

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012224\
 Data File : PL087888.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jan 2024 12:46
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/23/2024
 Supervised By :Ankita Jodhani 01/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 21:41:34 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...	3.424	2.674	61910612	26454176	20.680	21.839
28)	SA Decachlor...	8.983	7.860	63923501	29294741	22.445	23.125
Target Compounds							
2)	A alpha-BHC	3.880	3.178	42746584	17330009	9.527	9.403
3)	MA gamma-BHC...	4.214	3.508	41188927	16665243	9.443	9.170
6)	B beta-BHC	4.415	3.810	20001647	8556253	10.751	11.187
12)	B 4,4'-DDE	6.099	5.153	775260	376673	0.242	0.280
14)	MA Endrin	6.474	5.551	136.7E6	66200788	43.521	46.687
16)	A 4,4'-DDD	6.619	5.712	8570881	3391869	3.324	3.008
17)	MA 4,4'-DDT	6.937	5.964	291.8E6	136.3E6	102.041	109.525
18)	B Endrin al...	6.828	6.030	6686203	3345718	2.658	2.879m
20)	A Methoxychlor	7.422	6.550	376.4E6	173.2E6	231.833	235.313
21)	B Endrin ke...	7.549	6.762	14663492	7205834	4.508	4.700

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

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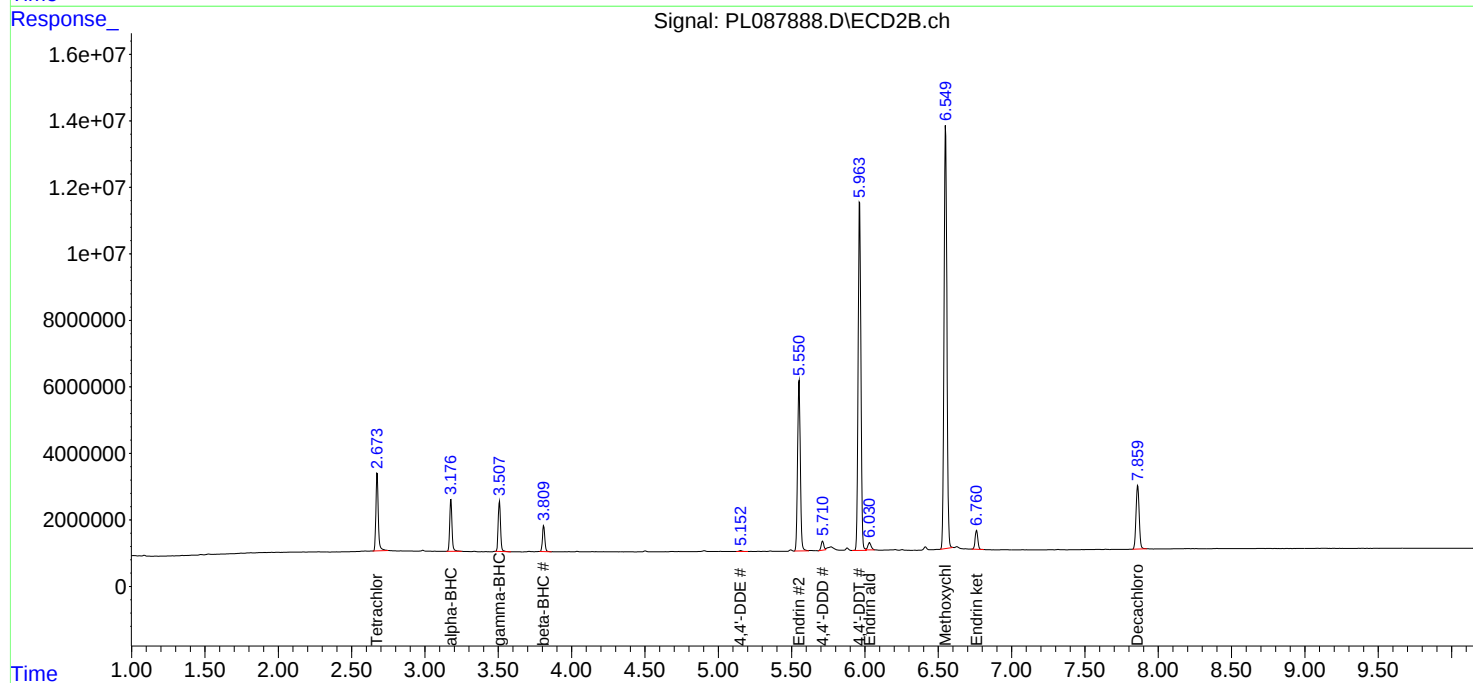
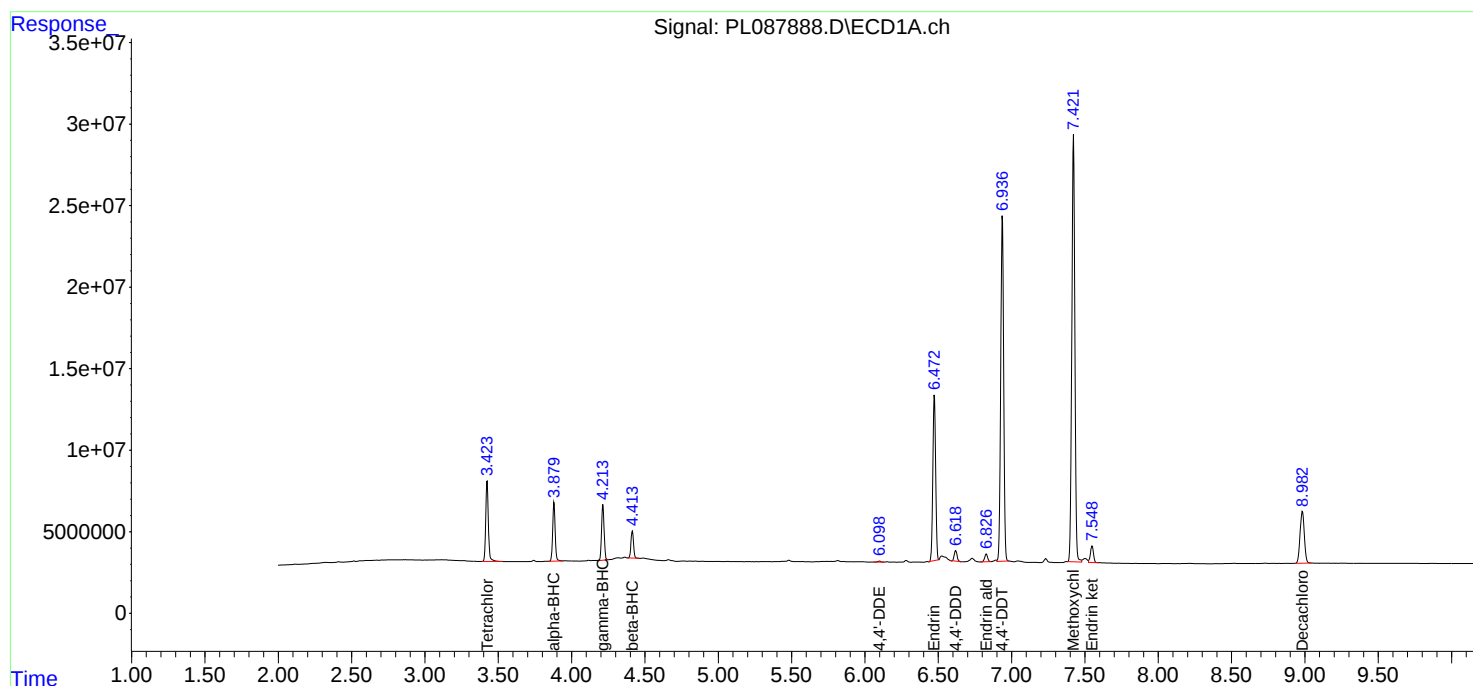
Instrument :
ECD_L
ClientSampleId :
PEM

