

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121922\
 Data File : PL079757.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Dec 2022 09:24
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/20/2022
 Supervised By : Ankita Jodhani 12/20/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 20:18:41 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...	3.318	2.563	50341925	59500905	22.285	21.859
28)	SA Decachlor...	8.770	7.632	37828082	42387157	19.478	18.043
Target Compounds							
2)	A alpha-BHC	3.779	3.050	35051543	46040021	10.193	10.677
3)	MA gamma-BHC...	4.112	3.372	34782512	41771180	10.733	10.728
6)	B beta-BHC	4.329	3.671	16411883	18837661	11.623	12.433m
12)	B 4,4'-DDE	5.971	4.972	604010	545993	0.242m	0.178 #
14)	MA Endrin	6.348	5.362	114.7E6	140.8E6	47.410	46.560
16)	A 4,4'-DDD	6.496	5.523	9301502	11998571	4.688	4.797
17)	MA 4,4'-DDT	6.806	5.769	221.0E6	260.8E6	97.430	99.779
18)	B Endrin al...	6.710	5.839	3777405	5864428	2.086	2.755 #
20)	A Methoxychlor	7.291	6.346	275.0E6	313.3E6	227.962	230.491
21)	B Endrin ke...	7.429	6.556	9267931	13736679	3.756	4.460

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

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Acq On : 19 Dec 2022 09:24
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

