

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091522\
 Data File : PL077760.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2022 10:38
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/16/2022
 Supervised By : Ankita Jodhani 09/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 15 15:05:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 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...	3.421	2.625	34994978	59586713	21.831	20.071
28)	SA Decachlor...	8.908	7.725	29781551	52607610	23.043	20.957
Target Compounds							
2)	A alpha-BHC	3.886	3.118	24258711	44538522	10.222	9.821
3)	MA gamma-BHC...	4.221	3.442	21329155	39612447	9.641	9.809
6)	B beta-BHC	4.434	3.742	9230882	17774534	9.498	10.677
14)	MA Endrin	6.466	5.450	59233352	132.7E6	42.830	46.528
16)	A 4,4'-DDD	6.612	5.619	694699	1286526	0.593m	0.497m
17)	MA 4,4'-DDT	6.917	5.855	147.0E6	284.1E6	116.025	107.828
18)	B Endrin al...	6.824	5.926	1434007	4196339	1.356	2.034 #
20)	A Methoxychlor	7.399	6.434	189.3E6	354.9E6	286.601	259.196
21)	B Endrin ke...	7.547	6.647	3917707	8738685	2.835	2.886

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

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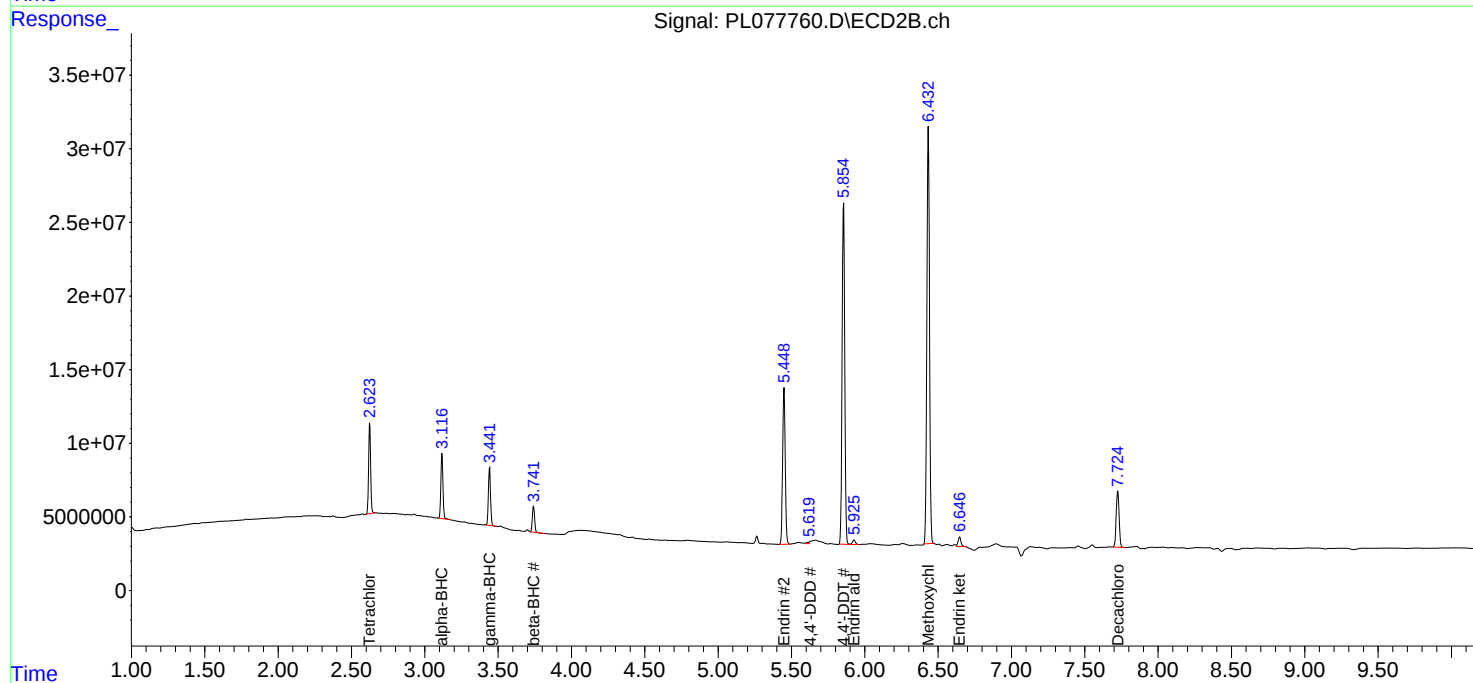
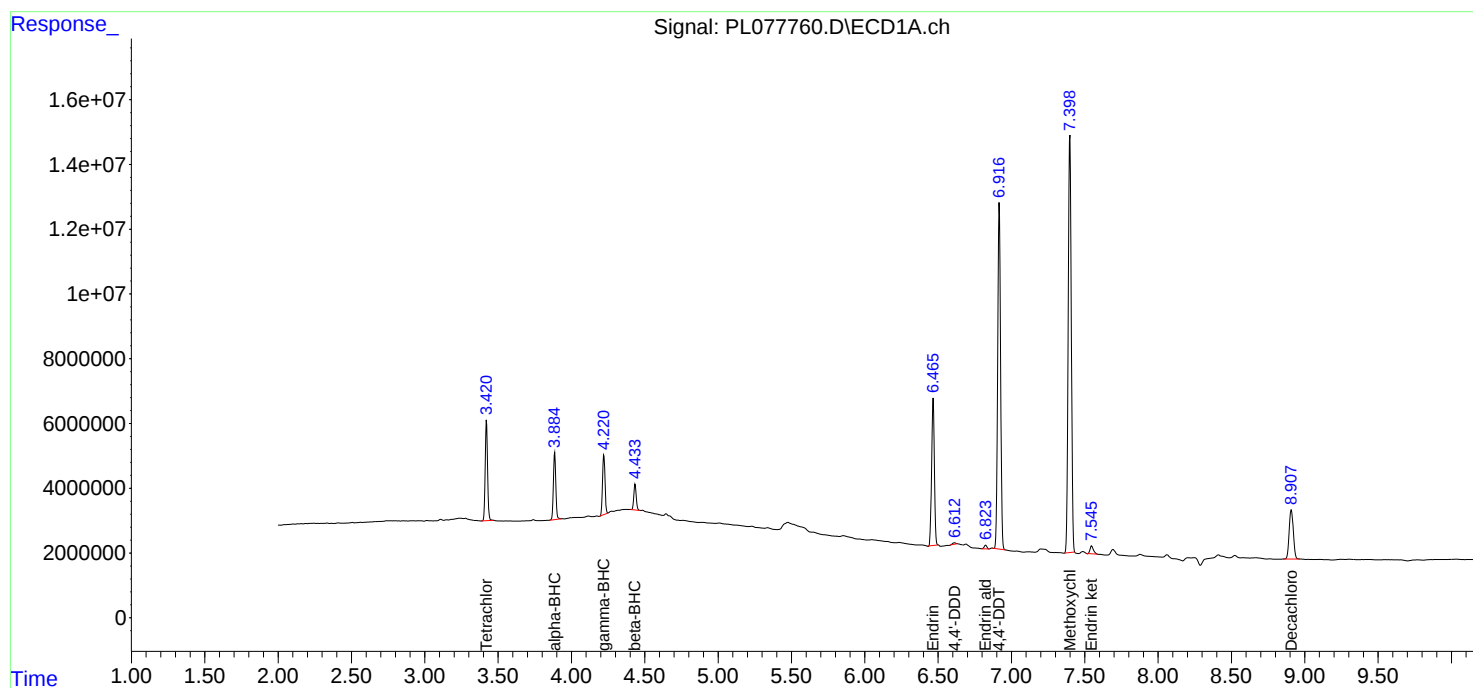
Instrument :
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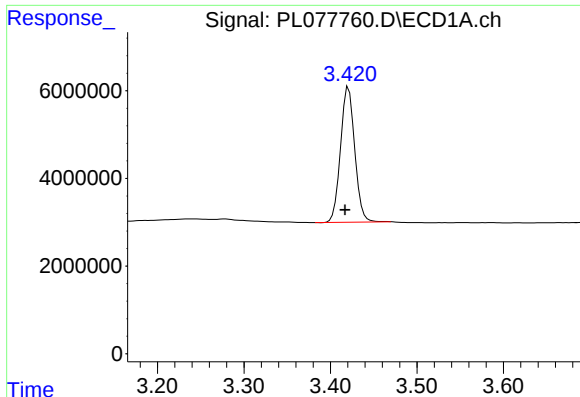
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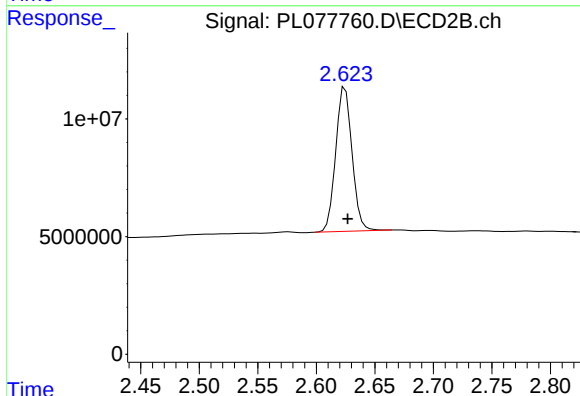
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: 0.004 min
Response: 34994978
Conc: 21.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

