

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\pl120522\
 Data File : PL079575.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Dec 2022 16:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/06/2022
 Supervised By : Ankita Jodhani 12/06/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 01:25:36 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	2.567	46843832	57866343	20.736	21.259
28)	SA Decachlor...	8.766	7.633	37036448	43725934	19.070m	18.613
Target Compounds							
2)	A alpha-BHC	3.780	3.054	32360271	45000931	9.410	10.436
3)	MA gamma-BHC...	4.112	3.374	32852619	40563804	10.137	10.418
6)	B beta-BHC	4.328	3.675	14751246	18111998	10.447	11.954
12)	B 4,4'-DDE	5.968	4.973	692100	317139	0.277m	0.103 #
14)	MA Endrin	6.347	5.363	109.2E6	142.6E6	45.130	47.129
16)	A 4,4'-DDD	6.495	5.524	6595556	8153134	3.324	3.259
17)	MA 4,4'-DDT	6.804	5.770	209.1E6	254.2E6	92.166	97.248
18)	B Endrin al...	6.708	5.840	3169900	5211033	1.750	2.448 #
20)	A Methoxychlor	7.289	6.347	274.5E6	304.0E6	227.576	223.683
21)	B Endrin ke...	7.427	6.557	6082433	11339490	2.465	3.682 #

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

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Acq On : 05 Dec 2022 16:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

