

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122322\
 Data File : PL079871.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2022 14:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/27/2022
 Supervised By : Ankita Jodhani 12/28/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 25 19:59:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122322.M
 Quant Title : GC Extractables
 QLast Update : Sun Dec 25 19:58:15 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...	3.317	2.564	49962480	61874523	21.307	21.839
28)	SA Decachlor...	8.773	7.633	43163180	50866953	21.962	22.294
Target Compounds							
2)	A alpha-BHC	3.778	3.051	35345348	49297767	9.795	10.977
3)	MA gamma-BHC...	4.112	3.372	34682639	41891073	10.230	10.493
6)	B beta-BHC	4.328	3.673	15987223	20496279	10.943	13.263
14)	MA Endrin	6.347	5.363	128.0E6	149.1E6	50.339	50.359
16)	A 4,4'-DDD	6.497	5.523	634947	1175697	0.302m	0.454m#
17)	MA 4,4'-DDT	6.806	5.769	252.9E6	295.9E6	107.367	110.516
18)	B Endrin al...	6.709	5.840	2352063	4924924	1.251	2.253 #
20)	A Methoxychlor	7.292	6.347	328.2E6	354.7E6	270.978	254.605
21)	B Endrin ke...	7.429	6.557	4495430	6968858	1.781	2.231 #

