

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122523\
 Data File : PL087445.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Dec 2023 20:13
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/26/2023
 Supervised By : Ankita Jodhani 12/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 23:33:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.421	2.677	56395866	23748647	14.985	14.108
28)	SA Decachlor...	8.977	7.862	57017443	26118705	16.721	15.464m
Target Compounds							
2)	A alpha-BHC	3.877	3.179	38445465	15550174	7.101	6.327m
3)	MA gamma-BHC...	4.211	3.511	37726043	15219517	7.178	6.283
6)	B beta-BHC	4.410	3.812	18924125	7769274	8.239	7.463
14)	MA Endrin	6.470	5.555	132.6E6	65457362	34.472	32.800
16)	A 4,4'-DDD	6.613	5.715	1635881	599435	0.495m	0.362 #
17)	MA 4,4'-DDT	6.933	5.967	283.8E6	135.2E6	75.472	73.292
18)	B Endrin al...	6.822	6.033	3037370	2454042	1.048m	1.672m#
20)	A Methoxychlor	7.418	6.552	373.4E6	177.3E6	191.470	173.600m
21)	B Endrin ke...	7.544	6.764	5622705	3201879	1.382m	1.504

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

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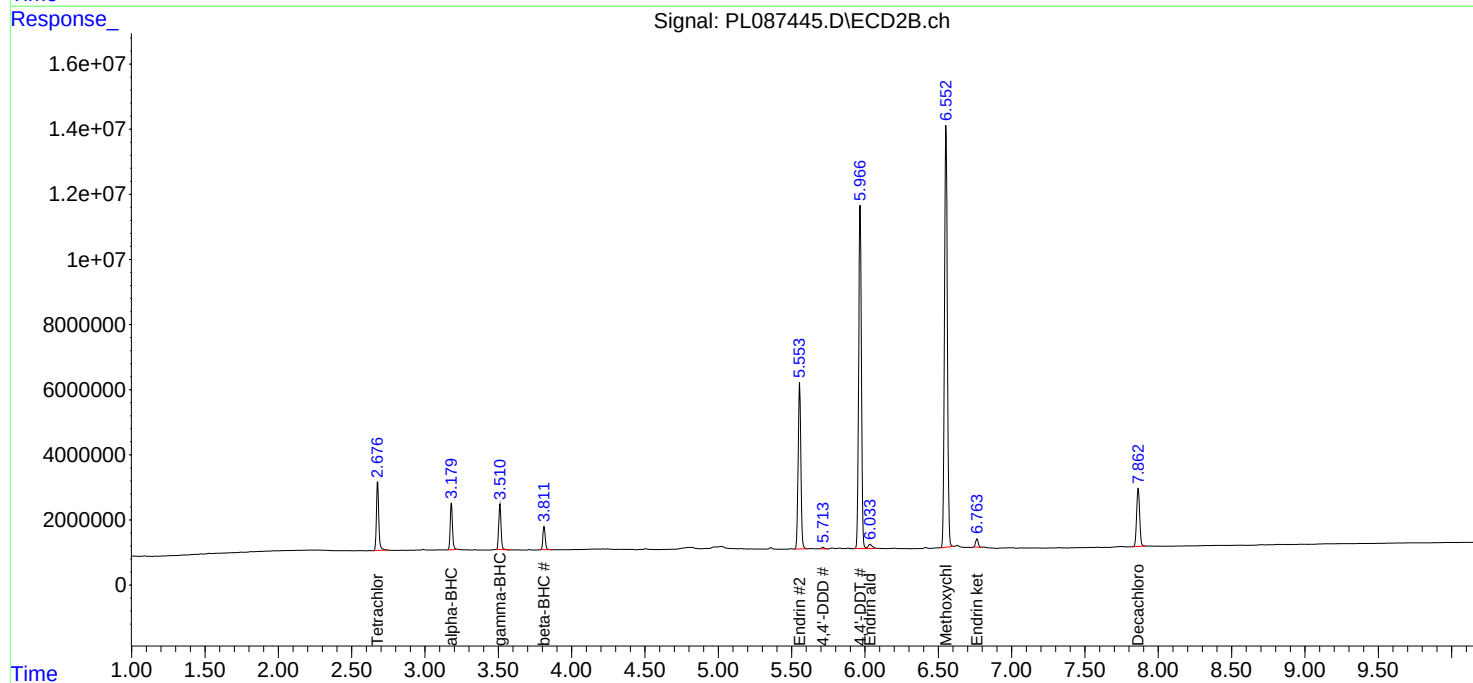
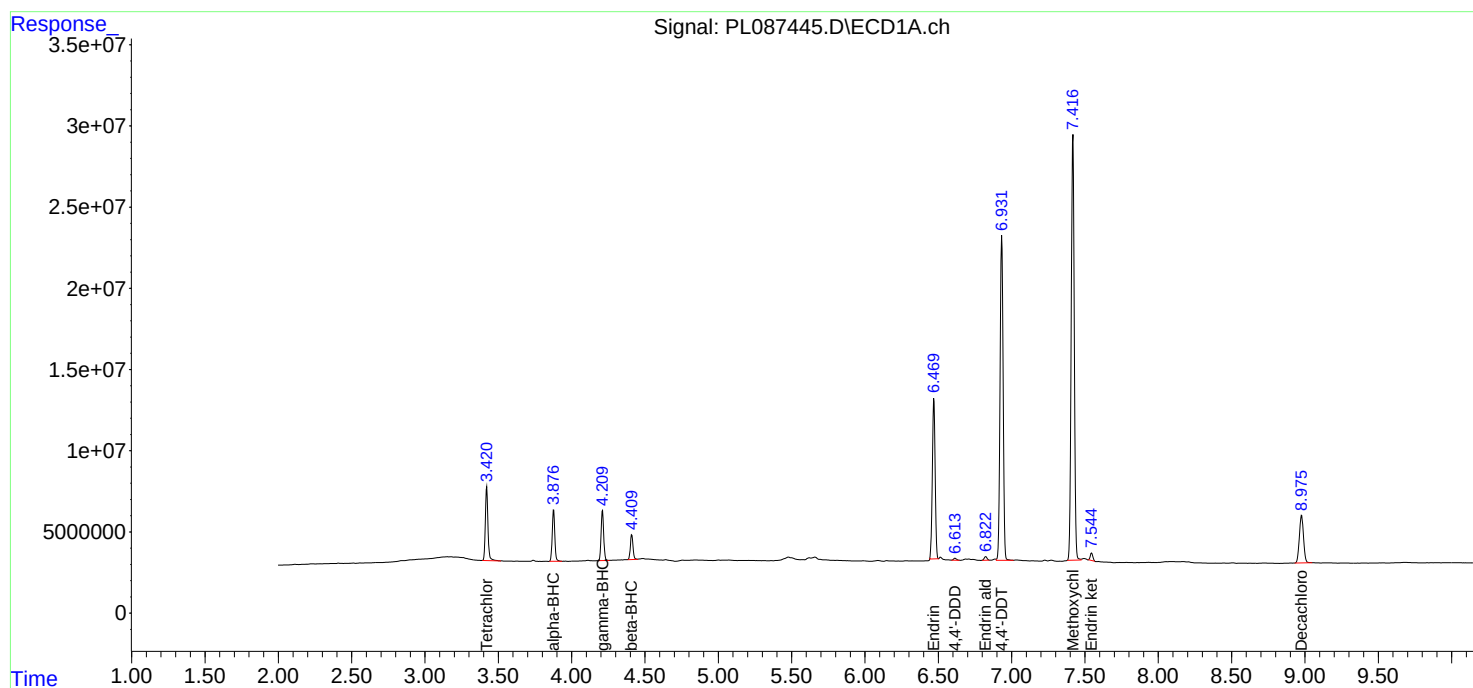
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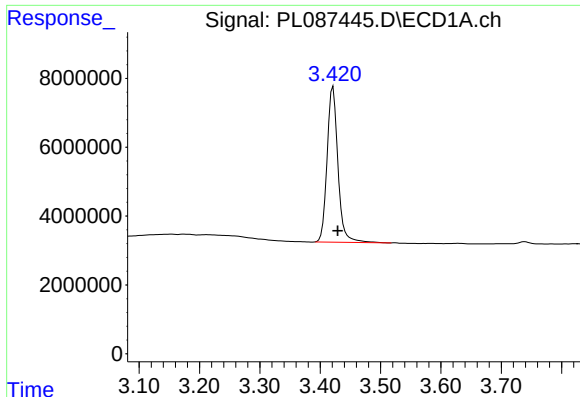
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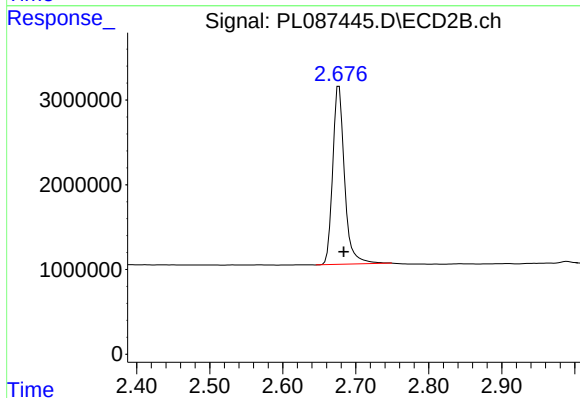
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: -0.008 min
Response: 56395866
Conc: 14.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

