

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110922\
 Data File : PL078945.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Nov 2022 09:04
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/10/2022
 Supervised By :Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 20:49:43 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...	3.323	2.571	42749380	52327724	22.417	20.495
28)	SA Decachlor...	8.771	7.637	33067509	42079621	21.981	22.216
Target Compounds							
2)	A alpha-BHC	3.783	3.057	29287603	39364500	10.200	9.968
3)	MA gamma-BHC...	4.116	3.378	29041712	36752264	10.870	10.225
6)	B beta-BHC	4.332	3.678	14169148	17026020	12.300	11.866
12)	B 4,4'-DDE	5.972	4.979	427738	232028	0.214	0.085 #
14)	MA Endrin	6.350	5.367	100.6E6	126.7E6	52.991	48.643
16)	A 4,4'-DDD	6.497	5.528	6241217	8788047	3.744	4.001
17)	MA 4,4'-DDT	6.808	5.773	196.2E6	236.3E6	109.488	108.924m
18)	B Endrin al...	6.711	5.844	3199822	5008685	2.199	2.669
20)	A Methoxychlor	7.291	6.351	256.5E6	289.3E6	278.589	254.899
21)	B Endrin ke...	7.430	6.560	6460947	13690992	3.434	5.297 #

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

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Acq On : 09 Nov 2022 09:04
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

