

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120123\
 Data File : PL086904.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Nov 2023 11:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :Ankita Jodhani 12/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 30 21:46:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 06:35:04 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...	3.342	2.609	60068103	16420595	18.788	18.055
28)	SA Decachlor...	8.842	7.759	52971864	21641315	19.842	19.628
Target Compounds							
2)	A alpha-BHC	3.795	3.107	41375320	10688413	8.936	8.416
3)	MA gamma-BHC...	4.127	3.434	39703918	10525524	9.076	8.614
6)	B beta-BHC	4.332	3.737	19518172	5605776	10.434	10.595
12)	B 4,4'-DDE	6.006	5.066	1031569	171789	0.341	0.187m#
14)	MA Endrin	6.374	5.458	130.6E6	43279407	50.678	51.351
16)	A 4,4'-DDD	6.526	5.624	1443490	396075	0.616m	0.513m
17)	MA 4,4'-DDT	6.841	5.873	267.1E6	91361401	104.050	113.286
18)	B Endrin al...	6.730	5.940	5555780	2303476	2.604	3.297 #
20)	A Methoxychlor	7.326	6.458	344.1E6	130.5E6	260.567	253.472
21)	B Endrin ke...	7.446	6.663	8445103	2857941	2.825m	2.504m

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

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Sample : PEM
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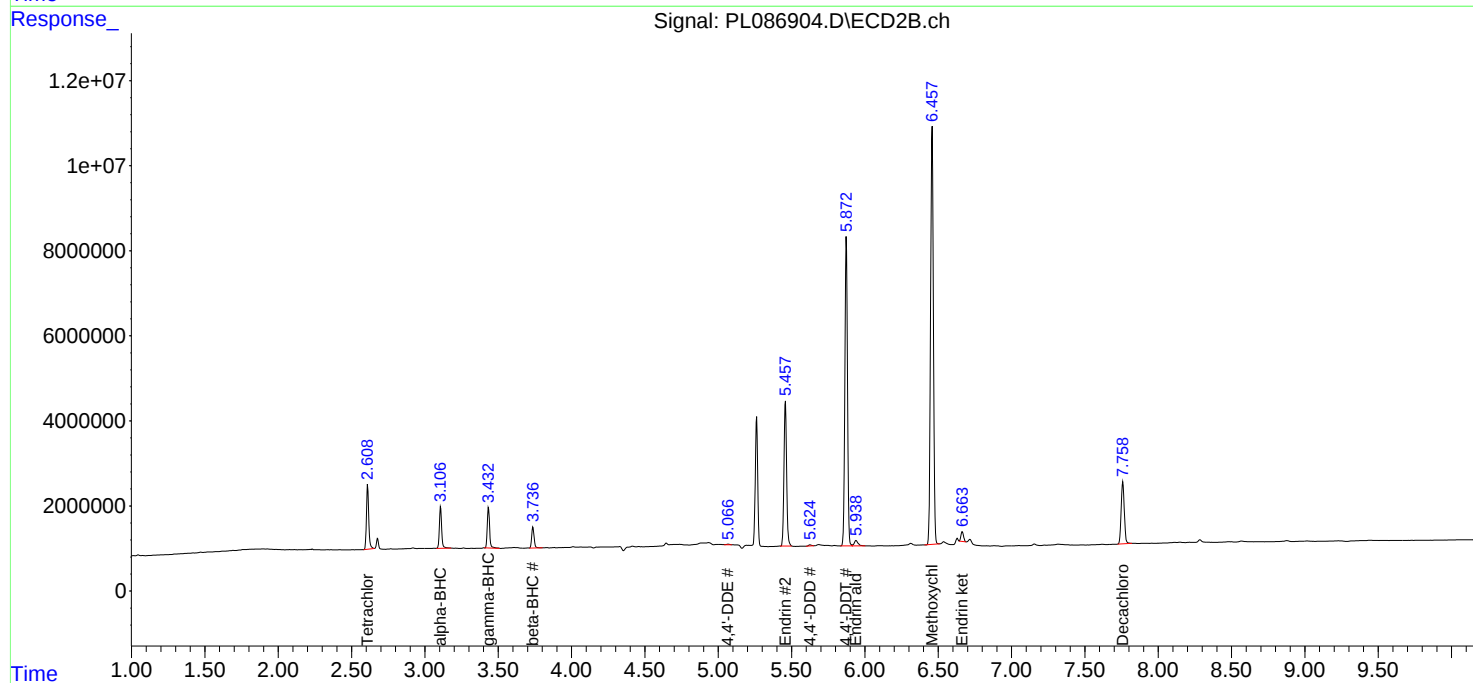
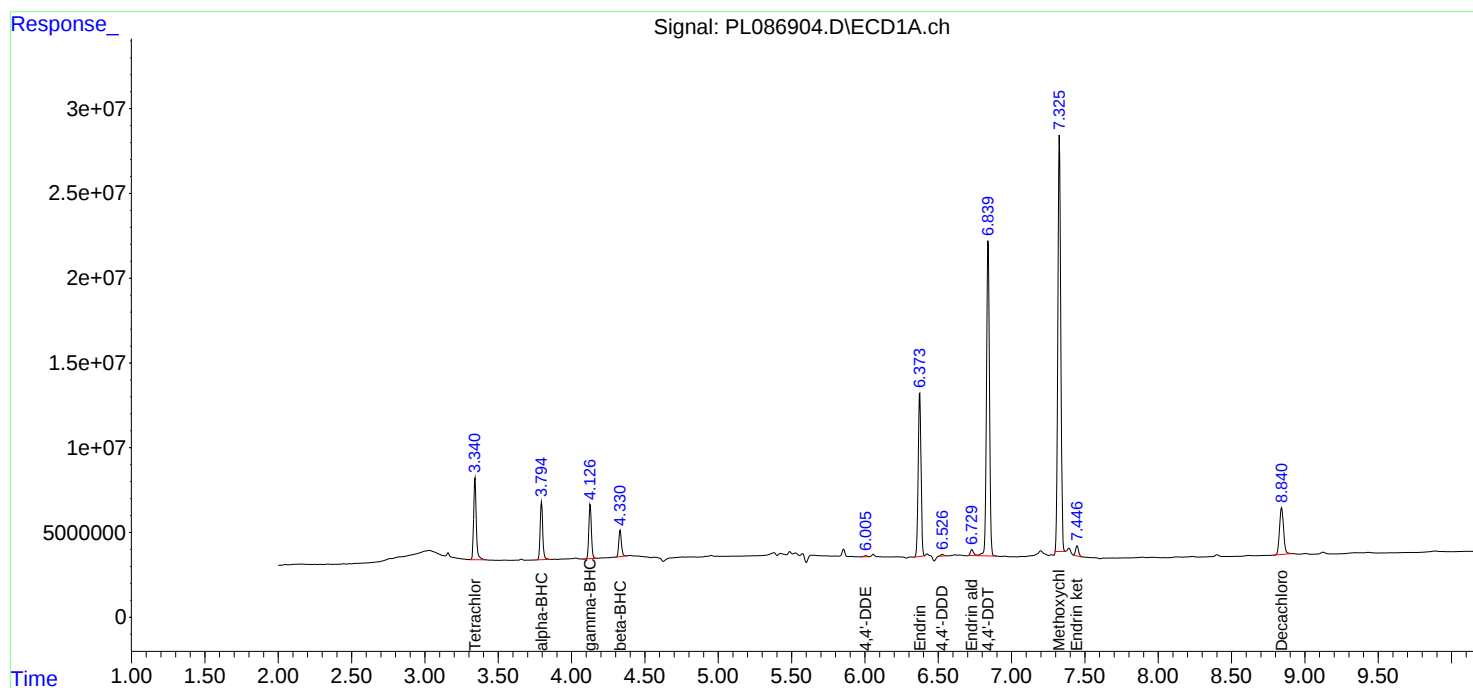
Instrument :
ECD_L
ClientSampleId :
PEM

