

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080223\
 Data File : PL084419.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2023 08:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/02/2023
 Supervised By : Ankita Jodhani 08/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 21:18:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080123.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 01 05:59:40 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...	3.477	2.687	46177525	20725538	19.986	18.957
28)	SA Decachlor...	9.026	7.869	33415178	24511624	21.758	20.045
Target Compounds							
2)	A alpha-BHC	3.935	3.192	31703898	14149137	9.297	8.639
3)	MA gamma-BHC...	4.268	3.523	30396146	13321984	9.291	8.359
6)	B beta-BHC	4.468	3.824	15305612	6975015	10.602	10.049
14)	MA Endrin	6.526	5.563	97140437	57506669	44.186	45.856
16)	A 4,4'-DDD	6.668	5.722	1515137	428919	0.927	0.410m#
17)	MA 4,4'-DDT	6.983	5.976	182.4E6	118.9E6	102.423	99.829
18)	B Endrin al...	6.877	6.043	2696496	1763249	1.632	1.751
20)	A Methoxychlor	7.465	6.561	219.2E6	153.1E6	237.360	218.600
21)	B Endrin ke...	7.595	6.770	4237505	2902305	2.128m	1.978m

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

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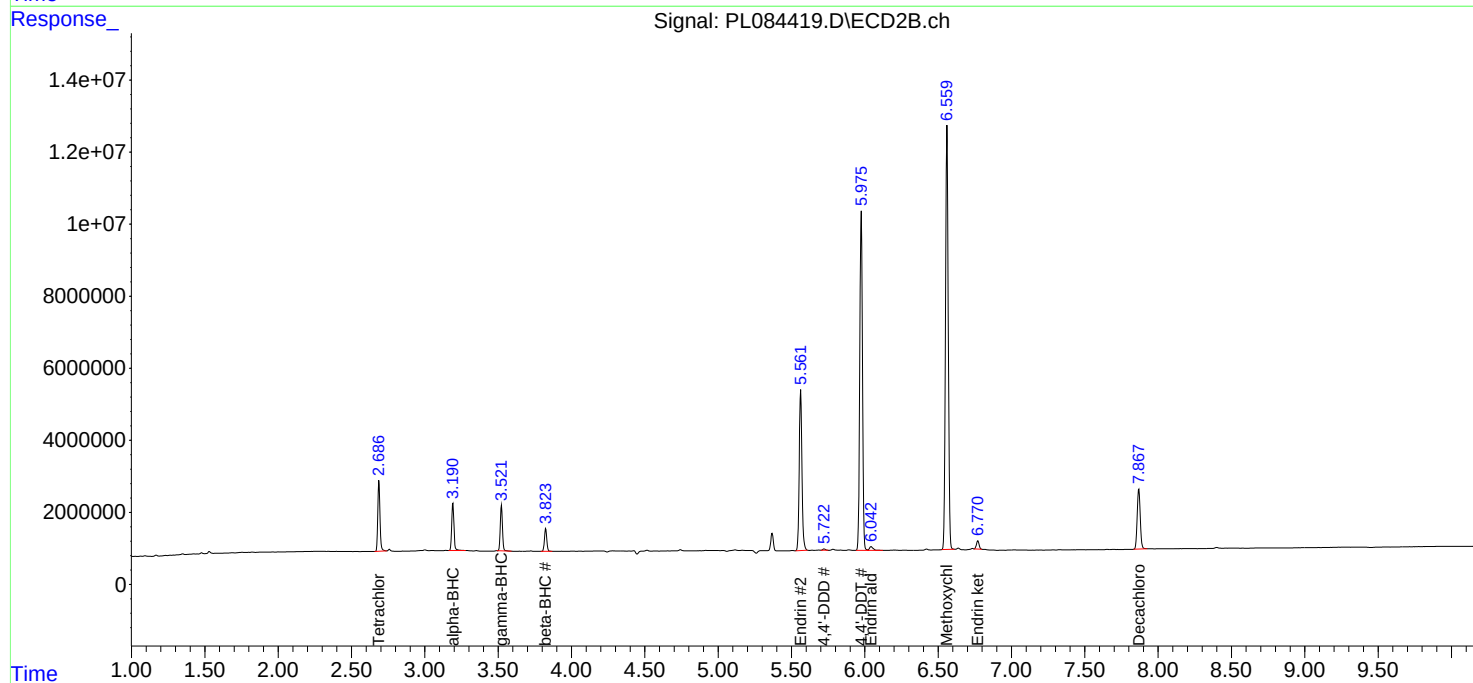
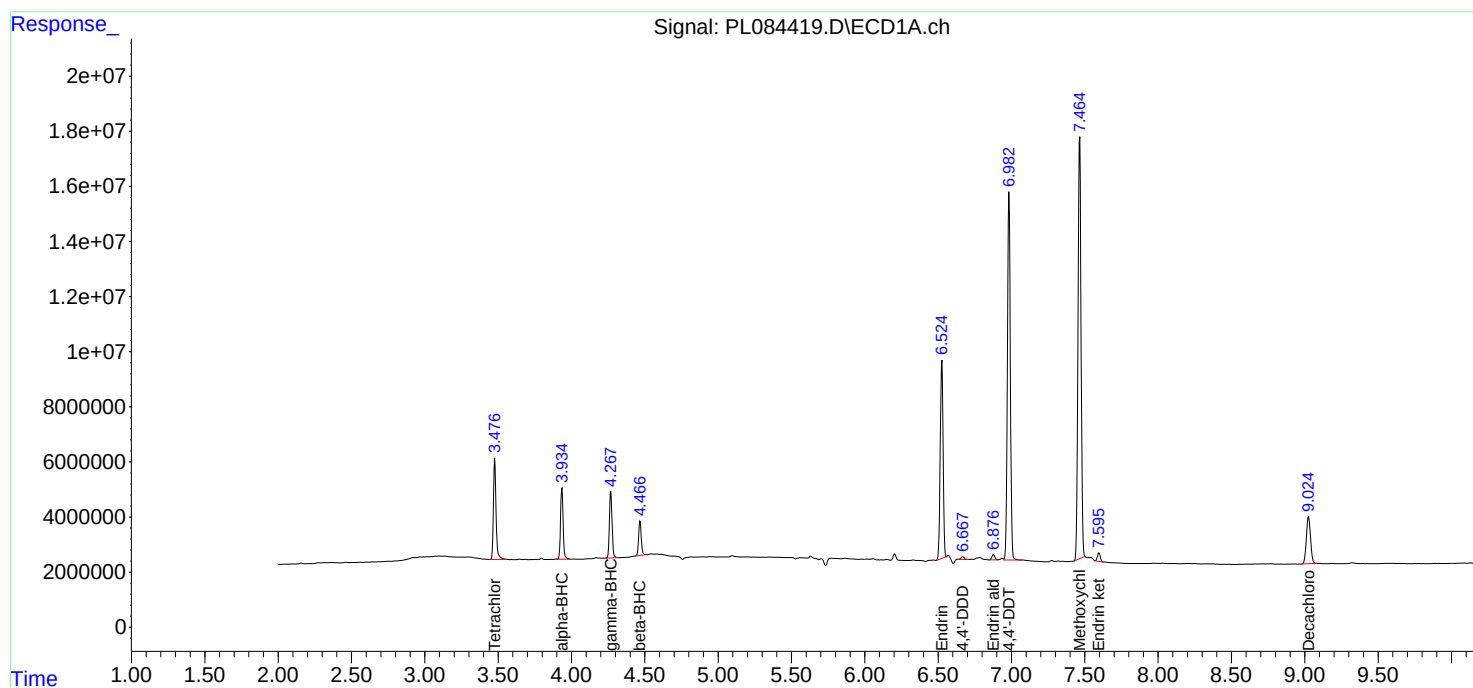
Instrument :
ECD_L
ClientSampleId :
PEM

