

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051424\
 Data File : PL089518.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 May 2024 13:59
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/15/2024
 Supervised By : Ankita Jodhani 05/15/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 15 00:41:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.552	2.799	42965495	28842380	21.337	22.480
28)	SA Decachlor...	9.062	7.946	23105298	27116056	16.515m	20.158
Target Compounds							
2)	A alpha-BHC	4.006	3.303	30778558	19555875	10.793	10.364
3)	MA gamma-BHC...	4.338	3.633	29011846	18285190	10.421	9.909
6)	B beta-BHC	4.532	3.930	13656255	9735724	10.825	11.924
12)	B 4,4'-DDE	6.201	5.262	2837736	1472817	1.402m	1.013 #
14)	MA Endrin	6.583	5.668	79824357	73986913	42.138m	51.463
16)	A 4,4'-DDD	6.719	5.817	3761214	2442722	2.230	1.981
17)	MA 4,4'-DDT	7.032	6.067	131.9E6	144.7E6	71.714	106.937 #
18)	B Endrin al...	6.932	6.142	2172491	2141892	1.437	1.926 #
20)	A Methoxychlor	7.506	6.642	174.5E6	191.7E6	177.464	239.794 #
21)	B Endrin ke...	7.651	6.869	6408284	3227308	3.202	2.018 #

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

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Acq On : 14 May 2024 13:59
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

