

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062623\
 Data File : PL083701.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jun 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 06/27/2023
 Supervised By : Ankita Jodhani 06/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 26 21:30:16 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	52592615	62054093	21.167	21.372
28)	SA Decachlor...	8.974	7.882	38145465	52619878	22.335	21.282
Target Compounds							
2)	A alpha-BHC	3.887	3.197	37597672	39989660	10.013	9.543
3)	MA gamma-BHC...	4.221	3.528	35750600	37512638	10.262	9.386
6)	B beta-BHC	4.421	3.829	17215829	18315922	11.466	10.900
12)	B 4,4'-DDE	6.104	5.175	807793	672868	0.282	0.241
14)	MA Endrin	6.478	5.572	128.3E6	132.9E6	48.642	49.960
16)	A 4,4'-DDD	6.623	5.732	4158648	3052578	1.921	1.408 #
17)	MA 4,4'-DDT	6.939	5.986	241.1E6	264.7E6	102.649	106.712
18)	B Endrin al...	6.831	6.051	3425034	4869814	1.851	2.381m#
20)	A Methoxychlor	7.422	6.571	292.4E6	316.3E6	252.777	249.779
21)	B Endrin ke...	7.552	6.781	5046105	6561263	2.172	2.264

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

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Acq On : 26 Jun 2023 08:56
Operator : AR\AJ
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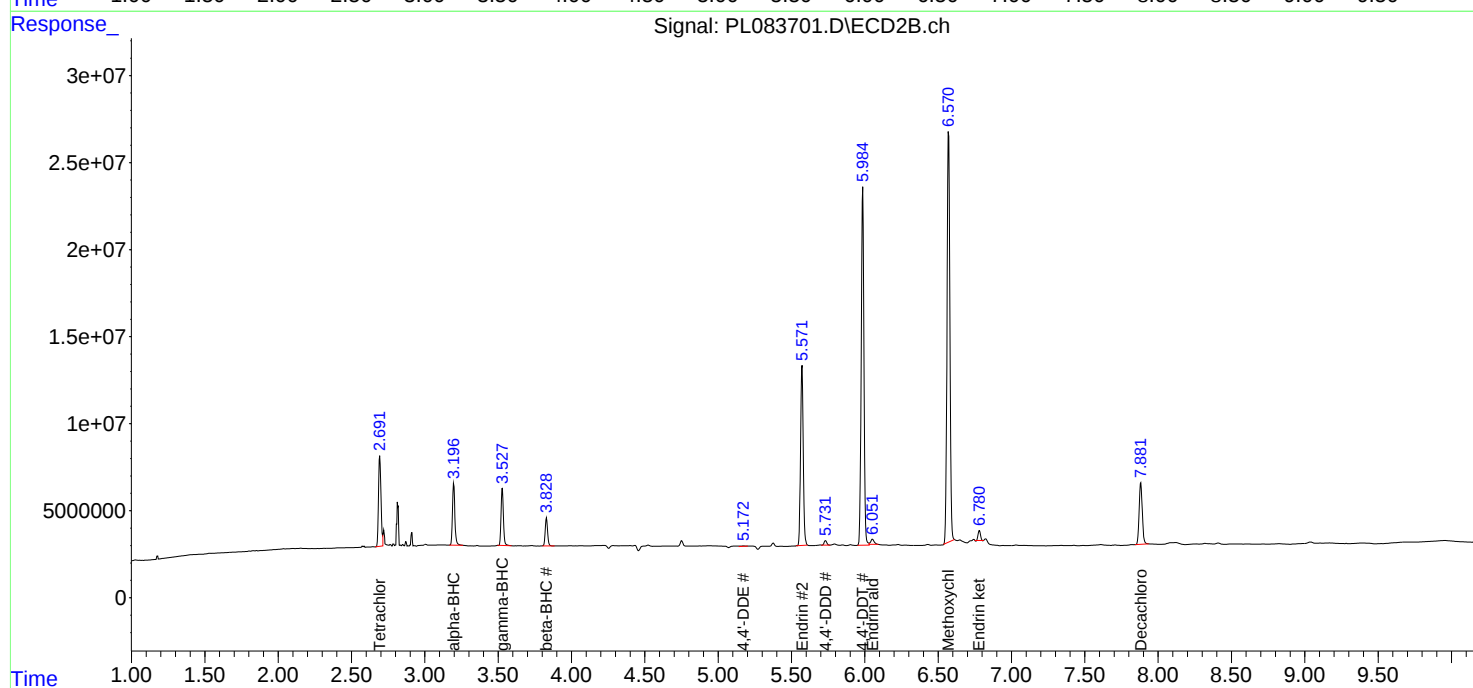
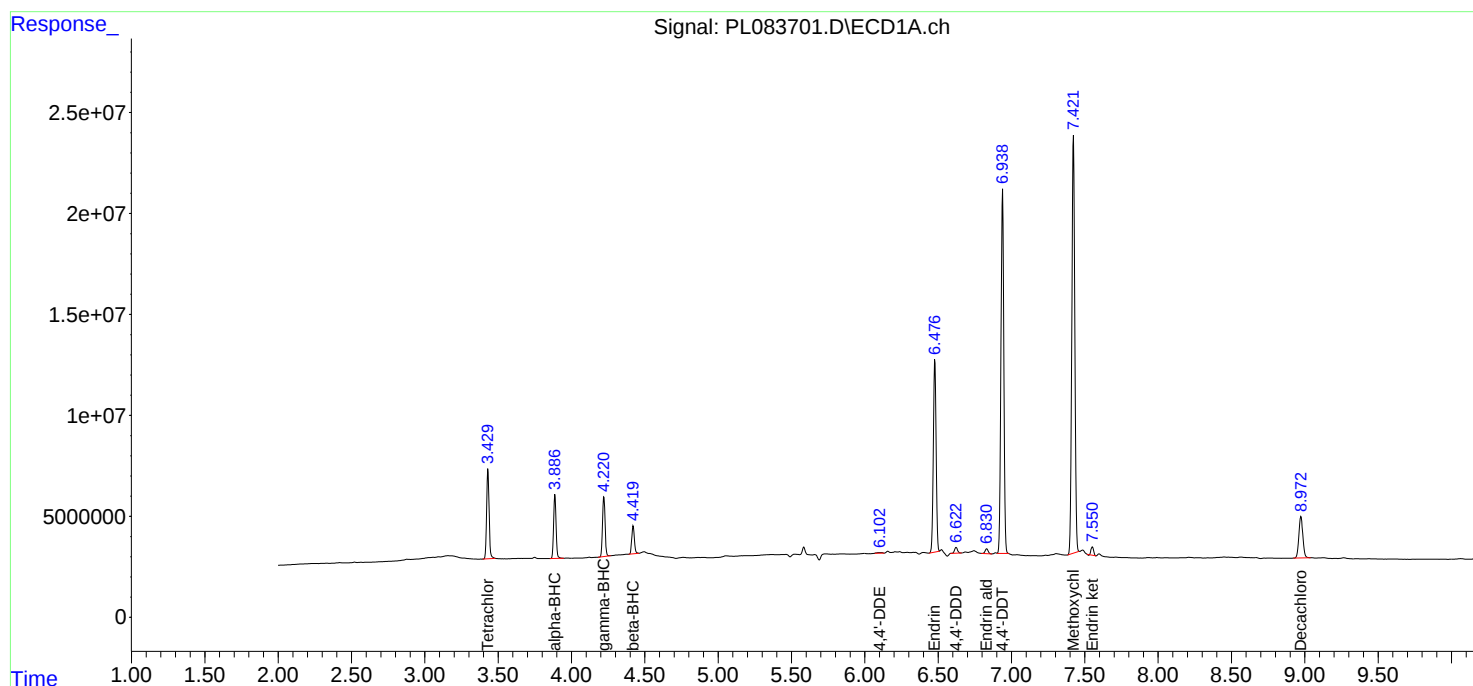
Instrument :
ECD_L
ClientSampleId :
PEM

