

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092022\
 Data File : PL077849.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2022 09:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/21/2022
 Supervised By : Ankita Jodhani 09/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 20 17:07:05 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...	3.416	2.624	37494313	70861703	23.390	23.869
28)	SA Decachlor...	8.906	7.722	27107996	53784625	20.975	21.426
Target Compounds							
2)	A alpha-BHC	3.881	3.117	26342884	53765421	11.101	11.855
3)	MA gamma-BHC...	4.217	3.440	25256213	47011009	11.416	11.642
6)	B beta-BHC	4.430	3.740	11576629	19706240	11.912	11.837
14)	MA Endrin	6.461	5.446	71837918	156.4E6	51.944	54.847
16)	A 4,4'-DDD	6.603	5.603	365422	867297	0.312m	0.335m
17)	MA 4,4'-DDT	6.913	5.852	141.7E6	296.6E6	111.866	112.580
18)	B Endrin al...	6.820	5.923	1586804	4249763	1.501	2.059 #
20)	A Methoxychlor	7.394	6.429	178.7E6	364.7E6	270.597	266.281
21)	B Endrin ke...	7.542	6.642	3332852	6216385	2.412	2.053m

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

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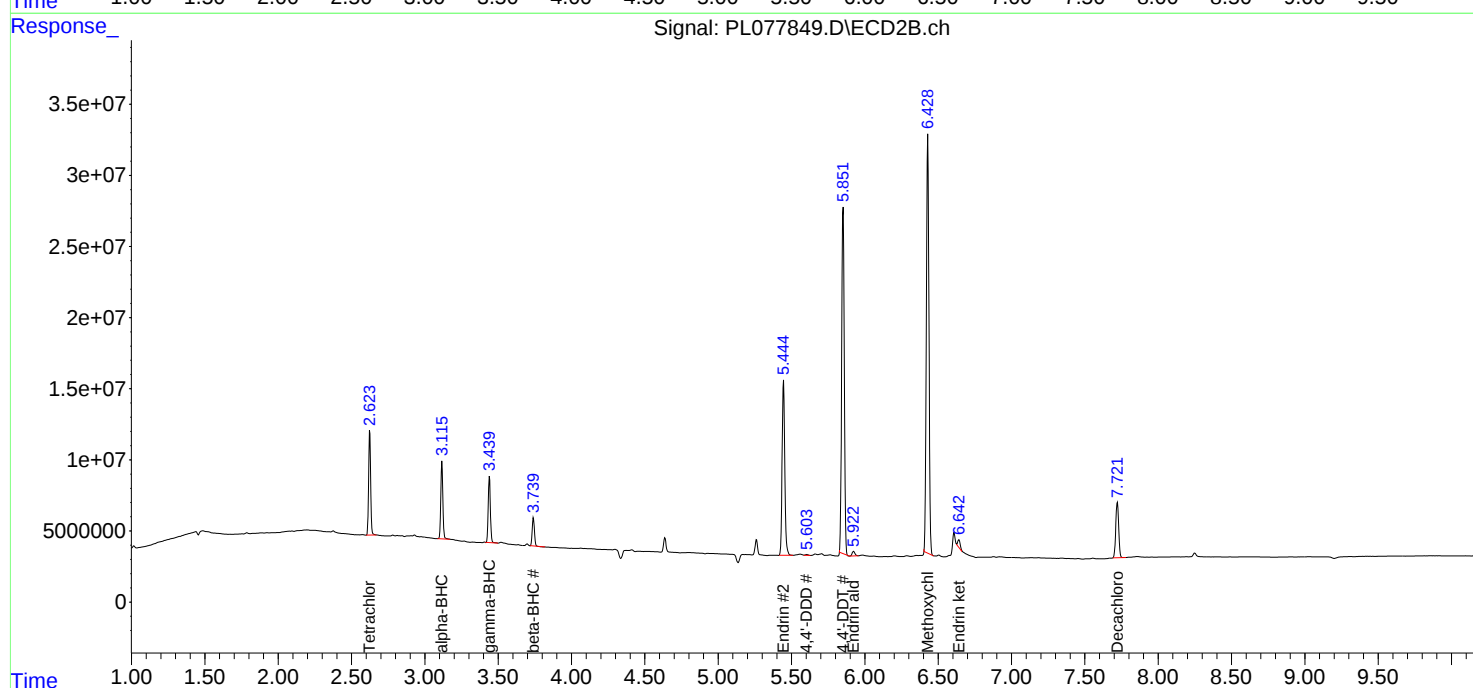
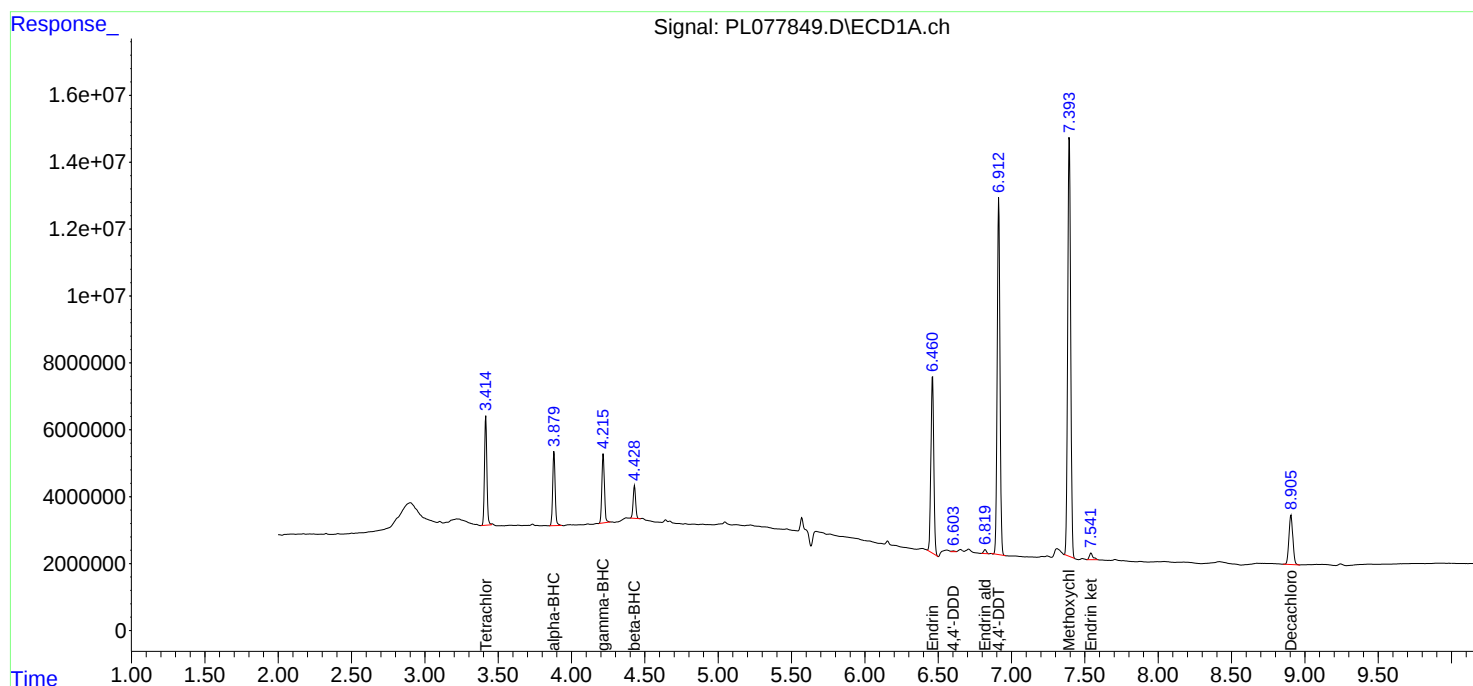
Instrument :
ECD_L
ClientSampleId :
PEM

