

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072523\
 Data File : PL084192.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2023 18:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/26/2023
 Supervised By : Ankita Jodhani 07/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 21:33:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 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...	3.476	2.688	42948851	20862973	21.476	18.786
28)	SA Decachlor...	9.025	7.870	30498629	24199964	23.431	21.780
Target Compounds							
2)	A alpha-BHC	3.934	3.192	29412894	13983376	10.039	8.697
3)	MA gamma-BHC...	4.268	3.523	28096083	13146473	9.944	8.645
6)	B beta-BHC	4.467	3.825	14361421	6848804	11.969	10.376
12)	B 4,4'-DDE	6.148	5.167	720123	351637	0.358	0.286
14)	MA Endrin	6.524	5.564	85760332	52747690	45.032	47.986
16)	A 4,4'-DDD	6.667	5.724	6178159	3635309	4.207	3.789
17)	MA 4,4'-DDT	6.982	5.977	152.3E6	106.0E6	95.501	116.402
18)	B Endrin al...	6.876	6.043	2867053	2110548	1.957	2.348
20)	A Methoxychlor	7.462	6.561	183.0E6	132.7E6	233.938m	276.834
21)	B Endrin ke...	7.594	6.772	5425330	4446984	3.096m	3.442

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

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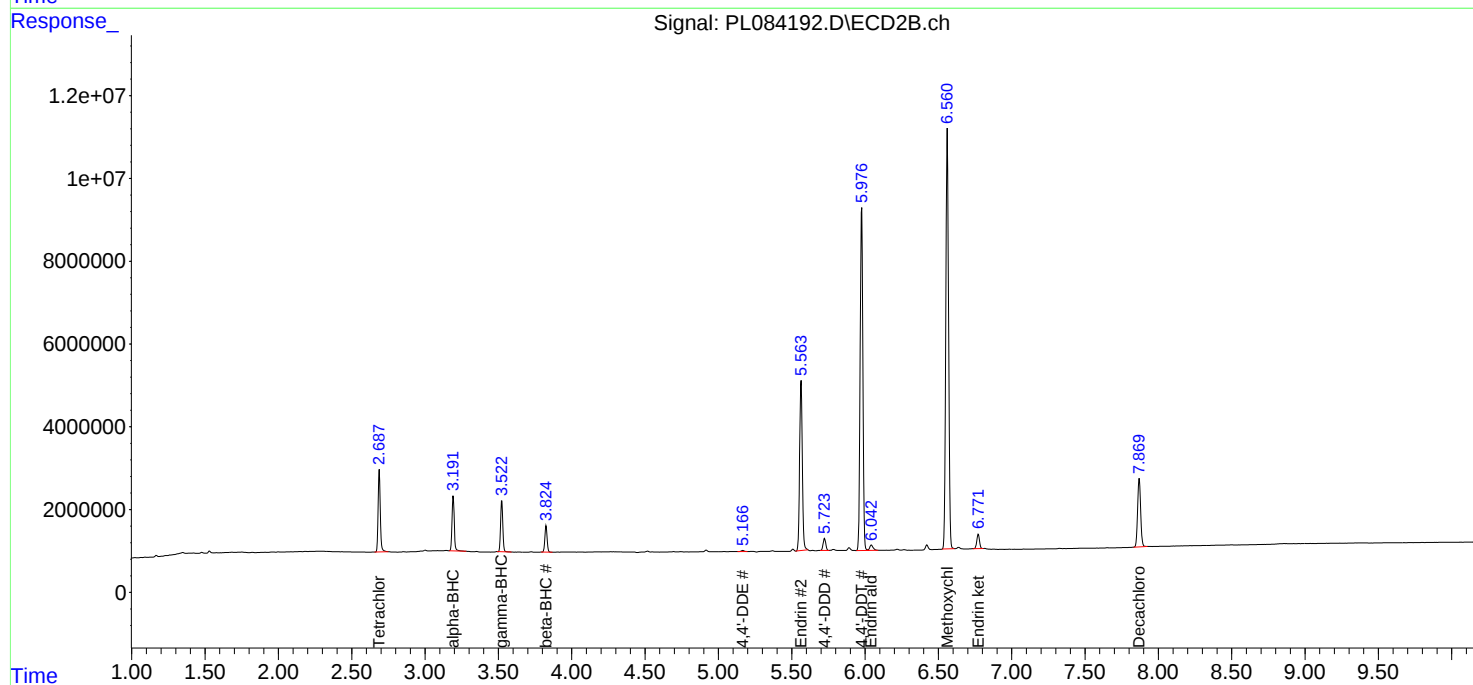
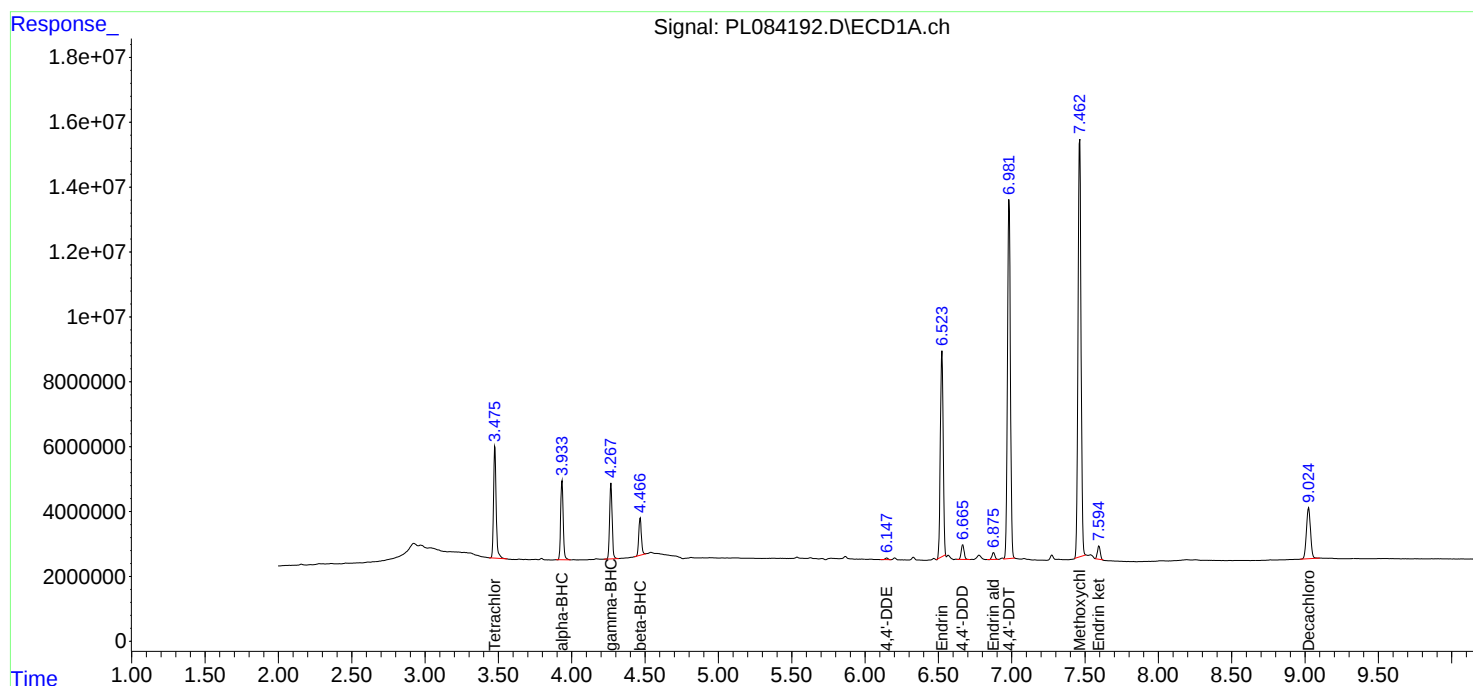
Instrument :
ECD_L
ClientSampleId :
PEM

