

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100322\
 Data File : PL078025.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2022 13:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/04/2022
 Supervised By : Ankita Jodhani 10/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 19:47:51 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100322.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 03 19:46:18 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	2.624	37257295	57036946	20.201	20.293
28)	SA Decachlor...	8.904	7.721	31964547	43471038	20.361	20.032
Target Compounds							
2)	A alpha-BHC	3.880	3.116	25211888	43595957	9.084	9.989
3)	MA gamma-BHC...	4.216	3.440	24711780	37544719	9.520	9.803
6)	B beta-BHC	4.428	3.740	11692726	17601136	10.198	11.011
14)	MA Endrin	6.460	5.446	78941545	121.1E6	46.370	46.578
16)	A 4,4'-DDD	6.603	5.603	394991	652121	0.271	0.275m
17)	MA 4,4'-DDT	6.912	5.851	161.1E6	239.3E6	97.375	98.076
18)	B Endrin al...	6.819	5.928	807049	3316515	0.631	1.687 #
20)	A Methoxychlor	7.394	6.429	204.5E6	291.7E6	247.717	226.138
21)	B Endrin ke...	7.539	6.641	2799300	6440340	1.674m	2.344m#

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

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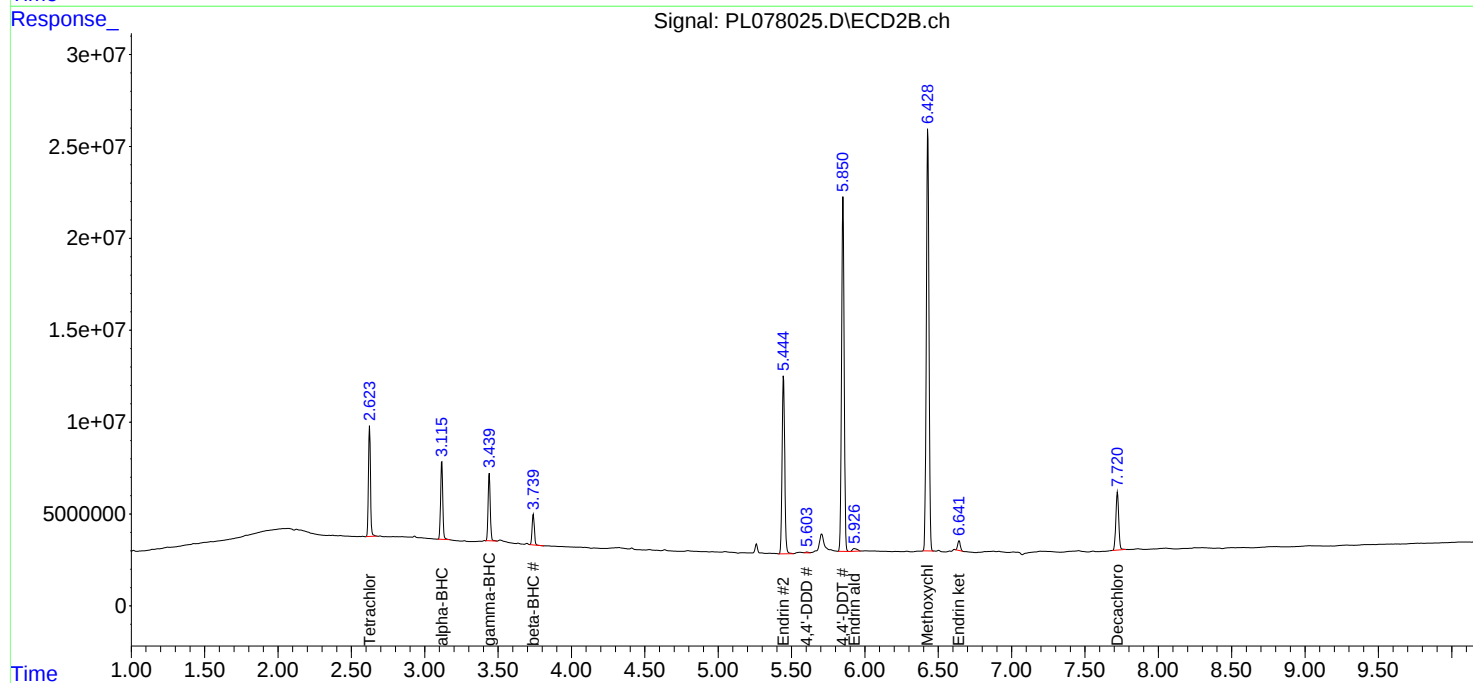
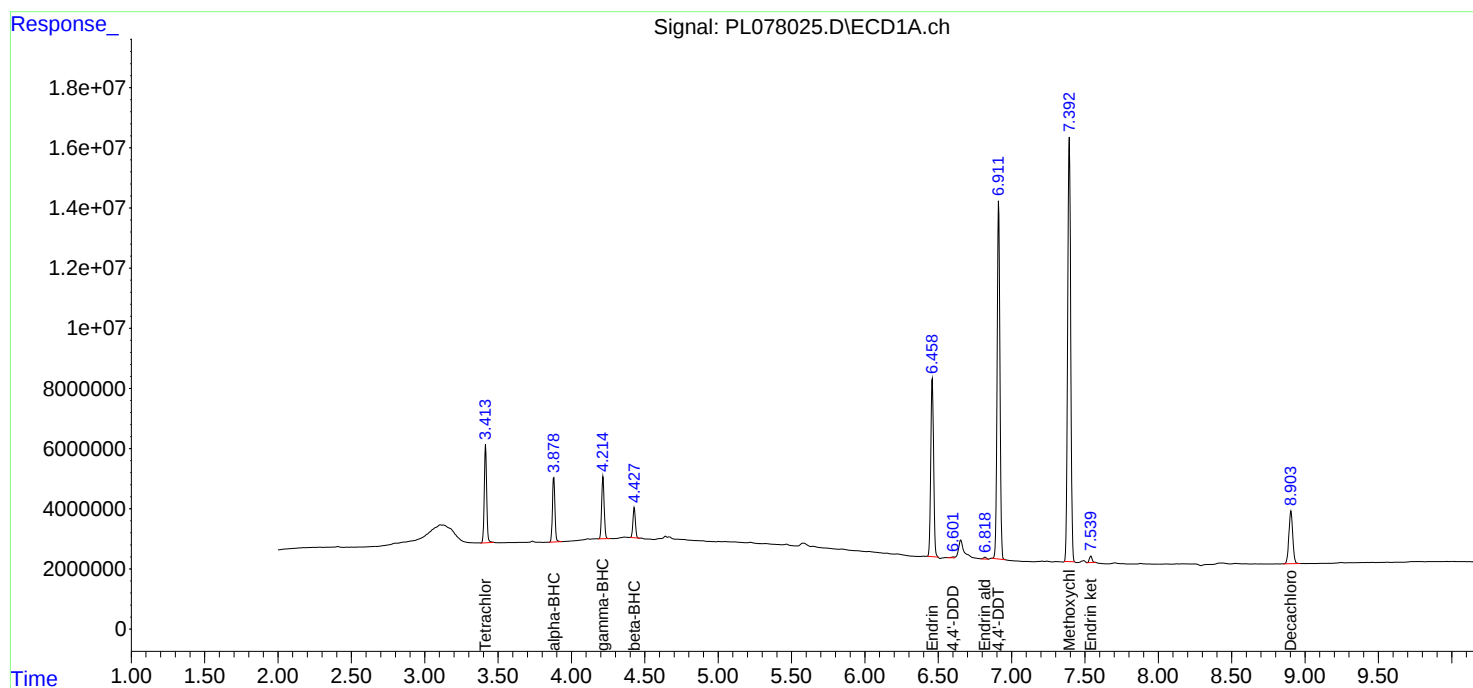
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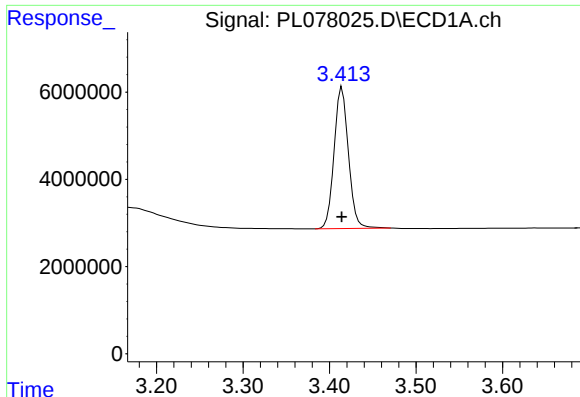
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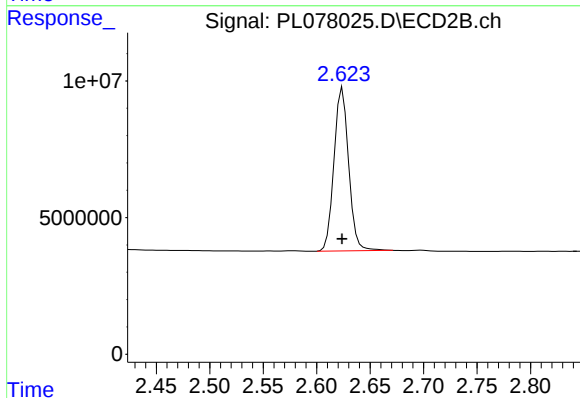
#1 Tetrachloro-m-xylene

