

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110422\
 Data File : PL078836.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Nov 2022 18:36
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/07/2022
 Supervised By : Ankita Jodhani 11/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 05 03:25:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 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...	3.321	2.568	38166846	54481981	20.014	21.339
28)	SA Decachlor...	8.768	7.634	30617086	43095787	20.352	22.753
Target Compounds							
2)	A alpha-BHC	3.781	3.054	26508799	40975037	9.232	10.376
3)	MA gamma-BHC...	4.114	3.375	25927510	38122581	9.704	10.607
6)	B beta-BHC	4.329	3.675	12038124	17283991	10.450	12.046
14)	MA Endrin	6.348	5.363	101.3E6	140.4E6	53.364	53.883m
16)	A 4,4'-DDD	6.495	5.525	4519408	7464819	2.711	3.399 #
17)	MA 4,4'-DDT	6.805	5.770	171.7E6	242.3E6	95.794	111.703m
18)	B Endrin al...	6.709	5.841	1947950	3763301	1.339	2.005 #
20)	A Methoxychlor	7.290	6.348	227.3E6	294.5E6	246.783	259.534
21)	B Endrin ke...	7.427	6.556	4974334	10597279	2.644	4.100m#

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

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ALS Vial : 3 Sample Multiplier: 1

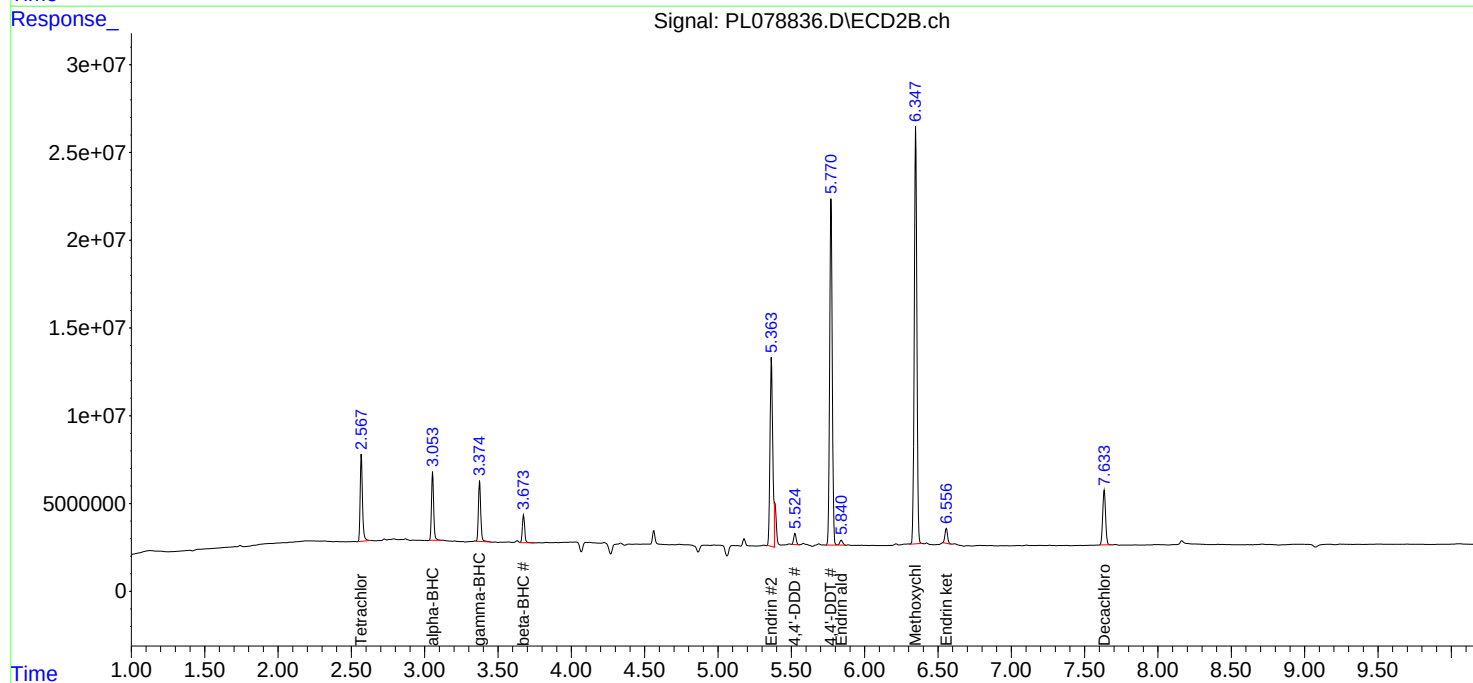
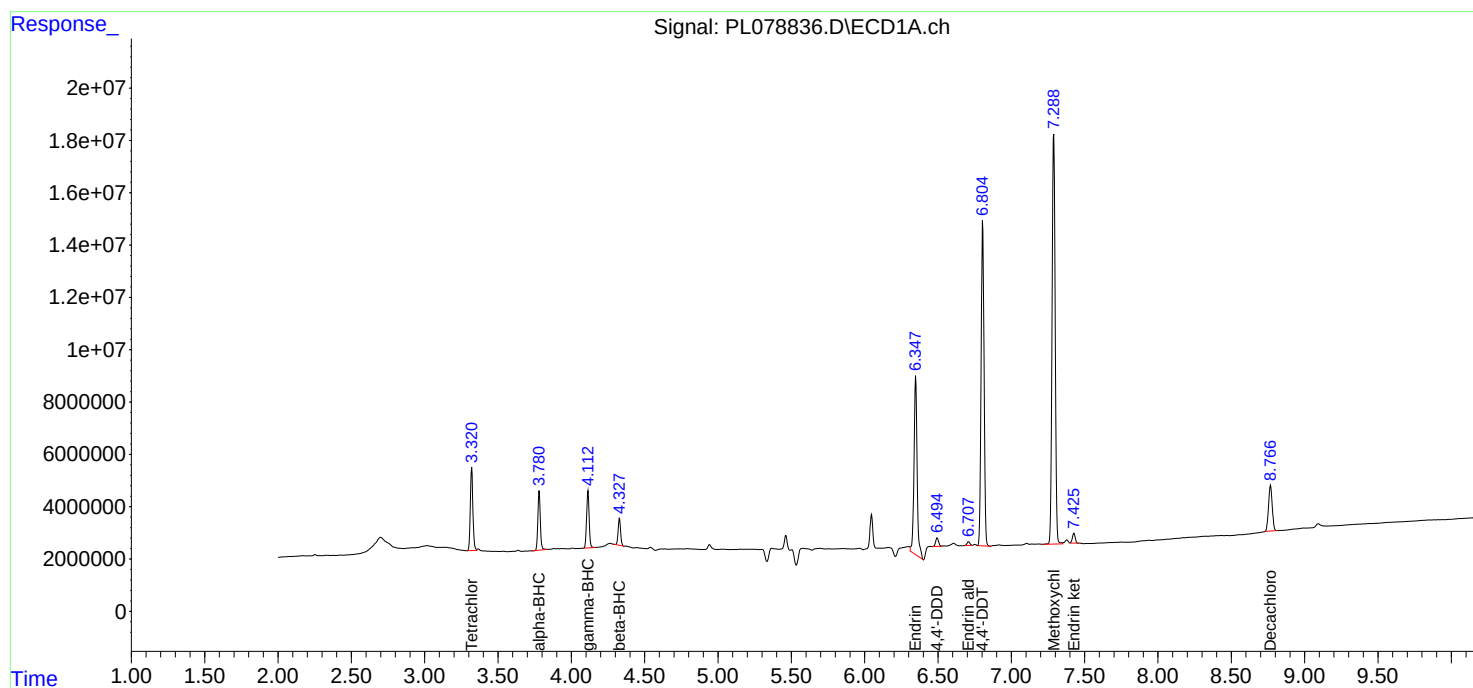
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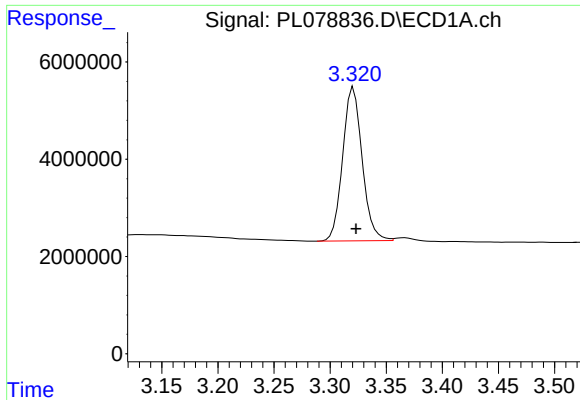
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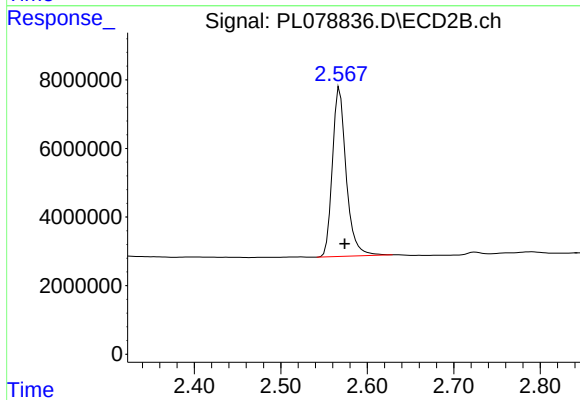
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 38166846
Conc: 20.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

