

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111522\
 Data File : PL079108.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2022 09:55
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/16/2022
 Supervised By :Ankita Jodhani 11/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 15 10:54:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 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...	3.322	2.569	39838794	49598365	20.891	19.426
28)	SA Decachlor...	8.771	7.635	30972563	38494895	20.589	20.324
Target Compounds							
2)	A alpha-BHC	3.783	3.055	30469707	37835496	10.612	9.581
3)	MA gamma-BHC...	4.115	3.376	29966852	36434549	11.216	10.137
6)	B beta-BHC	4.330	3.676	14650729	17175610	12.718	11.970
12)	B 4,4'-DDE	5.973	4.976	338896	465932	0.169	0.171
14)	MA Endrin	6.349	5.366	97902259	119.9E6	51.587	46.024
16)	A 4,4'-DDD	6.497	5.527	11908876	16499162	7.144	7.512
17)	MA 4,4'-DDT	6.807	5.771	181.1E6	213.5E6	101.046	98.443m
18)	B Endrin al...	6.711	5.842	3062401	4726436	2.105	2.518
20)	A Methoxychlor	7.291	6.349	236.7E6	258.9E6	257.013	228.137
21)	B Endrin ke...	7.429	6.558	8048832	13150722	4.278	5.088m

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

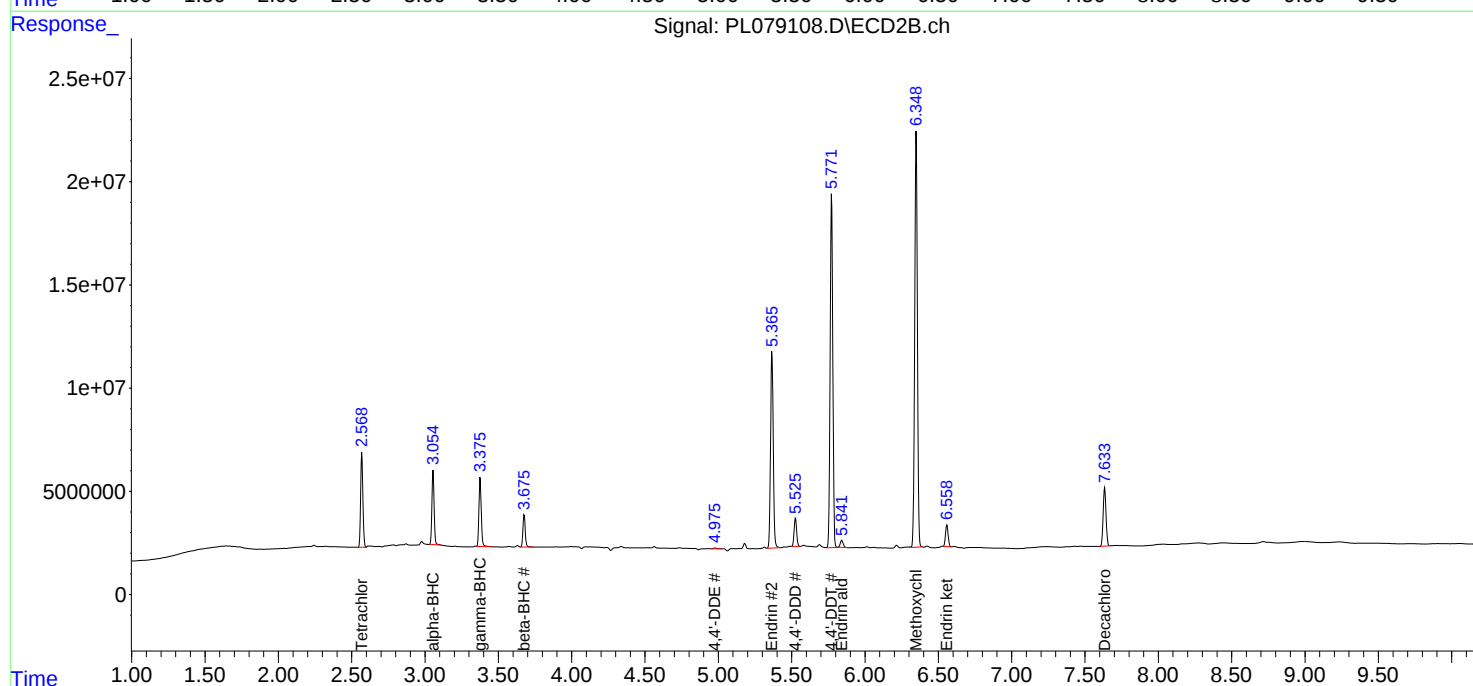
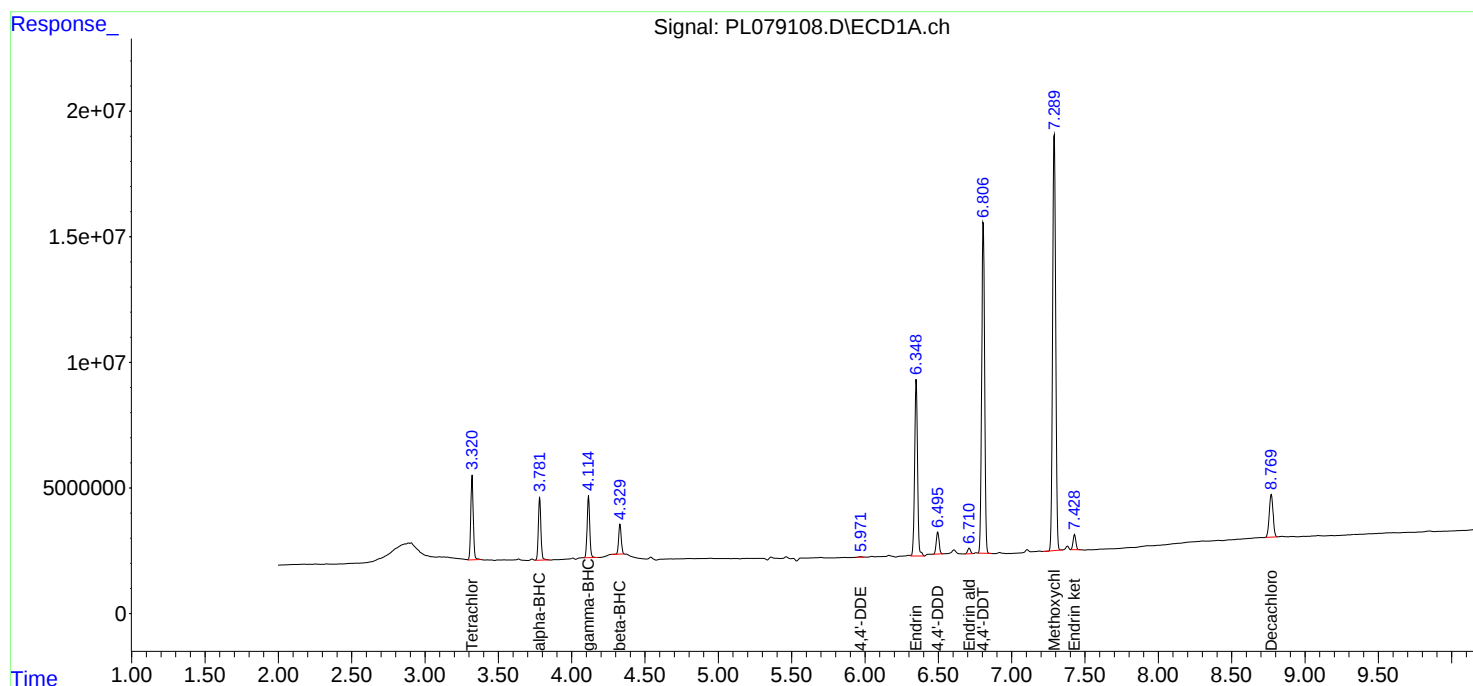
Instrument :
ECD_L
ClientSampleId :
PEM