R.T.: 3.415 min
Delta R.T.: 0.000 min
Response: 37257295
Conc: 20.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

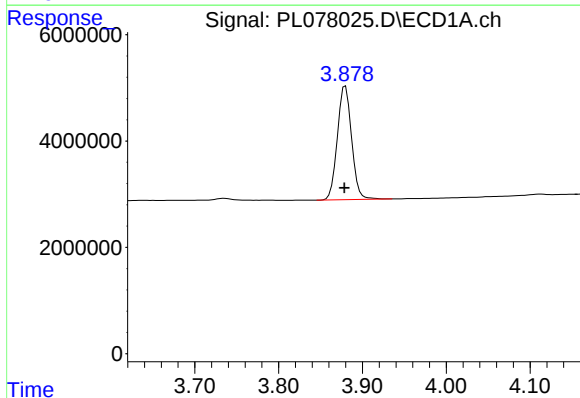
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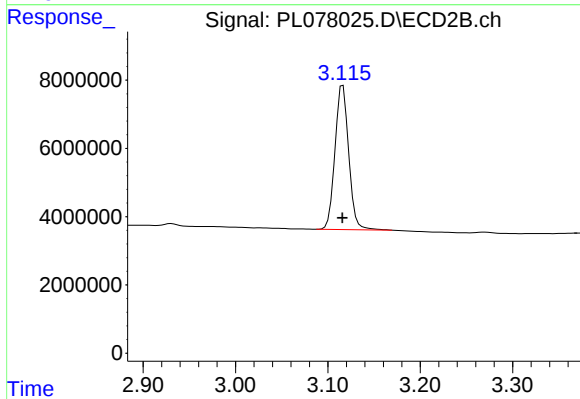
#1 Tetrachloro-m-xylene

R.T.: 2.624 min
Delta R.T.: 0.000 min
Response: 57036946
Conc: 20.29 ng/ml



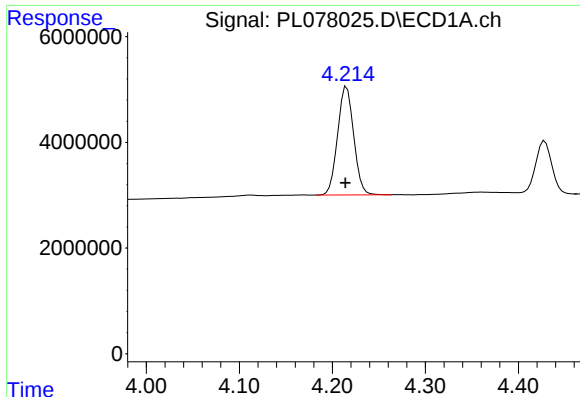
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: 0.001 min
Response: 25211888
Conc: 9.08 ng/ml



