

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012624\
 Data File : PL087968.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jan 2024 10:36
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/29/2024
 Supervised By :Ankita Jodhani 01/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 20:53:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 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...	3.419	2.673	66408557	28248811	22.182	23.320
28)	SA Decachlor...	8.980	7.859	68143941	30565280	23.927	24.128
Target Compounds							
2)	A alpha-BHC	3.876	3.176	46204718	18715505	10.298	10.154
3)	MA gamma-BHC...	4.209	3.507	44759817	17874964	10.262	9.836
6)	B beta-BHC	4.409	3.809	22244423	9016772	11.956	11.789
12)	B 4,4'-DDE	6.096	5.154	522606	204214	0.163	0.152
14)	MA Endrin	6.471	5.550	161.2E6	76894715	51.337	54.228
16)	A 4,4'-DDD	6.613	5.710	544112	274440	0.211m	0.243
17)	MA 4,4'-DDT	6.934	5.963	331.3E6	152.5E6	115.853	122.533
18)	B Endrin al...	6.824	6.029	3221850	2060323	1.281	1.773m#
20)	A Methoxychlor	7.419	6.548	435.6E6	196.9E6	268.277	267.552
21)	B Endrin ke...	7.546	6.760	7718195	3429659	2.373	2.237

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

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ALS Vial : 3 Sample Multiplier: 1