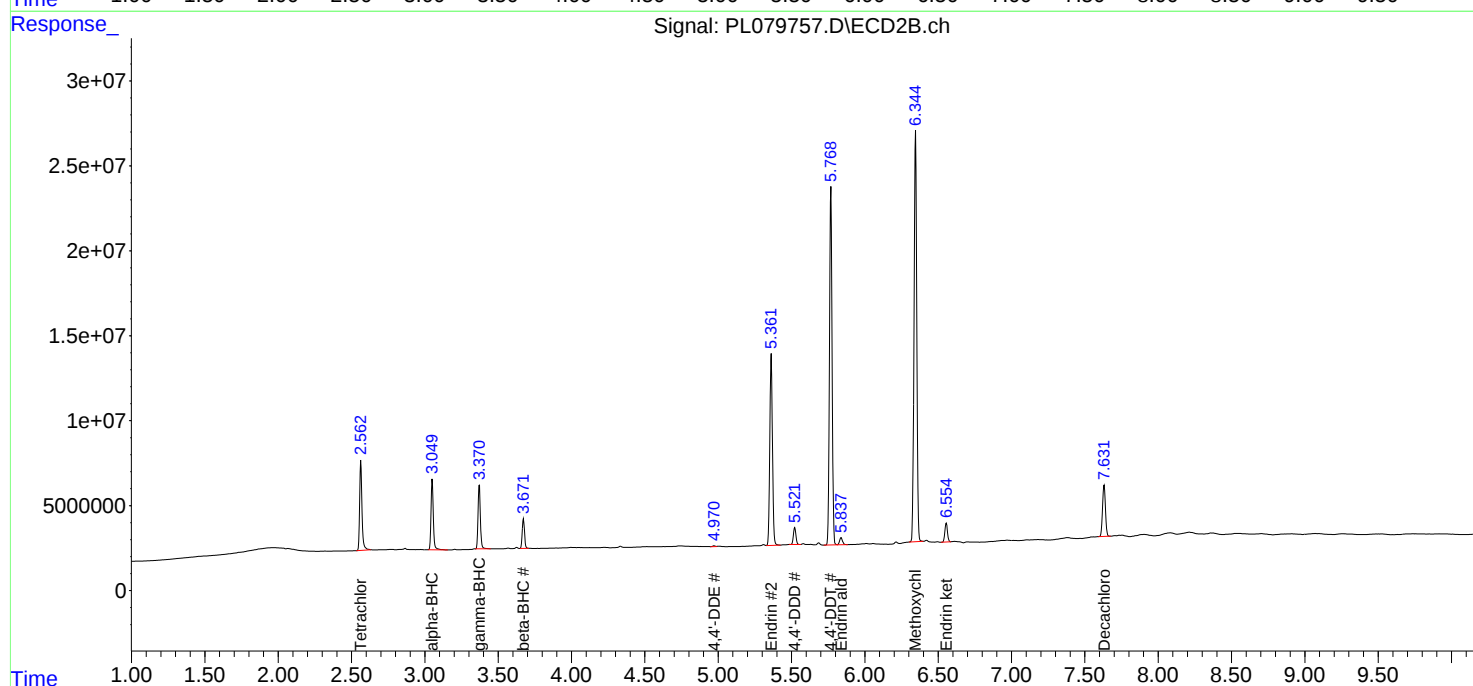
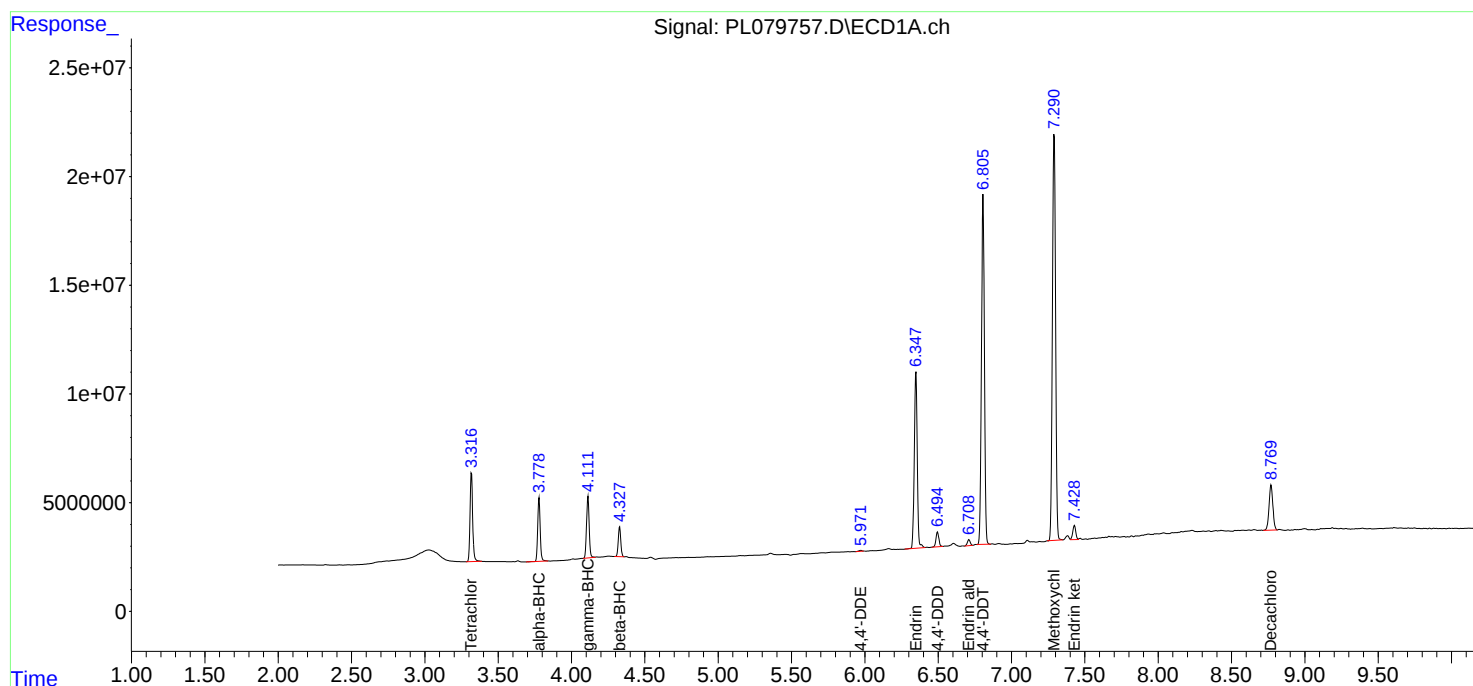
Instrument :
ECD_L
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PEM