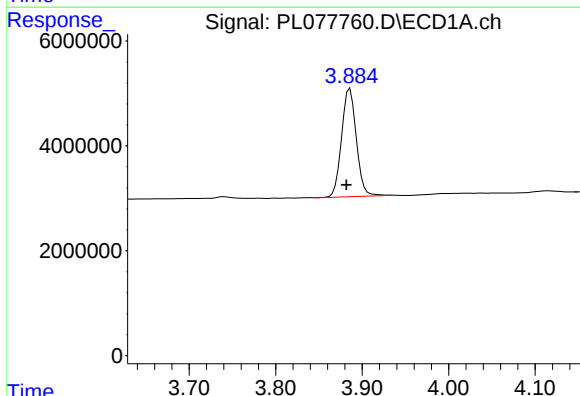
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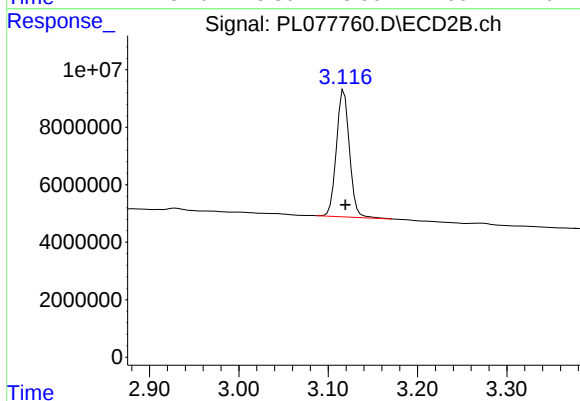
#1 Tetrachloro-m-xylene

R.T.: 2.625 min
Delta R.T.: -0.002 min
Response: 59586713
Conc: 20.07 ng/ml



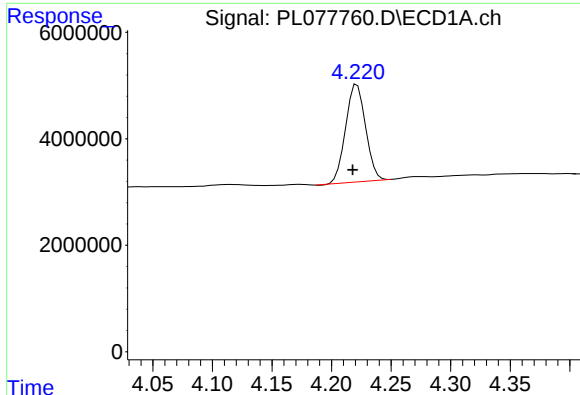
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: 0.004 min
Response: 24258711
Conc: 10.22 ng/ml



