

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042324\
 Data File : PL089134.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2024 09:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/24/2024
 Supervised By :Ankita Jodhani 04/24/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 11:44:02 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	44693835	27341687	21.029	20.513
28)	SA Decachlor...	9.064	7.949	28521579	27803701	22.392	20.763
Target Compounds							
2)	A alpha-BHC	4.006	3.303	32656729	18261247	10.922	9.230
3)	MA gamma-BHC...	4.339	3.634	31191122	17622689	10.811	9.161
6)	B beta-BHC	4.533	3.931	15283100	9164102	11.389	10.965
12)	B 4,4'-DDE	6.202	5.266	1251597	347422	0.623m	0.236 #
14)	MA Endrin	6.585	5.671	88515676	71594224	47.099	49.261
16)	A 4,4'-DDD	6.719	5.819	3057914	1184447	1.897	0.978 #
17)	MA 4,4'-DDT	7.033	6.070	162.6E6	149.6E6	89.234	114.150 #
18)	B Endrin al...	6.933	6.144	3634702	2456507	2.483	2.235
20)	A Methoxychlor	7.505	6.645	206.1E6	192.4E6	233.915m	257.447
21)	B Endrin ke...	7.651	6.872	5957071	4009760	3.089	2.533

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

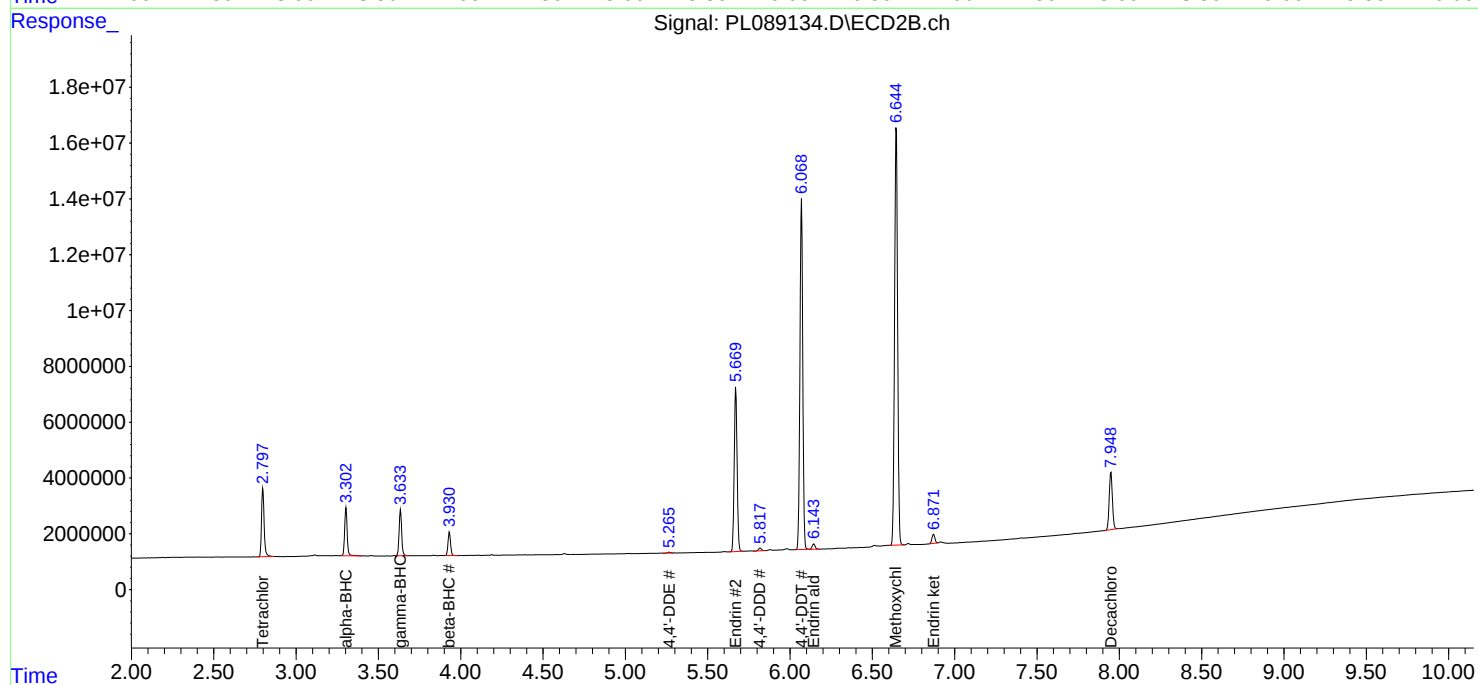
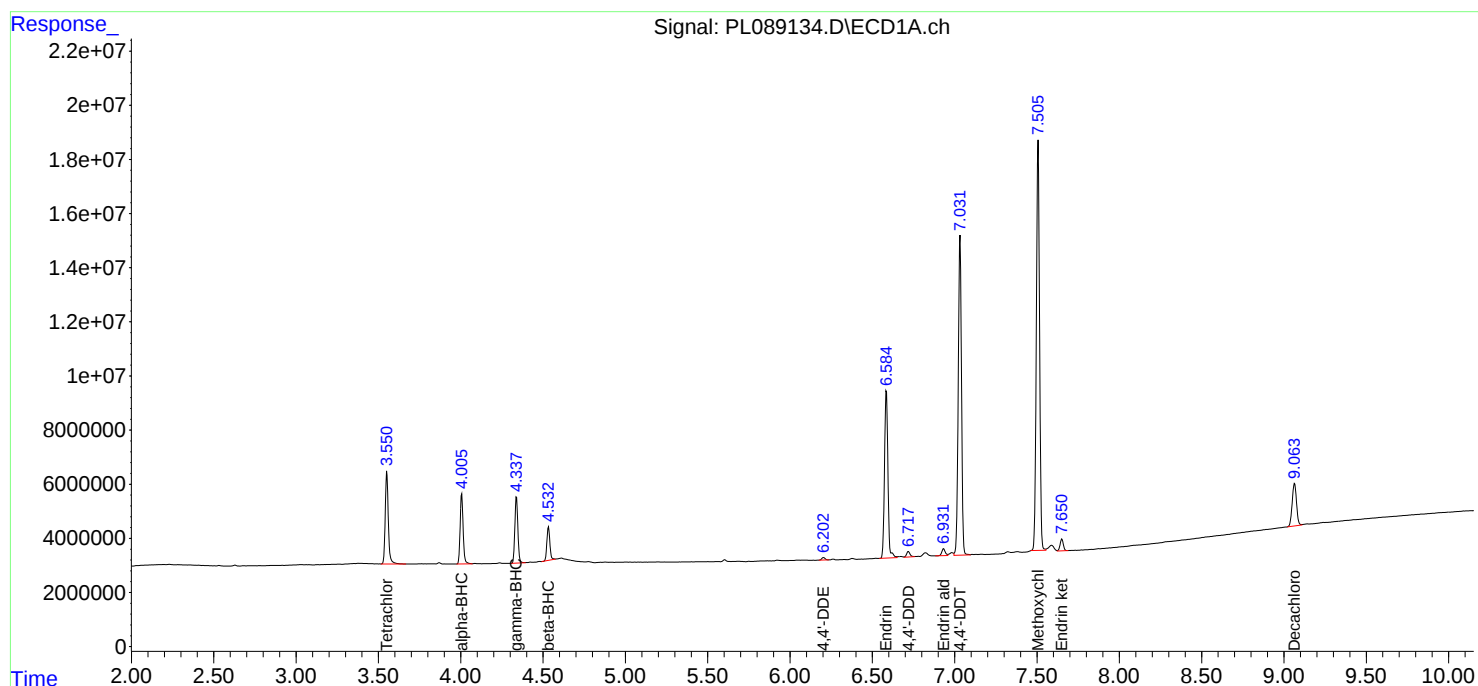
Instrument :
ECD_L
ClientSampleId :
PEM

