

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011824\
 Data File : PL087842.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jan 2024 09:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/19/2024
 Supervised By : Ankita Jodhani 01/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 18 21:44:02 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	65517774	26658604	21.885	22.007
28)	SA Decachlor...	8.982	7.862	66719116	30142041	23.427	23.793
Target Compounds							
2)	A alpha-BHC	3.876	3.177	45034180	17802851	10.037	9.659
3)	MA gamma-BHC...	4.210	3.508	43769308	17084962	10.035	9.401
6)	B beta-BHC	4.410	3.810	21402208	8716689	11.504	11.397
12)	B 4,4'-DDE	6.096	5.155	562090	251734	0.176	0.187
14)	MA Endrin	6.471	5.552	149.8E6	70648835	47.704	49.823
16)	A 4,4'-DDD	6.615	5.712	4341911	1854345	1.684m	1.645
17)	MA 4,4'-DDT	6.935	5.965	316.4E6	145.9E6	110.642	117.258
18)	B Endrin al...	6.825	6.031	5427850	2922509	2.158	2.515m
20)	A Methoxychlor	7.420	6.551	411.3E6	186.6E6	253.346	253.559
21)	B Endrin ke...	7.547	6.762	12122337	5358137	3.727	3.495

(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

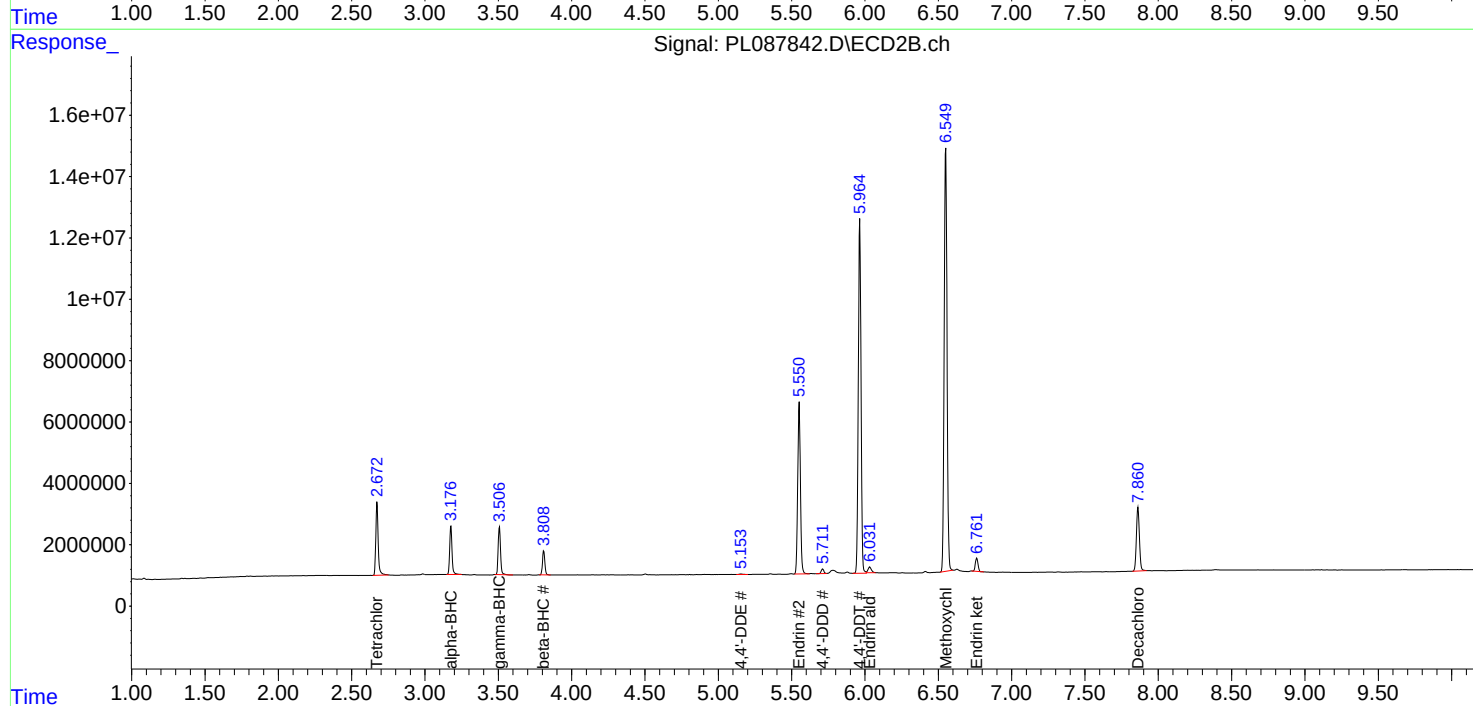
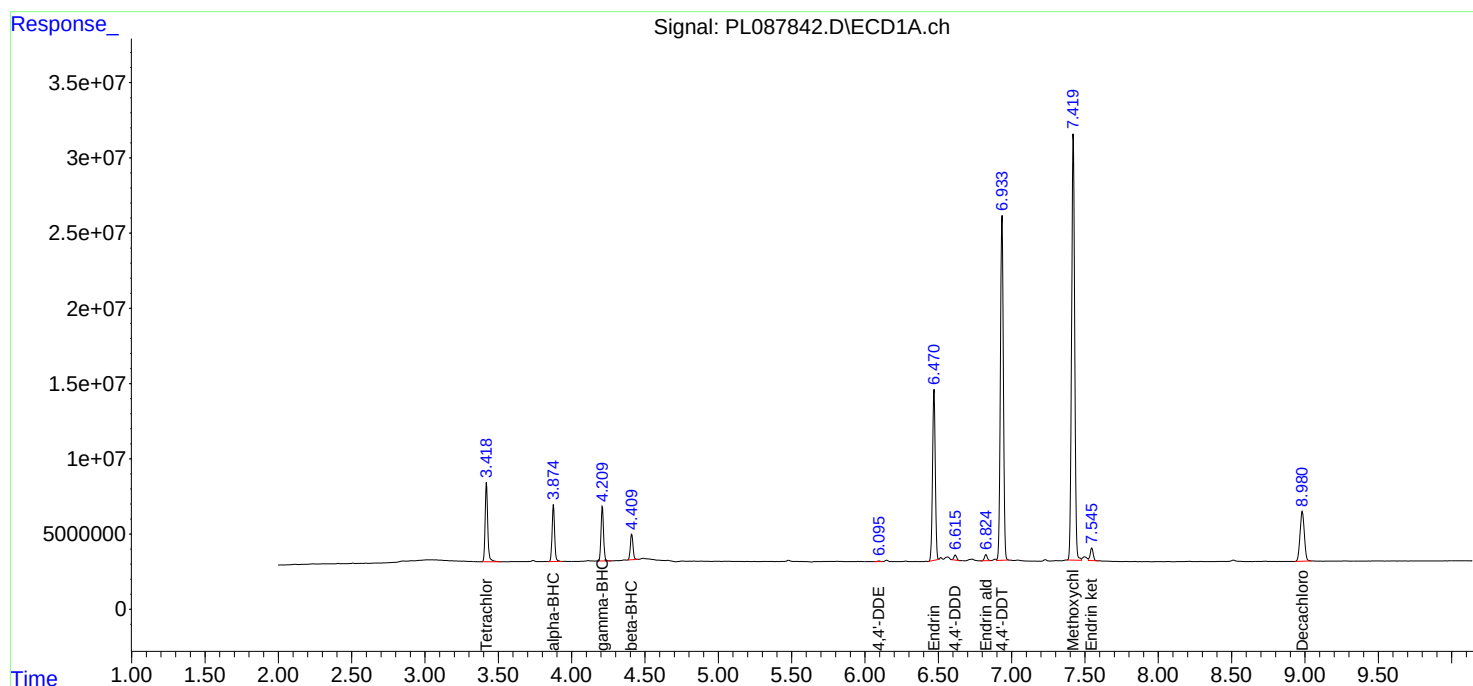
Instrument :
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ClientSampleId :
PEM

