

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071323\
 Data File : PL083870.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jul 2023 08:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/14/2023
 Supervised By : Ankita Jodhani 07/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 14 00:06:02 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	2.689	43013016	21815327	21.508	19.643
28)	SA Decachlor...	9.022	7.872	29505972	23775760	22.668	21.398
Target Compounds							
2)	A alpha-BHC	3.933	3.193	29328355	14500113	10.010	9.018
3)	MA gamma-BHC...	4.267	3.524	28012362	13454818	9.915	8.848
6)	B beta-BHC	4.465	3.825	14049394	6985764	11.709	10.584
14)	MA Endrin	6.524	5.565	88348583	53043357	46.391	48.255
16)	A 4,4'-DDD	6.664	5.725	2343687	1211803	1.596m	1.263
17)	MA 4,4'-DDT	6.982	5.978	161.6E6	102.0E6	101.328	112.032
18)	B Endrin al...	6.875	6.044	2469047	1842371	1.685	2.050
20)	A Methoxychlor	7.462	6.562	196.5E6	122.5E6	251.222m	255.572
21)	B Endrin ke...	7.593	6.773	4446586	3147640	2.537m	2.436

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

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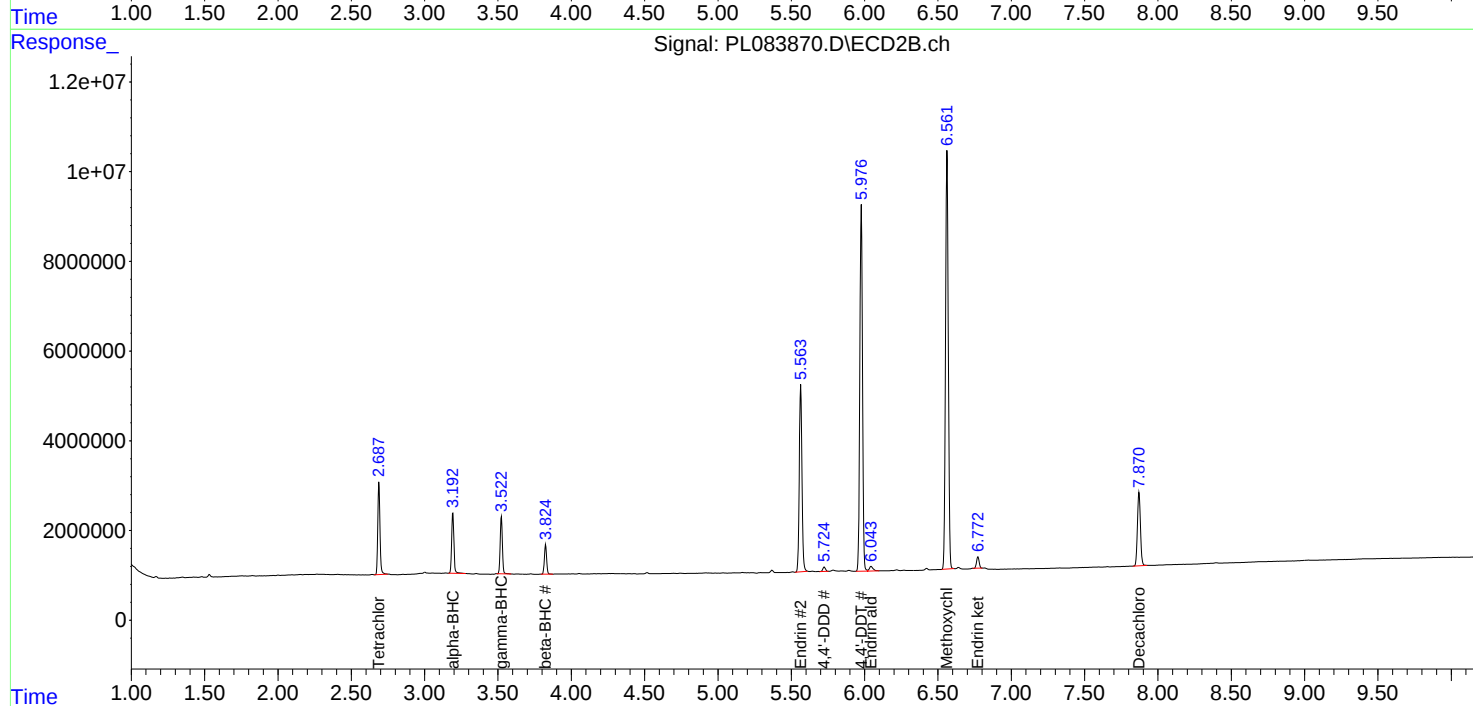
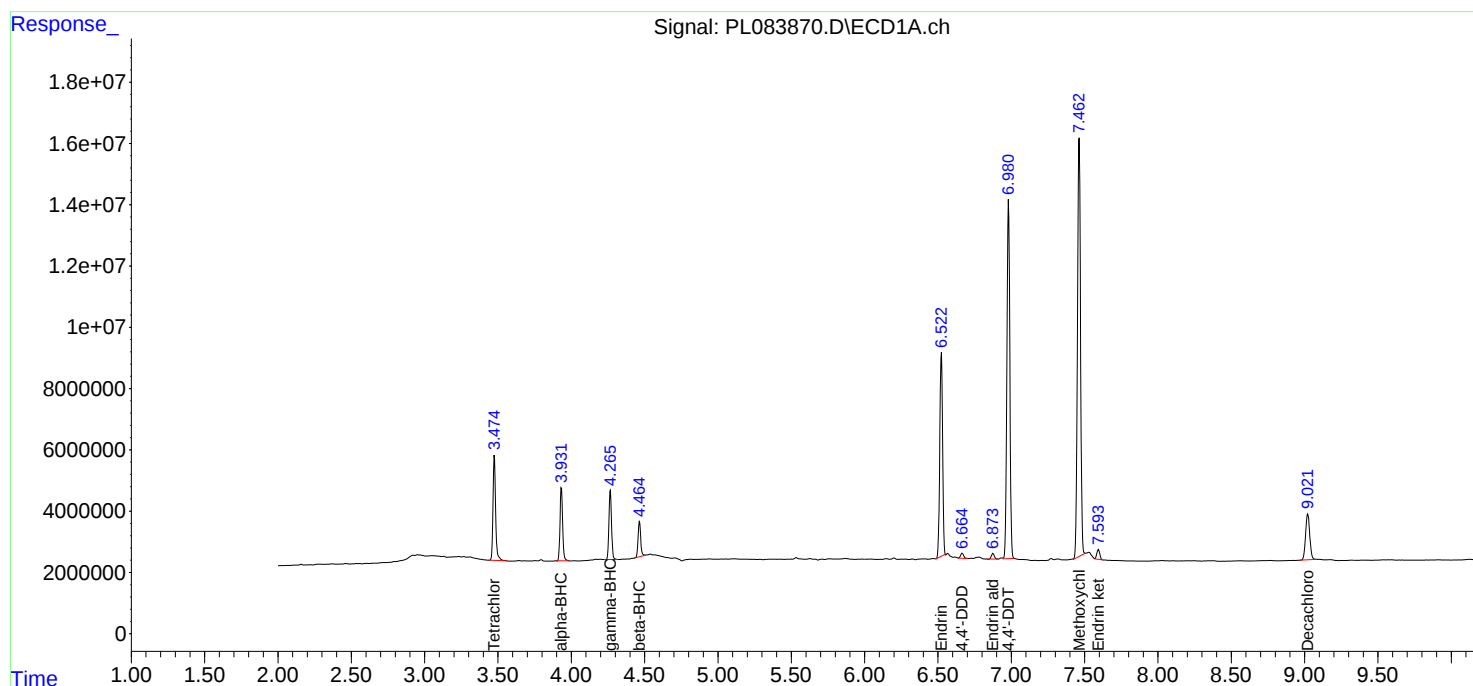
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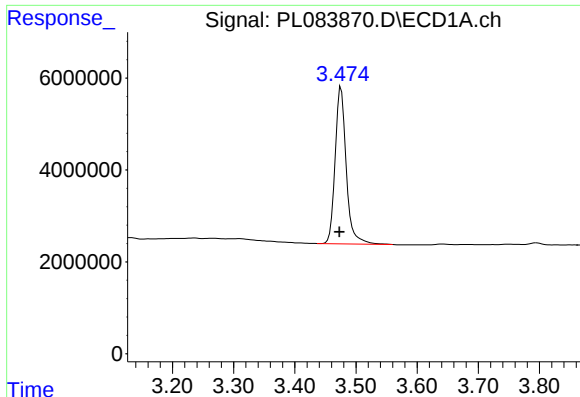
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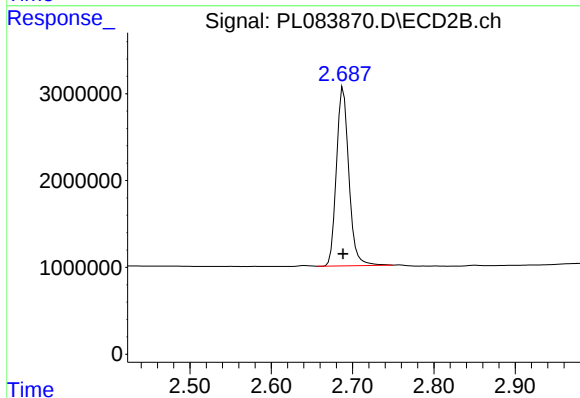
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 43013016
Conc: 21.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