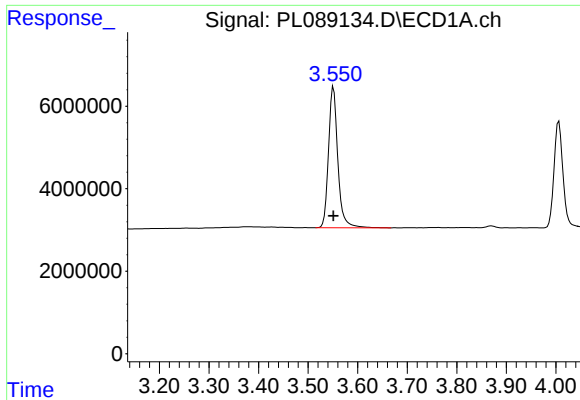
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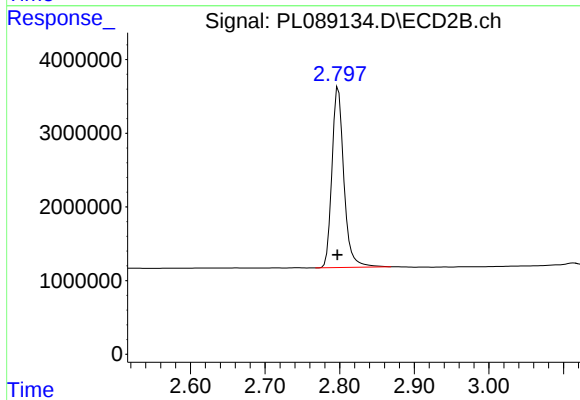
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 44693835
Conc: 21.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

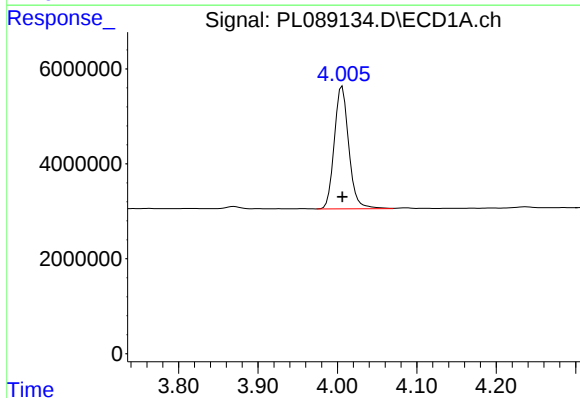
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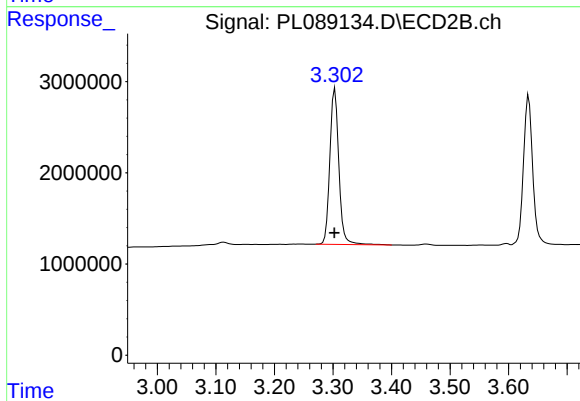
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.001 min
Response: 27341687
Conc: 20.51 ng/ml



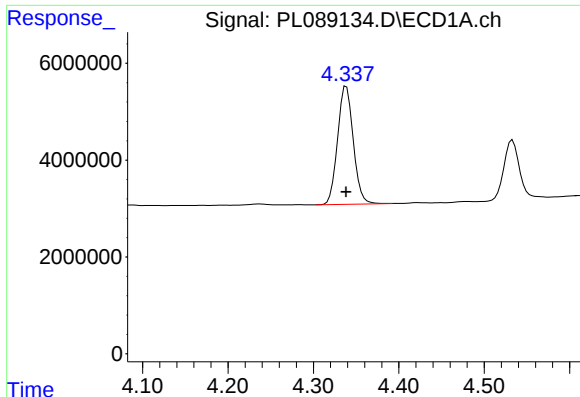
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 32656729
Conc: 10.92 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 18261247
Conc: 9.23 ng/ml