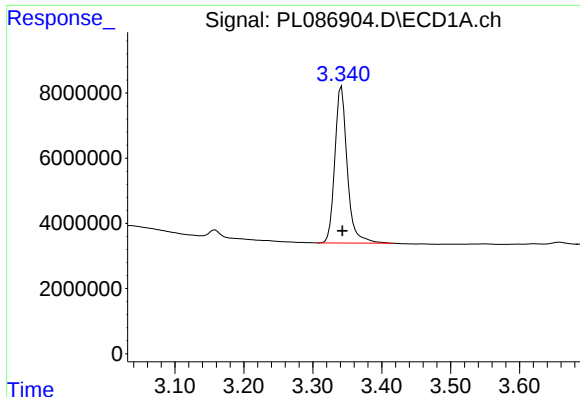
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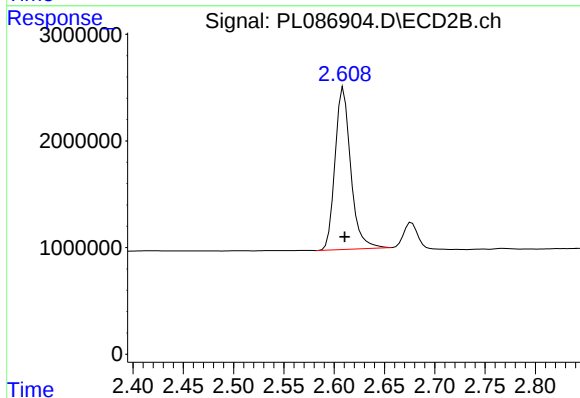
#1 Tetrachloro-m-xylene

R.T.: 3.342 min
Delta R.T.: -0.001 min
Response: 60068103
Conc: 18.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

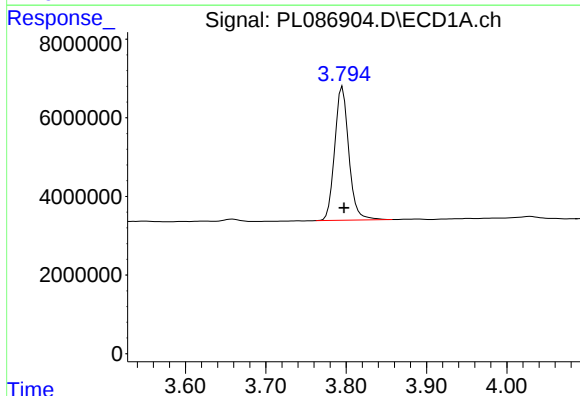
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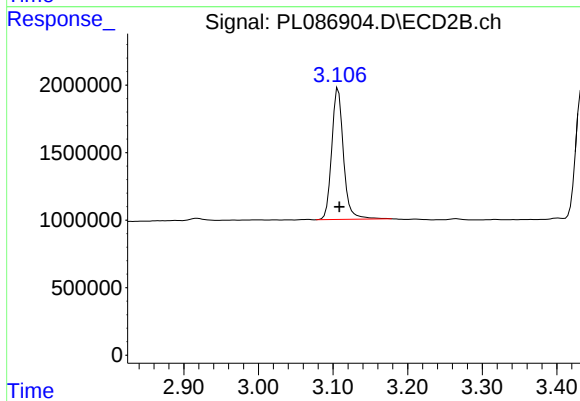
#1 Tetrachloro-m-xylene