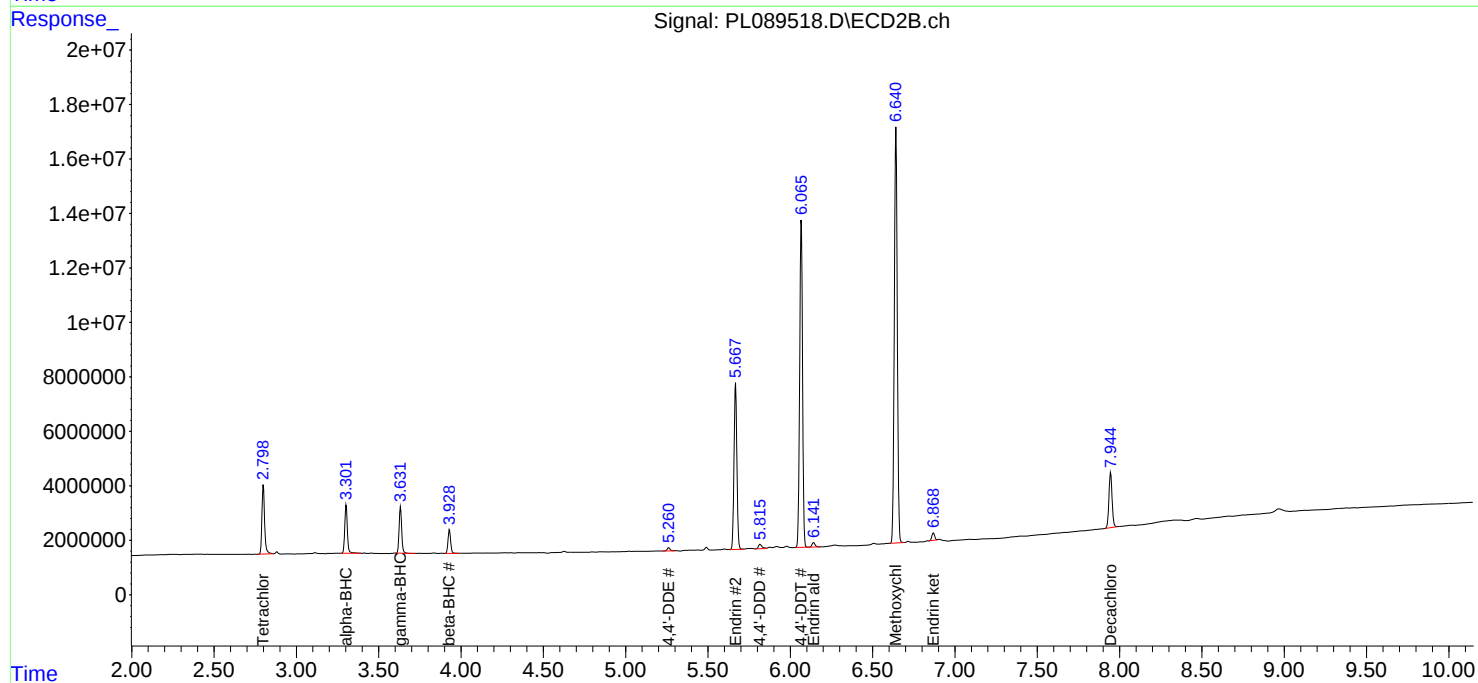
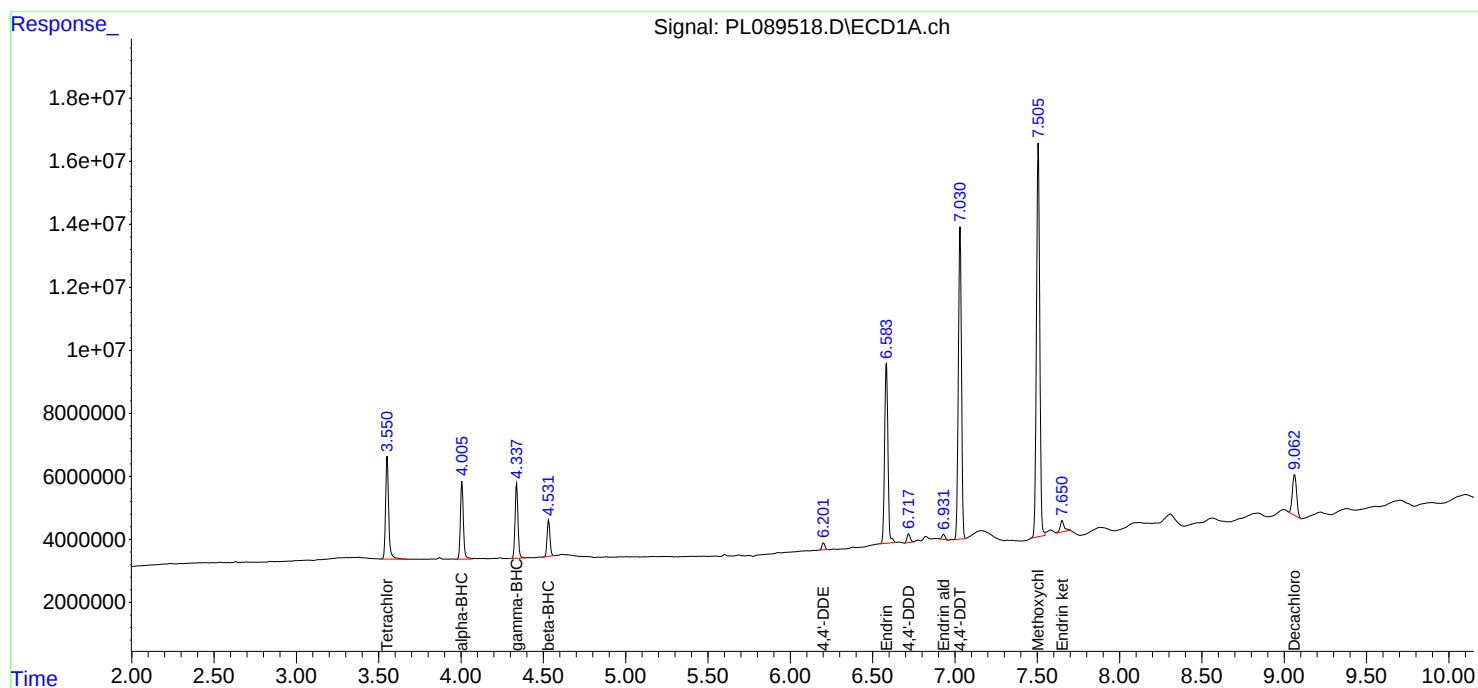
Instrument :
ECD_L
ClientSampleId :
PEM