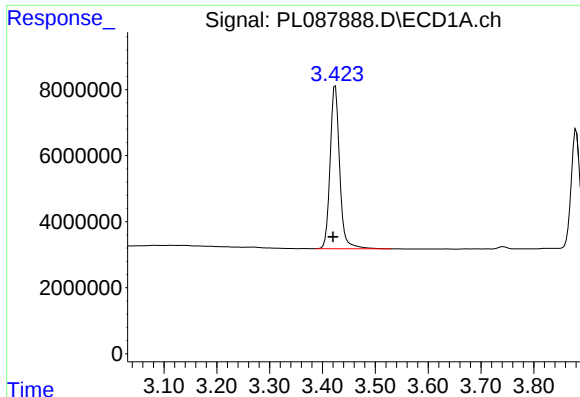
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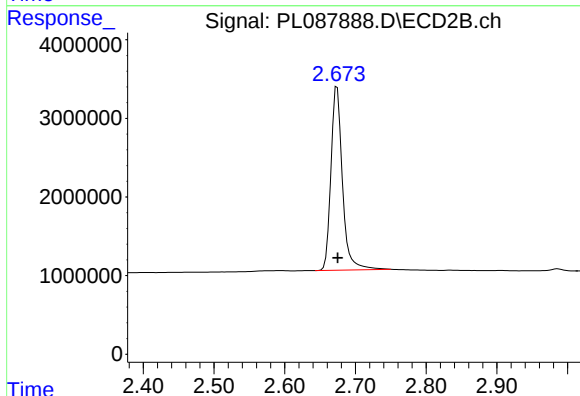
#1 Tetrachloro-m-xylene

R.T.: 3.424 min
Delta R.T.: 0.004 min
Response: 61910612
Conc: 20.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

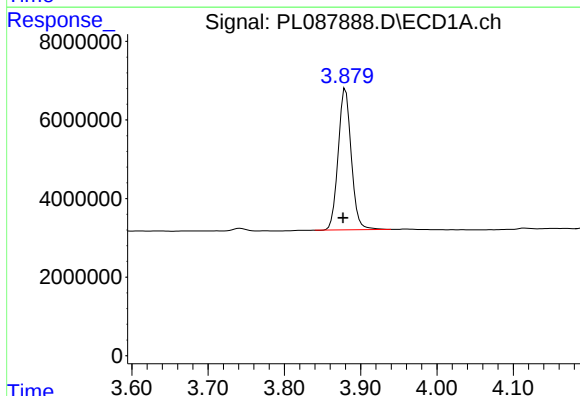
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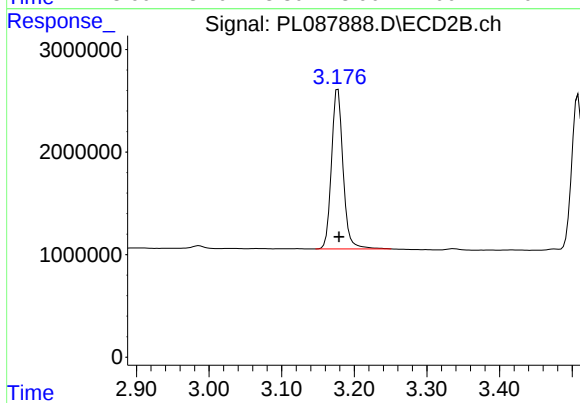
#1 Tetrachloro-m-xylene

R.T.: 2.674 min
Delta R.T.: 0.000 min
Response: 26454176
Conc: 21.84 ng/ml



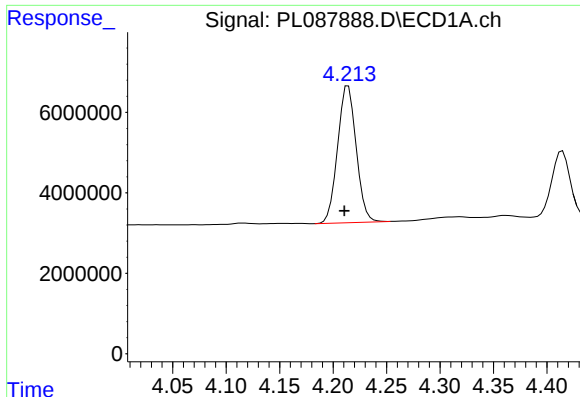
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.003 min
Response: 42746584
Conc: 9.53 ng/ml



#2 alpha-BHC

R.T.: 3.178 min
Delta R.T.: -0.002 min
Response: 17330009
Conc: 9.40 ng/ml



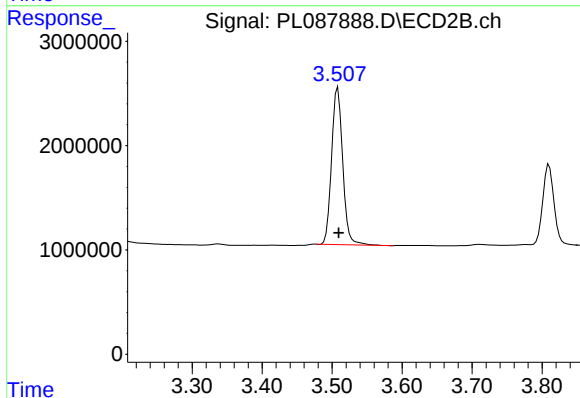
#3 gamma-BHC (Lindane)