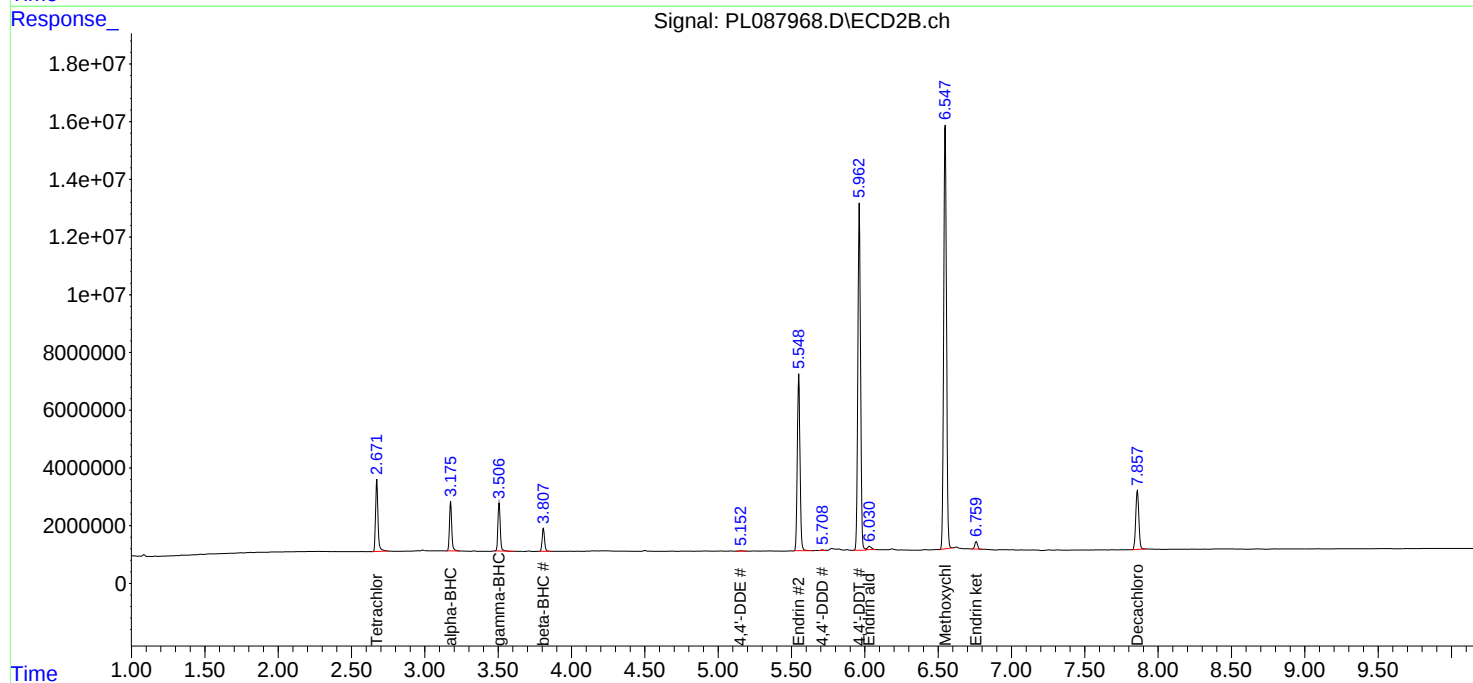
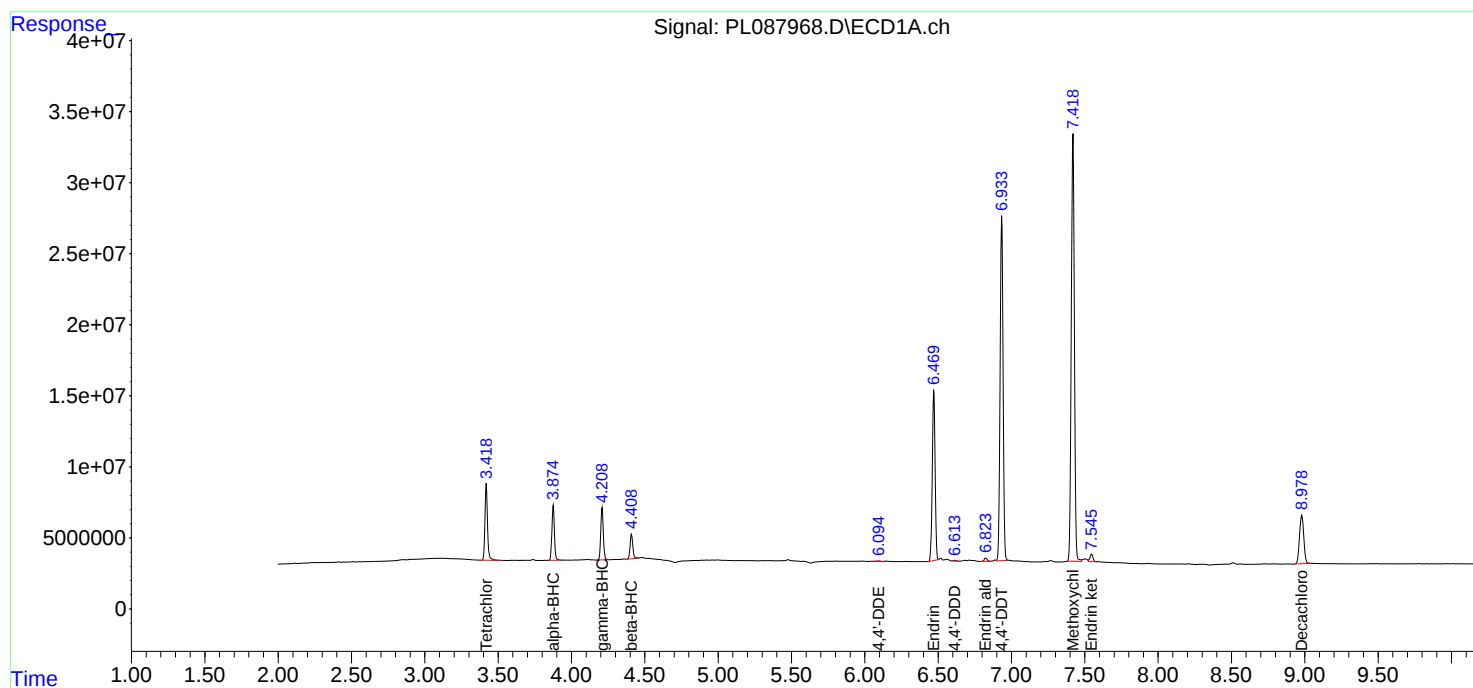
Instrument :
ECD_L
ClientSampleId :
PEM