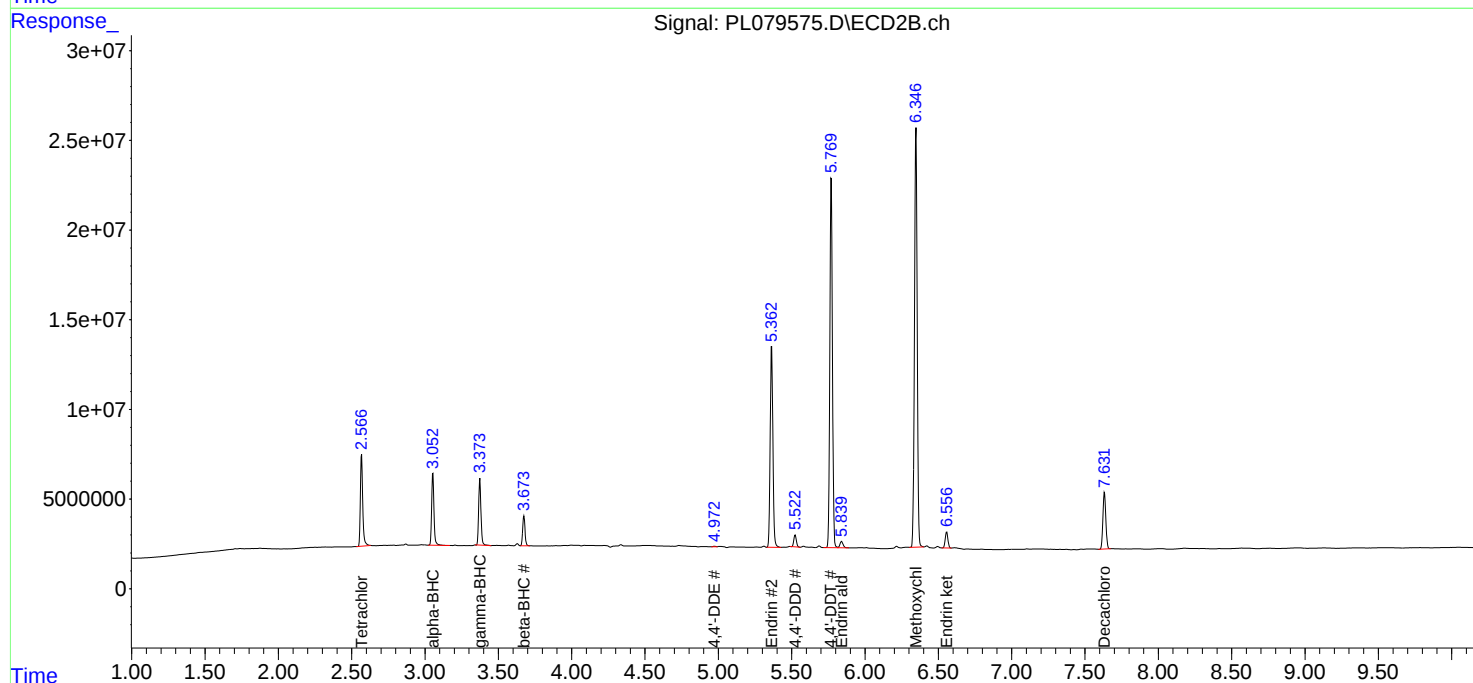
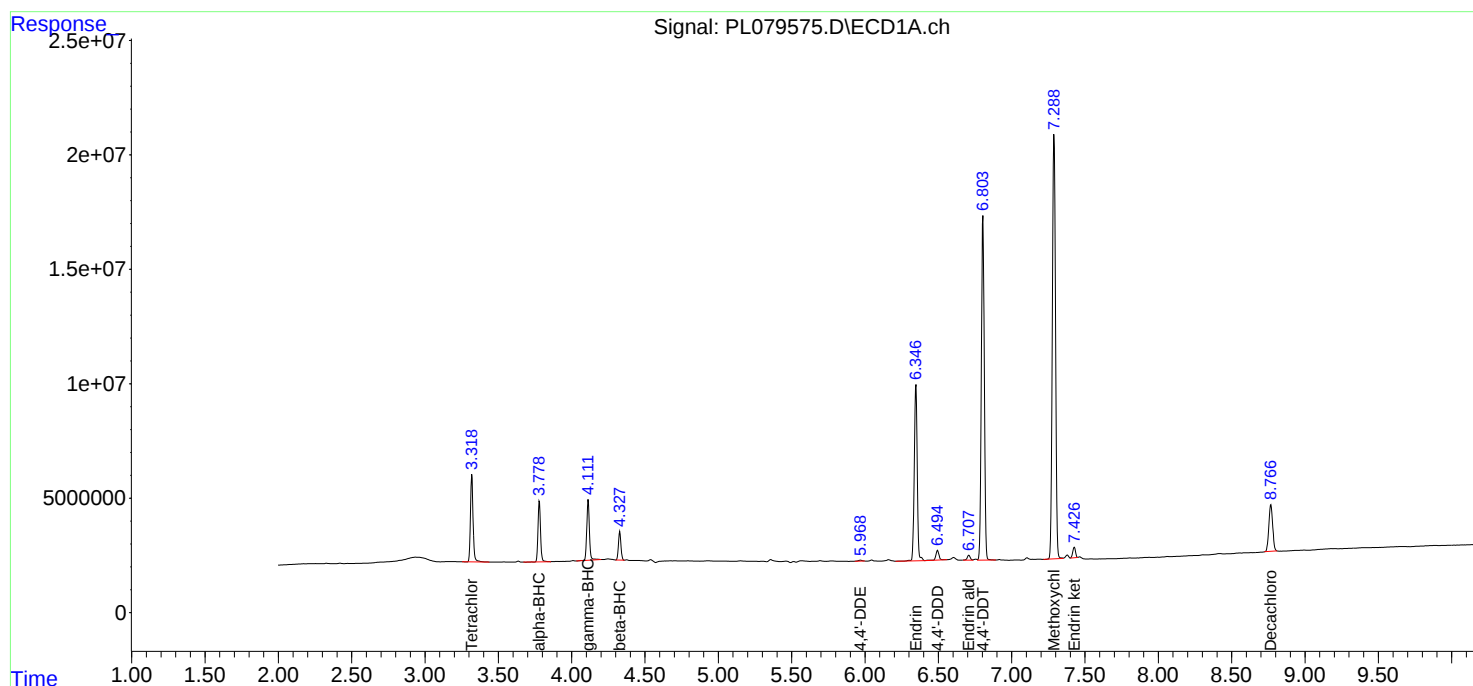
Instrument :
ECD_L
ClientSampleId :
PEM