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

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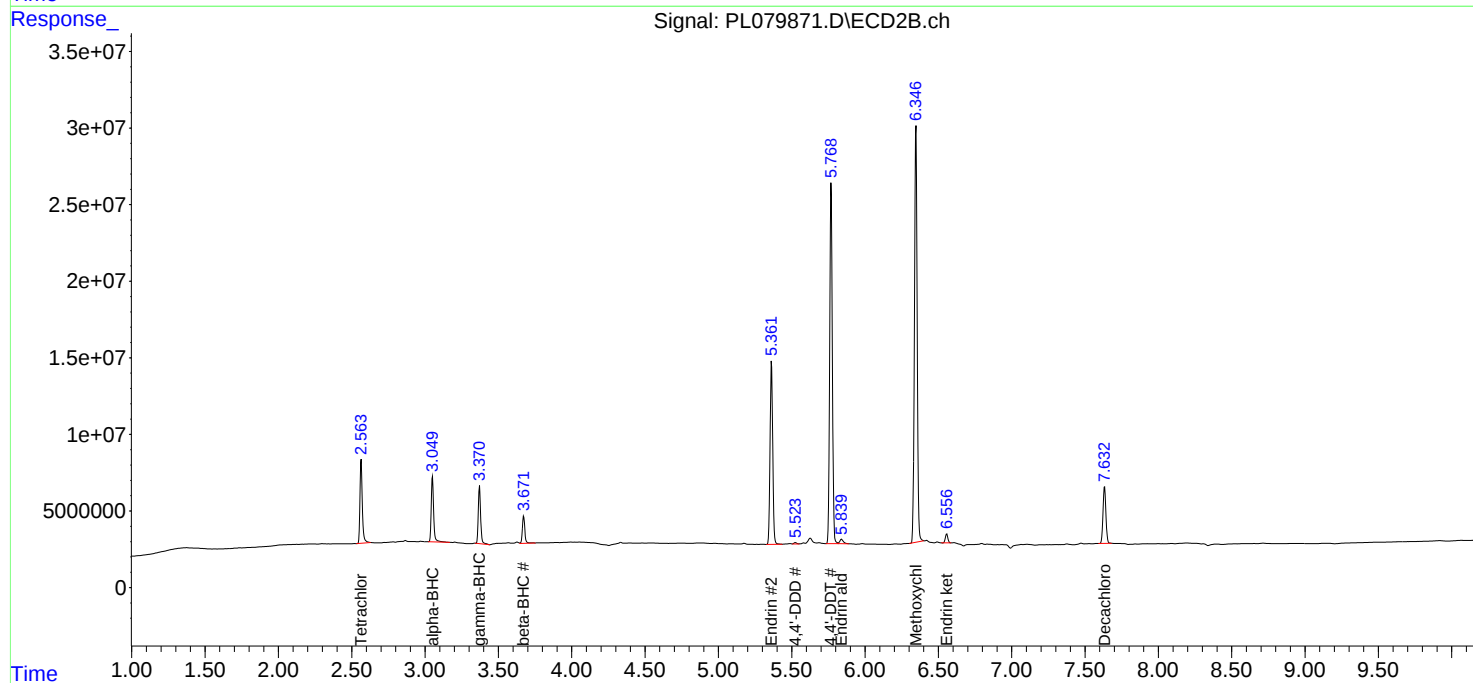
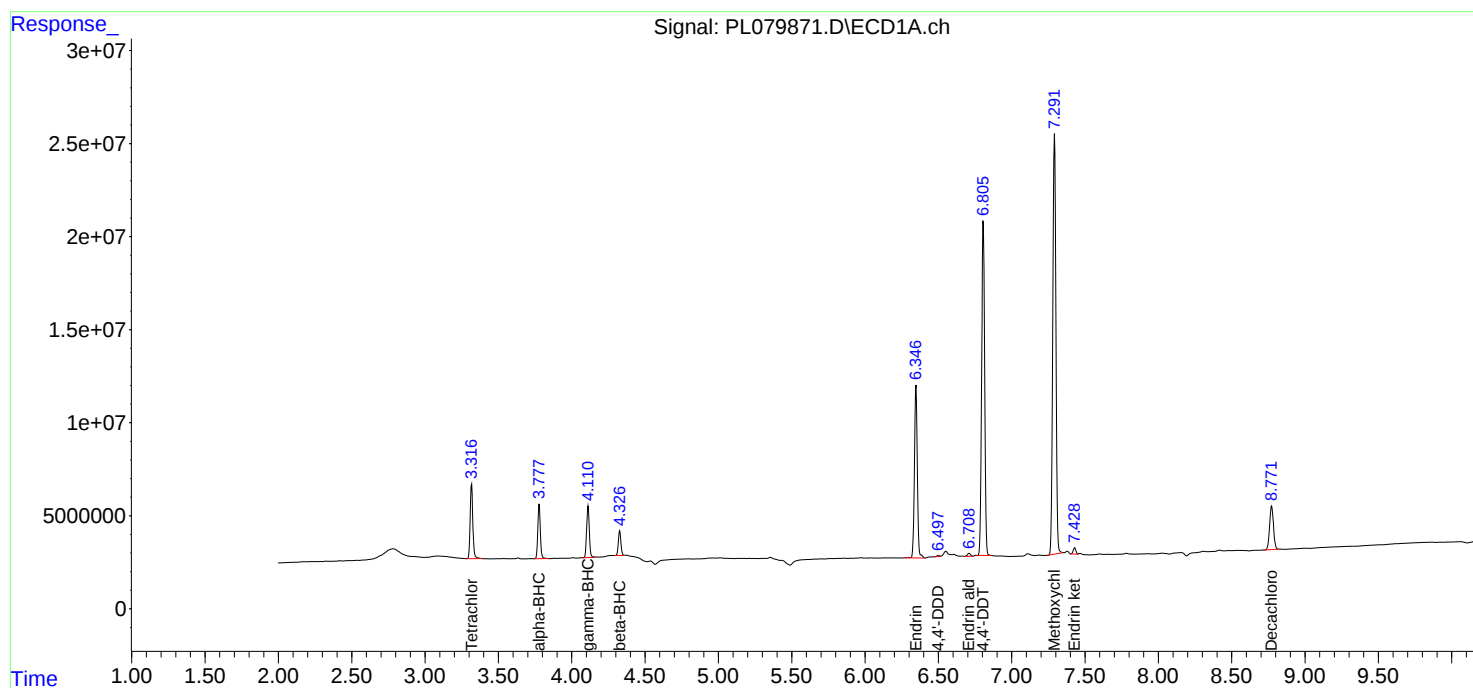
Instrument :
ECD_L
ClientSampleId :
PEM