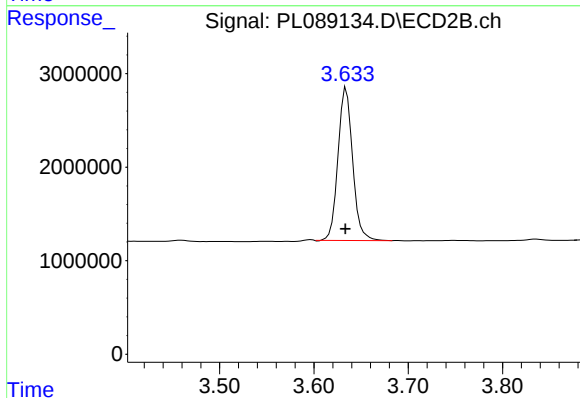
#3 gamma-BHC (Lindane)

R.T.: 4.339 min
Delta R.T.: 0.000 min
Response: 31191122
Conc: 10.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

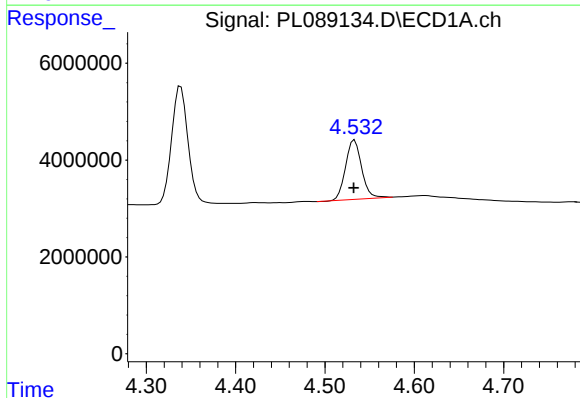
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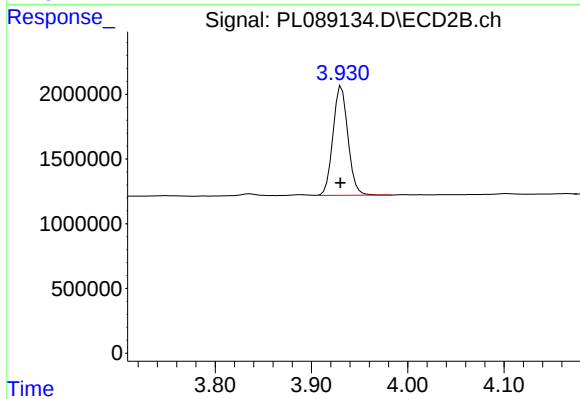
#3 gamma-BHC (Lindane)

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 17622689
Conc: 9.16 ng/ml



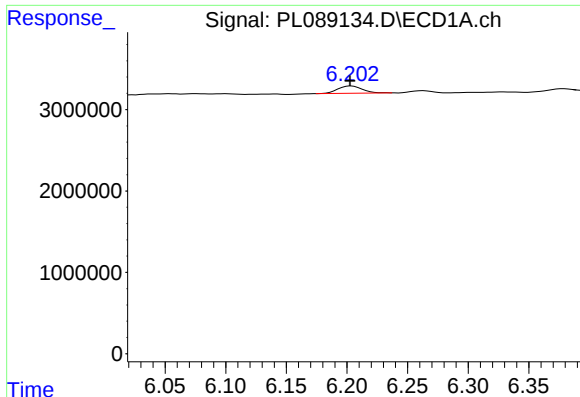
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 15283100
Conc: 11.39 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.001 min
Response: 9164102
Conc: 10.96 ng/ml



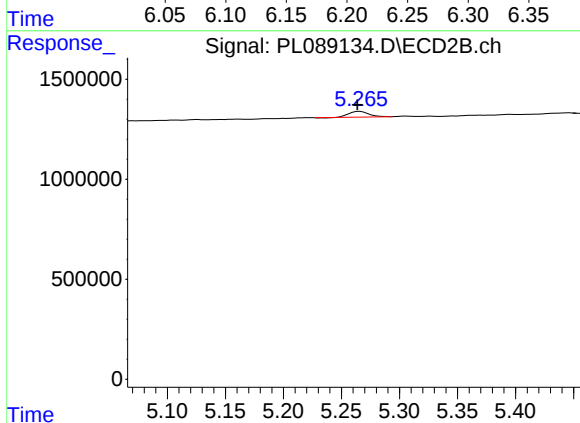
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 1251597
Conc: 0.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