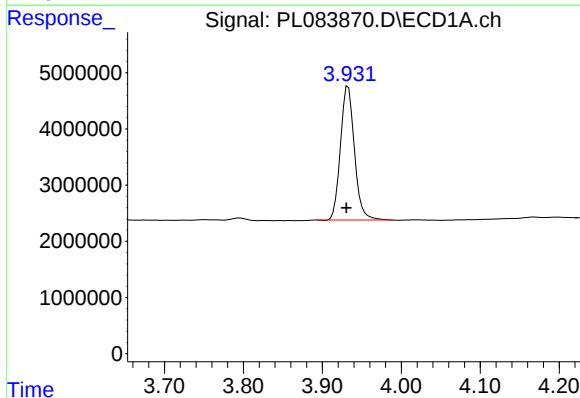
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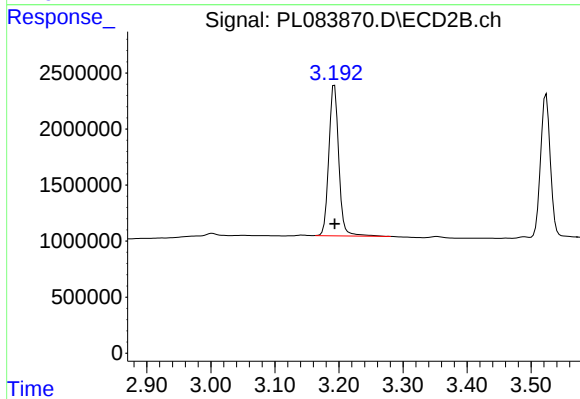
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 21815327
Conc: 19.64 ng/ml



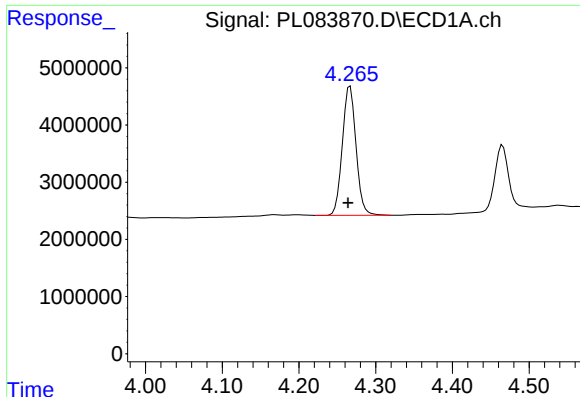
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.002 min
Response: 29328355
Conc: 10.01 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 14500113
Conc: 9.02 ng/ml