#2 alpha-BHC

R.T.: 3.118 min
Delta R.T.: -0.002 min
Response: 44538522
Conc: 9.82 ng/ml



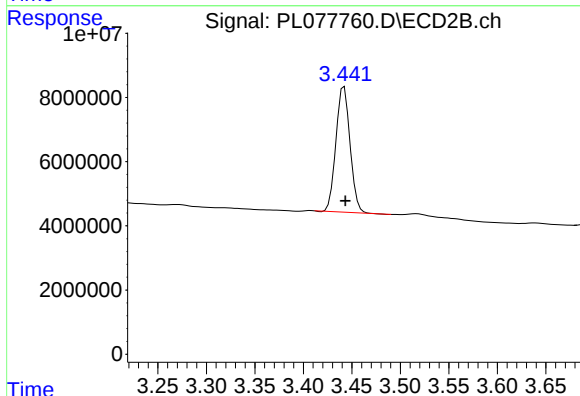
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.004 min
Response: 21329155
Conc: 9.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

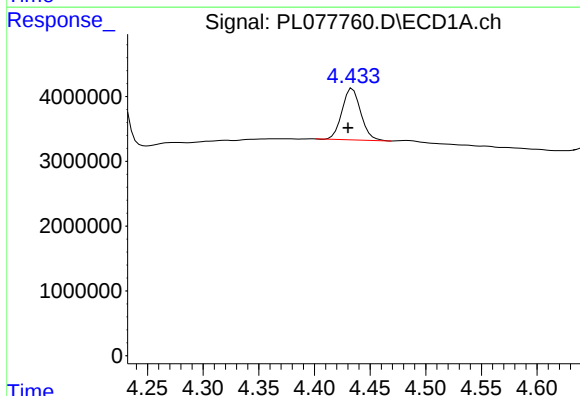
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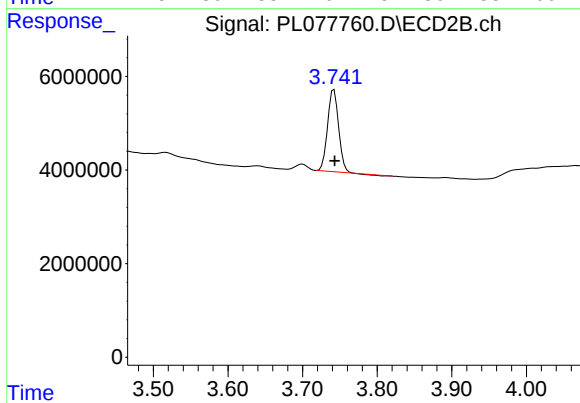
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.001 min
Response: 39612447
Conc: 9.81 ng/ml



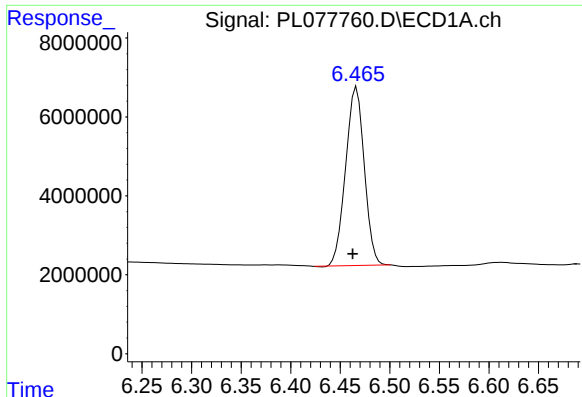
#6 beta-BHC

R.T.: 4.434 min
Delta R.T.: 0.004 min
Response: 9230882
Conc: 9.50 ng/ml



#6 beta-BHC

R.T.: 3.742 min
Delta R.T.: -0.001 min
Response: 17774534
Conc: 10.68 ng/ml



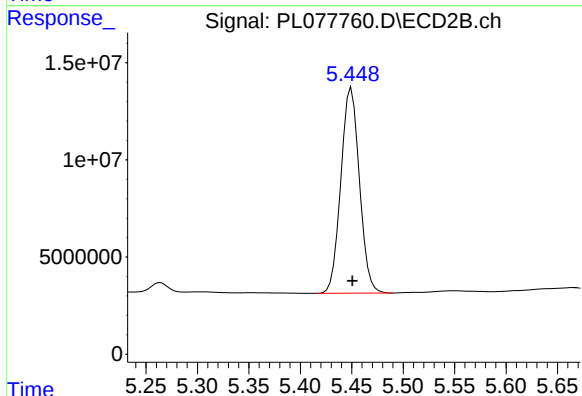
#14 Endrin

R.T.: 6.466 min
Delta R.T.: 0.004 min
Response: 59233352
Conc: 42.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