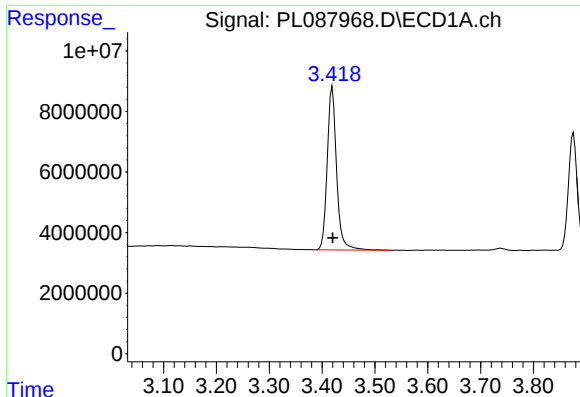
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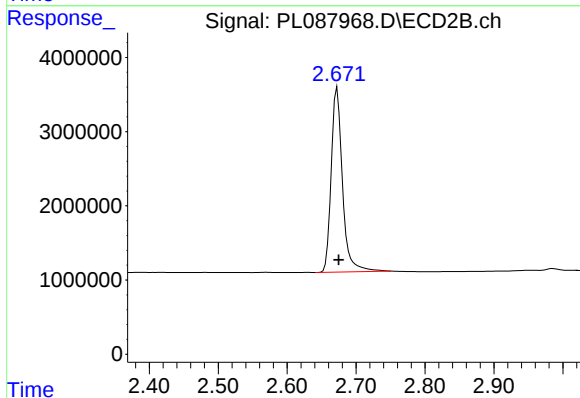
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: 0.000 min
Response: 66408557
Conc: 22.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

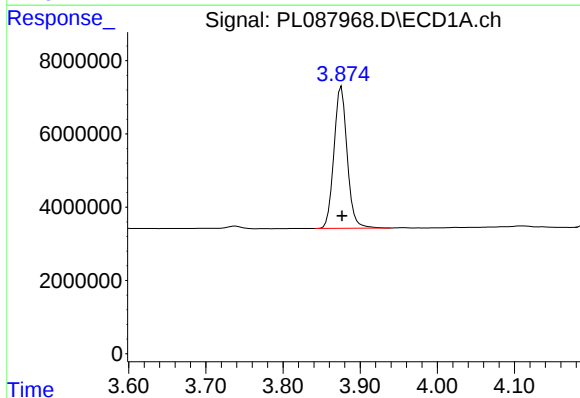
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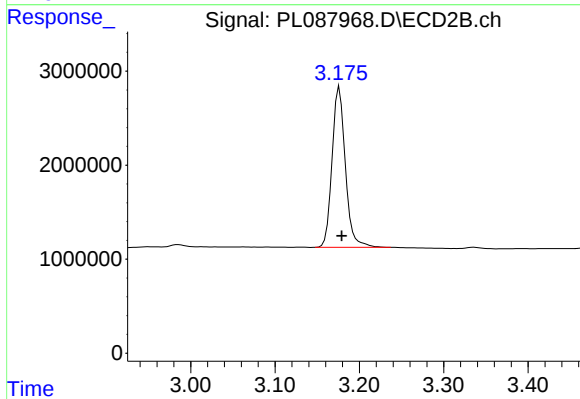
#1 Tetrachloro-m-xylene

R.T.: 2.673 min
Delta R.T.: -0.002 min
Response: 28248811
Conc: 23.32 ng/ml



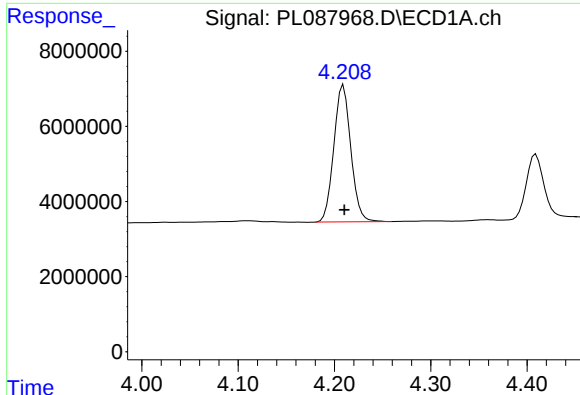
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: -0.001 min
Response: 46204718
Conc: 10.30 ng/ml



#2 alpha-BHC

R.T.: 3.176 min
Delta R.T.: -0.003 min
Response: 18715505
Conc: 10.15 ng/ml



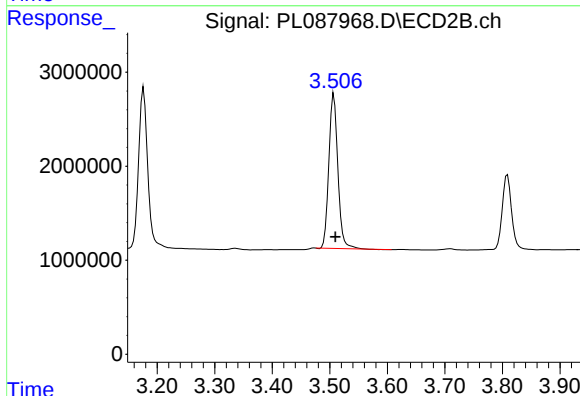
#3 gamma-BHC (Lindane)