R.T.: 4.214 min
Delta R.T.: 0.004 min
Response: 41188927
Conc: 9.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

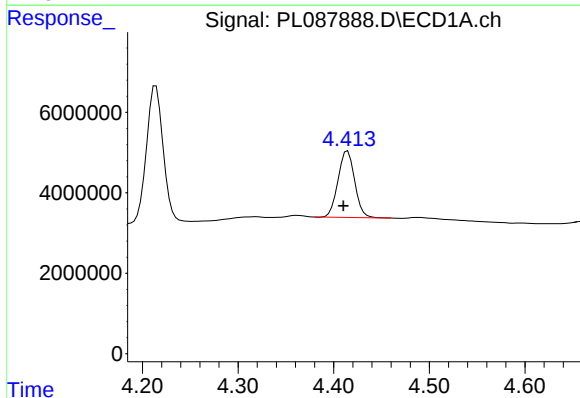
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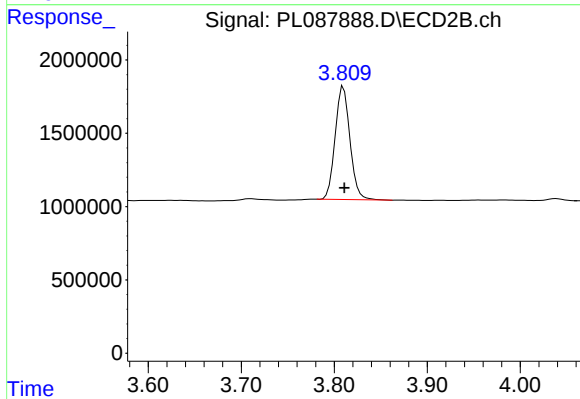
#3 gamma-BHC (Lindane)

R.T.: 3.508 min
Delta R.T.: -0.001 min
Response: 16665243
Conc: 9.17 ng/ml



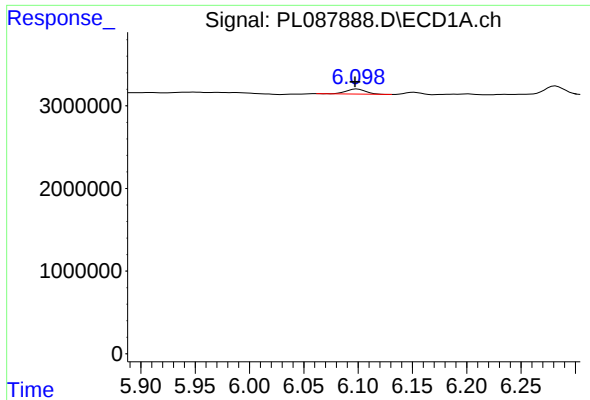
#6 beta-BHC

R.T.: 4.415 min
Delta R.T.: 0.005 min
Response: 20001647
Conc: 10.75 ng/ml



#6 beta-BHC

R.T.: 3.810 min
Delta R.T.: -0.001 min
Response: 8556253
Conc: 11.19 ng/ml



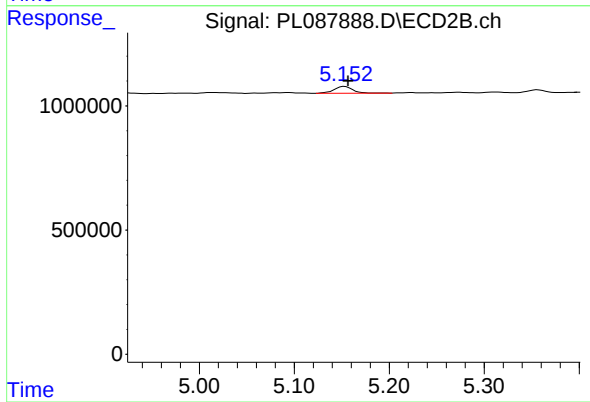
#12 4,4'-DDE

R.T.: 6.099 min
Delta R.T.: 0.002 min
Response: 775260
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