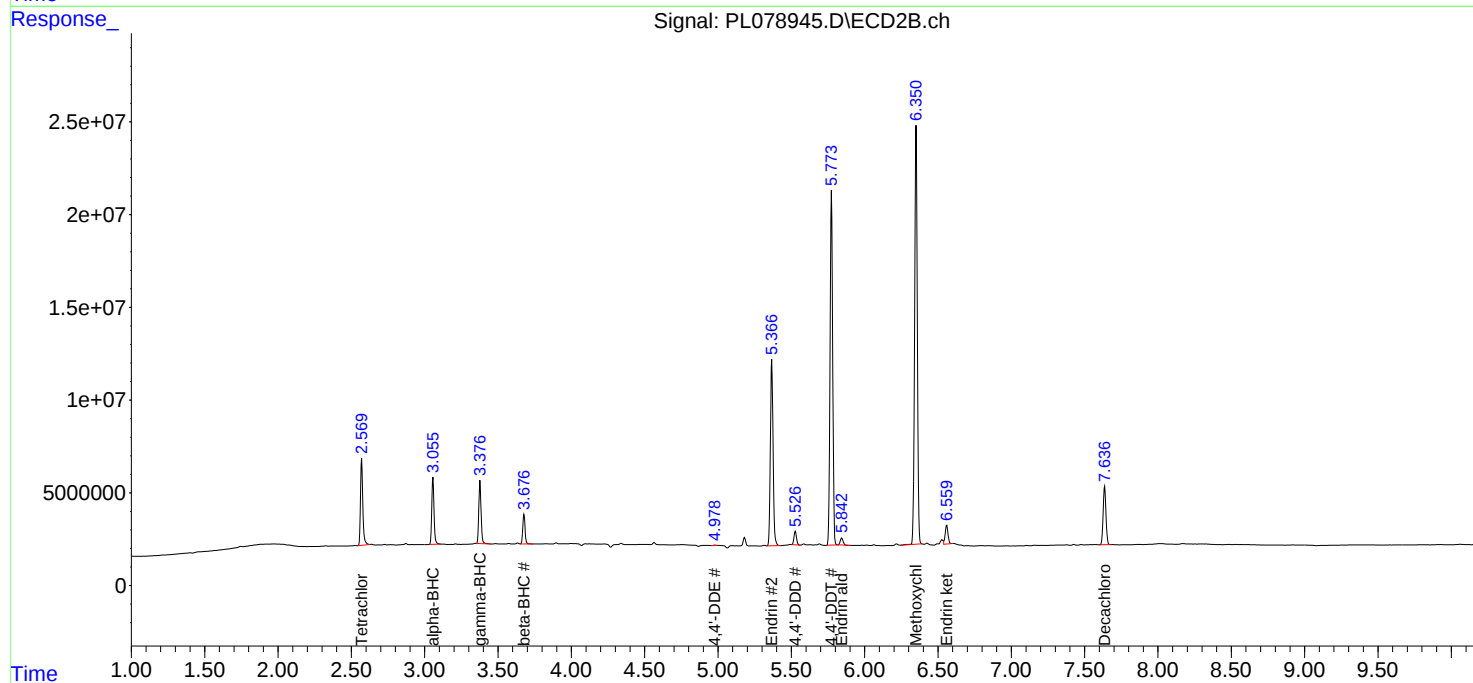
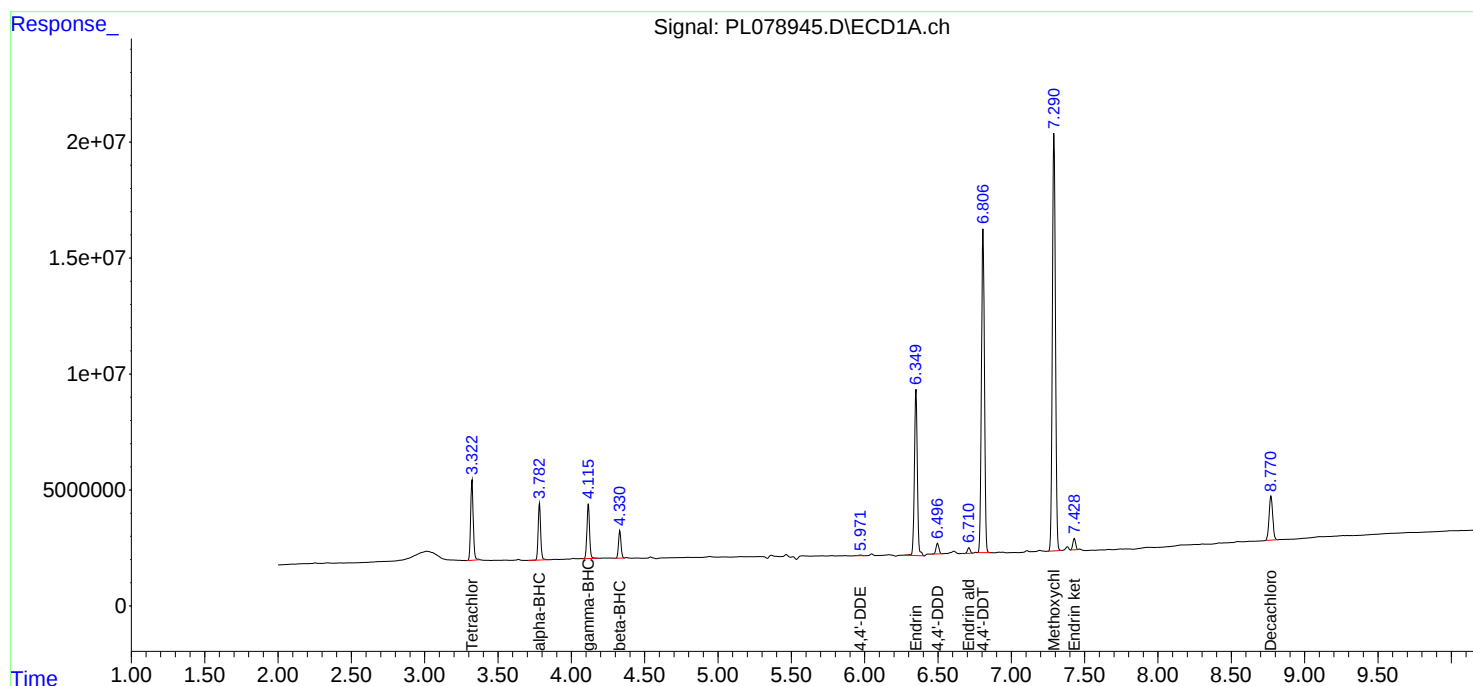
Instrument :
ECD_L
ClientSampleId :
PEM

