

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041924\
 Data File : PL089089.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Apr 2024 10:55
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/22/2024
 Supervised By :Ankita Jodhani 04/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 20 00:39:53 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	42829955	28180982	20.152	21.143
28)	SA Decachlor...	9.064	7.951	27824549	28538876	21.844	21.312
Target Compounds							
2)	A alpha-BHC	4.006	3.303	31482350	18942329	10.529	9.574
3)	MA gamma-BHC...	4.338	3.634	30911864	17832027	10.714	9.270
6)	B beta-BHC	4.531	3.931	14690949	9380312	10.948m	11.224
12)	B 4,4'-DDE	6.201	5.265	1119295	477261	0.557m	0.325 #
14)	MA Endrin	6.585	5.671	83385221	71229269	44.369	49.010
16)	A 4,4'-DDD	6.718	5.818	7218697	3866190	4.478	3.193 #
17)	MA 4,4'-DDT	7.032	6.070	152.2E6	144.8E6	83.546	110.445 #
18)	B Endrin al...	6.933	6.144	4295223	2950818	2.935	2.685
20)	A Methoxychlor	7.507	6.646	194.6E6	185.9E6	220.892	248.748
21)	B Endrin ke...	7.651	6.872	7531692	5504281	3.905	3.478

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

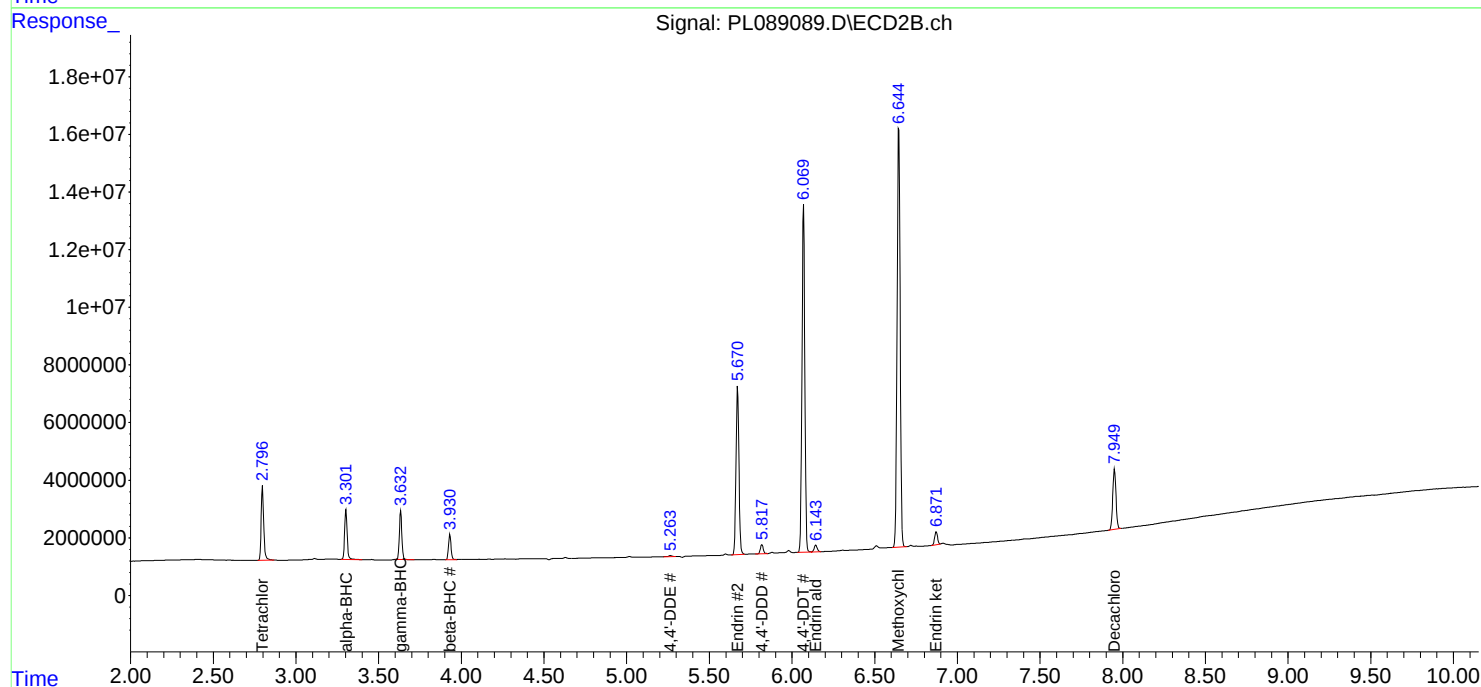
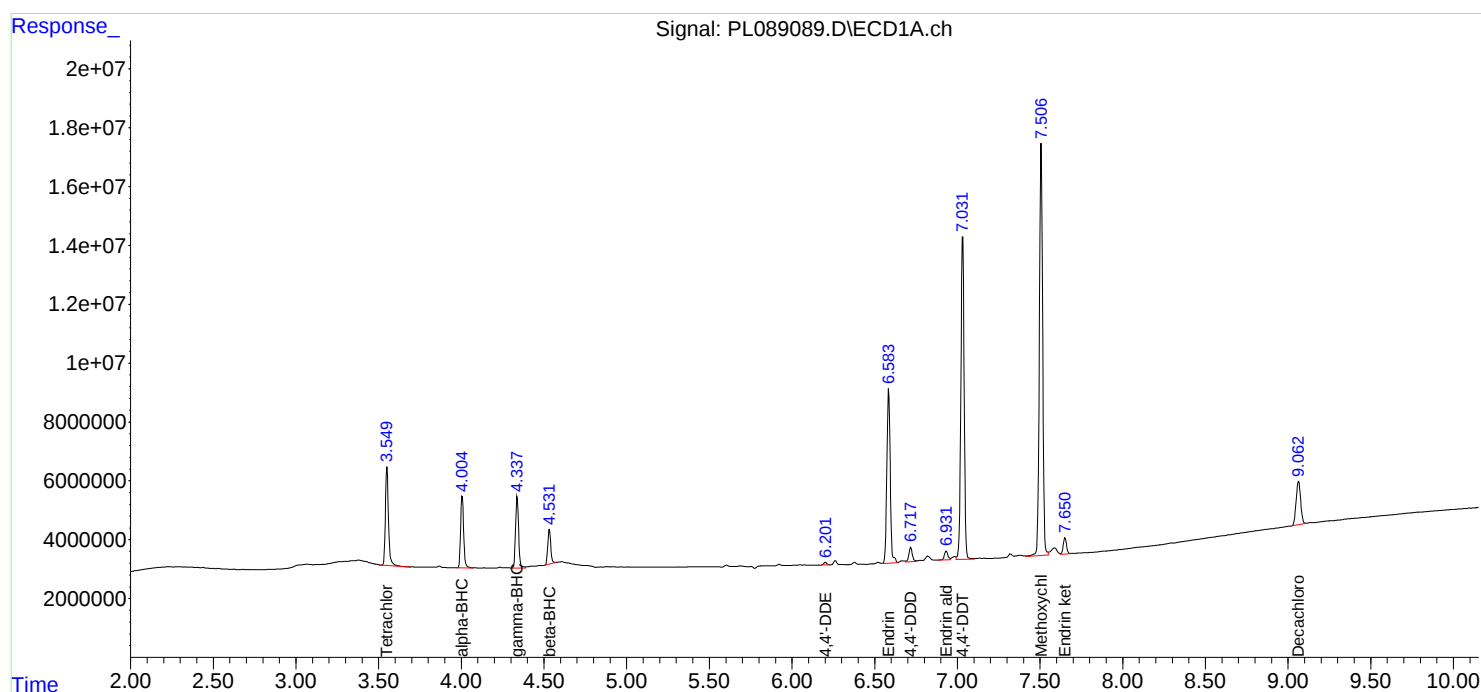
Instrument :
ECD_L
ClientSampleId :
PEM

