

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041824\
 Data File : PL089079.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Apr 2024 09:46
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/19/2024
 Supervised By : Ankita Jodhani 04/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 19 01:50:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 18:43:22 2024
 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...	3.551	2.798	45770839	27534481	21.536	20.658
28)	SA Decachlor...	9.064	7.950	28444207	27604264	22.331	20.614
Target Compounds							
2)	A alpha-BHC	4.006	3.303	33670668	18499536	11.261	9.350
3)	MA gamma-BHC...	4.339	3.634	31716378	17366281	10.993	9.028
6)	B beta-BHC	4.532	3.931	15142402	9158790	11.284m	10.959
12)	B 4,4'-DDE	6.202	5.264	1216569	406376	0.605m	0.276m#
14)	MA Endrin	6.585	5.671	83918834	69376647	44.653	47.736
16)	A 4,4'-DDD	6.719	5.819	6433614	3409631	3.991	2.816 #
17)	MA 4,4'-DDT	7.033	6.070	156.2E6	141.7E6	85.715	108.075 #
18)	B Endrin al...	6.932	6.145	4517765	2859266	3.087	2.602
20)	A Methoxychlor	7.507	6.646	199.3E6	181.6E6	226.225	242.953
21)	B Endrin ke...	7.652	6.873	7493121	5258776	3.885	3.323

