

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111422\
 Data File : PL079085.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Nov 2022 09:18
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/15/2022
 Supervised By :Ankita Jodhani 11/15/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 14 20:15:22 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	41045254	48732777	21.523	19.087
28)	SA Decachlor...	8.772	7.636	30252089	37440394	20.110	19.767
Target Compounds							
2)	A alpha-BHC	3.783	3.056	29702192	37534369	10.344	9.505
3)	MA gamma-BHC...	4.115	3.376	29615342	35427172	11.085	9.857
6)	B beta-BHC	4.330	3.676	13872603	16321953	12.043	11.375
12)	B 4,4'-DDE	5.973	4.976	451135	280816	0.225	0.103 #
14)	MA Endrin	6.349	5.366	95690687	117.3E6	50.421	45.012
16)	A 4,4'-DDD	6.497	5.527	8800567	11647249	5.279	5.303
17)	MA 4,4'-DDT	6.807	5.772	187.8E6	216.6E6	104.773	99.860m
18)	B Endrin al...	6.711	5.842	2674478	4198990	1.838	2.237
20)	A Methoxychlor	7.292	6.350	239.8E6	262.1E6	260.417	230.947
21)	B Endrin ke...	7.429	6.560	6651472	12211000	3.535	4.724 #

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

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Acq On : 14 Nov 2022 09:18
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

