

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123022\
 Data File : PL079980.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Dec 2022 19:16
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/30/2022
 Supervised By : Ankita Jodhani 12/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 22:06:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL123022.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 29 17:31:33 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...	3.363	2.695	26850807	34693651	19.356	18.882
28)	SA Decachlor...	8.803	7.857	28455041	33853042	20.240	20.245
Target Compounds							
2)	A alpha-BHC	3.811	3.197	16912210	22049619	8.824	8.784
3)	MA gamma-BHC...	4.140	3.526	16496406	21627966	9.463	9.054
6)	B beta-BHC	4.335	3.822	8791121	10487609	10.379	9.775
14)	MA Endrin	6.369	5.563	63190198	70888227	48.178m	45.800
16)	A 4,4'-DDD	6.513	5.718	2248036	3236609	1.793	2.124
17)	MA 4,4'-DDT	6.825	5.970	132.0E6	141.3E6	104.026	107.600
18)	B Endrin al...	6.719	6.038	2429434	3881541	2.222	2.885m#
20)	A Methoxychlor	7.303	6.550	187.5E6	204.7E6	264.477	265.793
21)	B Endrin ke...	7.432	6.765	5135078	8131592	3.387m	4.405m#

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

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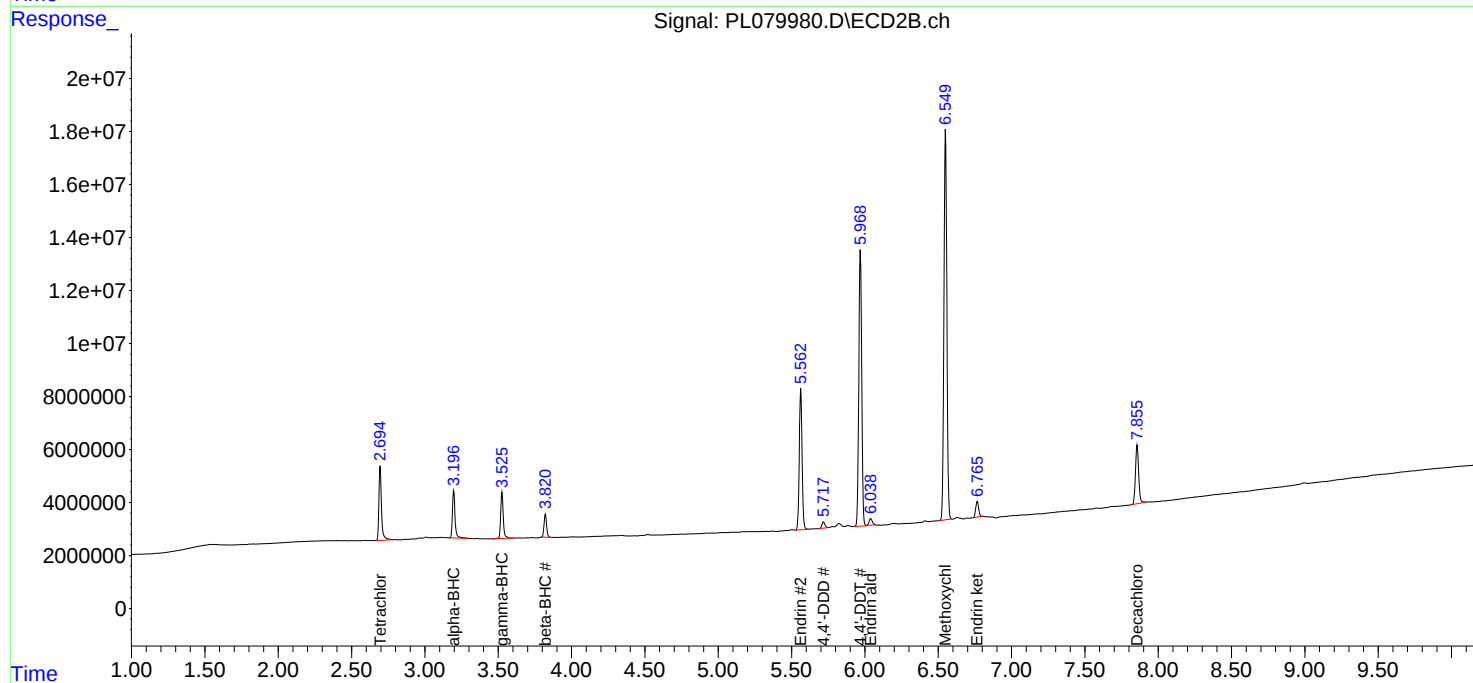
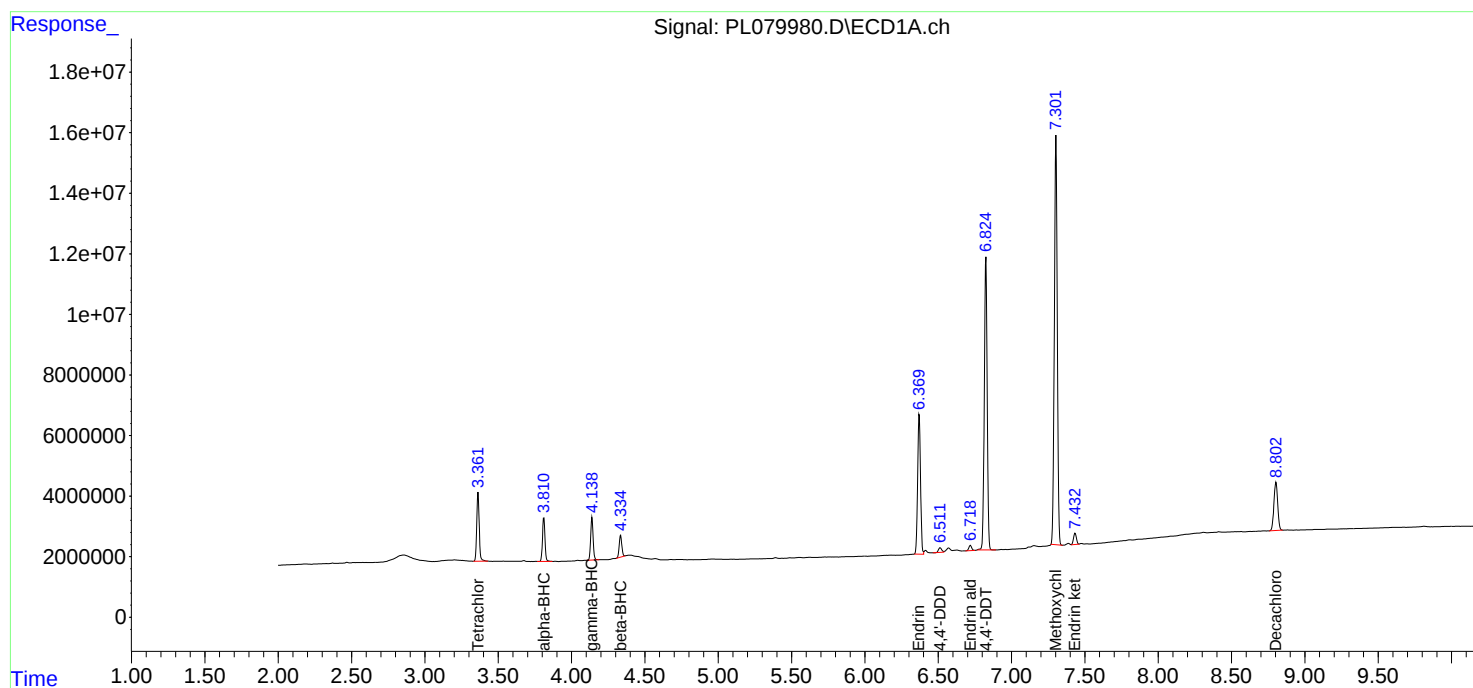
Instrument :
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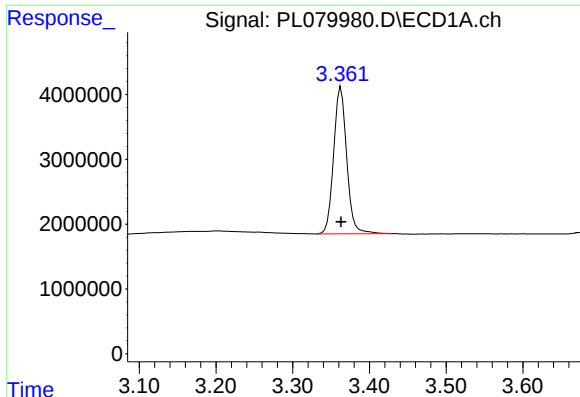
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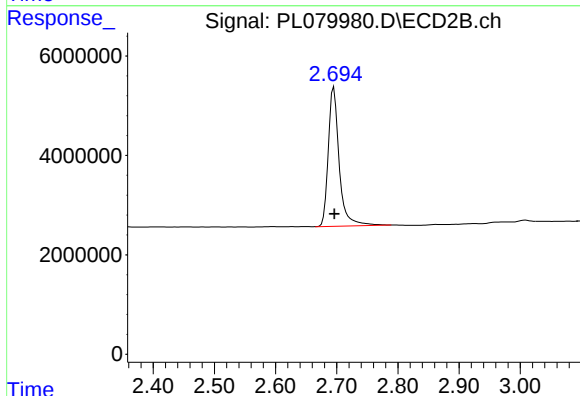
#1 Tetrachloro-m-xylene