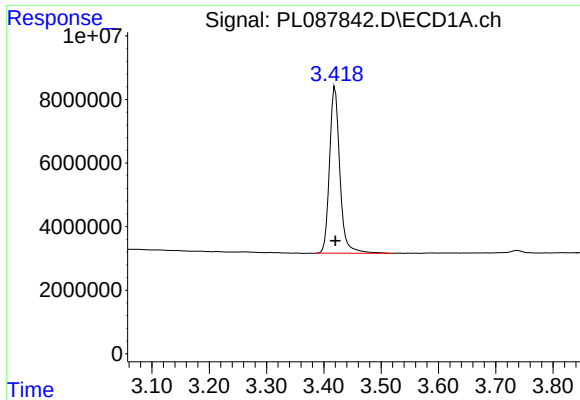
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Integration File signal 1: autoint1.e
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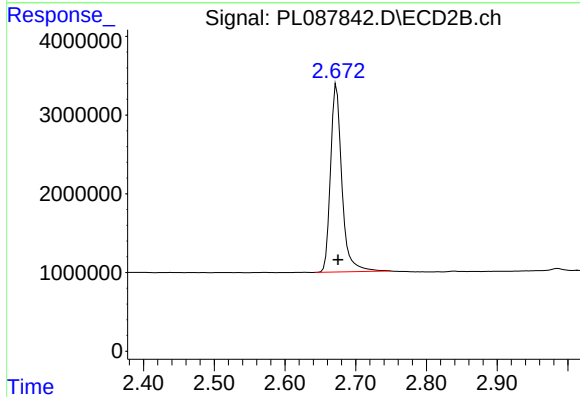
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.000 min
Response: 65517774
Conc: 21.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

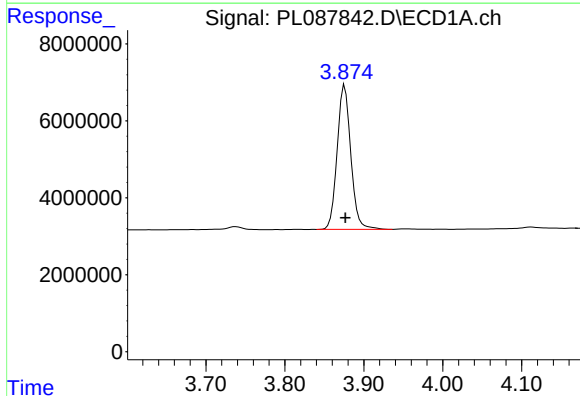
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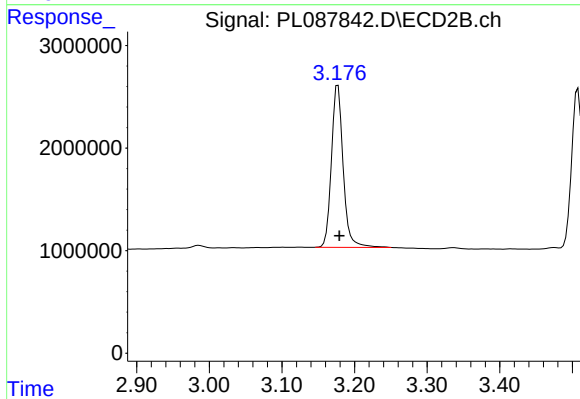
#1 Tetrachloro-m-xylene

