

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102022\
 Data File : PL078425.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2022 09:07
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/21/2022
 Supervised By : Ankita Jodhani 10/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 12:34:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101222.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 12 15:30:54 2022
 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...	3.415	2.623	36794079	59987631	22.264	22.694
28)	SA Decachlor...	8.906	7.718	28610009	43899769	18.532	20.195
Target Compounds							
2)	A alpha-BHC	3.880	3.115	27203994	46552586	10.818	11.184
3)	MA gamma-BHC...	4.217	3.438	25003631	40927707	10.722	11.745
6)	B beta-BHC	4.430	3.739	10973100	18880955	11.033	12.807
14)	MA Endrin	6.460	5.443	73374148	136.2E6	49.172	59.113
16)	A 4,4'-DDD	6.602	5.599	2329173	4621083	1.892m	2.075m
17)	MA 4,4'-DDT	6.913	5.848	148.5E6	251.7E6	101.415	110.870
18)	B Endrin al...	6.821	5.920	1580781	3225817	1.381m	1.743 #
20)	A Methoxychlor	7.394	6.426	163.6E6	303.5E6	215.964	240.300
21)	B Endrin ke...	7.541	6.638	4562355	10990320	2.924m	4.148m#

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

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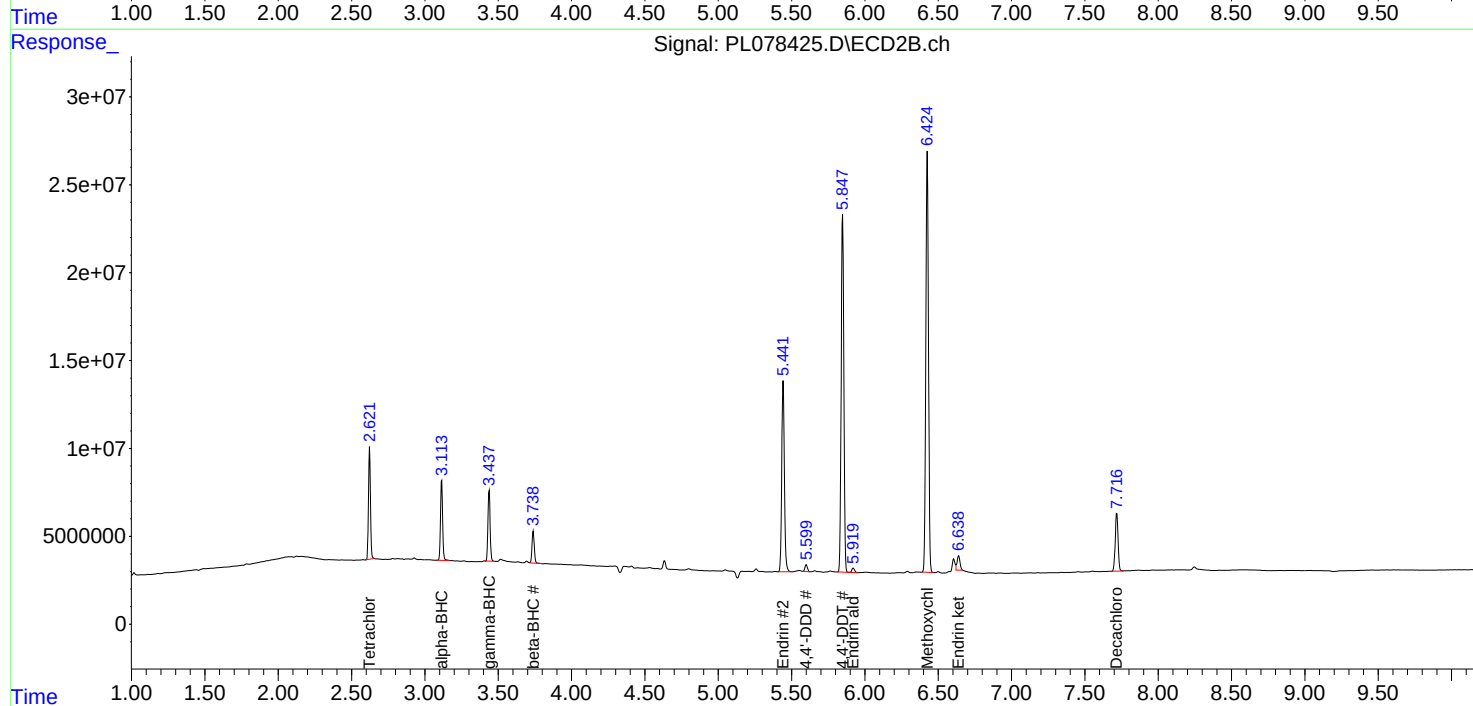
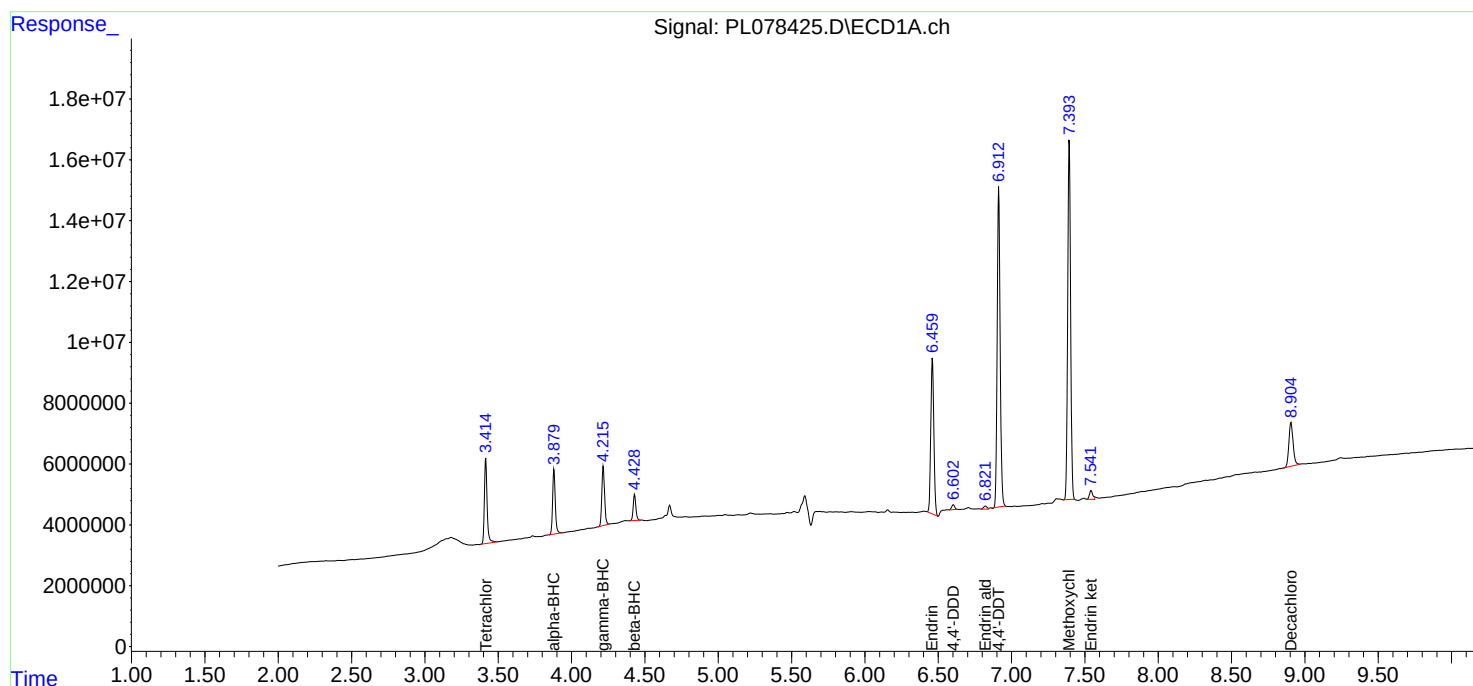
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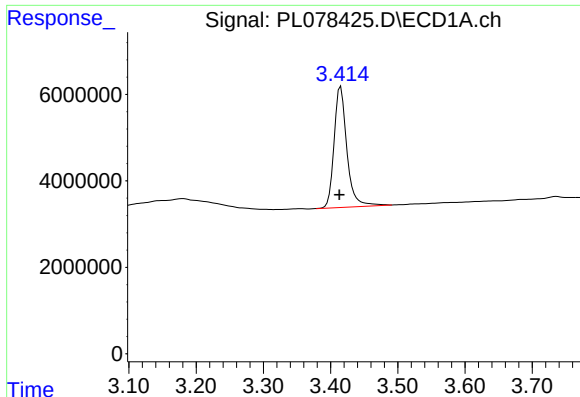
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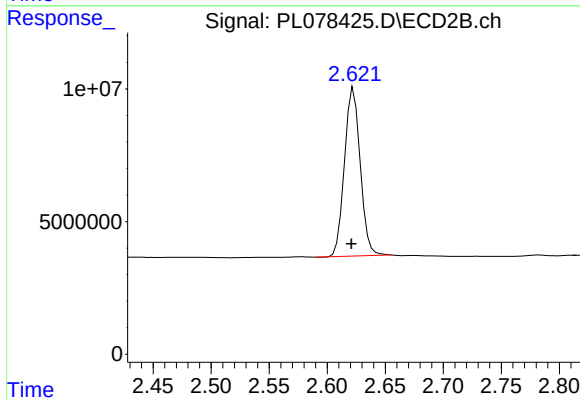
#1 Tetrachloro-m-xylene

