

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101823\
 Data File : PL086011.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Oct 2023 18:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/19/2023
 Supervised By : Ankita Jodhani 10/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 18 22:23:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.355	2.622	53059197	16658881	17.840	17.834
28)	SA Decachlor...	8.856	7.773	50164515	21929221	23.032	23.759
Target Compounds							
2)	A alpha-BHC	3.809	3.120	37111686	10399753	8.647	8.266
3)	MA gamma-BHC...	4.141	3.447	36009088	10344116	8.712	8.387
6)	B beta-BHC	4.344	3.749	17619871	5701540	10.655	10.952
12)	B 4,4'-DDE	6.016	5.084	354220	121738	0.127m	0.148m
14)	MA Endrin	6.387	5.472	128.1E6	46322817	44.934	51.527
16)	A 4,4'-DDD	6.537	5.636	4263974	1020235	2.116	1.466 #
17)	MA 4,4'-DDT	6.852	5.887	248.5E6	96931407	105.447	122.581
18)	B Endrin al...	6.739	5.951	3477349	2226169	1.716m	2.985m#
20)	A Methoxychlor	7.338	6.472	333.3E6	136.5E6	238.613	259.428
21)	B Endrin ke...	7.457	6.677	6837287	3033620	2.374	2.639

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

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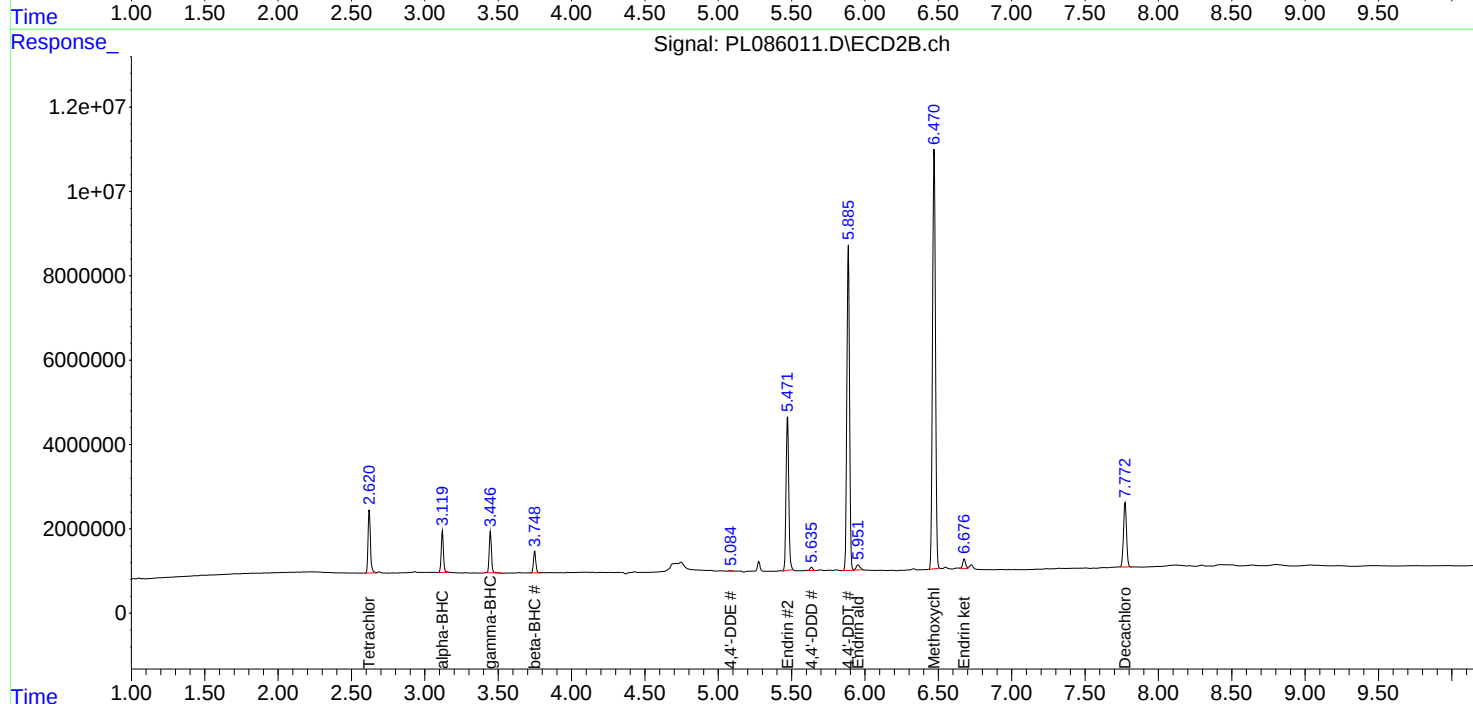
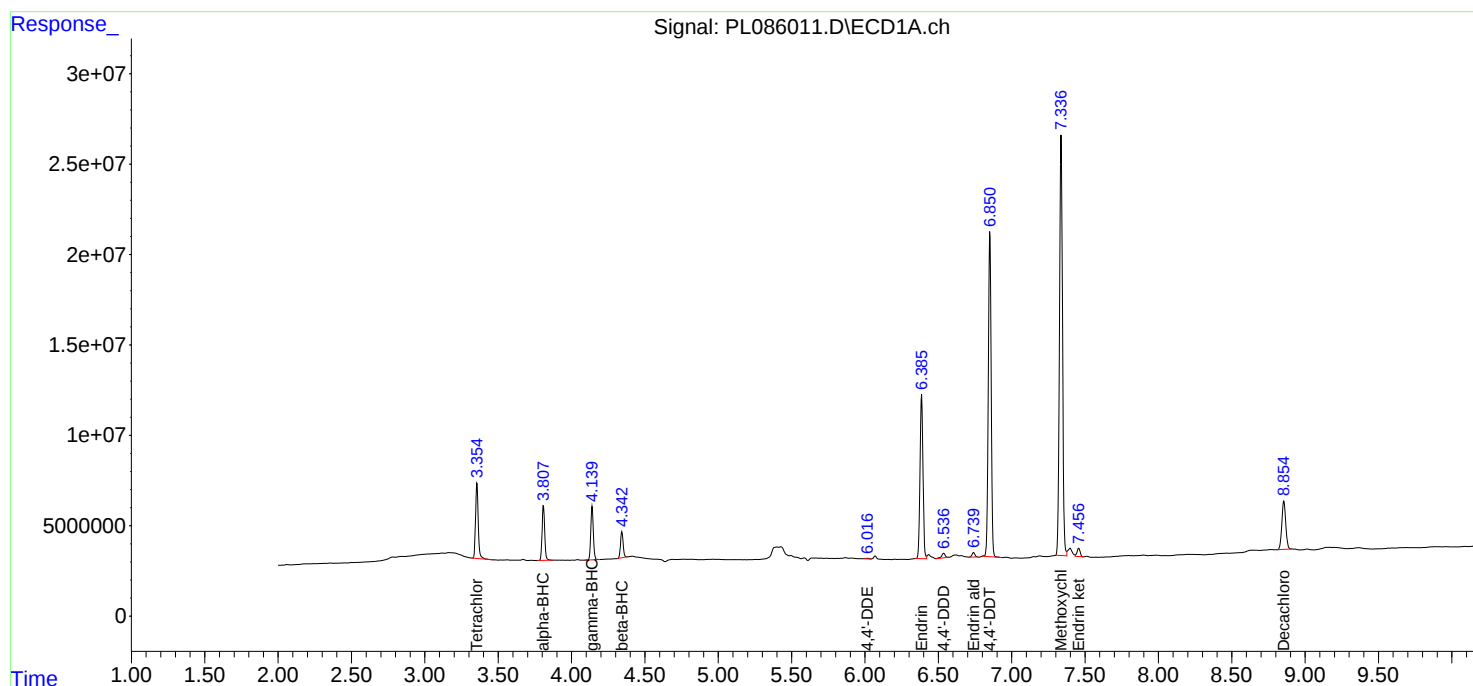
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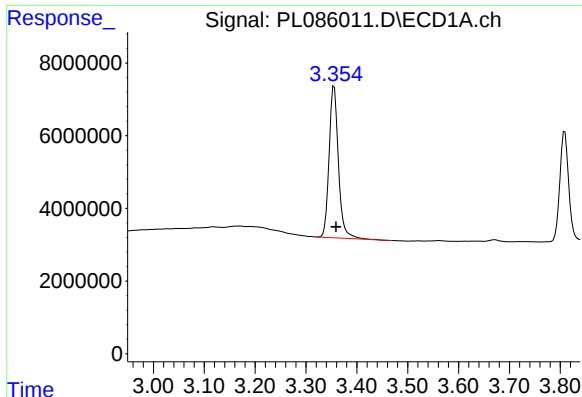
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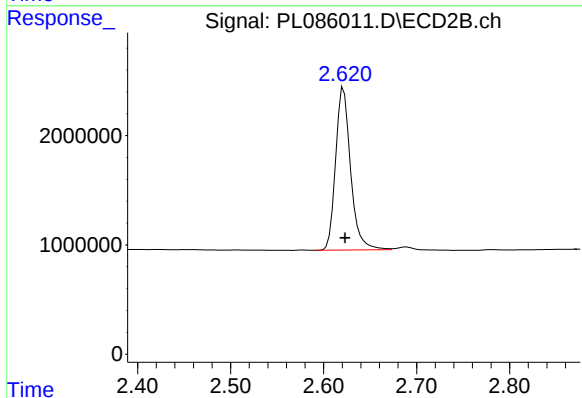
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 53059197
Conc: 17.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