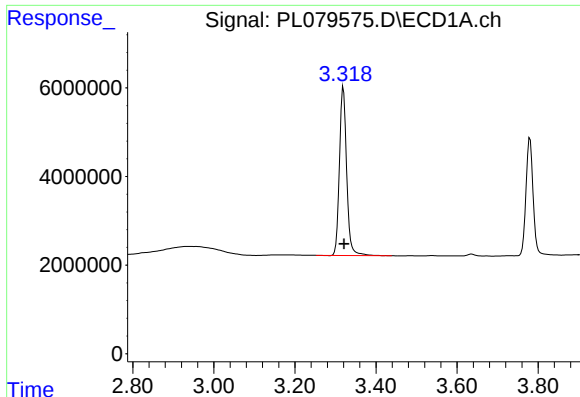
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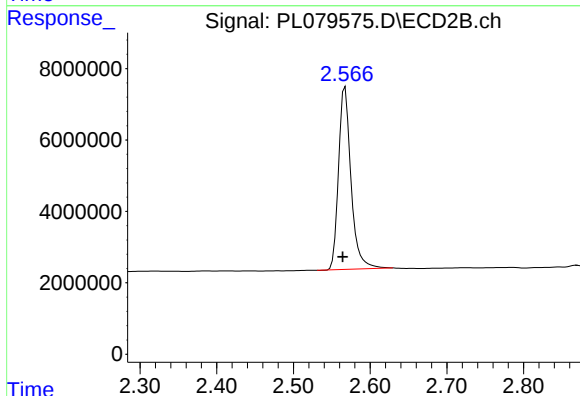
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.002 min
Response: 46843832
Conc: 20.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

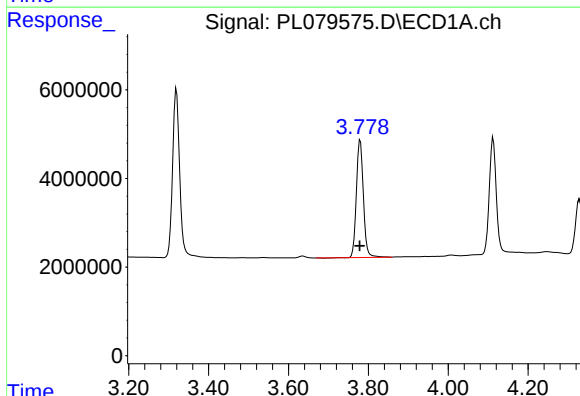
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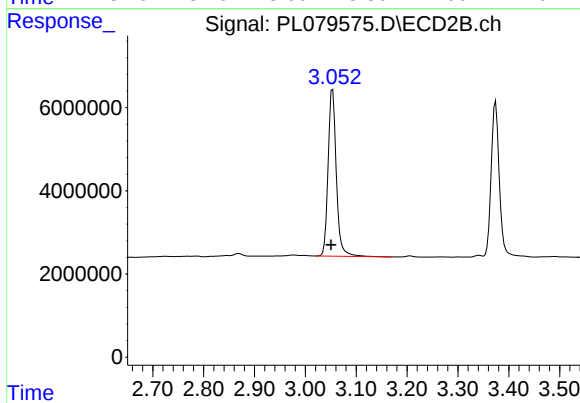
#1 Tetrachloro-m-xylene

R.T.: 2.567 min
Delta R.T.: 0.003 min
Response: 57866343
Conc: 21.26 ng/ml



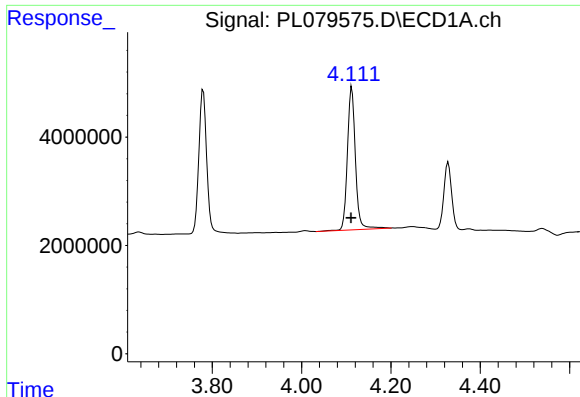
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: 0.002 min
Response: 32360271
Conc: 9.41 ng/ml



#2 alpha-BHC

R.T.: 3.054 min
Delta R.T.: 0.003 min
Response: 45000931
Conc: 10.44 ng/ml



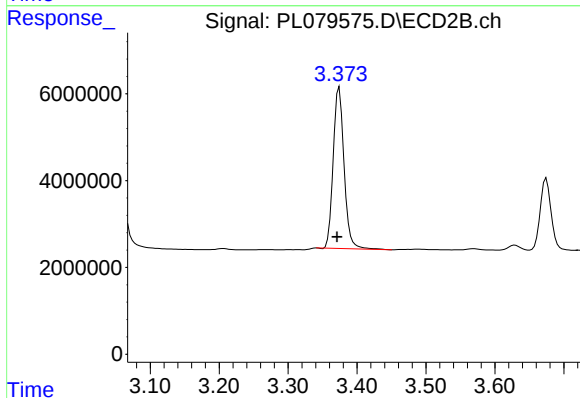
#3 gamma-BHC (Lindane)