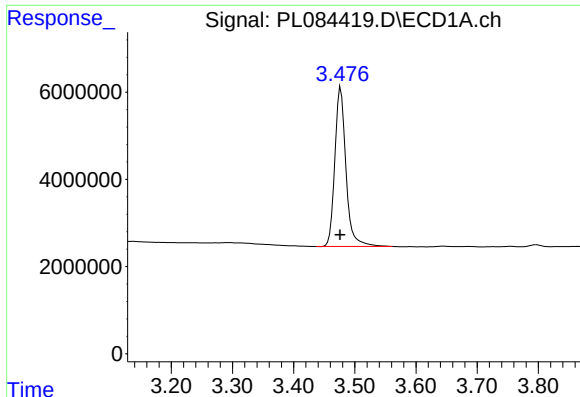
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Integration File signal 1: autoint1.e
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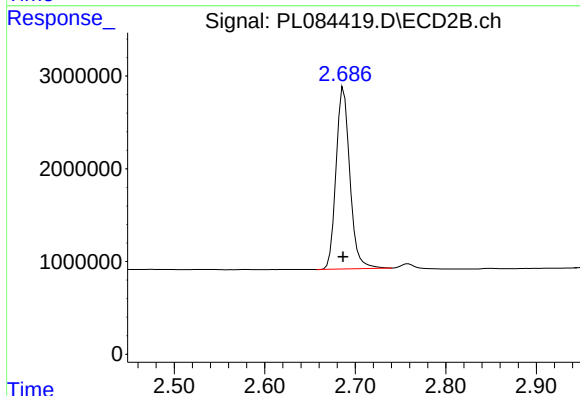
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.000 min
Response: 46177525
Conc: 19.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

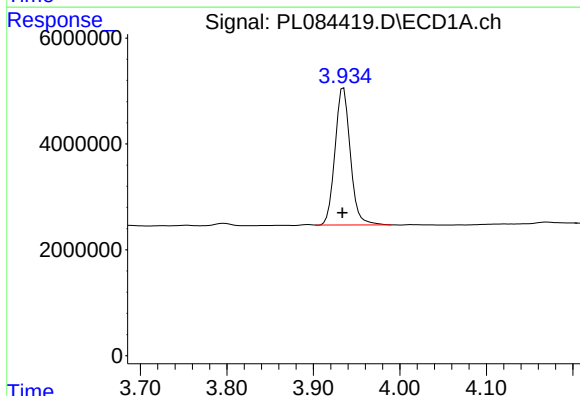
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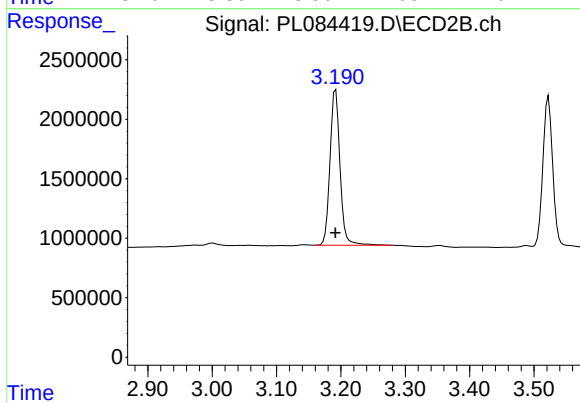
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: 0.000 min
Response: 20725538
Conc: 18.96 ng/ml