R.T.: 3.415 min
Delta R.T.: 0.002 min
Response: 36794079
Conc: 22.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

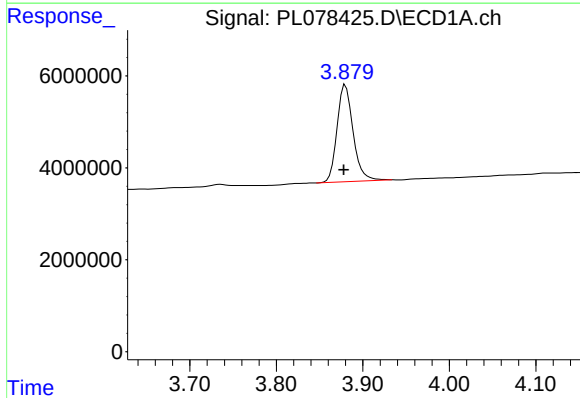
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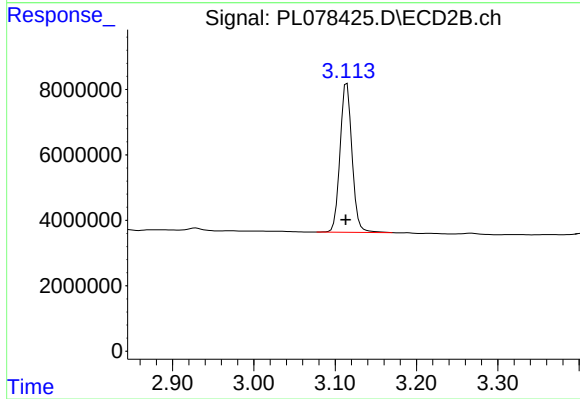
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: 0.002 min
Response: 59987631
Conc: 22.69 ng/ml



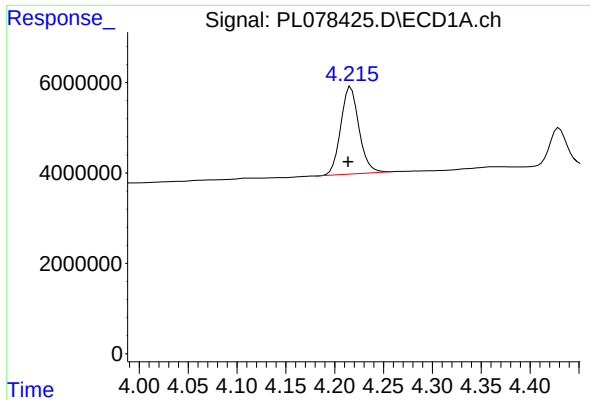
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.002 min
Response: 27203994
Conc: 10.82 ng/ml