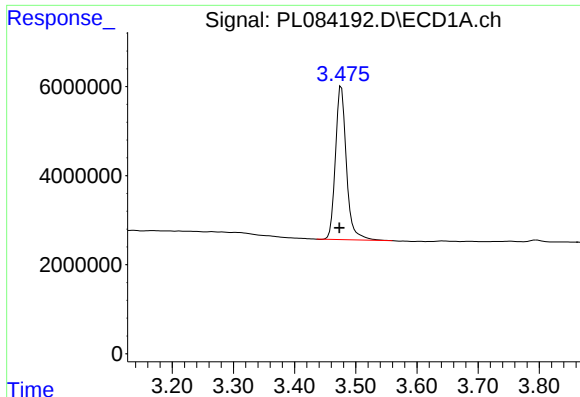
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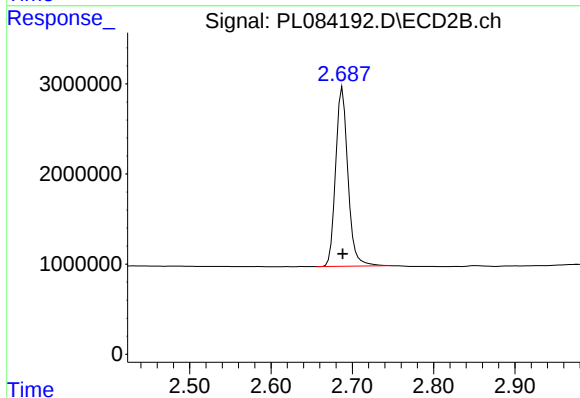
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 42948851
Conc: 21.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

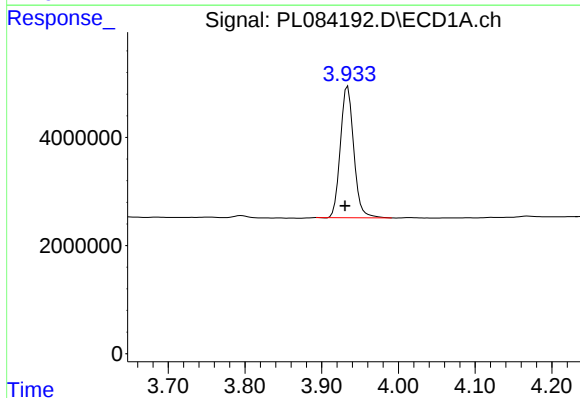
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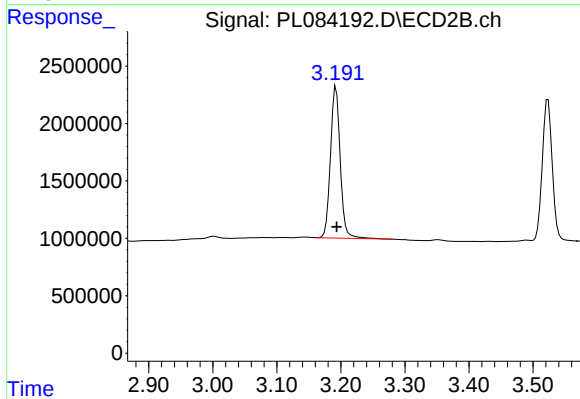
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 20862973
Conc: 18.79 ng/ml



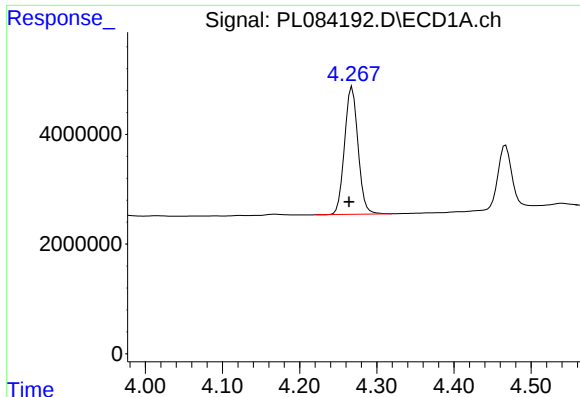
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.003 min
Response: 29412894
Conc: 10.04 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 13983376
Conc: 8.70 ng/ml