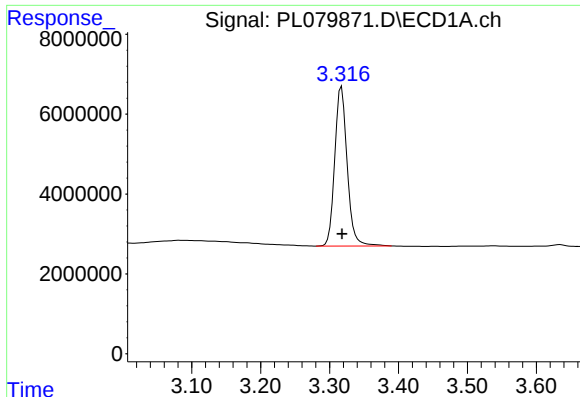
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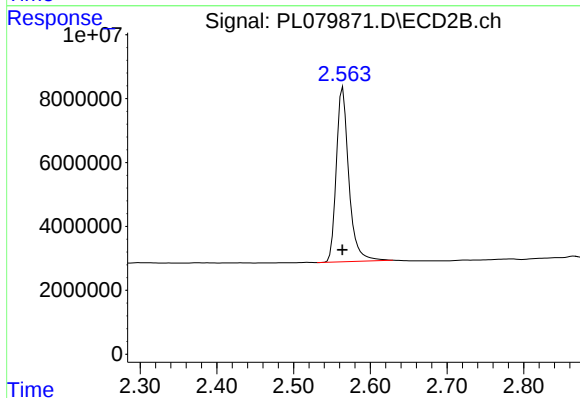
#1 Tetrachloro-m-xylene

R.T.: 3.317 min
Delta R.T.: 0.000 min
Response: 49962480
Conc: 21.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

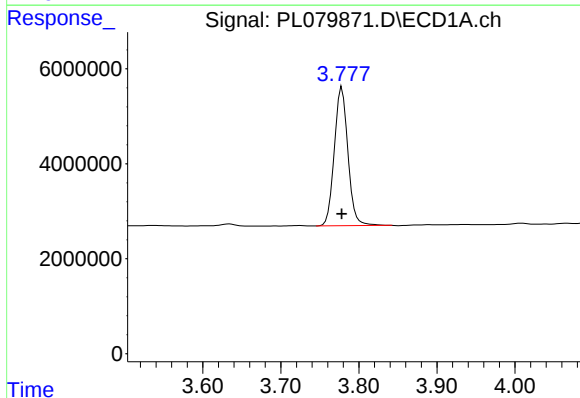
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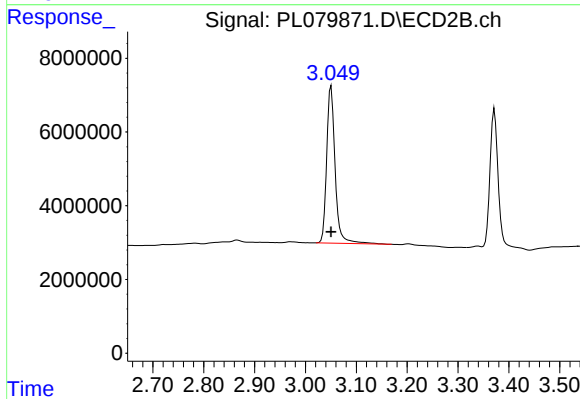
#1 Tetrachloro-m-xylene