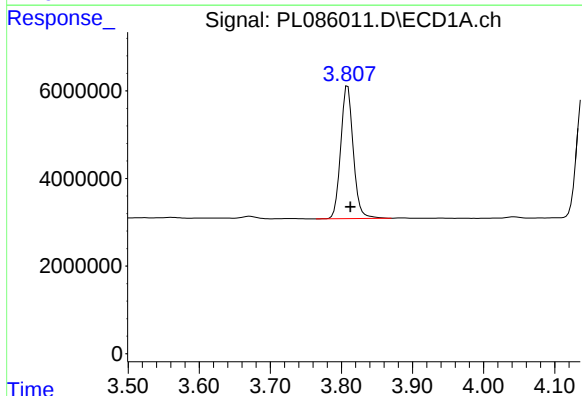
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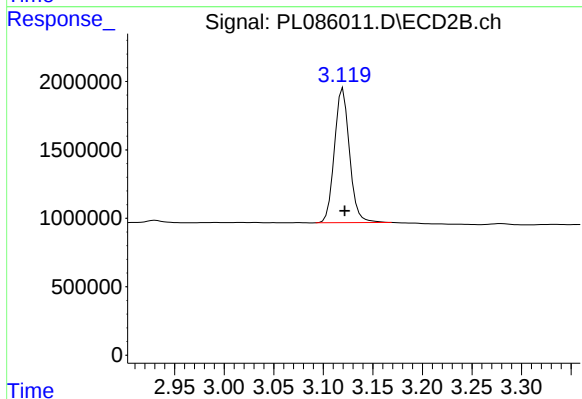
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: -0.001 min
Response: 16658881
Conc: 17.83 ng/ml



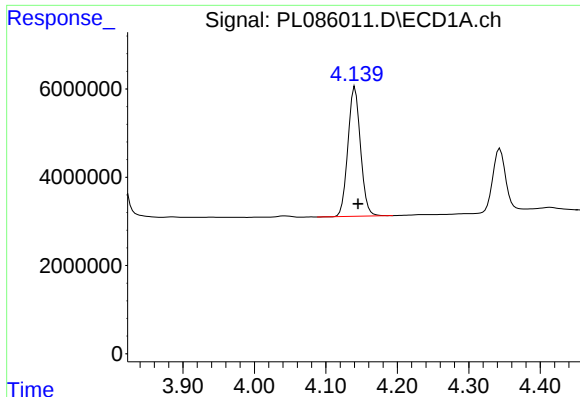
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.004 min
Response: 37111686
Conc: 8.65 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.002 min
Response: 10399753
Conc: 8.27 ng/ml