#2 alpha-BHC

R.T.: 3.116 min
Delta R.T.: 0.000 min
Response: 43595957
Conc: 9.99 ng/ml



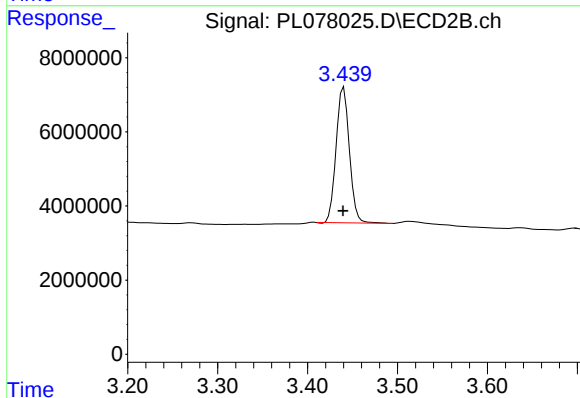
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: 0.001 min
Response: 24711780
Conc: 9.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

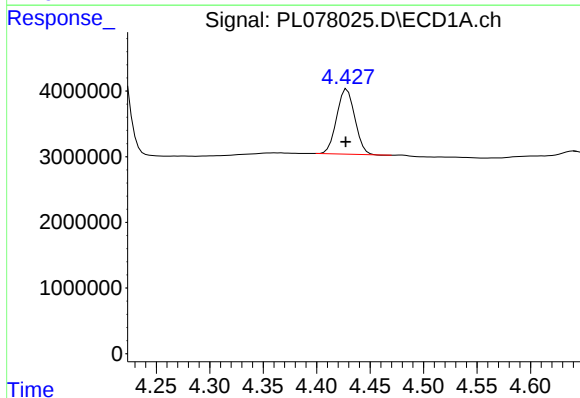
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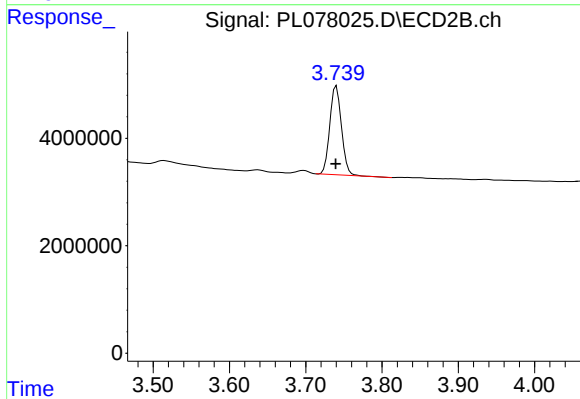
#3 gamma-BHC (Lindane)

R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 37544719
Conc: 9.80 ng/ml



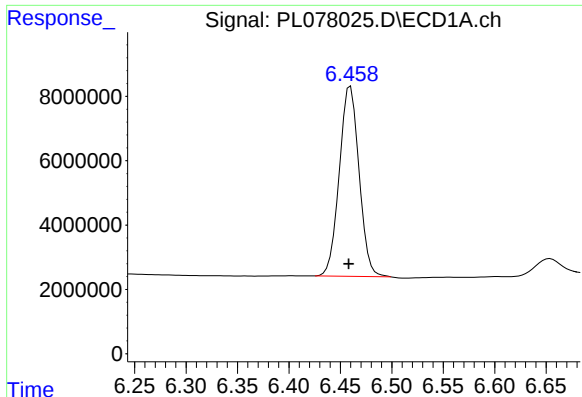
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: 0.001 min
Response: 11692726
Conc: 10.20 ng/ml