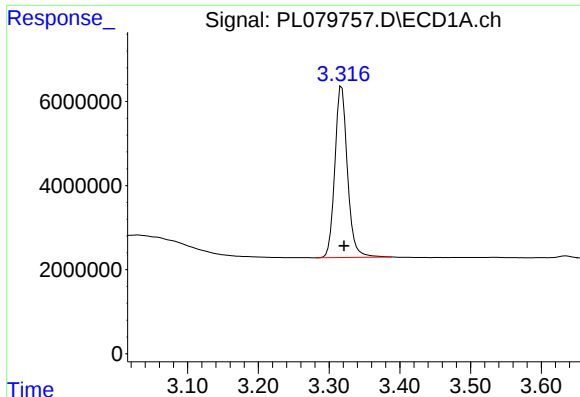
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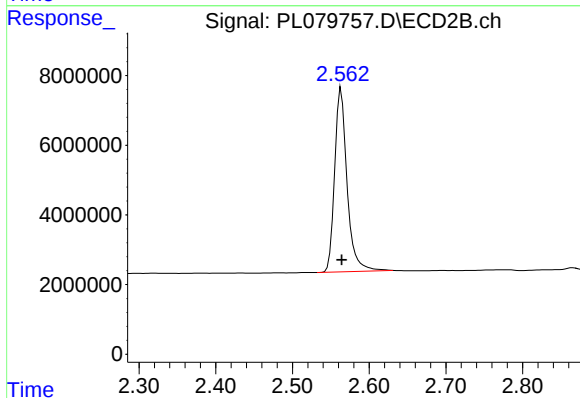
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: -0.003 min
Response: 50341925
Conc: 22.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

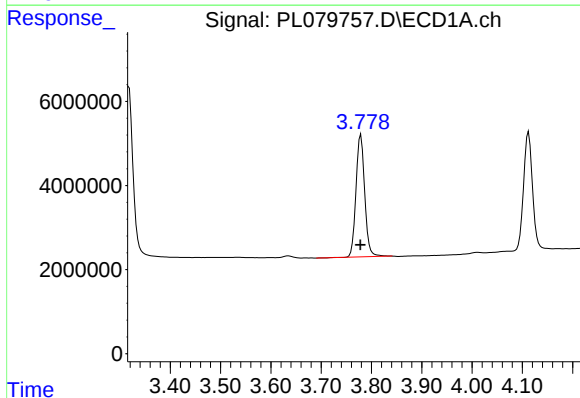
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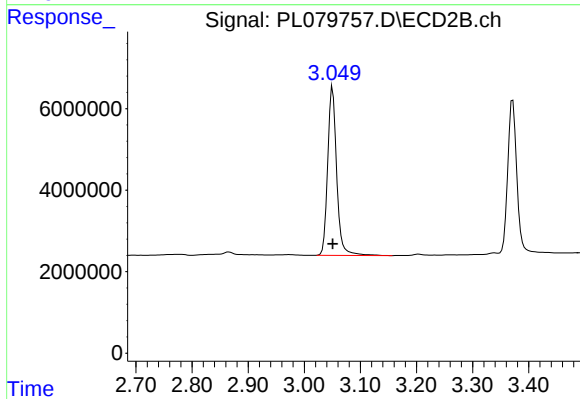
#1 Tetrachloro-m-xylene

R.T.: 2.563 min
Delta R.T.: 0.000 min
Response: 59500905
Conc: 21.86 ng/ml



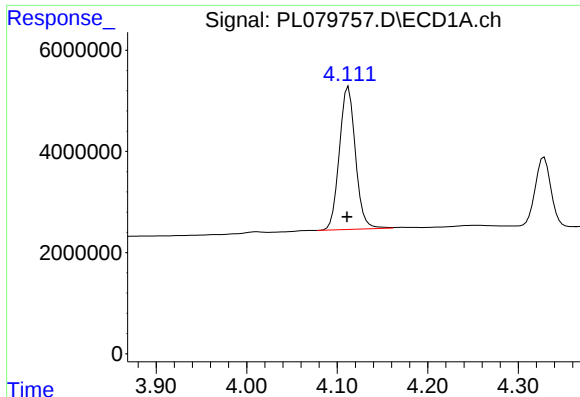
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: 0.000 min
Response: 35051543
Conc: 10.19 ng/ml



#2 alpha-BHC

R.T.: 3.050 min
Delta R.T.: 0.000 min
Response: 46040021
Conc: 10.68 ng/ml



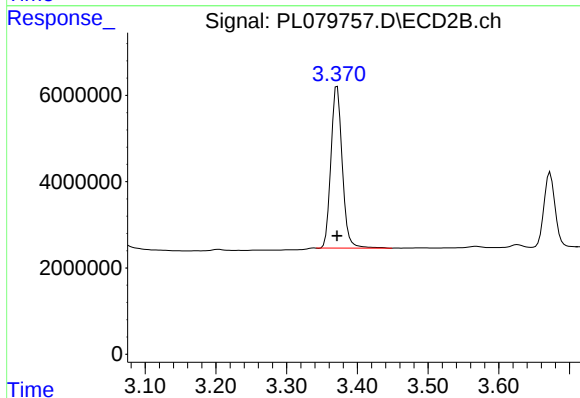
#3 gamma-BHC (Lindane)