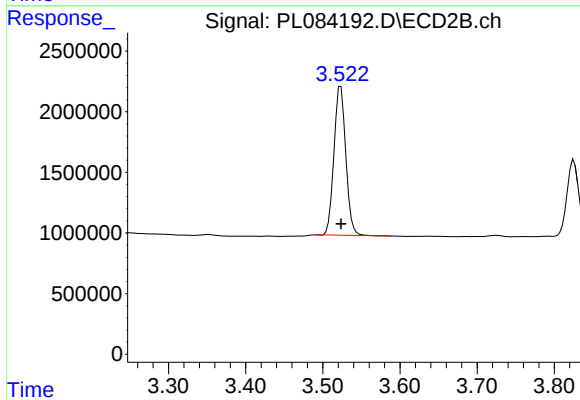
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.004 min
Response: 28096083
Conc: 9.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

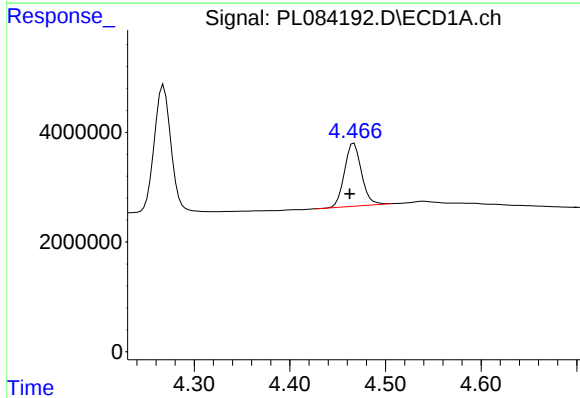
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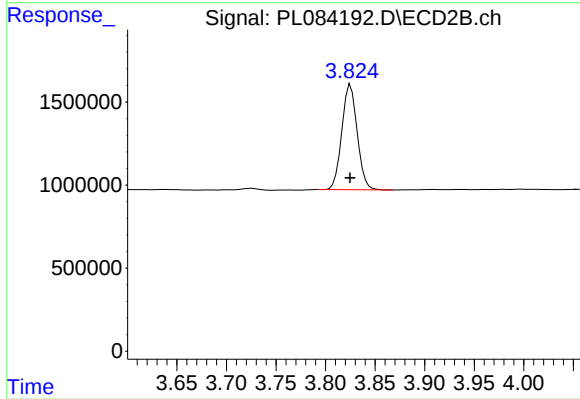
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 13146473
Conc: 8.65 ng/ml



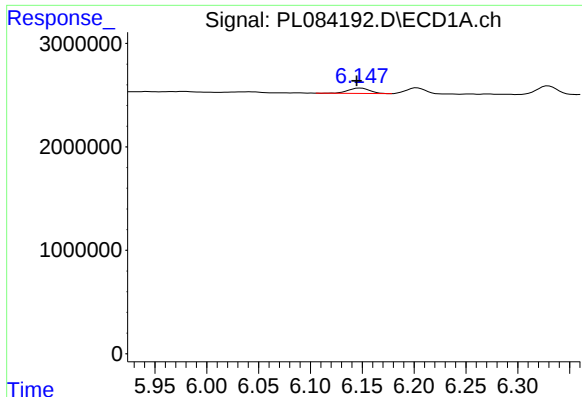
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.004 min
Response: 14361421
Conc: 11.97 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 6848804
Conc: 10.38 ng/ml



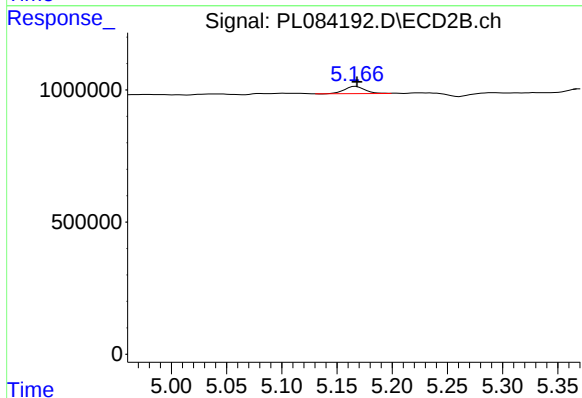
#12 4,4'-DDE

R.T.: 6.148 min
Delta R.T.: 0.004 min
Response: 720123
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

