

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112922\
 Data File : PL079476.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2022 09:00
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/30/2022
 Supervised By : Ankita Jodhani 11/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 20:36:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112322.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 24 00:09:49 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...	3.319	2.566	47195340	54068355	20.892	19.863
28)	SA Decachlor...	8.767	7.631	40648772	44461001	20.930	18.925
Target Compounds							
2)	A alpha-BHC	3.780	3.052	33389652	42281807	9.710	9.806
3)	MA gamma-BHC...	4.112	3.373	32443857	37931900	10.011	9.742
6)	B beta-BHC	4.329	3.673	15417317	17672484	10.919	11.664
12)	B 4,4'-DDE	5.969	4.971	521598	786021	0.209	0.256m
14)	MA Endrin	6.347	5.362	113.1E6	132.4E6	46.768	43.776
16)	A 4,4'-DDD	6.496	5.522	9361558	11854217	4.718	4.739
17)	MA 4,4'-DDT	6.804	5.768	203.8E6	223.2E6	89.837	85.404
18)	B Endrin al...	6.709	5.838	3334010	5715336	1.841	2.685 #
20)	A Methoxychlor	7.289	6.346	257.7E6	260.3E6	213.599	191.542
21)	B Endrin ke...	7.427	6.555	8073380	12136211	3.272	3.940