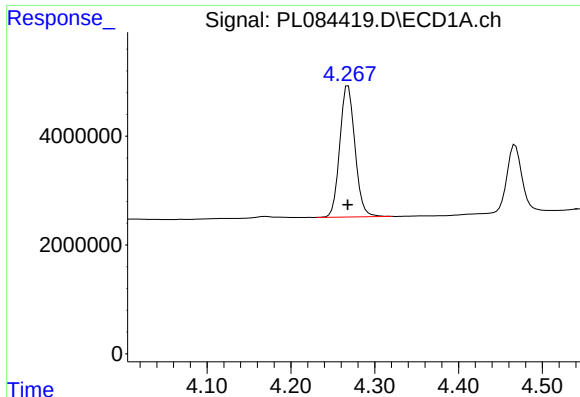
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.001 min
Response: 31703898
Conc: 9.30 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 14149137
Conc: 8.64 ng/ml



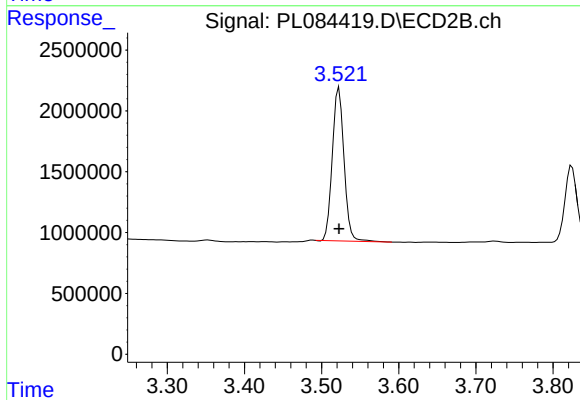
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 30396146
Conc: 9.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

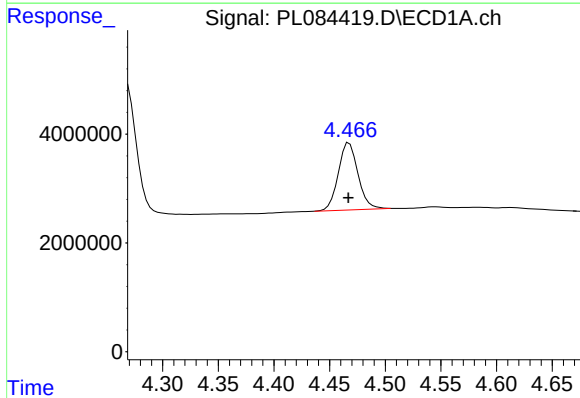
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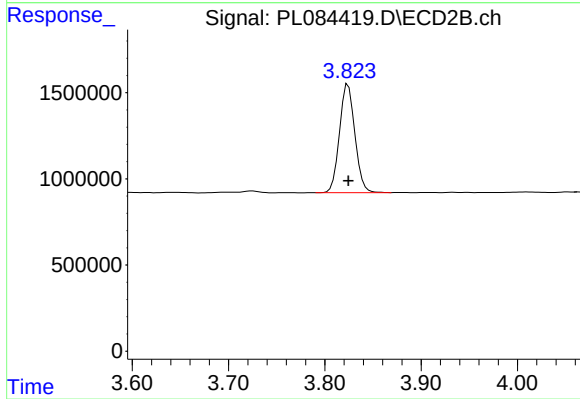
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 13321984
Conc: 8.36 ng/ml



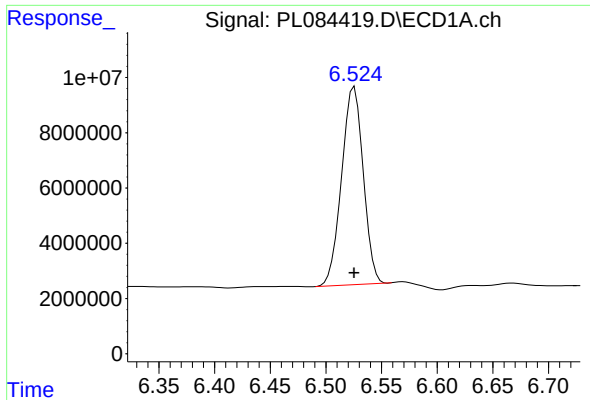
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 15305612
Conc: 10.60 ng/ml