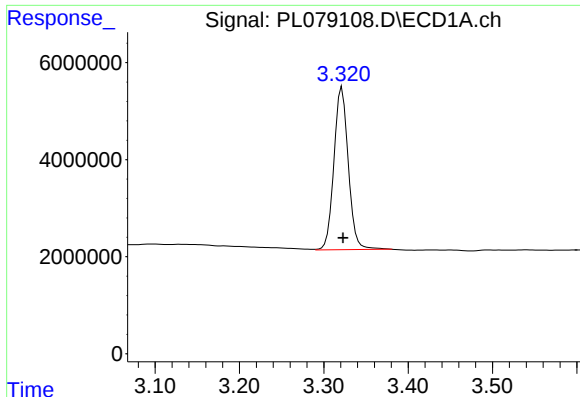
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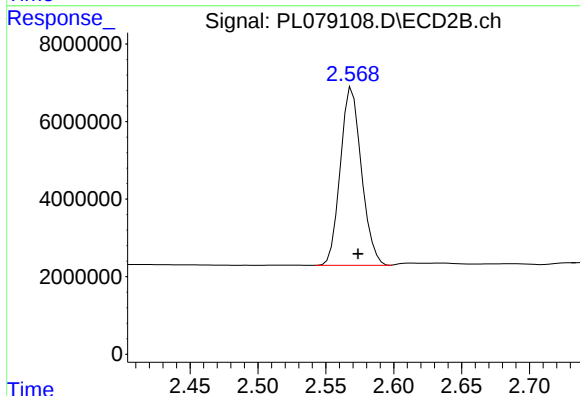
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: -0.001 min
Response: 39838794
Conc: 20.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

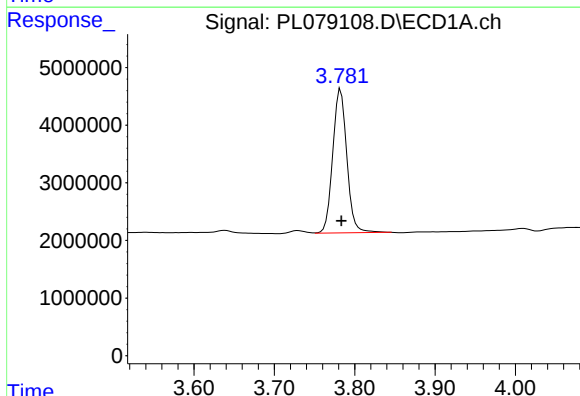
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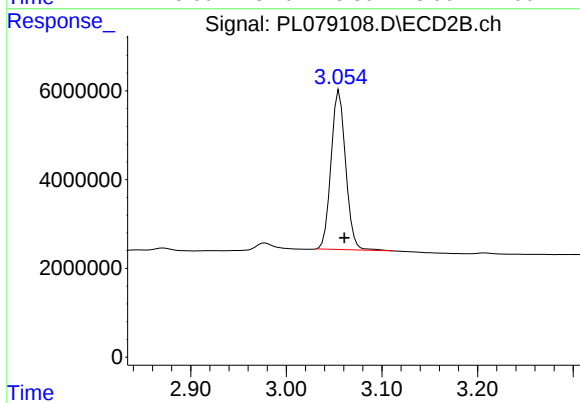
#1 Tetrachloro-m-xylene

R.T.: 2.569 min
Delta R.T.: -0.004 min
Response: 49598365
Conc: 19.43 ng/ml



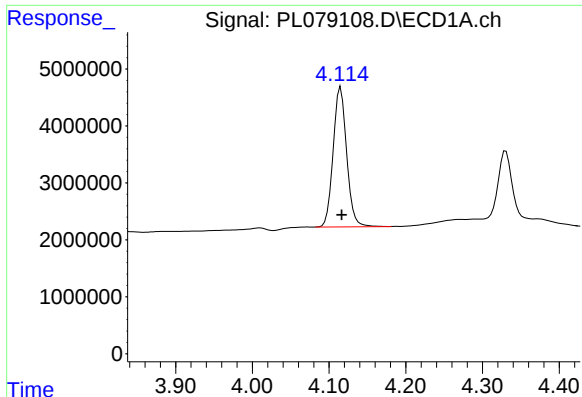
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: -0.001 min
Response: 30469707
Conc: 10.61 ng/ml



#2 alpha-BHC

R.T.: 3.055 min
Delta R.T.: -0.005 min
Response: 37835496
Conc: 9.58 ng/ml



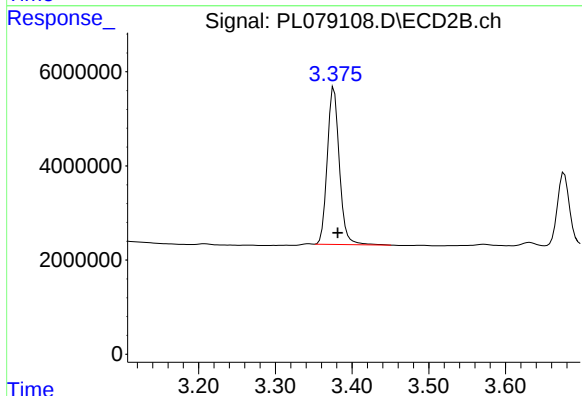
#3 gamma-BHC (Lindane)