R.T.: 2.609 min
Delta R.T.: 0.000 min
Response: 16420595
Conc: 18.05 ng/ml



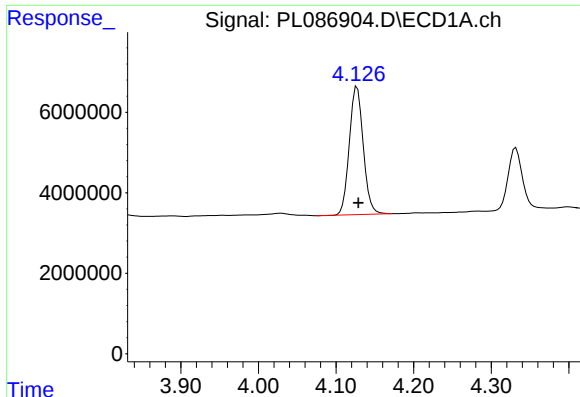
#2 alpha-BHC

R.T.: 3.795 min
Delta R.T.: -0.002 min
Response: 41375320
Conc: 8.94 ng/ml



#2 alpha-BHC

R.T.: 3.107 min
Delta R.T.: -0.002 min
Response: 10688413
Conc: 8.42 ng/ml



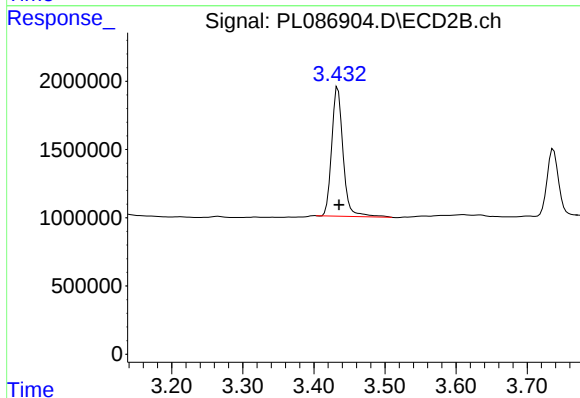
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.002 min
Response: 39703918
Conc: 9.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

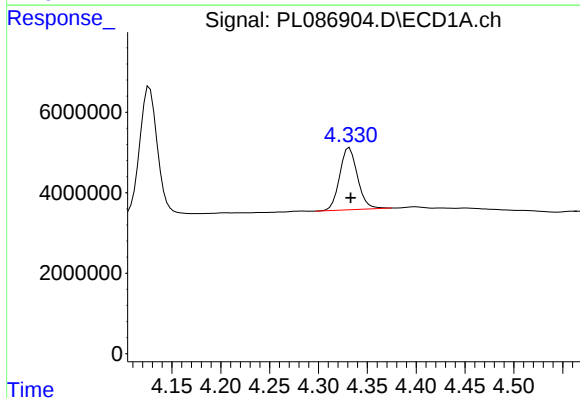
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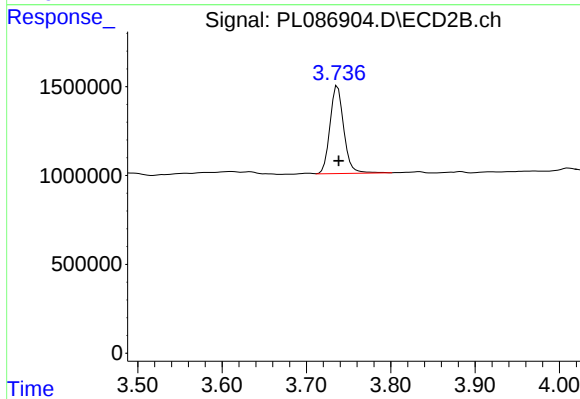
#3 gamma-BHC (Lindane)

R.T.: 3.434 min
Delta R.T.: -0.002 min
Response: 10525524
Conc: 8.61 ng/ml



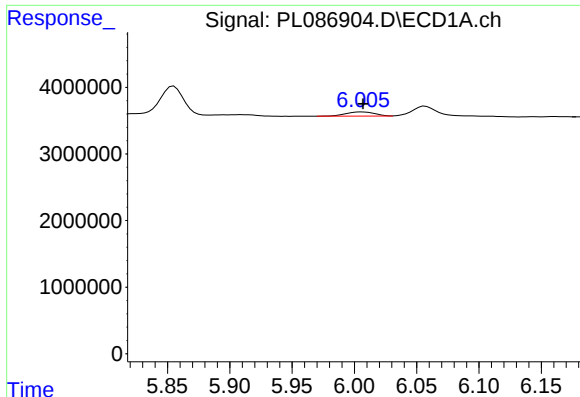
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: -0.001 min
Response: 19518172
Conc: 10.43 ng/ml