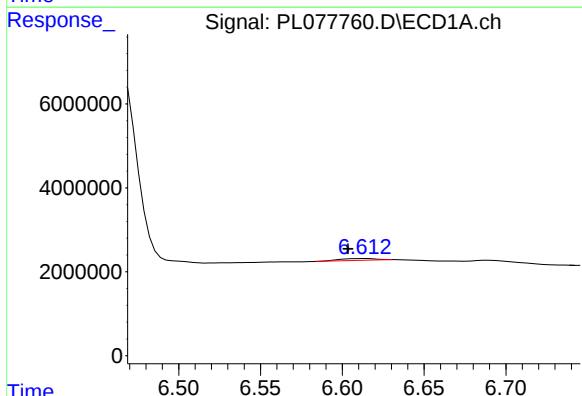
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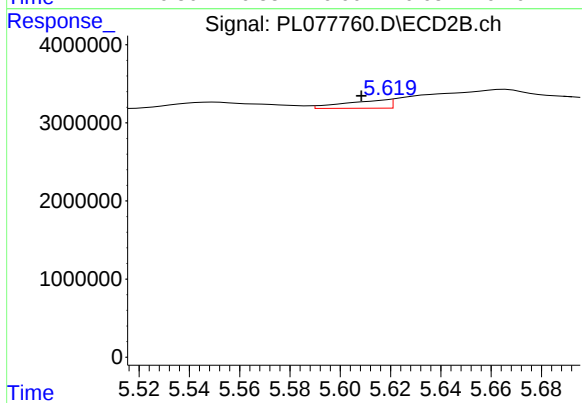
#14 Endrin

R.T.: 5.450 min
Delta R.T.: 0.000 min
Response: 132674384
Conc: 46.53 ng/ml



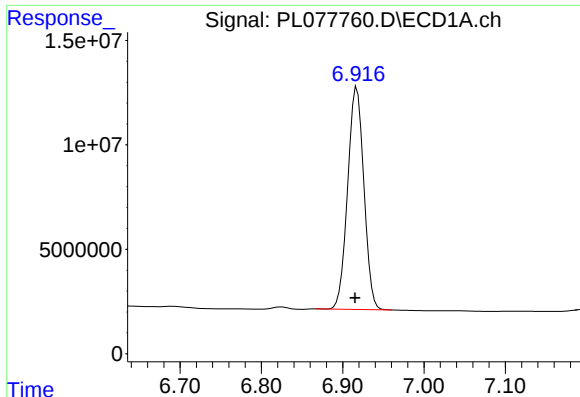
#16 4,4'-DDD

R.T.: 6.612 min
Delta R.T.: 0.009 min
Response: 694699
Conc: 0.59 ng/ml m



#16 4,4'-DDD

R.T.: 5.619 min
Delta R.T.: 0.010 min
Response: 1286526
Conc: 0.50 ng/ml m



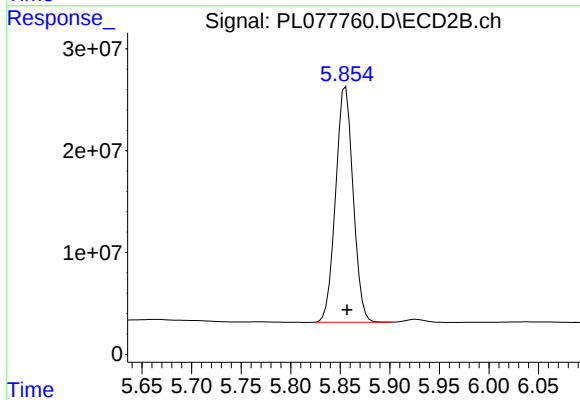
#17 4,4'-DDT

R.T.: 6.917 min
Delta R.T.: 0.002 min
Response: 147019634
Conc: 116.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