R.T.: 4.115 min
Delta R.T.: -0.001 min
Response: 29966852
Conc: 11.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

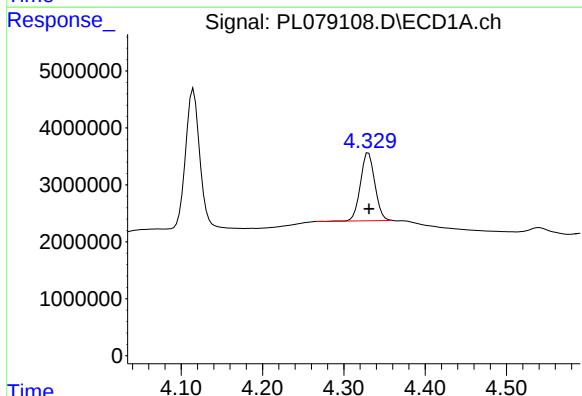
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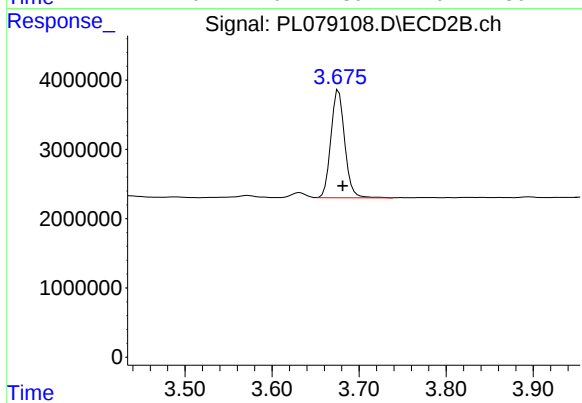
#3 gamma-BHC (Lindane)

R.T.: 3.376 min
Delta R.T.: -0.005 min
Response: 36434549
Conc: 10.14 ng/ml



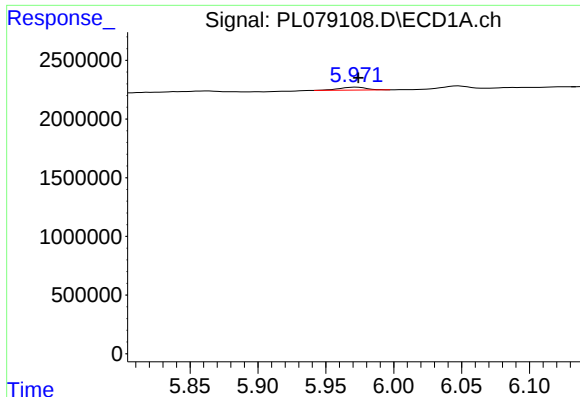
#6 beta-BHC

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 14650729
Conc: 12.72 ng/ml



#6 beta-BHC

R.T.: 3.676 min
Delta R.T.: -0.005 min
Response: 17175610
Conc: 11.97 ng/ml



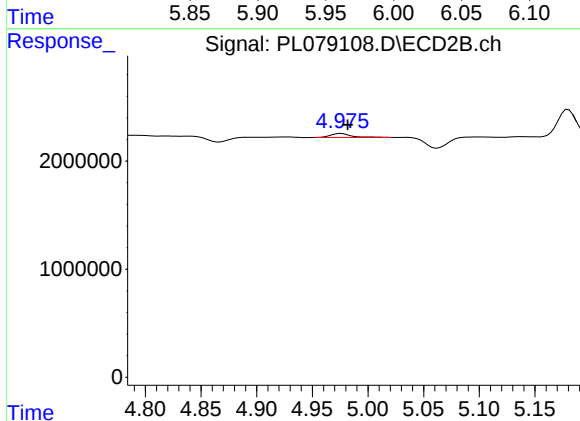
#12 4,4'-DDE

R.T.: 5.973 min
Delta R.T.: -0.001 min
Response: 338896
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