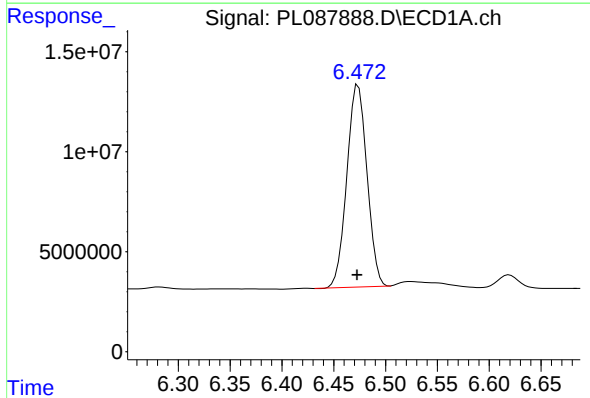
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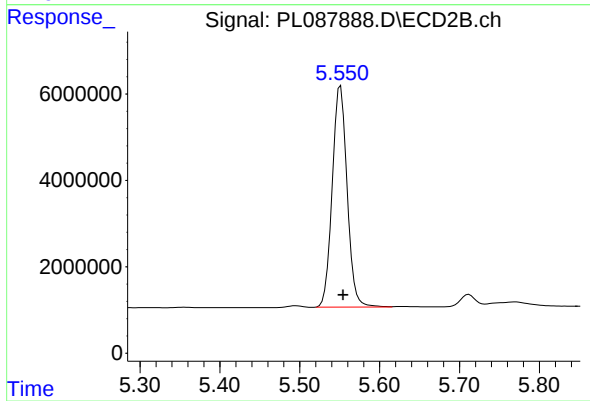
#12 4,4'-DDE

R.T.: 5.153 min
Delta R.T.: -0.003 min
Response: 376673
Conc: 0.28 ng/ml



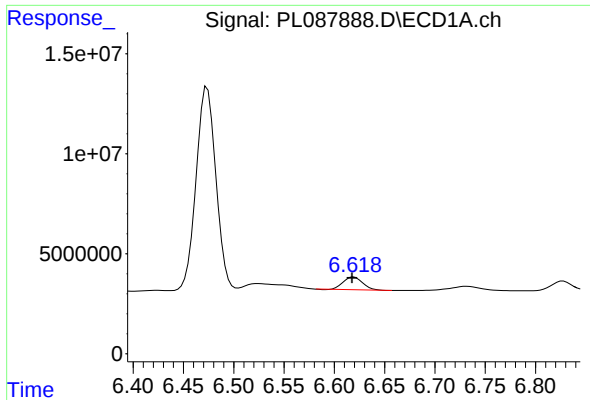
#14 Endrin

R.T.: 6.474 min
Delta R.T.: 0.001 min
Response: 136694088
Conc: 43.52 ng/ml



#14 Endrin

R.T.: 5.551 min
Delta R.T.: -0.003 min
Response: 66200788
Conc: 46.69 ng/ml



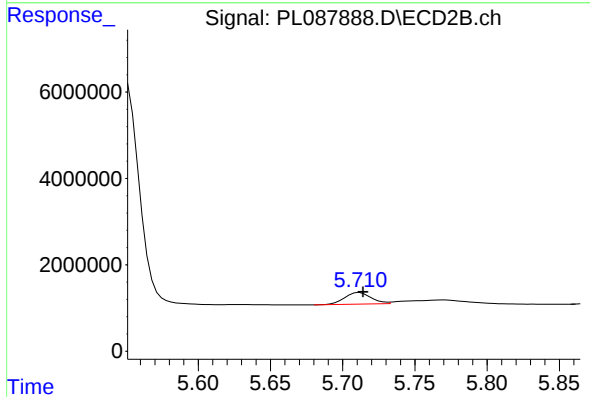
#16 4,4'-DDD

R.T.: 6.619 min
Delta R.T.: 0.002 min
Response: 8570881
Conc: 3.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

