

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110322\
 Data File : PL078783.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Nov 2022 16:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/04/2022
 Supervised By :Ankita Jodhani 11/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 03:19:55 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	37601665	54607994	19.718	21.388
28)	SA Decachlor...	8.773	7.639	27084117	37282864	18.004	19.684
Target Compounds							
2)	A alpha-BHC	3.782	3.056	25254818	40910701	8.795	10.360
3)	MA gamma-BHC...	4.115	3.377	24165599	37722946	9.045	10.496
6)	B beta-BHC	4.330	3.677	11468178	16902310	9.955	11.780
14)	MA Endrin	6.350	5.368	82132121	127.3E6	43.277	48.852
16)	A 4,4'-DDD	6.497	5.529	2724915	4324662	1.635	1.969
17)	MA 4,4'-DDT	6.808	5.774	153.0E6	227.7E6	85.338	104.988m
18)	B Endrin al...	6.712	5.844	1956977	3698044	1.345	1.970m#
20)	A Methoxychlor	7.292	6.352	203.2E6	280.6E6	220.614	247.247
21)	B Endrin ke...	7.430	6.561	4044377	10977909	2.150	4.247 #

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

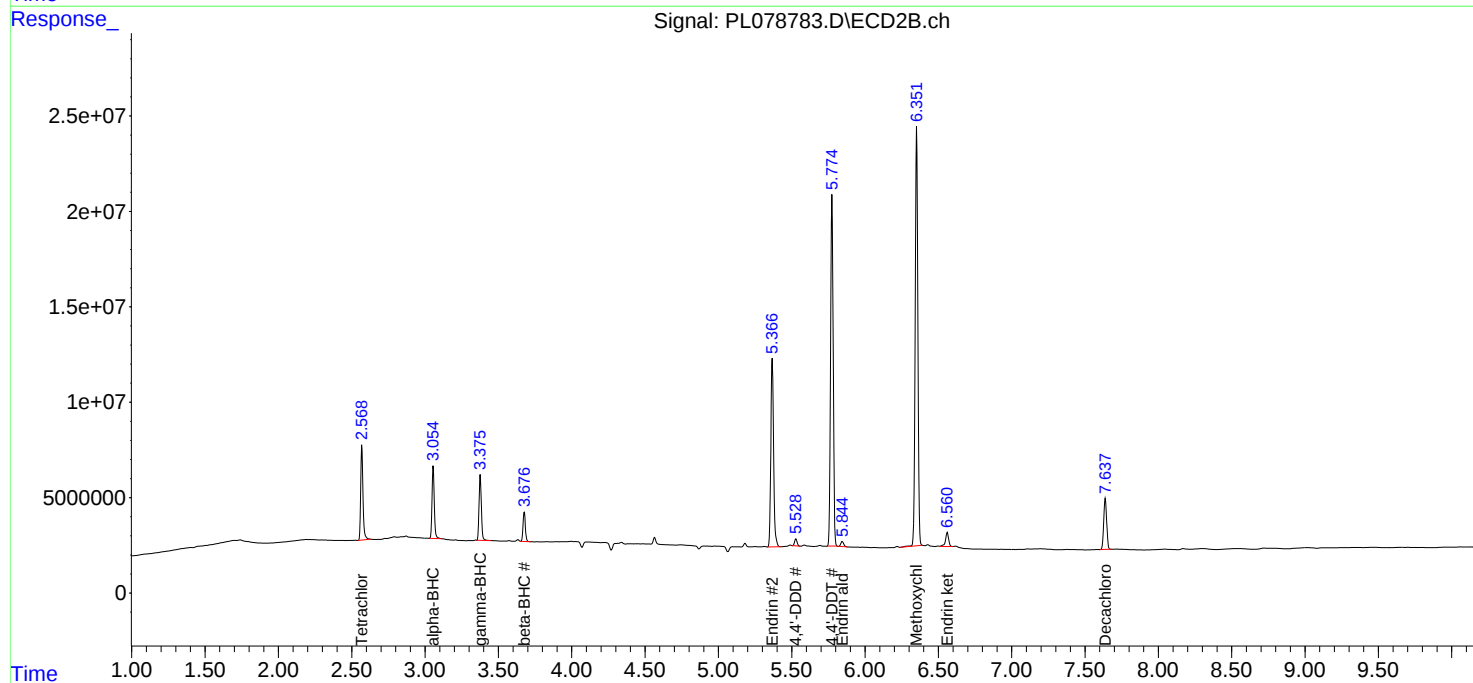
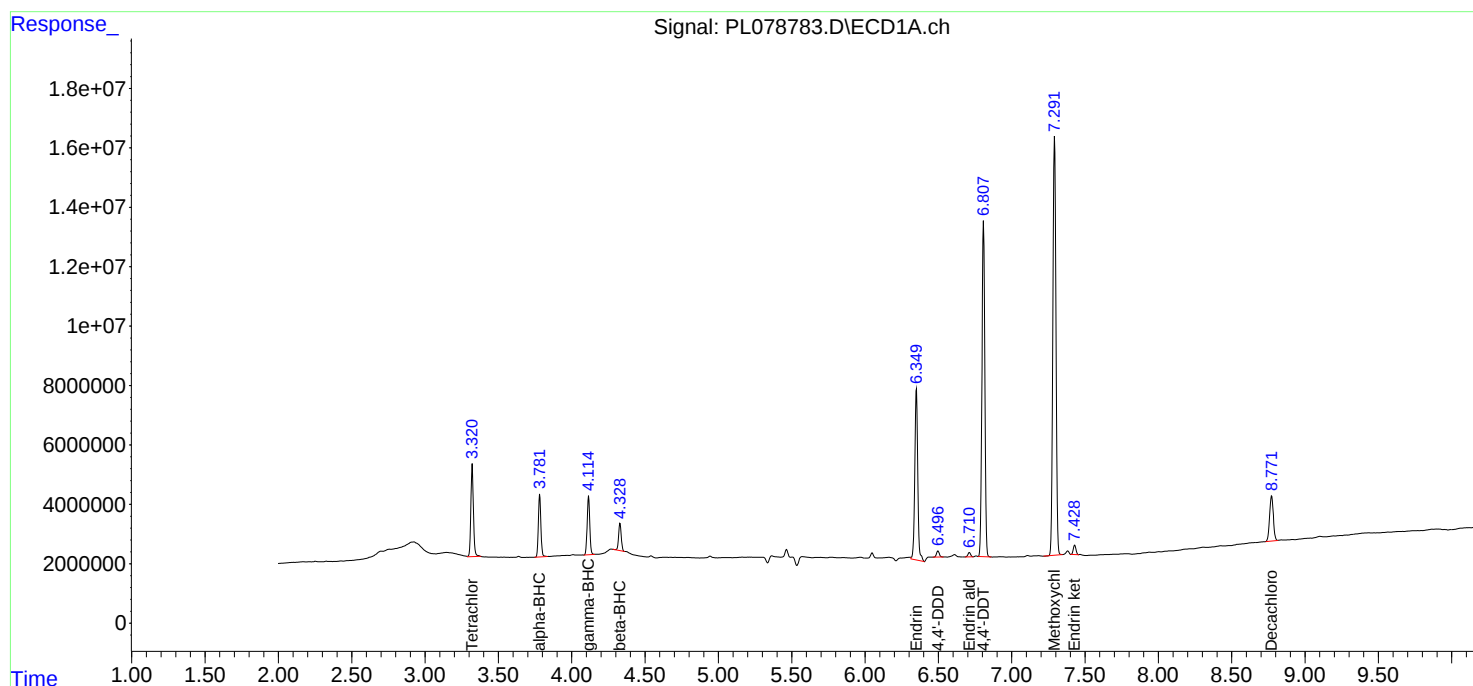
Instrument :
ECD_L
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PEM