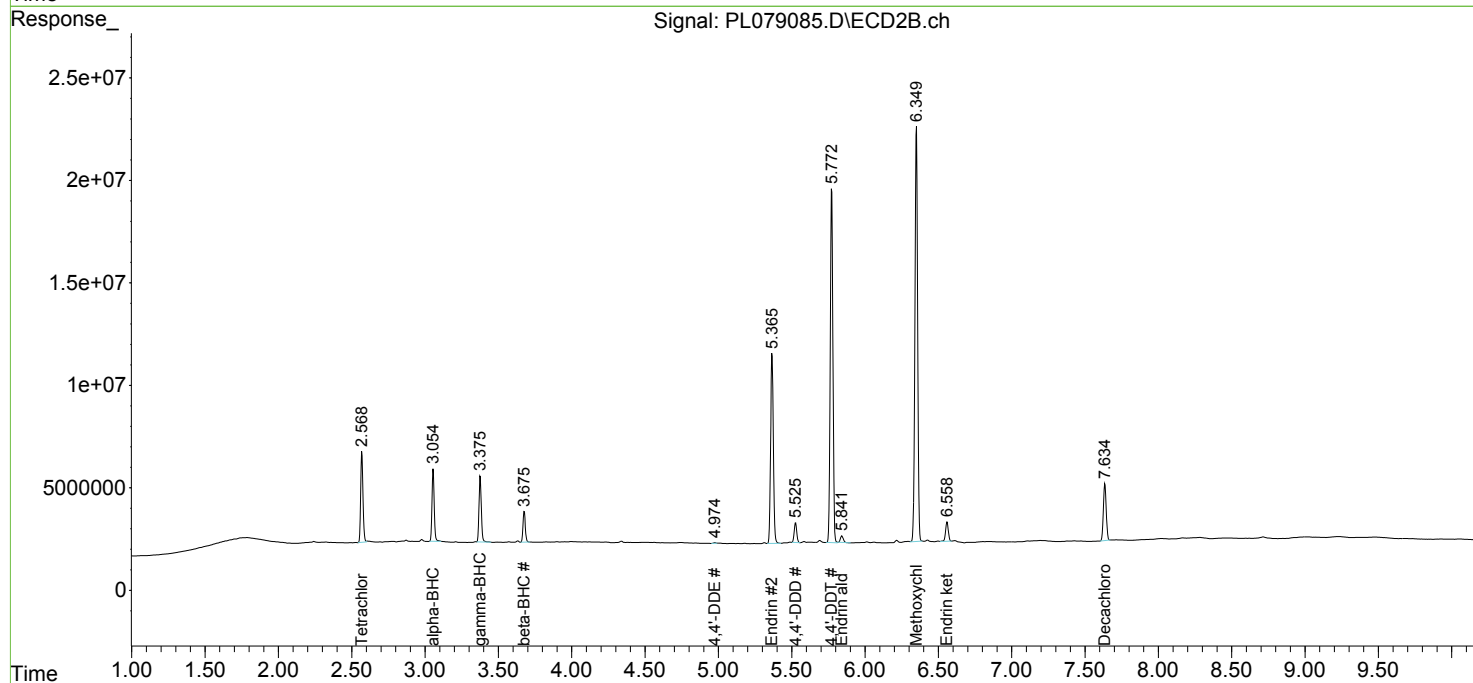
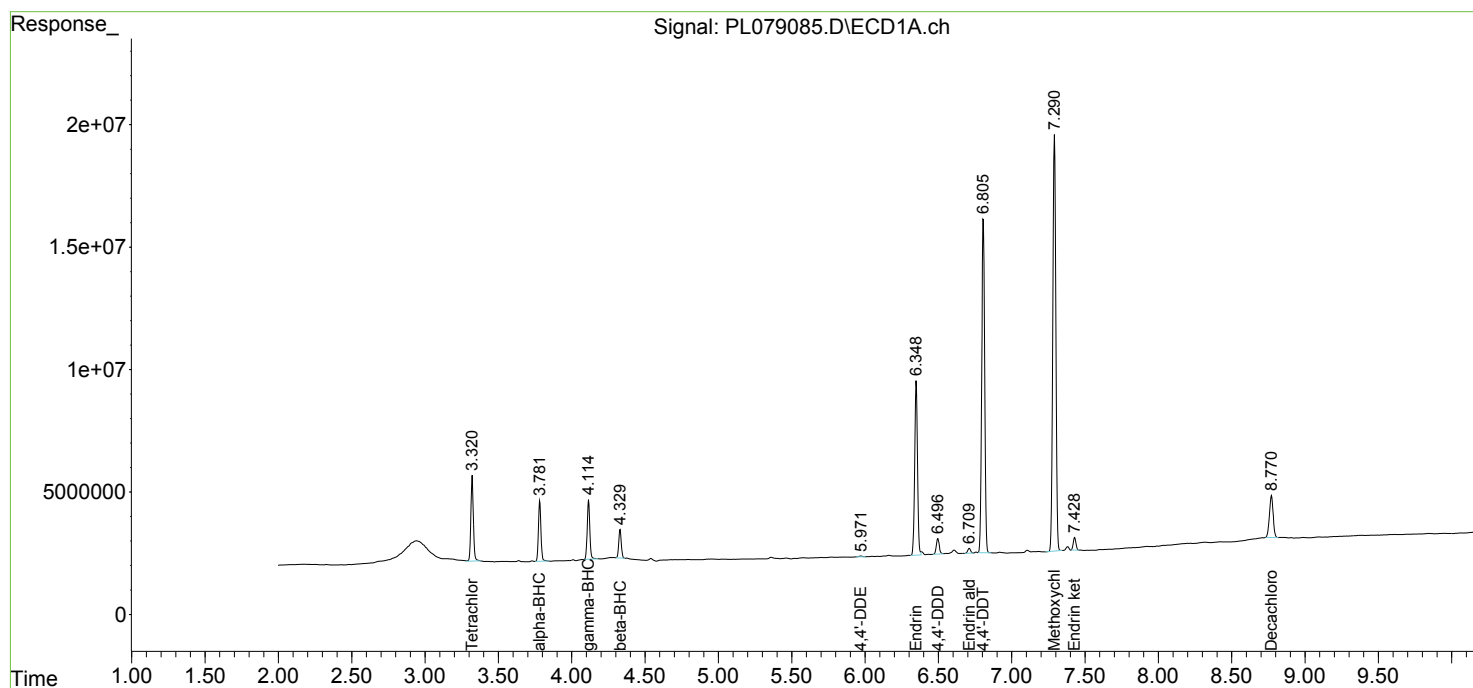
Instrument :
ECD_L
ClientSampleId :
PEM

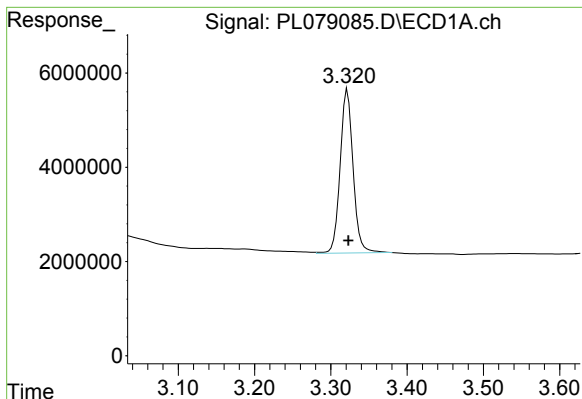
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 14 20:15:22 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
Quant Title : GC Extractables
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Volume 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