R.T.: 2.564 min
Delta R.T.: 0.000 min
Response: 61874523
Conc: 21.84 ng/ml



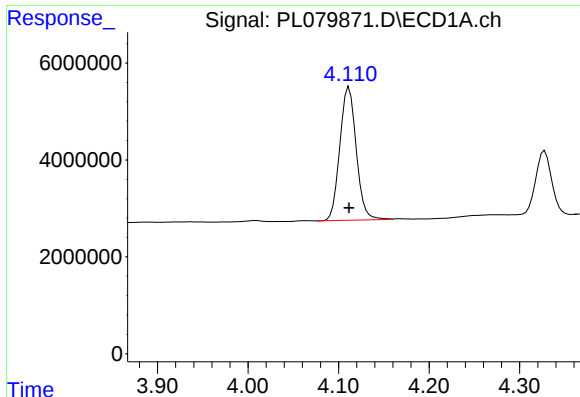
#2 alpha-BHC

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 35345348
Conc: 9.79 ng/ml



#2 alpha-BHC

R.T.: 3.051 min
Delta R.T.: 0.000 min
Response: 49297767
Conc: 10.98 ng/ml



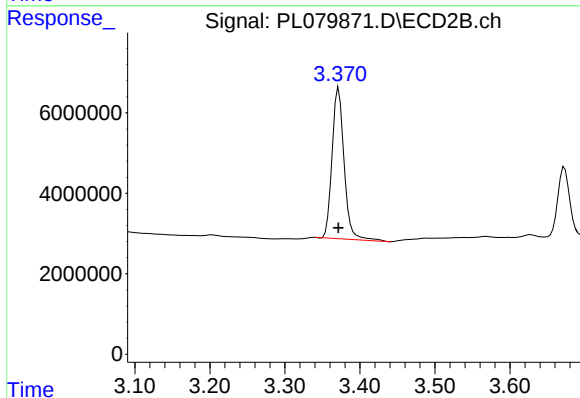
#3 gamma-BHC (Lindane)

R.T.: 4.112 min
Delta R.T.: 0.000 min
Response: 34682639
Conc: 10.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

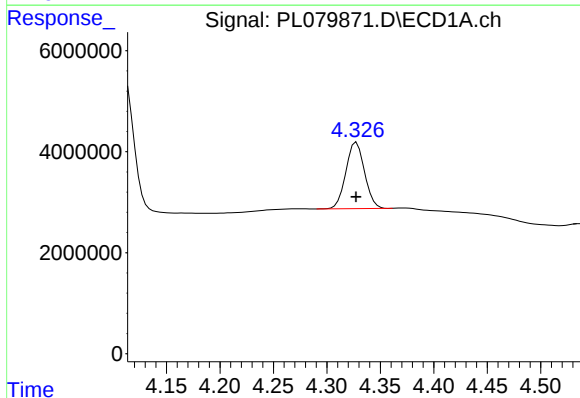
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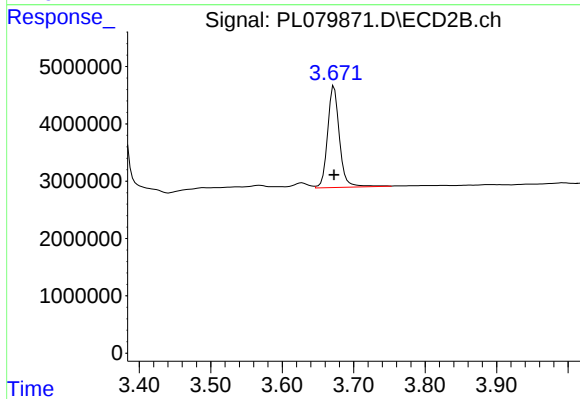
#3 gamma-BHC (Lindane)

R.T.: 3.372 min
Delta R.T.: 0.000 min
Response: 41891073
Conc: 10.49 ng/ml



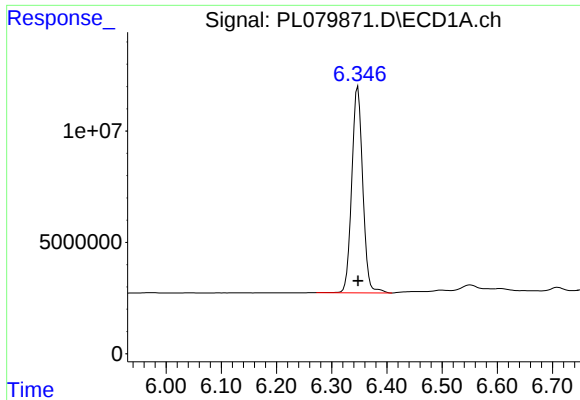
#6 beta-BHC

R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 15987223
Conc: 10.94 ng/ml



#6 beta-BHC

R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 20496279
Conc: 13.26 ng/ml