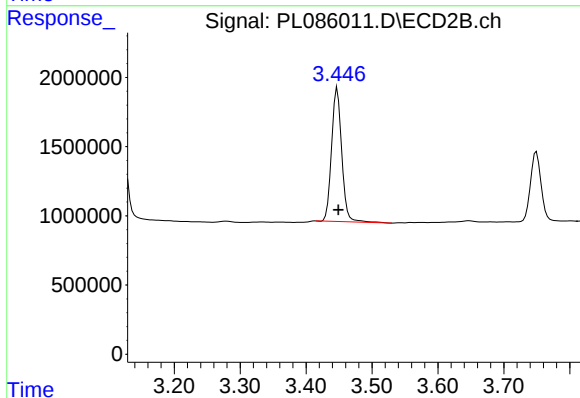
#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 36009088
Conc: 8.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

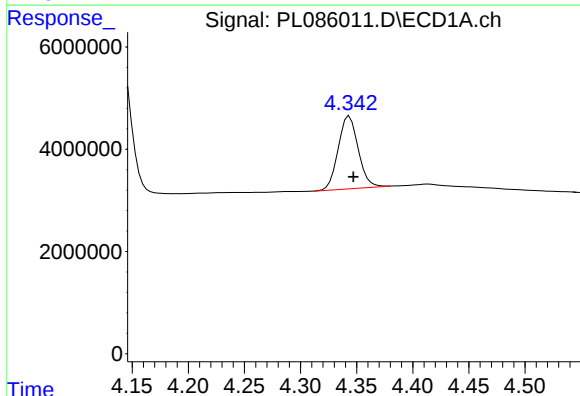
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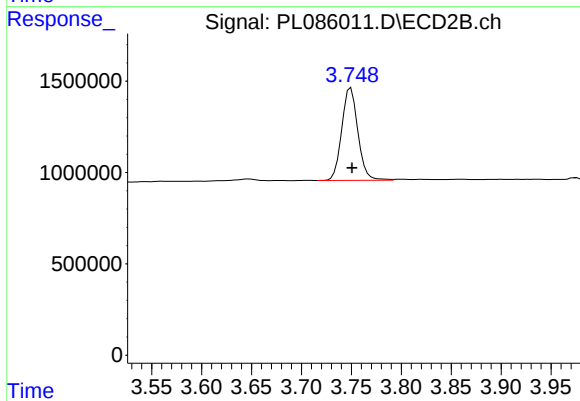
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 10344116
Conc: 8.39 ng/ml



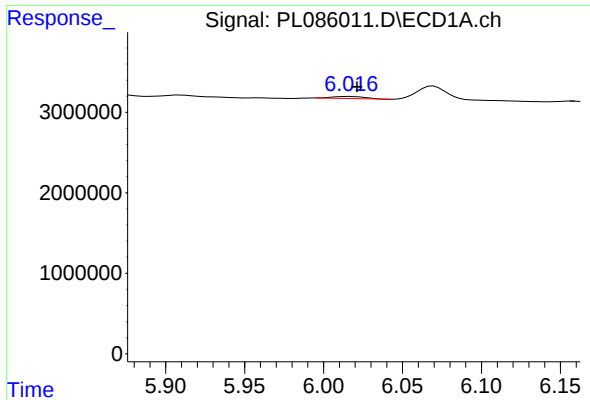
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.004 min
Response: 17619871
Conc: 10.66 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.001 min
Response: 5701540
Conc: 10.95 ng/ml