R.T.: 4.112 min
Delta R.T.: 0.002 min
Response: 34782512
Conc: 10.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

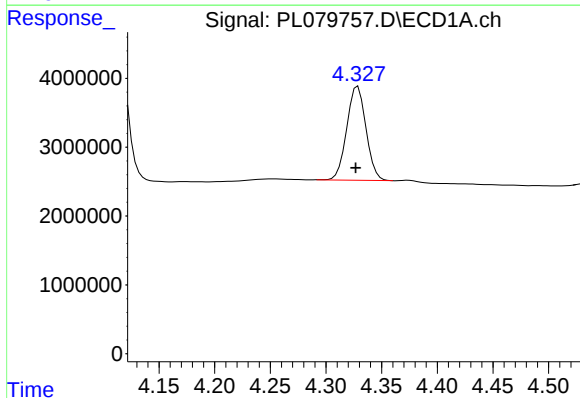
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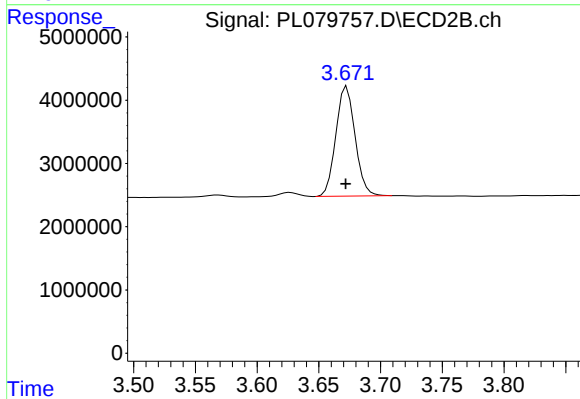
#3 gamma-BHC (Lindane)

R.T.: 3.372 min
Delta R.T.: 0.000 min
Response: 41771180
Conc: 10.73 ng/ml



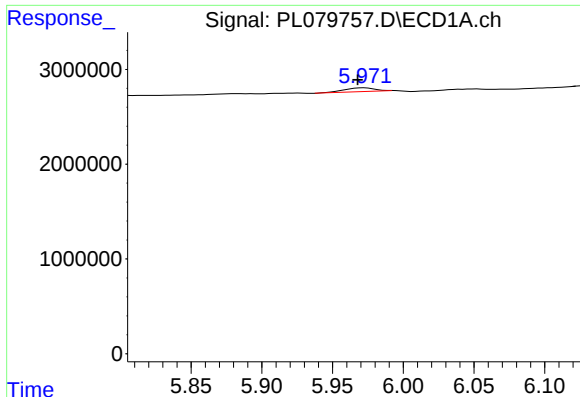
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: 0.002 min
Response: 16411883
Conc: 11.62 ng/ml



#6 beta-BHC

R.T.: 3.671 min
Delta R.T.: 0.000 min
Response: 18837661
Conc: 12.43 ng/ml m



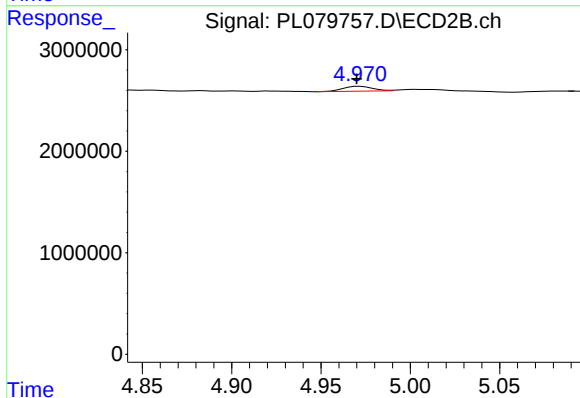
#12 4,4'-DDE

R.T.: 5.971 min
Delta R.T.: 0.003 min
Response: 604010
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

