

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091222\
 Data File : PL077659.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Sep 2022 14:43
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/14/2022
 Supervised By : Ankita Jodhani 09/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 13:29:35 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...	3.415	2.626	35336973	67437858	22.044	22.716
28)	SA Decachlor...	8.904	7.723	28650068	56283600	22.168	22.422
Target Compounds							
2)	A alpha-BHC	3.880	3.118	24324812	50867217	10.250	11.216
3)	MA gamma-BHC...	4.215	3.442	23346012	42207643	10.552	10.452
6)	B beta-BHC	4.428	3.741	11215736	18630831	11.540	11.191
14)	MA Endrin	6.459	5.447	71076902	142.2E6	51.393	49.853
16)	A 4,4'-DDD	6.600	5.604	690952	1391918	0.590	0.537m
17)	MA 4,4'-DDT	6.911	5.853	142.8E6	282.4E6	112.664	107.186
18)	B Endrin al...	6.818	5.924	1626041	4421128	1.538	2.142 #
20)	A Methoxychlor	7.393	6.430	184.1E6	359.1E6	278.745	262.214
21)	B Endrin ke...	7.538	6.642	3371017	7679892	2.440m	2.536m

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

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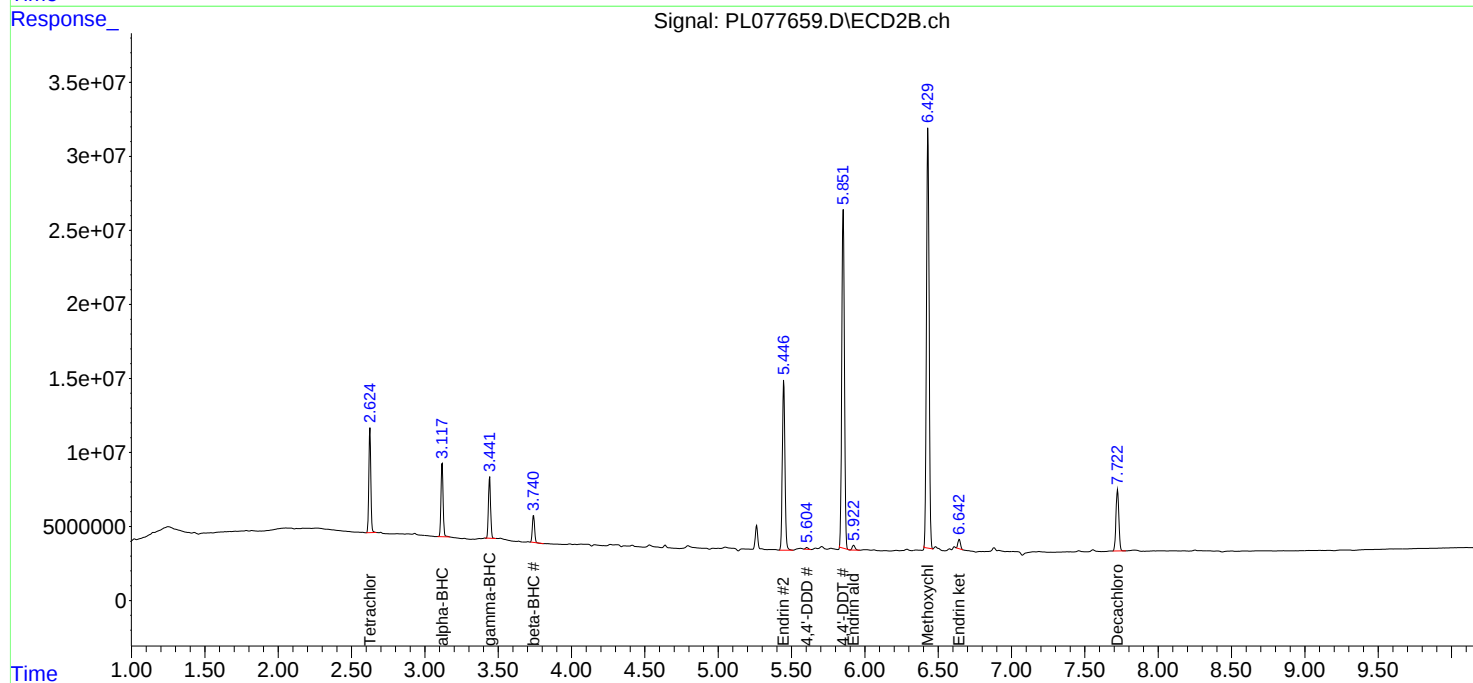
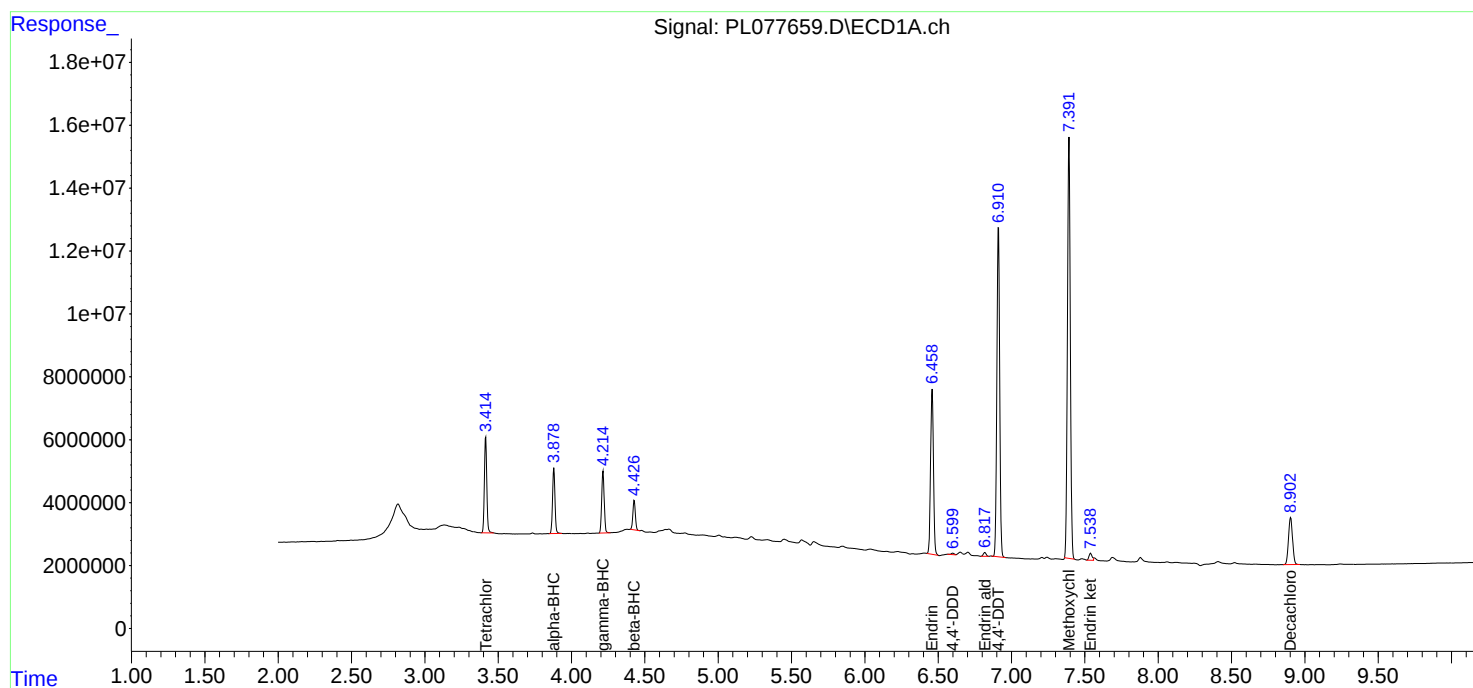
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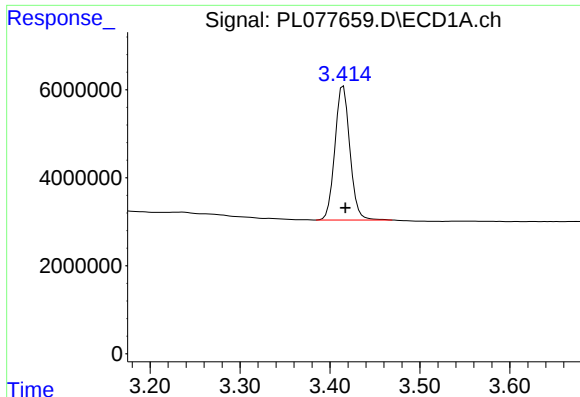
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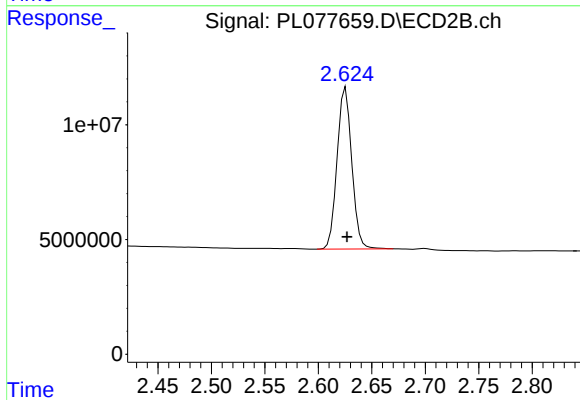
#1 Tetrachloro-m-xylene