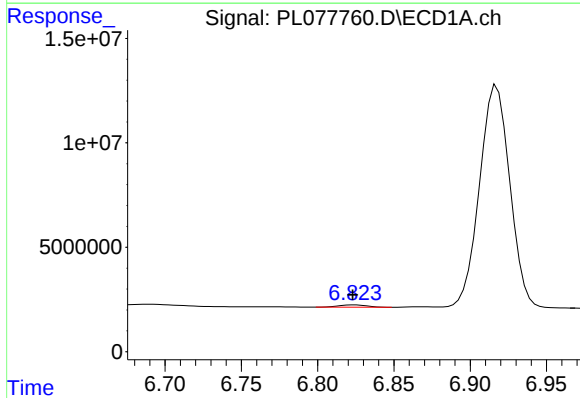
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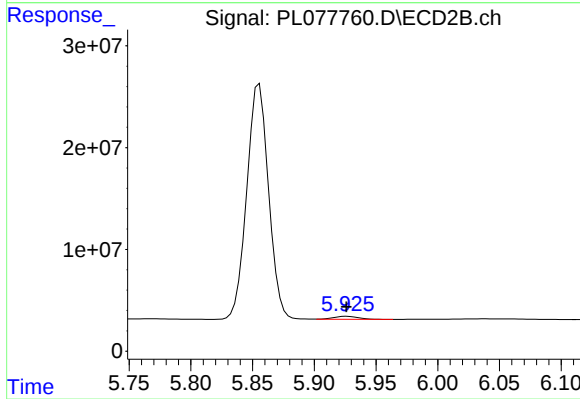
#17 4,4'-DDT

R.T.: 5.855 min
Delta R.T.: -0.002 min
Response: 284105927
Conc: 107.83 ng/ml



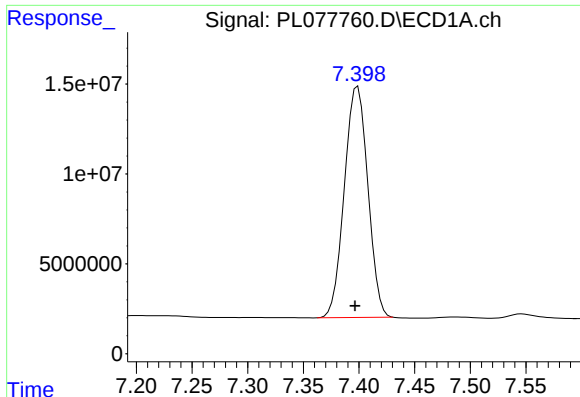
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: 0.001 min
Response: 1434007
Conc: 1.36 ng/ml



#18 Endrin aldehyde

R.T.: 5.926 min
Delta R.T.: 0.000 min
Response: 4196339
Conc: 2.03 ng/ml



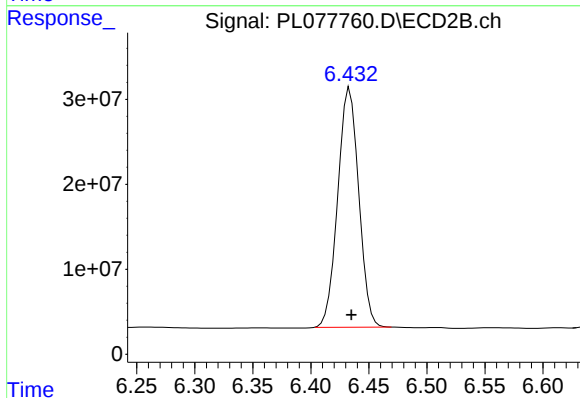
#20 Methoxychlor

R.T.: 7.399 min
Delta R.T.: 0.002 min
Response: 189285999
Conc: 286.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