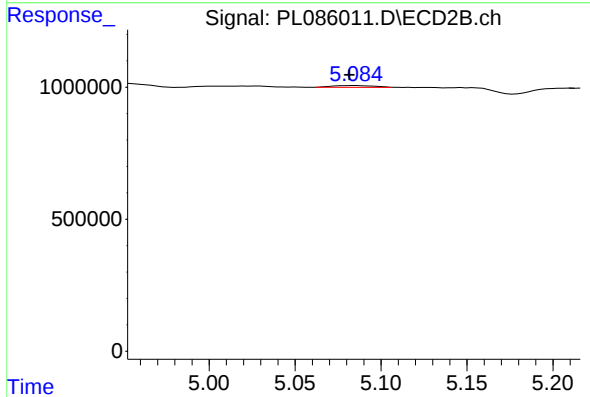
#12 4,4'-DDE

R.T.: 6.016 min
Delta R.T.: -0.005 min
Response: 354220
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

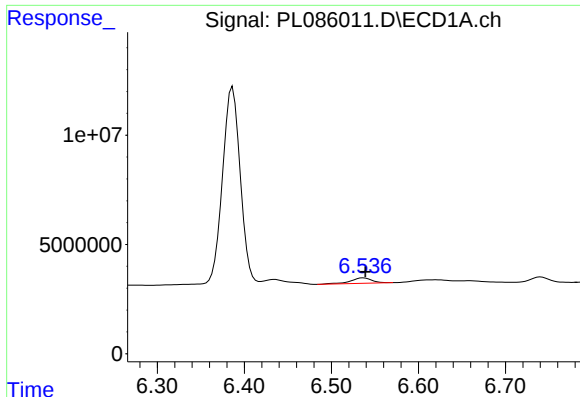
R.T.: 5.084 min
Delta R.T.: 0.002 min
Response: 121738
Conc: 0.15 ng/ml m

#14 Endrin

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 128051611
Conc: 44.93 ng/ml

#14 Endrin

R.T.: 5.472 min
Delta R.T.: -0.001 min
Response: 46322817
Conc: 51.53 ng/ml



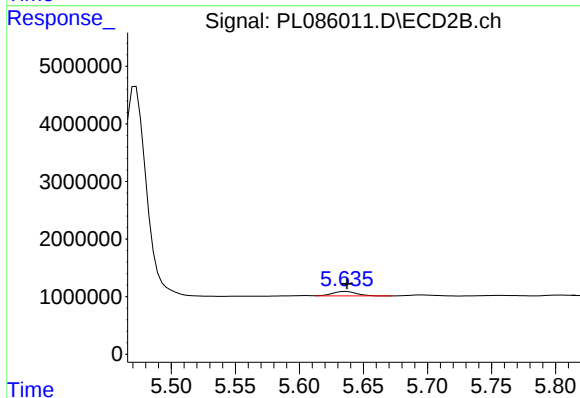
#16 4,4'-DDD

R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 4263974
Conc: 2.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

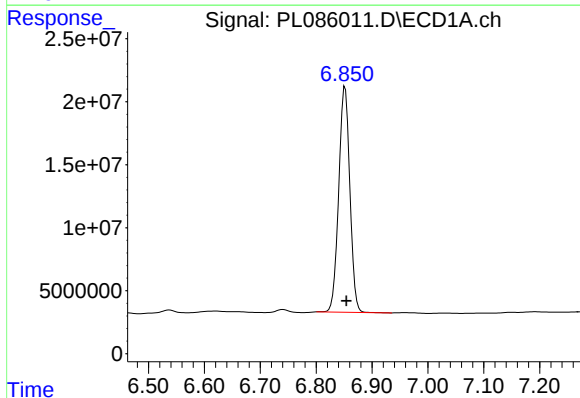
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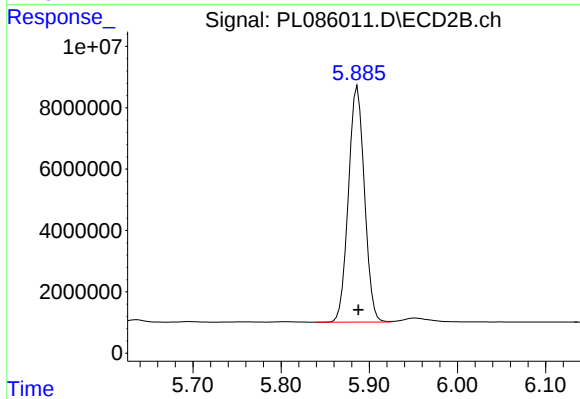
#16 4,4'-DDD