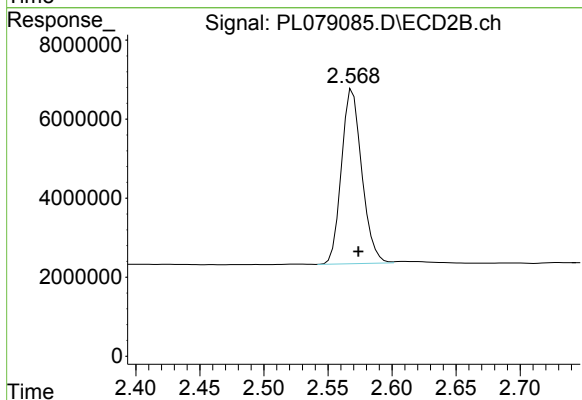
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: -0.001 min
Response: 41045254
Conc: 21.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

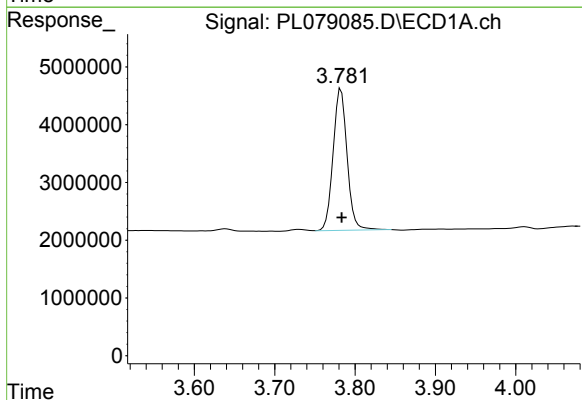
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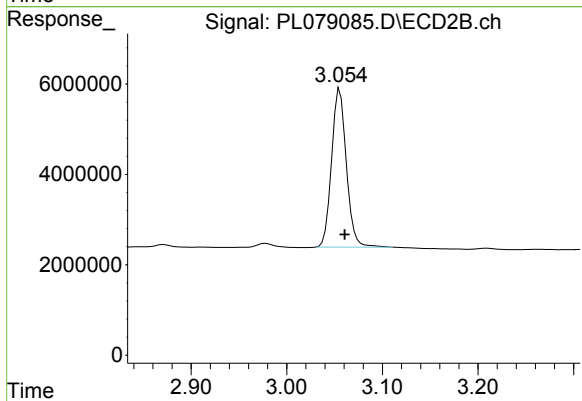
#1 Tetrachloro-m-xylene

R.T.: 2.569 min
Delta R.T.: -0.005 min
Response: 48732777
Conc: 19.09 ng/ml



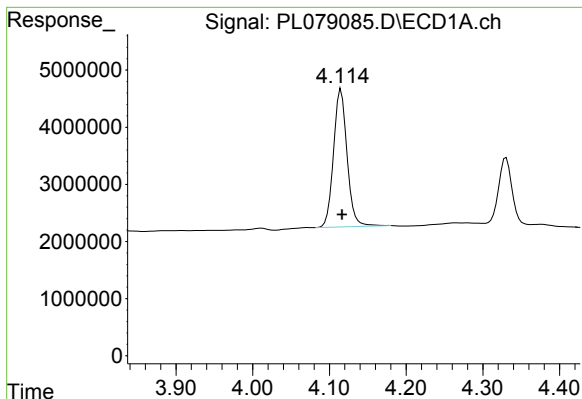
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: -0.001 min
Response: 29702192
Conc: 10.34 ng/ml



#2 alpha-BHC

R.T.: 3.056 min
Delta R.T.: -0.005 min
Response: 37534369
Conc: 9.50 ng/ml



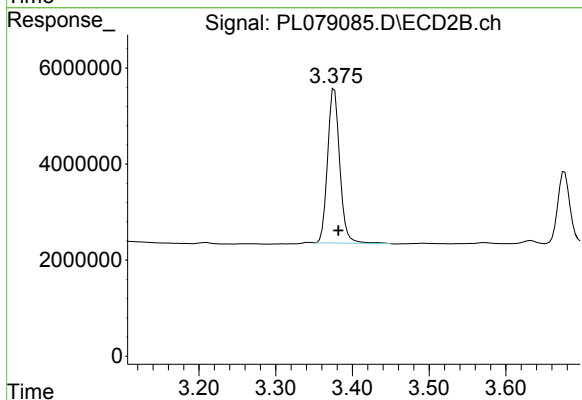
#3 gamma-BHC (Lindane)