R.T.: 2.673 min
Delta R.T.: -0.002 min
Response: 26658604
Conc: 22.01 ng/ml



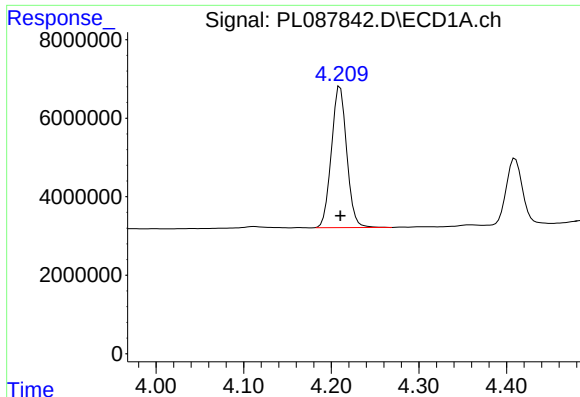
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 45034180
Conc: 10.04 ng/ml



#2 alpha-BHC

R.T.: 3.177 min
Delta R.T.: -0.002 min
Response: 17802851
Conc: 9.66 ng/ml



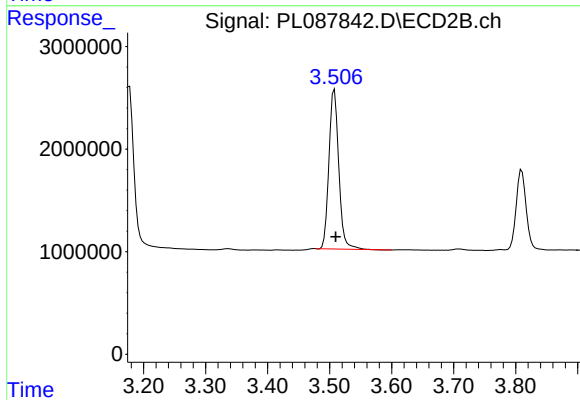
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 43769308
Conc: 10.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

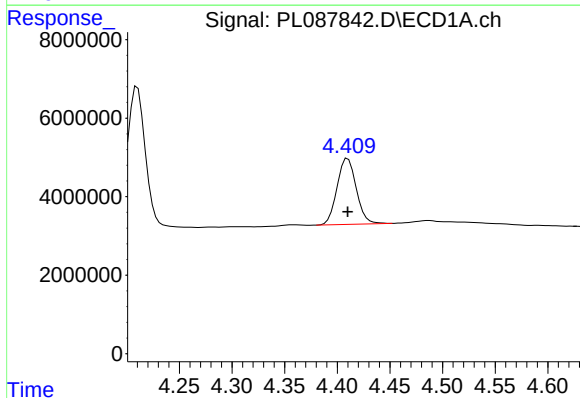
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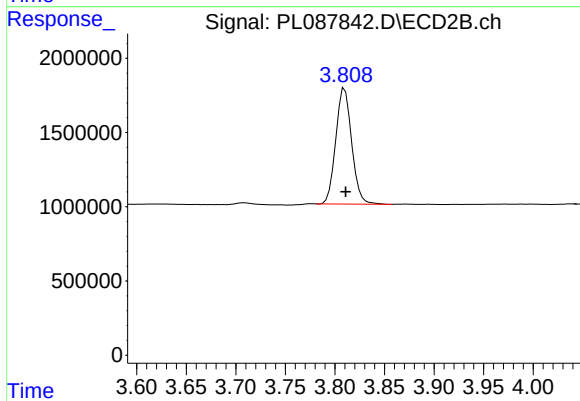
#3 gamma-BHC (Lindane)

R.T.: 3.508 min
Delta R.T.: -0.002 min
Response: 17084962
Conc: 9.40 ng/ml



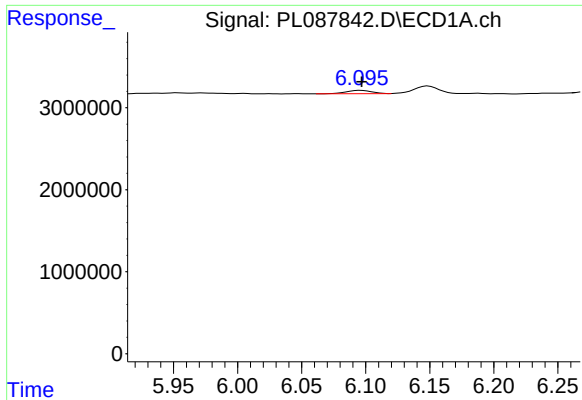
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 21402208
Conc: 11.50 ng/ml