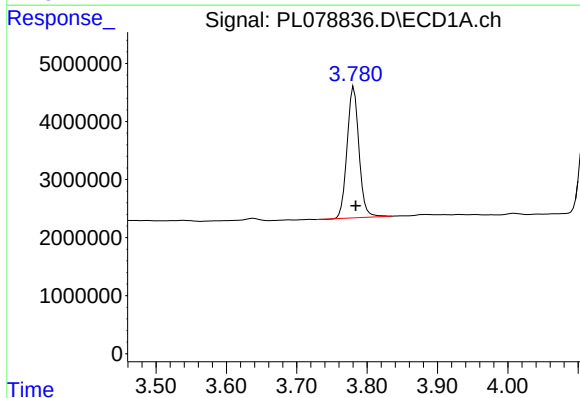
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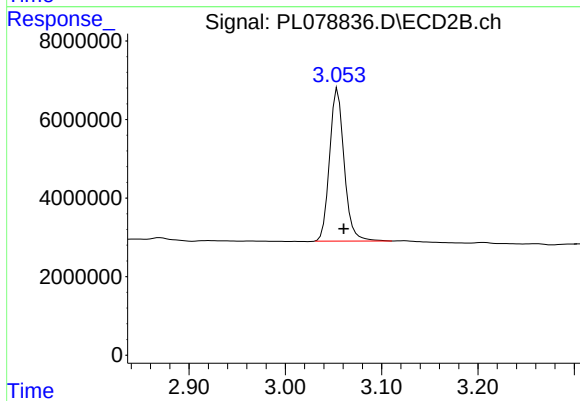
#1 Tetrachloro-m-xylene

R.T.: 2.568 min
Delta R.T.: -0.006 min
Response: 54481981
Conc: 21.34 ng/ml



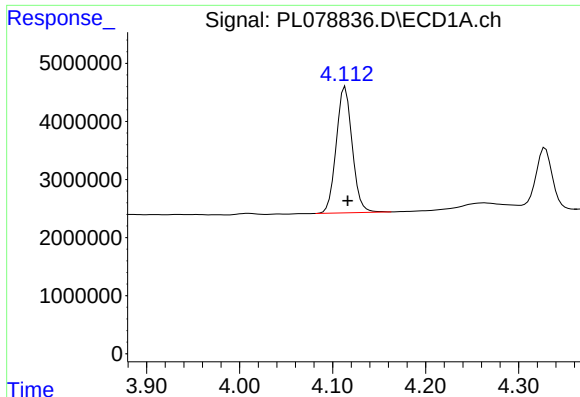
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 26508799
Conc: 9.23 ng/ml