R.T.: 4.115 min
Delta R.T.: -0.001 min
Response: 29615342
Conc: 11.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

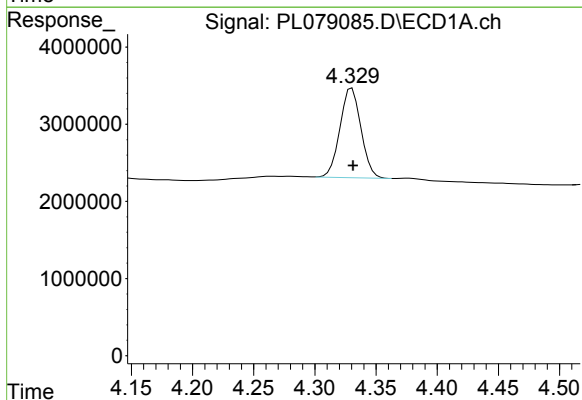
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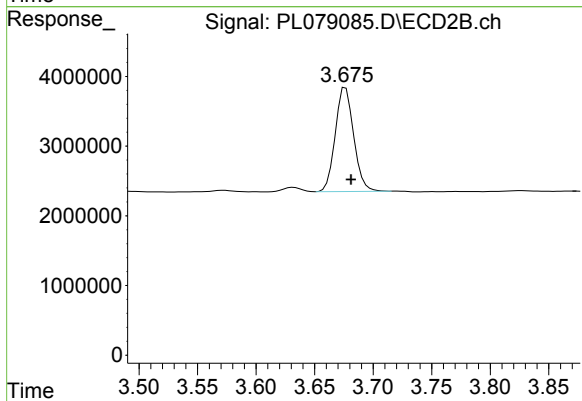
#3 gamma-BHC (Lindane)

R.T.: 3.376 min
Delta R.T.: -0.005 min
Response: 35427172
Conc: 9.86 ng/ml



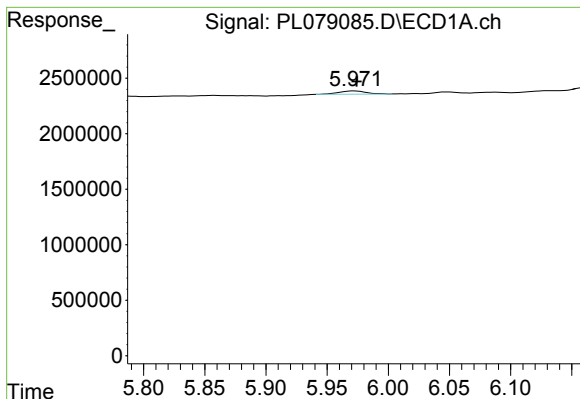
#6 beta-BHC

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 13872603
Conc: 12.04 ng/ml



#6 beta-BHC

R.T.: 3.676 min
Delta R.T.: -0.005 min
Response: 16321953
Conc: 11.38 ng/ml



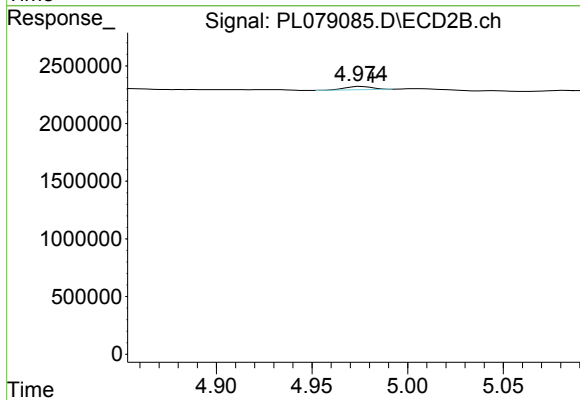
#12 4,4'-DDE

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 451135
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