#6 beta-BHC

R.T.: 3.737 min
Delta R.T.: -0.001 min
Response: 5605776
Conc: 10.60 ng/ml



#12 4,4'-DDE

R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 1031569
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

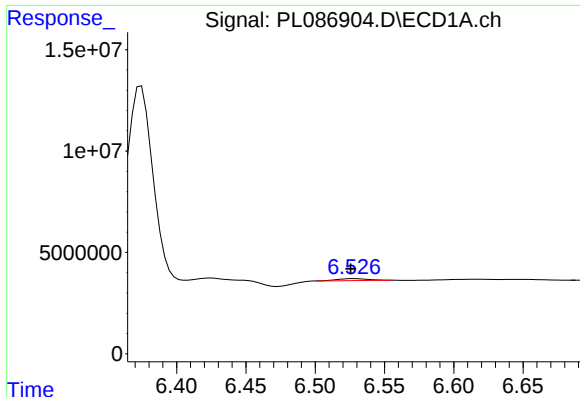
R.T.: 5.066 min
Delta R.T.: -0.002 min
Response: 171789
Conc: 0.19 ng/ml m

#14 Endrin

R.T.: 6.374 min
Delta R.T.: 0.000 min
Response: 130630597
Conc: 50.68 ng/ml

#14 Endrin

R.T.: 5.458 min
Delta R.T.: 0.000 min
Response: 43279407
Conc: 51.35 ng/ml



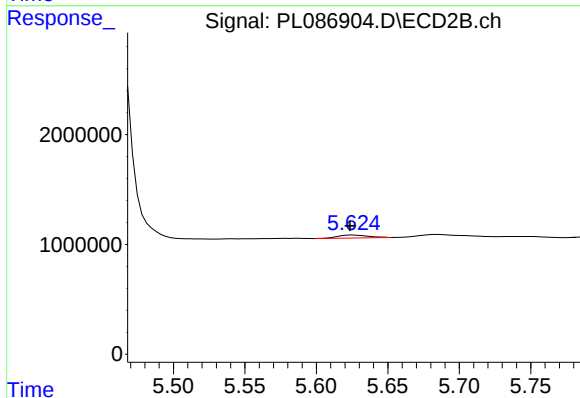
#16 4,4'-DDD

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 1443490
Conc: 0.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

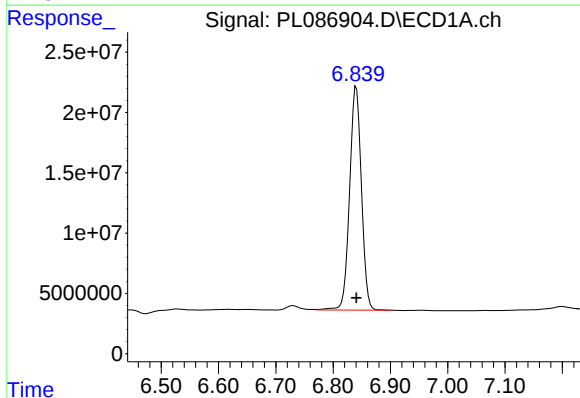
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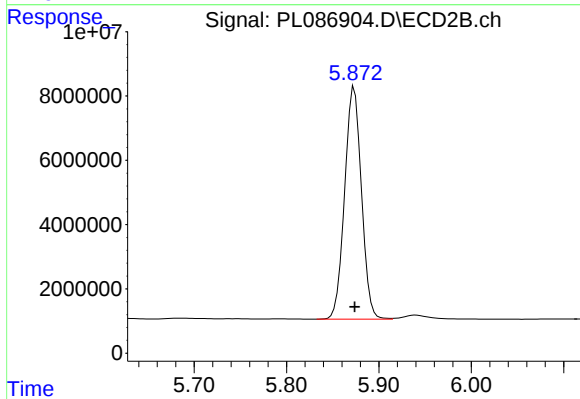
#16 4,4'-DDD