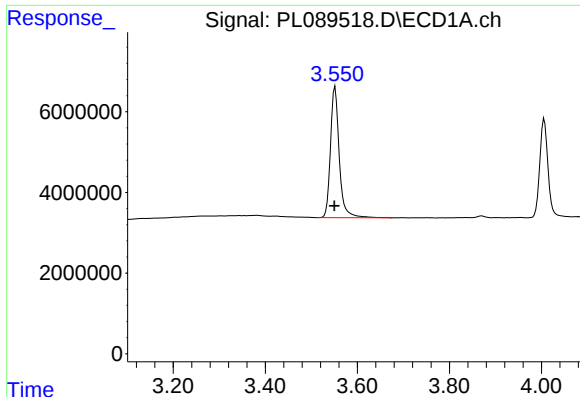
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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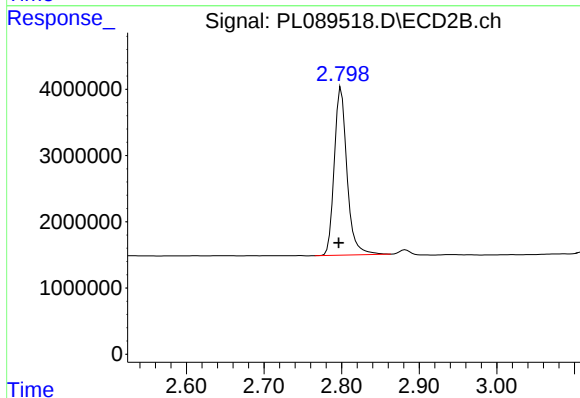
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.002 min
Response: 42965495
Conc: 21.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

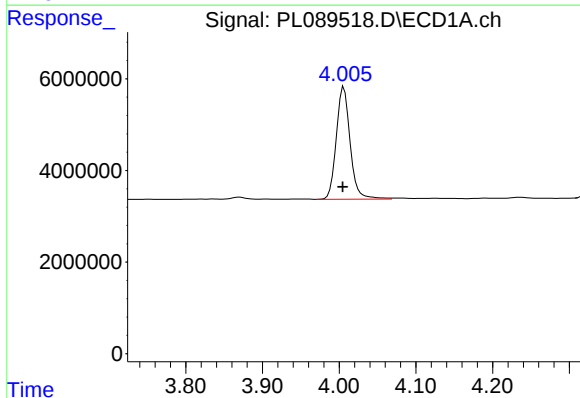
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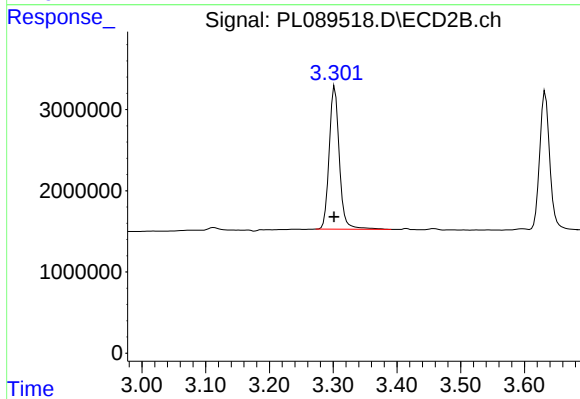
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: 0.003 min
Response: 28842380
Conc: 22.48 ng/ml



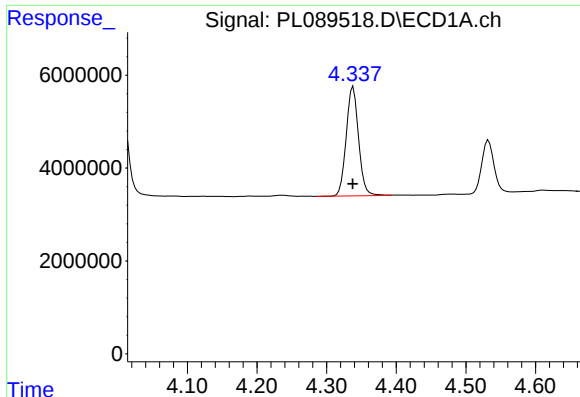
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.001 min
Response: 30778558
Conc: 10.79 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.001 min
Response: 19555875
Conc: 10.36 ng/ml



