

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL083122\
 Data File : PL077394.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Aug 2022 08:57
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/01/2022
 Supervised By :Ankita Jodhani 09/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 31 15:52:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:36:06 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...	3.418	2.631	27653911	56796328	20.324	18.481
28)	SA Decachlor...	8.910	7.735	23214872	46813903	19.810	16.777
Target Compounds							
2)	A alpha-BHC	3.883	3.124	18721760	41303500	10.106	9.459
3)	MA gamma-BHC...	4.219	3.449	18989225	38185772	10.848	9.775
6)	B beta-BHC	4.431	3.748	8126710	16694801	10.936	10.123
12)	B 4,4'-DDE	6.077	5.064	335585	525263	0.259m	0.163m#
14)	MA Endrin	6.465	5.458	56914580	120.9E6	48.243	44.235
16)	A 4,4'-DDD	6.604	5.615	6776717	18388486	6.634m	6.877
17)	MA 4,4'-DDT	6.916	5.863	97207436	213.8E6	87.022	81.171
18)	B Endrin al...	6.823	5.932	2086715	4629303	2.286	2.212m
20)	A Methoxychlor	7.397	6.441	130.4E6	269.3E6	216.498	190.917
21)	B Endrin ke...	7.545	6.653	5671053	16626858	4.649	5.772m