R.T.: 3.363 min
Delta R.T.: 0.000 min
Response: 26850807
Conc: 19.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

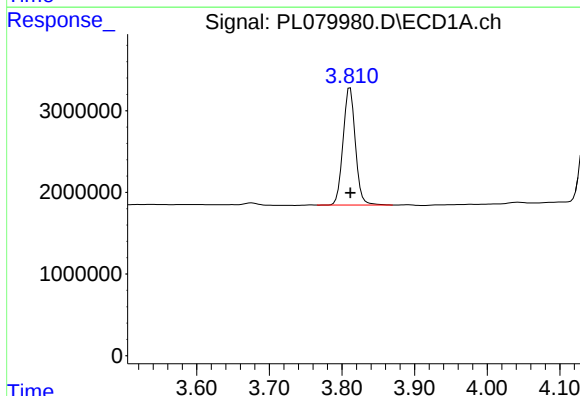
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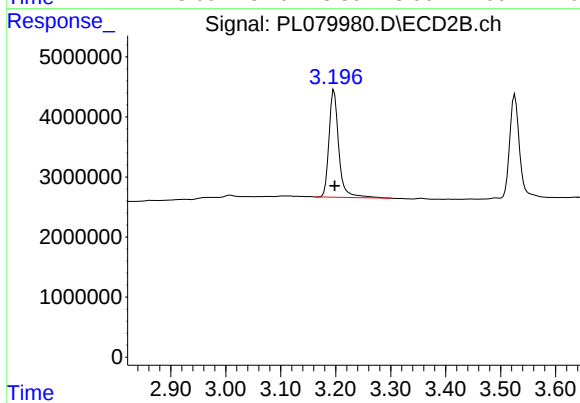
#1 Tetrachloro-m-xylene