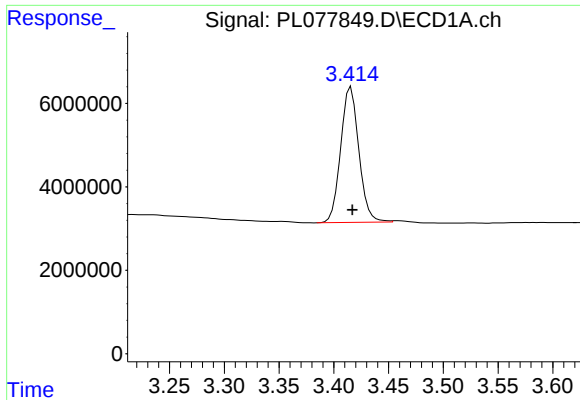
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Integration File signal 1: autoint1.e
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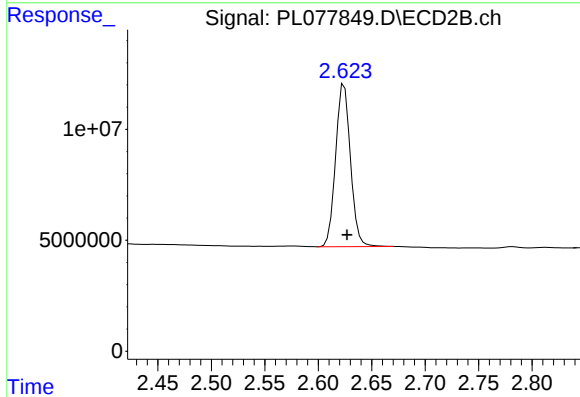
#1 Tetrachloro-m-xylene

R.T.: 3.416 min
Delta R.T.: -0.001 min
Response: 37494313
Conc: 23.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

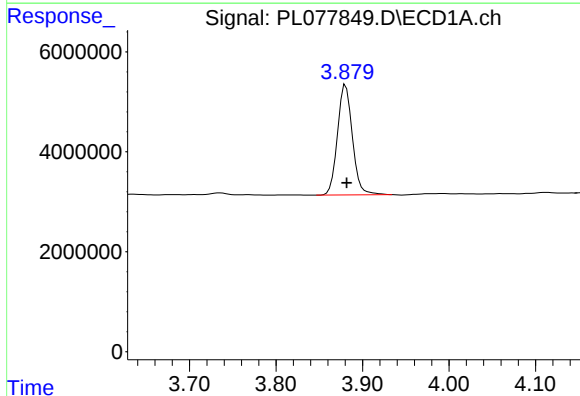
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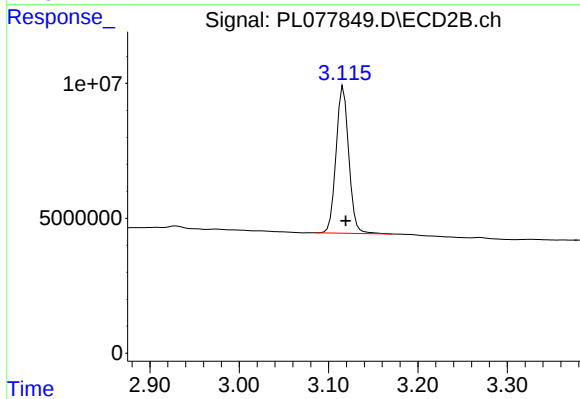
#1 Tetrachloro-m-xylene

R.T.: 2.624 min
Delta R.T.: -0.003 min
Response: 70861703
Conc: 23.87 ng/ml



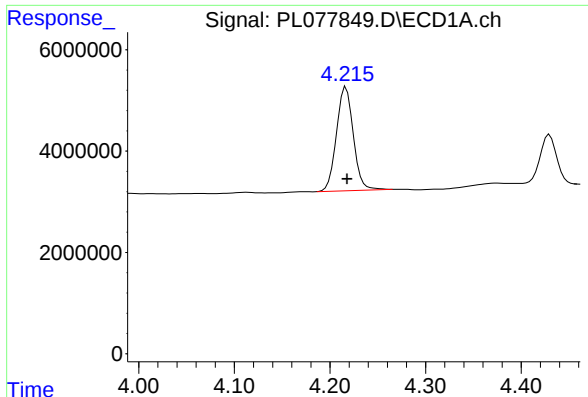
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: -0.001 min
Response: 26342884
Conc: 11.10 ng/ml