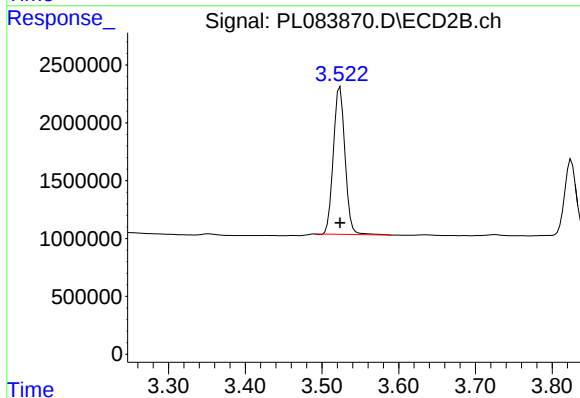
#3 gamma-BHC (Lindane)

R.T.: 4.267 min
Delta R.T.: 0.003 min
Response: 28012362
Conc: 9.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

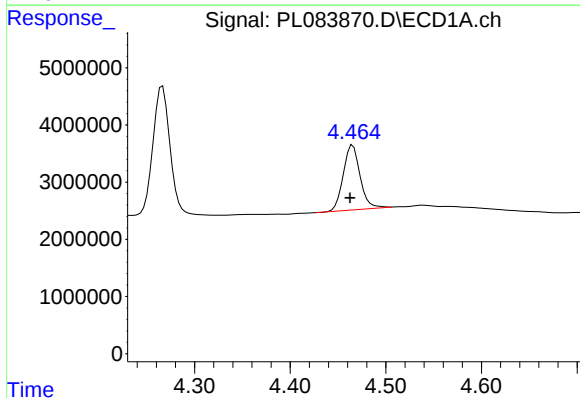
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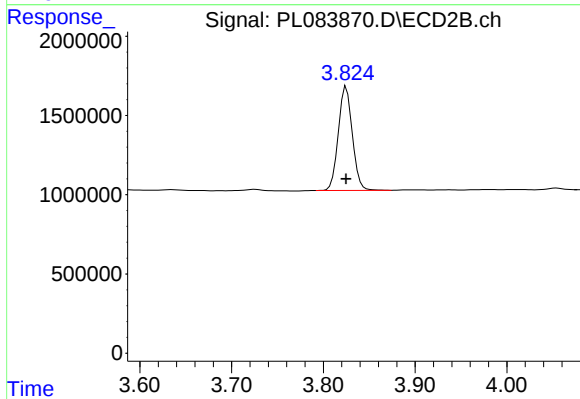
#3 gamma-BHC (Lindane)

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 13454818
Conc: 8.85 ng/ml



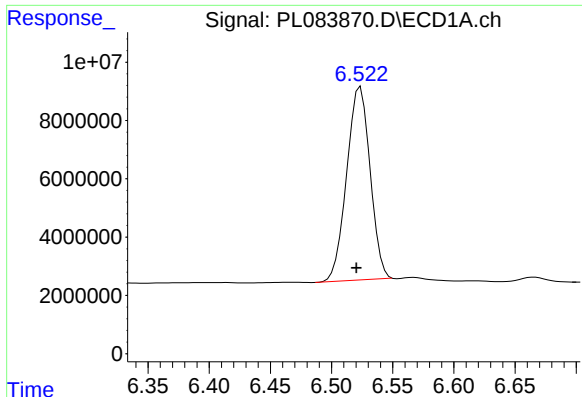
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: 0.003 min
Response: 14049394
Conc: 11.71 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 6985764
Conc: 10.58 ng/ml