R.T.: 2.695 min
Delta R.T.: 0.000 min
Response: 34693651
Conc: 18.88 ng/ml



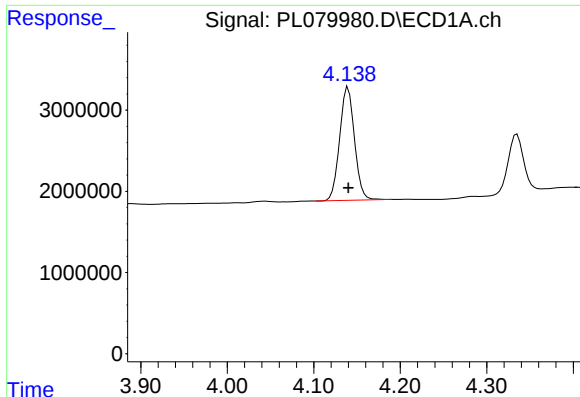
#2 alpha-BHC

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 16912210
Conc: 8.82 ng/ml



#2 alpha-BHC

R.T.: 3.197 min
Delta R.T.: -0.001 min
Response: 22049619
Conc: 8.78 ng/ml



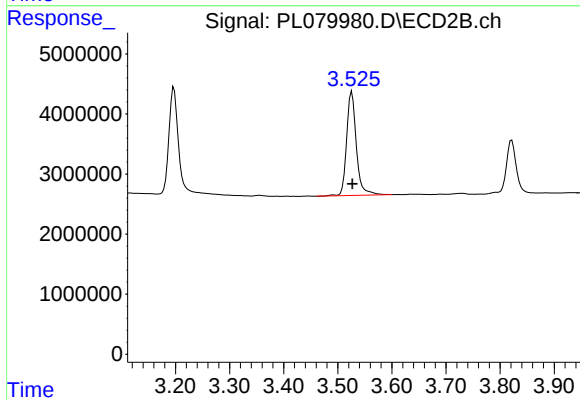
#3 gamma-BHC (Lindane)

R.T.: 4.140 min
Delta R.T.: 0.000 min
Response: 16496406
Conc: 9.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

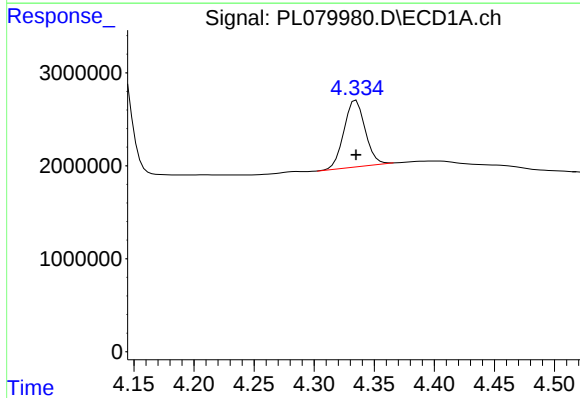
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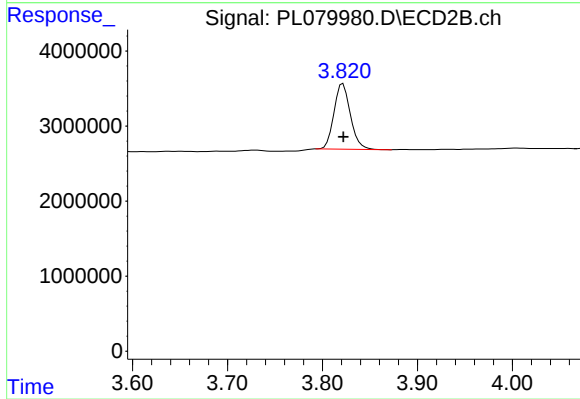
#3 gamma-BHC (Lindane)