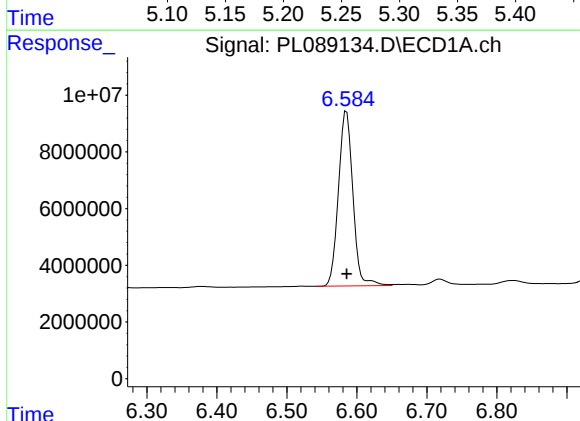
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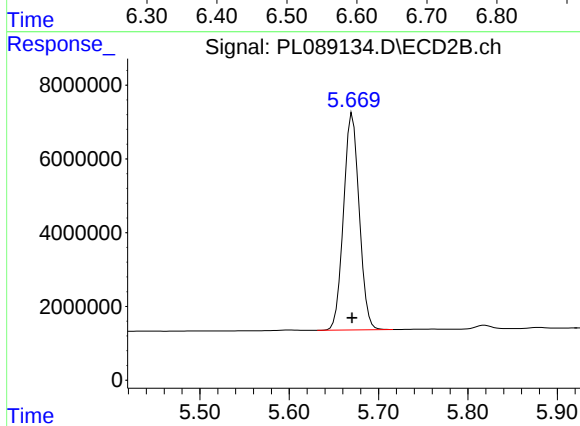
#12 4,4'-DDE

R.T.: 5.266 min
Delta R.T.: 0.002 min
Response: 347422
Conc: 0.24 ng/ml



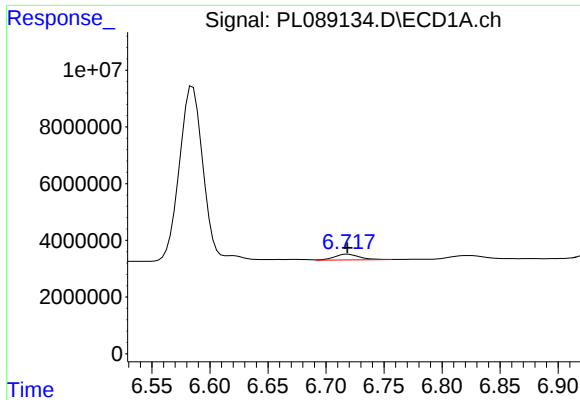
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 88515676
Conc: 47.10 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.000 min
Response: 71594224
Conc: 49.26 ng/ml



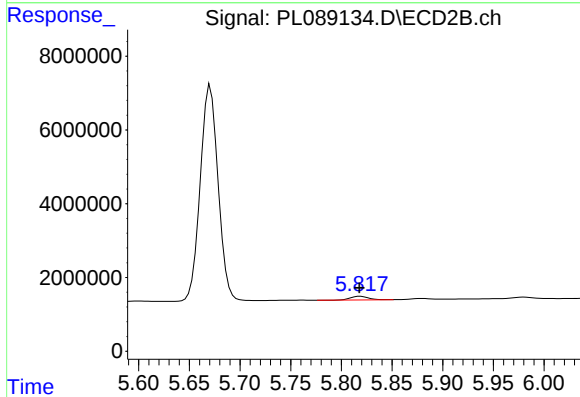
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 3057914
Conc: 1.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