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

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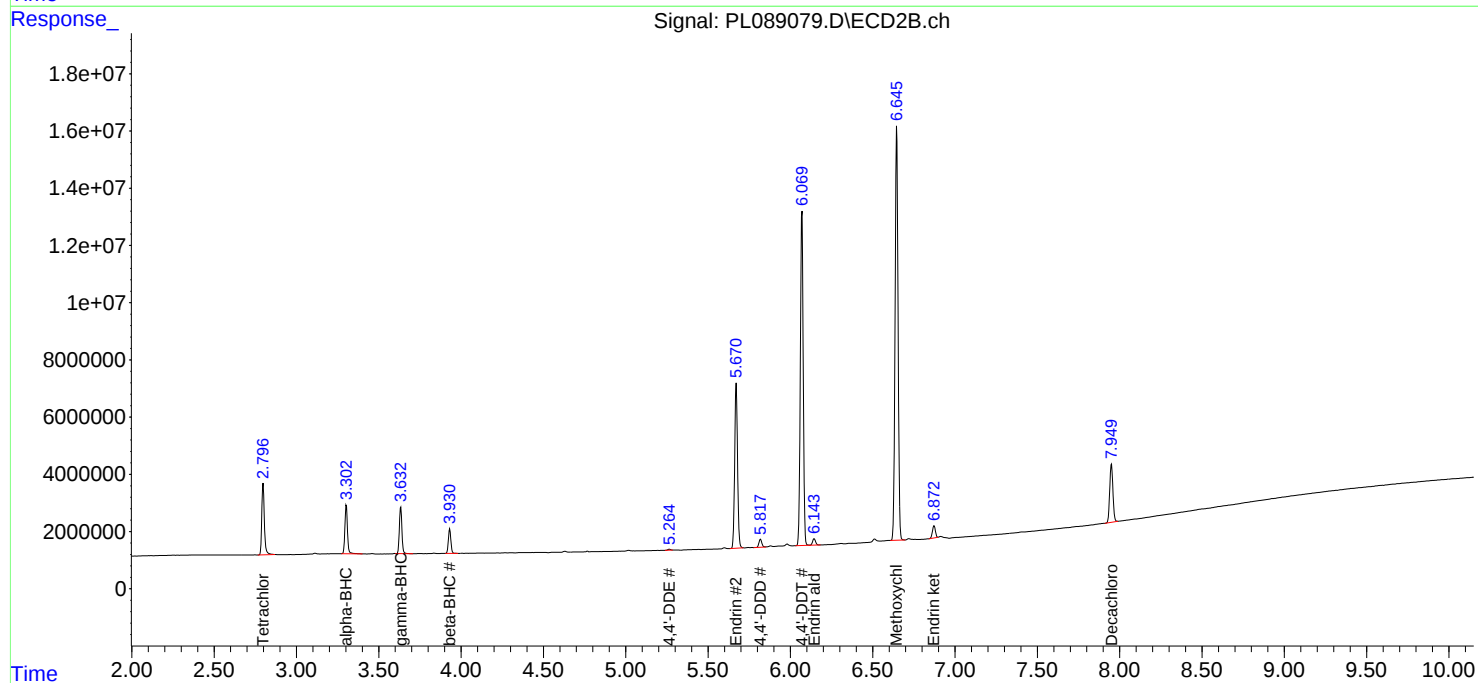
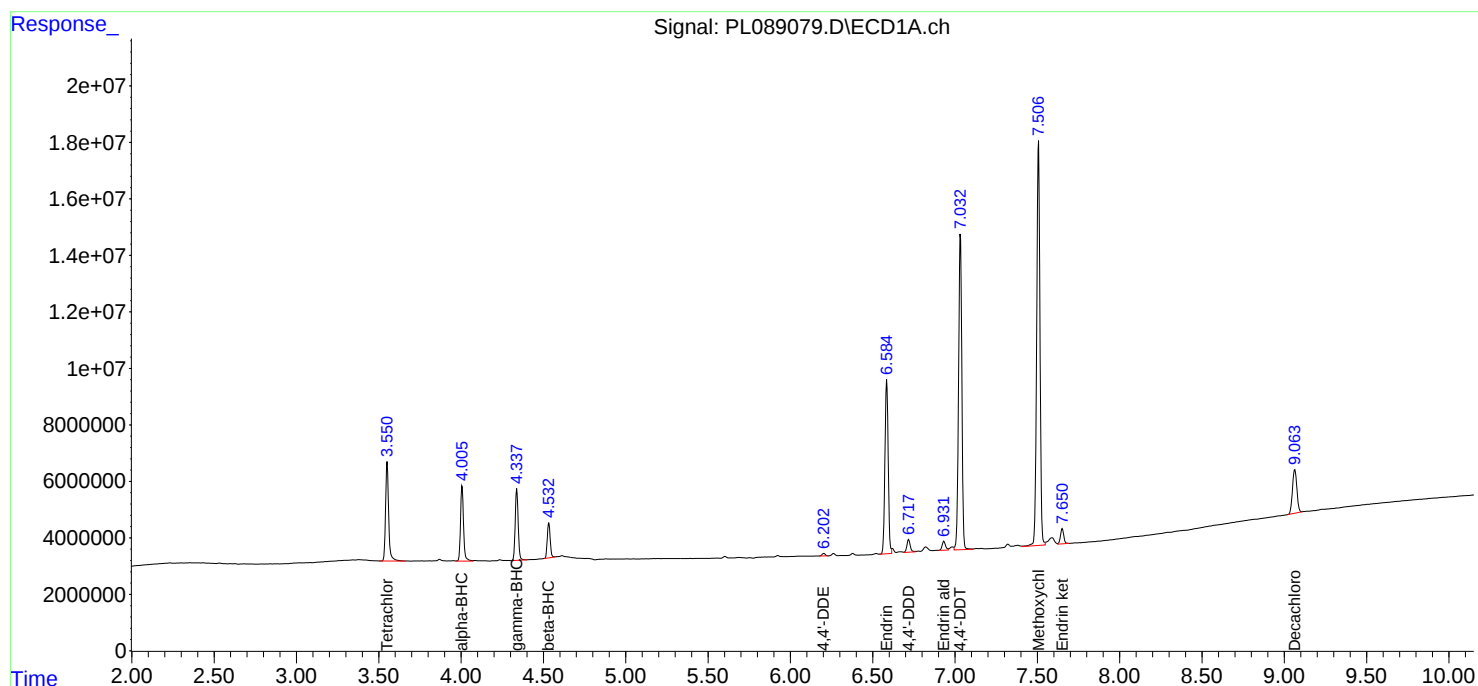
Instrument :
ECD_L
ClientSampleId :
PEM