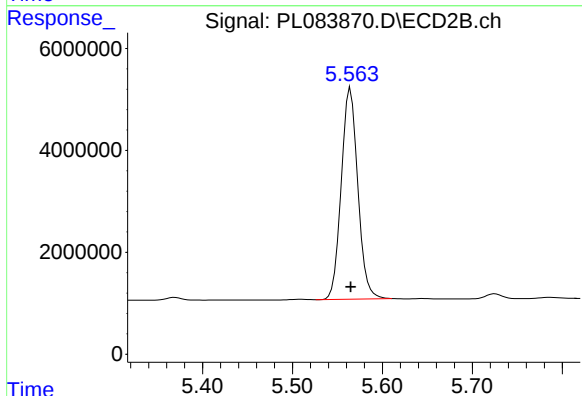
#14 Endrin

R.T.: 6.524 min
Delta R.T.: 0.003 min
Response: 88348583
Conc: 46.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

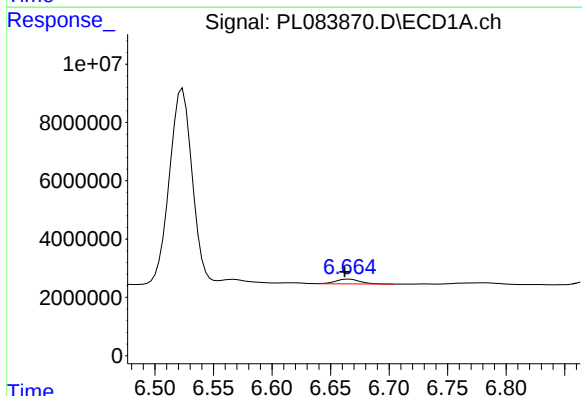
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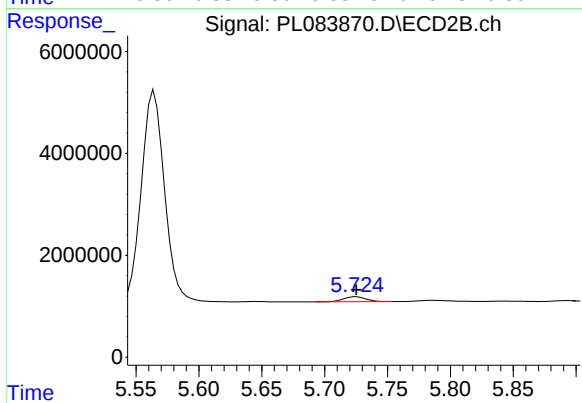
#14 Endrin

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 53043357
Conc: 48.25 ng/ml



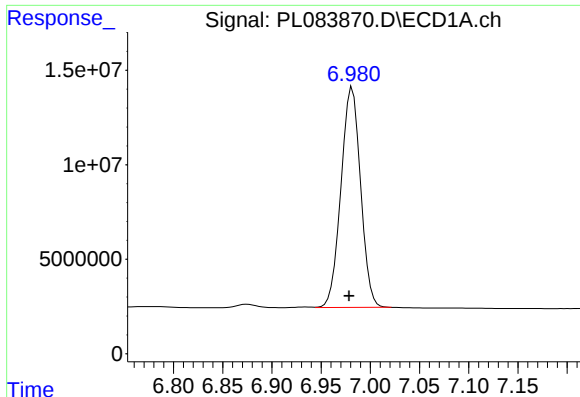
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: 0.002 min
Response: 2343687
Conc: 1.60 ng/ml m