R.T.: 3.415 min
Delta R.T.: -0.002 min
Response: 35336973
Conc: 22.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

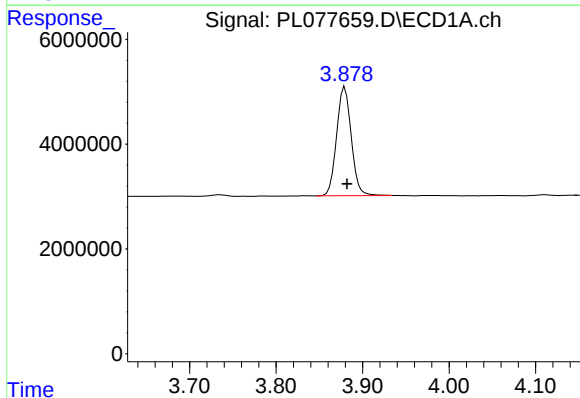
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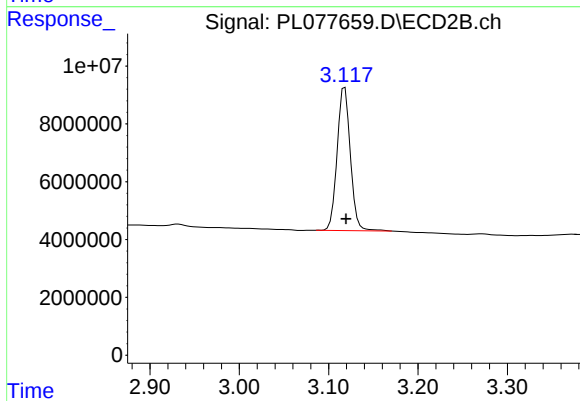
#1 Tetrachloro-m-xylene

R.T.: 2.626 min
Delta R.T.: -0.001 min
Response: 67437858
Conc: 22.72 ng/ml



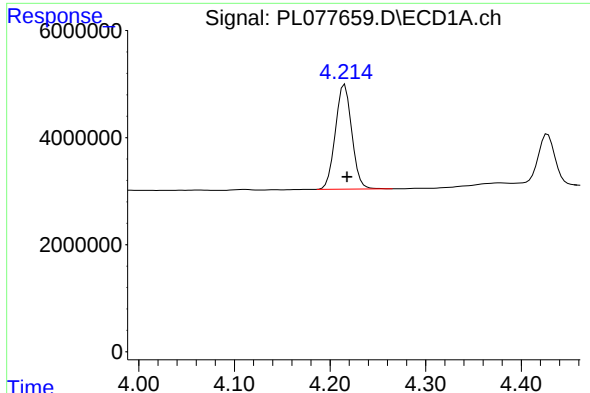
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.002 min
Response: 24324812
Conc: 10.25 ng/ml