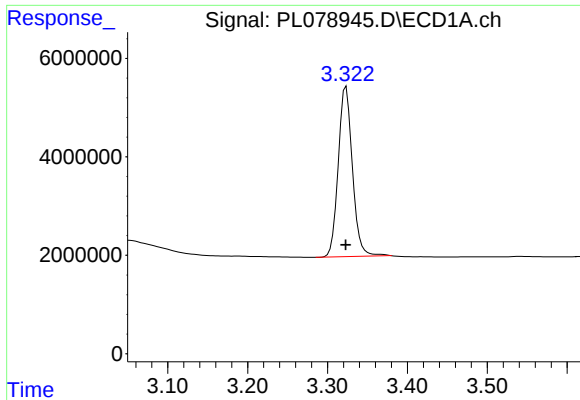
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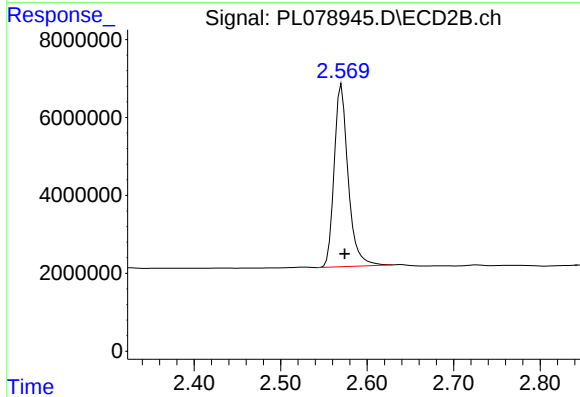
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 42749380
Conc: 22.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

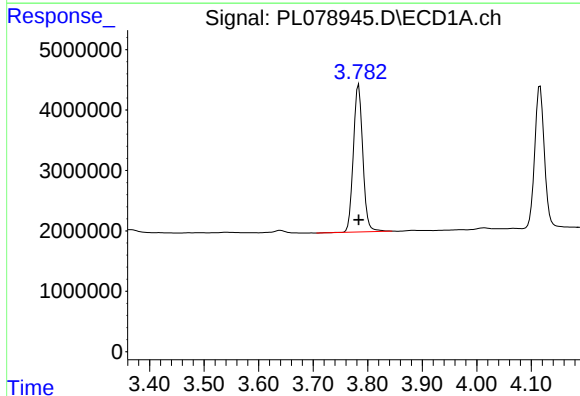
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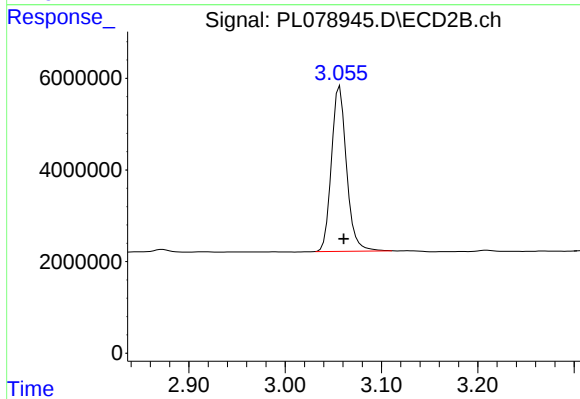
#1 Tetrachloro-m-xylene

R.T.: 2.571 min
Delta R.T.: -0.003 min
Response: 52327724
Conc: 20.49 ng/ml



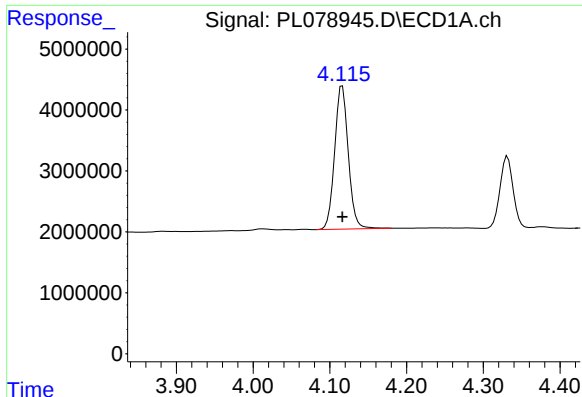
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 29287603
Conc: 10.20 ng/ml



#2 alpha-BHC

R.T.: 3.057 min
Delta R.T.: -0.004 min
Response: 39364500
Conc: 9.97 ng/ml



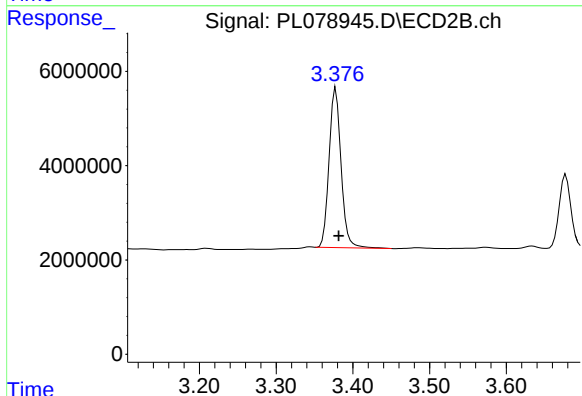
#3 gamma-BHC (Lindane)