#2 alpha-BHC

R.T.: 3.054 min
Delta R.T.: -0.006 min
Response: 40975037
Conc: 10.38 ng/ml



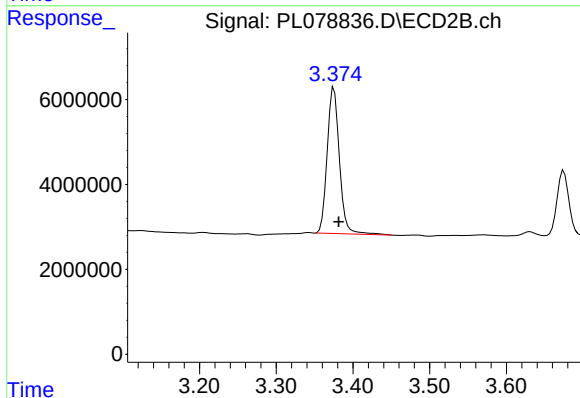
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: -0.003 min
Response: 25927510
Conc: 9.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

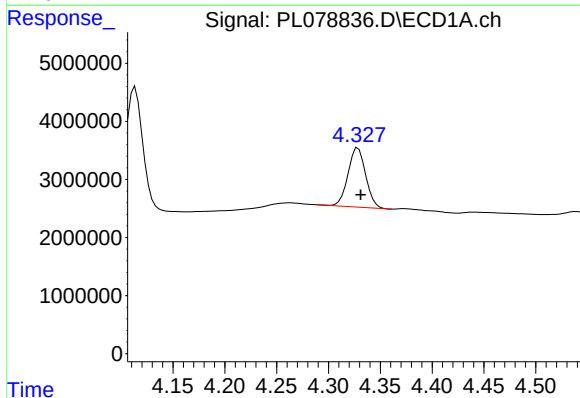
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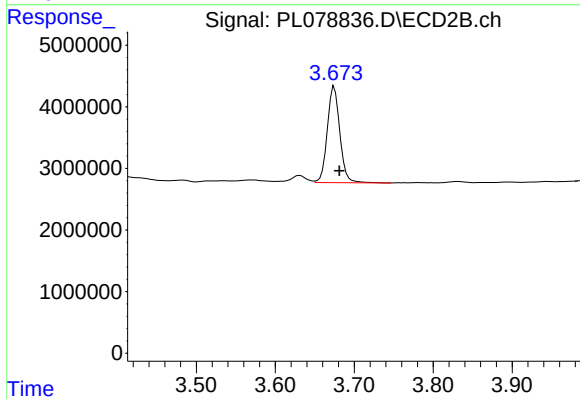
#3 gamma-BHC (Lindane)

R.T.: 3.375 min
Delta R.T.: -0.006 min
Response: 38122581
Conc: 10.61 ng/ml



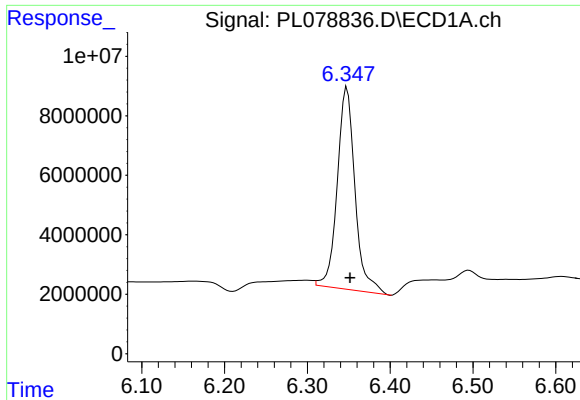
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 12038124
Conc: 10.45 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: -0.006 min
Response: 17283991
Conc: 12.05 ng/ml