R.T.: 3.526 min
Delta R.T.: 0.000 min
Response: 21627966
Conc: 9.05 ng/ml



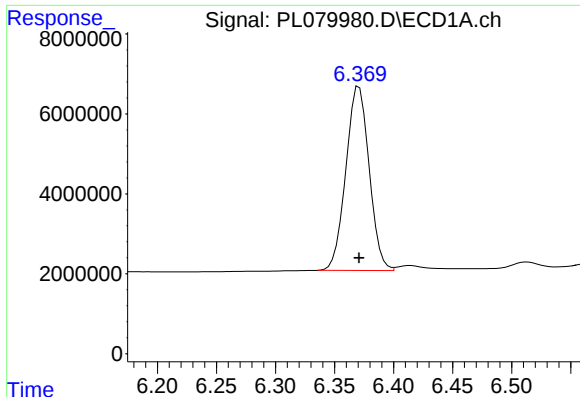
#6 beta-BHC

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 8791121
Conc: 10.38 ng/ml



#6 beta-BHC

R.T.: 3.822 min
Delta R.T.: 0.000 min
Response: 10487609
Conc: 9.78 ng/ml



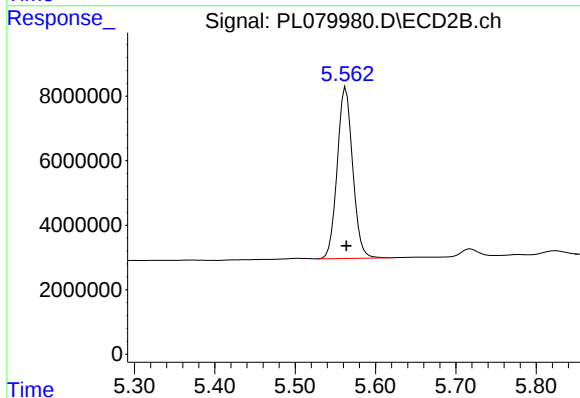
#14 Endrin

R.T.: 6.369 min
Delta R.T.: -0.001 min
Response: 63190198
Conc: 48.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

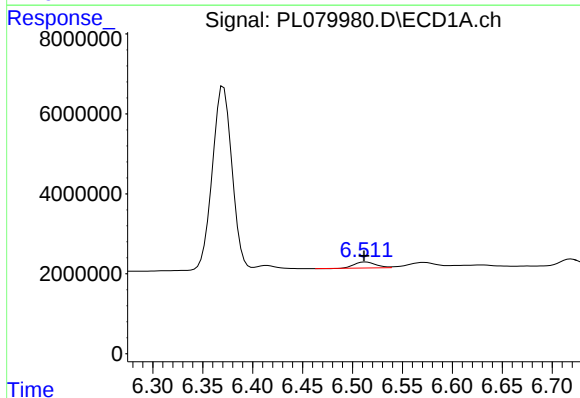
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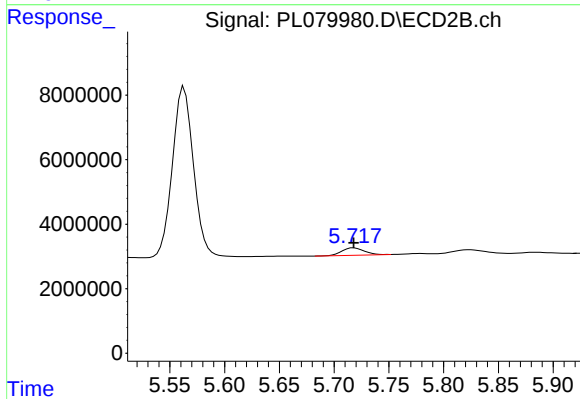
#14 Endrin

R.T.: 5.563 min
Delta R.T.: 0.000 min
Response: 70888227
Conc: 45.80 ng/ml



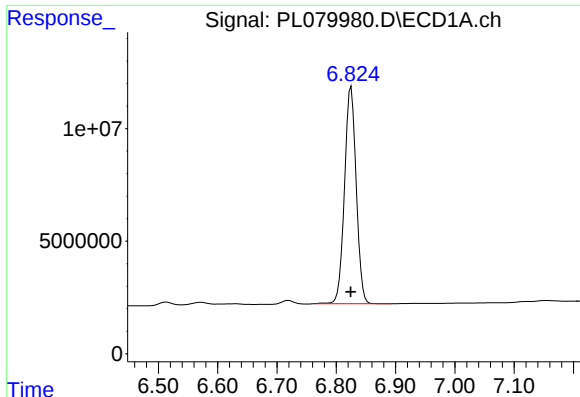
#16 4,4'-DDD

R.T.: 6.513 min
Delta R.T.: 0.002 min
Response: 2248036
Conc: 1.79 ng/ml



#16 4,4'-DDD

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 3236609
Conc: 2.12 ng/ml



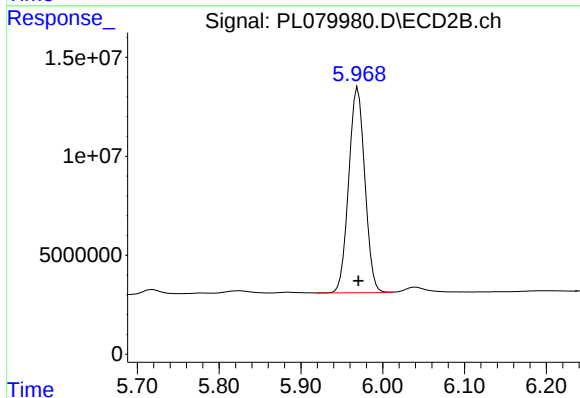
#17 4,4'-DDT

R.T.: 6.825 min
Delta R.T.: 0.000 min
Response: 131950548
Conc: 104.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