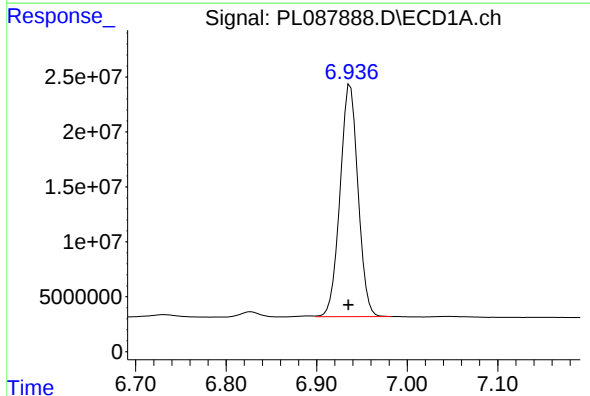
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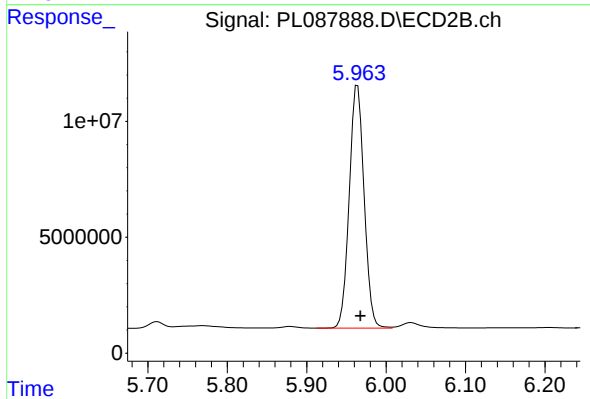
#16 4,4'-DDD

R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 3391869
Conc: 3.01 ng/ml



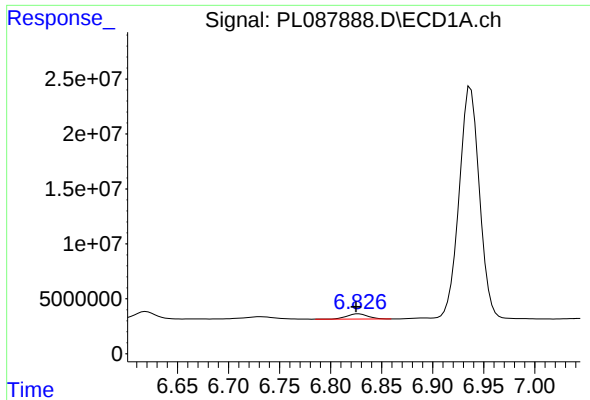
#17 4,4'-DDT

R.T.: 6.937 min
Delta R.T.: 0.002 min
Response: 291790541
Conc: 102.04 ng/ml



#17 4,4'-DDT

R.T.: 5.964 min
Delta R.T.: -0.004 min
Response: 136312519
Conc: 109.52 ng/ml



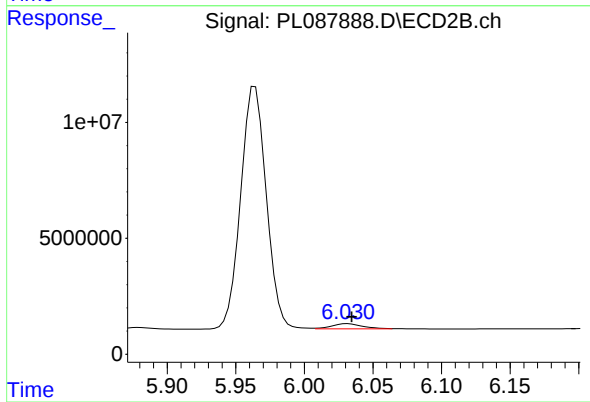
#18 Endrin aldehyde

R.T.: 6.828 min
Delta R.T.: 0.003 min
Response: 6686203
Conc: 2.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

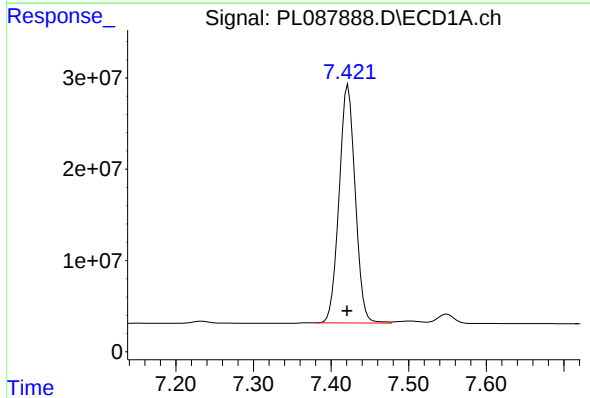
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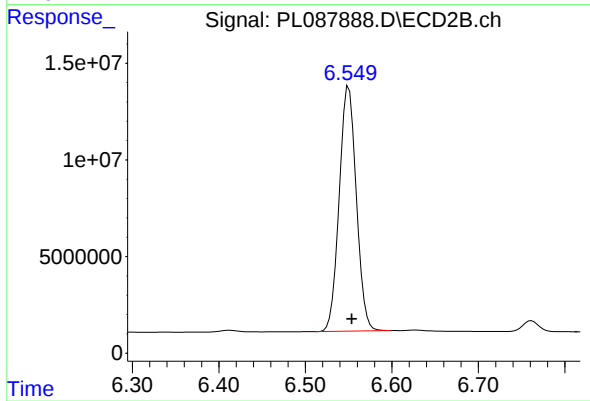
#18 Endrin aldehyde

