

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011724\
 Data File : PL087814.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2024 09:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/18/2024
 Supervised By : Ankita Jodhani 01/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 21:28:28 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...	3.420	2.673	69772798	27612236	23.306	22.795
28)	SA Decachlor...	8.984	7.863	70067519	31707641	24.602	25.029
Target Compounds							
2)	A alpha-BHC	3.876	3.177	48473125	19185557	10.803	10.410
3)	MA gamma-BHC...	4.210	3.508	47062717	18184574	10.790	10.007
6)	B beta-BHC	4.410	3.810	22911342	9365272	12.315	12.245
12)	B 4,4'-DDE	6.094	5.156	389460	175277	0.122m	0.130
14)	MA Endrin	6.473	5.551	164.0E6	79486565	52.202	56.056m
16)	A 4,4'-DDD	6.616	5.712	1316793	657910	0.511m	0.583m
17)	MA 4,4'-DDT	6.936	5.965	343.5E6	160.1E6	120.140	128.652
18)	B Endrin al...	6.826	6.032	3926107	2260435	1.561	1.945m
20)	A Methoxychlor	7.422	6.552	448.8E6	204.3E6	276.448	277.496
21)	B Endrin ke...	7.549	6.761	9138851	4525361	2.810	2.952m

(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

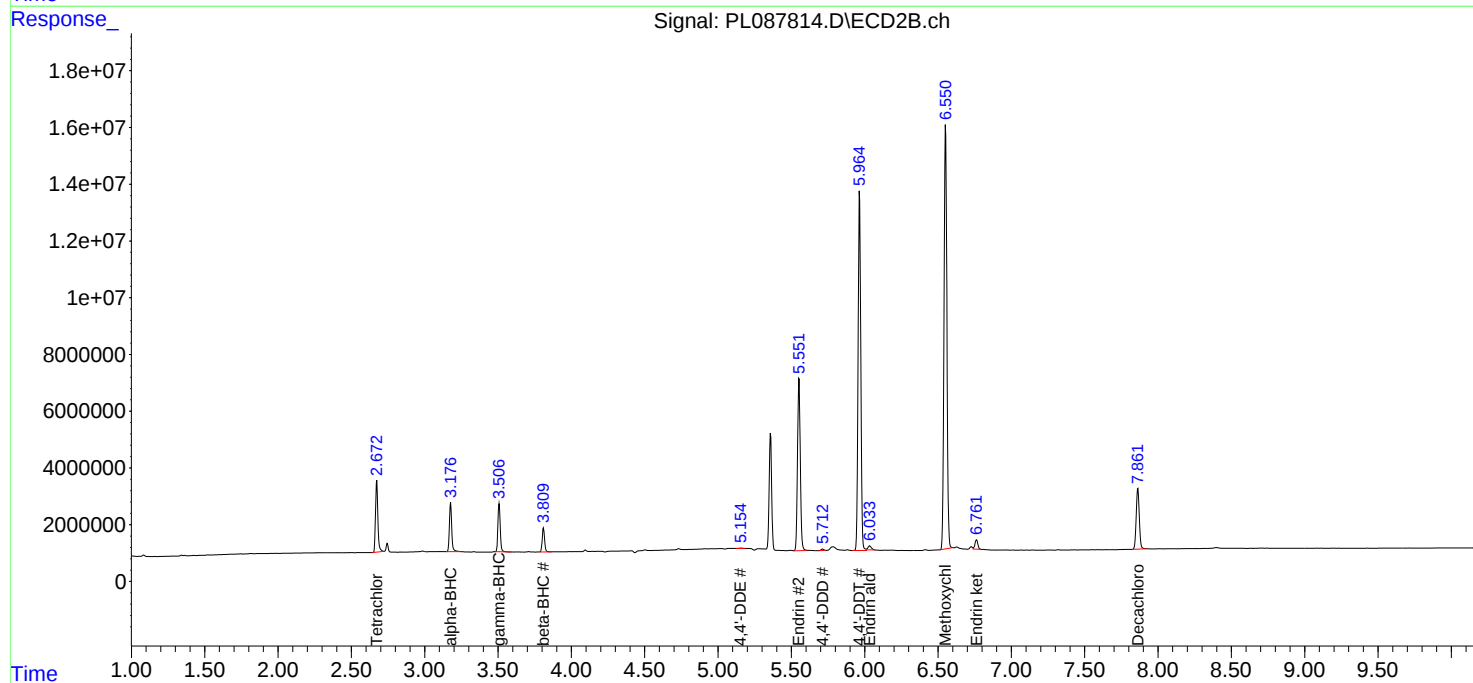
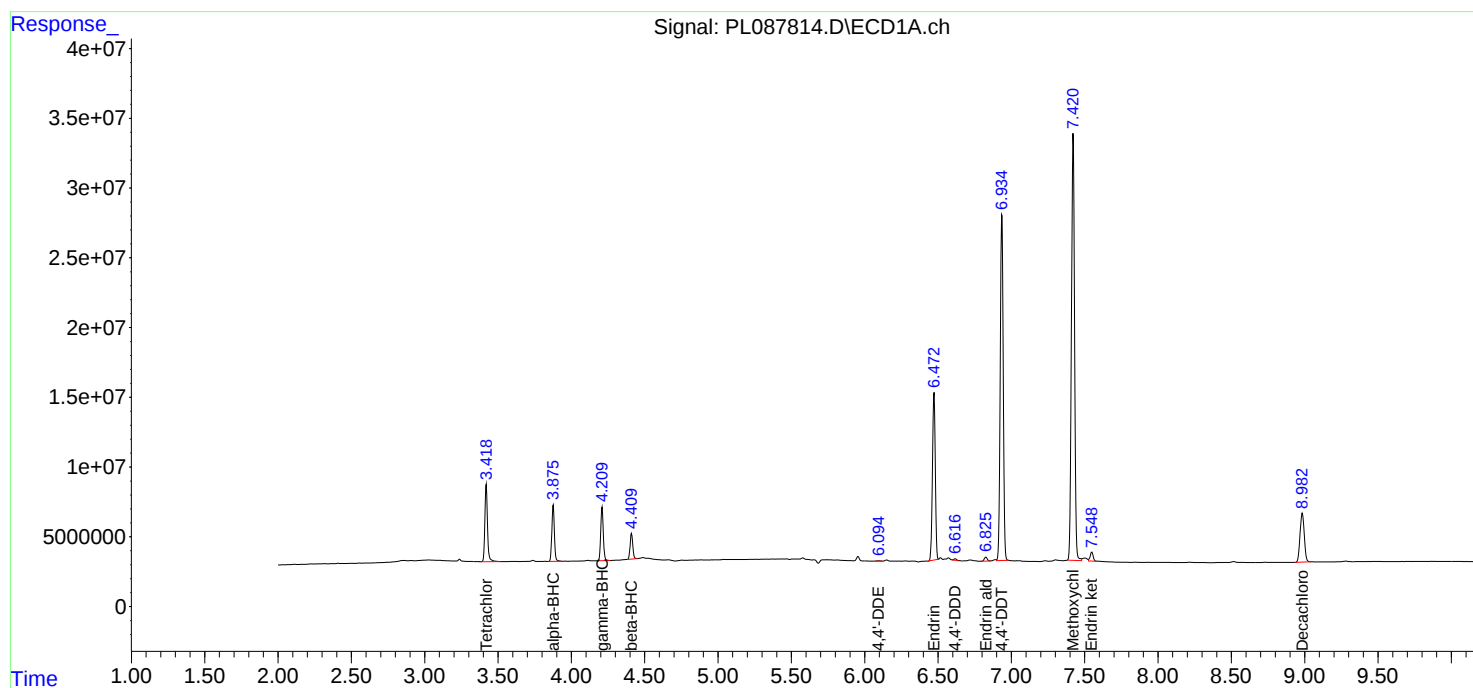
Instrument :
ECD_L
ClientSampleId :
PEM