#2 alpha-BHC

R.T.: 3.115 min
Delta R.T.: 0.002 min
Response: 46552586
Conc: 11.18 ng/ml



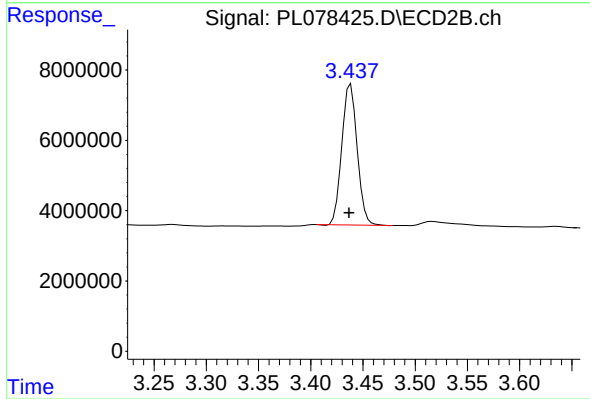
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: 0.003 min
Response: 25003631
Conc: 10.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

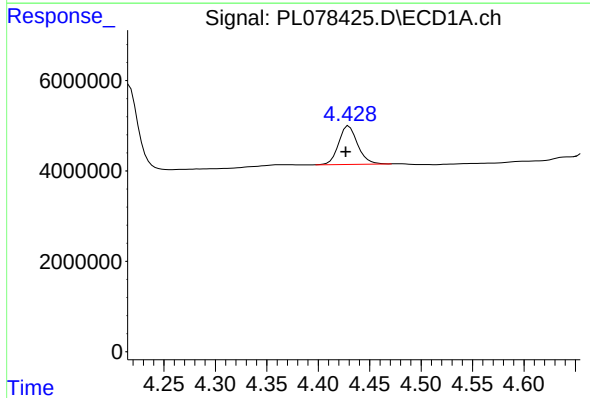
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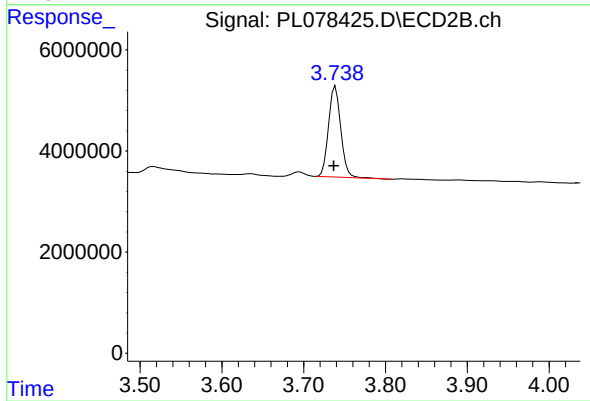
#3 gamma-BHC (Lindane)

R.T.: 3.438 min
Delta R.T.: 0.002 min
Response: 40927707
Conc: 11.75 ng/ml



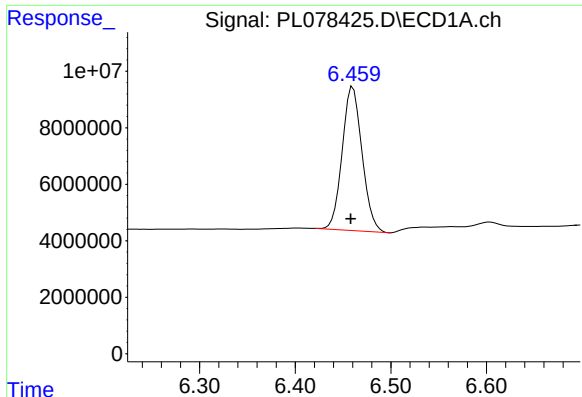
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: 0.003 min
Response: 10973100
Conc: 11.03 ng/ml