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

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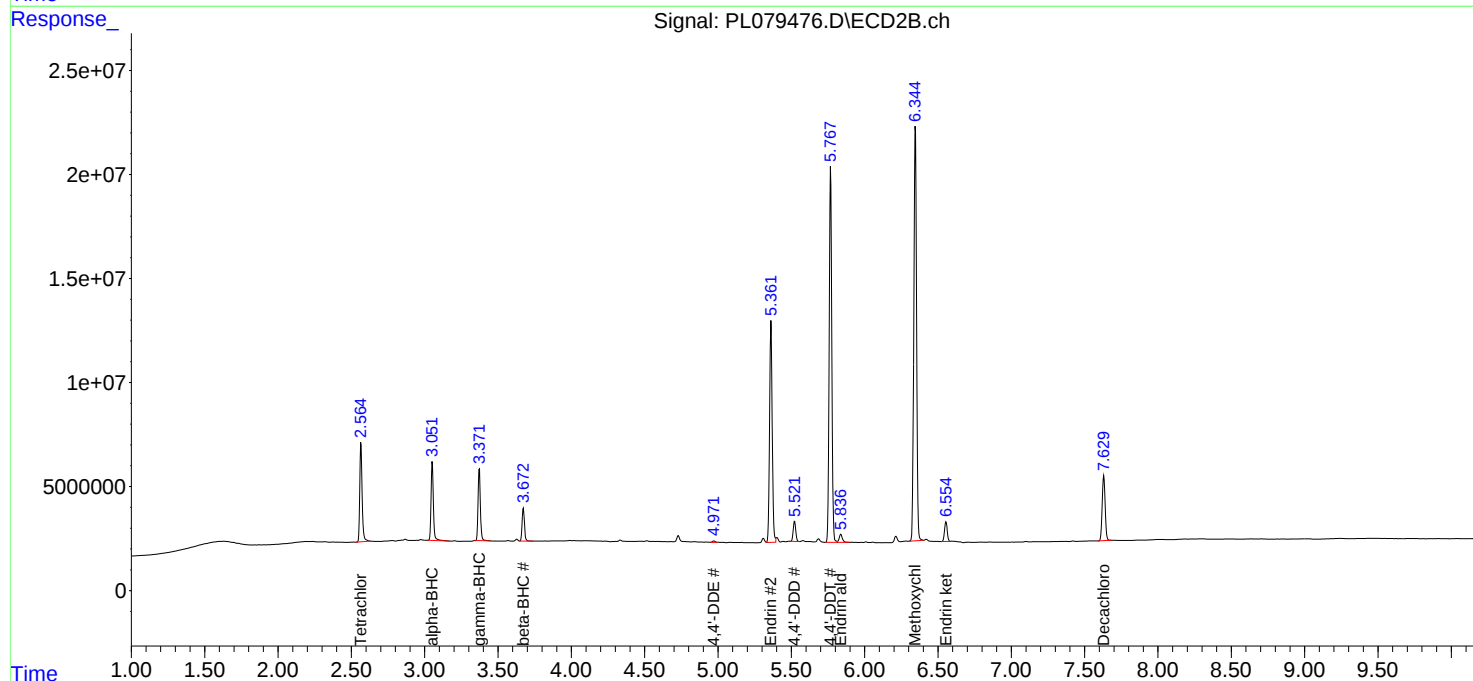
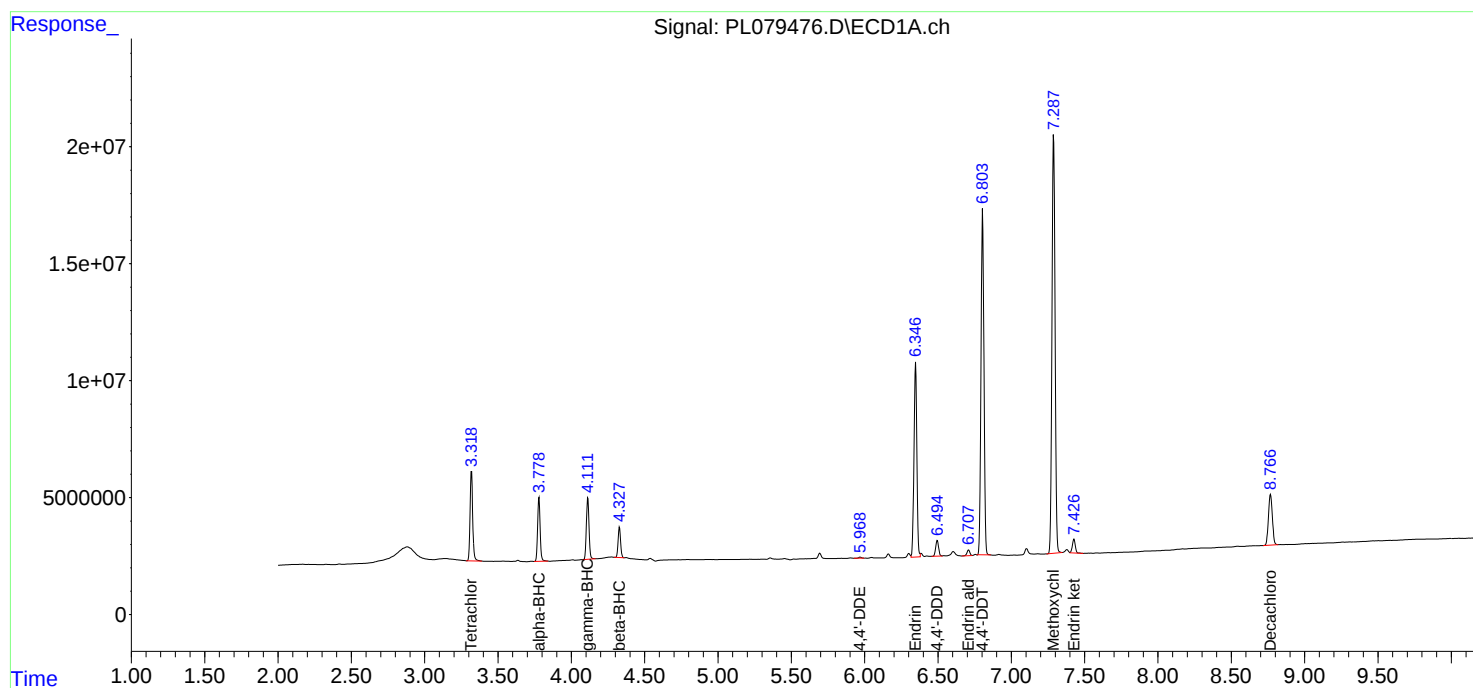
Instrument :
ECD_L
ClientSampleId :
PEM