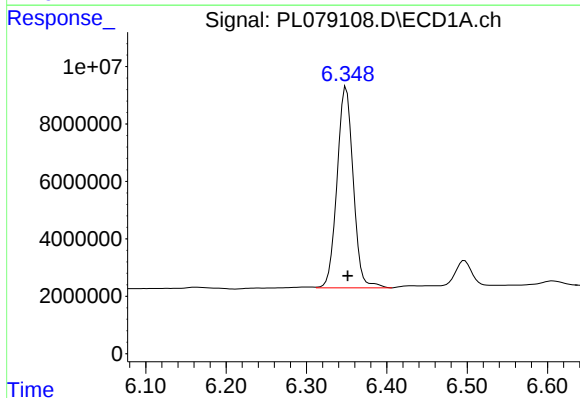
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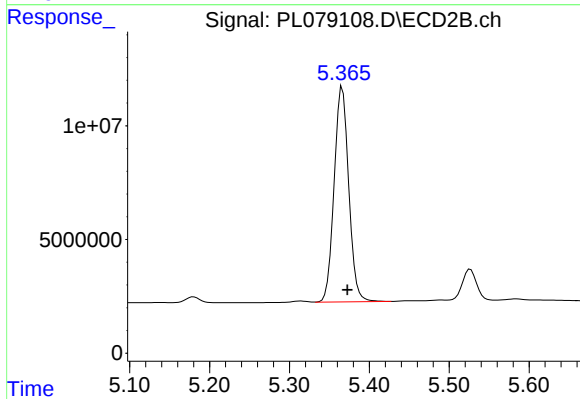
#12 4,4'-DDE

R.T.: 4.976 min
Delta R.T.: -0.006 min
Response: 465932
Conc: 0.17 ng/ml



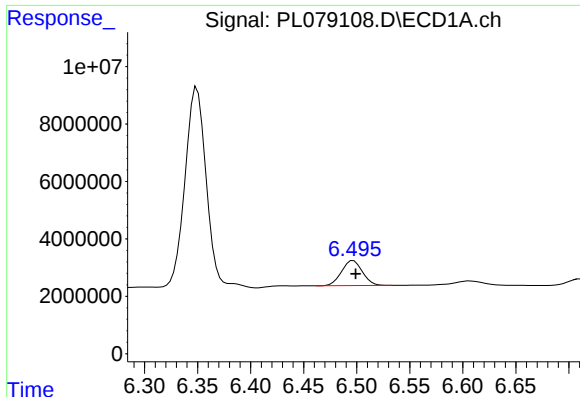
#14 Endrin

R.T.: 6.349 min
Delta R.T.: -0.002 min
Response: 97902259
Conc: 51.59 ng/ml



#14 Endrin

R.T.: 5.366 min
Delta R.T.: -0.006 min
Response: 119903926
Conc: 46.02 ng/ml



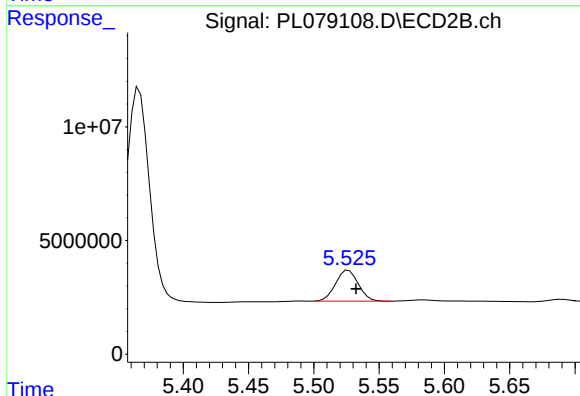
#16 4,4'-DDD

R.T.: 6.497 min
Delta R.T.: -0.002 min
Response: 11908876
Conc: 7.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