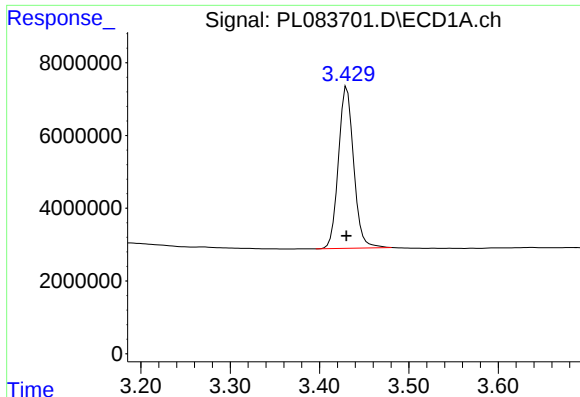
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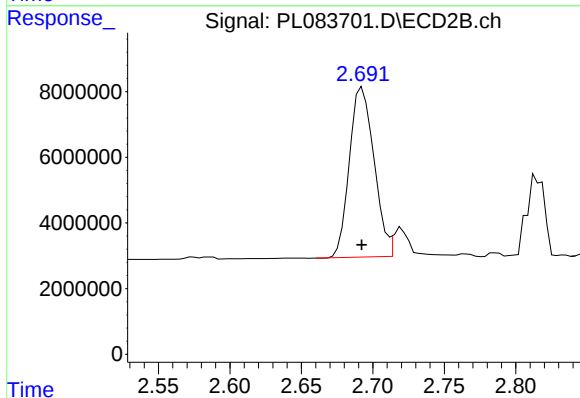
#1 Tetrachloro-m-xylene

R.T.: 3.431 min
Delta R.T.: 0.000 min
Response: 52592615
Conc: 21.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

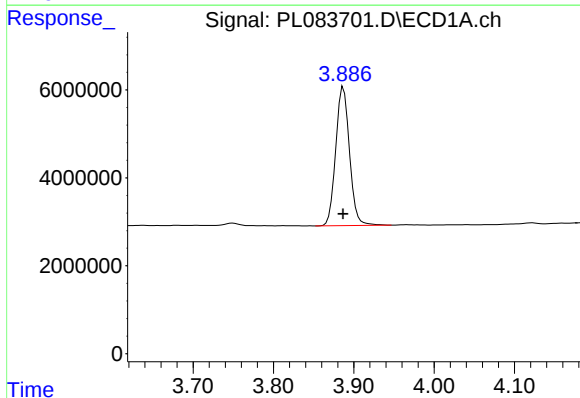
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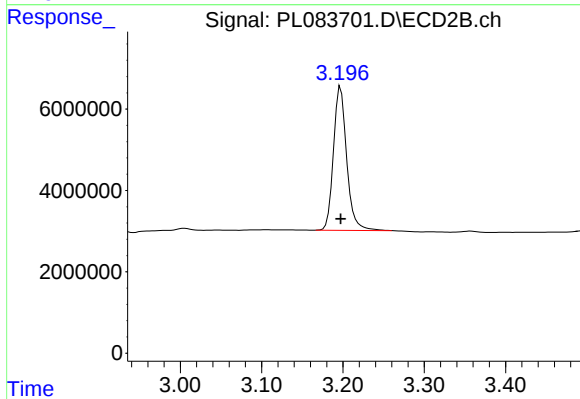
#1 Tetrachloro-m-xylene

R.T.: 2.693 min
Delta R.T.: 0.000 min
Response: 62054093
Conc: 21.37 ng/ml



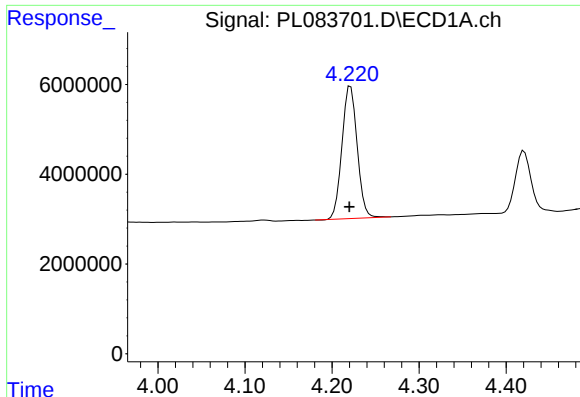
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 37597672
Conc: 10.01 ng/ml



#2 alpha-BHC

R.T.: 3.197 min
Delta R.T.: 0.000 min
Response: 39989660
Conc: 9.54 ng/ml



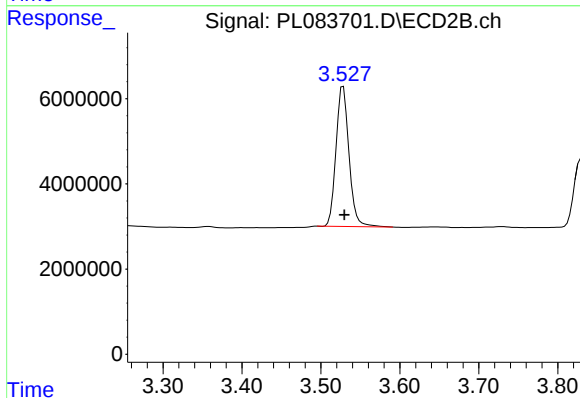
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.001 min
Response: 35750600
Conc: 10.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