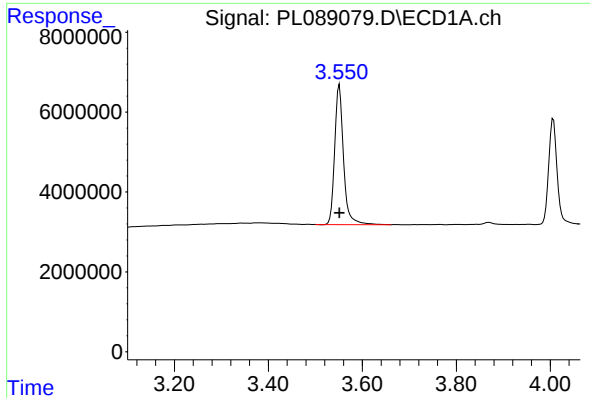
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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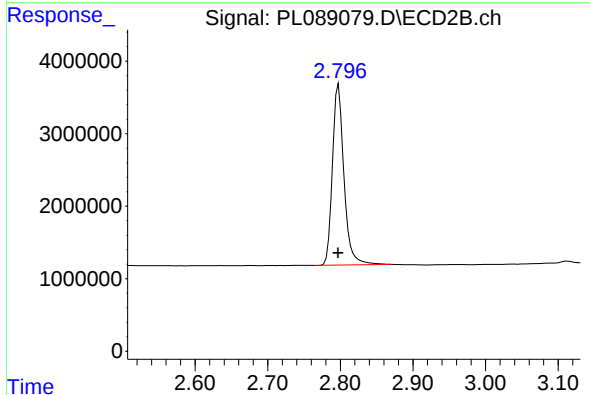
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 45770839
Conc: 21.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

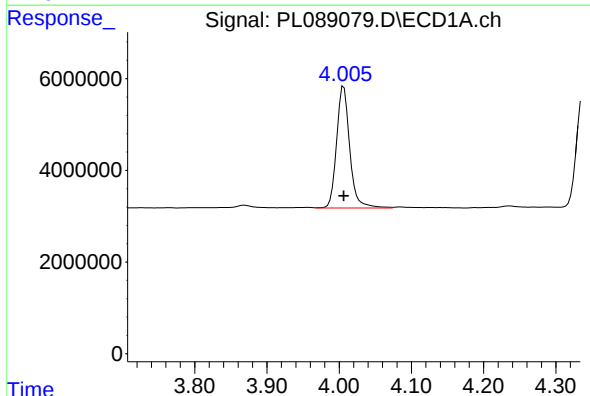
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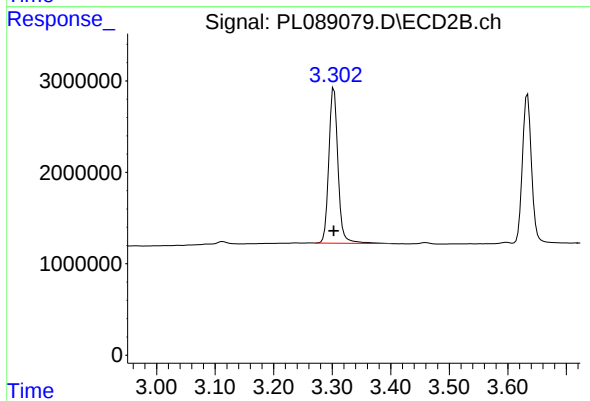
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 27534481
Conc: 20.66 ng/ml



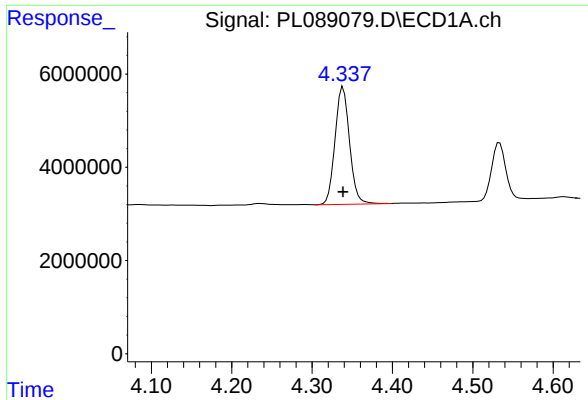
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 33670668
Conc: 11.26 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 18499536
Conc: 9.35 ng/ml