R.T.: 4.112 min
Delta R.T.: 0.002 min
Response: 32852619
Conc: 10.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

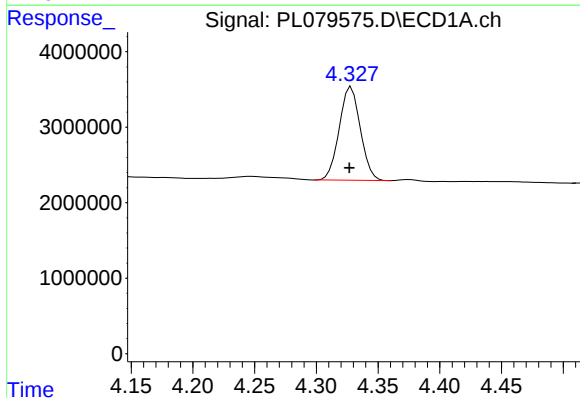
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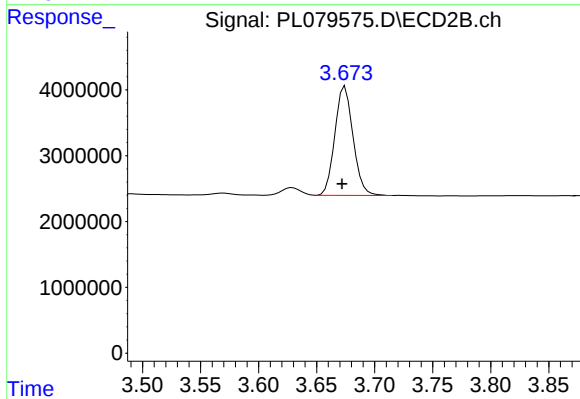
#3 gamma-BHC (Lindane)

R.T.: 3.374 min
Delta R.T.: 0.003 min
Response: 40563804
Conc: 10.42 ng/ml



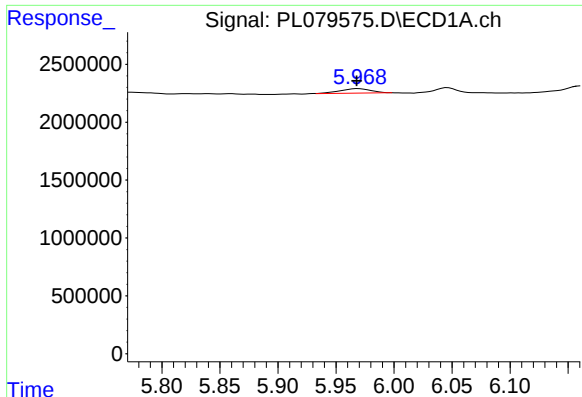
#6 beta-BHC

R.T.: 4.328 min
Delta R.T.: 0.002 min
Response: 14751246
Conc: 10.45 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: 0.003 min
Response: 18111998
Conc: 11.95 ng/ml



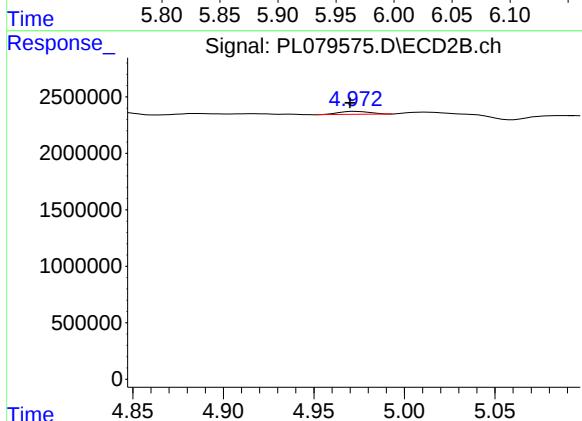
#12 4,4'-DDE

R.T.: 5.968 min
Delta R.T.: 0.000 min
Response: 692100
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