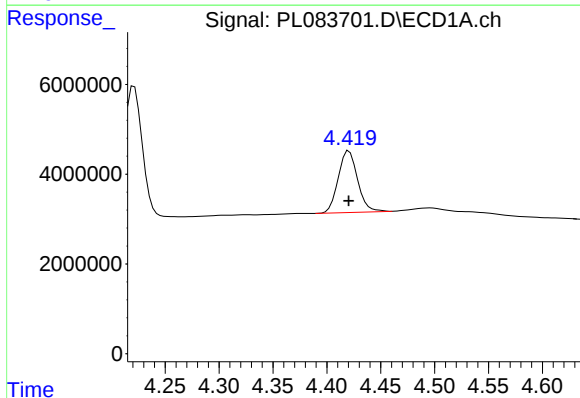
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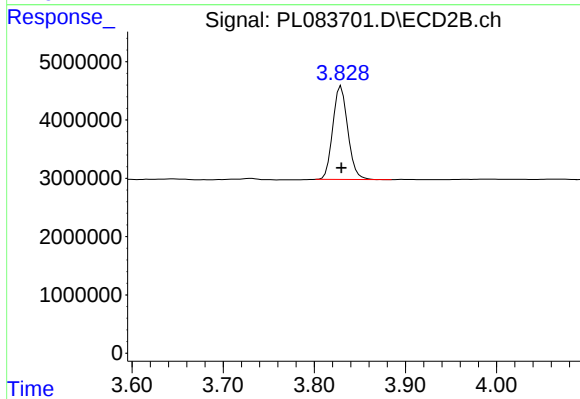
#3 gamma-BHC (Lindane)

R.T.: 3.528 min
Delta R.T.: -0.002 min
Response: 37512638
Conc: 9.39 ng/ml



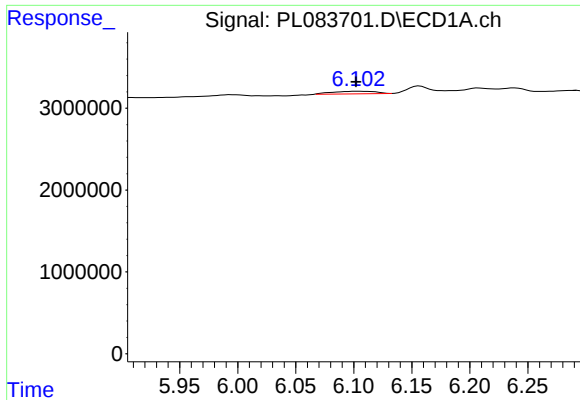
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 17215829
Conc: 11.47 ng/ml



#6 beta-BHC

R.T.: 3.829 min
Delta R.T.: 0.000 min
Response: 18315922
Conc: 10.90 ng/ml



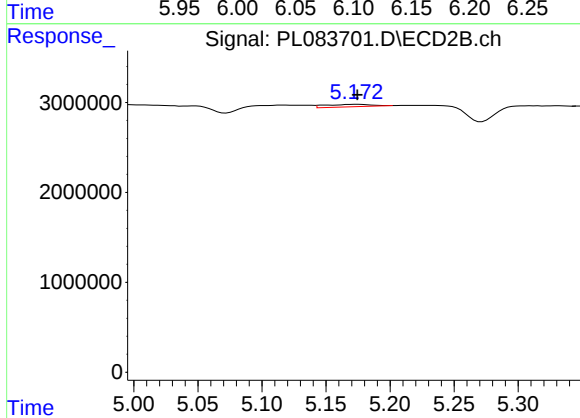
#12 4,4'-DDE

R.T.: 6.104 min
Delta R.T.: 0.002 min
Response: 807793
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