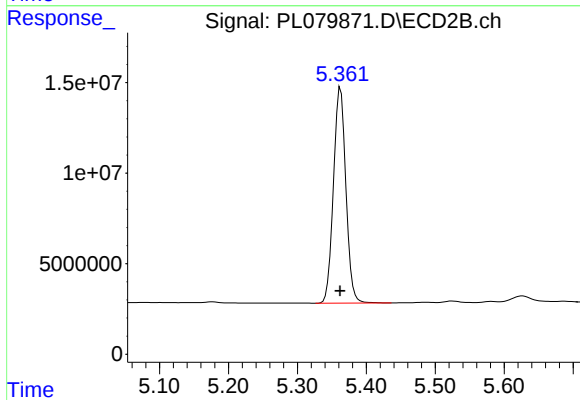
#14 Endrin

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 128045178
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

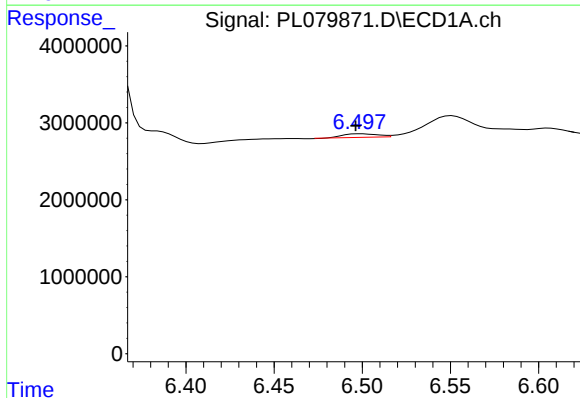
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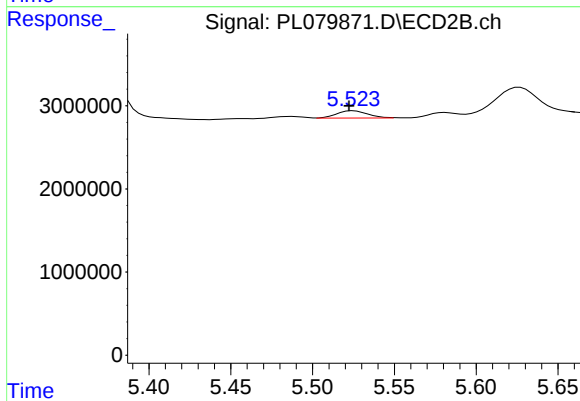
#14 Endrin

R.T.: 5.363 min
Delta R.T.: 0.000 min
Response: 149059414
Conc: 50.36 ng/ml



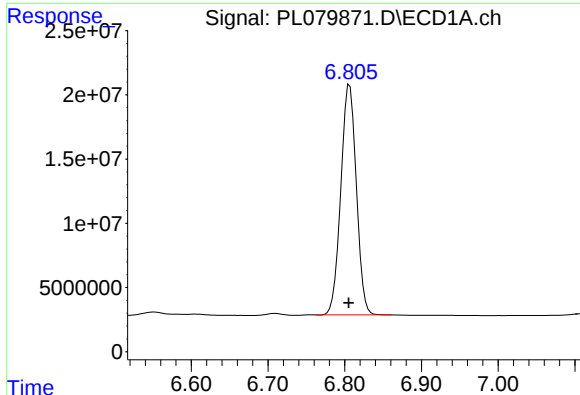
#16 4,4'-DDD

R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 634947
Conc: 0.30 ng/ml m



#16 4,4'-DDD

R.T.: 5.523 min
Delta R.T.: 0.001 min
Response: 1175697
Conc: 0.45 ng/ml m



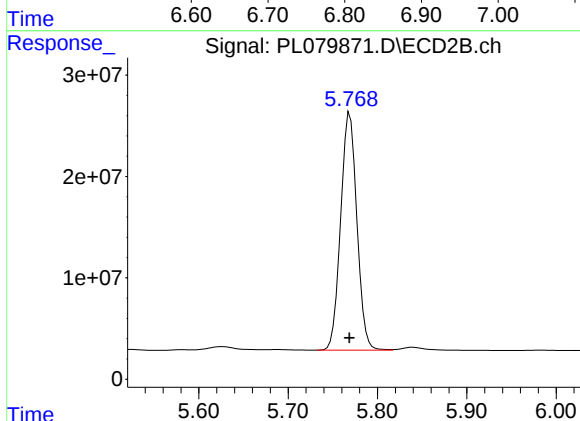
#17 4,4'-DDT

R.T.: 6.806 min
Delta R.T.: 0.001 min
Response: 252931582
Conc: 107.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