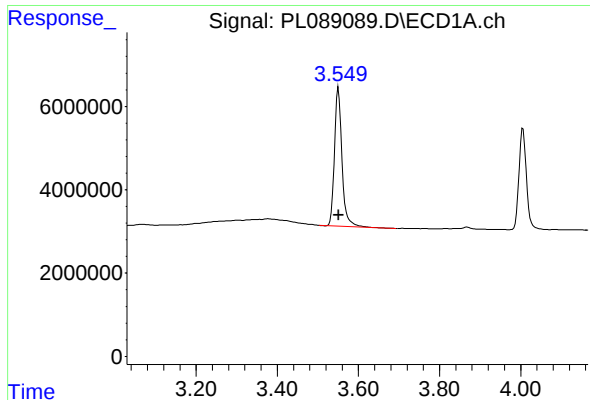
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Integration File signal 1: autoint1.e
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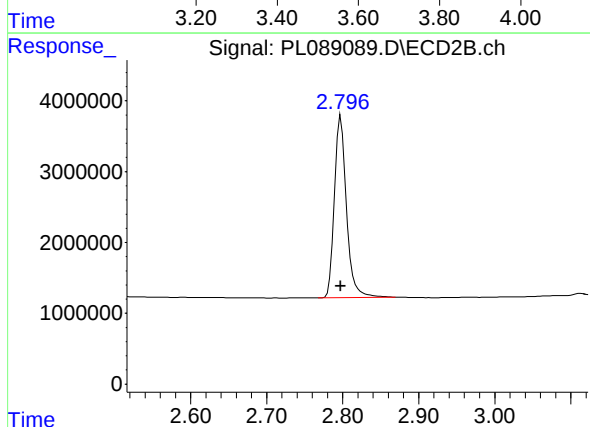
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 42829955
Conc: 20.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

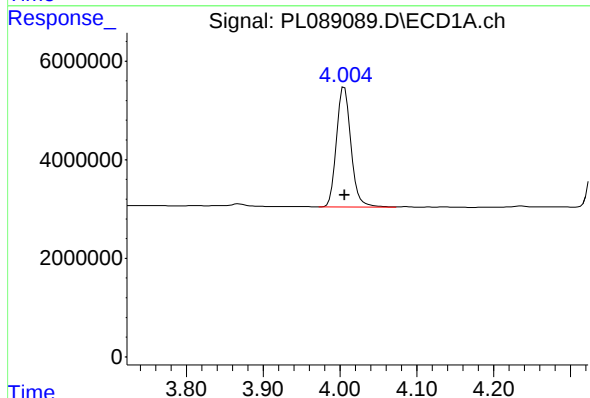
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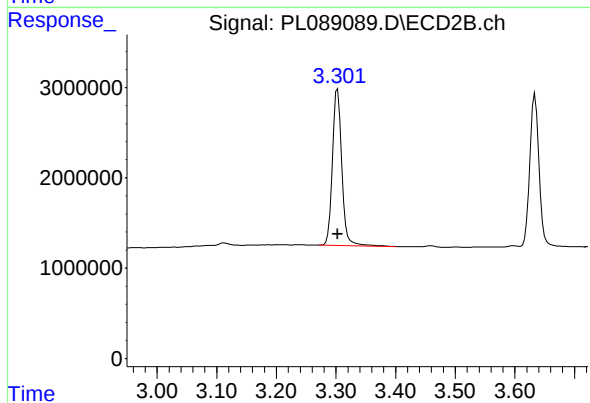
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 28180982
Conc: 21.14 ng/ml



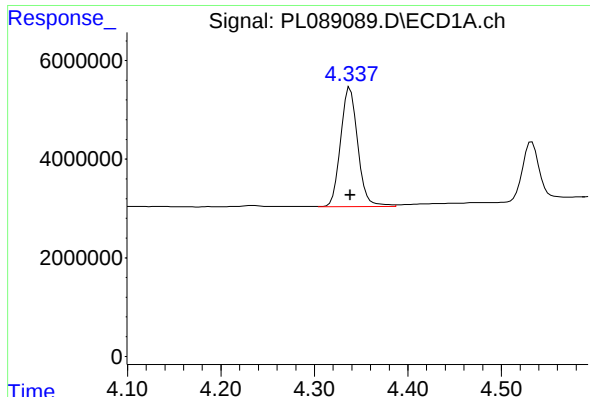
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 31482350
Conc: 10.53 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 18942329
Conc: 9.57 ng/ml