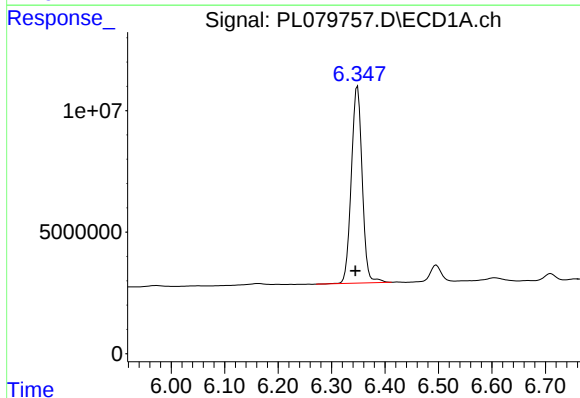
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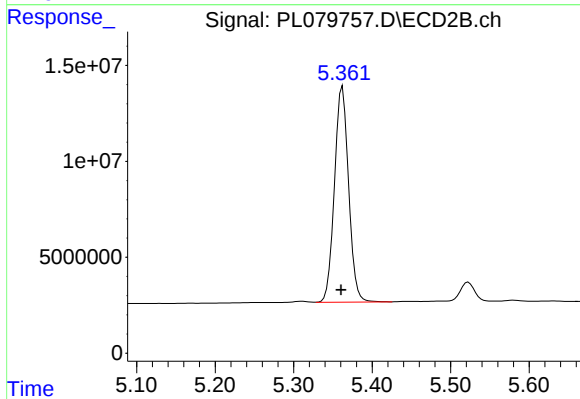
#12 4,4'-DDE

R.T.: 4.972 min
Delta R.T.: 0.002 min
Response: 545993
Conc: 0.18 ng/ml



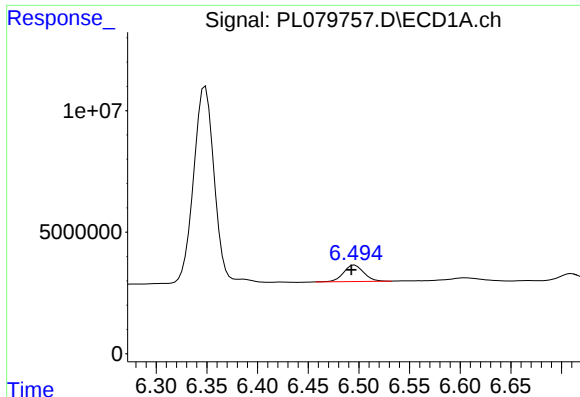
#14 Endrin

R.T.: 6.348 min
Delta R.T.: 0.004 min
Response: 114692899
Conc: 47.41 ng/ml



#14 Endrin

R.T.: 5.362 min
Delta R.T.: 0.002 min
Response: 140832798
Conc: 46.56 ng/ml



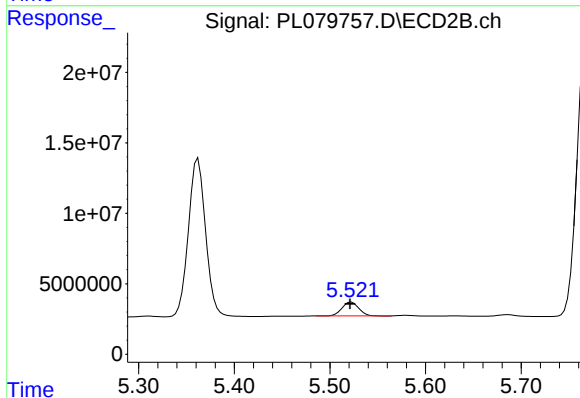
#16 4,4'-DDD

R.T.: 6.496 min
Delta R.T.: 0.003 min
Response: 9301502
Conc: 4.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