R.T.: 4.209 min
Delta R.T.: -0.001 min
Response: 44759817
Conc: 10.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

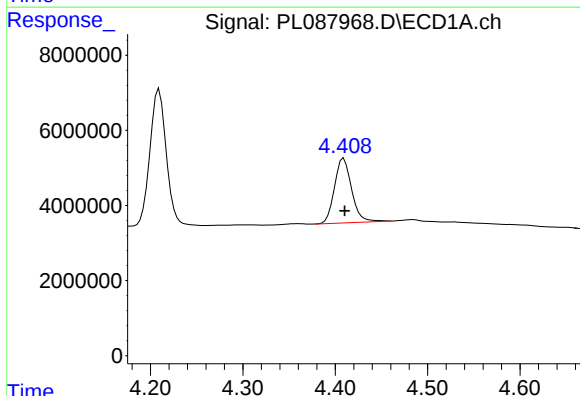
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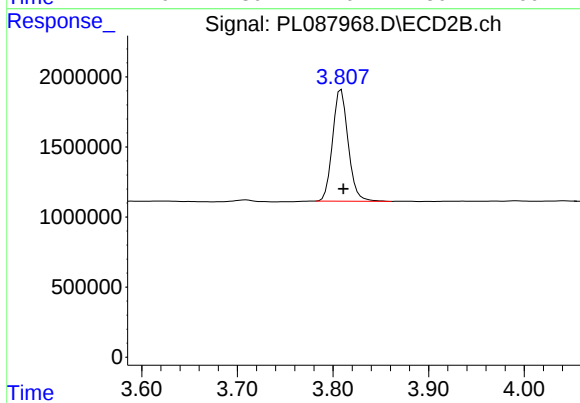
#3 gamma-BHC (Lindane)

R.T.: 3.507 min
Delta R.T.: -0.003 min
Response: 17874964
Conc: 9.84 ng/ml



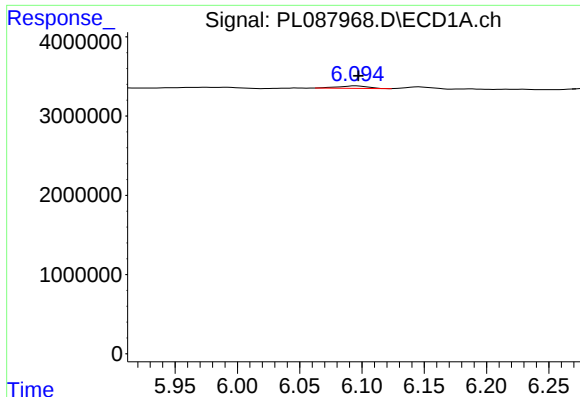
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 22244423
Conc: 11.96 ng/ml



#6 beta-BHC

R.T.: 3.809 min
Delta R.T.: -0.002 min
Response: 9016772
Conc: 11.79 ng/ml



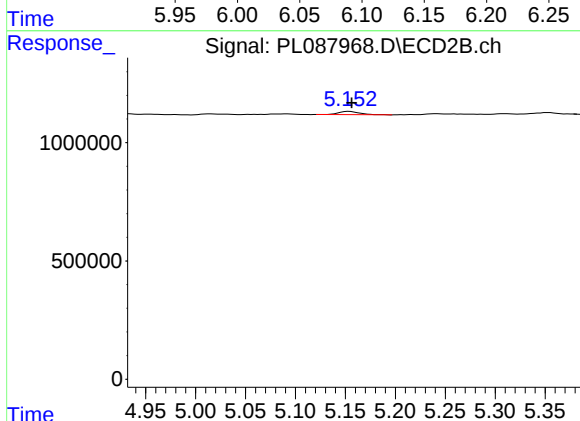
#12 4,4'-DDE

R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 522606
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