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 396075
Conc: 0.51 ng/ml m



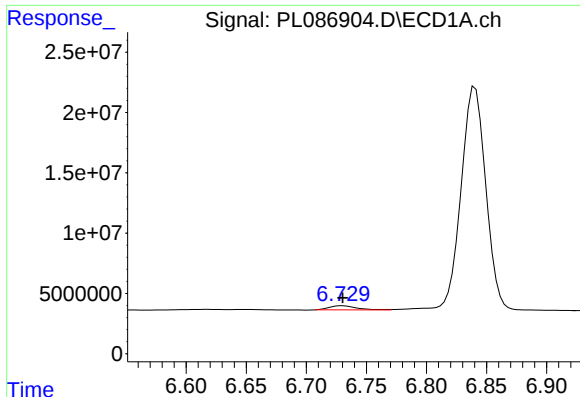
#17 4,4'-DDT

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 267061674
Conc: 104.05 ng/ml



#17 4,4'-DDT

R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 91361401
Conc: 113.29 ng/ml



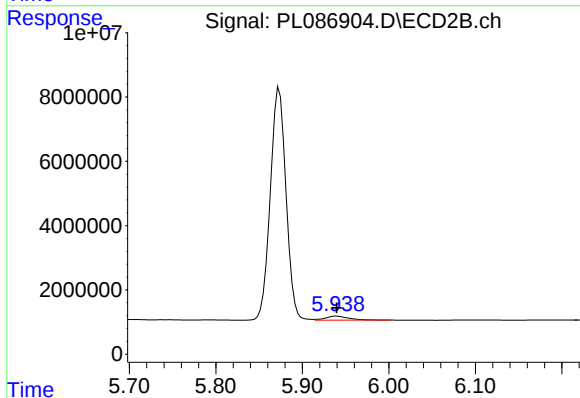
#18 Endrin aldehyde

R.T.: 6.730 min
Delta R.T.: 0.000 min
Response: 5555780
Conc: 2.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

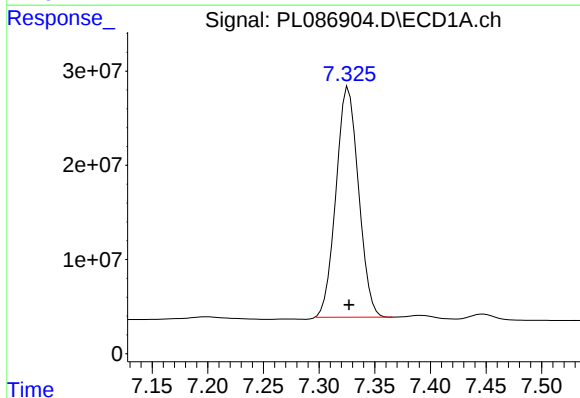
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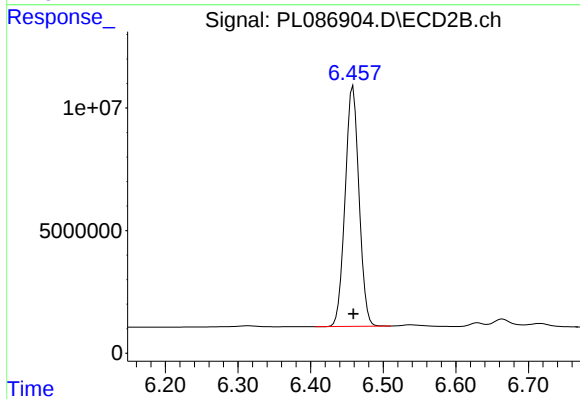
#18 Endrin aldehyde