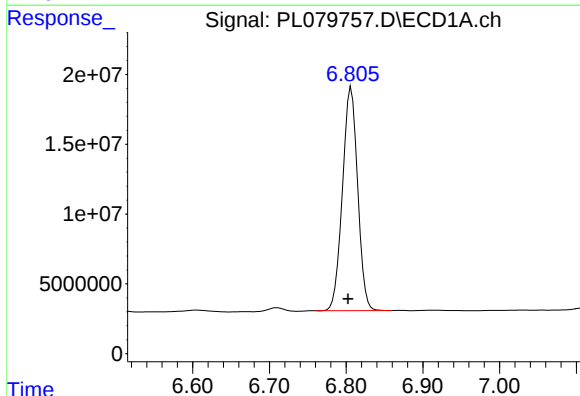
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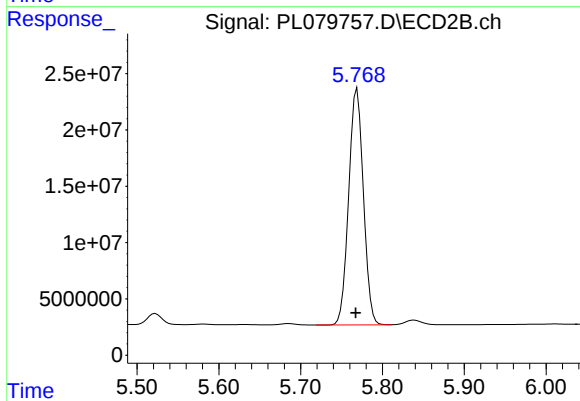
#16 4,4'-DDD

R.T.: 5.523 min
Delta R.T.: 0.002 min
Response: 11998571
Conc: 4.80 ng/ml



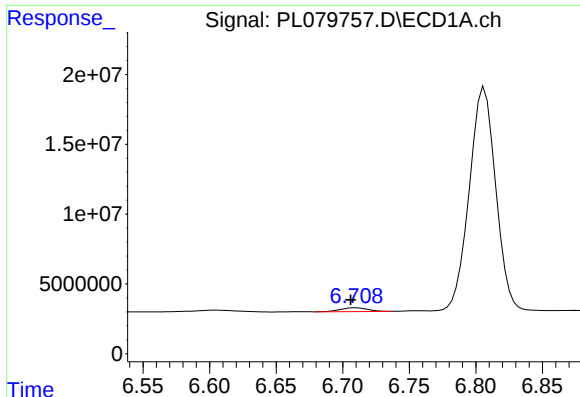
#17 4,4'-DDT

R.T.: 6.806 min
Delta R.T.: 0.004 min
Response: 221006419
Conc: 97.43 ng/ml



#17 4,4'-DDT

R.T.: 5.769 min
Delta R.T.: 0.002 min
Response: 260782115
Conc: 99.78 ng/ml



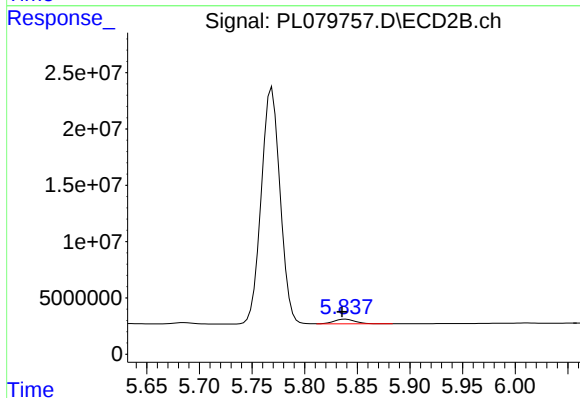
#18 Endrin aldehyde

R.T.: 6.710 min
Delta R.T.: 0.004 min
Response: 3777405
Conc: 2.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

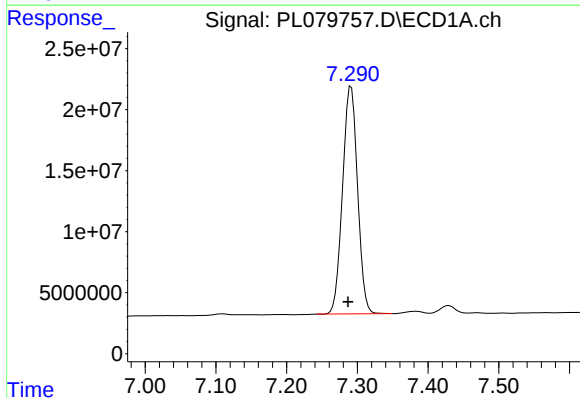
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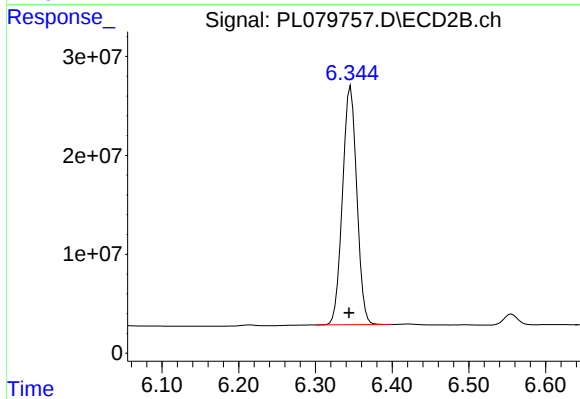
#18 Endrin aldehyde