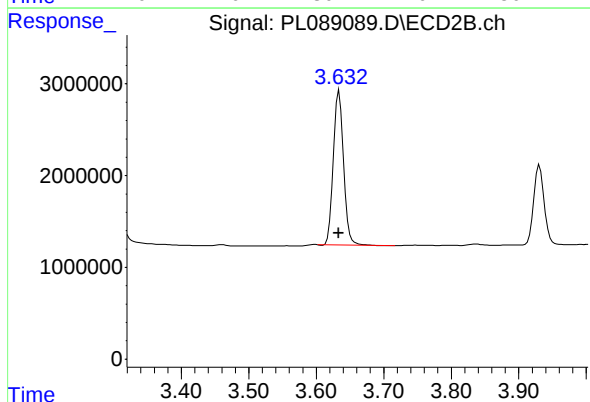
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 30911864
Conc: 10.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

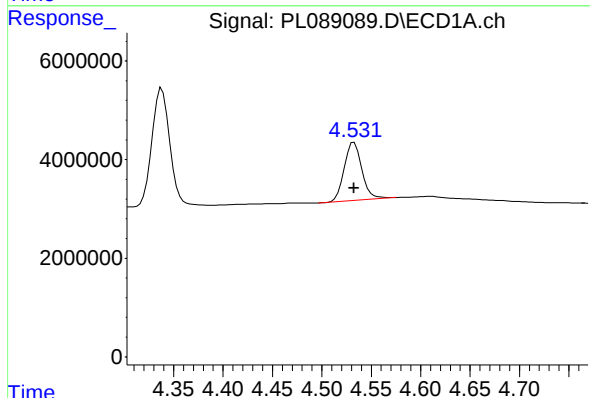
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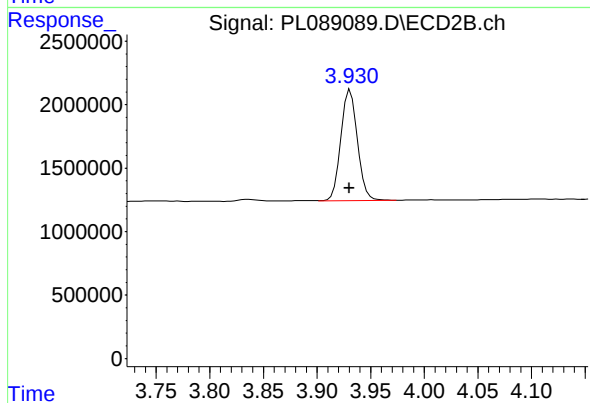
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 17832027
Conc: 9.27 ng/ml



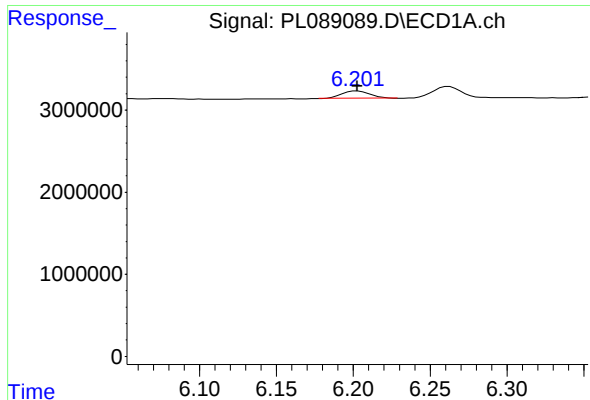
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 14690949
Conc: 10.95 ng/ml m



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 9380312
Conc: 11.22 ng/ml



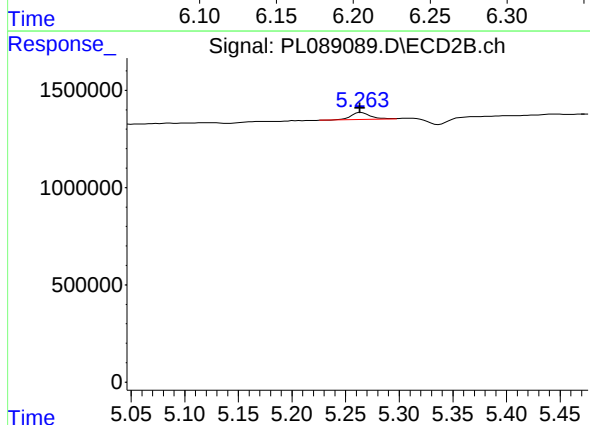
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 1119295
Conc: 0.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