#16 4,4'-DDD

R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 1211803
Conc: 1.26 ng/ml



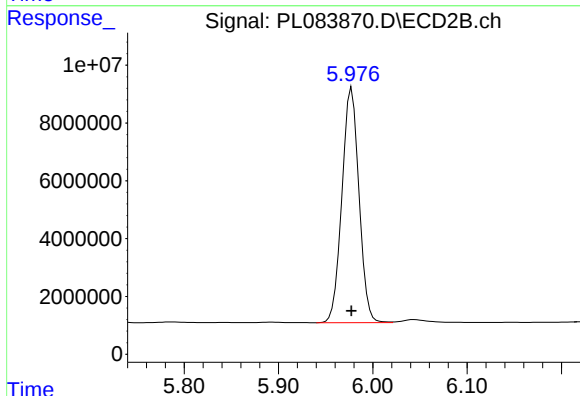
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: 0.003 min
Response: 161598091
Conc: 101.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

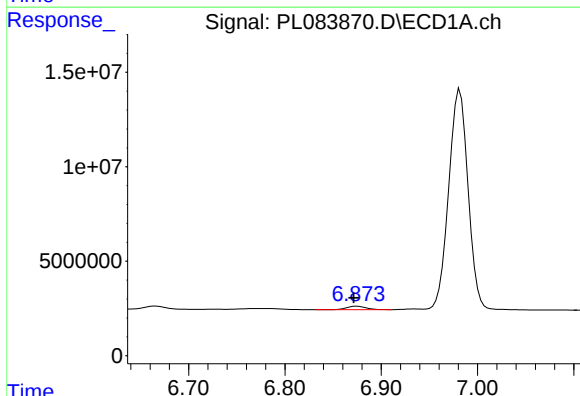
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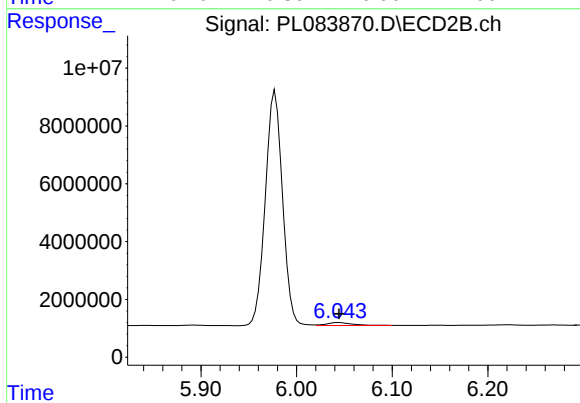
#17 4,4'-DDT

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 102038545
Conc: 112.03 ng/ml



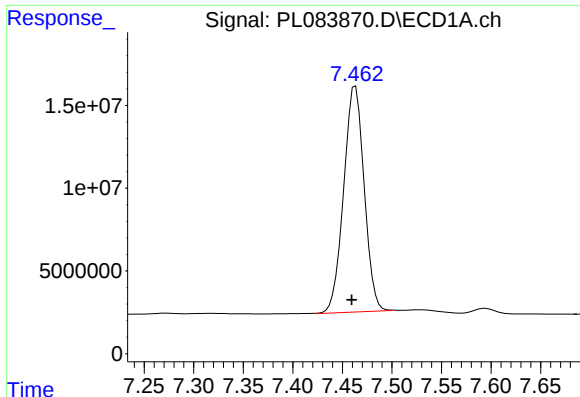
#18 Endrin aldehyde

R.T.: 6.875 min
Delta R.T.: 0.003 min
Response: 2469047
Conc: 1.69 ng/ml



#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 1842371
Conc: 2.05 ng/ml



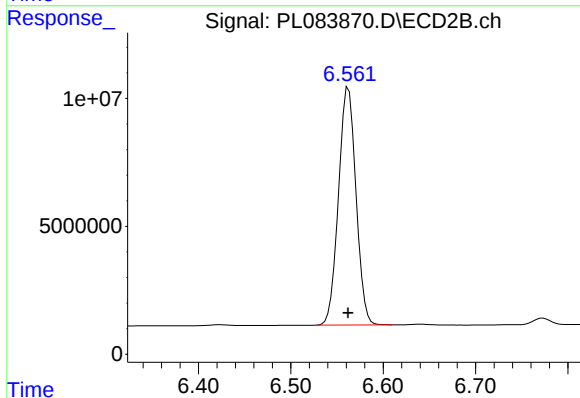
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.002 min
Response: 196510933
Conc: 251.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