#6 beta-BHC

R.T.: 3.810 min
Delta R.T.: -0.001 min
Response: 8716689
Conc: 11.40 ng/ml



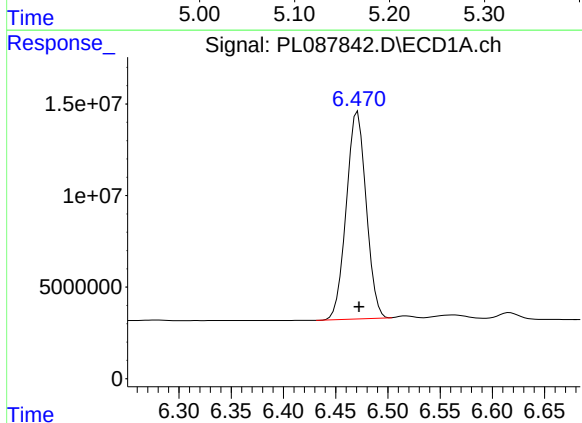
#12 4,4'-DDE

R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 562090
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
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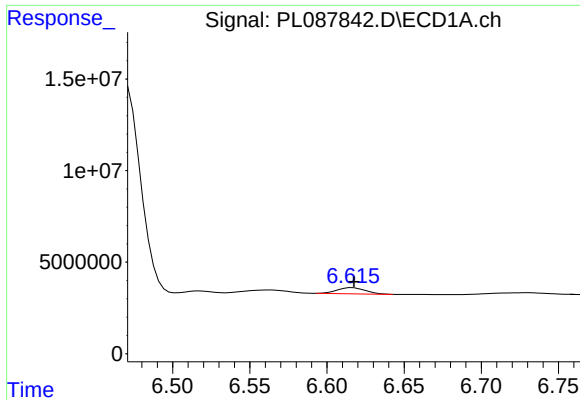


#14 Endrin

R.T.: 6.471 min
Delta R.T.: -0.001 min
Response: 149833677
Conc: 47.70 ng/ml

#14 Endrin

R.T.: 5.552 min
Delta R.T.: -0.003 min
Response: 70648835
Conc: 49.82 ng/ml



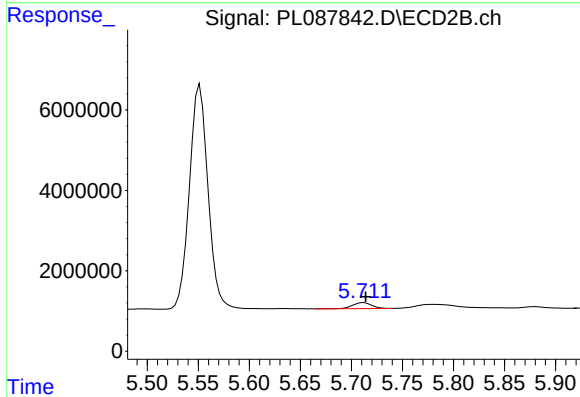
#16 4,4'-DDD

R.T.: 6.615 min
Delta R.T.: -0.002 min
Response: 4341911
Conc: 1.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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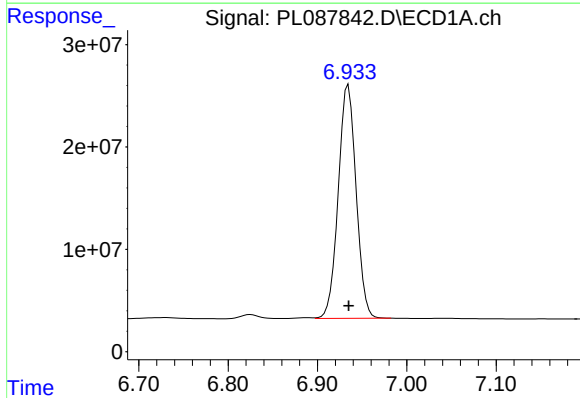