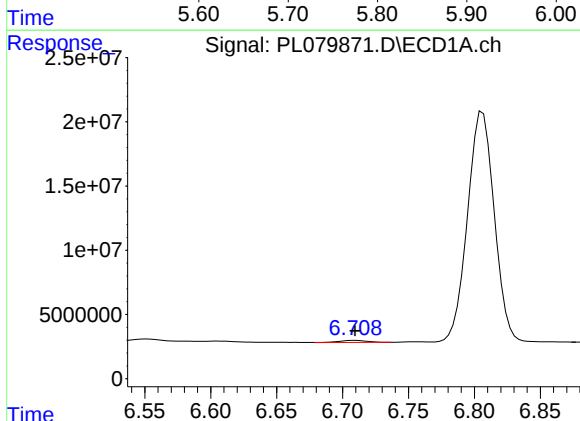
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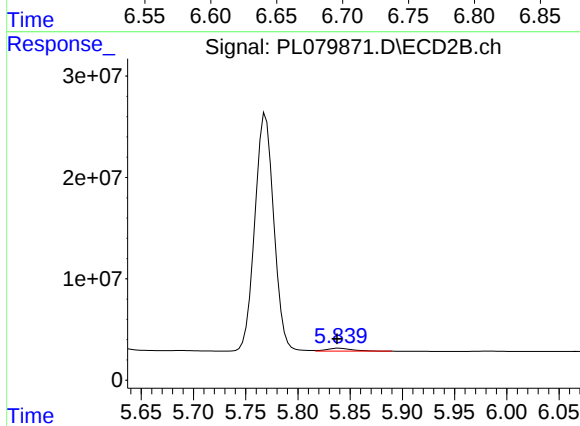
#17 4,4'-DDT

R.T.: 5.769 min
Delta R.T.: 0.000 min
Response: 295929281
Conc: 110.52 ng/ml



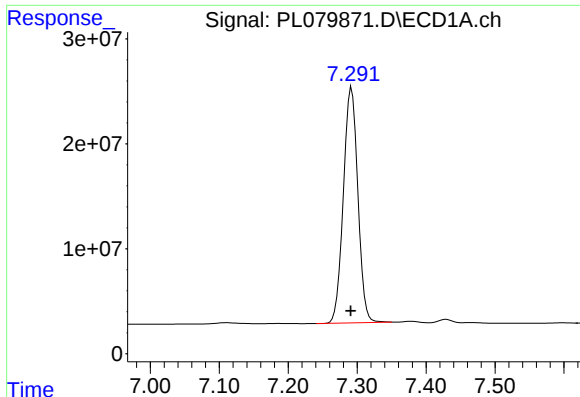
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 2352063
Conc: 1.25 ng/ml



#18 Endrin aldehyde

R.T.: 5.840 min
Delta R.T.: 0.002 min
Response: 4924924
Conc: 2.25 ng/ml



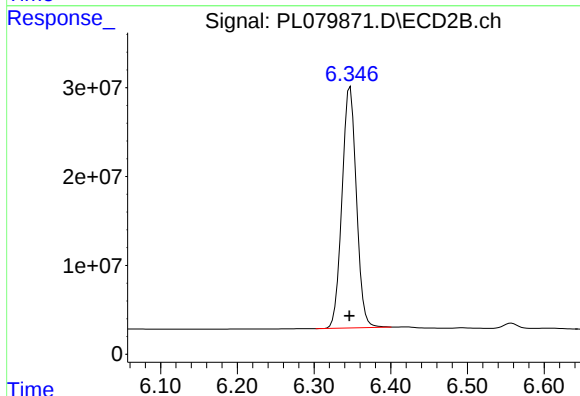
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: 0.001 min
Response: 328185610
Conc: 270.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