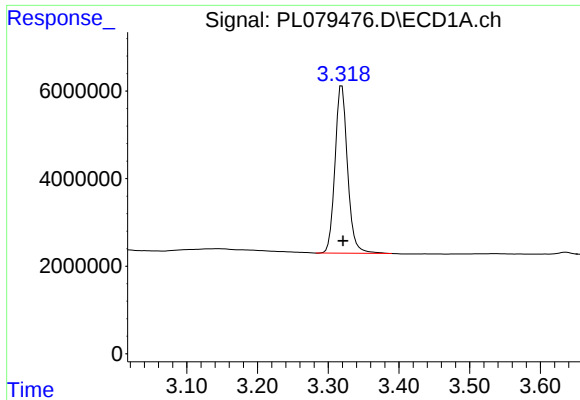
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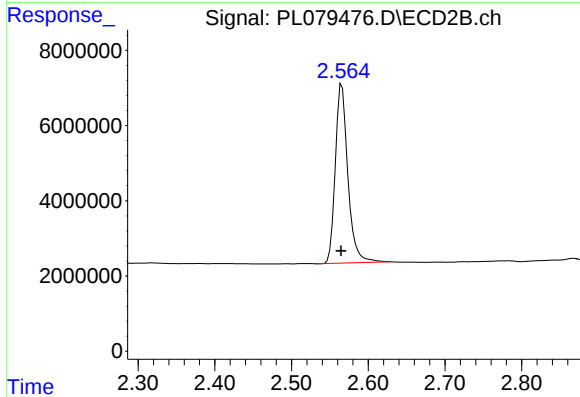
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.002 min
Response: 47195340
Conc: 20.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

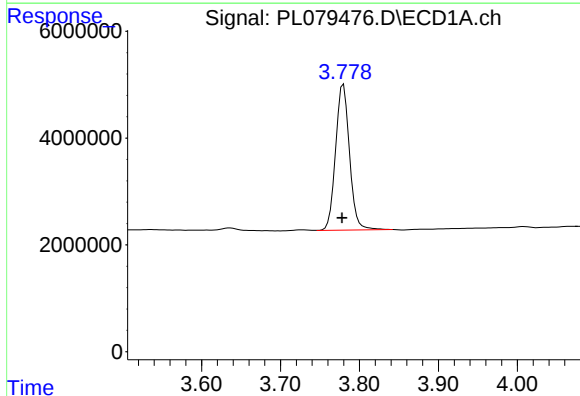
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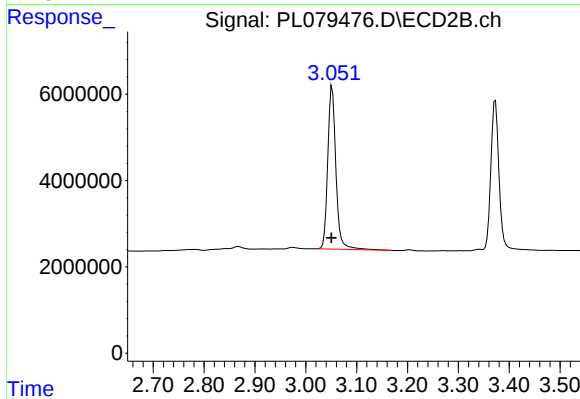
#1 Tetrachloro-m-xylene

R.T.: 2.566 min
Delta R.T.: 0.001 min
Response: 54068355
Conc: 19.86 ng/ml



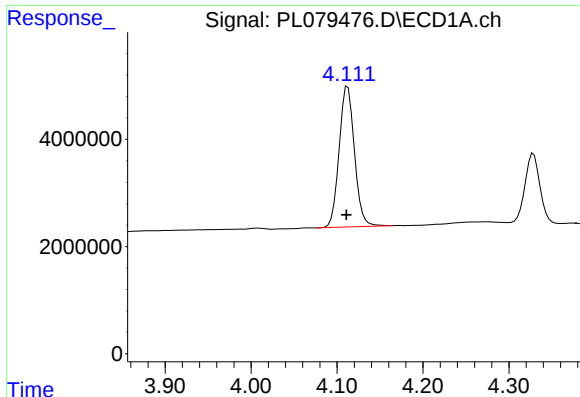
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: 0.002 min
Response: 33389652
Conc: 9.71 ng/ml



#2 alpha-BHC

R.T.: 3.052 min
Delta R.T.: 0.001 min
Response: 42281807
Conc: 9.81 ng/ml



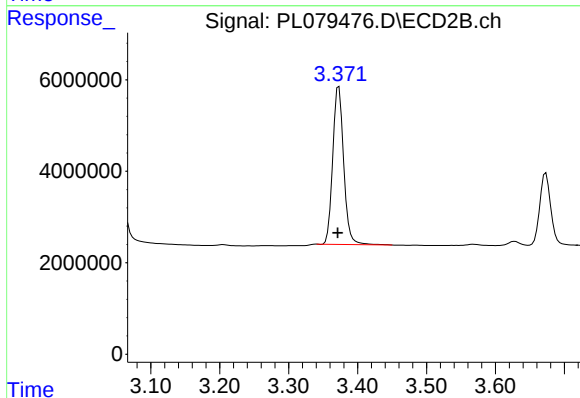
#3 gamma-BHC (Lindane)