#2 alpha-BHC

R.T.: 3.117 min
Delta R.T.: -0.003 min
Response: 53765421
Conc: 11.86 ng/ml



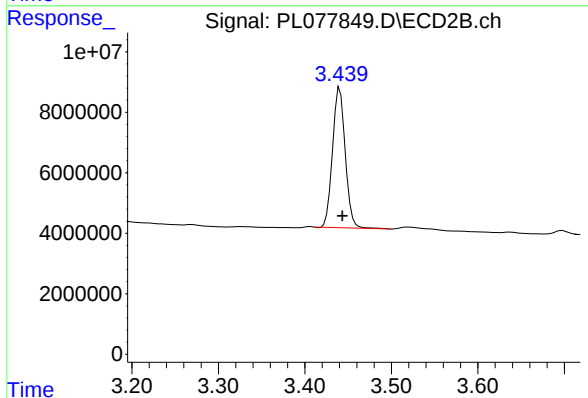
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 25256213
Conc: 11.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

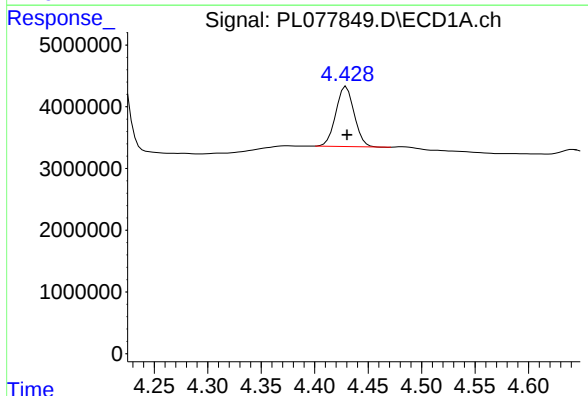
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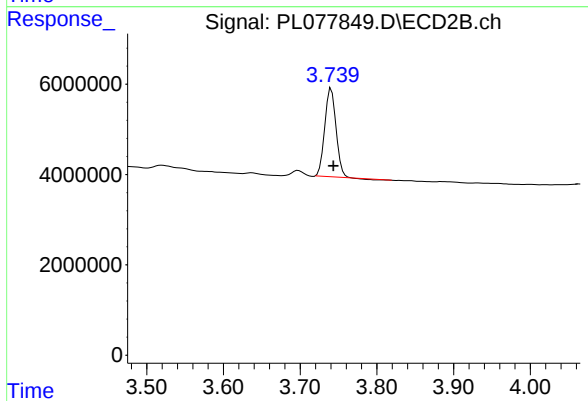
#3 gamma-BHC (Lindane)

R.T.: 3.440 min
Delta R.T.: -0.003 min
Response: 47011009
Conc: 11.64 ng/ml



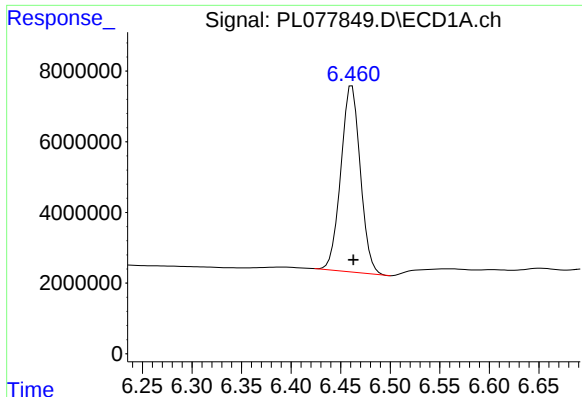
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: 0.000 min
Response: 11576629
Conc: 11.91 ng/ml