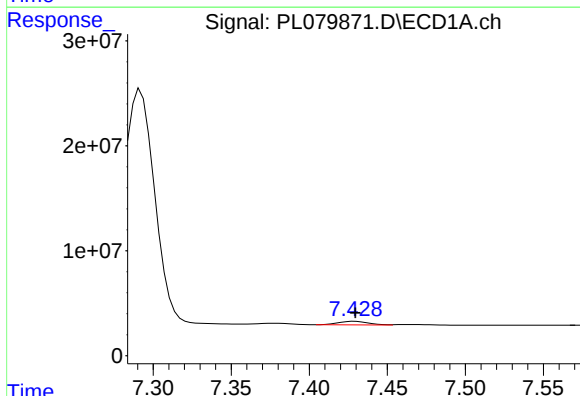
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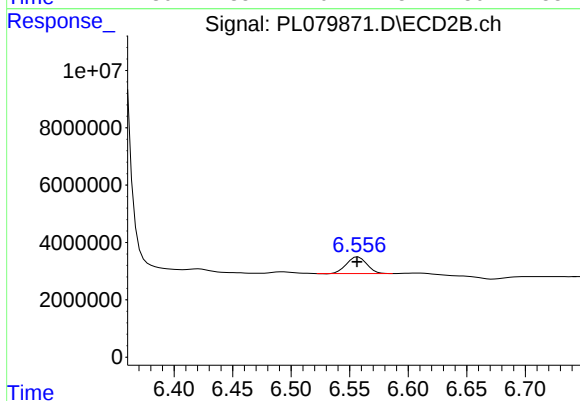
#20 Methoxychlor

R.T.: 6.347 min
Delta R.T.: 0.000 min
Response: 354689526
Conc: 254.61 ng/ml



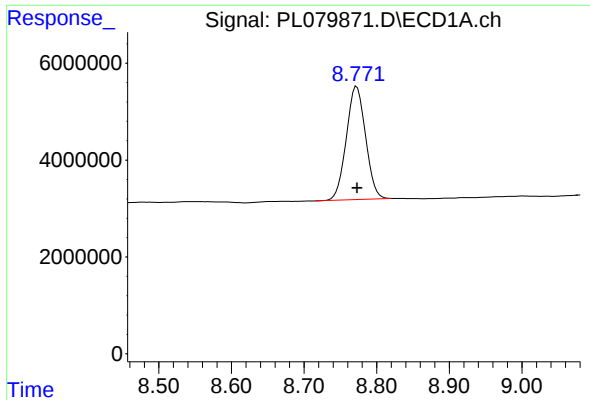
#21 Endrin ketone

R.T.: 7.429 min
Delta R.T.: 0.000 min
Response: 4495430
Conc: 1.78 ng/ml



#21 Endrin ketone

R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 6968858
Conc: 2.23 ng/ml



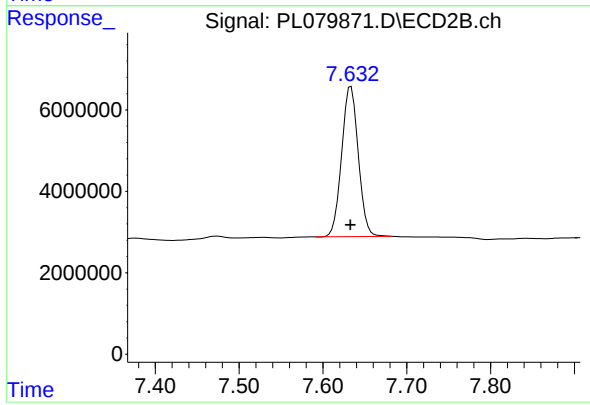
#28 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: 0.000 min
Response: 43163180
Conc: 21.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 50866953
Conc: 22.29 ng/ml