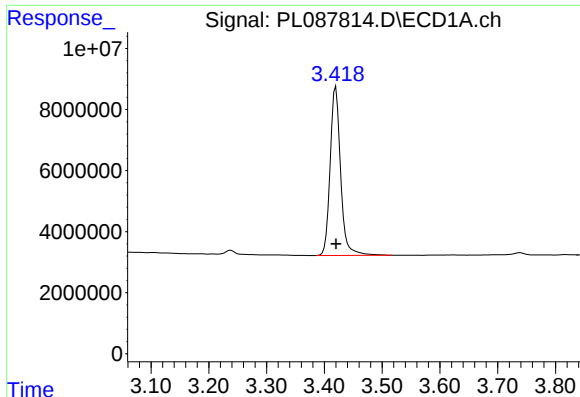
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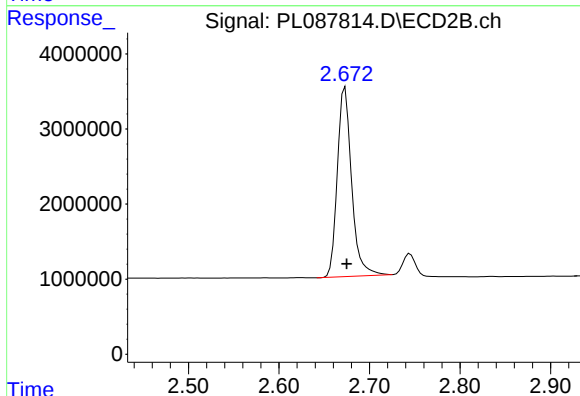
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.000 min
Response: 69772798
Conc: 23.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

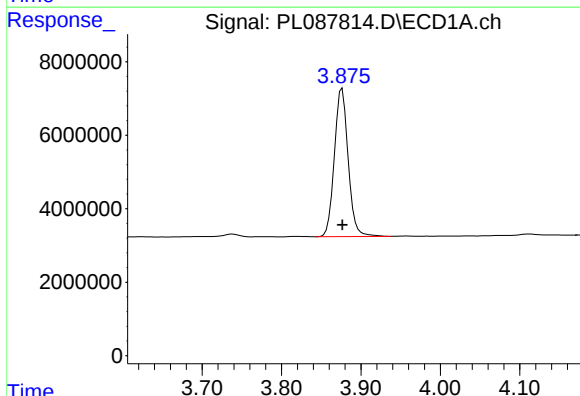
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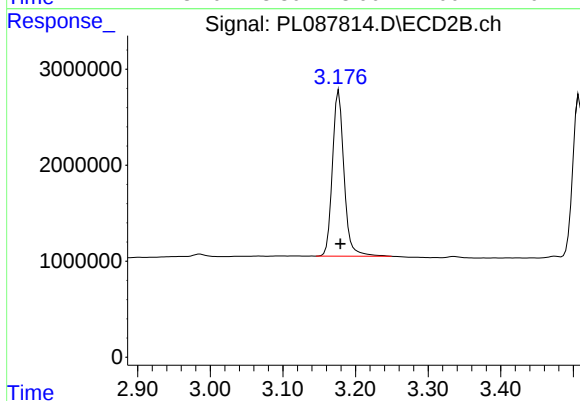
#1 Tetrachloro-m-xylene

R.T.: 2.673 min
Delta R.T.: -0.002 min
Response: 27612236
Conc: 22.79 ng/ml



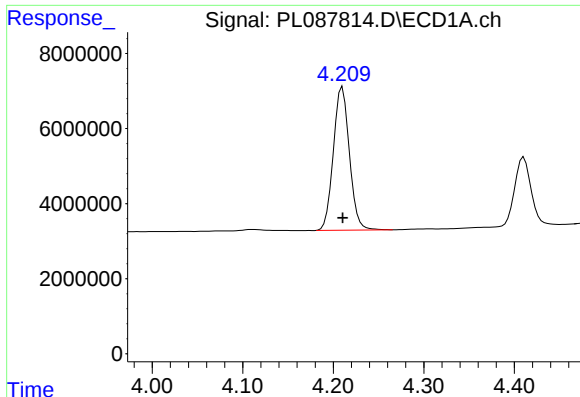
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 48473125
Conc: 10.80 ng/ml



#2 alpha-BHC

R.T.: 3.177 min
Delta R.T.: -0.002 min
Response: 19185557
Conc: 10.41 ng/ml



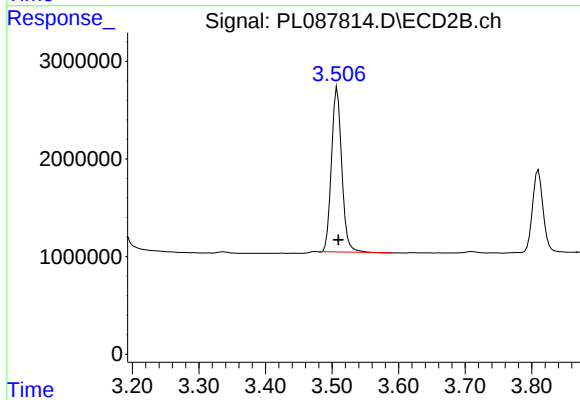
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 47062717
Conc: 10.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