#2 alpha-BHC

R.T.: 3.118 min
Delta R.T.: -0.001 min
Response: 50867217
Conc: 11.22 ng/ml



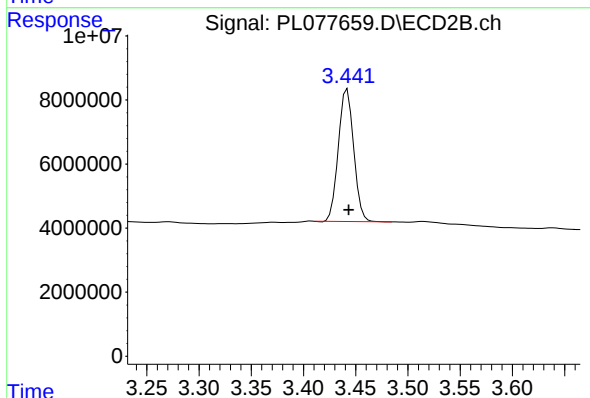
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: -0.002 min
Response: 23346012
Conc: 10.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

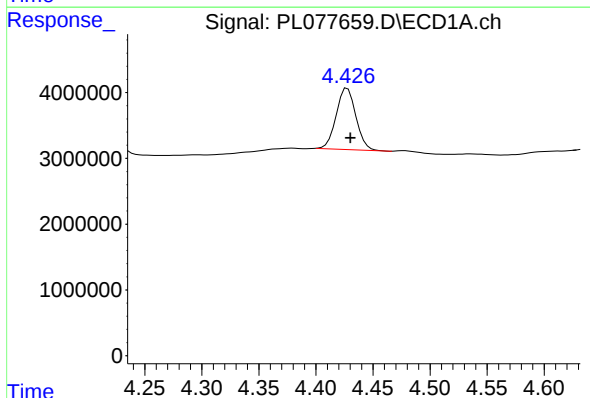
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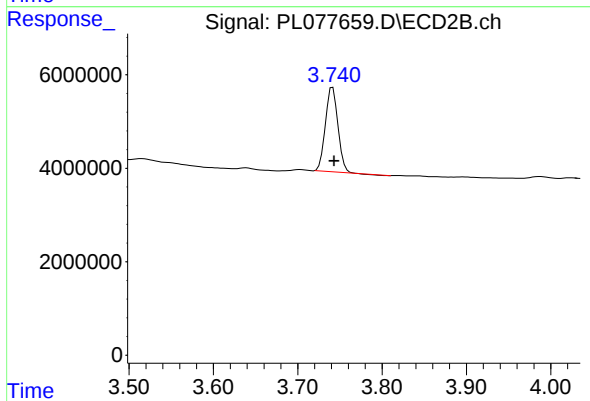
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.002 min
Response: 42207643
Conc: 10.45 ng/ml



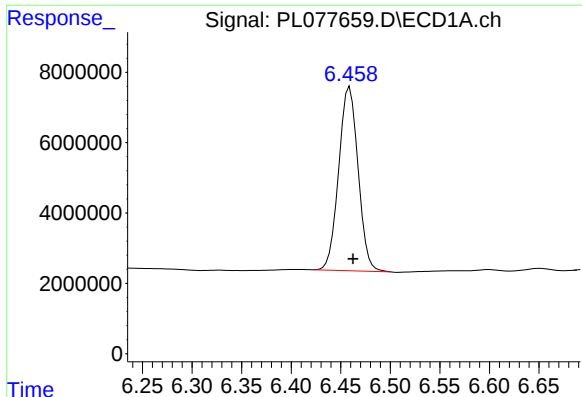
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: -0.003 min
Response: 11215736
Conc: 11.54 ng/ml