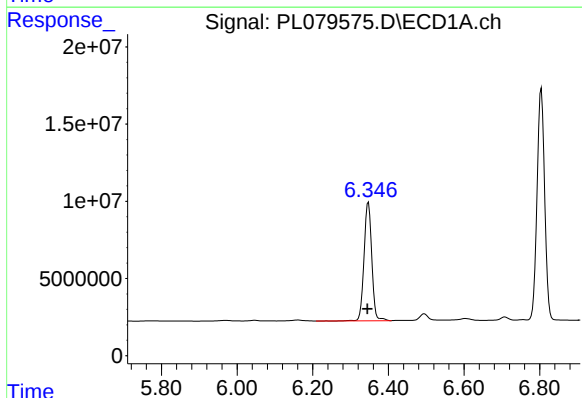
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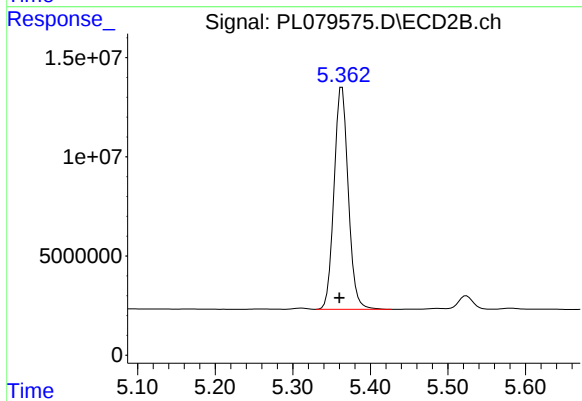
#12 4,4'-DDE

R.T.: 4.973 min
Delta R.T.: 0.003 min
Response: 317139
Conc: 0.10 ng/ml



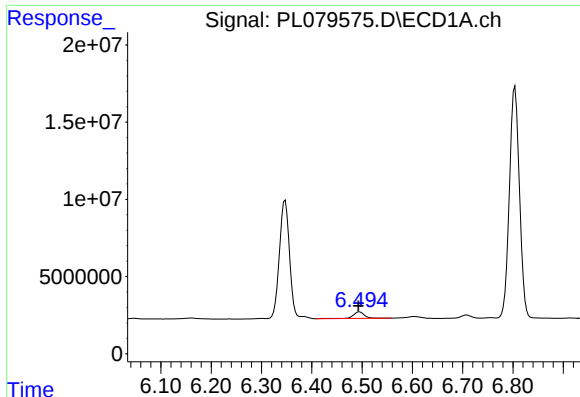
#14 Endrin

R.T.: 6.347 min
Delta R.T.: 0.003 min
Response: 109177746
Conc: 45.13 ng/ml



#14 Endrin

R.T.: 5.363 min
Delta R.T.: 0.003 min
Response: 142553797
Conc: 47.13 ng/ml



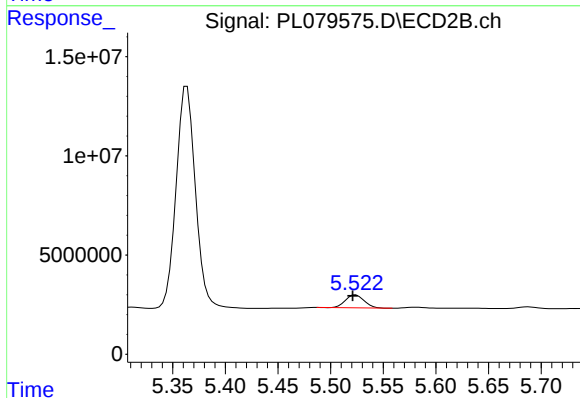
#16 4,4'-DDD

R.T.: 6.495 min
Delta R.T.: 0.002 min
Response: 6595556
Conc: 3.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