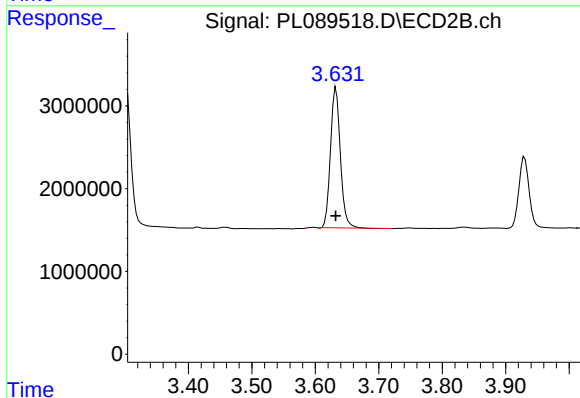
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 29011846
Conc: 10.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

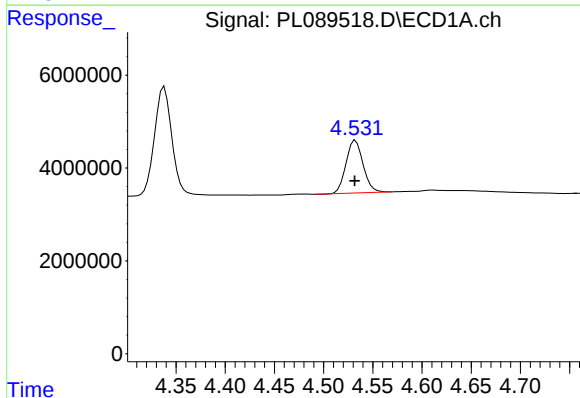
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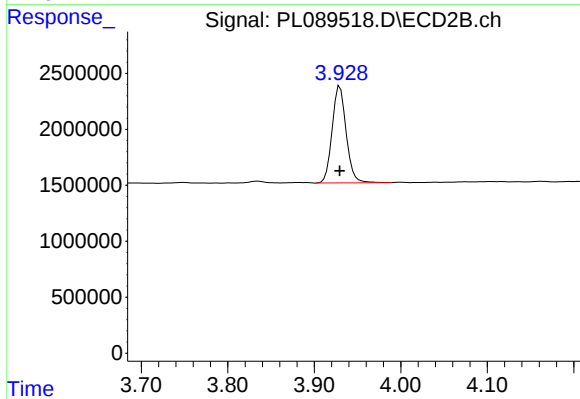
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 18285190
Conc: 9.91 ng/ml



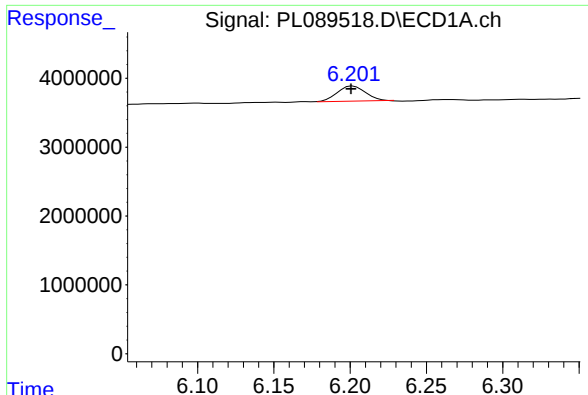
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 13656255
Conc: 10.82 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 9735724
Conc: 11.92 ng/ml



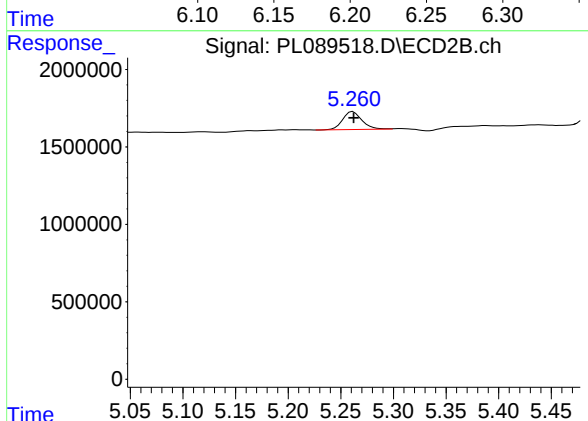
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.000 min
Response: 2837736
Conc: 1.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