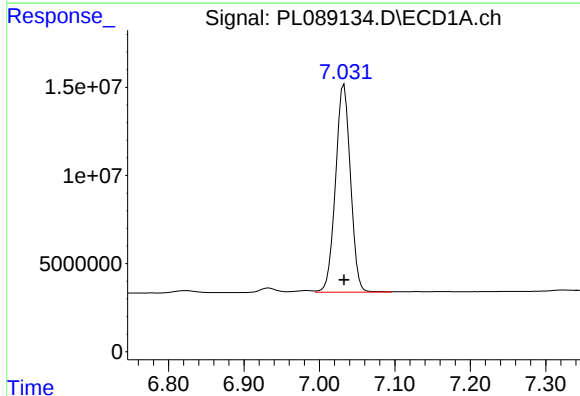
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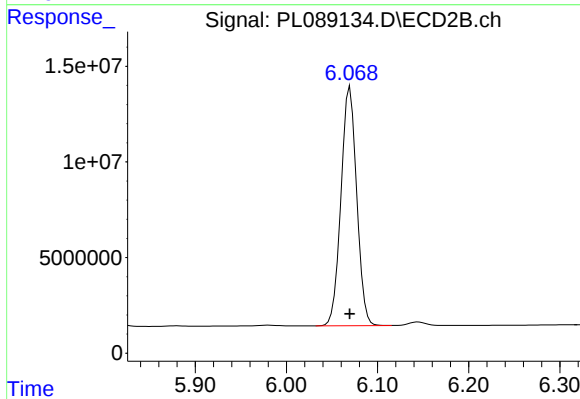
#16 4,4'-DDD

R.T.: 5.819 min
Delta R.T.: 0.001 min
Response: 1184447
Conc: 0.98 ng/ml



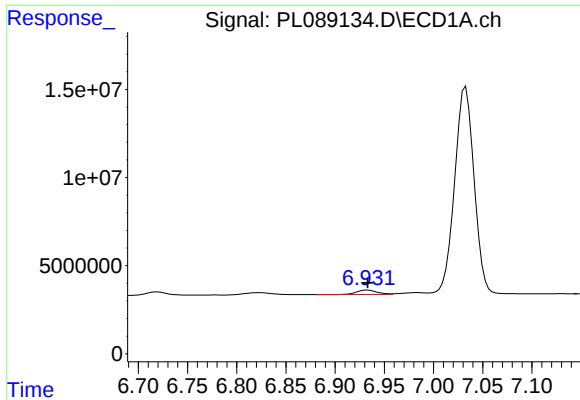
#17 4,4'-DDT

R.T.: 7.033 min
Delta R.T.: 0.000 min
Response: 162605443
Conc: 89.23 ng/ml



#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 149623351
Conc: 114.15 ng/ml



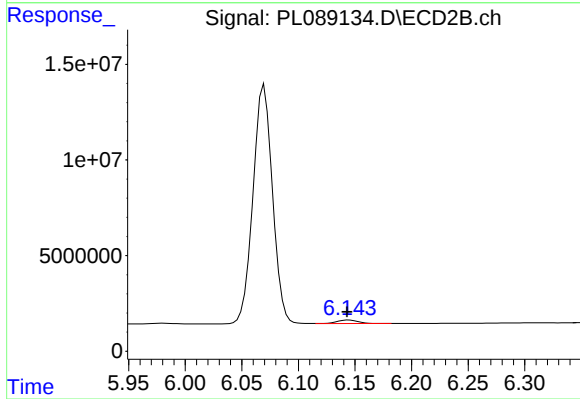
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 3634702
Conc: 2.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

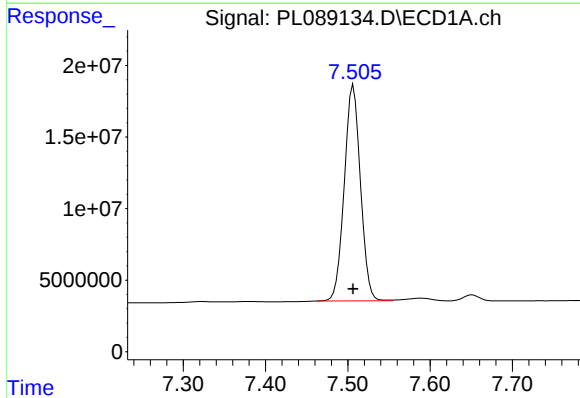
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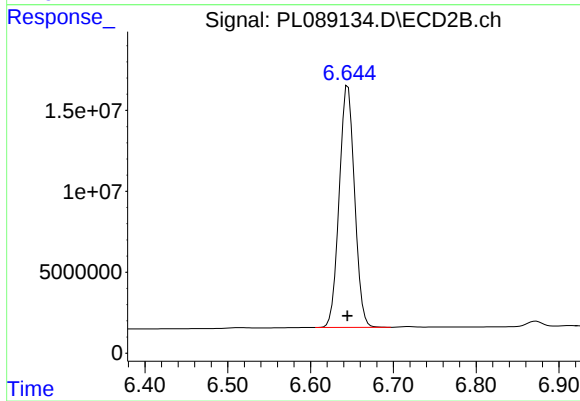
#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.001 min
Response: 2456507
Conc: 2.24 ng/ml