#6 beta-BHC

R.T.: 3.740 min
Delta R.T.: 0.001 min
Response: 17601136
Conc: 11.01 ng/ml



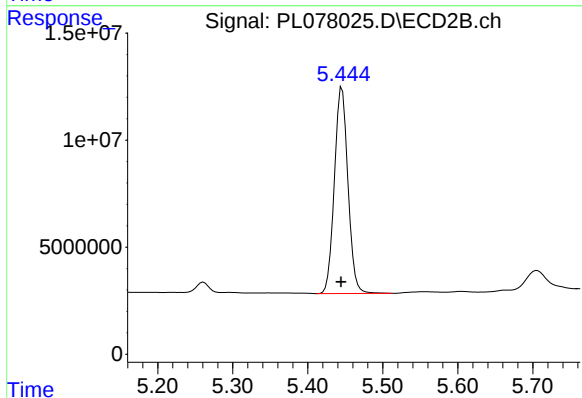
#14 Endrin

R.T.: 6.460 min
Delta R.T.: 0.002 min
Response: 78941545
Conc: 46.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

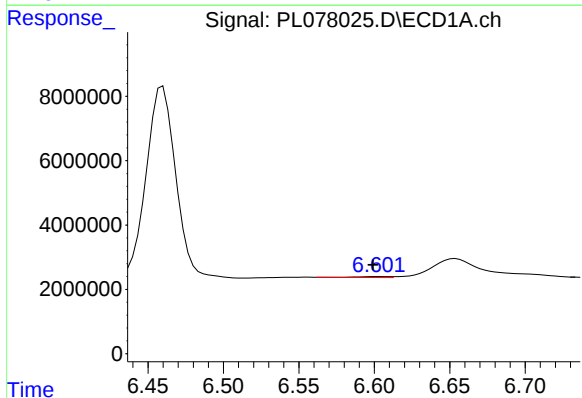
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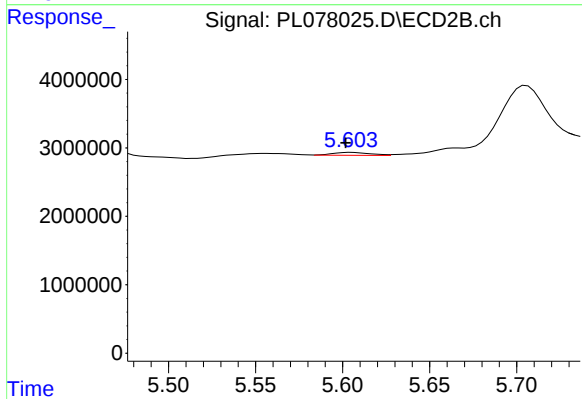
#14 Endrin

R.T.: 5.446 min
Delta R.T.: 0.001 min
Response: 121052546
Conc: 46.58 ng/ml



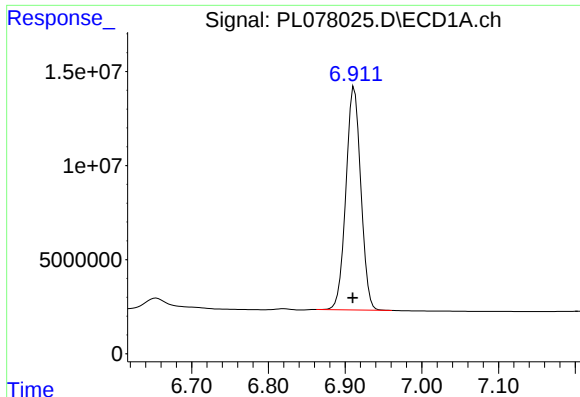
#16 4,4'-DDD

R.T.: 6.603 min
Delta R.T.: 0.003 min
Response: 394991
Conc: 0.27 ng/ml



#16 4,4'-DDD

R.T.: 5.603 min
Delta R.T.: 0.001 min
Response: 652121
Conc: 0.27 ng/ml m



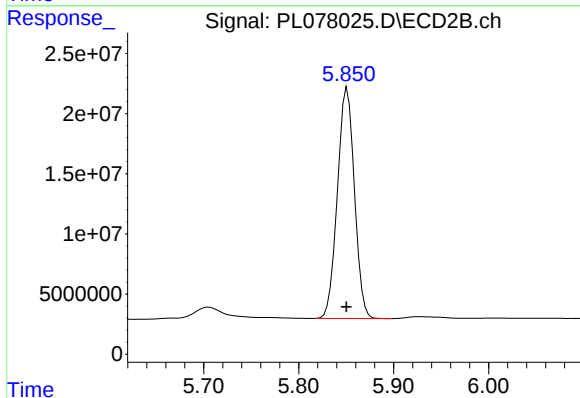
#17 4,4'-DDT

R.T.: 6.912 min
Delta R.T.: 0.002 min
Response: 161053331
Conc: 97.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