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

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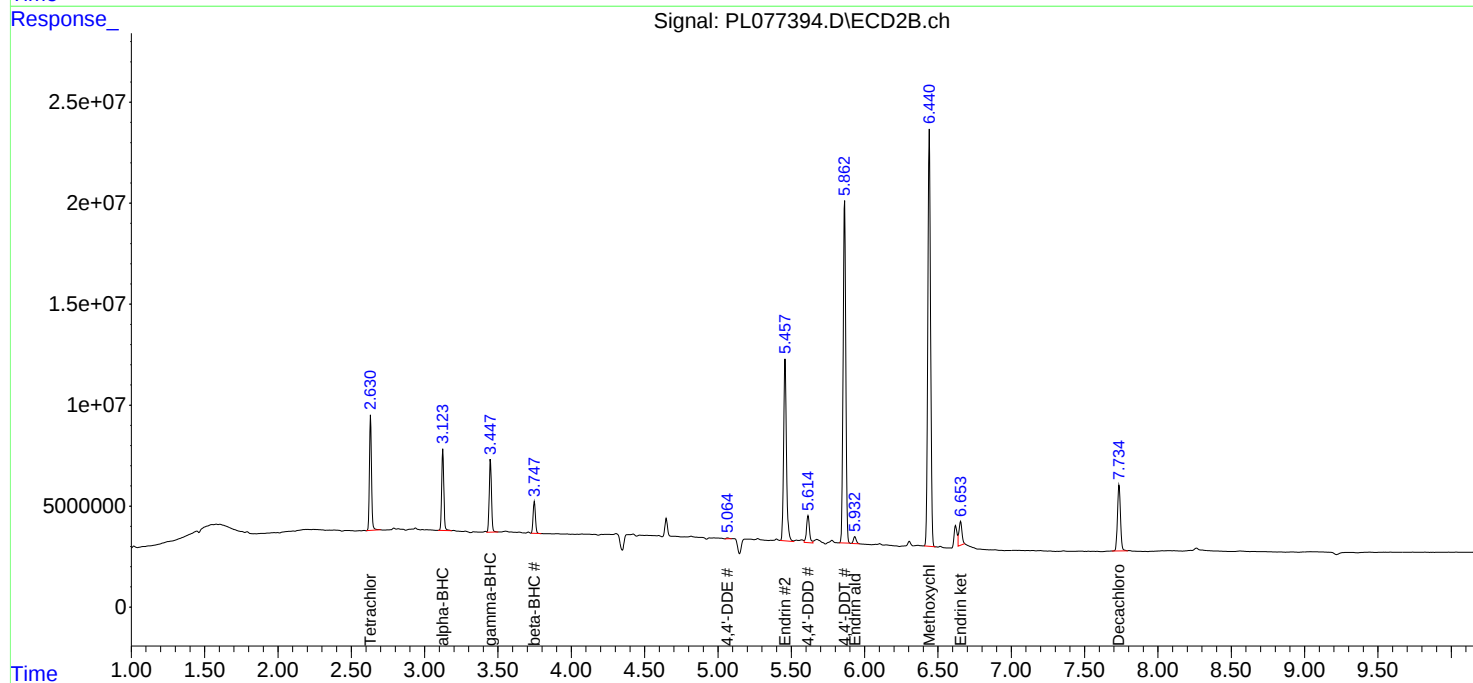
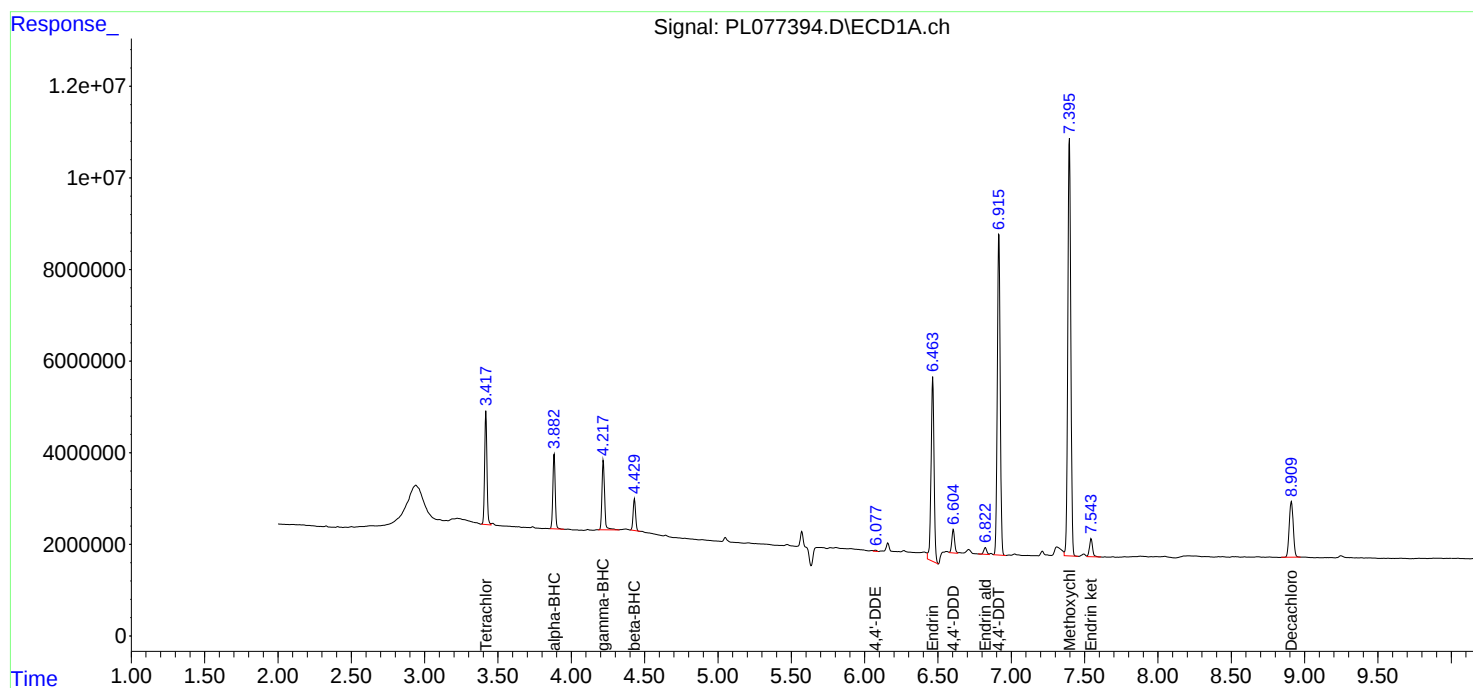
Instrument :
ECD_L
ClientSampleId :
PEM