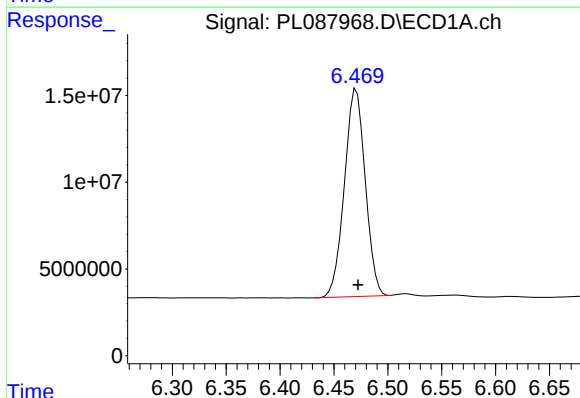
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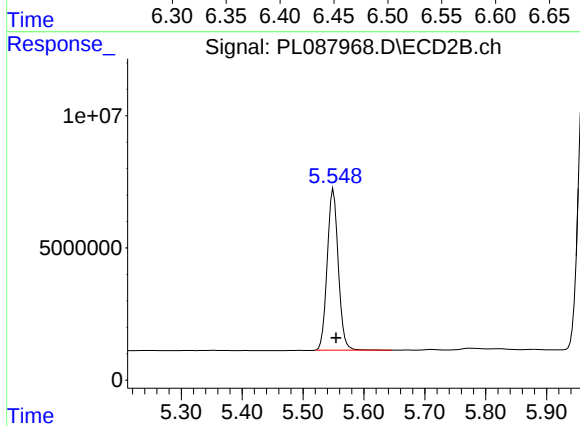
#12 4,4'-DDE

R.T.: 5.154 min
Delta R.T.: -0.003 min
Response: 204214
Conc: 0.15 ng/ml



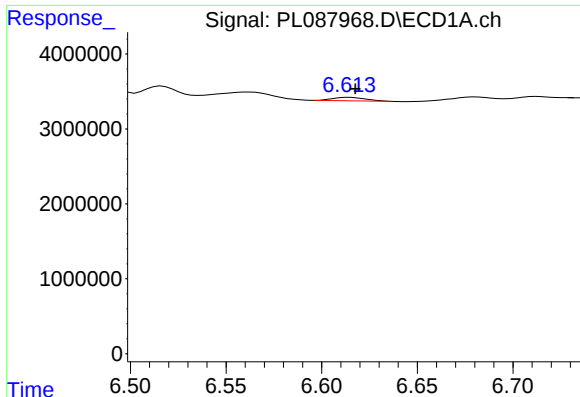
#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.002 min
Response: 161244232
Conc: 51.34 ng/ml



#14 Endrin

R.T.: 5.550 min
Delta R.T.: -0.004 min
Response: 76894715
Conc: 54.23 ng/ml



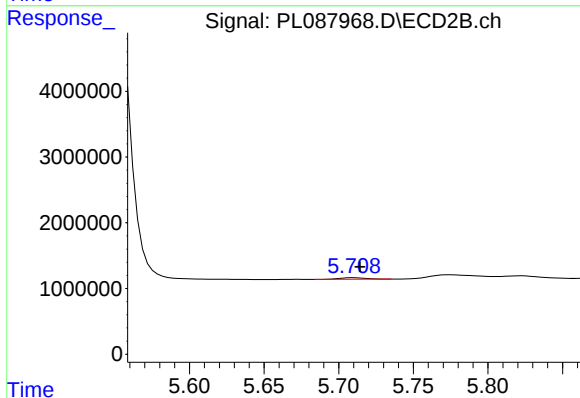
#16 4,4'-DDD

R.T.: 6.613 min
Delta R.T.: -0.005 min
Response: 544112
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