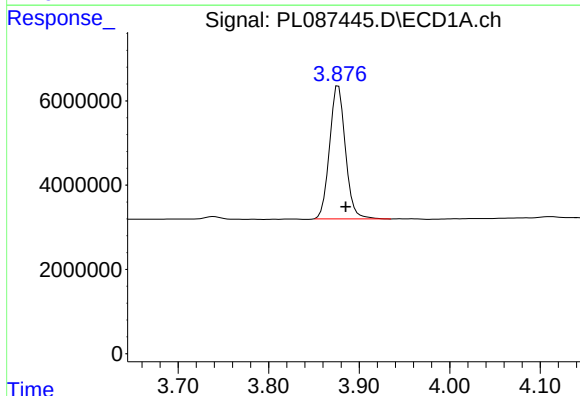
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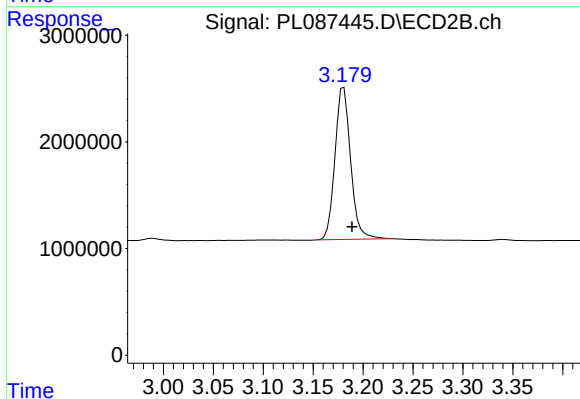
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.006 min
Response: 23748647
Conc: 14.11 ng/ml