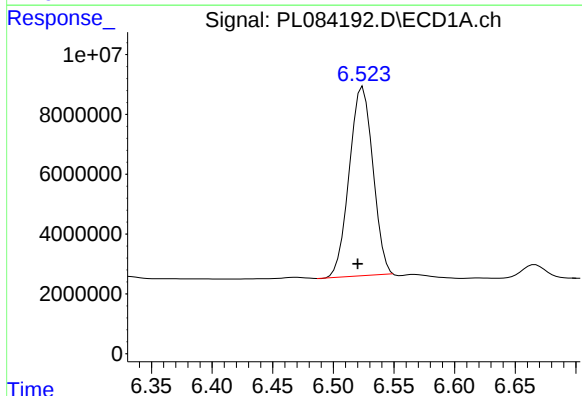
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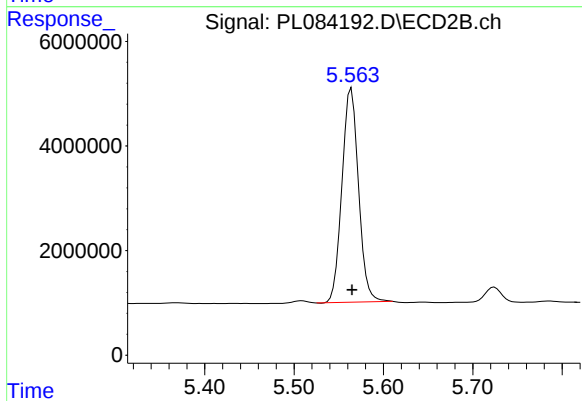
#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: -0.001 min
Response: 351637
Conc: 0.29 ng/ml



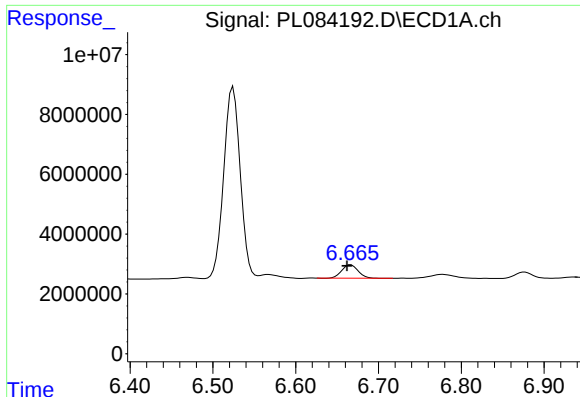
#14 Endrin

R.T.: 6.524 min
Delta R.T.: 0.004 min
Response: 85760332
Conc: 45.03 ng/ml



#14 Endrin

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 52747690
Conc: 47.99 ng/ml



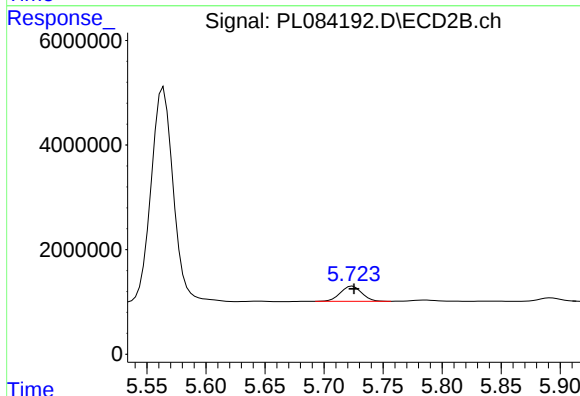
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.004 min
Response: 6178159
Conc: 4.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

