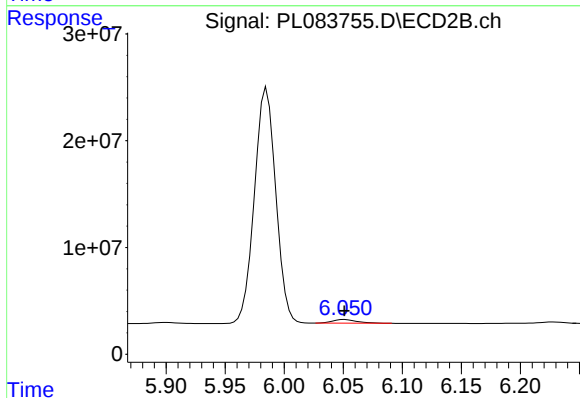
#18 Endrin aldehyde

R.T.: 6.831 min
Delta R.T.: 0.001 min
Response: 4413972
Conc: 2.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

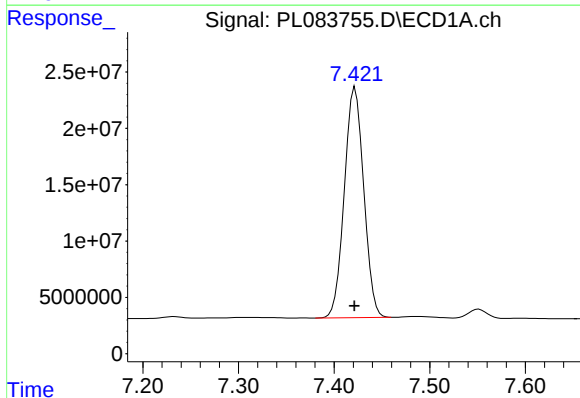
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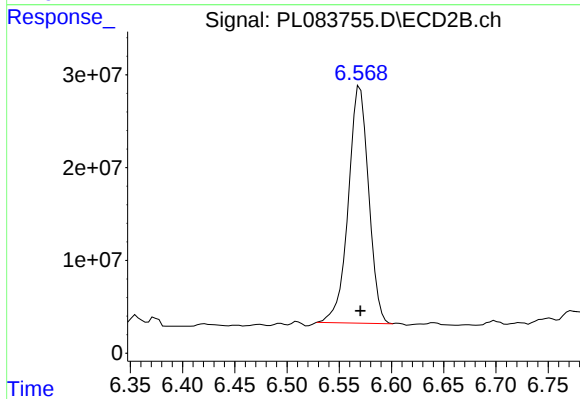
#18 Endrin aldehyde

R.T.: 6.050 min
Delta R.T.: -0.001 min
Response: 4930015
Conc: 2.41 ng/ml m



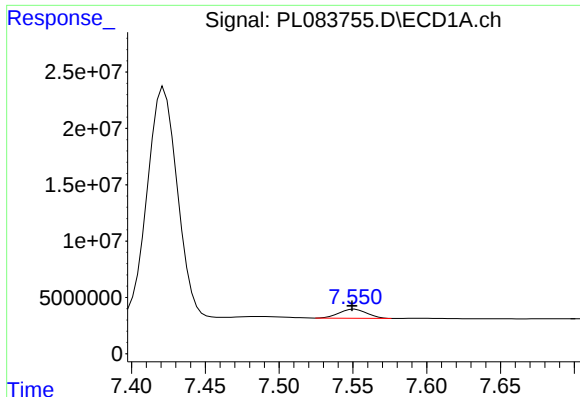
#20 Methoxychlor

R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 289299368
Conc: 250.12 ng/ml



#20 Methoxychlor

R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 345971163
Conc: 273.25 ng/ml m



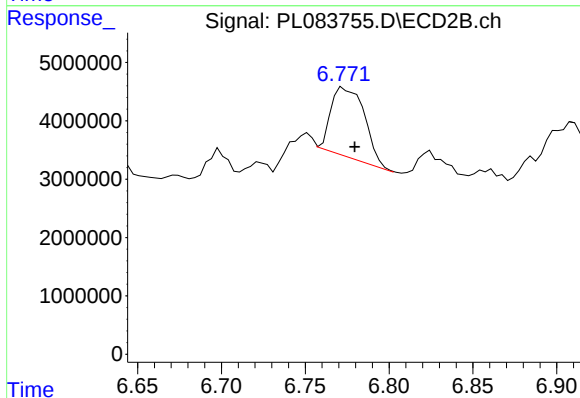
#21 Endrin ketone

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 10787030
Conc: 4.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

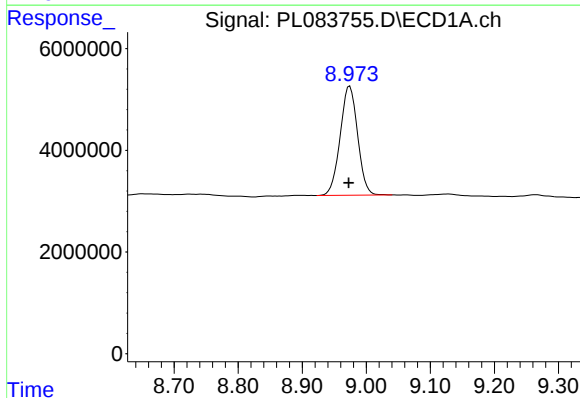
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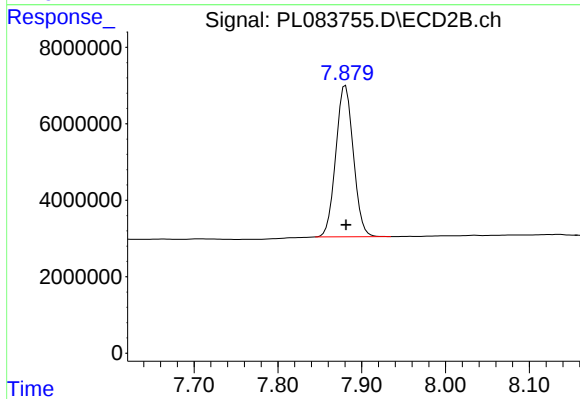
#21 Endrin ketone

R.T.: 6.771 min
Delta R.T.: -0.008 min
Response: 16468568
Conc: 5.68 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.974 min
Delta R.T.: 0.002 min
Response: 40586898
Conc: 23.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.881 min
Delta R.T.: 0.000 min
Response: 57551427
Conc: 23.28 ng/ml