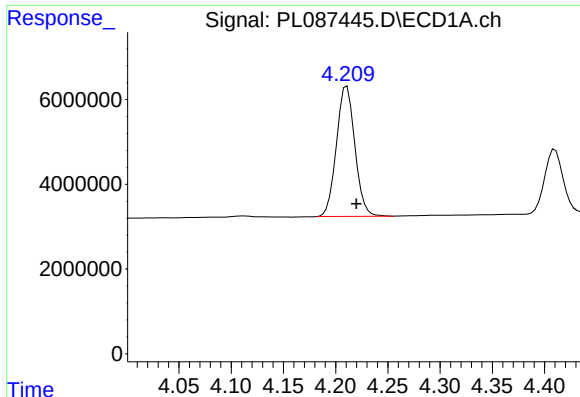
#2 alpha-BHC

R.T.: 3.877 min
Delta R.T.: -0.008 min
Response: 38445465
Conc: 7.10 ng/ml



#2 alpha-BHC

R.T.: 3.179 min
Delta R.T.: -0.010 min
Response: 15550174
Conc: 6.33 ng/ml m



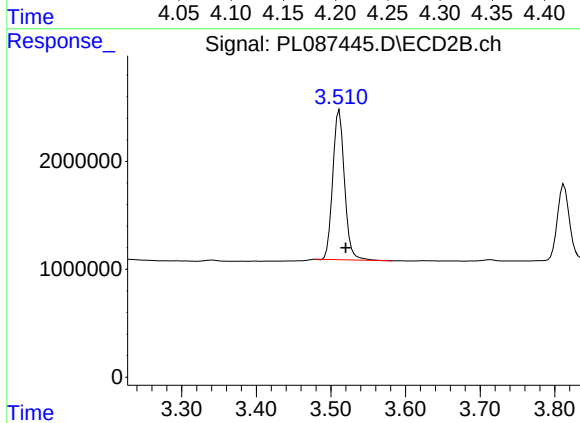
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: -0.009 min
Response: 37726043
Conc: 7.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

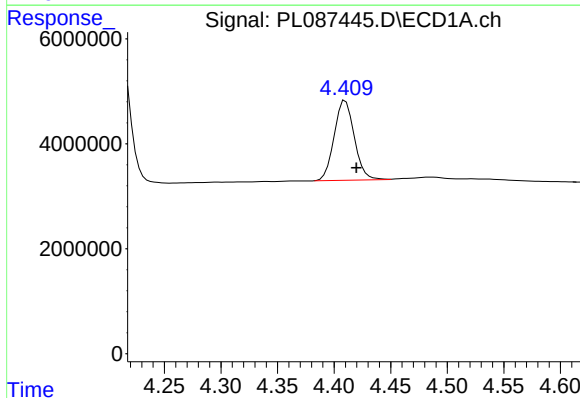
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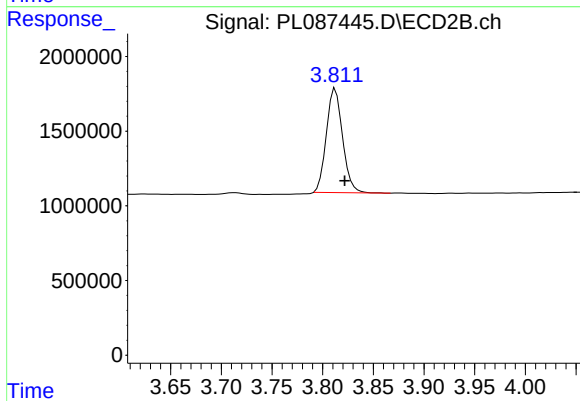
#3 gamma-BHC (Lindane)

R.T.: 3.511 min
Delta R.T.: -0.009 min
Response: 15219517
Conc: 6.28 ng/ml



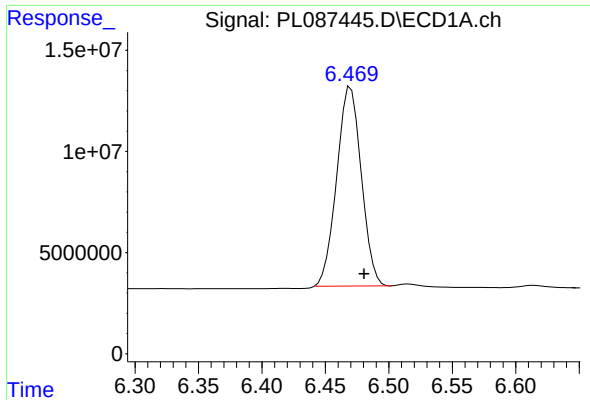
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: -0.010 min
Response: 18924125
Conc: 8.24 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.009 min
Response: 7769274
Conc: 7.46 ng/ml