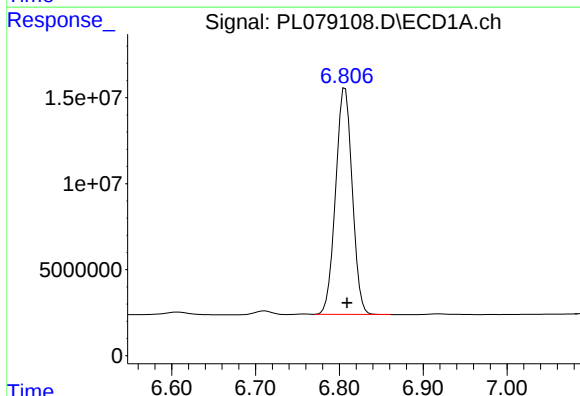
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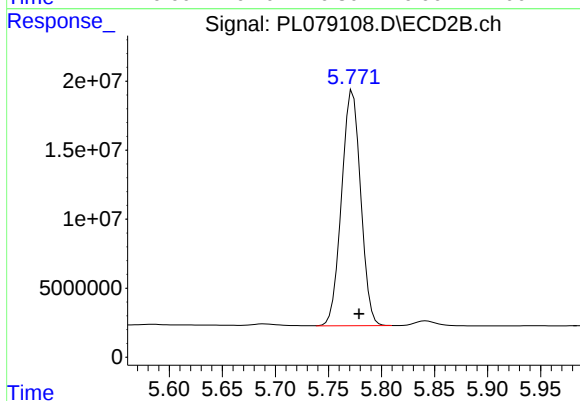
#16 4,4'-DDD

R.T.: 5.527 min
Delta R.T.: -0.006 min
Response: 16499162
Conc: 7.51 ng/ml



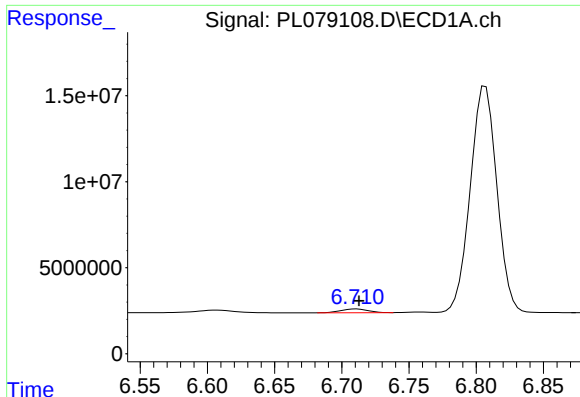
#17 4,4'-DDT

R.T.: 6.807 min
Delta R.T.: -0.002 min
Response: 181106387
Conc: 101.05 ng/ml



#17 4,4'-DDT

R.T.: 5.771 min
Delta R.T.: -0.008 min
Response: 213534940
Conc: 98.44 ng/ml m



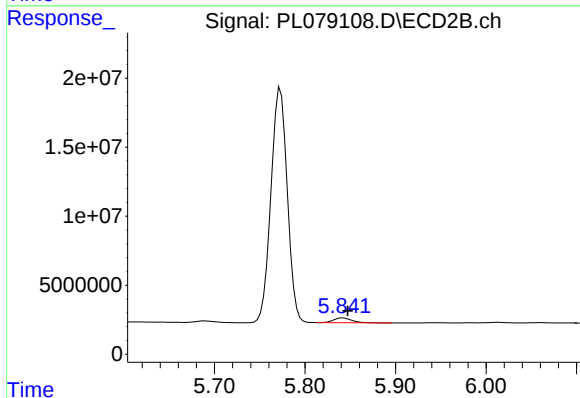
#18 Endrin aldehyde

R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 3062401
Conc: 2.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

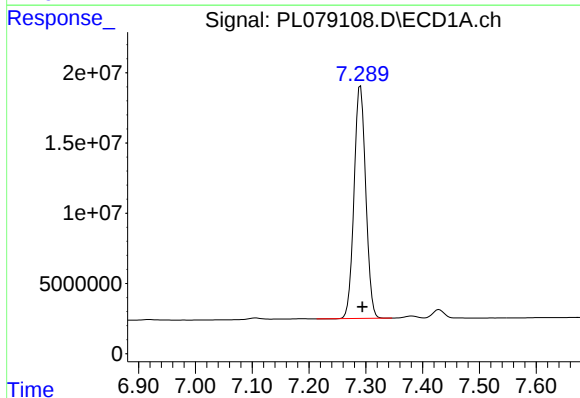
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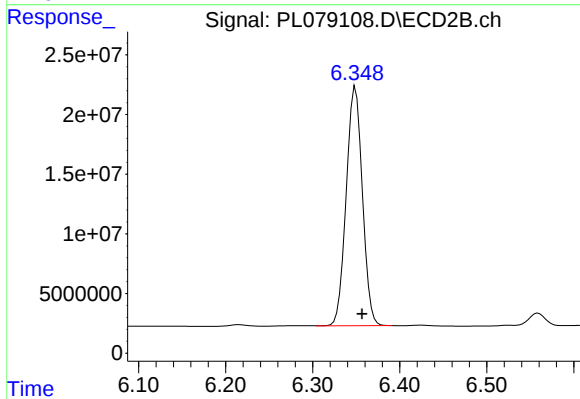
#18 Endrin aldehyde