#6 beta-BHC

R.T.: 3.824 min
Delta R.T.: 0.000 min
Response: 6975015
Conc: 10.05 ng/ml



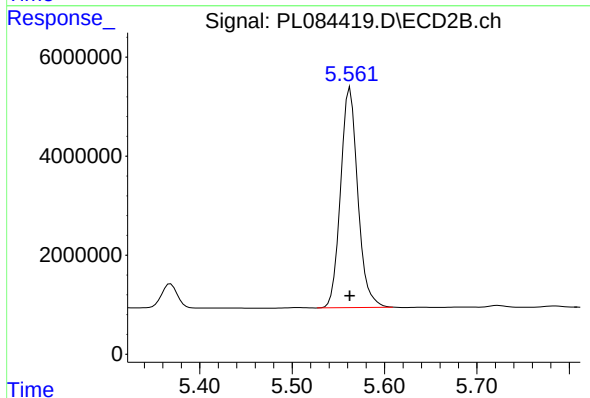
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 97140437
Conc: 44.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

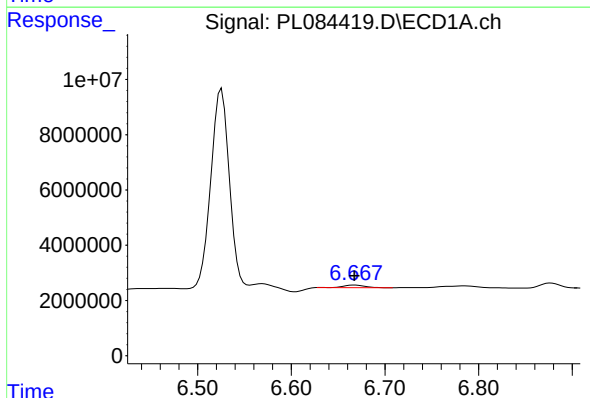
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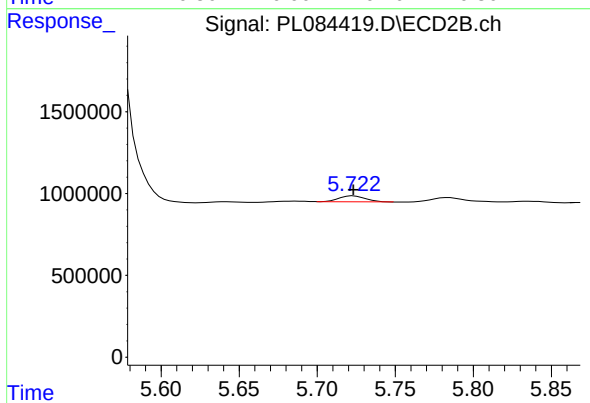
#14 Endrin

R.T.: 5.563 min
Delta R.T.: 0.000 min
Response: 57506669
Conc: 45.86 ng/ml



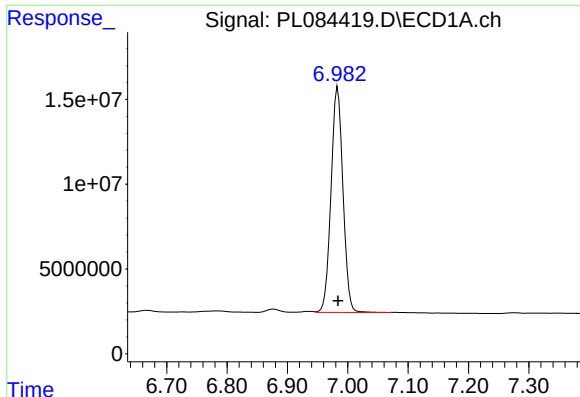
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 1515137
Conc: 0.93 ng/ml