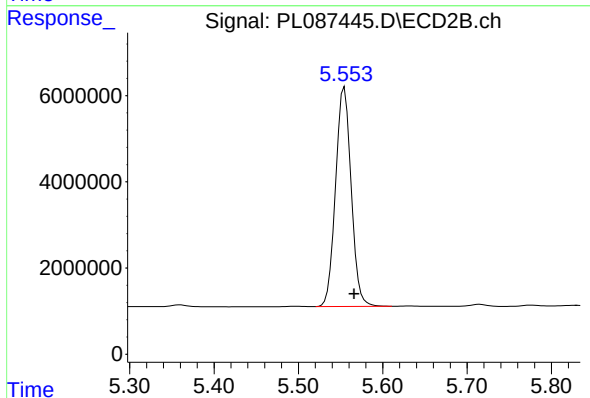
#14 Endrin

R.T.: 6.470 min
Delta R.T.: -0.010 min
Response: 132625600
Conc: 34.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

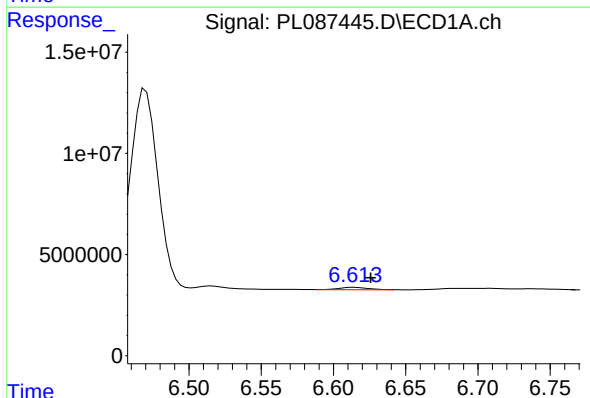
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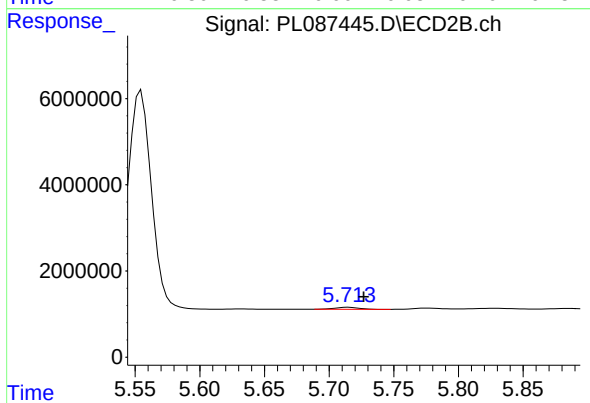
#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.012 min
Response: 65457362
Conc: 32.80 ng/ml



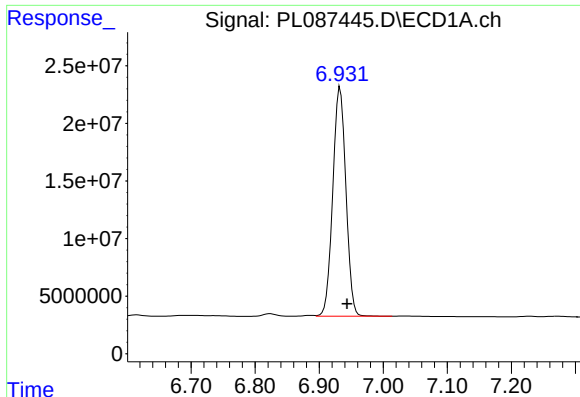
#16 4,4'-DDD

R.T.: 6.613 min
Delta R.T.: -0.013 min
Response: 1635881
Conc: 0.49 ng/ml m



#16 4,4'-DDD

R.T.: 5.715 min
Delta R.T.: -0.012 min
Response: 599435
Conc: 0.36 ng/ml



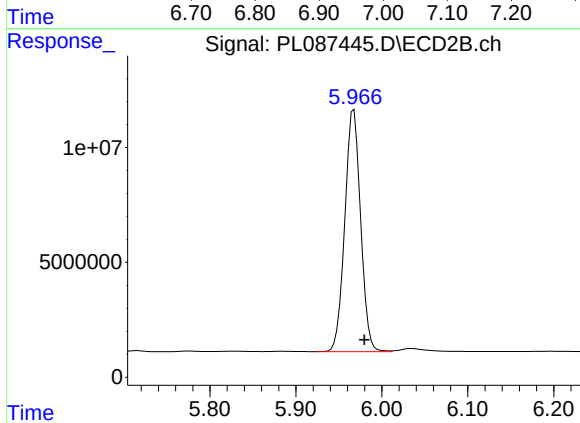
#17 4,4'-DDT

R.T.: 6.933 min
Delta R.T.: -0.011 min
Response: 283791872
Conc: 75.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