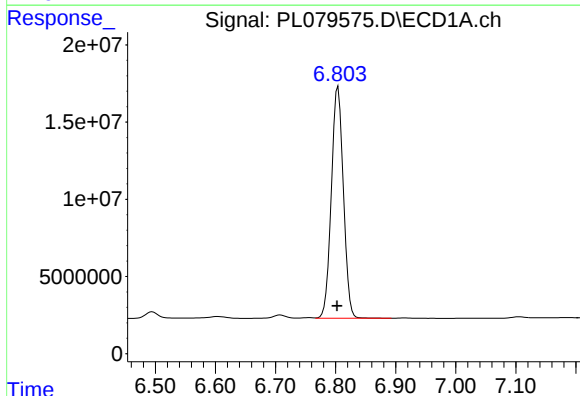
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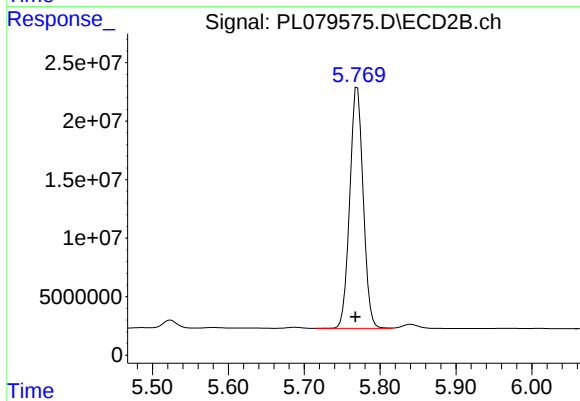
#16 4,4'-DDD

R.T.: 5.524 min
Delta R.T.: 0.003 min
Response: 8153134
Conc: 3.26 ng/ml



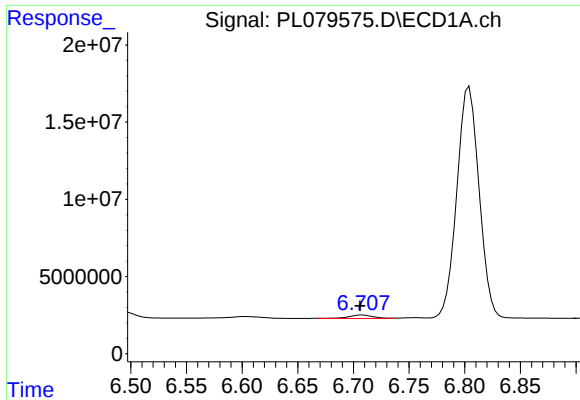
#17 4,4'-DDT

R.T.: 6.804 min
Delta R.T.: 0.002 min
Response: 209065273
Conc: 92.17 ng/ml



#17 4,4'-DDT

R.T.: 5.770 min
Delta R.T.: 0.003 min
Response: 254165296
Conc: 97.25 ng/ml



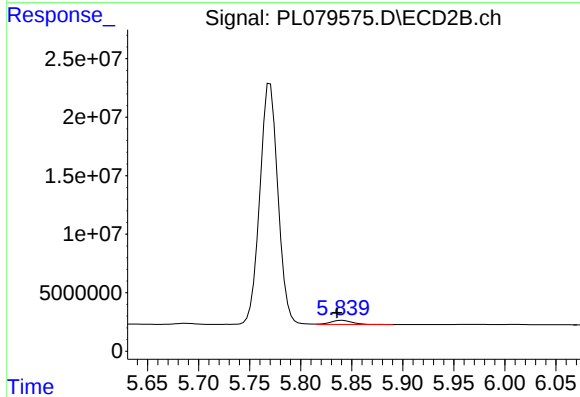
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: 0.002 min
Response: 3169900
Conc: 1.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

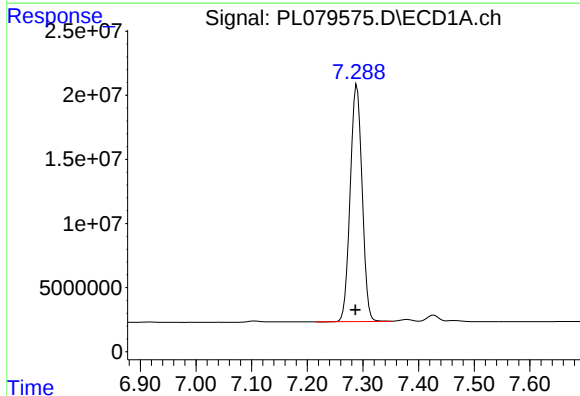
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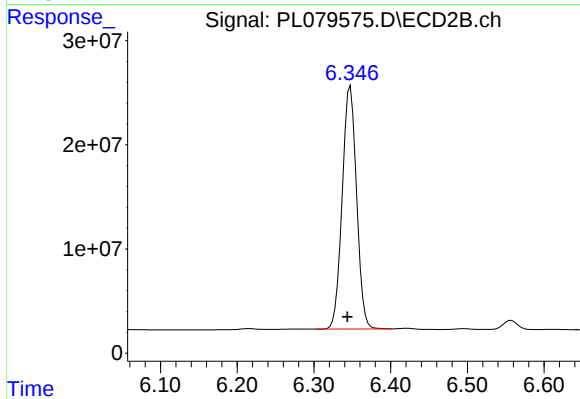
#18 Endrin aldehyde