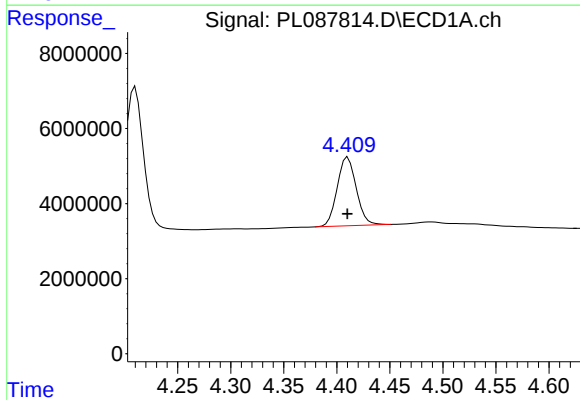
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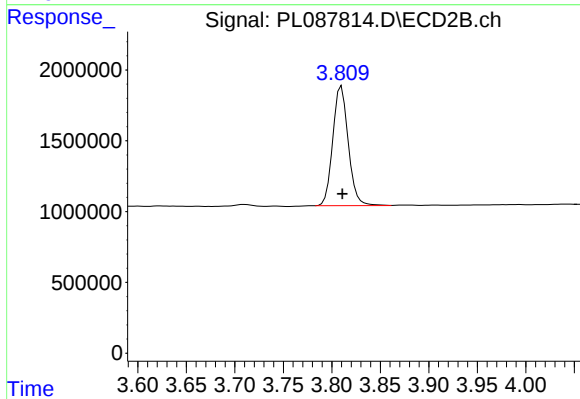
#3 gamma-BHC (Lindane)

R.T.: 3.508 min
Delta R.T.: -0.002 min
Response: 18184574
Conc: 10.01 ng/ml



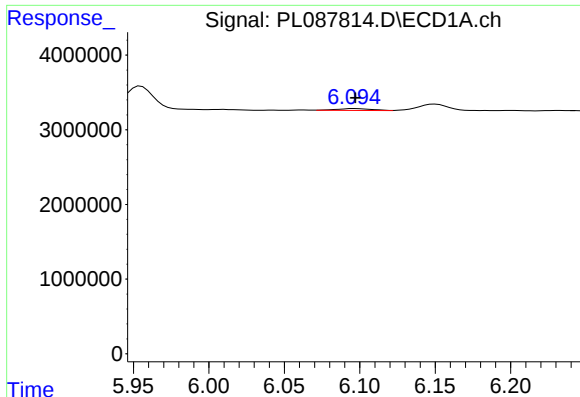
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 22911342
Conc: 12.31 ng/ml



#6 beta-BHC

R.T.: 3.810 min
Delta R.T.: -0.001 min
Response: 9365272
Conc: 12.24 ng/ml



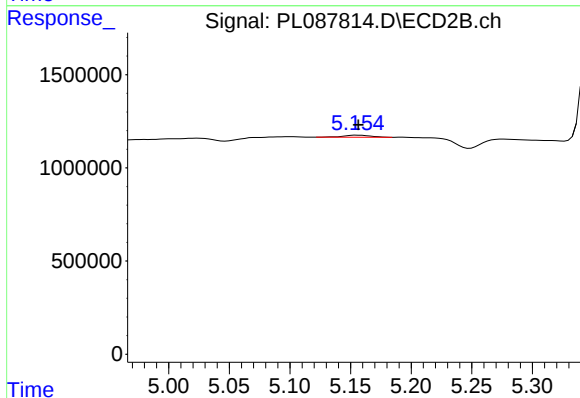
#12 4,4'-DDE

R.T.: 6.094 min
Delta R.T.: -0.003 min
Response: 389460
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