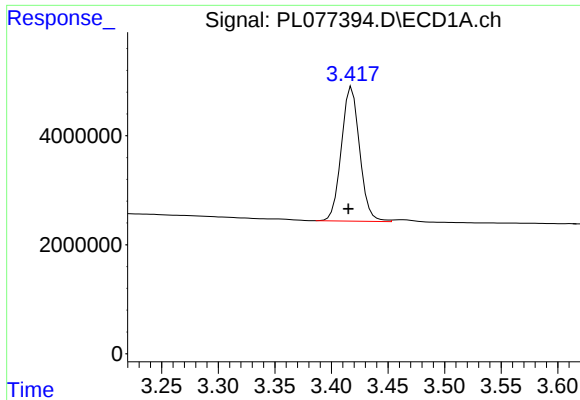
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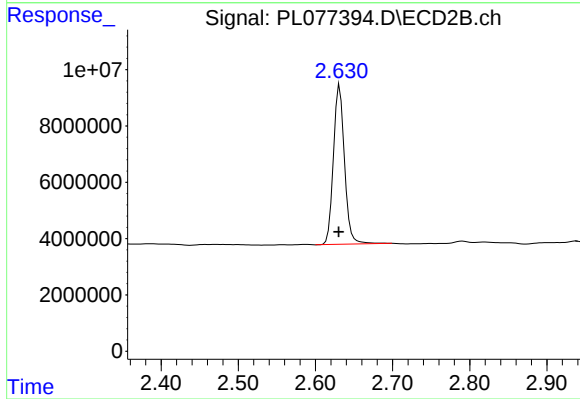
#1 Tetrachloro-m-xylene

R.T.: 3.418 min
Delta R.T.: 0.003 min
Response: 27653911
Conc: 20.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

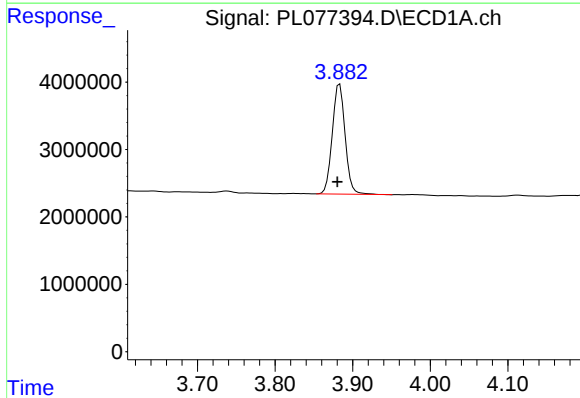
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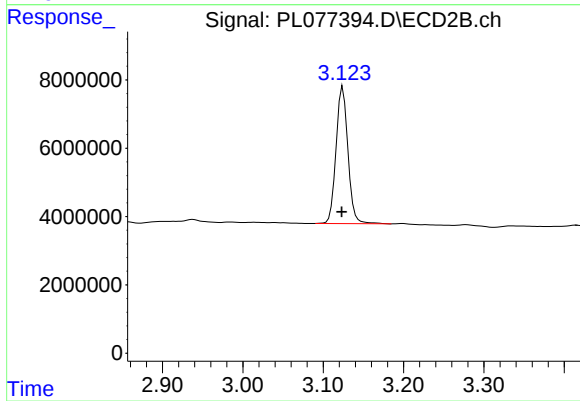
#1 Tetrachloro-m-xylene

R.T.: 2.631 min
Delta R.T.: 0.001 min
Response: 56796328
Conc: 18.48 ng/ml



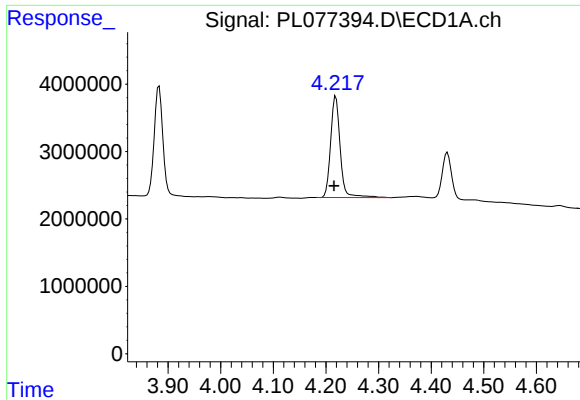
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: 0.003 min
Response: 18721760
Conc: 10.11 ng/ml



#2 alpha-BHC

R.T.: 3.124 min
Delta R.T.: 0.001 min
Response: 41303500
Conc: 9.46 ng/ml



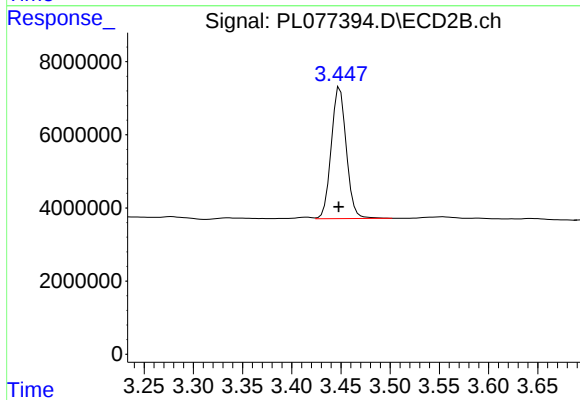
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.003 min
Response: 18989225
Conc: 10.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