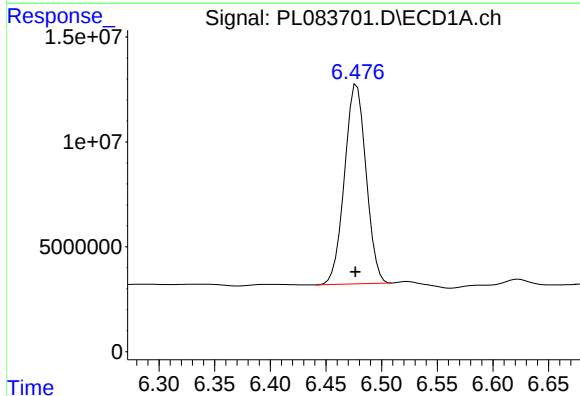
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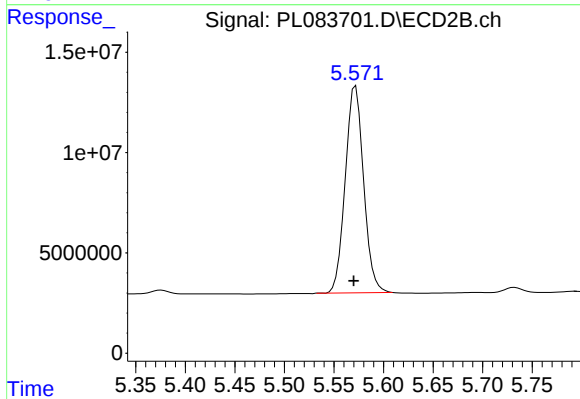
#12 4,4'-DDE

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 672868
Conc: 0.24 ng/ml



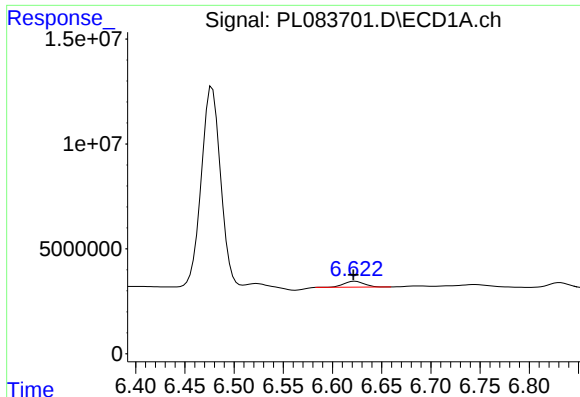
#14 Endrin

R.T.: 6.478 min
Delta R.T.: 0.001 min
Response: 128342474
Conc: 48.64 ng/ml



#14 Endrin

R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 132945087
Conc: 49.96 ng/ml



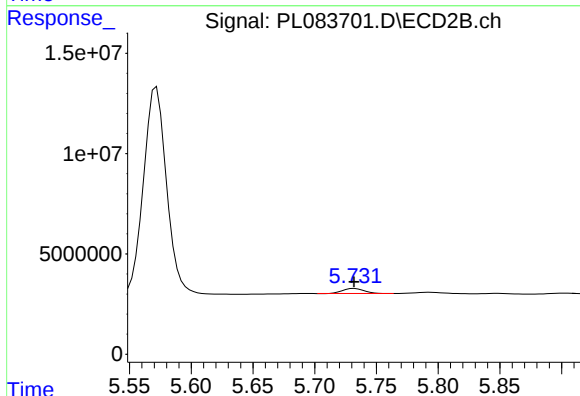
#16 4,4'-DDD

R.T.: 6.623 min
Delta R.T.: 0.002 min
Response: 4158648
Conc: 1.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

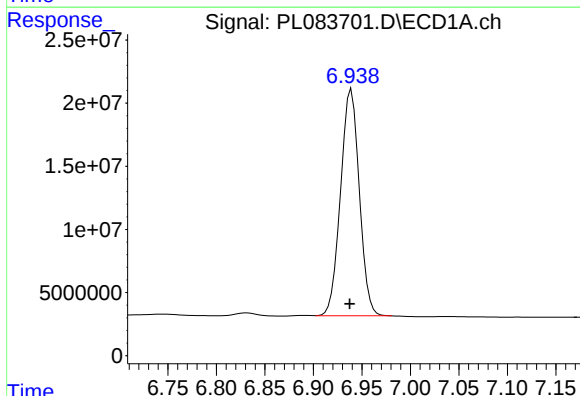
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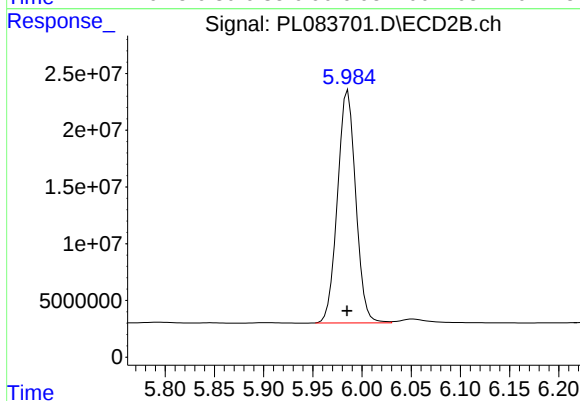
#16 4,4'-DDD