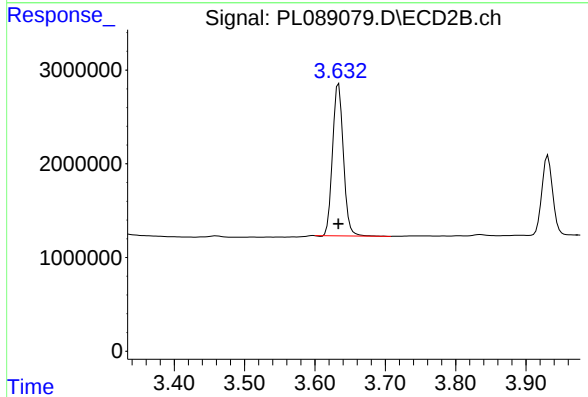
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 31716378
Conc: 10.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

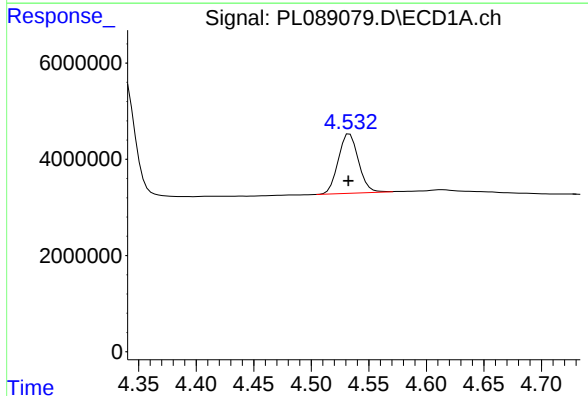
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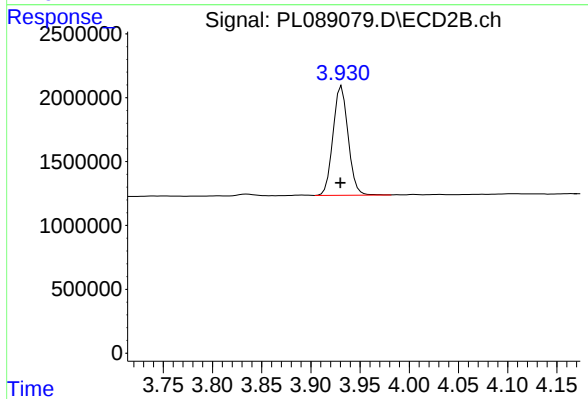
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 17366281
Conc: 9.03 ng/ml



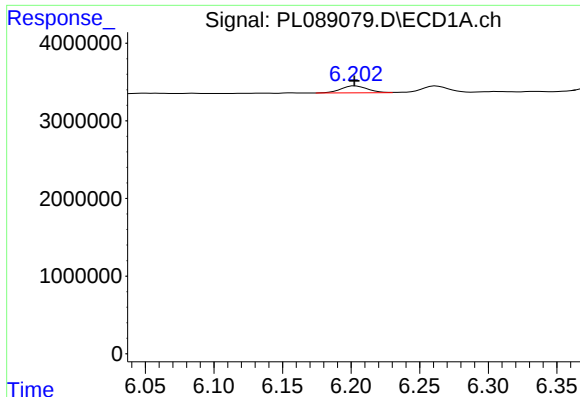
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 15142402
Conc: 11.28 ng/ml m



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.001 min
Response: 9158790
Conc: 10.96 ng/ml



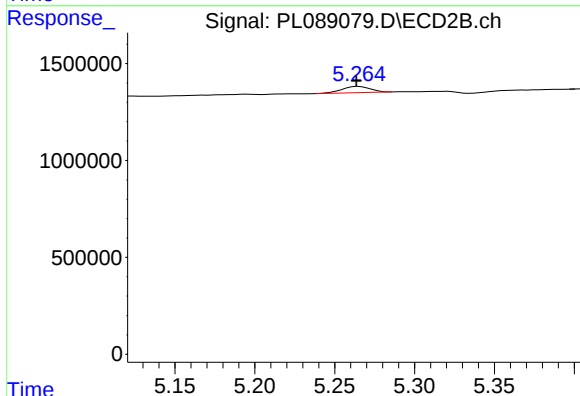
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: -0.001 min
Response: 1216569
Conc: 0.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