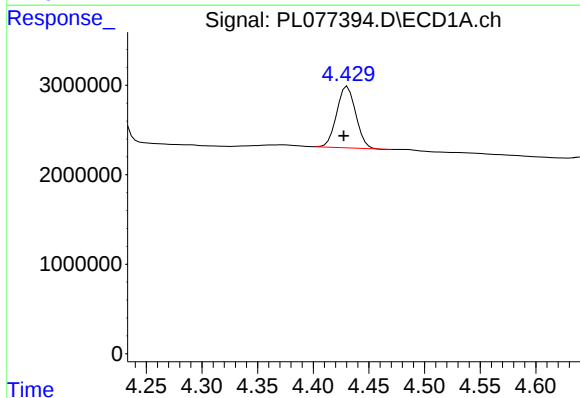
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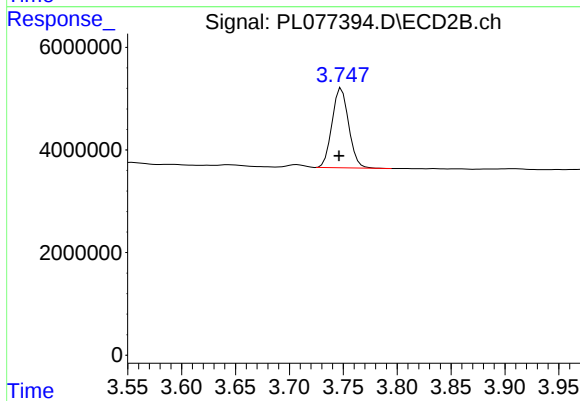
#3 gamma-BHC (Lindane)

R.T.: 3.449 min
Delta R.T.: 0.001 min
Response: 38185772
Conc: 9.77 ng/ml



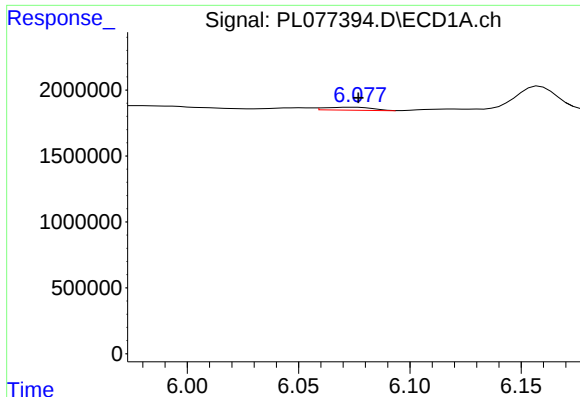
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.003 min
Response: 8126710
Conc: 10.94 ng/ml



#6 beta-BHC

R.T.: 3.748 min
Delta R.T.: 0.002 min
Response: 16694801
Conc: 10.12 ng/ml



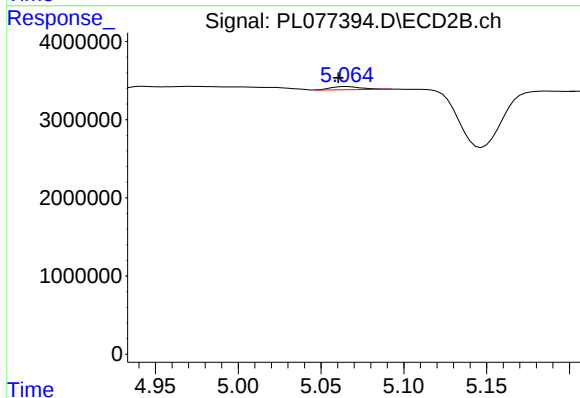
#12 4,4'-DDE

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 335585
Conc: 0.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