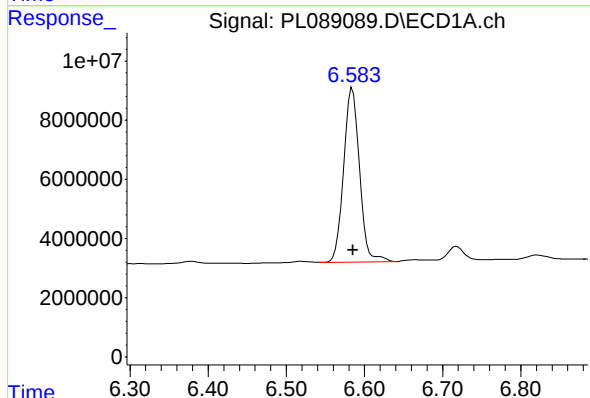
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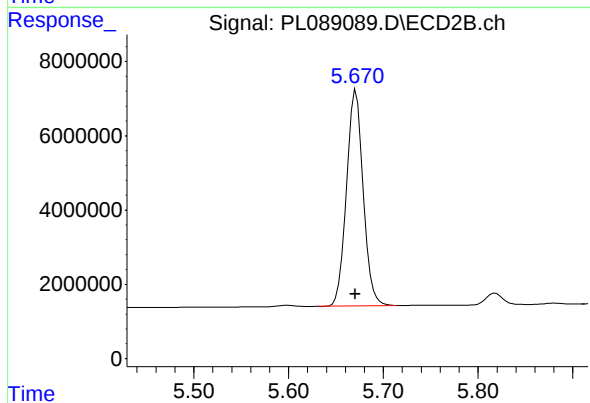
#12 4,4'-DDE

R.T.: 5.265 min
Delta R.T.: 0.001 min
Response: 477261
Conc: 0.32 ng/ml



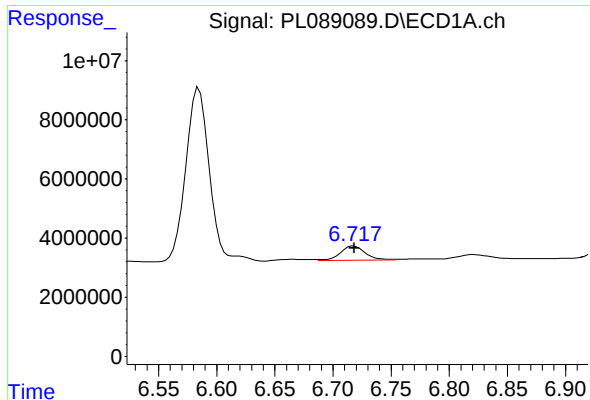
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 83385221
Conc: 44.37 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 71229269
Conc: 49.01 ng/ml



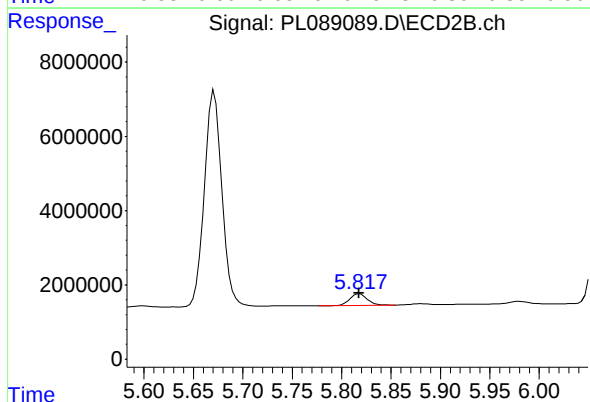
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.000 min
Response: 7218697
Conc: 4.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