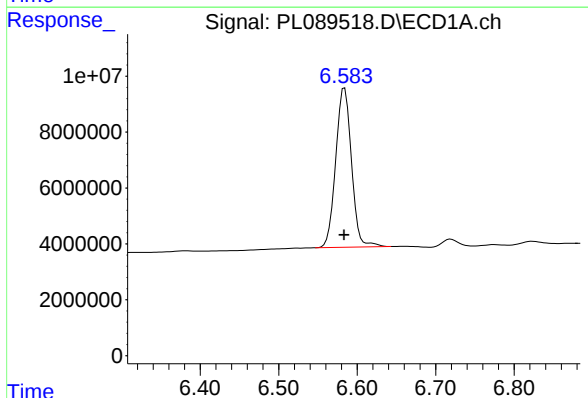
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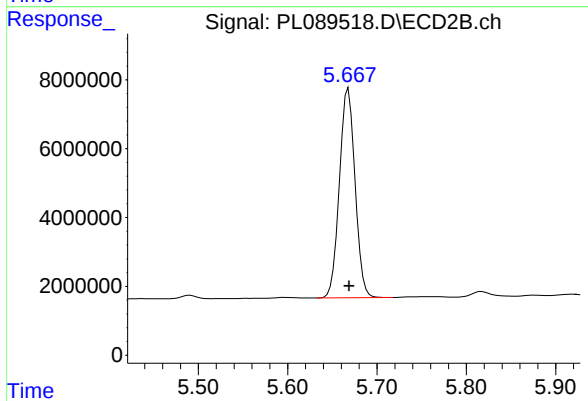
#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 1472817
Conc: 1.01 ng/ml



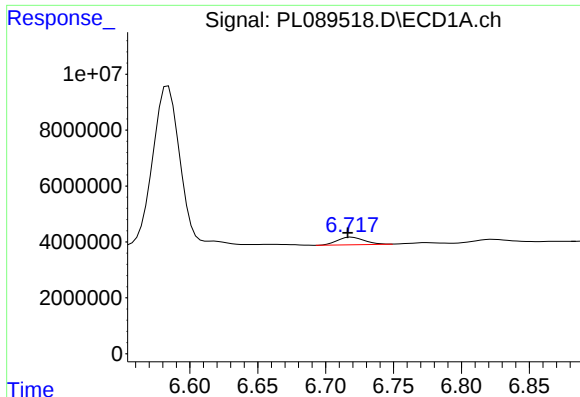
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.000 min
Response: 79824357
Conc: 42.14 ng/ml m



#14 Endrin

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 73986913
Conc: 51.46 ng/ml



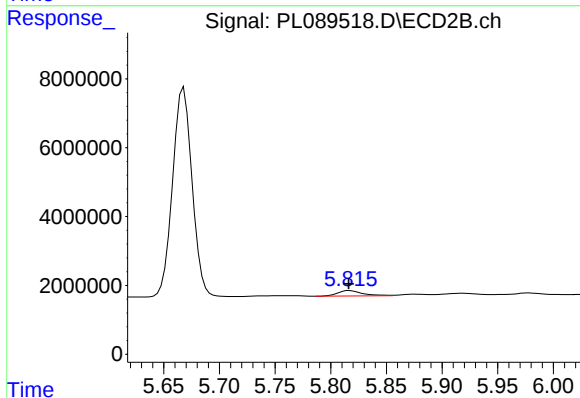
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.003 min
Response: 3761214
Conc: 2.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