R.T.: 5.842 min
Delta R.T.: -0.005 min
Response: 4726436
Conc: 2.52 ng/ml



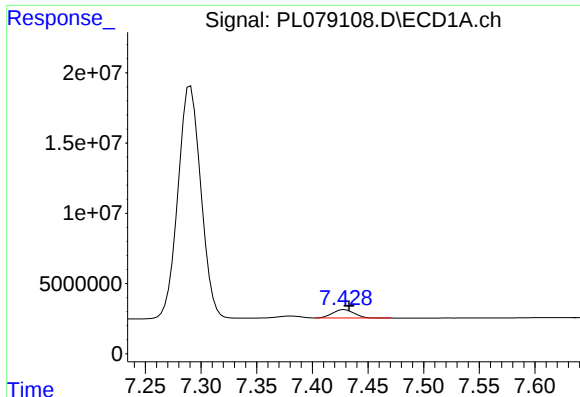
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 236680549
Conc: 257.01 ng/ml



#20 Methoxychlor

R.T.: 6.349 min
Delta R.T.: -0.007 min
Response: 258889118
Conc: 228.14 ng/ml



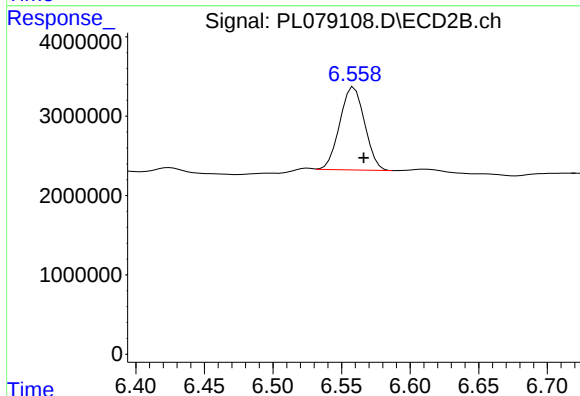
#21 Endrin ketone

R.T.: 7.429 min
Delta R.T.: -0.004 min
Response: 8048832
Conc: 4.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

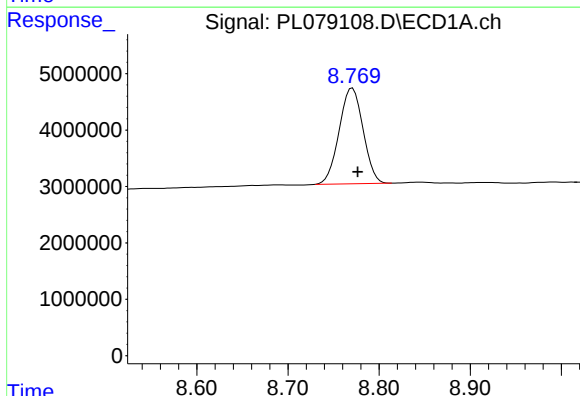
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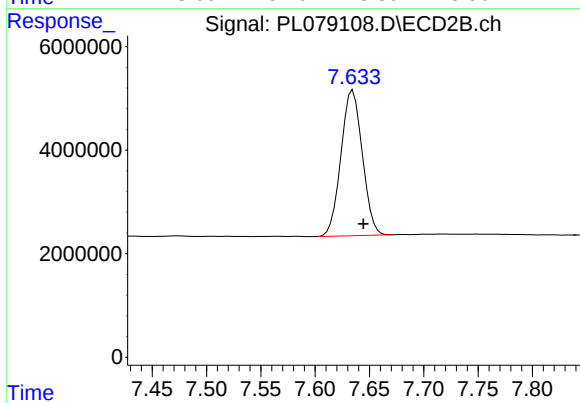
#21 Endrin ketone

R.T.: 6.558 min
Delta R.T.: -0.008 min
Response: 13150722
Conc: 5.09 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.771 min
Delta R.T.: -0.006 min
Response: 30972563
Conc: 20.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.635 min
Delta R.T.: -0.010 min
Response: 38494895
Conc: 20.32 ng/ml