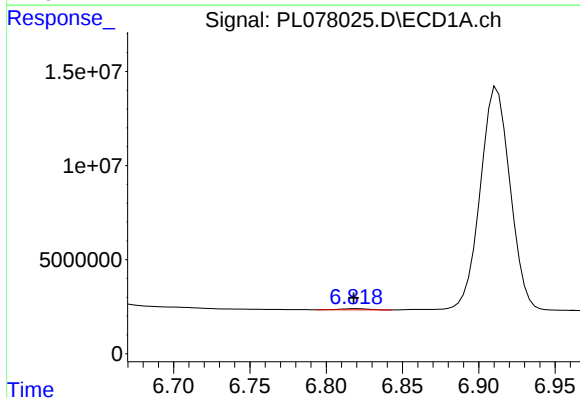
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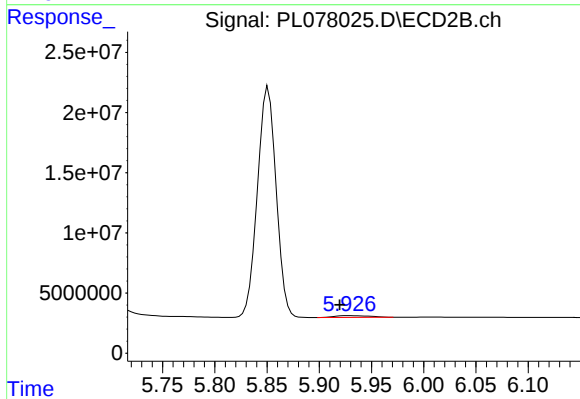
#17 4,4'-DDT

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 239339283
Conc: 98.08 ng/ml



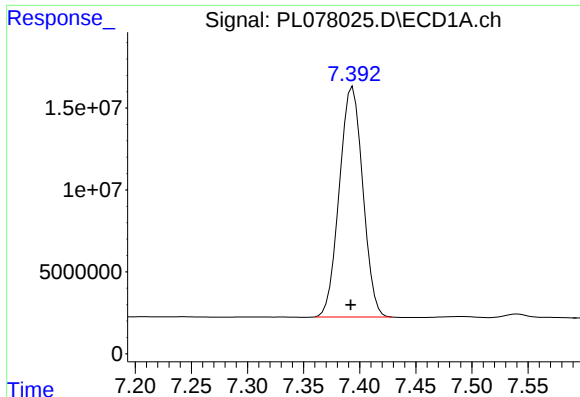
#18 Endrin aldehyde

R.T.: 6.819 min
Delta R.T.: 0.001 min
Response: 807049
Conc: 0.63 ng/ml



#18 Endrin aldehyde

R.T.: 5.928 min
Delta R.T.: 0.008 min
Response: 3316515
Conc: 1.69 ng/ml



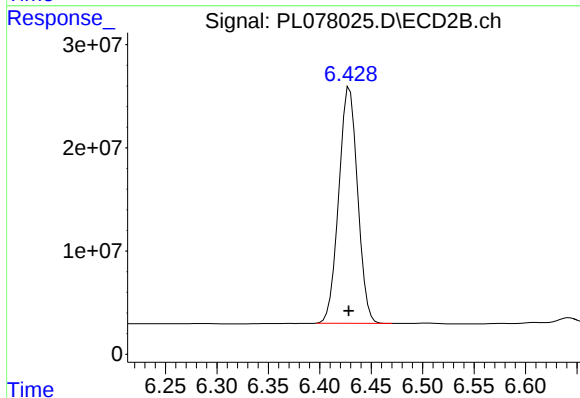
#20 Methoxychlor

R.T.: 7.394 min
Delta R.T.: 0.002 min
Response: 204485805
Conc: 247.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