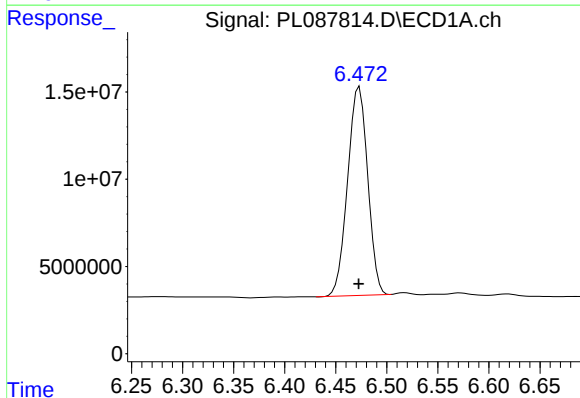
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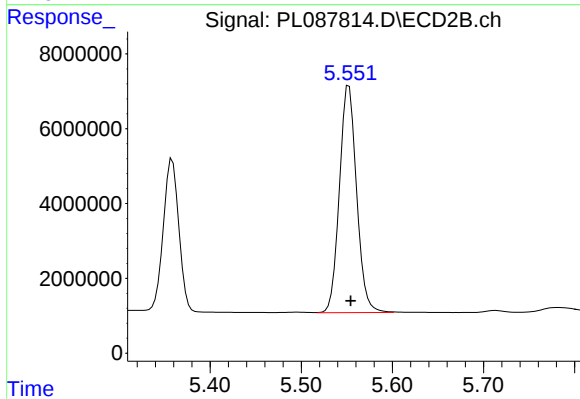
#12 4,4'-DDE

R.T.: 5.156 min
Delta R.T.: 0.000 min
Response: 175277
Conc: 0.13 ng/ml



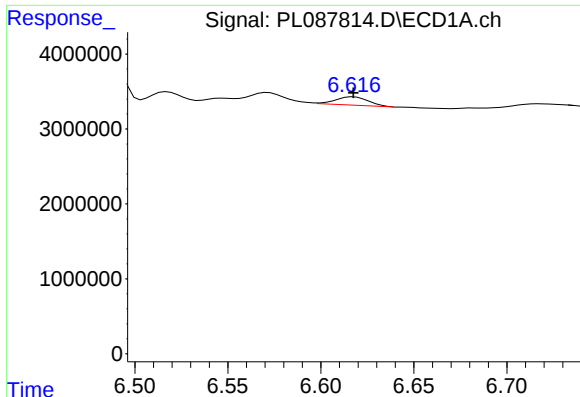
#14 Endrin

R.T.: 6.473 min
Delta R.T.: 0.000 min
Response: 163961663
Conc: 52.20 ng/ml



#14 Endrin

R.T.: 5.551 min
Delta R.T.: -0.003 min
Response: 79486565
Conc: 56.06 ng/ml m



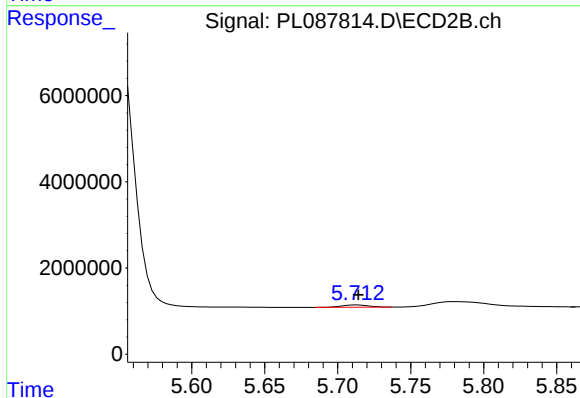
#16 4,4'-DDD

R.T.: 6.616 min
Delta R.T.: -0.001 min
Response: 1316793
Conc: 0.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