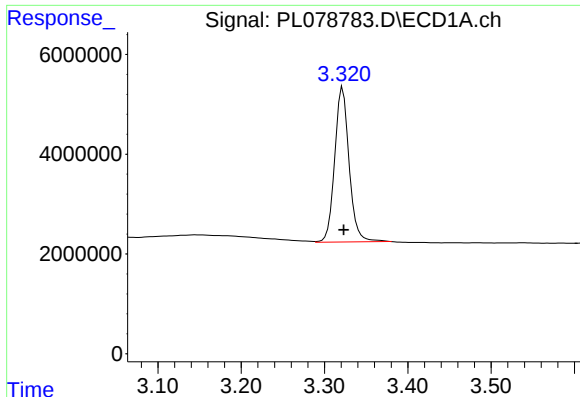
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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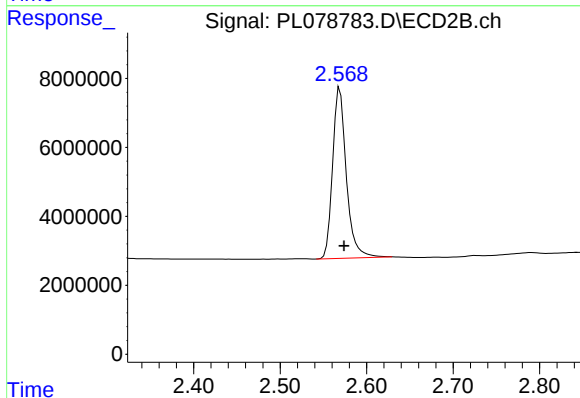
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: -0.001 min
Response: 37601665
Conc: 19.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