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 3345718
Conc: 2.88 ng/ml m



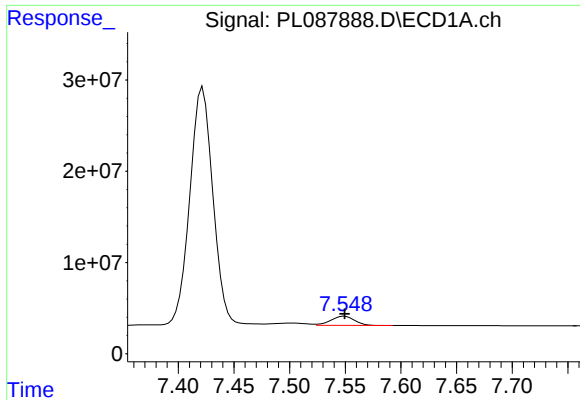
#20 Methoxychlor

R.T.: 7.422 min
Delta R.T.: 0.001 min
Response: 376400103
Conc: 231.83 ng/ml



#20 Methoxychlor

R.T.: 6.550 min
Delta R.T.: -0.003 min
Response: 173209009
Conc: 235.31 ng/ml



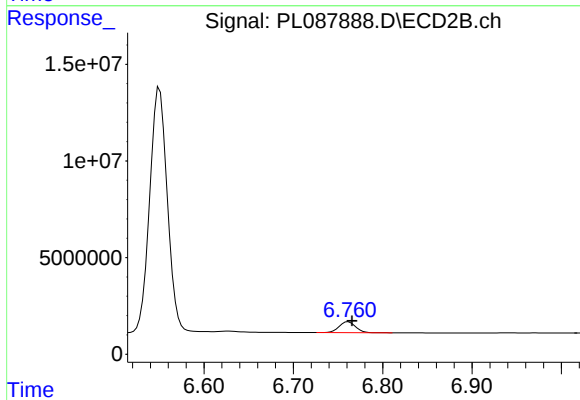
#21 Endrin ketone

R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 14663492
Conc: 4.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

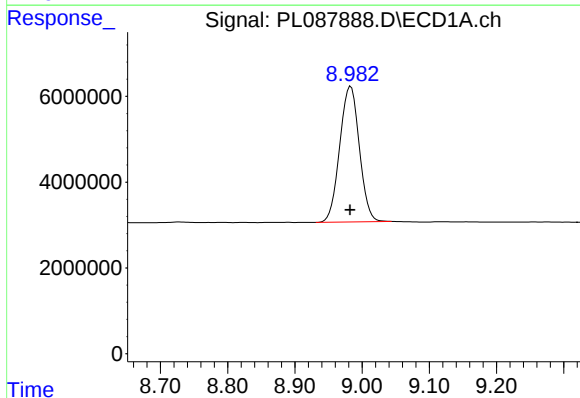
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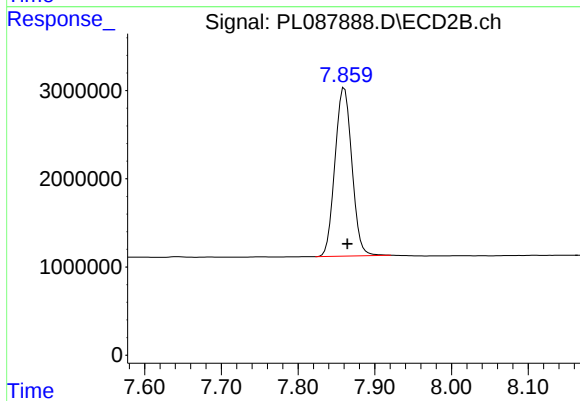
#21 Endrin ketone

R.T.: 6.762 min
Delta R.T.: -0.004 min
Response: 7205834
Conc: 4.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.983 min
Delta R.T.: 0.001 min
Response: 63923501
Conc: 22.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.860 min
Delta R.T.: -0.004 min
Response: 29294741
Conc: 23.12 ng/ml