R.T.: 5.636 min
Delta R.T.: 0.000 min
Response: 1020235
Conc: 1.47 ng/ml



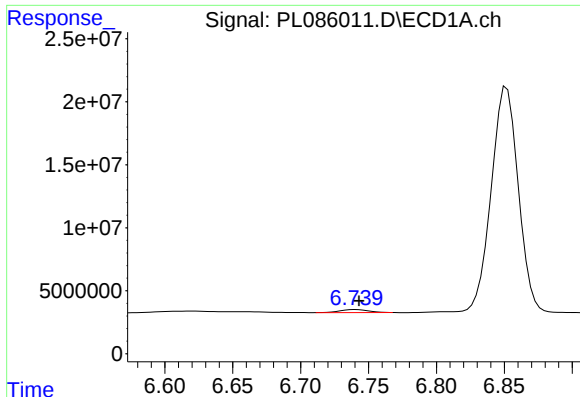
#17 4,4'-DDT

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 248548405
Conc: 105.45 ng/ml



#17 4,4'-DDT

R.T.: 5.887 min
Delta R.T.: -0.001 min
Response: 96931407
Conc: 122.58 ng/ml



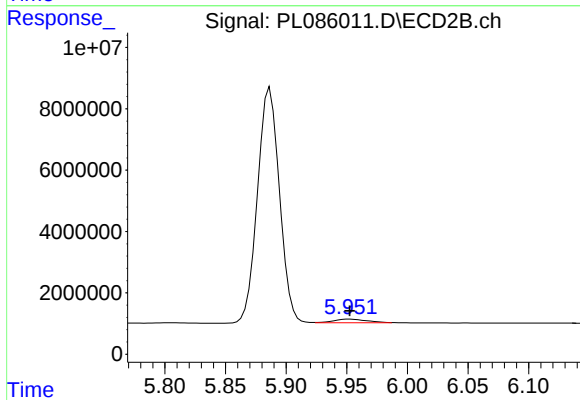
#18 Endrin aldehyde

R.T.: 6.739 min
Delta R.T.: -0.004 min
Response: 3477349
Conc: 1.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

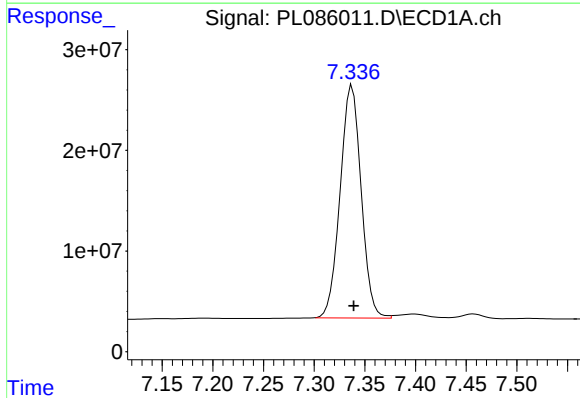
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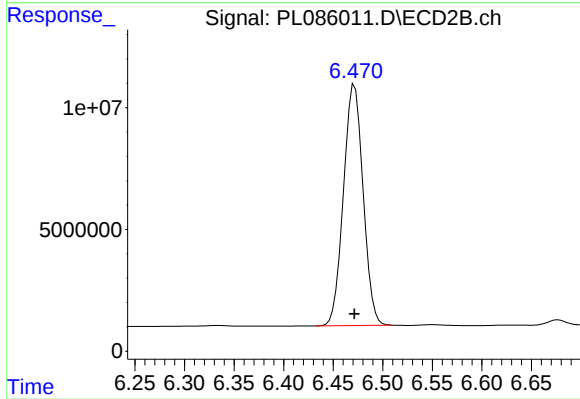
#18 Endrin aldehyde