#16 4,4'-DDD

R.T.: 5.722 min
Delta R.T.: -0.001 min
Response: 428919
Conc: 0.41 ng/ml m



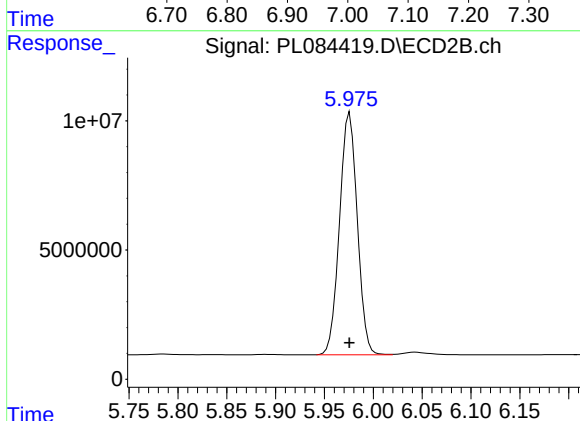
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 182436283
Conc: 102.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

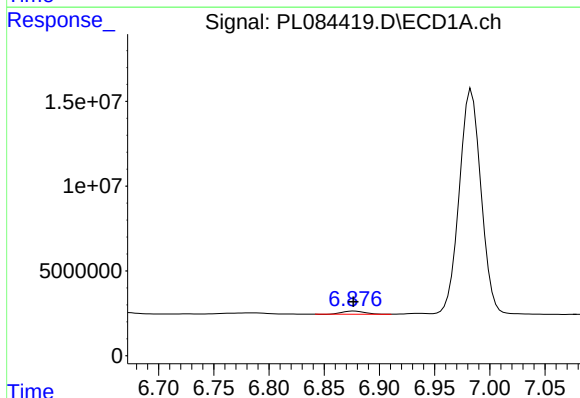
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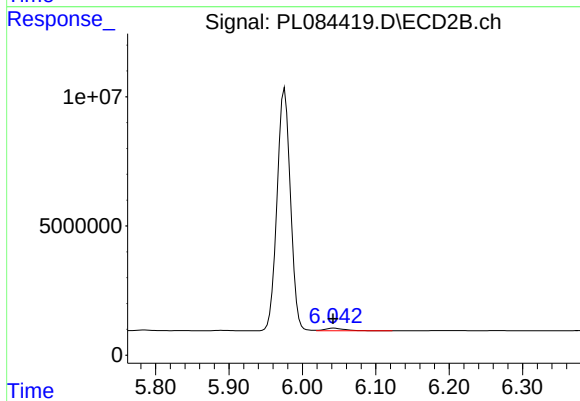
#17 4,4'-DDT

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 118927889
Conc: 99.83 ng/ml



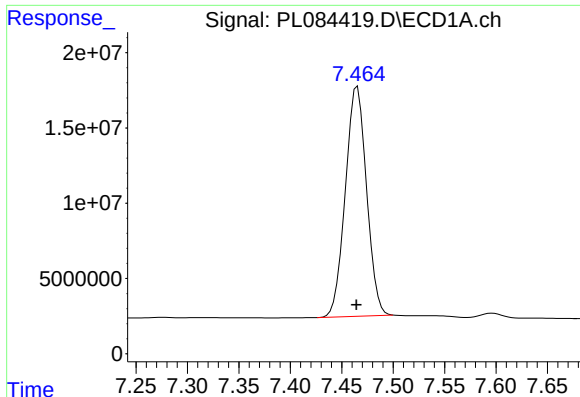
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 2696496
Conc: 1.63 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 1763249
Conc: 1.75 ng/ml



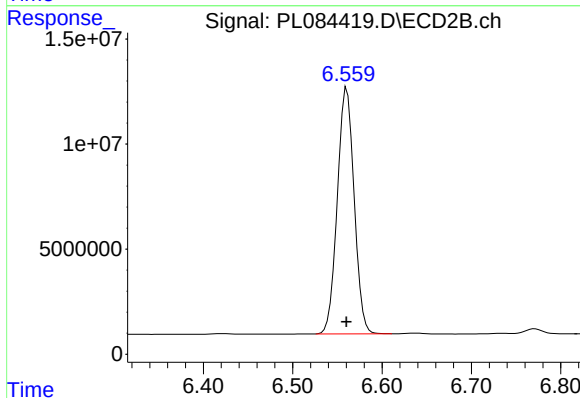
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 219230121
Conc: 237.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