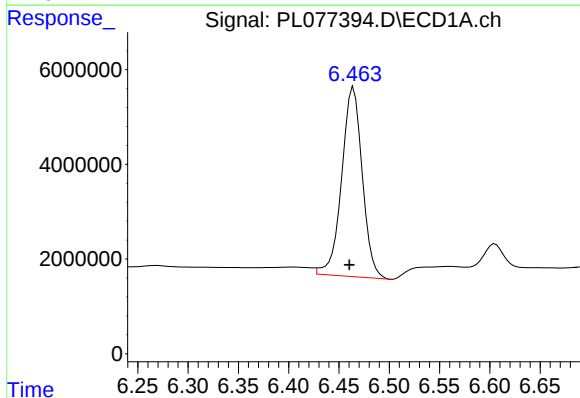
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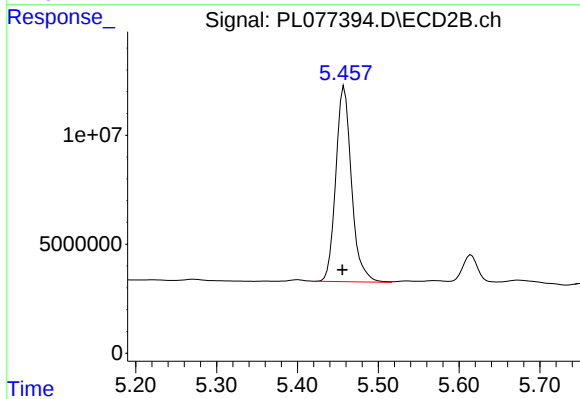
#12 4,4'-DDE

R.T.: 5.064 min
Delta R.T.: 0.004 min
Response: 525263
Conc: 0.16 ng/ml m



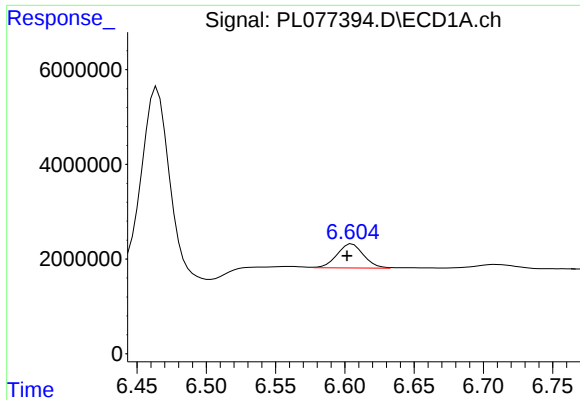
#14 Endrin

R.T.: 6.465 min
Delta R.T.: 0.004 min
Response: 56914580
Conc: 48.24 ng/ml



#14 Endrin

R.T.: 5.458 min
Delta R.T.: 0.003 min
Response: 120932654
Conc: 44.23 ng/ml



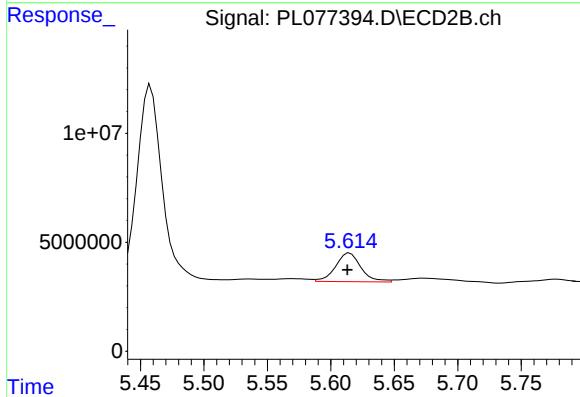
#16 4,4'-DDD

R.T.: 6.604 min
Delta R.T.: 0.002 min
Response: 6776717
Conc: 6.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