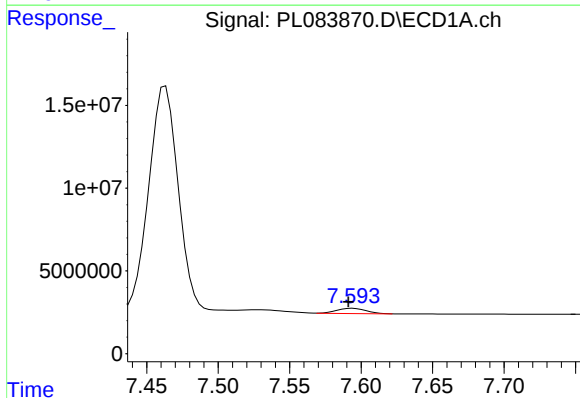
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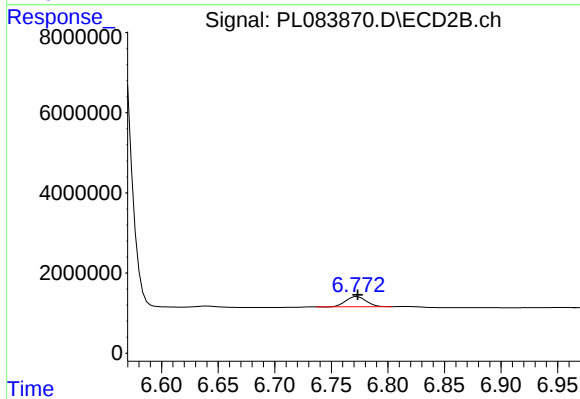
#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 122480450
Conc: 255.57 ng/ml



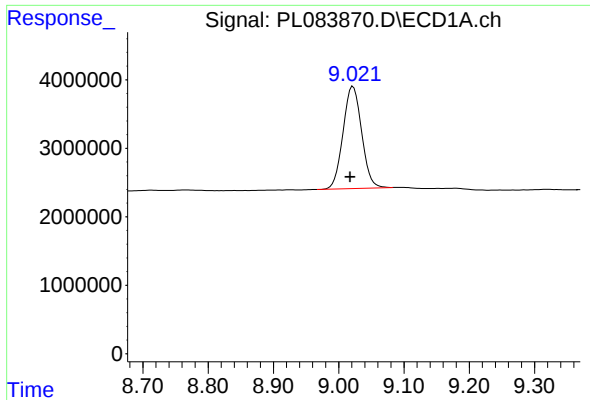
#21 Endrin ketone

R.T.: 7.593 min
Delta R.T.: 0.002 min
Response: 4446586
Conc: 2.54 ng/ml m



#21 Endrin ketone

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 3147640
Conc: 2.44 ng/ml



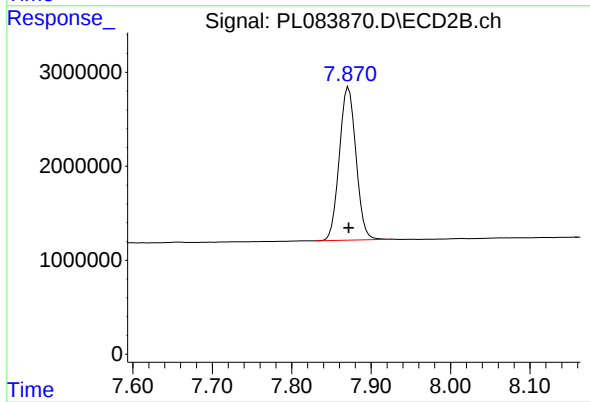
#28 Decachlorobiphenyl

R.T.: 9.022 min
Delta R.T.: 0.005 min
Response: 29505972
Conc: 22.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.872 min
Delta R.T.: 0.000 min
Response: 23775760
Conc: 21.40 ng/ml