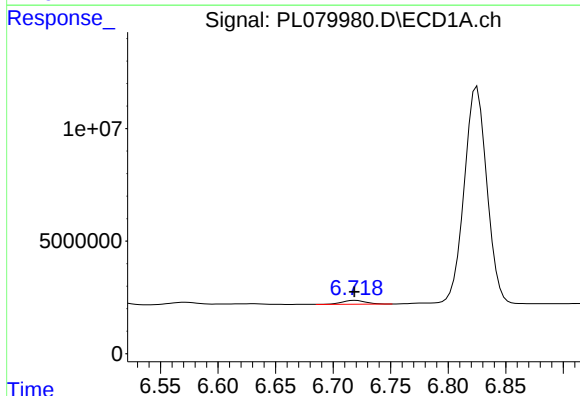
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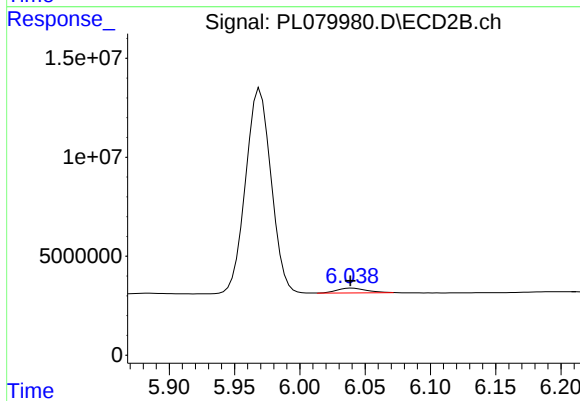
#17 4,4'-DDT

R.T.: 5.970 min
Delta R.T.: 0.000 min
Response: 141335269
Conc: 107.60 ng/ml



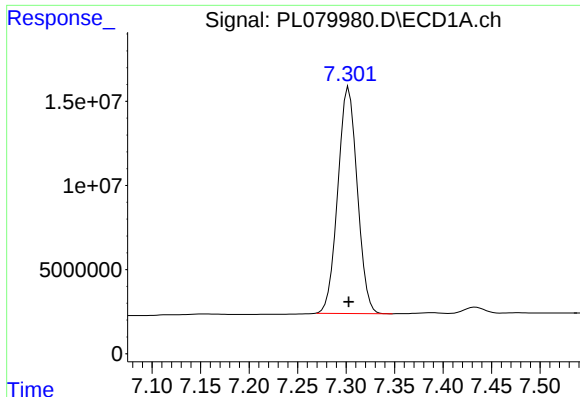
#18 Endrin aldehyde

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 2429434
Conc: 2.22 ng/ml



#18 Endrin aldehyde

R.T.: 6.038 min
Delta R.T.: 0.000 min
Response: 3881541
Conc: 2.88 ng/ml m



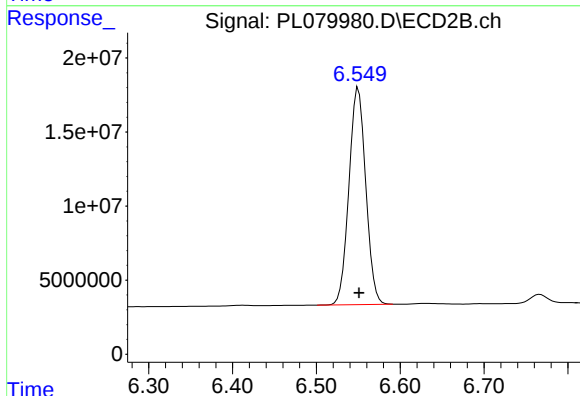
#20 Methoxychlor

R.T.: 7.303 min
Delta R.T.: 0.000 min
Response: 187451608
Conc: 264.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