#16 4,4'-DDD

R.T.: 5.712 min
Delta R.T.: -0.002 min
Response: 1854345
Conc: 1.64 ng/ml

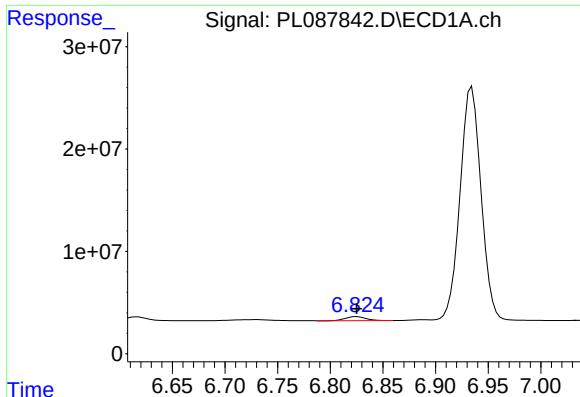
#17 4,4'-DDT

R.T.: 6.935 min
Delta R.T.: 0.000 min
Response: 316387374
Conc: 110.64 ng/ml



#17 4,4'-DDT

R.T.: 5.965 min
Delta R.T.: -0.003 min
Response: 145936526
Conc: 117.26 ng/ml



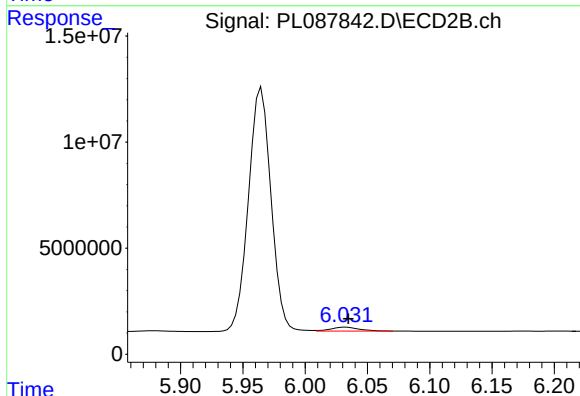
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 5427850
Conc: 2.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

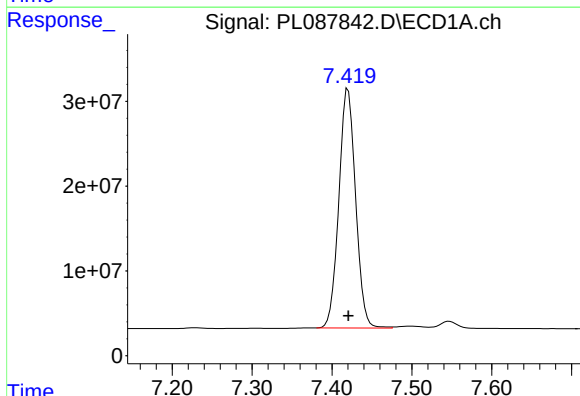
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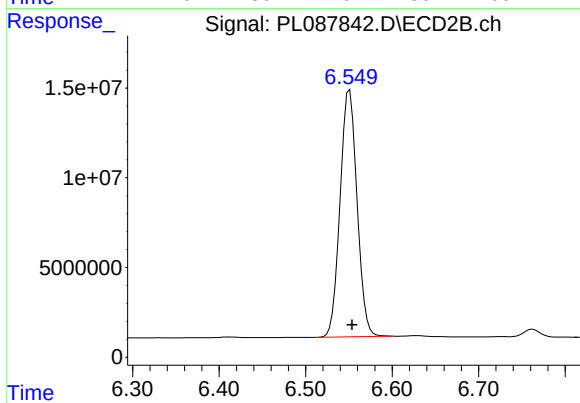
#18 Endrin aldehyde