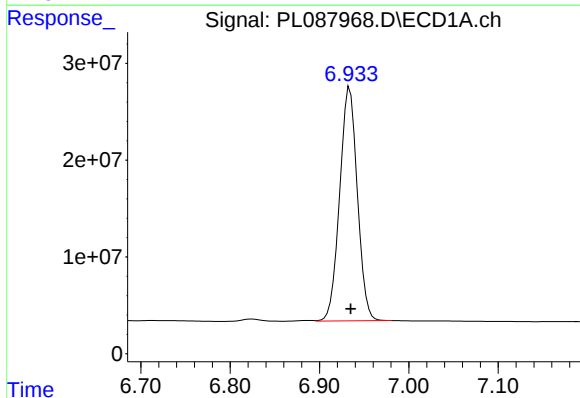
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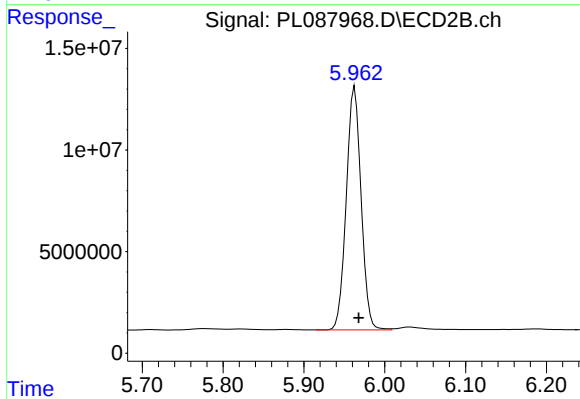
#16 4,4'-DDD

R.T.: 5.710 min
Delta R.T.: -0.004 min
Response: 274440
Conc: 0.24 ng/ml



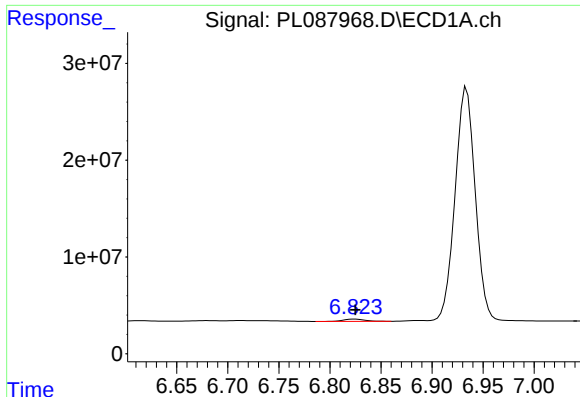
#17 4,4'-DDT

R.T.: 6.934 min
Delta R.T.: -0.001 min
Response: 331288748
Conc: 115.85 ng/ml



#17 4,4'-DDT

R.T.: 5.963 min
Delta R.T.: -0.005 min
Response: 152501581
Conc: 122.53 ng/ml



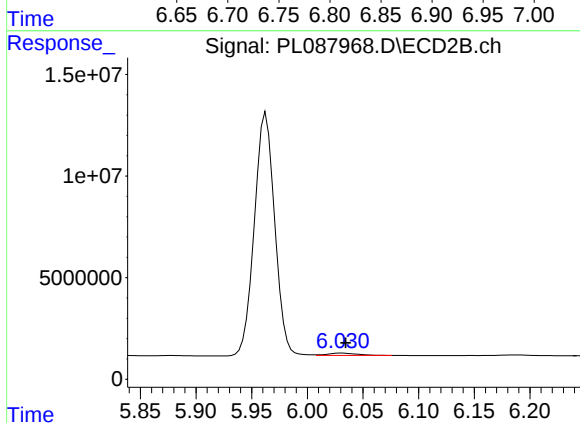
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: 0.000 min
Response: 3221850
Conc: 1.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

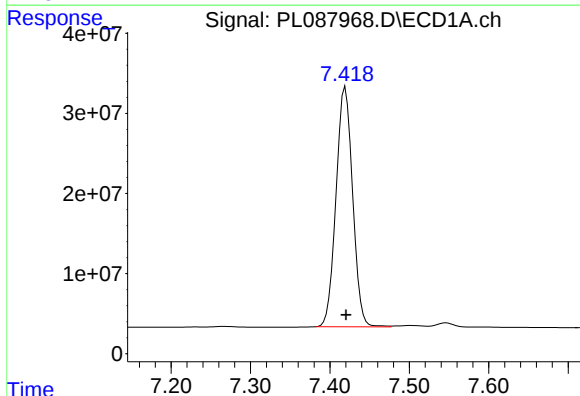
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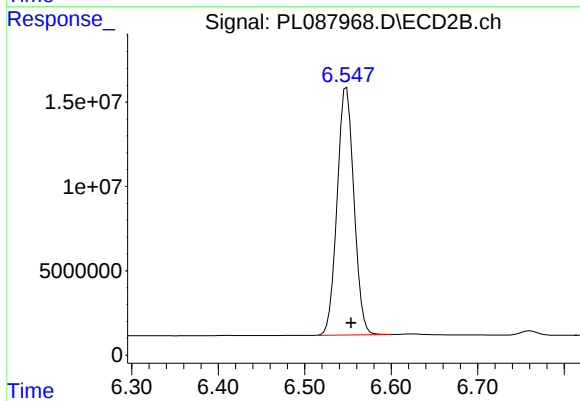
#18 Endrin aldehyde