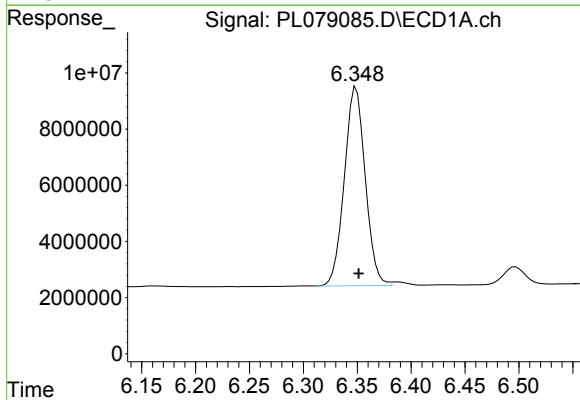
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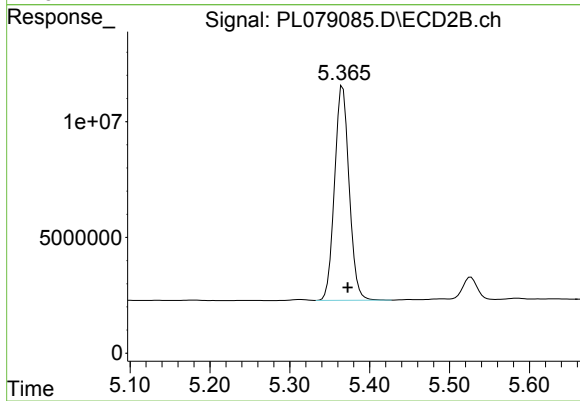
#12 4,4'-DDE

R.T.: 4.976 min
Delta R.T.: -0.006 min
Response: 280816
Conc: 0.10 ng/ml



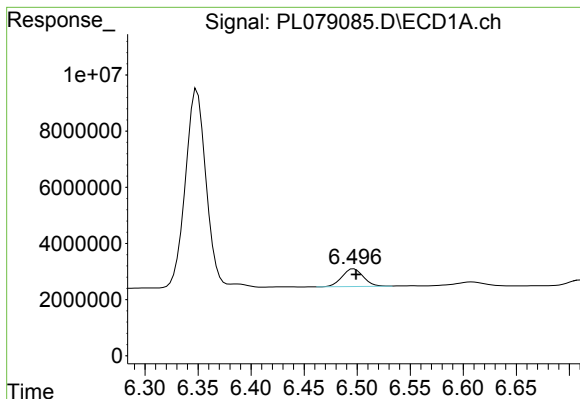
#14 Endrin

R.T.: 6.349 min
Delta R.T.: -0.002 min
Response: 95690687
Conc: 50.42 ng/ml



#14 Endrin

R.T.: 5.366 min
Delta R.T.: -0.006 min
Response: 117268300
Conc: 45.01 ng/ml



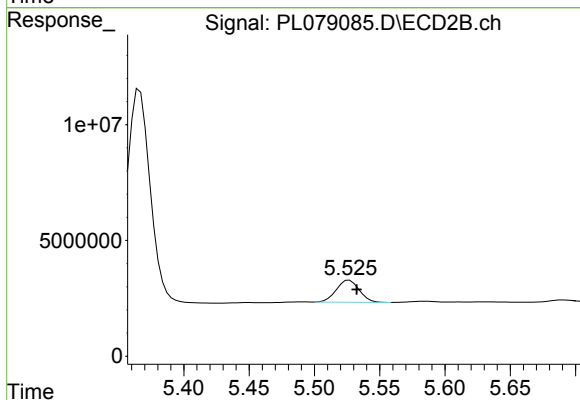
#16 4,4'-DDD

R.T.: 6.497 min
Delta R.T.: -0.002 min
Response: 8800567
Conc: 5.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