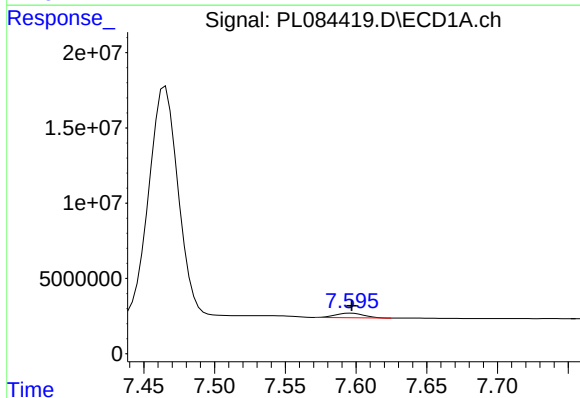
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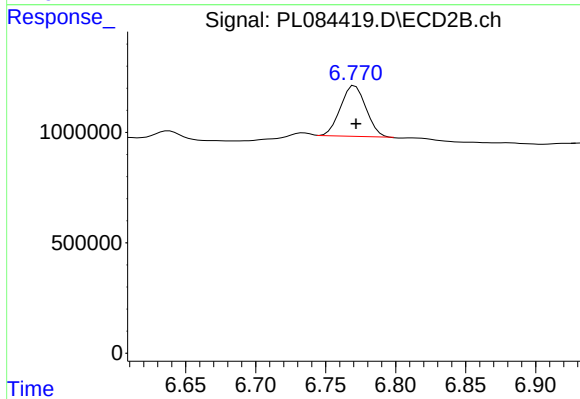
#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 153147333
Conc: 218.60 ng/ml



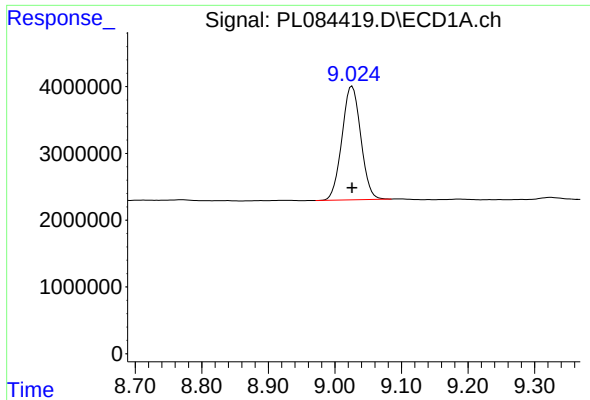
#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: -0.002 min
Response: 4237505
Conc: 2.13 ng/ml m



#21 Endrin ketone

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 2902305
Conc: 1.98 ng/ml m



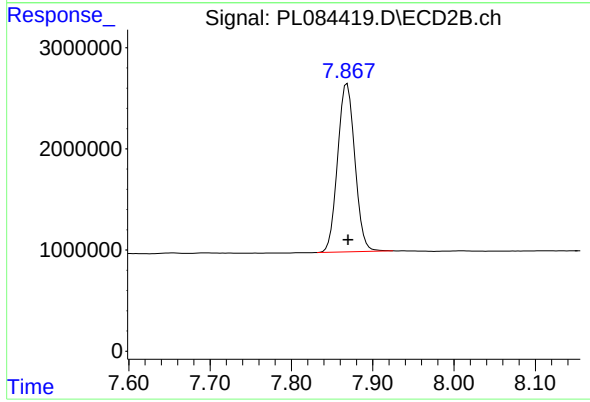
#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.000 min
Response: 33415178
Conc: 21.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: 0.000 min
Response: 24511624
Conc: 20.05 ng/ml