#6 beta-BHC

R.T.: 3.739 min
Delta R.T.: 0.002 min
Response: 18880955
Conc: 12.81 ng/ml



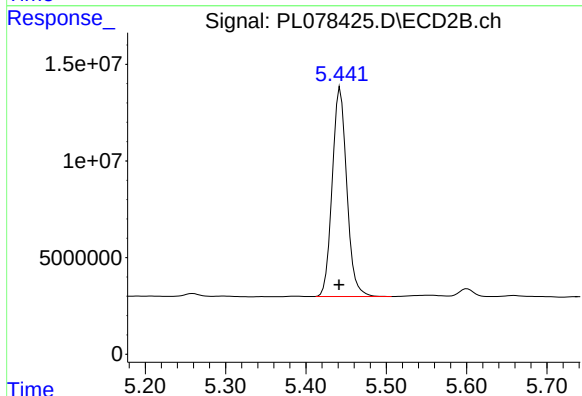
#14 Endrin

R.T.: 6.460 min
Delta R.T.: 0.002 min
Response: 73374148
Conc: 49.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

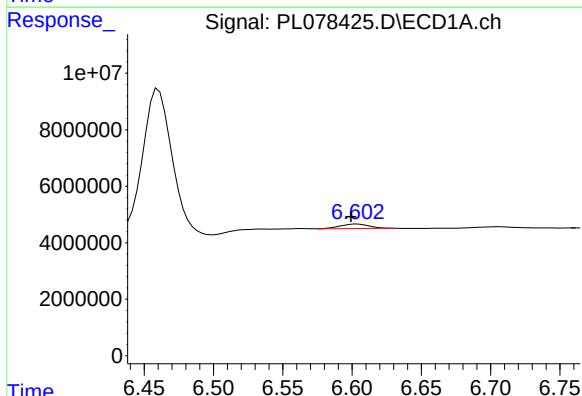
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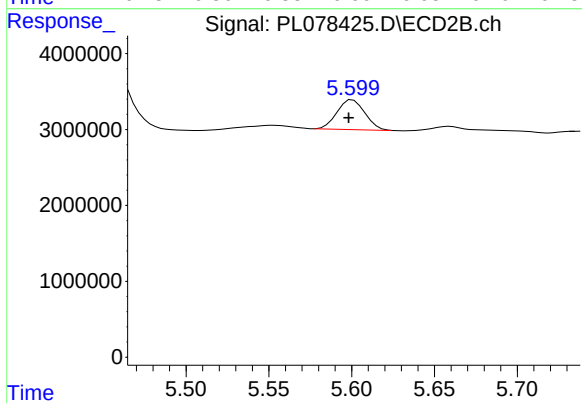
#14 Endrin

R.T.: 5.443 min
Delta R.T.: 0.002 min
Response: 136160863
Conc: 59.11 ng/ml



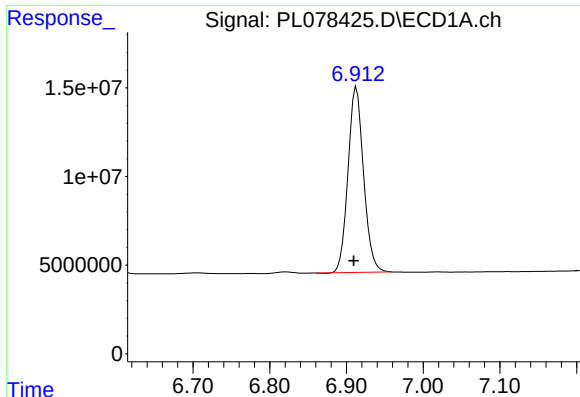
#16 4,4'-DDD

R.T.: 6.602 min
Delta R.T.: 0.003 min
Response: 2329173
Conc: 1.89 ng/ml m



#16 4,4'-DDD

R.T.: 5.599 min
Delta R.T.: 0.000 min
Response: 4621083
Conc: 2.07 ng/ml m



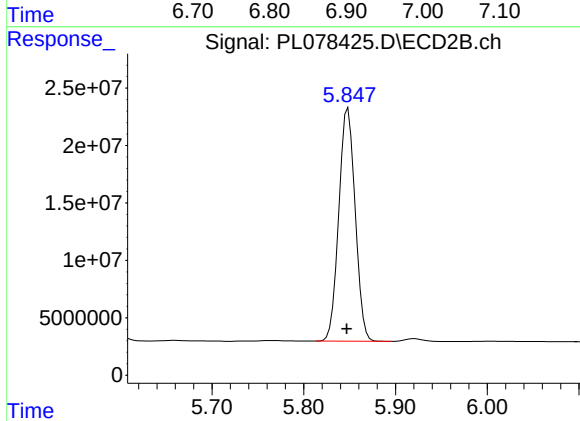
#17 4,4'-DDT

R.T.: 6.913 min
Delta R.T.: 0.004 min
Response: 148466620
Conc: 101.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