R.T.: 5.840 min
Delta R.T.: 0.005 min
Response: 5211033
Conc: 2.45 ng/ml



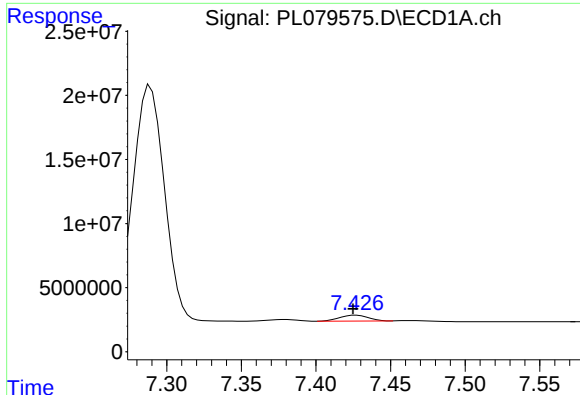
#20 Methoxychlor

R.T.: 7.289 min
Delta R.T.: 0.002 min
Response: 274545560
Conc: 227.58 ng/ml



#20 Methoxychlor

R.T.: 6.347 min
Delta R.T.: 0.004 min
Response: 304022990
Conc: 223.68 ng/ml



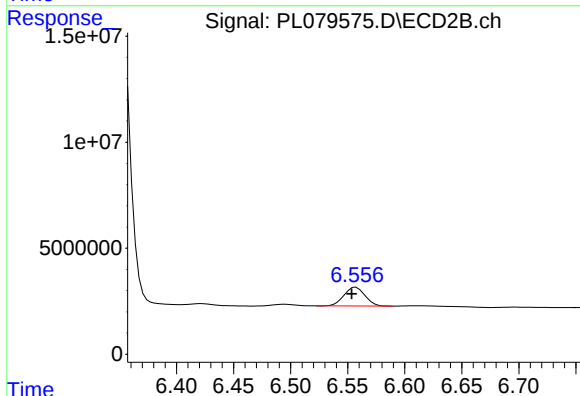
#21 Endrin ketone

R.T.: 7.427 min
Delta R.T.: 0.002 min
Response: 6082433
Conc: 2.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

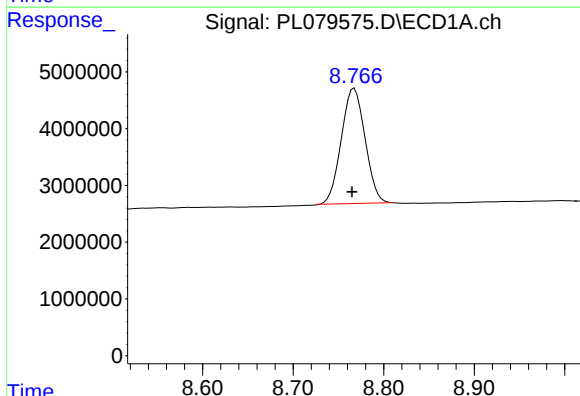
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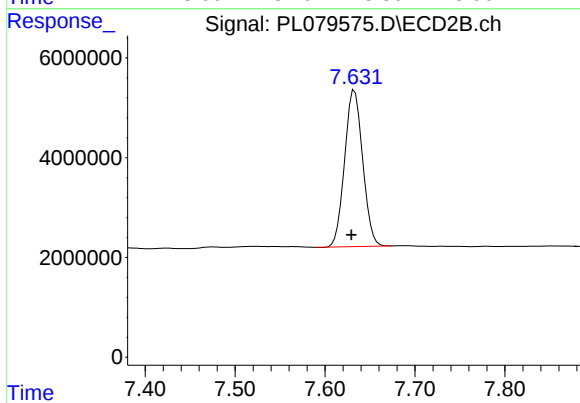
#21 Endrin ketone

R.T.: 6.557 min
Delta R.T.: 0.004 min
Response: 11339490
Conc: 3.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.766 min
Delta R.T.: 0.001 min
Response: 37036448
Conc: 19.07 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.633 min
Delta R.T.: 0.004 min
Response: 43725934
Conc: 18.61 ng/ml