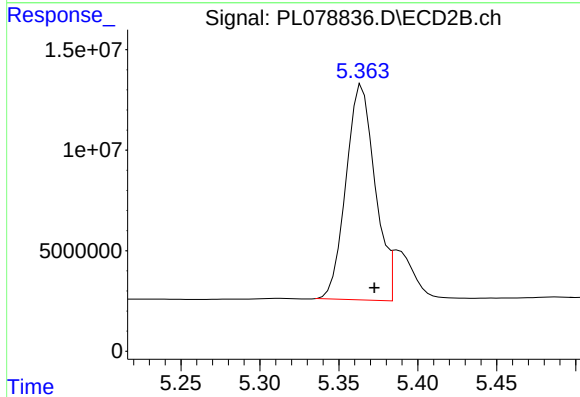
#14 Endrin

R.T.: 6.348 min
Delta R.T.: -0.004 min
Response: 101275909
Conc: 53.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

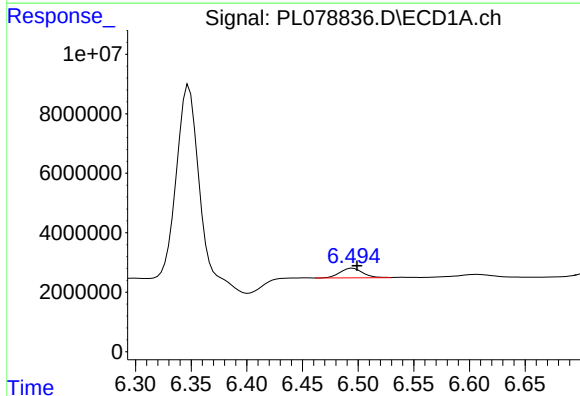
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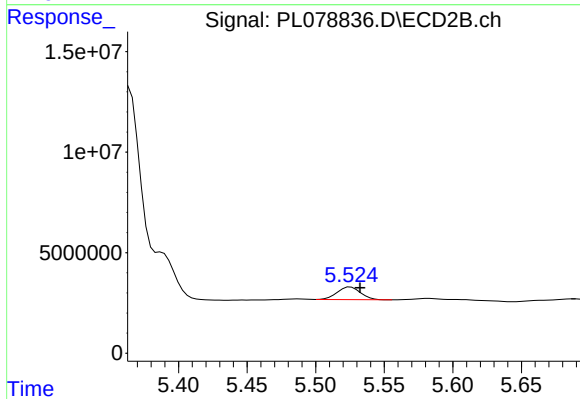
#14 Endrin

R.T.: 5.363 min
Delta R.T.: -0.009 min
Response: 140378601
Conc: 53.88 ng/ml m



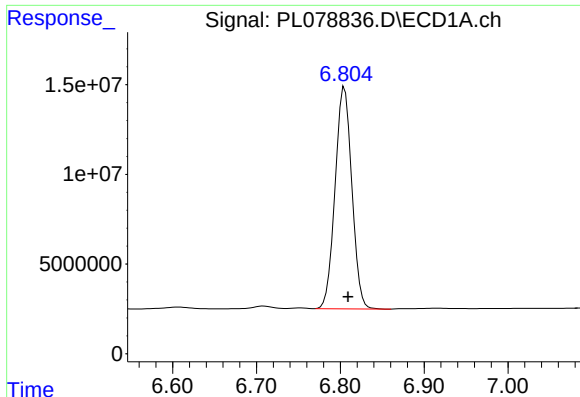
#16 4,4'-DDD

R.T.: 6.495 min
Delta R.T.: -0.004 min
Response: 4519408
Conc: 2.71 ng/ml



#16 4,4'-DDD

R.T.: 5.525 min
Delta R.T.: -0.007 min
Response: 7464819
Conc: 3.40 ng/ml



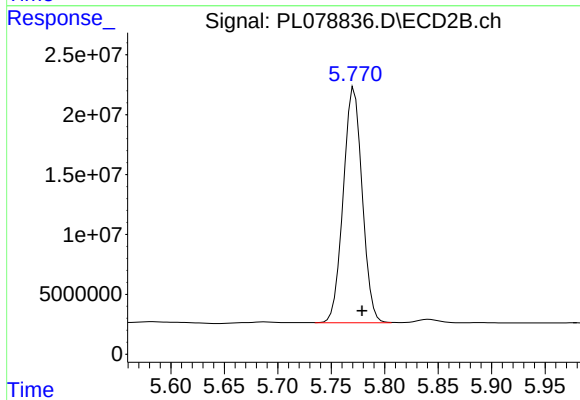
#17 4,4'-DDT

R.T.: 6.805 min
Delta R.T.: -0.004 min
Response: 171693830
Conc: 95.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