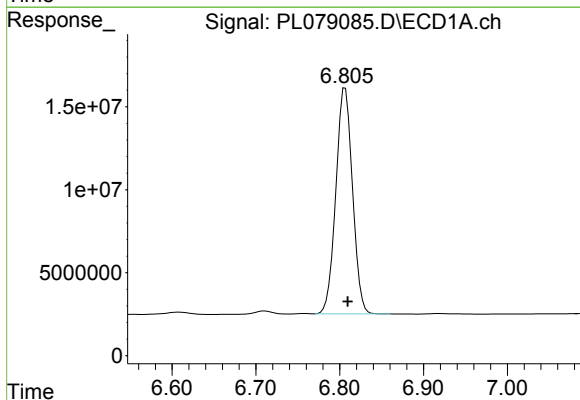
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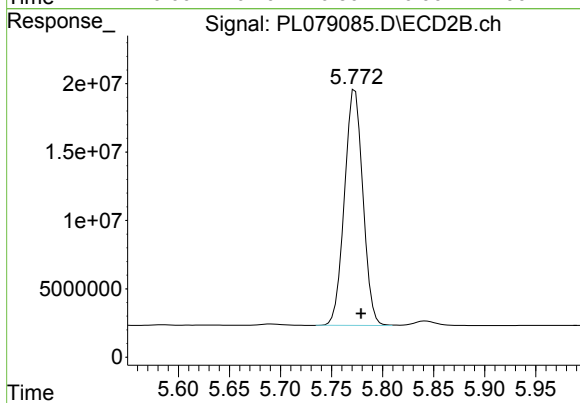
#16 4,4'-DDD

R.T.: 5.527 min
Delta R.T.: -0.005 min
Response: 11647249
Conc: 5.30 ng/ml



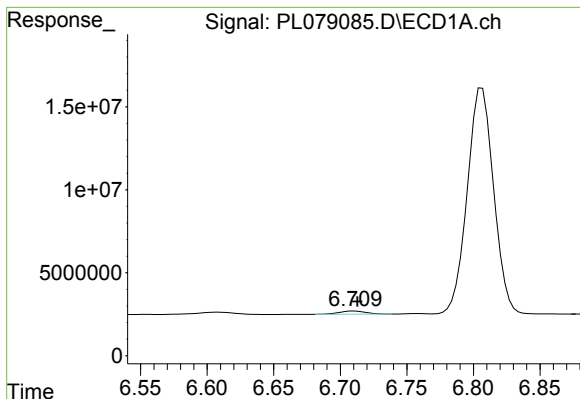
#17 4,4'-DDT

R.T.: 6.807 min
Delta R.T.: -0.003 min
Response: 187787924
Conc: 104.77 ng/ml



#17 4,4'-DDT

R.T.: 5.772 min
Delta R.T.: -0.007 min
Response: 216608362
Conc: 99.86 ng/ml m



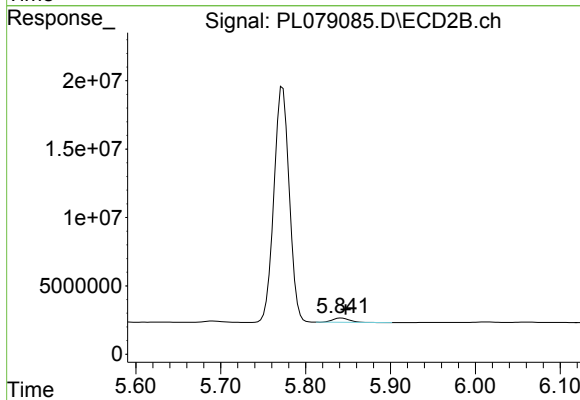
#18 Endrin aldehyde

R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 2674478
Conc: 1.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

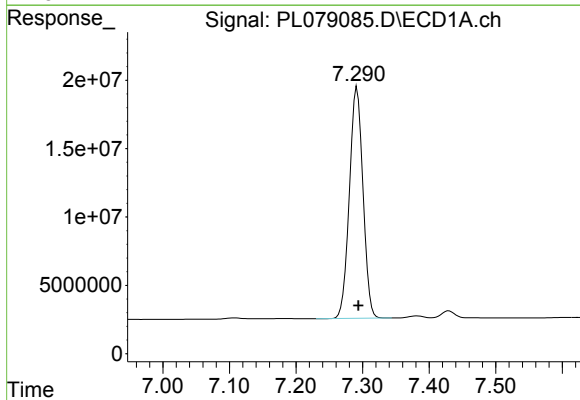
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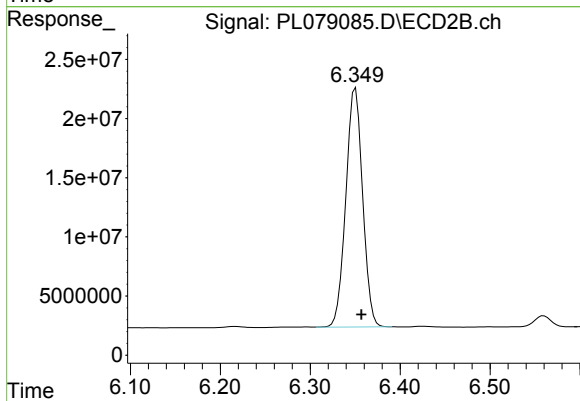
#18 Endrin aldehyde