#6 beta-BHC

R.T.: 3.740 min
Delta R.T.: -0.003 min
Response: 19706240
Conc: 11.84 ng/ml



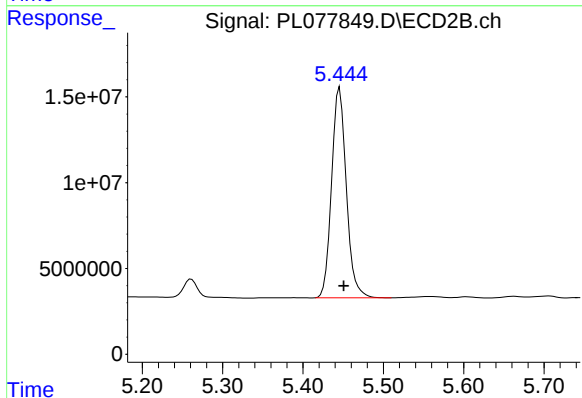
#14 Endrin

R.T.: 6.461 min
Delta R.T.: -0.001 min
Response: 71837918
Conc: 51.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

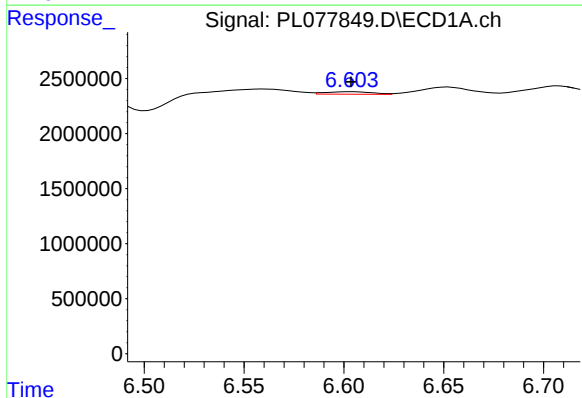
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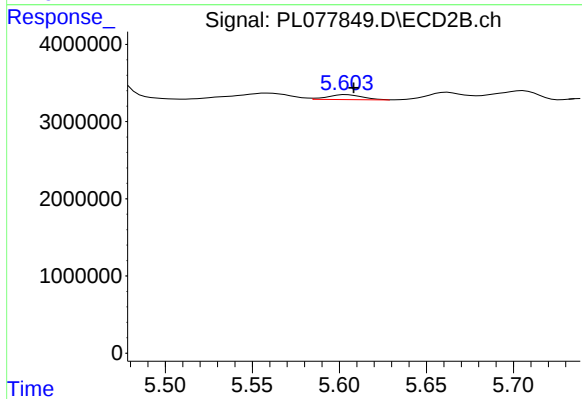
#14 Endrin

R.T.: 5.446 min
Delta R.T.: -0.005 min
Response: 156393773
Conc: 54.85 ng/ml



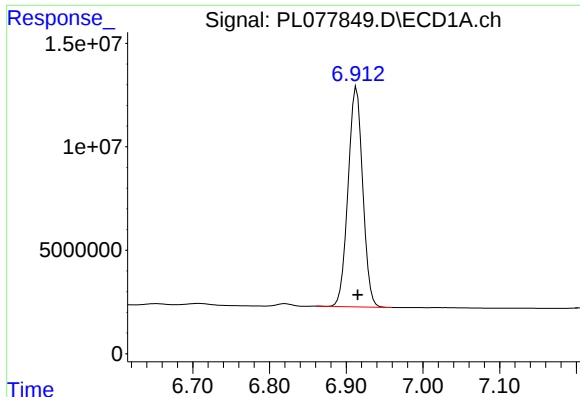
#16 4,4'-DDD

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 365422
Conc: 0.31 ng/ml m



#16 4,4'-DDD

R.T.: 5.603 min
Delta R.T.: -0.006 min
Response: 867297
Conc: 0.33 ng/ml m



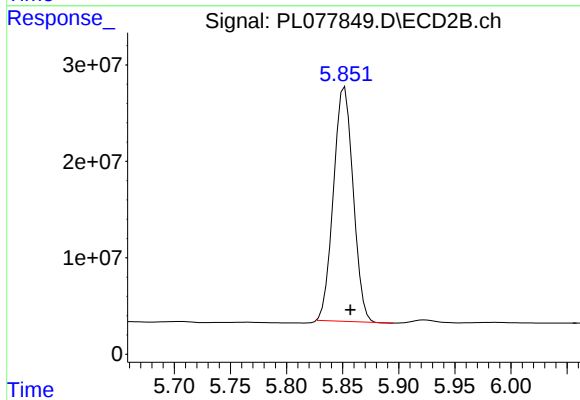
#17 4,4'-DDT

R.T.: 6.913 min
Delta R.T.: -0.002 min
Response: 141749430
Conc: 111.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