#6 beta-BHC

R.T.: 3.741 min
Delta R.T.: -0.002 min
Response: 18630831
Conc: 11.19 ng/ml



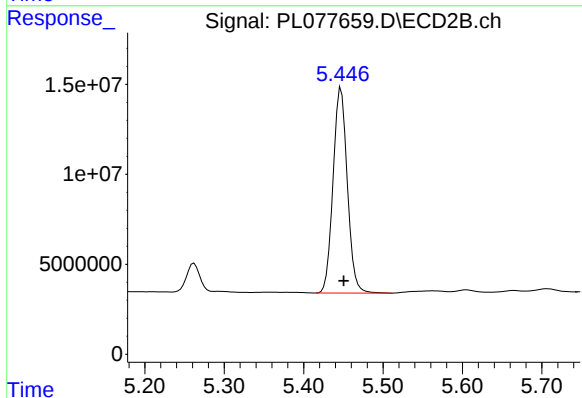
#14 Endrin

R.T.: 6.459 min
Delta R.T.: -0.004 min
Response: 71076902
Conc: 51.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

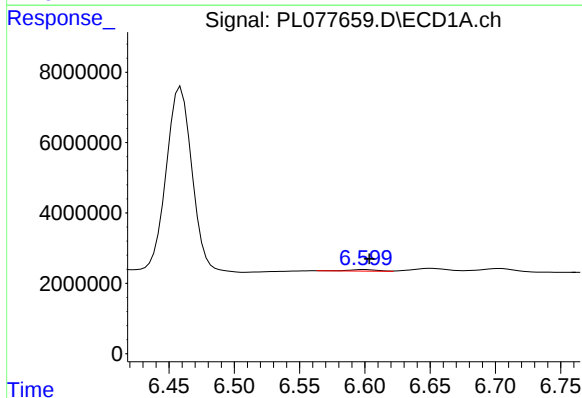
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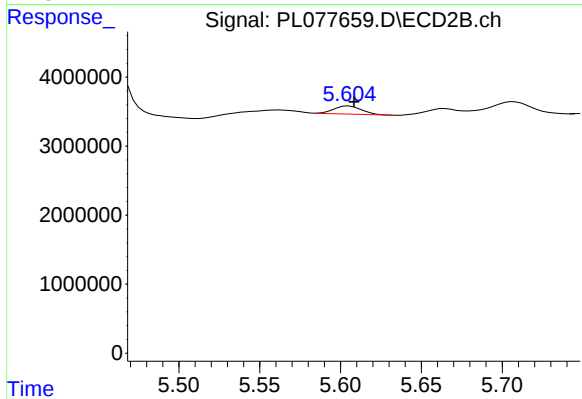
#14 Endrin

R.T.: 5.447 min
Delta R.T.: -0.003 min
Response: 142154231
Conc: 49.85 ng/ml



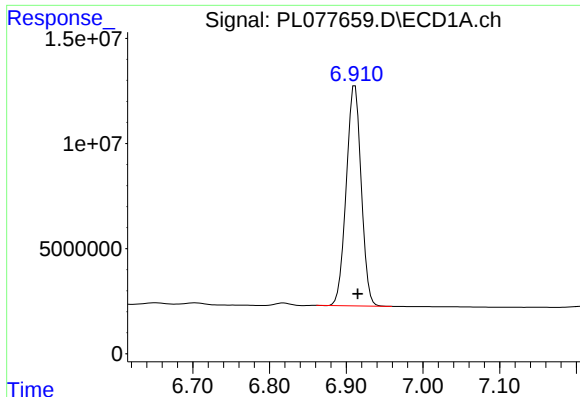
#16 4,4'-DDD

R.T.: 6.600 min
Delta R.T.: -0.004 min
Response: 690952
Conc: 0.59 ng/ml



#16 4,4'-DDD

R.T.: 5.604 min
Delta R.T.: -0.005 min
Response: 1391918
Conc: 0.54 ng/ml m



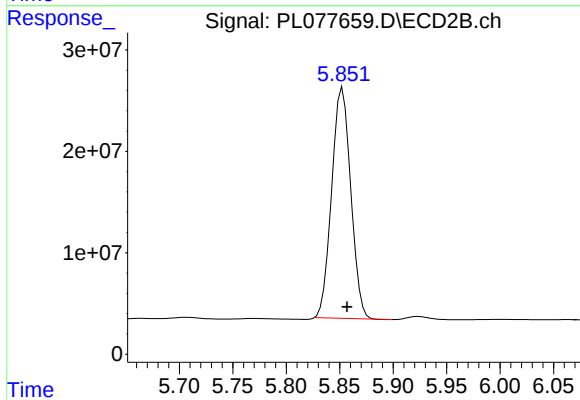
#17 4,4'-DDT

R.T.: 6.911 min
Delta R.T.: -0.004 min
Response: 142760344
Conc: 112.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