R.T.: 4.112 min
Delta R.T.: 0.002 min
Response: 32443857
Conc: 10.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

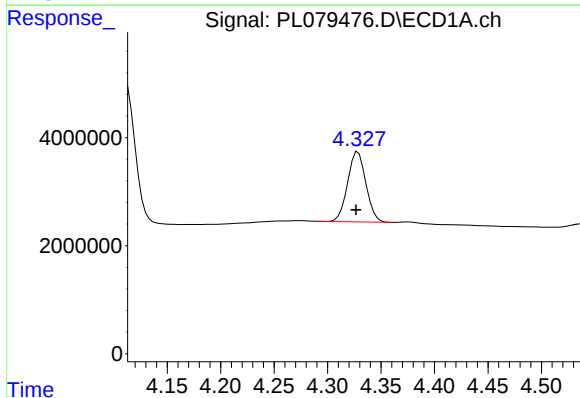
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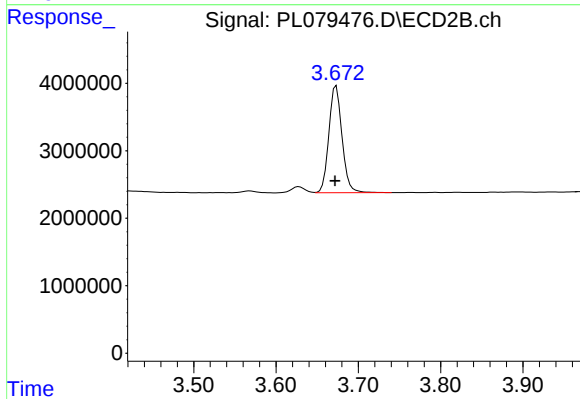
#3 gamma-BHC (Lindane)

R.T.: 3.373 min
Delta R.T.: 0.002 min
Response: 37931900
Conc: 9.74 ng/ml



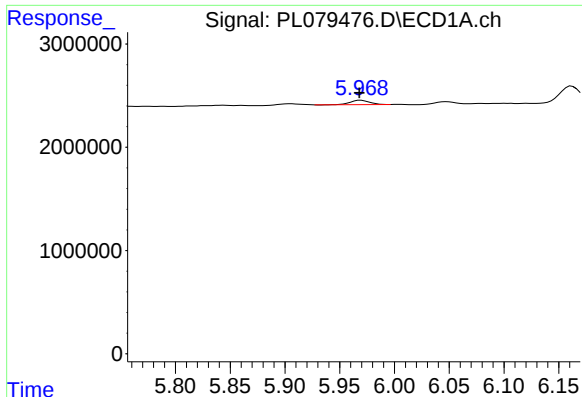
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: 0.002 min
Response: 15417317
Conc: 10.92 ng/ml



#6 beta-BHC

R.T.: 3.673 min
Delta R.T.: 0.001 min
Response: 17672484
Conc: 11.66 ng/ml



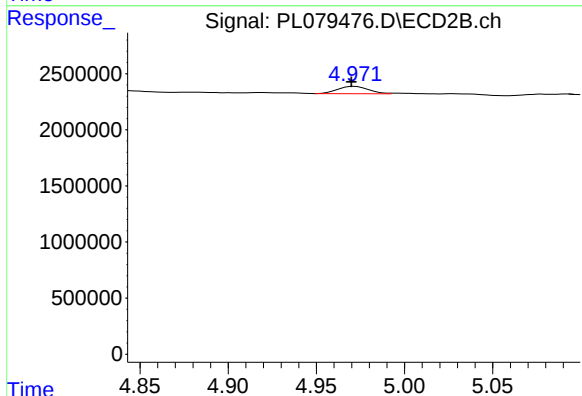
#12 4,4'-DDE

R.T.: 5.969 min
Delta R.T.: 0.001 min
Response: 521598
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