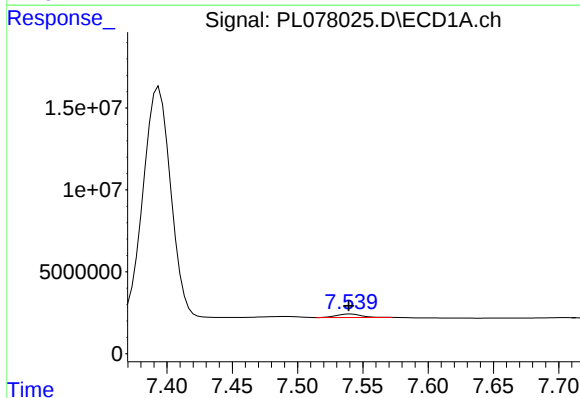
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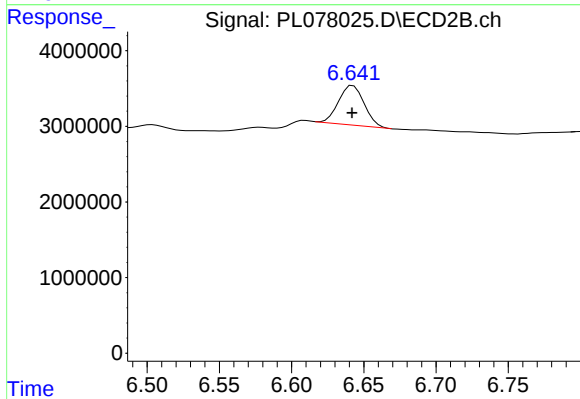
#20 Methoxychlor

R.T.: 6.429 min
Delta R.T.: 0.001 min
Response: 291736831
Conc: 226.14 ng/ml



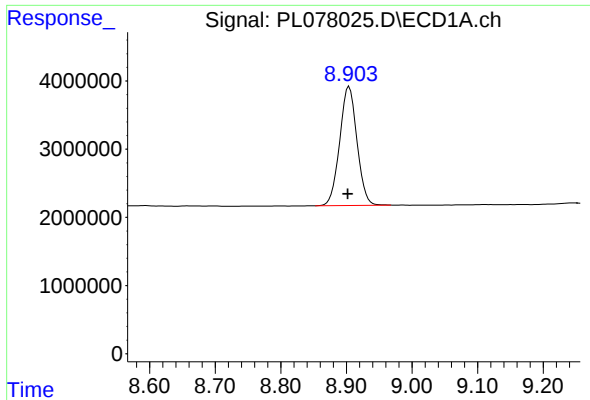
#21 Endrin ketone

R.T.: 7.539 min
Delta R.T.: 0.000 min
Response: 2799300
Conc: 1.67 ng/ml m



#21 Endrin ketone

R.T.: 6.641 min
Delta R.T.: 0.000 min
Response: 6440340
Conc: 2.34 ng/ml m



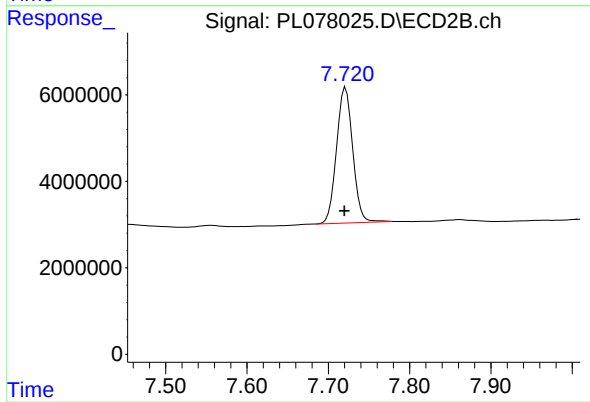
#28 Decachlorobiphenyl

R.T.: 8.904 min
Delta R.T.: 0.002 min
Response: 31964547
Conc: 20.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.721 min
Delta R.T.: 0.002 min
Response: 43471038
Conc: 20.03 ng/ml