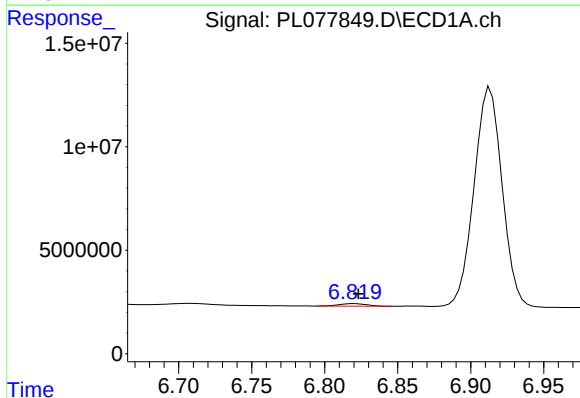
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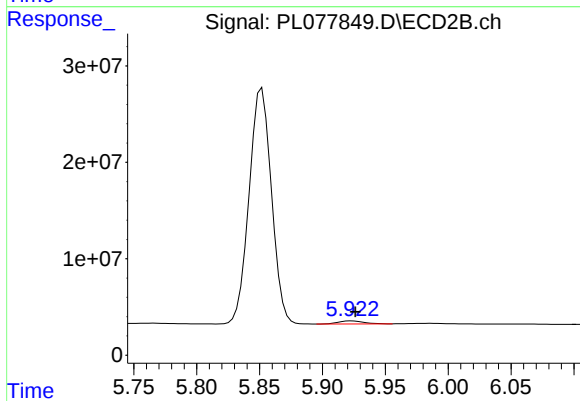
#17 4,4'-DDT

R.T.: 5.852 min
Delta R.T.: -0.005 min
Response: 296624259
Conc: 112.58 ng/ml



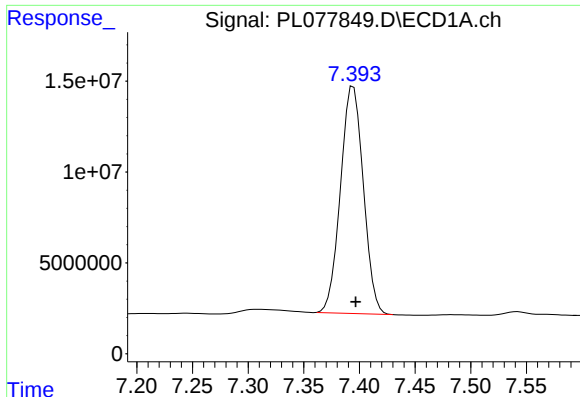
#18 Endrin aldehyde

R.T.: 6.820 min
Delta R.T.: -0.003 min
Response: 1586804
Conc: 1.50 ng/ml



#18 Endrin aldehyde

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 4249763
Conc: 2.06 ng/ml



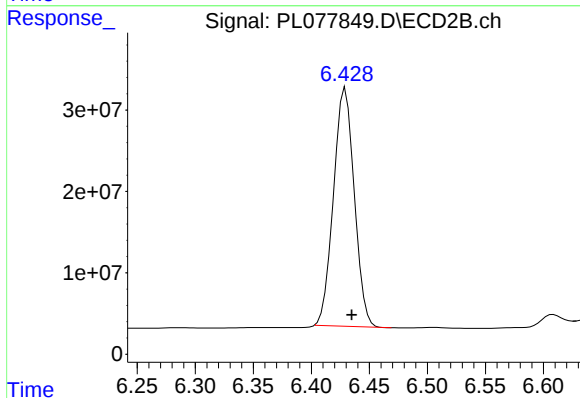
#20 Methoxychlor

R.T.: 7.394 min
Delta R.T.: -0.002 min
Response: 178716207
Conc: 270.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