R.T.: 4.116 min
Delta R.T.: 0.000 min
Response: 29041712
Conc: 10.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

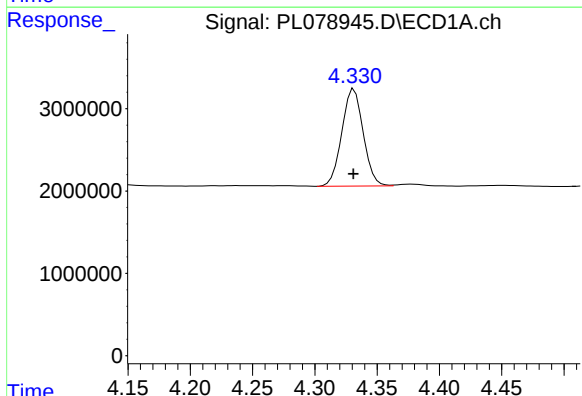
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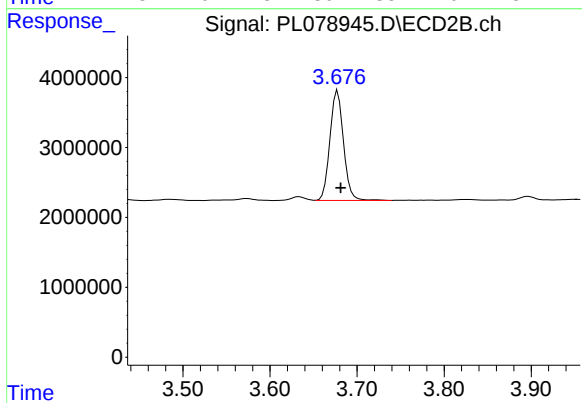
#3 gamma-BHC (Lindane)

R.T.: 3.378 min
Delta R.T.: -0.004 min
Response: 36752264
Conc: 10.23 ng/ml



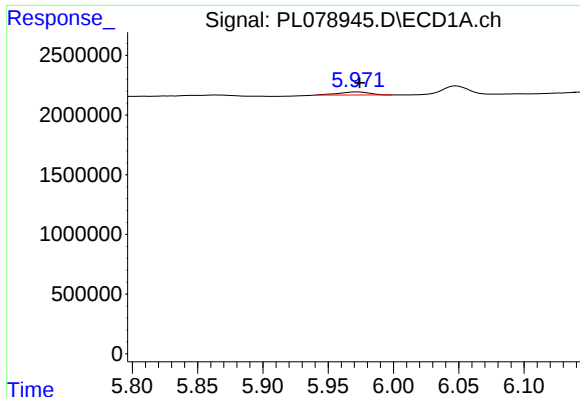
#6 beta-BHC

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 14169148
Conc: 12.30 ng/ml



#6 beta-BHC

R.T.: 3.678 min
Delta R.T.: -0.003 min
Response: 17026020
Conc: 11.87 ng/ml



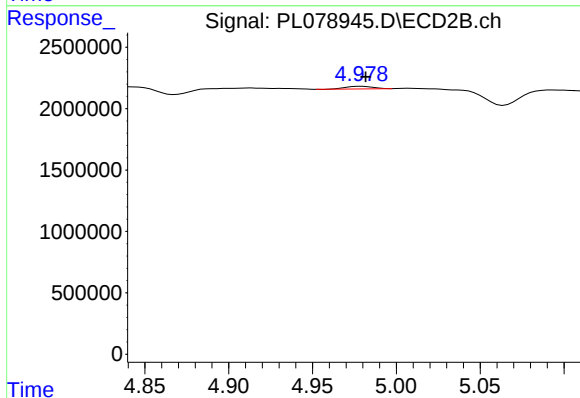
#12 4,4'-DDE

R.T.: 5.972 min
Delta R.T.: -0.002 min
Response: 427738
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