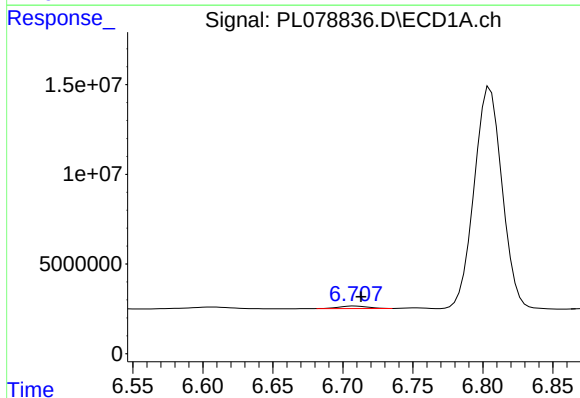
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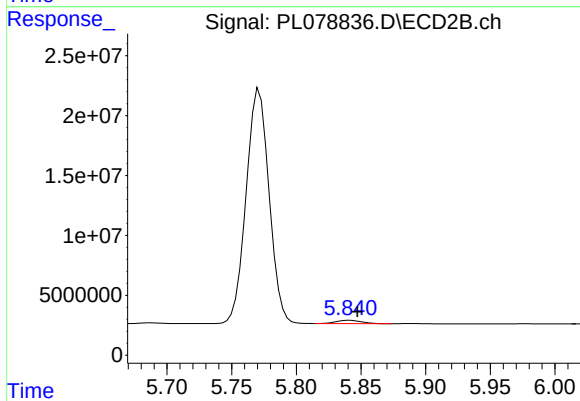
#17 4,4'-DDT

R.T.: 5.770 min
Delta R.T.: -0.009 min
Response: 242297184
Conc: 111.70 ng/ml m



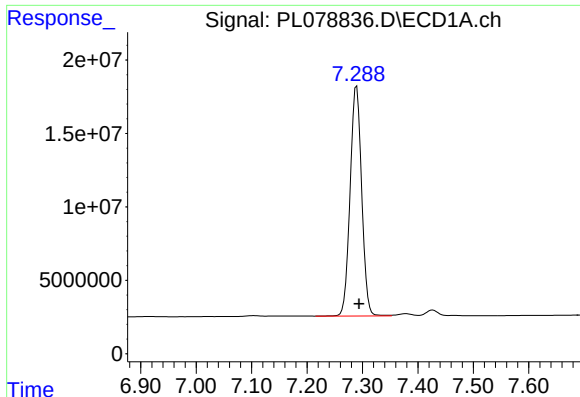
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: -0.004 min
Response: 1947950
Conc: 1.34 ng/ml



#18 Endrin aldehyde

R.T.: 5.841 min
Delta R.T.: -0.006 min
Response: 3763301
Conc: 2.01 ng/ml



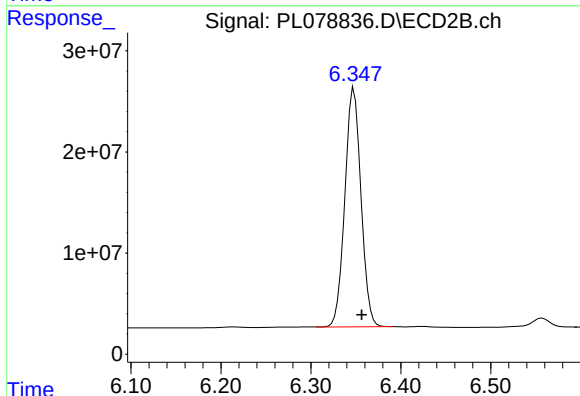
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.004 min
Response: 227259474
Conc: 246.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