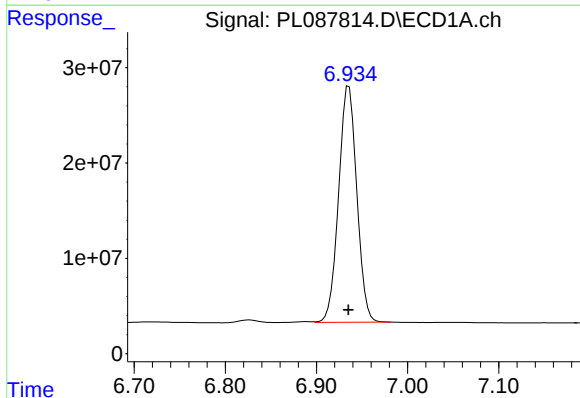
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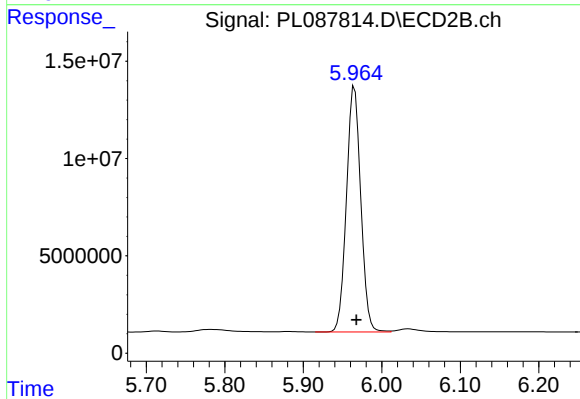
#16 4,4'-DDD

R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 657910
Conc: 0.58 ng/ml m



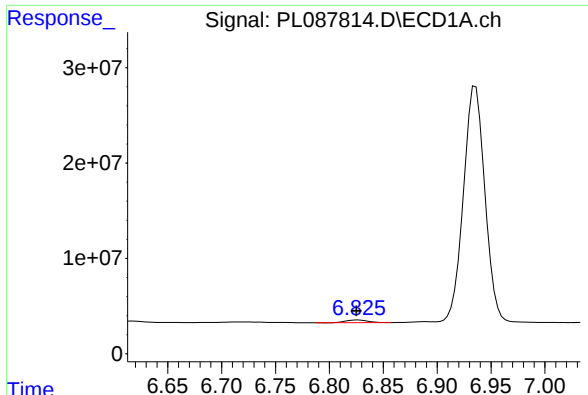
#17 4,4'-DDT

R.T.: 6.936 min
Delta R.T.: 0.000 min
Response: 343547964
Conc: 120.14 ng/ml



#17 4,4'-DDT

R.T.: 5.965 min
Delta R.T.: -0.002 min
Response: 160117250
Conc: 128.65 ng/ml



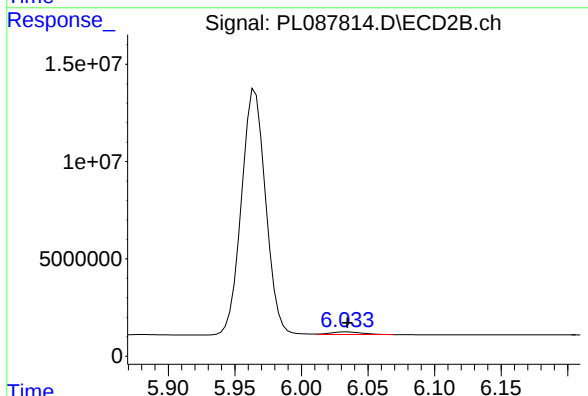
#18 Endrin aldehyde

R.T.: 6.826 min
Delta R.T.: 0.001 min
Response: 3926107
Conc: 1.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

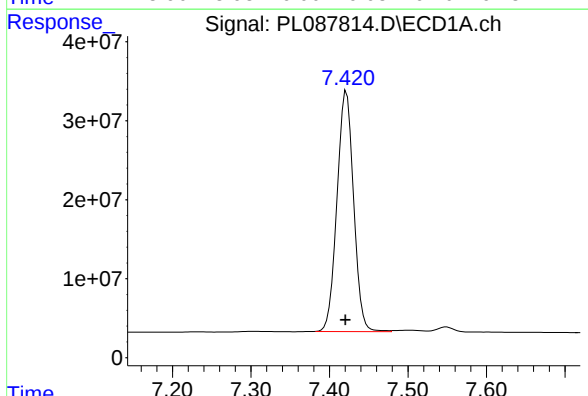
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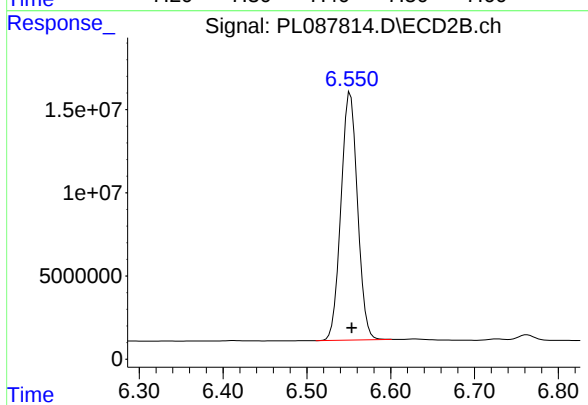
#18 Endrin aldehyde