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 3052578
Conc: 1.41 ng/ml



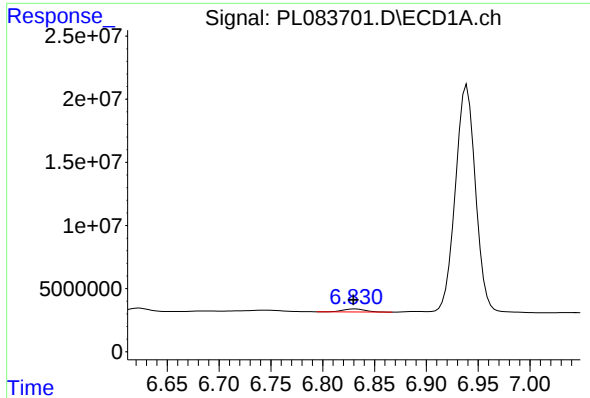
#17 4,4'-DDT

R.T.: 6.939 min
Delta R.T.: 0.002 min
Response: 241093041
Conc: 102.65 ng/ml



#17 4,4'-DDT

R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 264677131
Conc: 106.71 ng/ml



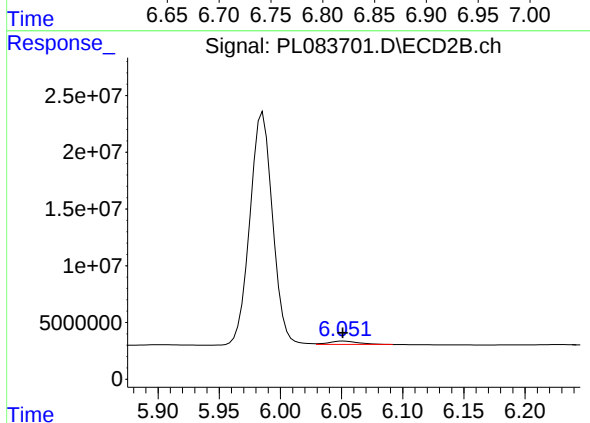
#18 Endrin aldehyde

R.T.: 6.831 min
Delta R.T.: 0.001 min
Response: 3425034
Conc: 1.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

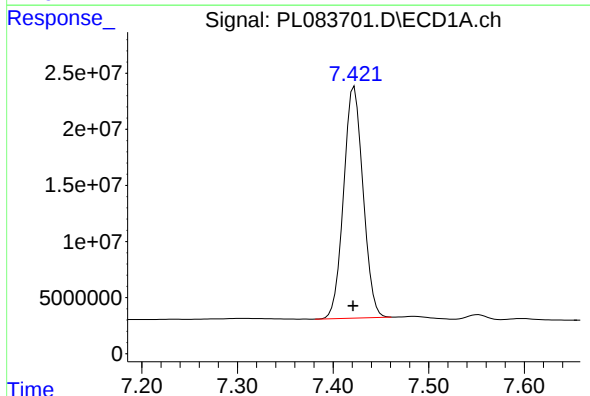
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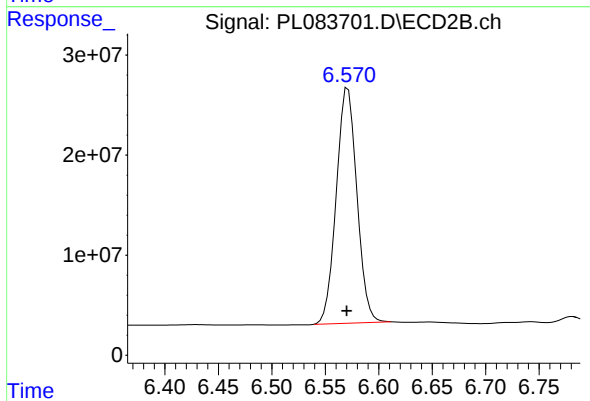
#18 Endrin aldehyde