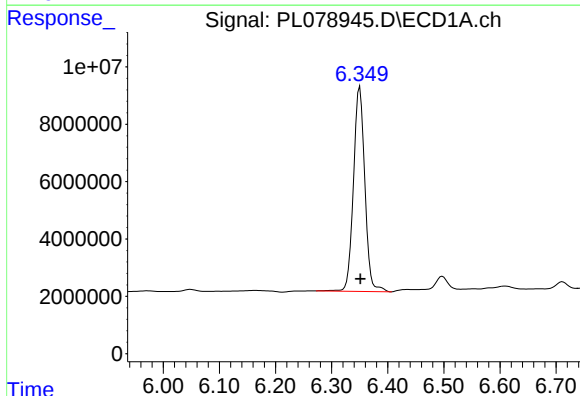
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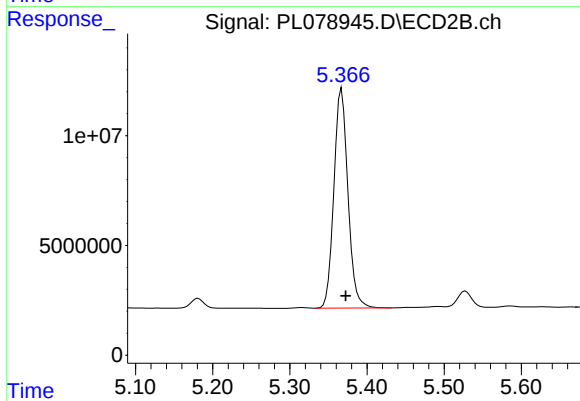
#12 4,4'-DDE

R.T.: 4.979 min
Delta R.T.: -0.003 min
Response: 232028
Conc: 0.09 ng/ml



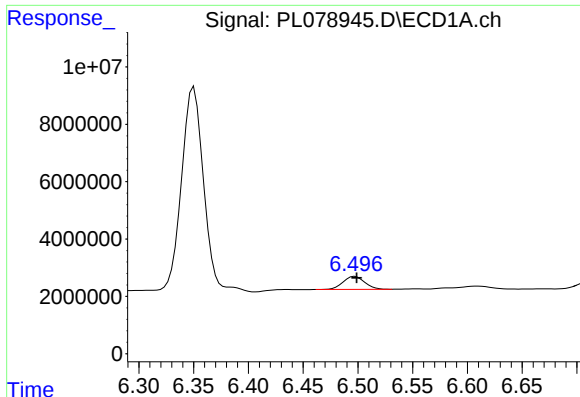
#14 Endrin

R.T.: 6.350 min
Delta R.T.: -0.001 min
Response: 100567032
Conc: 52.99 ng/ml



#14 Endrin

R.T.: 5.367 min
Delta R.T.: -0.005 min
Response: 126727783
Conc: 48.64 ng/ml



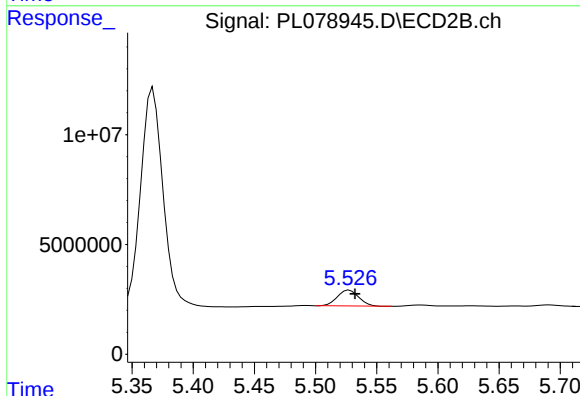
#16 4,4'-DDD

R.T.: 6.497 min
Delta R.T.: -0.002 min
Response: 6241217
Conc: 3.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

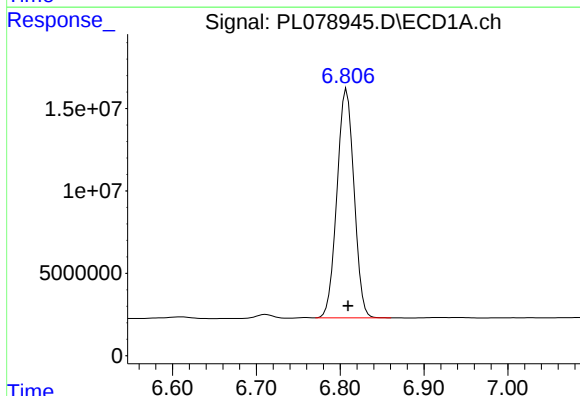
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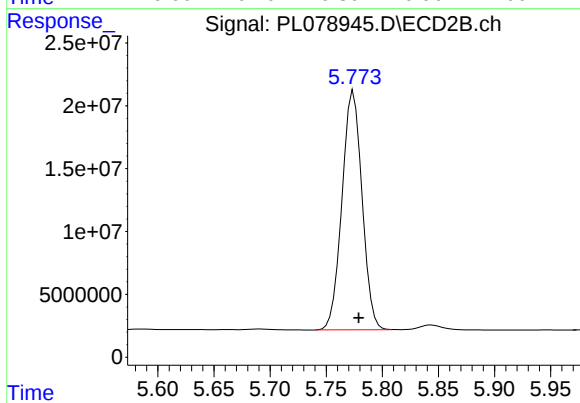
#16 4,4'-DDD