R.T.: 5.839 min
Delta R.T.: 0.003 min
Response: 5864428
Conc: 2.76 ng/ml



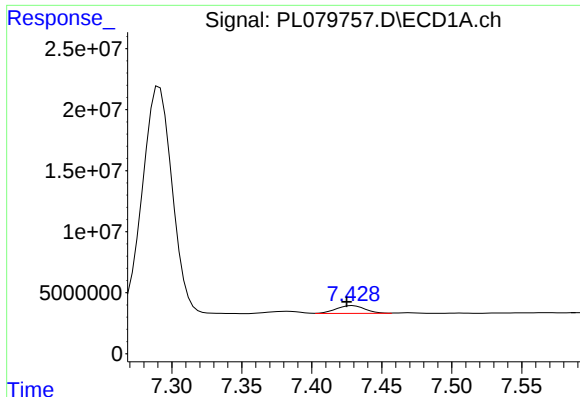
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: 0.005 min
Response: 275011494
Conc: 227.96 ng/ml



#20 Methoxychlor

R.T.: 6.346 min
Delta R.T.: 0.002 min
Response: 313276212
Conc: 230.49 ng/ml



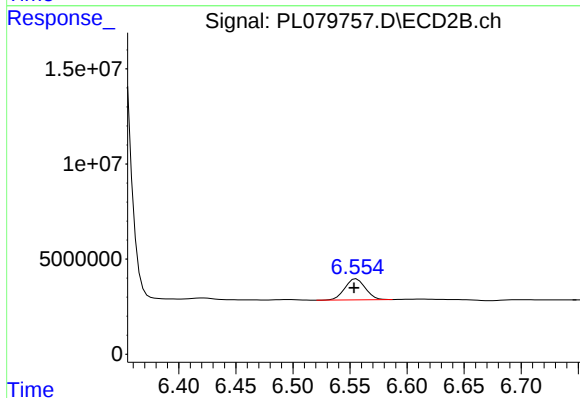
#21 Endrin ketone

R.T.: 7.429 min
Delta R.T.: 0.004 min
Response: 9267931
Conc: 3.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

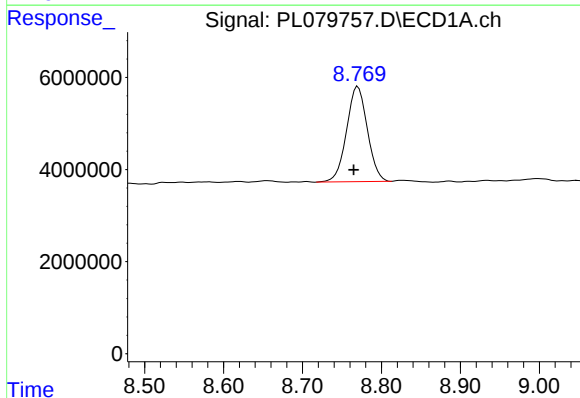
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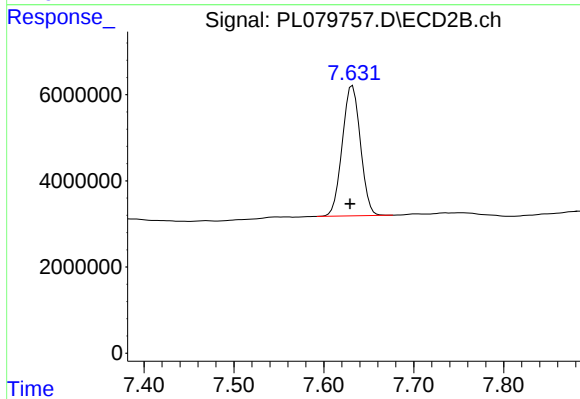
#21 Endrin ketone

R.T.: 6.556 min
Delta R.T.: 0.002 min
Response: 13736679
Conc: 4.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.770 min
Delta R.T.: 0.005 min
Response: 37828082
Conc: 19.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.632 min
Delta R.T.: 0.003 min
Response: 42387157
Conc: 18.04 ng/ml