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 2060323
Conc: 1.77 ng/ml m



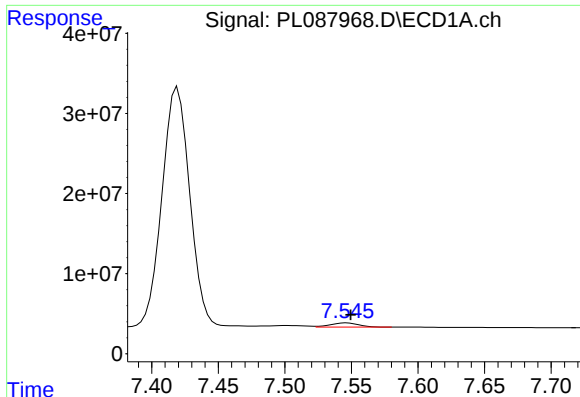
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.001 min
Response: 435570048
Conc: 268.28 ng/ml



#20 Methoxychlor

R.T.: 6.548 min
Delta R.T.: -0.005 min
Response: 196939528
Conc: 267.55 ng/ml



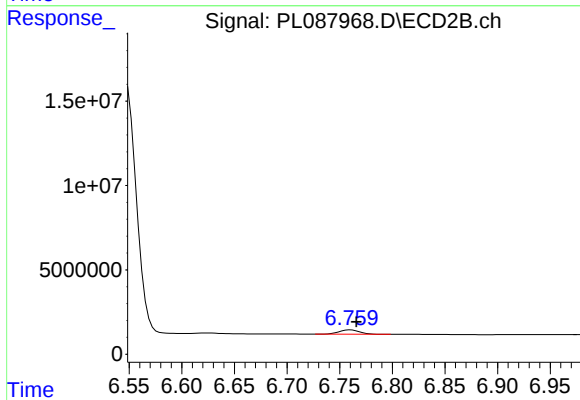
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.003 min
Response: 7718195
Conc: 2.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

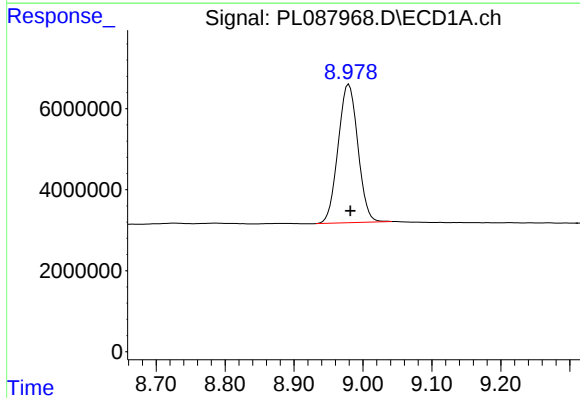
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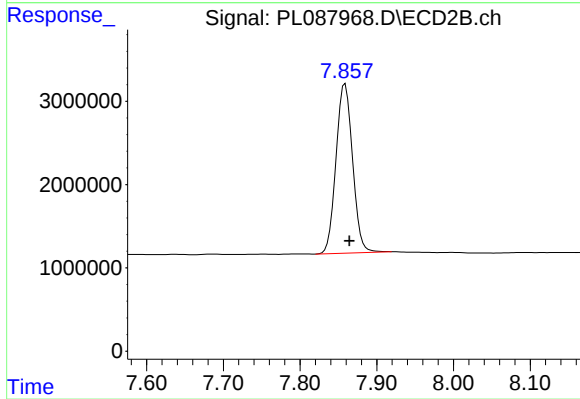
#21 Endrin ketone

R.T.: 6.760 min
Delta R.T.: -0.006 min
Response: 3429659
Conc: 2.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.002 min
Response: 68143941
Conc: 23.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.859 min
Delta R.T.: -0.006 min
Response: 30565280
Conc: 24.13 ng/ml