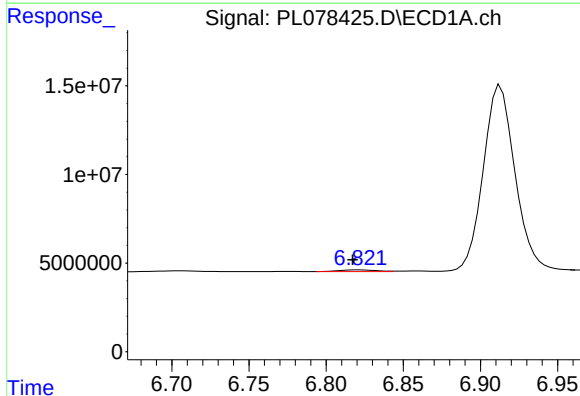
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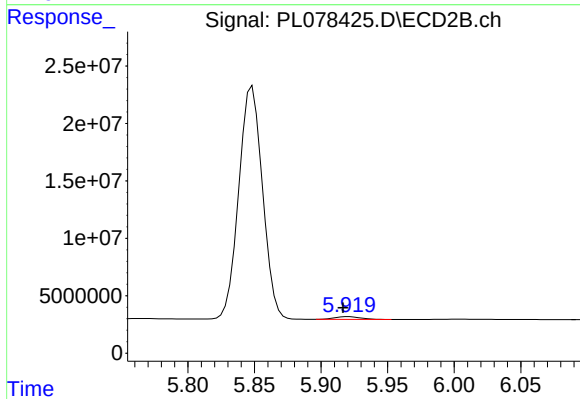
#17 4,4'-DDT

R.T.: 5.848 min
Delta R.T.: 0.001 min
Response: 251664632
Conc: 110.87 ng/ml



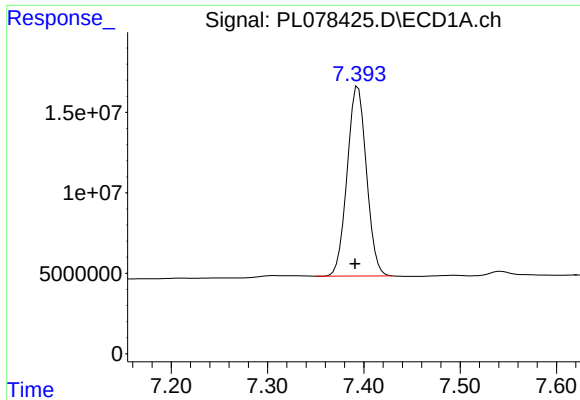
#18 Endrin aldehyde

R.T.: 6.821 min
Delta R.T.: 0.004 min
Response: 1580781
Conc: 1.38 ng/ml m



#18 Endrin aldehyde

R.T.: 5.920 min
Delta R.T.: 0.004 min
Response: 3225817
Conc: 1.74 ng/ml



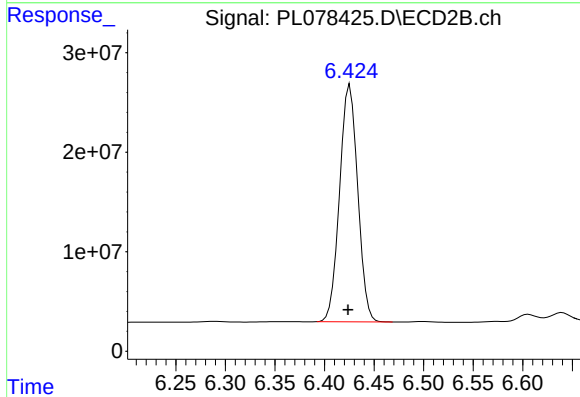
#20 Methoxychlor

R.T.: 7.394 min
Delta R.T.: 0.003 min
Response: 163638401
Conc: 215.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