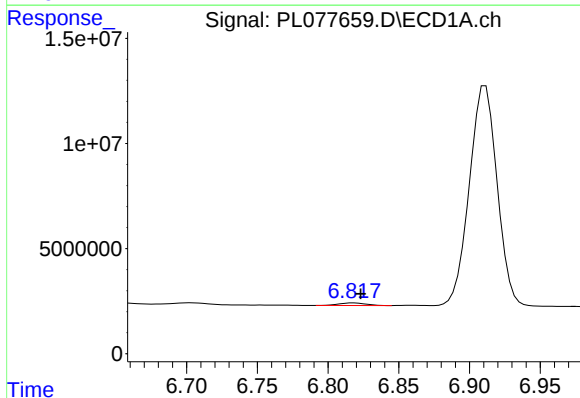
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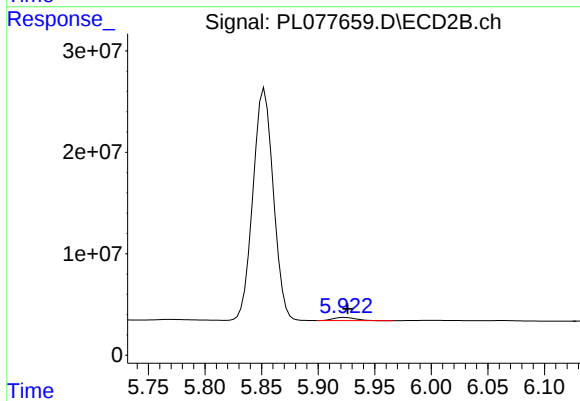
#17 4,4'-DDT

R.T.: 5.853 min
Delta R.T.: -0.004 min
Response: 282412591
Conc: 107.19 ng/ml



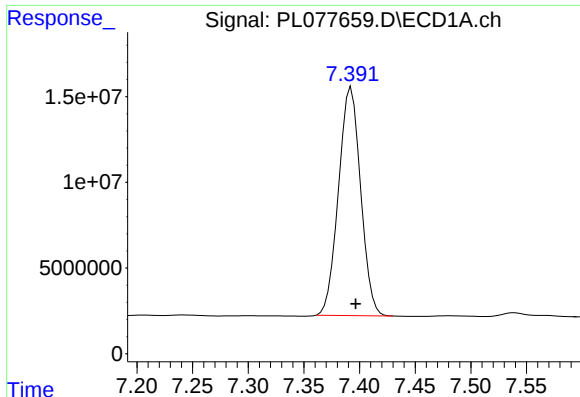
#18 Endrin aldehyde

R.T.: 6.818 min
Delta R.T.: -0.005 min
Response: 1626041
Conc: 1.54 ng/ml



#18 Endrin aldehyde

R.T.: 5.924 min
Delta R.T.: -0.003 min
Response: 4421128
Conc: 2.14 ng/ml



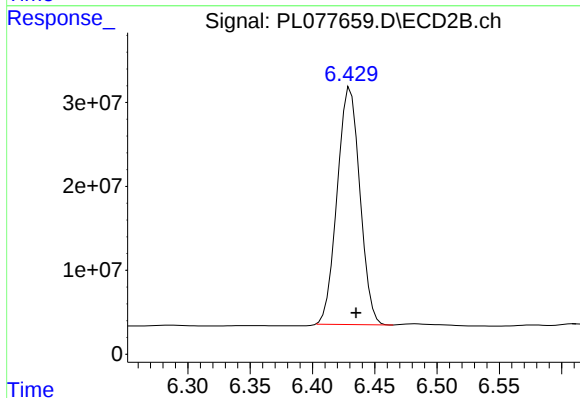
#20 Methoxychlor

R.T.: 7.393 min
Delta R.T.: -0.004 min
Response: 184097217
Conc: 278.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