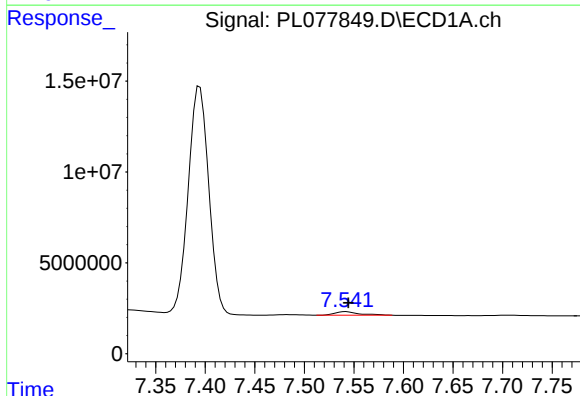
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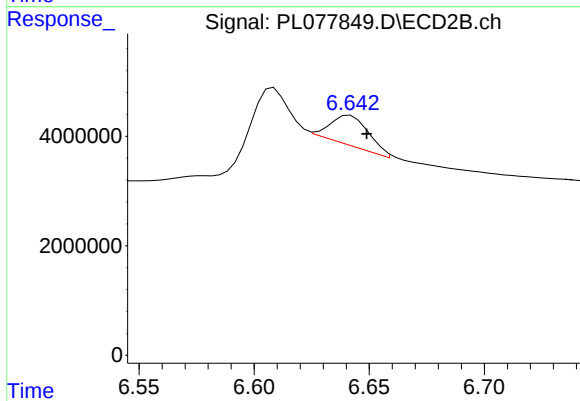
#20 Methoxychlor

R.T.: 6.429 min
Delta R.T.: -0.005 min
Response: 364652270
Conc: 266.28 ng/ml



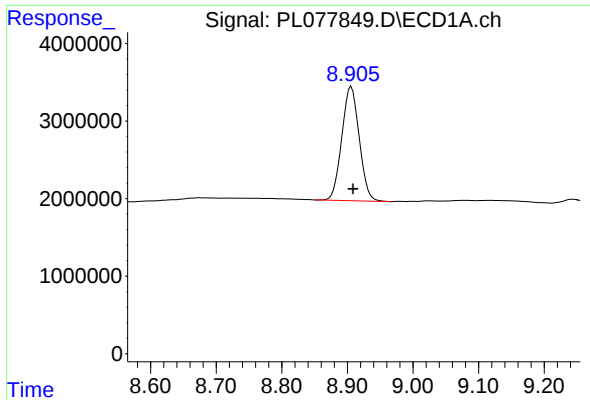
#21 Endrin ketone

R.T.: 7.542 min
Delta R.T.: -0.002 min
Response: 3332852
Conc: 2.41 ng/ml



#21 Endrin ketone

R.T.: 6.642 min
Delta R.T.: -0.007 min
Response: 6216385
Conc: 2.05 ng/ml m



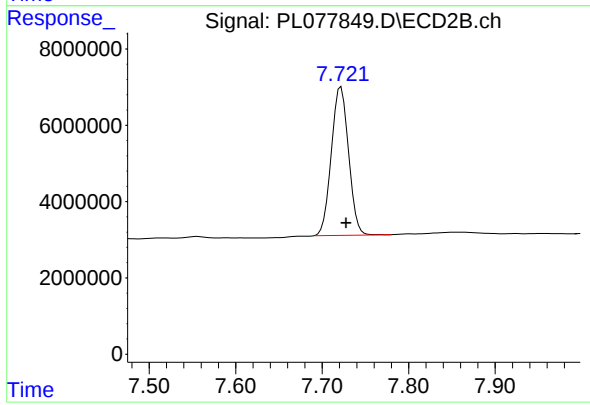
#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: -0.002 min
Response: 27107996
Conc: 20.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.722 min
Delta R.T.: -0.006 min
Response: 53784625
Conc: 21.43 ng/ml