R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 4869814
Conc: 2.38 ng/ml m



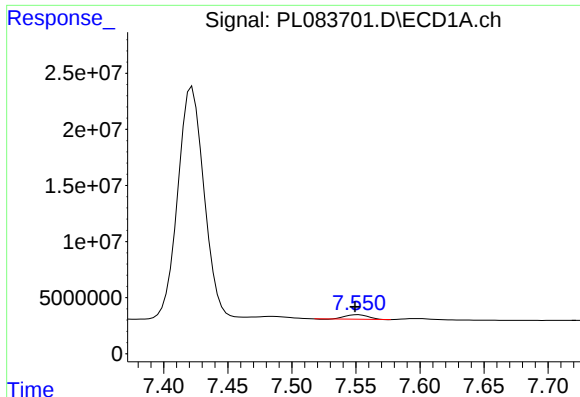
#20 Methoxychlor

R.T.: 7.422 min
Delta R.T.: 0.001 min
Response: 292376213
Conc: 252.78 ng/ml



#20 Methoxychlor

R.T.: 6.571 min
Delta R.T.: 0.001 min
Response: 316251004
Conc: 249.78 ng/ml



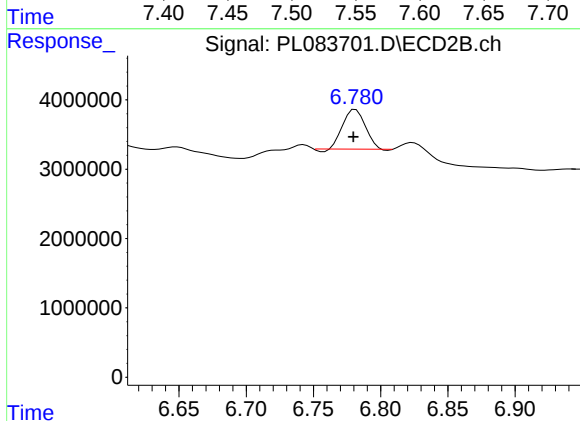
#21 Endrin ketone

R.T.: 7.552 min
Delta R.T.: 0.002 min
Response: 5046105
Conc: 2.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

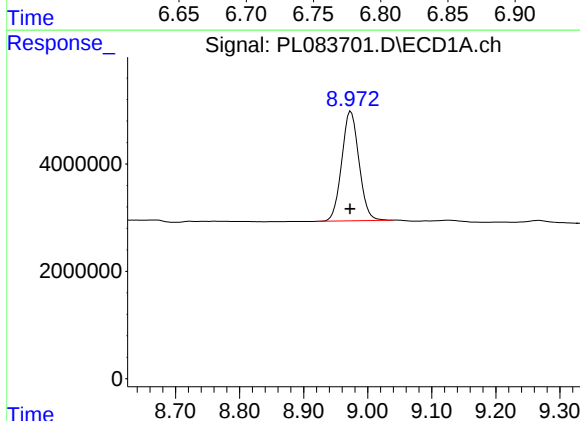
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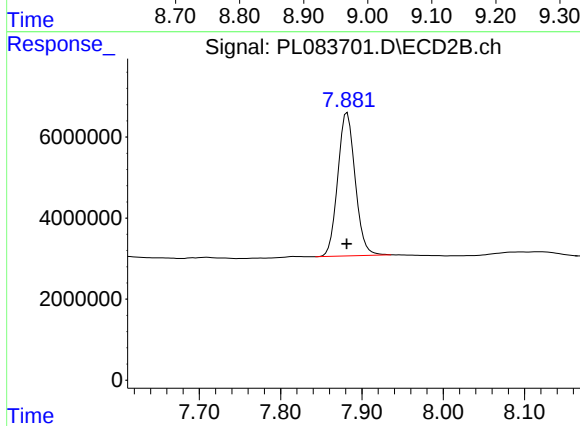
#21 Endrin ketone

R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 6561263
Conc: 2.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.974 min
Delta R.T.: 0.001 min
Response: 38145465
Conc: 22.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.882 min
Delta R.T.: 0.000 min
Response: 52619878
Conc: 21.28 ng/ml