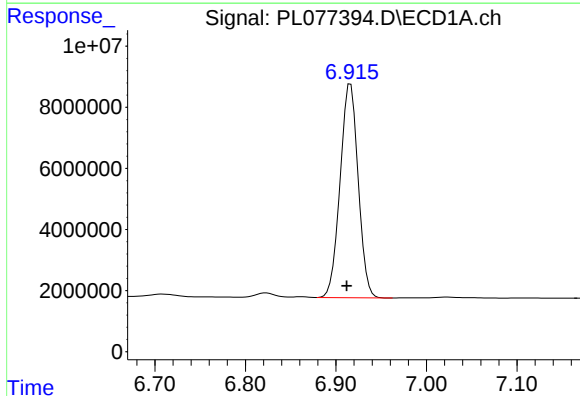
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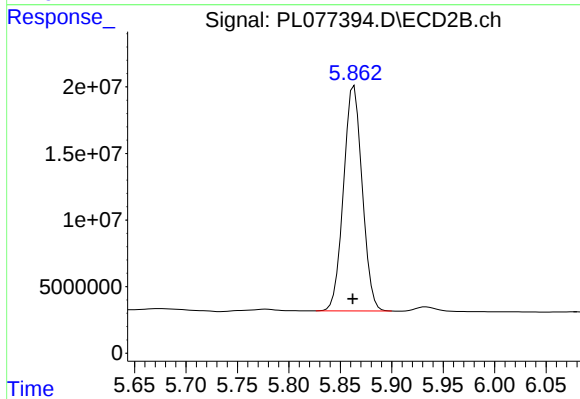
#16 4,4'-DDD

R.T.: 5.615 min
Delta R.T.: 0.002 min
Response: 18388486
Conc: 6.88 ng/ml



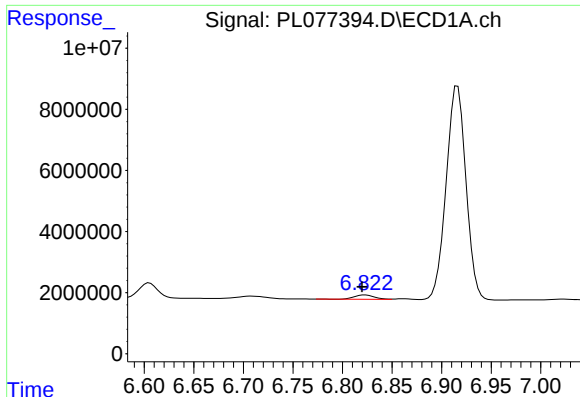
#17 4,4'-DDT

R.T.: 6.916 min
Delta R.T.: 0.004 min
Response: 97207436
Conc: 87.02 ng/ml



#17 4,4'-DDT

R.T.: 5.863 min
Delta R.T.: 0.001 min
Response: 213818664
Conc: 81.17 ng/ml



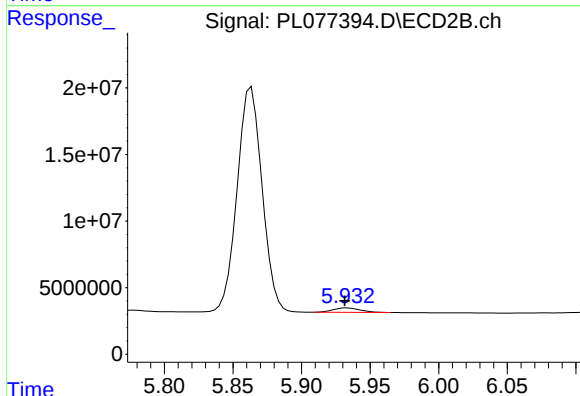
#18 Endrin aldehyde

R.T.: 6.823 min
Delta R.T.: 0.003 min
Response: 2086715
Conc: 2.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

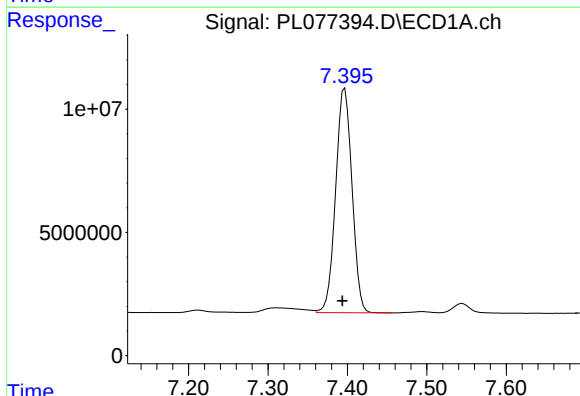
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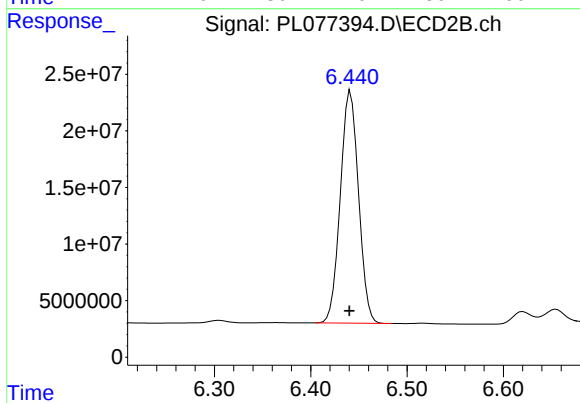
#18 Endrin aldehyde