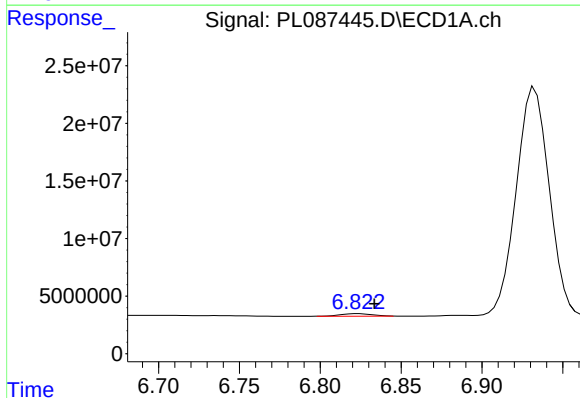
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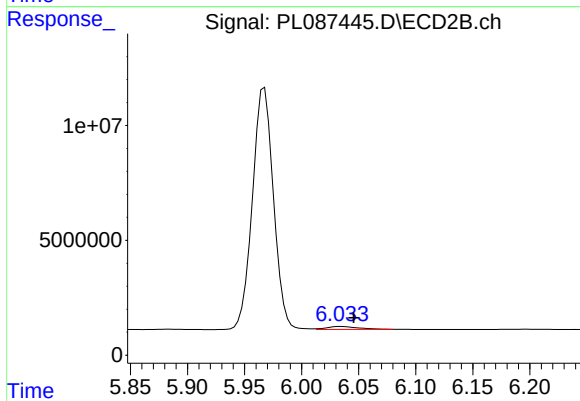
#17 4,4'-DDT

R.T.: 5.967 min
Delta R.T.: -0.012 min
Response: 135175112
Conc: 73.29 ng/ml



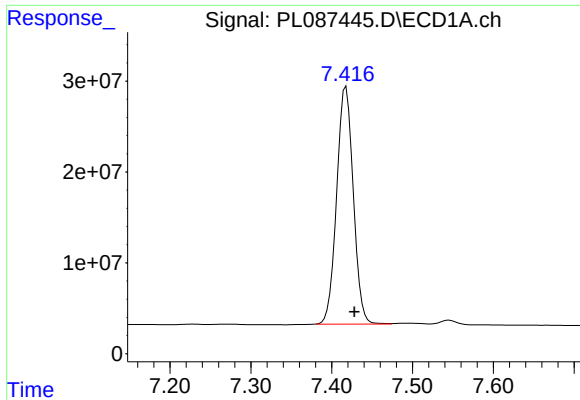
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: -0.012 min
Response: 3037370
Conc: 1.05 ng/ml m



#18 Endrin aldehyde

R.T.: 6.033 min
Delta R.T.: -0.013 min
Response: 2454042
Conc: 1.67 ng/ml m



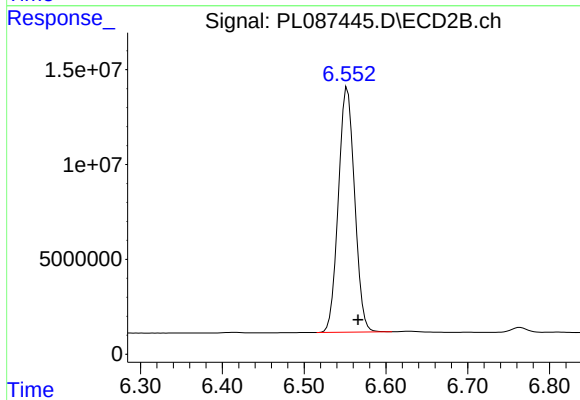
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.010 min
Response: 373352475
Conc: 191.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