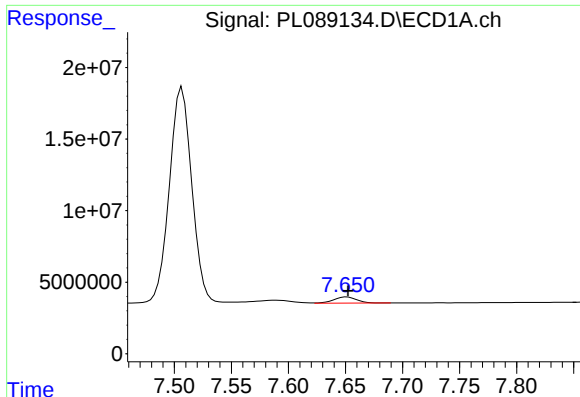
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 206106118
Conc: 233.92 ng/ml m



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 192423081
Conc: 257.45 ng/ml



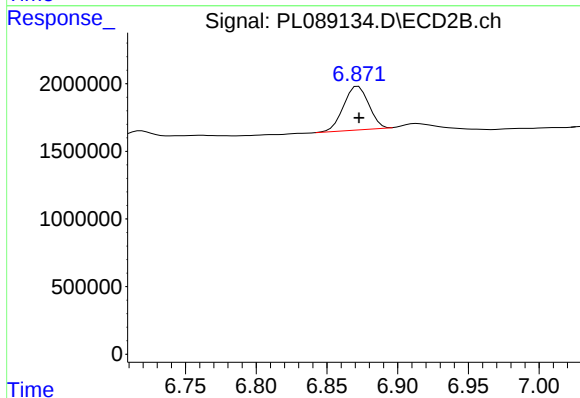
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: -0.001 min
Response: 5957071
Conc: 3.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

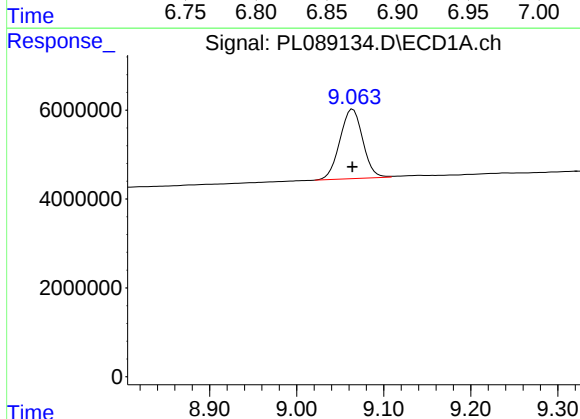
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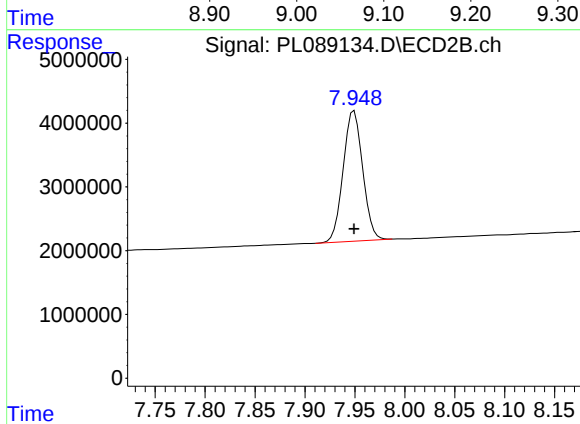
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 4009760
Conc: 2.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 28521579
Conc: 22.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.000 min
Response: 27803701
Conc: 20.76 ng/ml