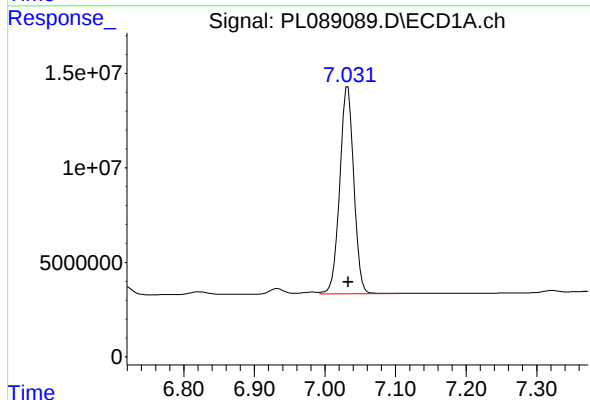
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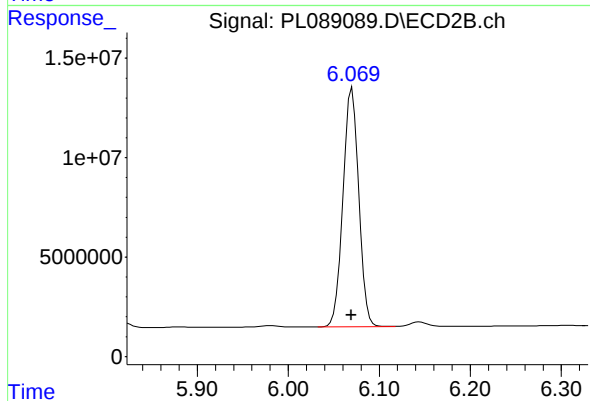
#16 4,4'-DDD

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 3866190
Conc: 3.19 ng/ml



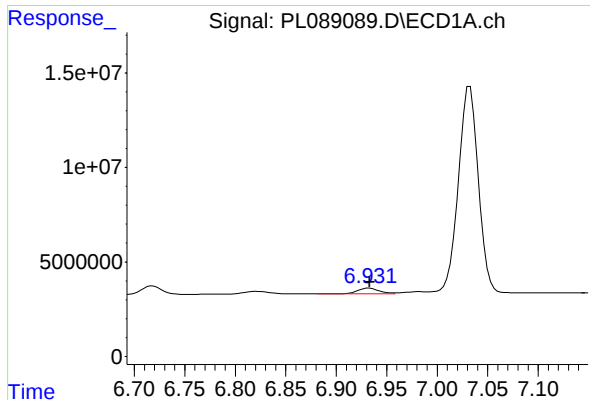
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 152240458
Conc: 83.55 ng/ml



#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 144766714
Conc: 110.45 ng/ml



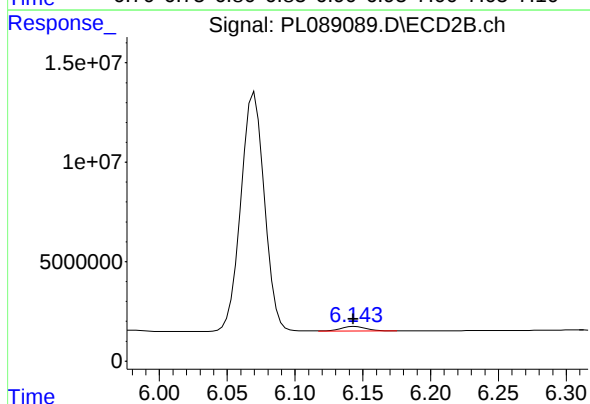
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 4295223
Conc: 2.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

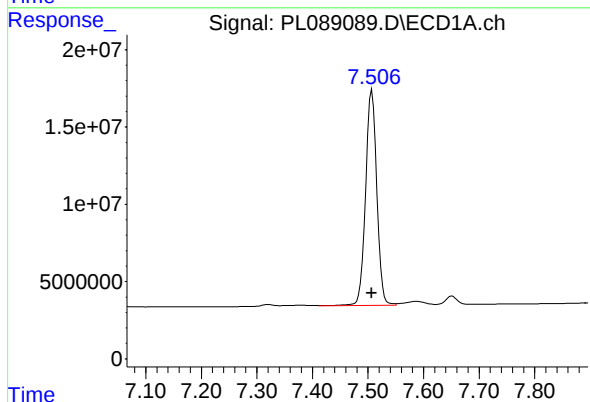
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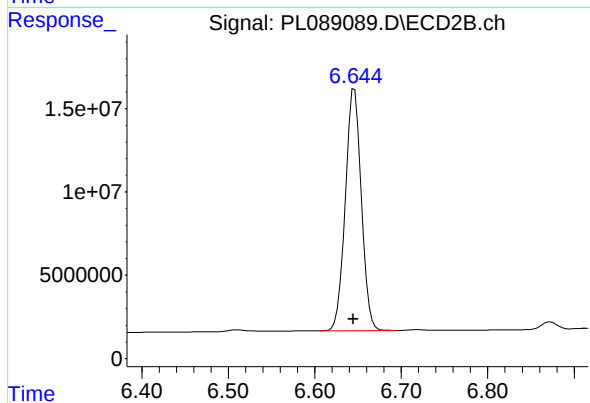
#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.001 min
Response: 2950818
Conc: 2.69 ng/ml