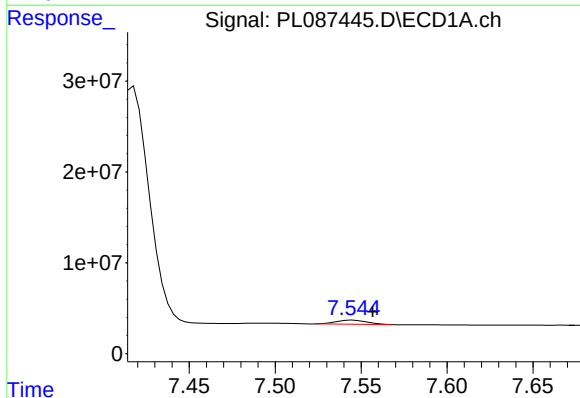
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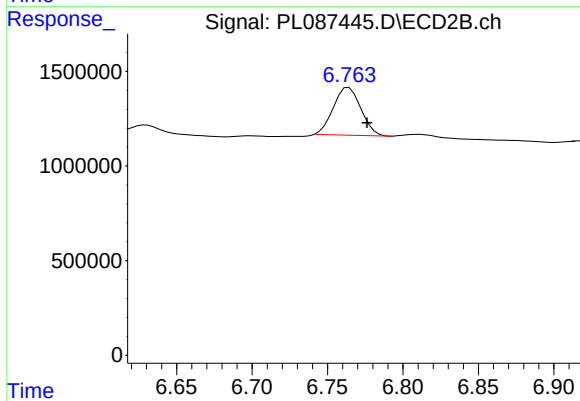
#20 Methoxychlor

R.T.: 6.552 min
Delta R.T.: -0.014 min
Response: 177313457
Conc: 173.60 ng/ml m



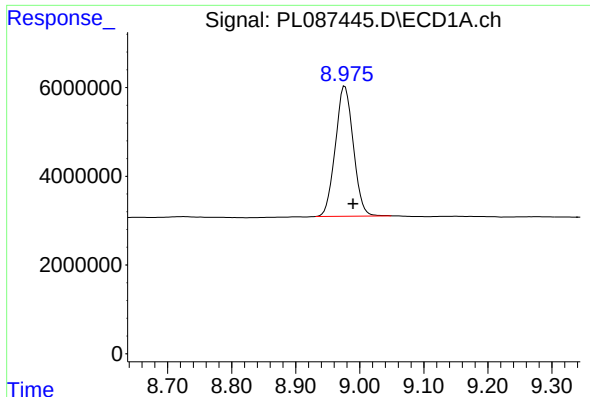
#21 Endrin ketone

R.T.: 7.544 min
Delta R.T.: -0.013 min
Response: 5622705
Conc: 1.38 ng/ml m



#21 Endrin ketone

R.T.: 6.764 min
Delta R.T.: -0.012 min
Response: 3201879
Conc: 1.50 ng/ml



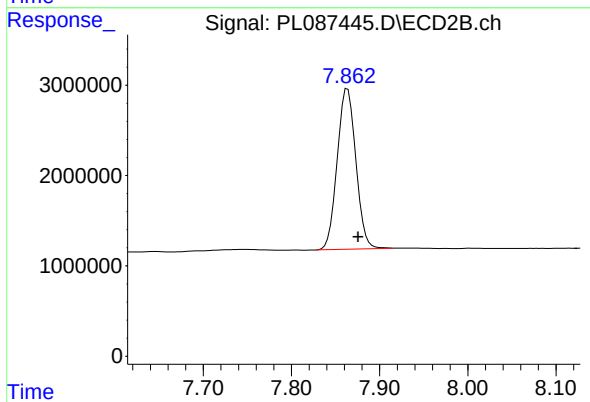
#28 Decachlorobiphenyl

R.T.: 8.977 min
Delta R.T.: -0.012 min
Response: 57017443
Conc: 16.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.862 min
Delta R.T.: -0.013 min
Response: 26118705
Conc: 15.46 ng/ml m