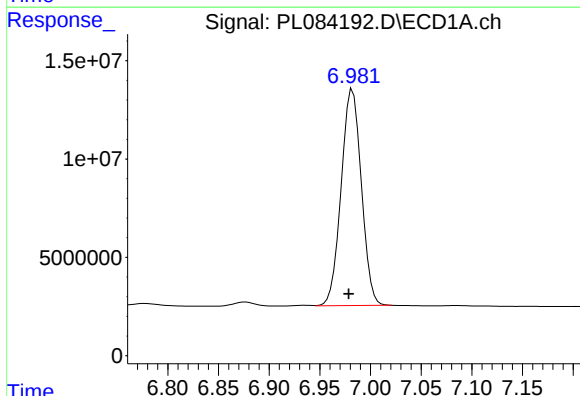
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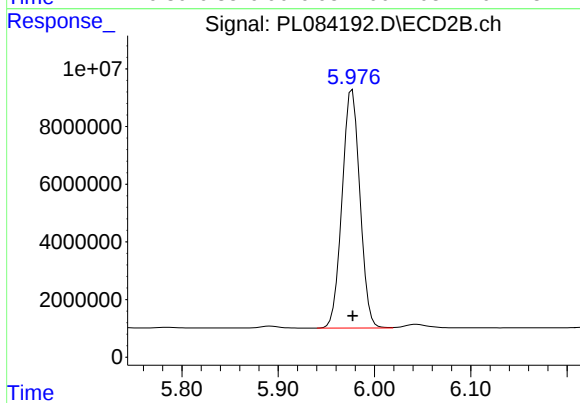
#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: -0.001 min
Response: 3635309
Conc: 3.79 ng/ml



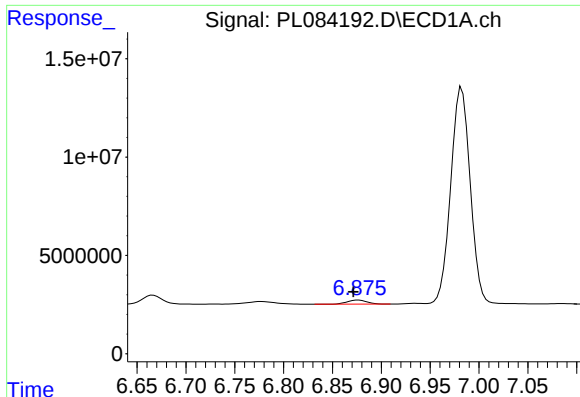
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: 0.004 min
Response: 152305291
Conc: 95.50 ng/ml



#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 106017917
Conc: 116.40 ng/ml



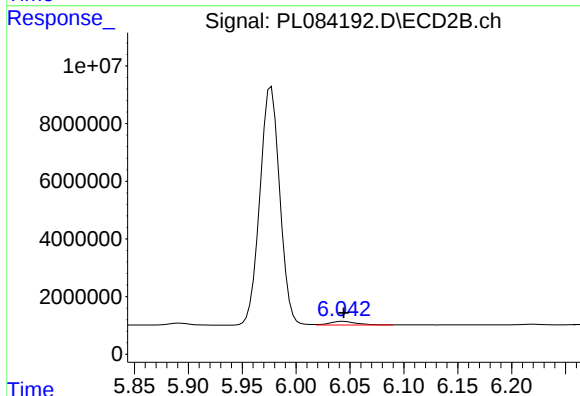
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.005 min
Response: 2867053
Conc: 1.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

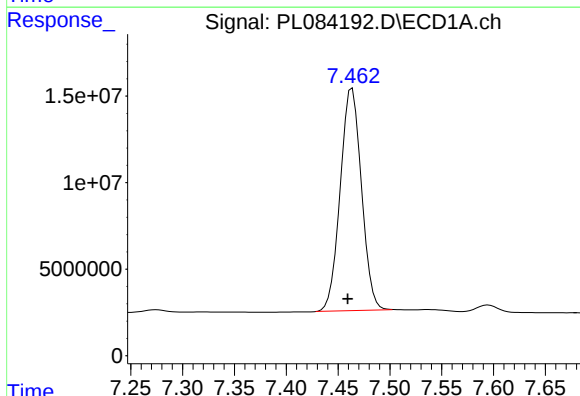
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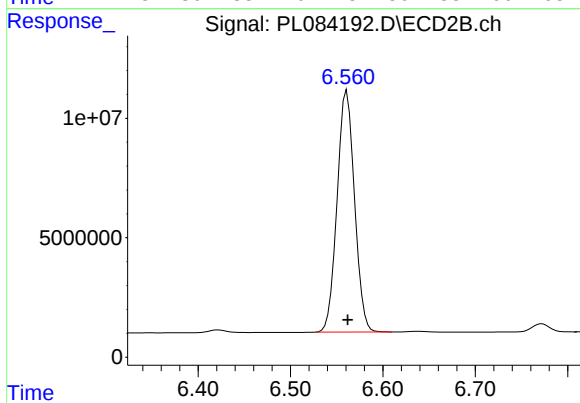
#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 2110548
Conc: 2.35 ng/ml