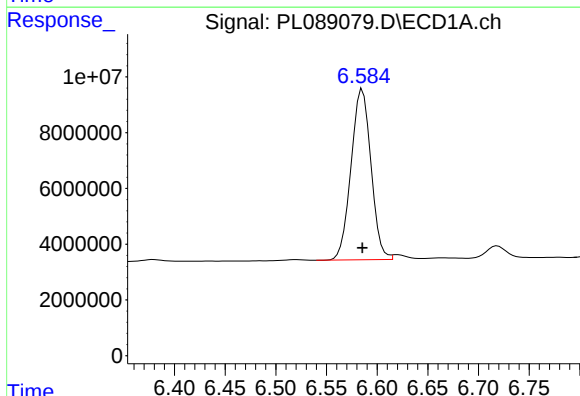
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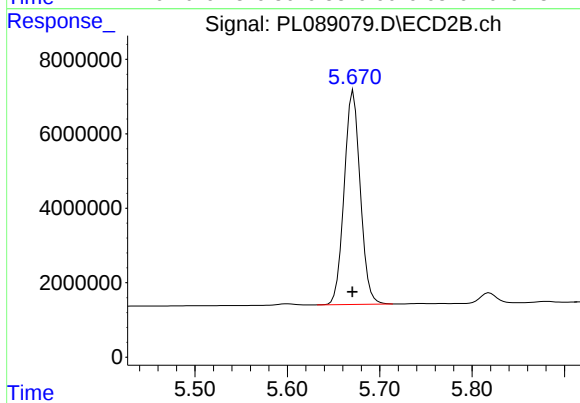
#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 406376
Conc: 0.28 ng/ml m



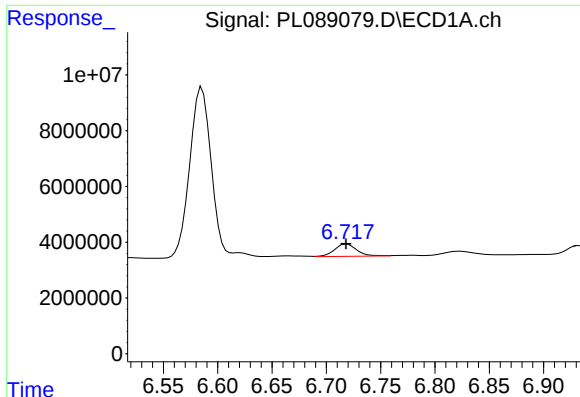
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 83918834
Conc: 44.65 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.001 min
Response: 69376647
Conc: 47.74 ng/ml



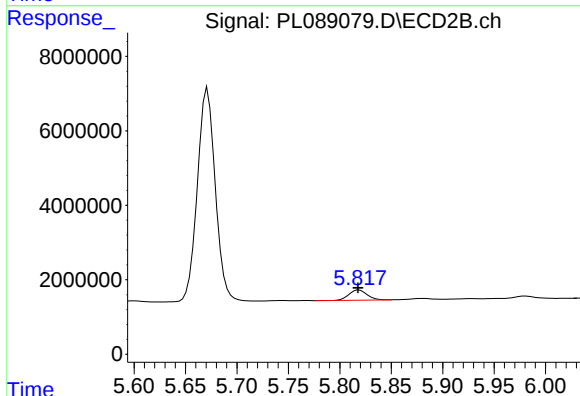
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 6433614
Conc: 3.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