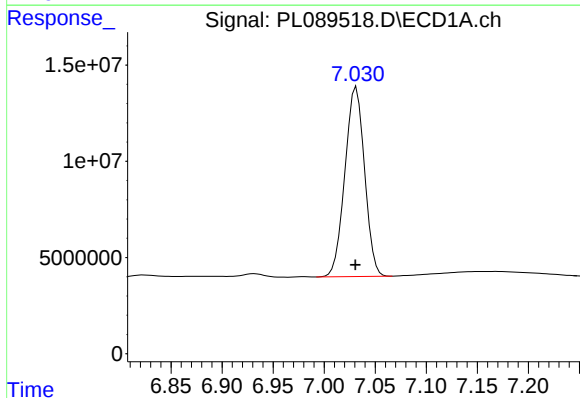
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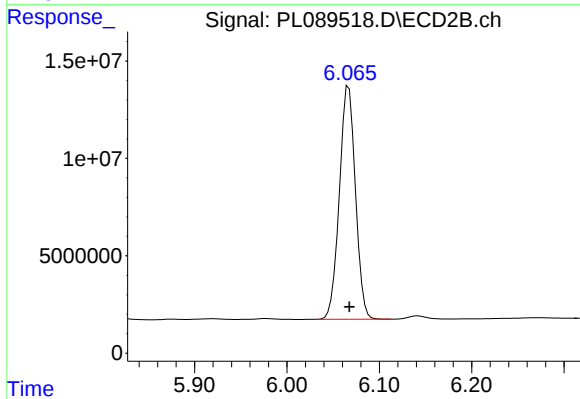
#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 2442722
Conc: 1.98 ng/ml



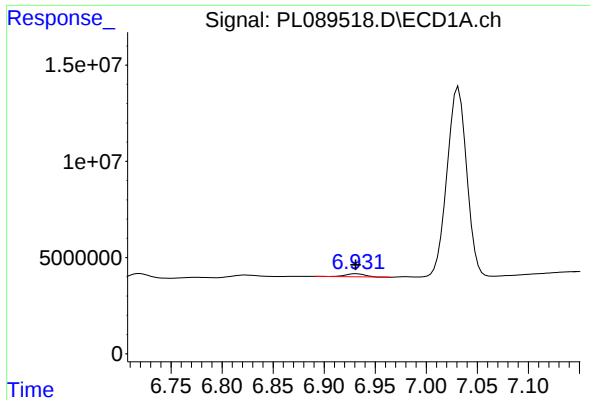
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.001 min
Response: 131881135
Conc: 71.71 ng/ml



#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: 0.000 min
Response: 144683983
Conc: 106.94 ng/ml



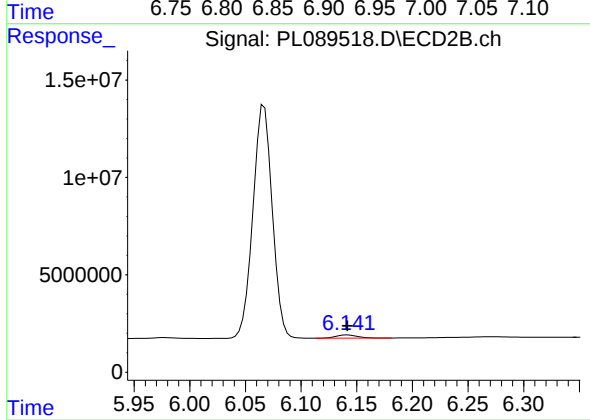
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 2172491
Conc: 1.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

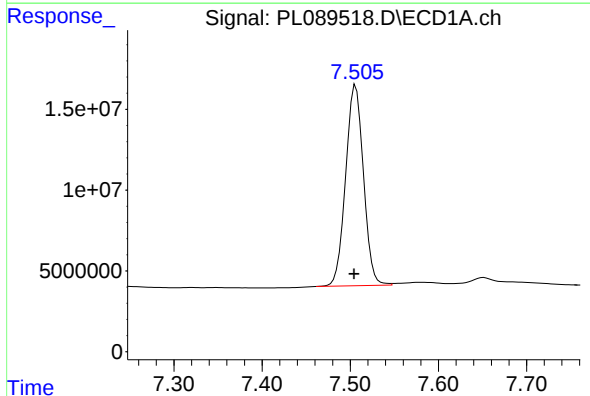
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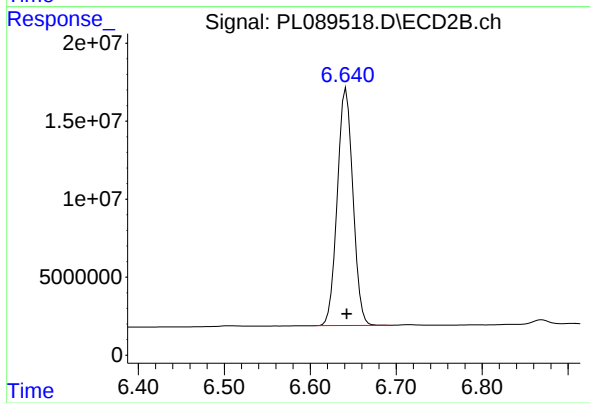
#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 2141892
Conc: 1.93 ng/ml