R.T.: 5.528 min
Delta R.T.: -0.005 min
Response: 8788047
Conc: 4.00 ng/ml



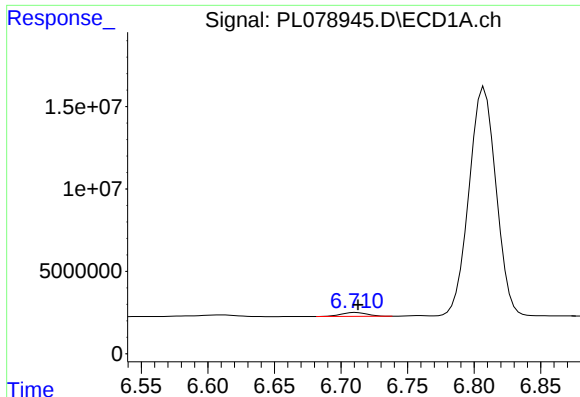
#17 4,4'-DDT

R.T.: 6.808 min
Delta R.T.: -0.002 min
Response: 196237444
Conc: 109.49 ng/ml



#17 4,4'-DDT

R.T.: 5.773 min
Delta R.T.: -0.006 min
Response: 236269898
Conc: 108.92 ng/ml m



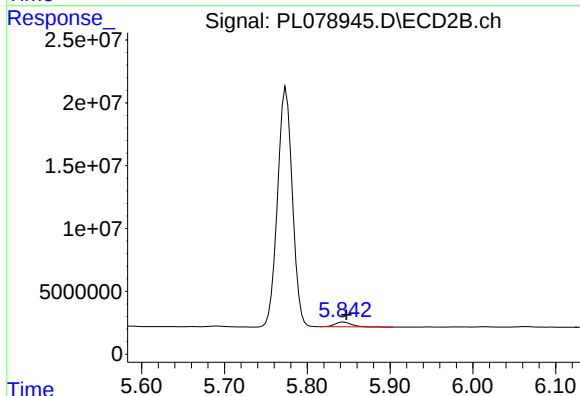
#18 Endrin aldehyde

R.T.: 6.711 min
Delta R.T.: -0.001 min
Response: 3199822
Conc: 2.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

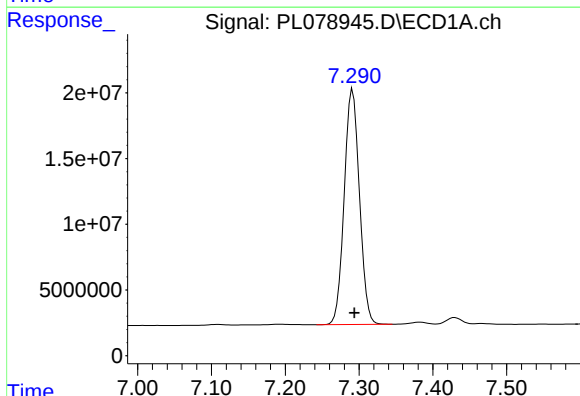
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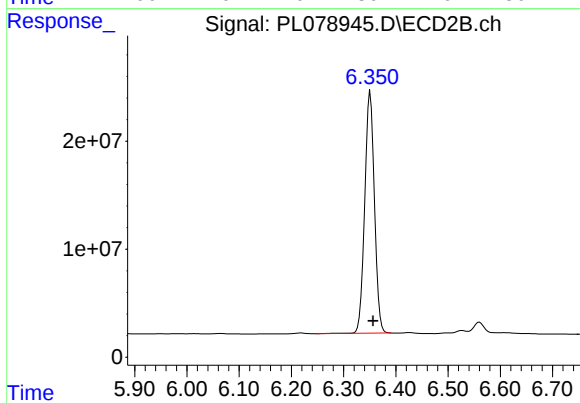
#18 Endrin aldehyde