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 4629303
Conc: 2.21 ng/ml m



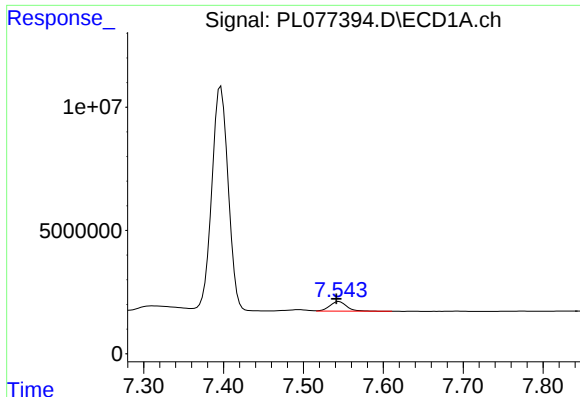
#20 Methoxychlor

R.T.: 7.397 min
Delta R.T.: 0.003 min
Response: 130383900
Conc: 216.50 ng/ml



#20 Methoxychlor

R.T.: 6.441 min
Delta R.T.: 0.001 min
Response: 269335607
Conc: 190.92 ng/ml



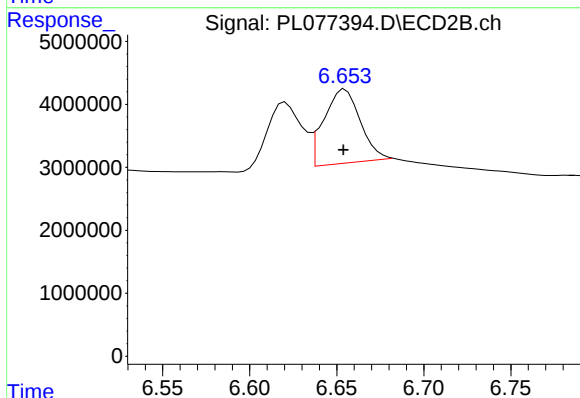
#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: 0.004 min
Response: 5671053
Conc: 4.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

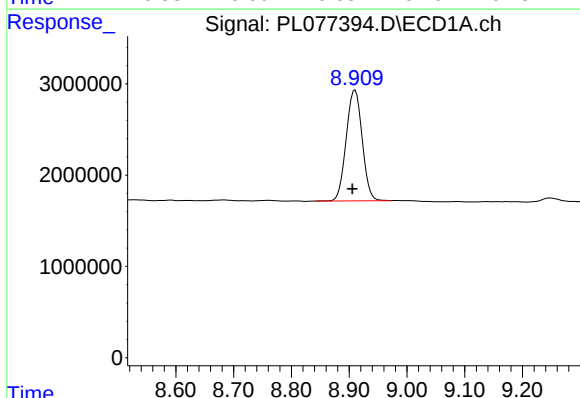
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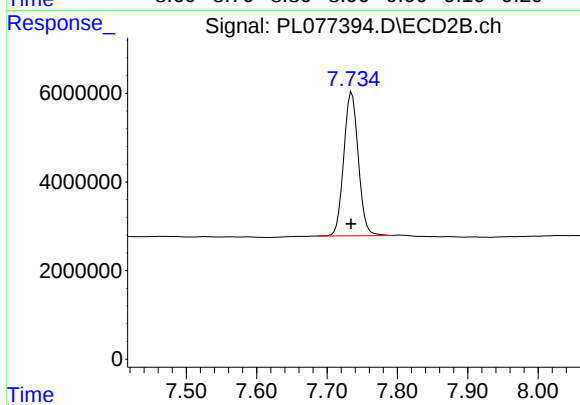
#21 Endrin ketone

R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 16626858
Conc: 5.77 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.910 min
Delta R.T.: 0.005 min
Response: 23214872
Conc: 19.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.735 min
Delta R.T.: 0.001 min
Response: 46813903
Conc: 16.78 ng/ml