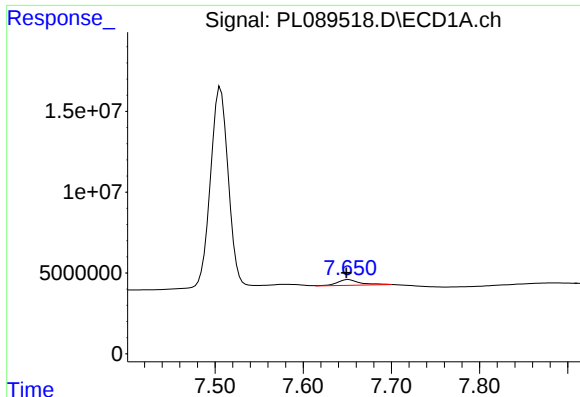
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.002 min
Response: 174518365
Conc: 177.46 ng/ml



#20 Methoxychlor

R.T.: 6.642 min
Delta R.T.: 0.000 min
Response: 191735745
Conc: 239.79 ng/ml



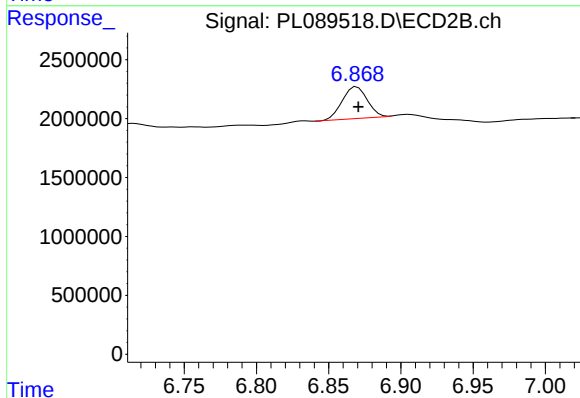
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.002 min
Response: 6408284
Conc: 3.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

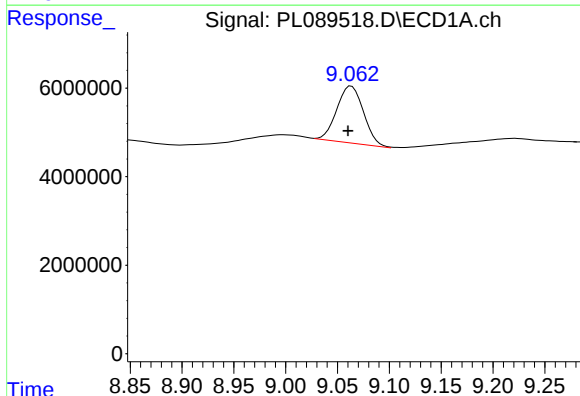
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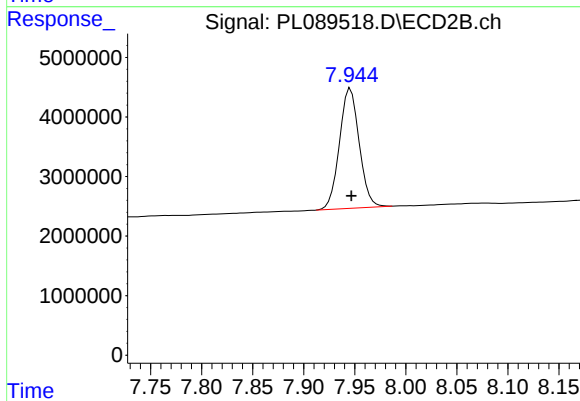
#21 Endrin ketone

R.T.: 6.869 min
Delta R.T.: -0.001 min
Response: 3227308
Conc: 2.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.002 min
Response: 23105298
Conc: 16.52 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.946 min
Delta R.T.: 0.000 min
Response: 27116056
Conc: 20.16 ng/ml