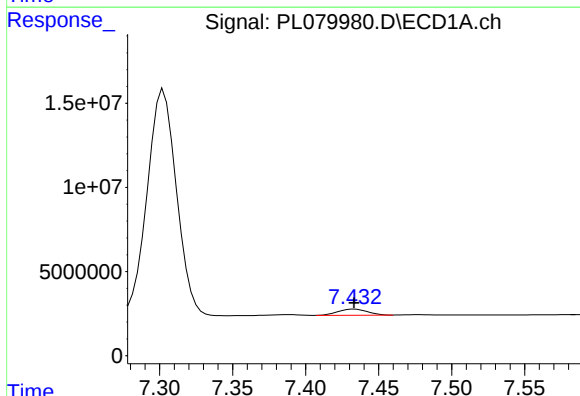
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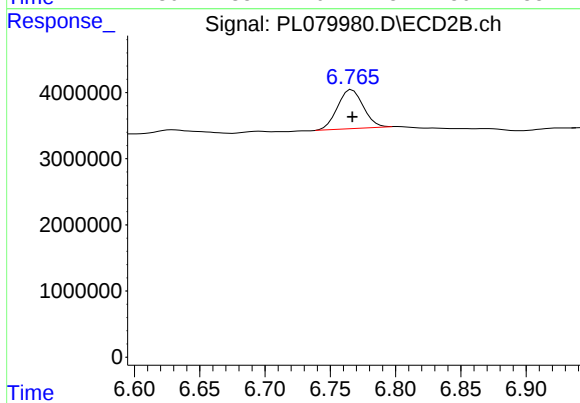
#20 Methoxychlor

R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 204680971
Conc: 265.79 ng/ml



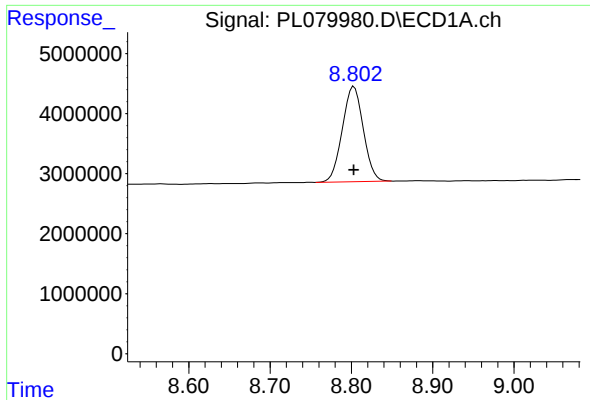
#21 Endrin ketone

R.T.: 7.432 min
Delta R.T.: -0.001 min
Response: 5135078
Conc: 3.39 ng/ml m



#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 8131592
Conc: 4.40 ng/ml m



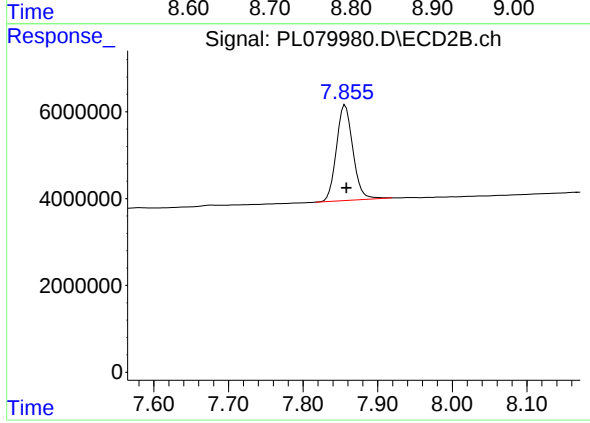
#28 Decachlorobiphenyl

R.T.: 8.803 min
Delta R.T.: 0.000 min
Response: 28455041
Conc: 20.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.857 min
Delta R.T.: -0.002 min
Response: 33853042
Conc: 20.25 ng/ml