R.T.: 5.844 min
Delta R.T.: -0.003 min
Response: 5008685
Conc: 2.67 ng/ml



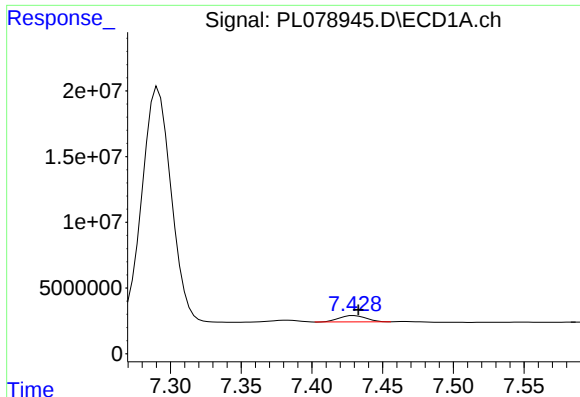
#20 Methoxychlor

R.T.: 7.291 min
Delta R.T.: -0.003 min
Response: 256549221
Conc: 278.59 ng/ml



#20 Methoxychlor

R.T.: 6.351 min
Delta R.T.: -0.006 min
Response: 289258273
Conc: 254.90 ng/ml



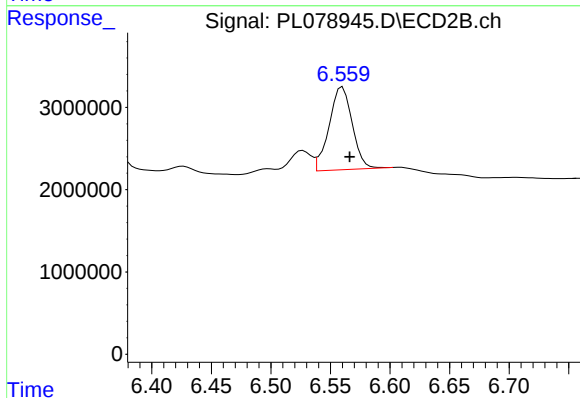
#21 Endrin ketone

R.T.: 7.430 min
Delta R.T.: -0.003 min
Response: 6460947
Conc: 3.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

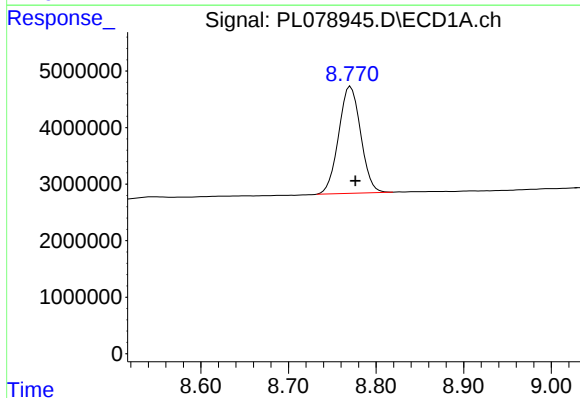
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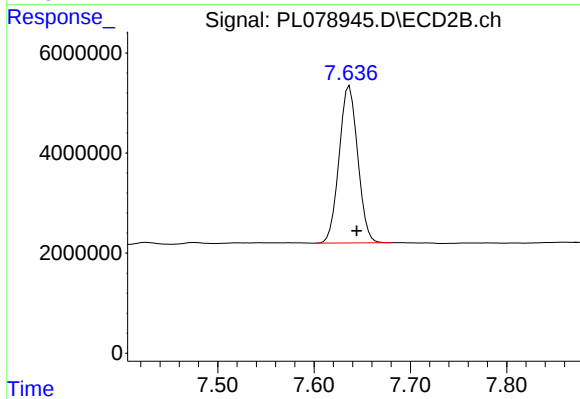
#21 Endrin ketone

R.T.: 6.560 min
Delta R.T.: -0.006 min
Response: 13690992
Conc: 5.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.771 min
Delta R.T.: -0.006 min
Response: 33067509
Conc: 21.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.637 min
Delta R.T.: -0.007 min
Response: 42079621
Conc: 22.22 ng/ml