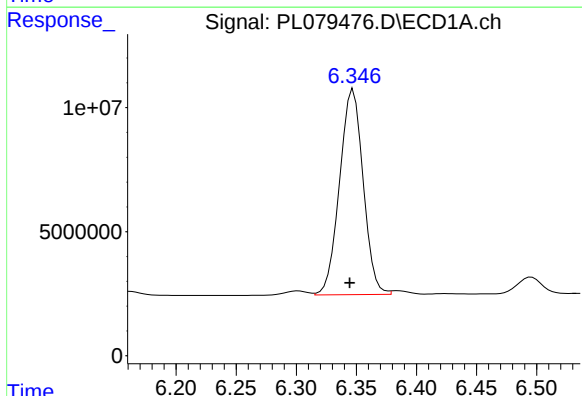
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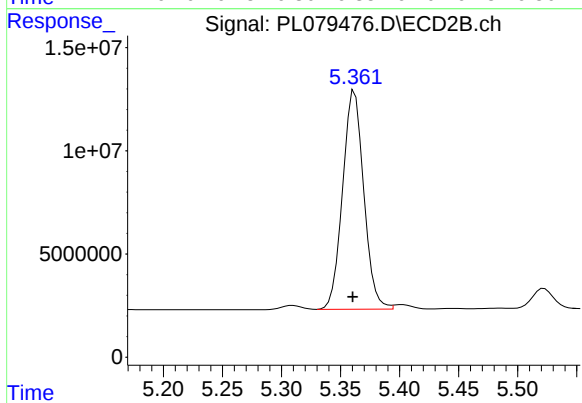
#12 4,4'-DDE

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 786021
Conc: 0.26 ng/ml m



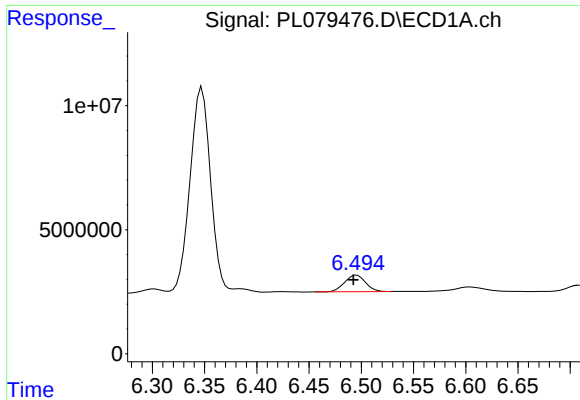
#14 Endrin

R.T.: 6.347 min
Delta R.T.: 0.003 min
Response: 113141903
Conc: 46.77 ng/ml



#14 Endrin

R.T.: 5.362 min
Delta R.T.: 0.002 min
Response: 132411504
Conc: 43.78 ng/ml



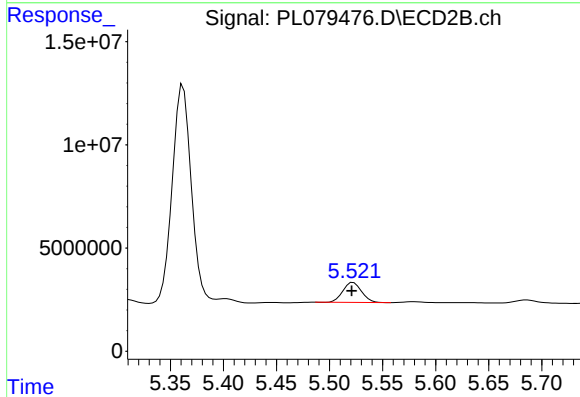
#16 4,4'-DDD

R.T.: 6.496 min
Delta R.T.: 0.003 min
Response: 9361558
Conc: 4.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

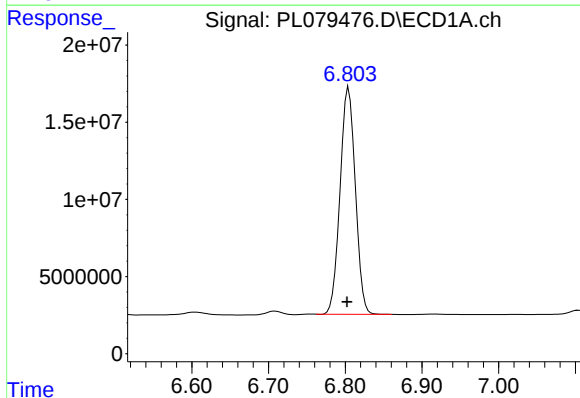
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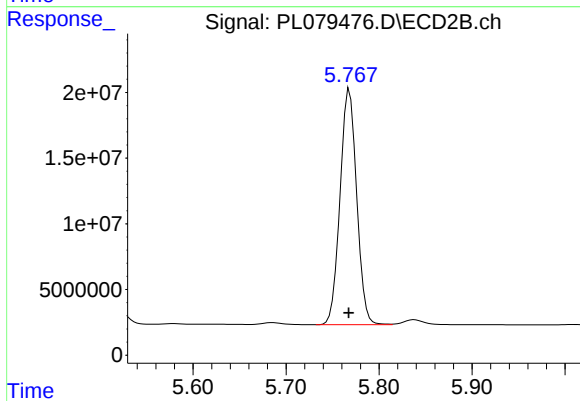
#16 4,4'-DDD