R.T.: 5.940 min
Delta R.T.: 0.000 min
Response: 2303476
Conc: 3.30 ng/ml



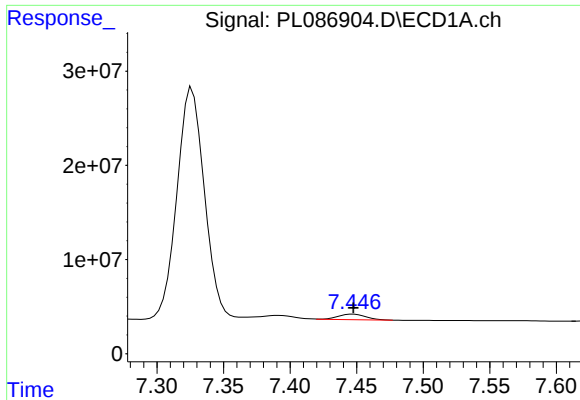
#20 Methoxychlor

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 344074159
Conc: 260.57 ng/ml



#20 Methoxychlor

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 130467186
Conc: 253.47 ng/ml



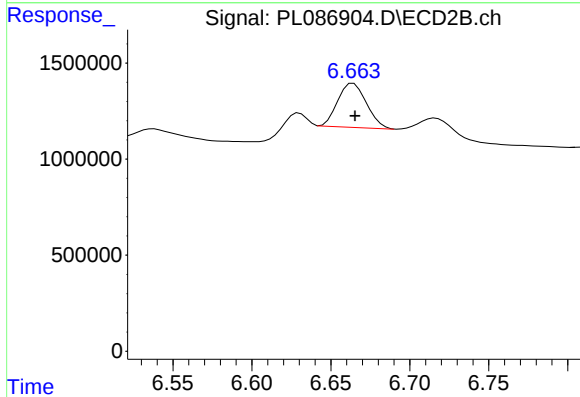
#21 Endrin ketone

R.T.: 7.446 min
Delta R.T.: -0.002 min
Response: 8445103
Conc: 2.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

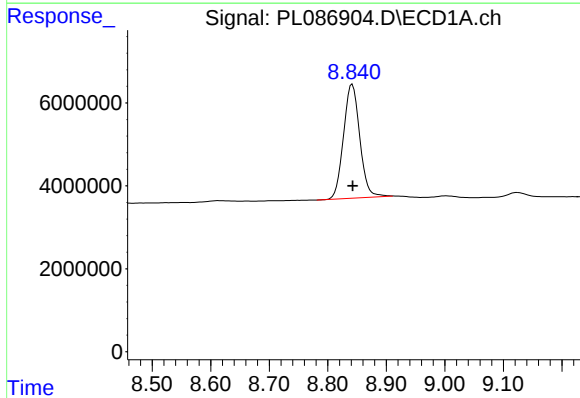
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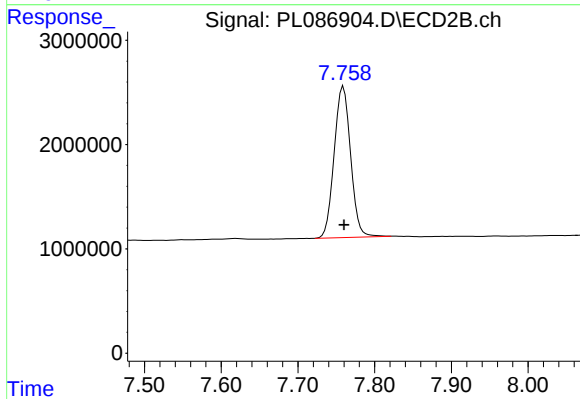
#21 Endrin ketone

R.T.: 6.663 min
Delta R.T.: -0.002 min
Response: 2857941
Conc: 2.50 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.842 min
Delta R.T.: 0.000 min
Response: 52971864
Conc: 19.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.759 min
Delta R.T.: -0.001 min
Response: 21641315
Conc: 19.63 ng/ml