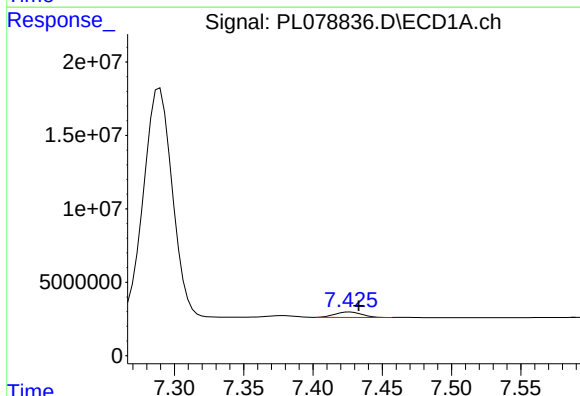
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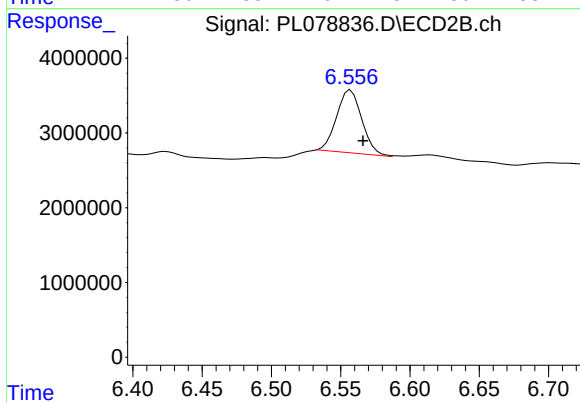
#20 Methoxychlor

R.T.: 6.348 min
Delta R.T.: -0.009 min
Response: 294518642
Conc: 259.53 ng/ml



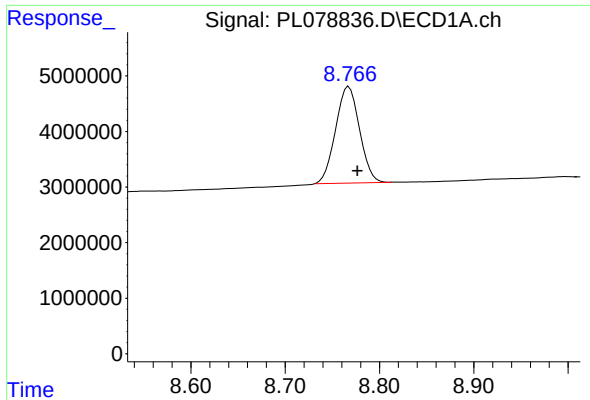
#21 Endrin ketone

R.T.: 7.427 min
Delta R.T.: -0.006 min
Response: 4974334
Conc: 2.64 ng/ml



#21 Endrin ketone

R.T.: 6.556 min
Delta R.T.: -0.010 min
Response: 10597279
Conc: 4.10 ng/ml m



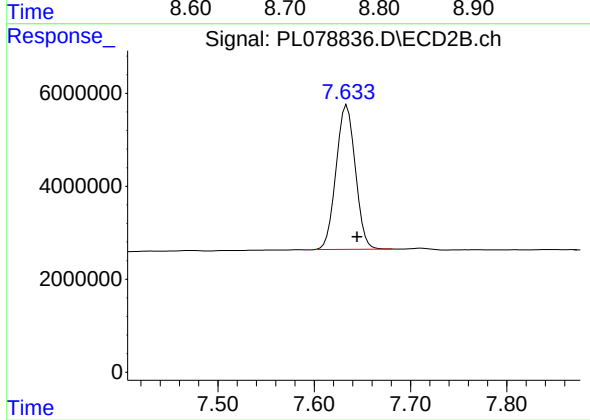
#28 Decachlorobiphenyl

R.T.: 8.768 min
Delta R.T.: -0.009 min
Response: 30617086
Conc: 20.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.634 min
Delta R.T.: -0.010 min
Response: 43095787
Conc: 22.75 ng/ml