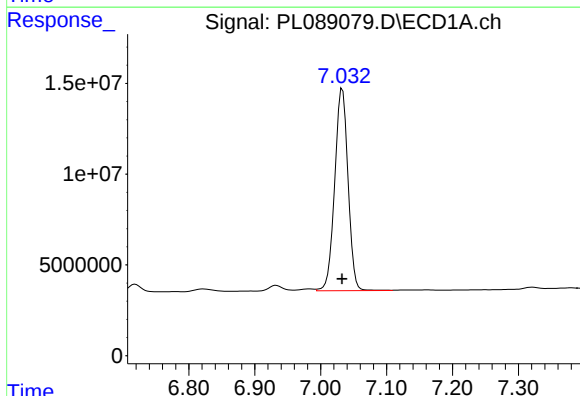
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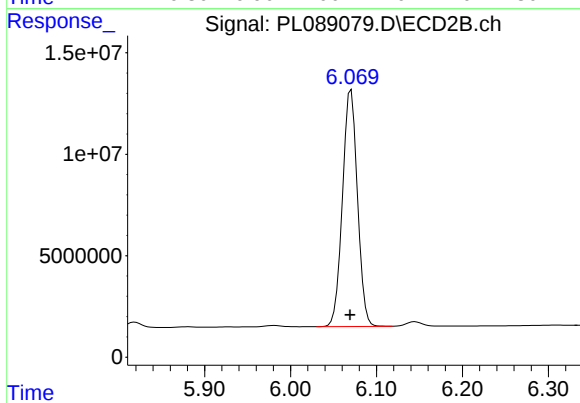
#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: 0.001 min
Response: 3409631
Conc: 2.82 ng/ml



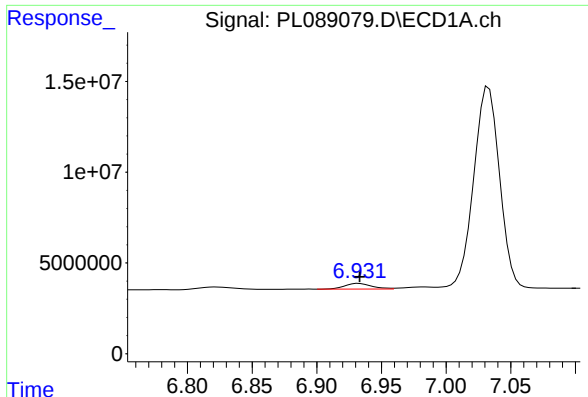
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.000 min
Response: 156193711
Conc: 85.72 ng/ml



#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.001 min
Response: 141659866
Conc: 108.07 ng/ml



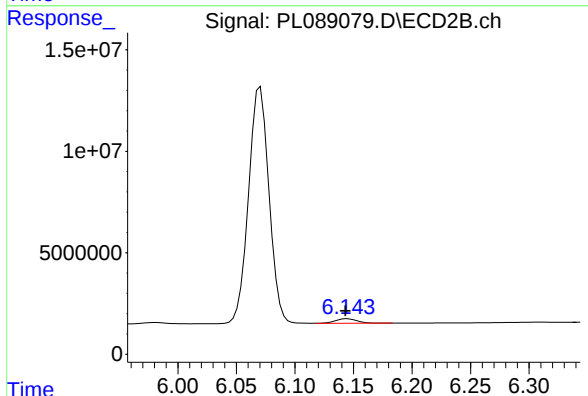
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 4517765
Conc: 3.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

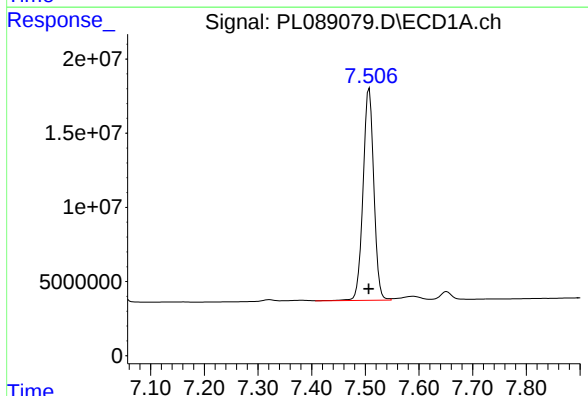
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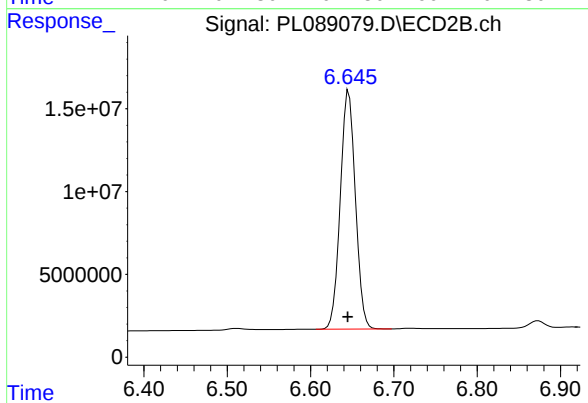
#18 Endrin aldehyde