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 2922509
Conc: 2.51 ng/ml m



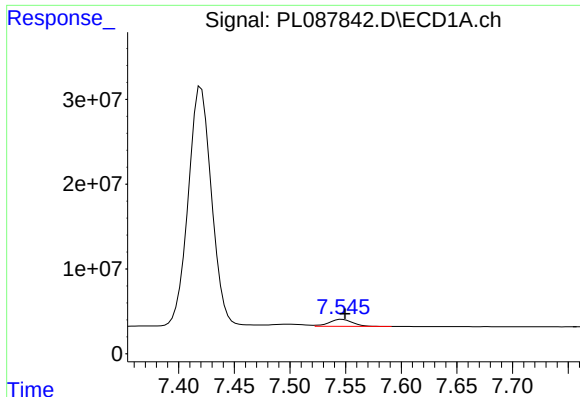
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: 0.000 min
Response: 411328021
Conc: 253.35 ng/ml



#20 Methoxychlor

R.T.: 6.551 min
Delta R.T.: -0.003 min
Response: 186639823
Conc: 253.56 ng/ml



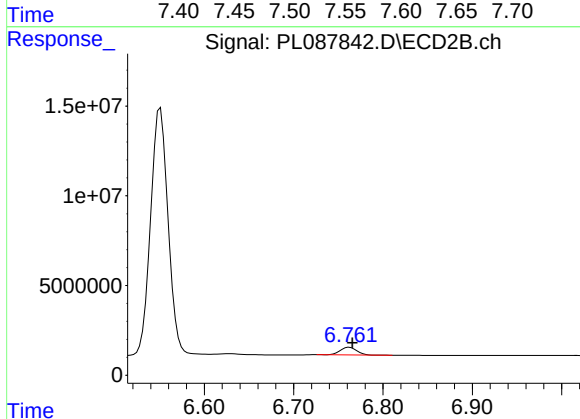
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: -0.002 min
Response: 12122337
Conc: 3.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

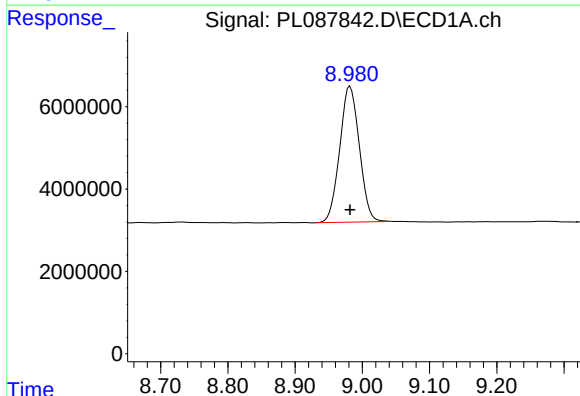
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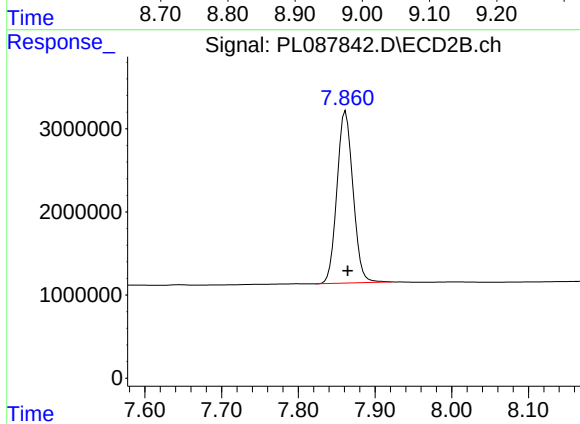
#21 Endrin ketone

R.T.: 6.762 min
Delta R.T.: -0.003 min
Response: 5358137
Conc: 3.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.982 min
Delta R.T.: 0.000 min
Response: 66719116
Conc: 23.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.862 min
Delta R.T.: -0.003 min
Response: 30142041
Conc: 23.79 ng/ml