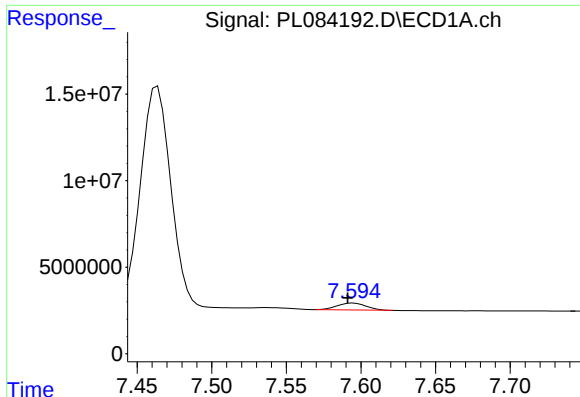
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 182991309
Conc: 233.94 ng/ml m



#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: -0.001 min
Response: 132670052
Conc: 276.83 ng/ml



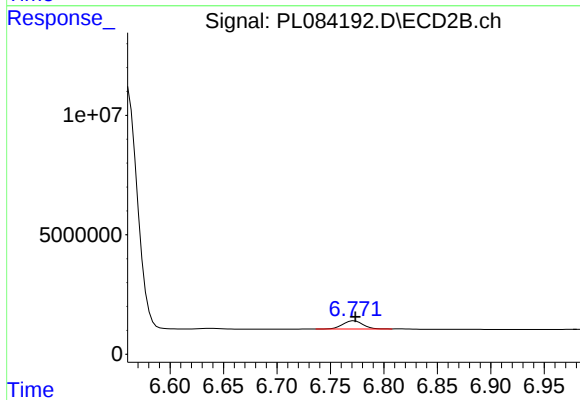
#21 Endrin ketone

R.T.: 7.594 min
Delta R.T.: 0.003 min
Response: 5425330
Conc: 3.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

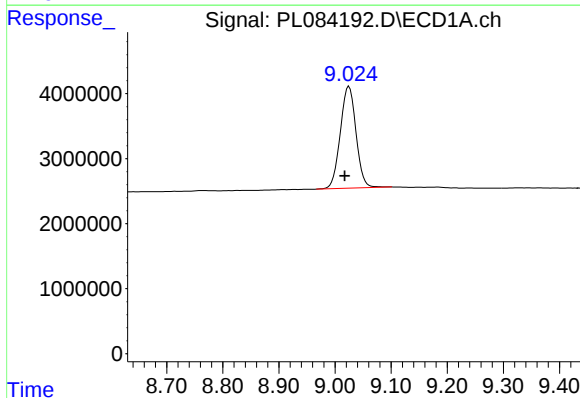
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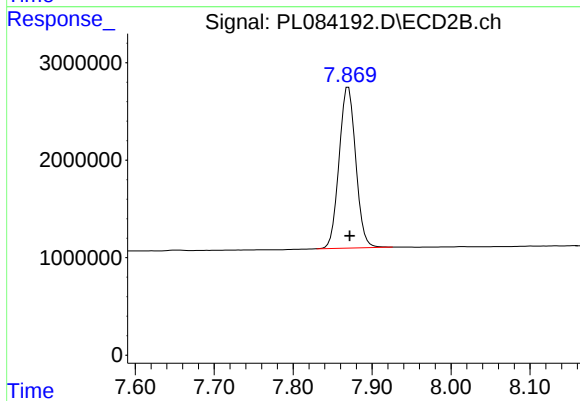
#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: -0.001 min
Response: 4446984
Conc: 3.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.007 min
Response: 30498629
Conc: 23.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.870 min
Delta R.T.: -0.002 min
Response: 24199964
Conc: 21.78 ng/ml