R.T.: 6.145 min
Delta R.T.: 0.002 min
Response: 2859266
Conc: 2.60 ng/ml



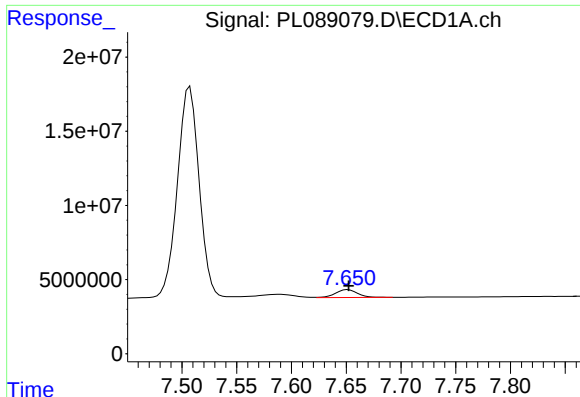
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 199330639
Conc: 226.23 ng/ml



#20 Methoxychlor

R.T.: 6.646 min
Delta R.T.: 0.001 min
Response: 181589787
Conc: 242.95 ng/ml



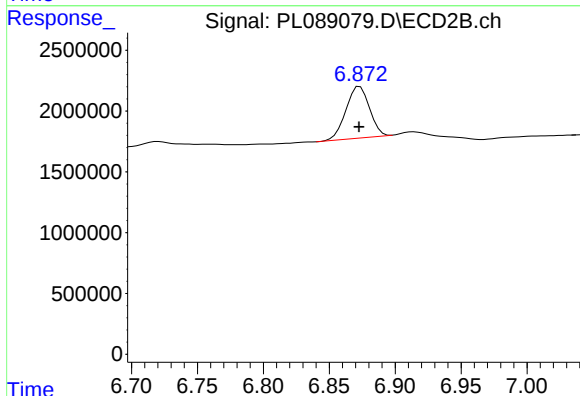
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 7493121
Conc: 3.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

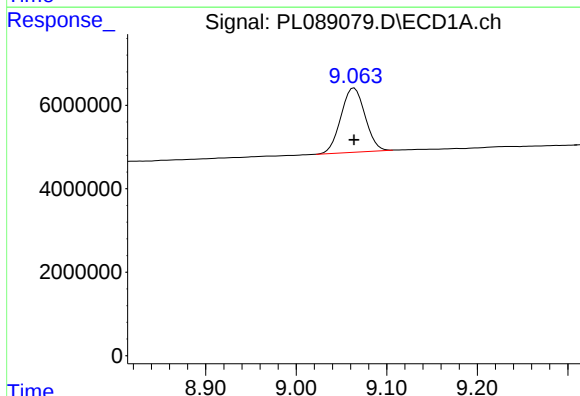
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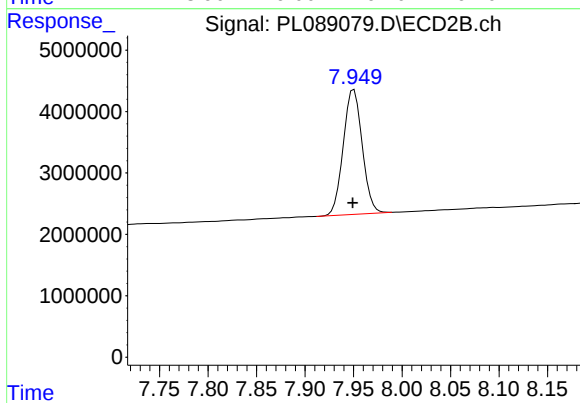
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 5258776
Conc: 3.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 28444207
Conc: 22.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.001 min
Response: 27604264
Conc: 20.61 ng/ml