R.T.: 5.951 min
Delta R.T.: -0.001 min
Response: 2226169
Conc: 2.99 ng/ml m



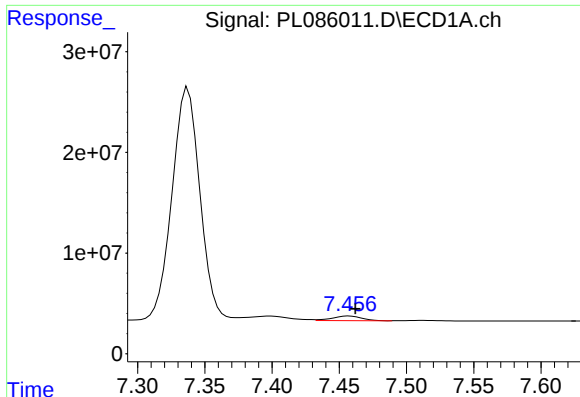
#20 Methoxychlor

R.T.: 7.338 min
Delta R.T.: -0.002 min
Response: 333252163
Conc: 238.61 ng/ml



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 136479191
Conc: 259.43 ng/ml



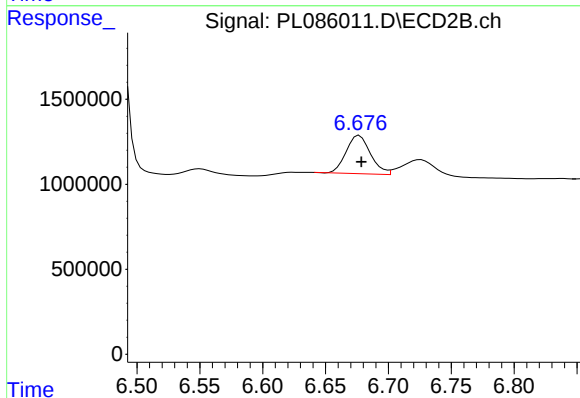
#21 Endrin ketone

R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 6837287
Conc: 2.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

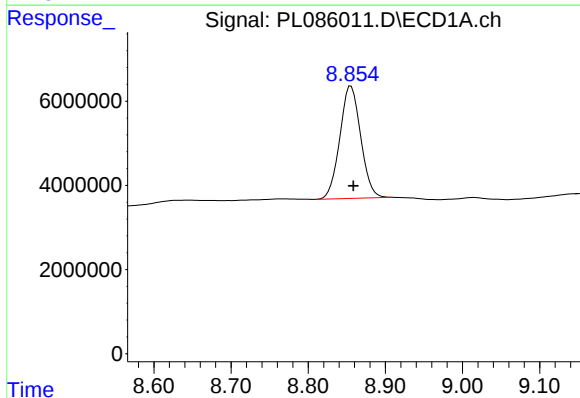
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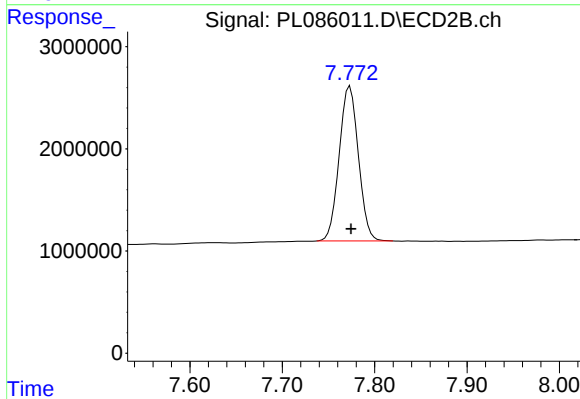
#21 Endrin ketone

R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 3033620
Conc: 2.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.856 min
Delta R.T.: -0.003 min
Response: 50164515
Conc: 23.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.773 min
Delta R.T.: -0.001 min
Response: 21929221
Conc: 23.76 ng/ml