R.T.: 5.522 min
Delta R.T.: 0.001 min
Response: 11854217
Conc: 4.74 ng/ml



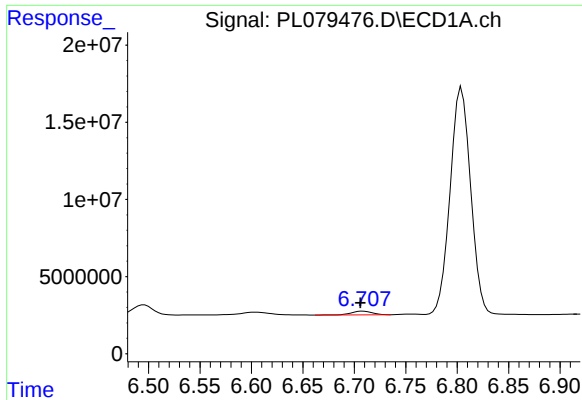
#17 4,4'-DDT

R.T.: 6.804 min
Delta R.T.: 0.002 min
Response: 203782759
Conc: 89.84 ng/ml



#17 4,4'-DDT

R.T.: 5.768 min
Delta R.T.: 0.001 min
Response: 223209607
Conc: 85.40 ng/ml



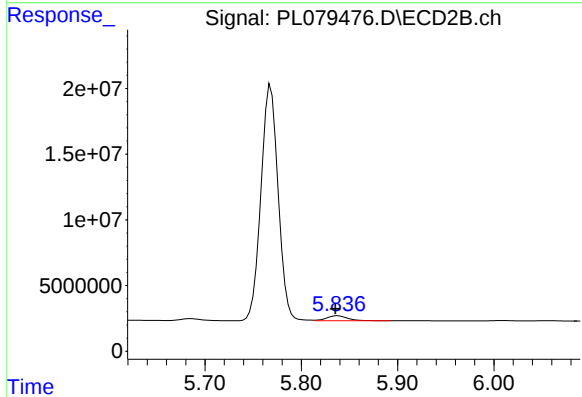
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: 0.003 min
Response: 3334010
Conc: 1.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

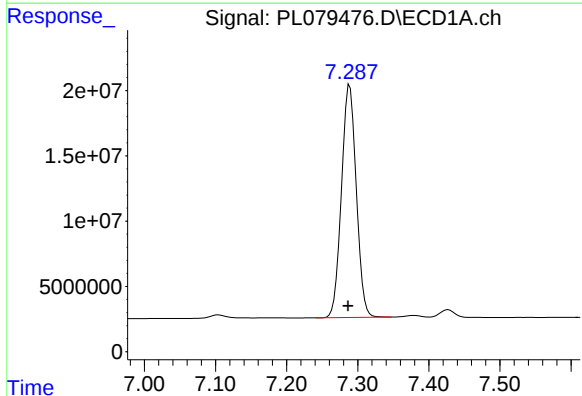
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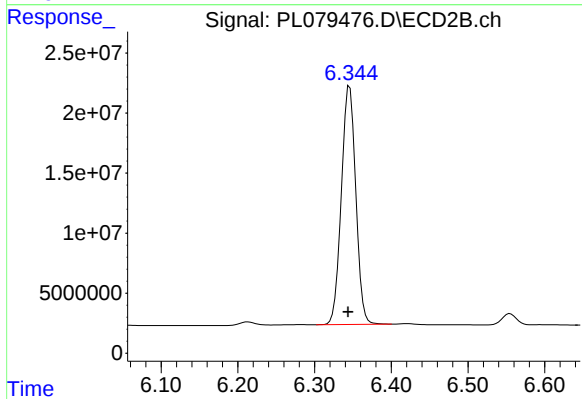
#18 Endrin aldehyde