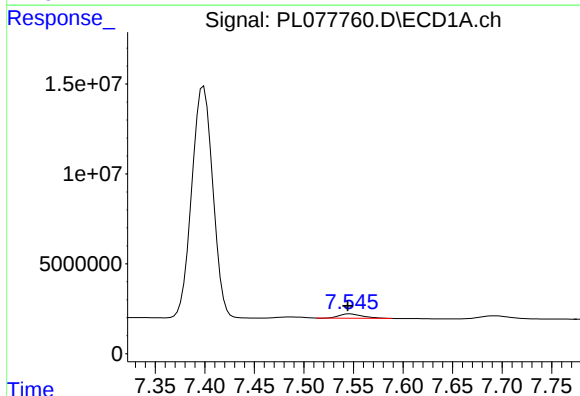
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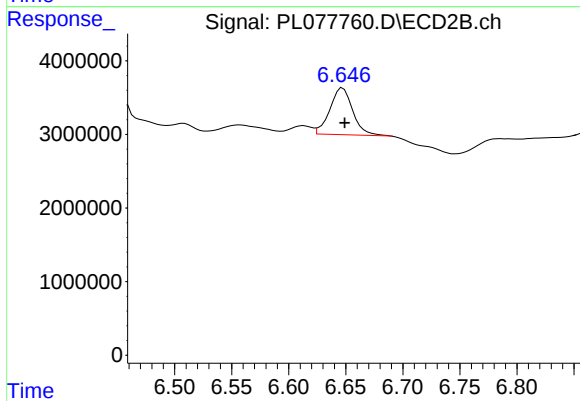
#20 Methoxychlor

R.T.: 6.434 min
Delta R.T.: -0.001 min
Response: 354949049
Conc: 259.20 ng/ml



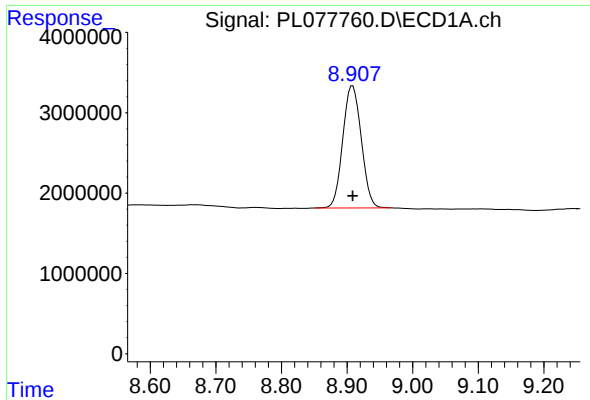
#21 Endrin ketone

R.T.: 7.547 min
Delta R.T.: 0.002 min
Response: 3917707
Conc: 2.84 ng/ml



#21 Endrin ketone

R.T.: 6.647 min
Delta R.T.: -0.002 min
Response: 8738685
Conc: 2.89 ng/ml



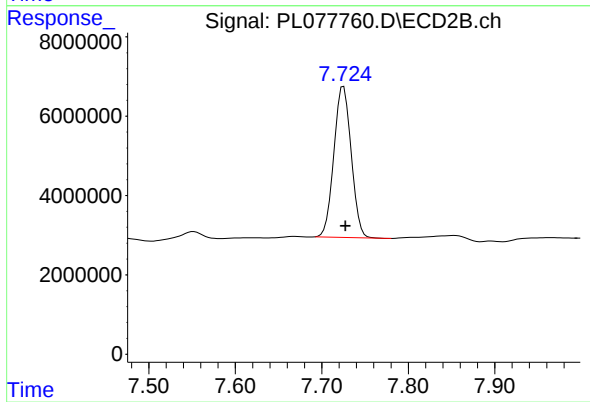
#28 Decachlorobiphenyl

R.T.: 8.908 min
Delta R.T.: 0.000 min
Response: 29781551
Conc: 23.04 ng/ml

Instrument :
ECD_L
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PEM

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#28 Decachlorobiphenyl

R.T.: 7.725 min
Delta R.T.: -0.002 min
Response: 52607610
Conc: 20.96 ng/ml