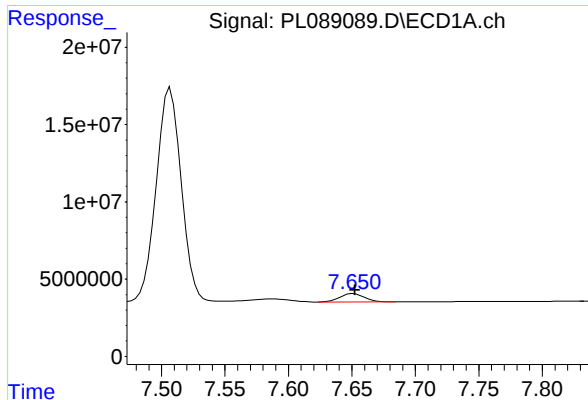
#20 Methoxychlor

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 194630874
Conc: 220.89 ng/ml



#20 Methoxychlor

R.T.: 6.646 min
Delta R.T.: 0.001 min
Response: 185920865
Conc: 248.75 ng/ml



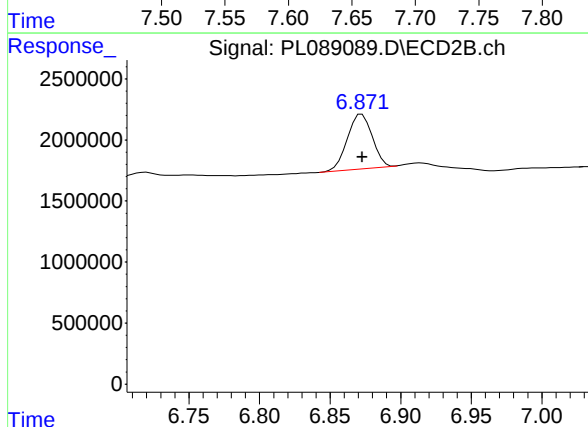
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: 0.000 min
Response: 7531692
Conc: 3.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

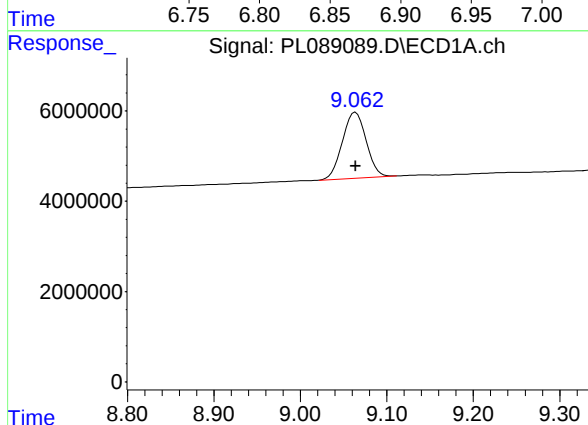
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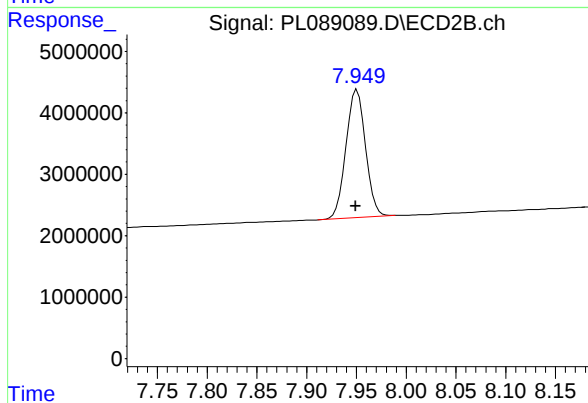
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 5504281
Conc: 3.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 27824549
Conc: 21.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.951 min
Delta R.T.: 0.002 min
Response: 28538876
Conc: 21.31 ng/ml