R.T.: 5.838 min
Delta R.T.: 0.002 min
Response: 5715336
Conc: 2.69 ng/ml



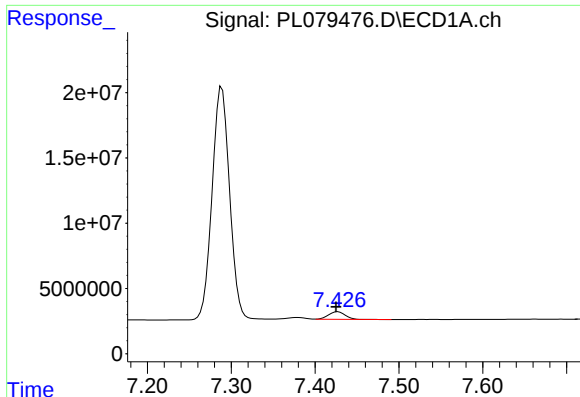
#20 Methoxychlor

R.T.: 7.289 min
Delta R.T.: 0.002 min
Response: 257683486
Conc: 213.60 ng/ml



#20 Methoxychlor

R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 260337256
Conc: 191.54 ng/ml



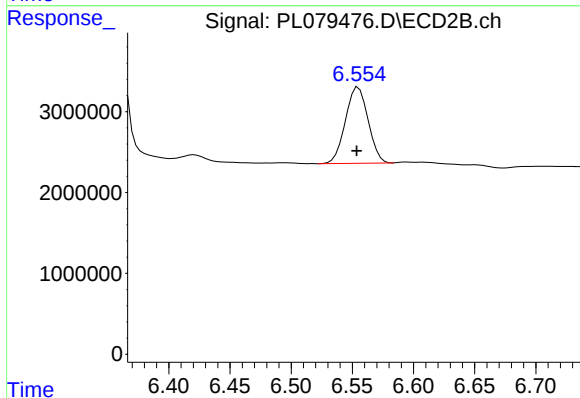
#21 Endrin ketone

R.T.: 7.427 min
Delta R.T.: 0.002 min
Response: 8073380
Conc: 3.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

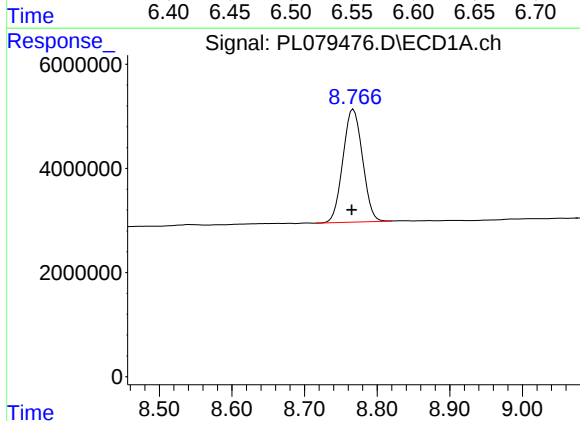
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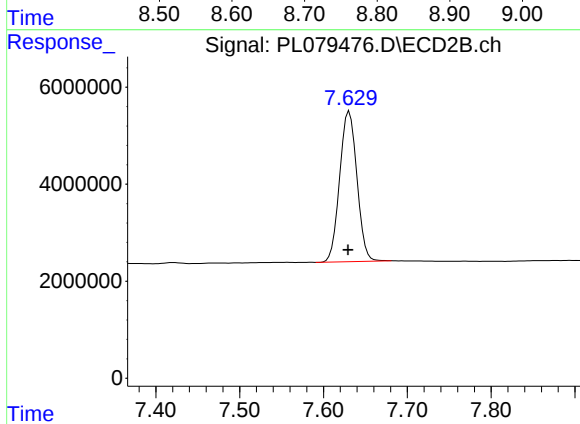
#21 Endrin ketone

R.T.: 6.555 min
Delta R.T.: 0.001 min
Response: 12136211
Conc: 3.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.767 min
Delta R.T.: 0.002 min
Response: 40648772
Conc: 20.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.631 min
Delta R.T.: 0.002 min
Response: 44461001
Conc: 18.93 ng/ml