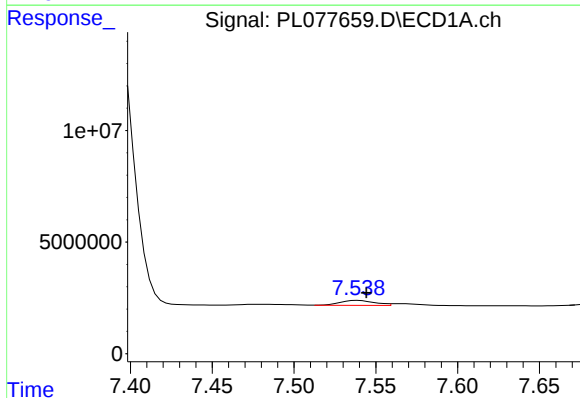
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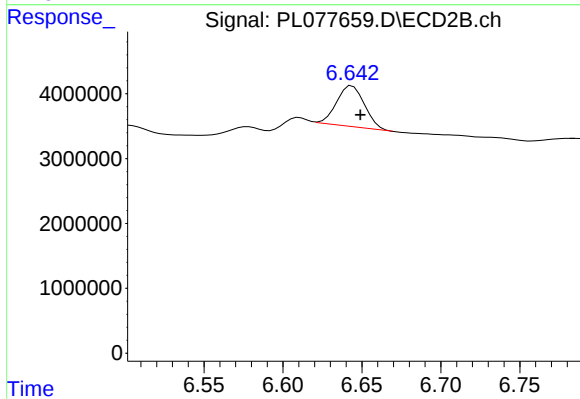
#20 Methoxychlor

R.T.: 6.430 min
Delta R.T.: -0.005 min
Response: 359082379
Conc: 262.21 ng/ml



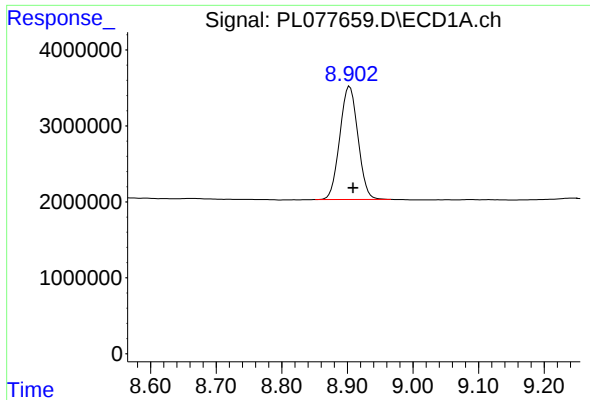
#21 Endrin ketone

R.T.: 7.538 min
Delta R.T.: -0.007 min
Response: 3371017
Conc: 2.44 ng/ml m



#21 Endrin ketone

R.T.: 6.642 min
Delta R.T.: -0.007 min
Response: 7679892
Conc: 2.54 ng/ml m



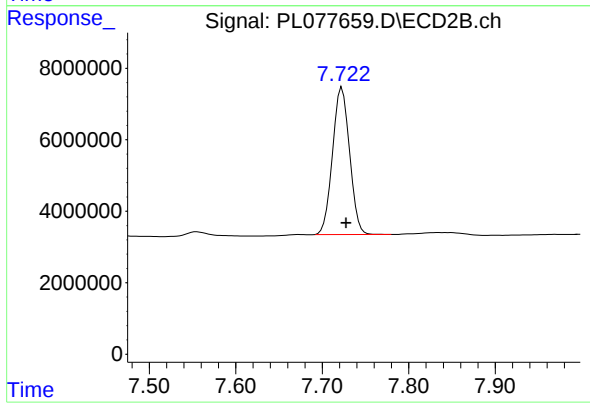
#28 Decachlorobiphenyl

R.T.: 8.904 min
Delta R.T.: -0.005 min
Response: 28650068
Conc: 22.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.723 min
Delta R.T.: -0.005 min
Response: 56283600
Conc: 22.42 ng/ml