R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 2260435
Conc: 1.94 ng/ml m



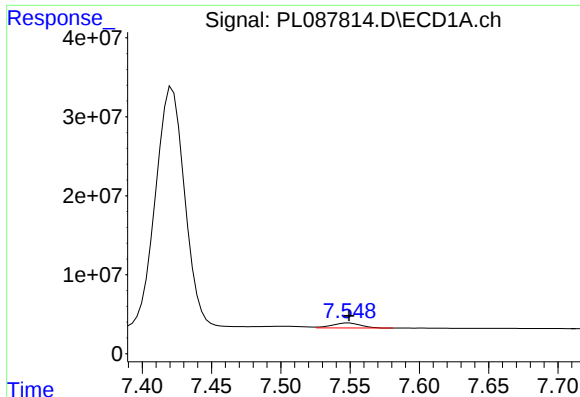
#20 Methoxychlor

R.T.: 7.422 min
Delta R.T.: 0.001 min
Response: 448836295
Conc: 276.45 ng/ml



#20 Methoxychlor

R.T.: 6.552 min
Delta R.T.: -0.002 min
Response: 204259444
Conc: 277.50 ng/ml



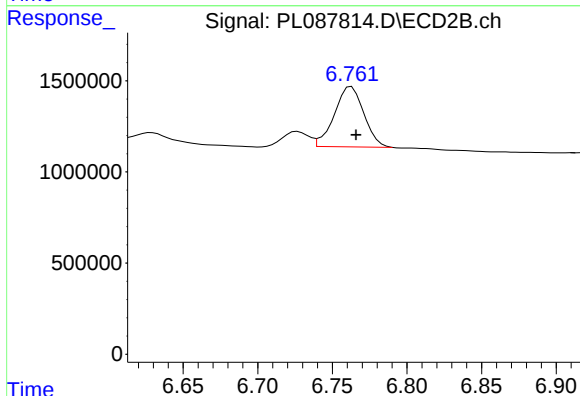
#21 Endrin ketone

R.T.: 7.549 min
Delta R.T.: 0.000 min
Response: 9138851
Conc: 2.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

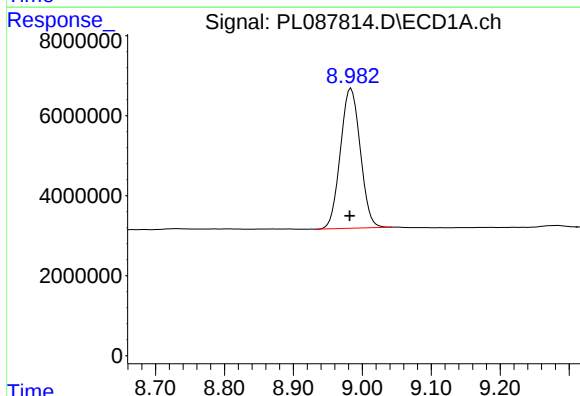
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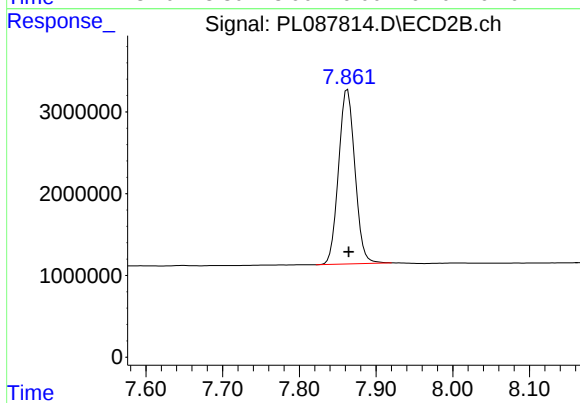
#21 Endrin ketone

R.T.: 6.761 min
Delta R.T.: -0.004 min
Response: 4525361
Conc: 2.95 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.984 min
Delta R.T.: 0.002 min
Response: 70067519
Conc: 24.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.863 min
Delta R.T.: -0.002 min
Response: 31707641
Conc: 25.03 ng/ml