R.T.: 5.842 min
Delta R.T.: -0.005 min
Response: 4198990
Conc: 2.24 ng/ml



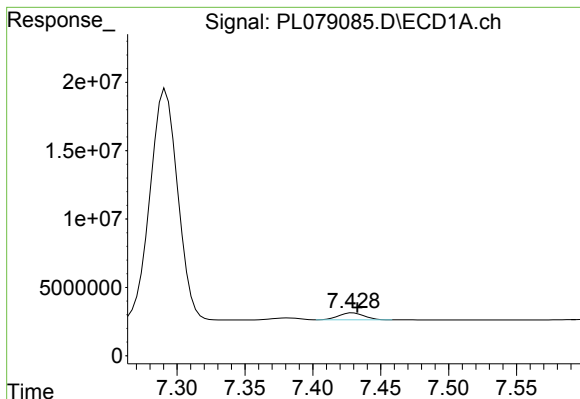
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 239814905
Conc: 260.42 ng/ml



#20 Methoxychlor

R.T.: 6.350 min
Delta R.T.: -0.006 min
Response: 262078126
Conc: 230.95 ng/ml



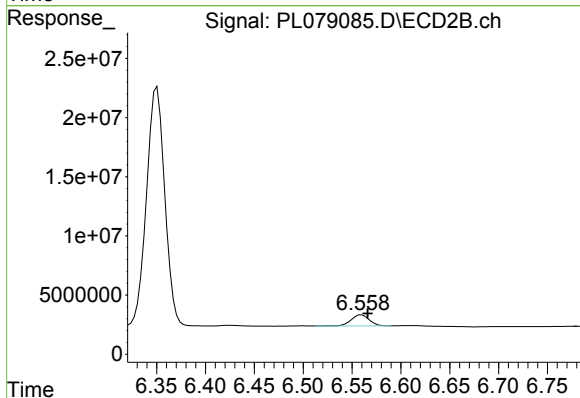
#21 Endrin ketone

R.T.: 7.429 min
Delta R.T.: -0.004 min
Response: 6651472
Conc: 3.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

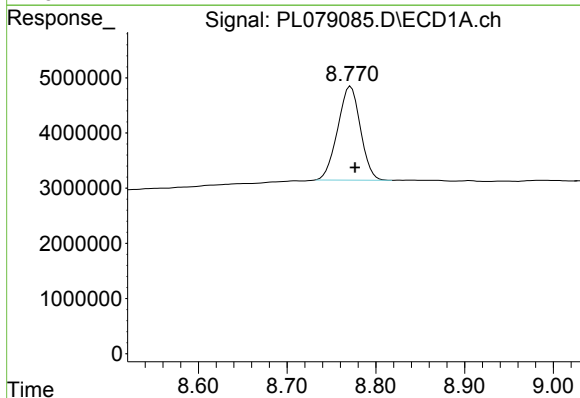
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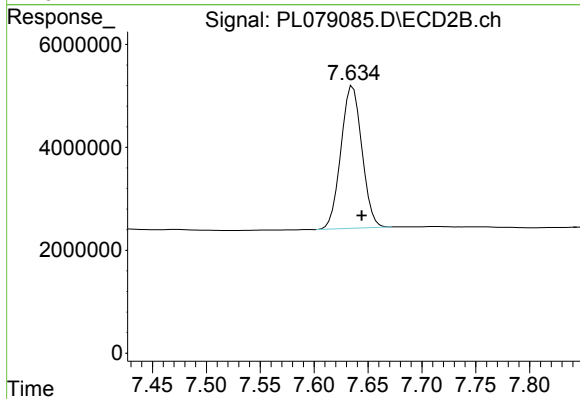
#21 Endrin ketone

R.T.: 6.560 min
Delta R.T.: -0.006 min
Response: 12211000
Conc: 4.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.772 min
Delta R.T.: -0.005 min
Response: 30252089
Conc: 20.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.636 min
Delta R.T.: -0.009 min
Response: 37440394
Conc: 19.77 ng/ml