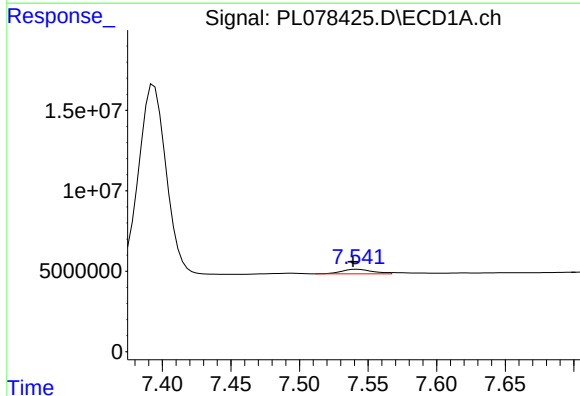
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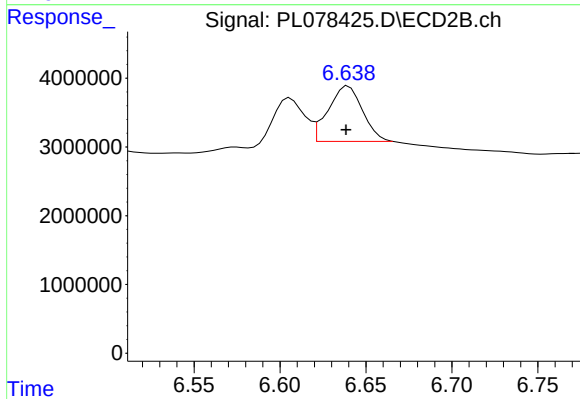
#20 Methoxychlor

R.T.: 6.426 min
Delta R.T.: 0.002 min
Response: 303502070
Conc: 240.30 ng/ml



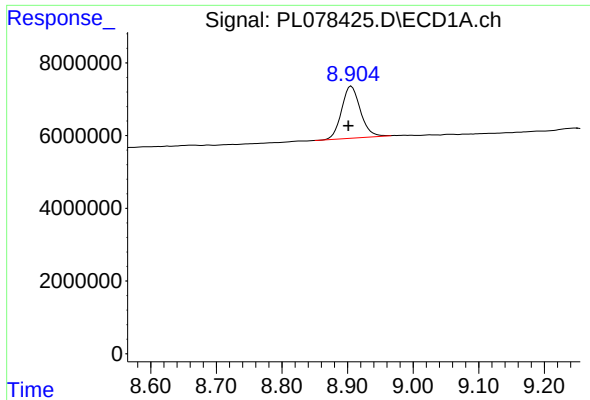
#21 Endrin ketone

R.T.: 7.541 min
Delta R.T.: 0.002 min
Response: 4562355
Conc: 2.92 ng/ml m



#21 Endrin ketone

R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 10990320
Conc: 4.15 ng/ml m



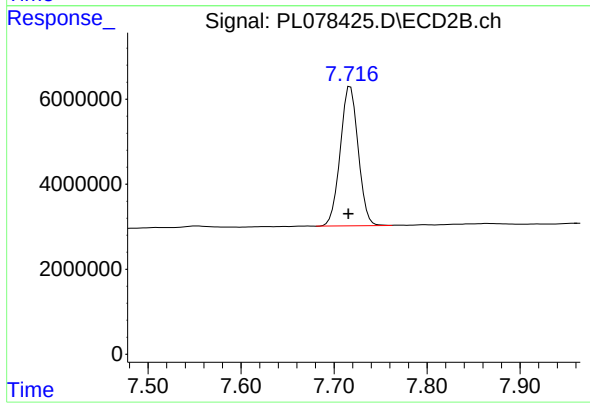
#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: 0.005 min
Response: 28610009
Conc: 18.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.718 min
Delta R.T.: 0.002 min
Response: 43899769
Conc: 20.19 ng/ml