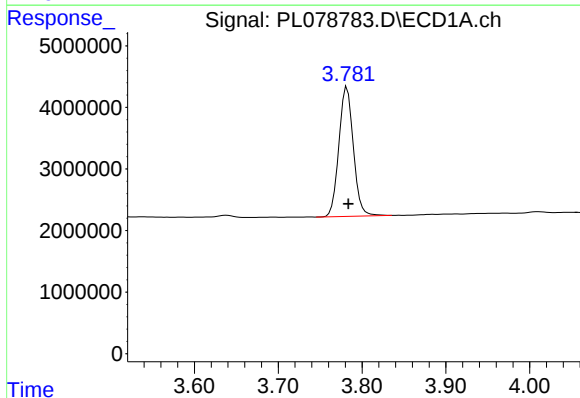
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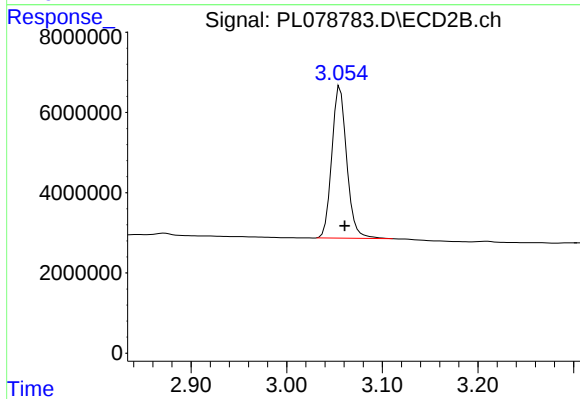
#1 Tetrachloro-m-xylene

R.T.: 2.569 min
Delta R.T.: -0.005 min
Response: 54607994
Conc: 21.39 ng/ml



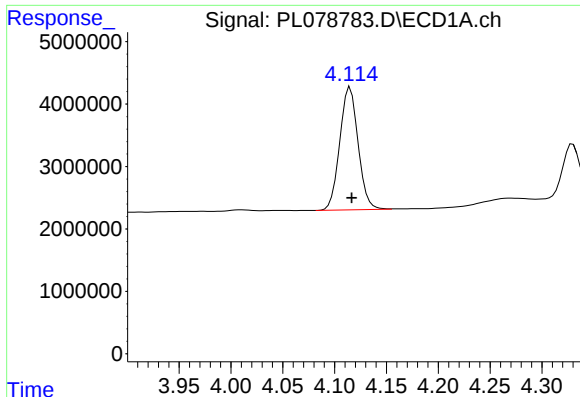
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.002 min
Response: 25254818
Conc: 8.80 ng/ml



#2 alpha-BHC

R.T.: 3.056 min
Delta R.T.: -0.005 min
Response: 40910701
Conc: 10.36 ng/ml



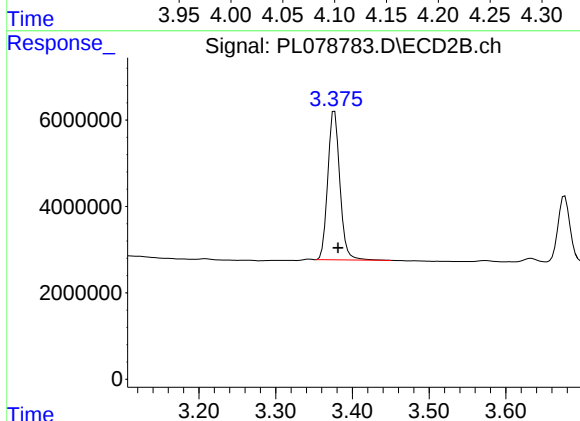
#3 gamma-BHC (Lindane)

R.T.: 4.115 min
Delta R.T.: -0.001 min
Response: 24165599
Conc: 9.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

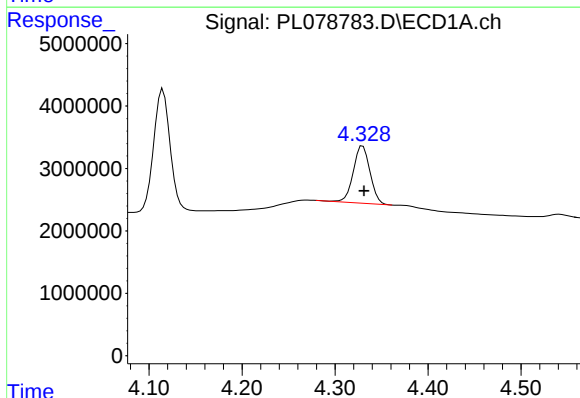
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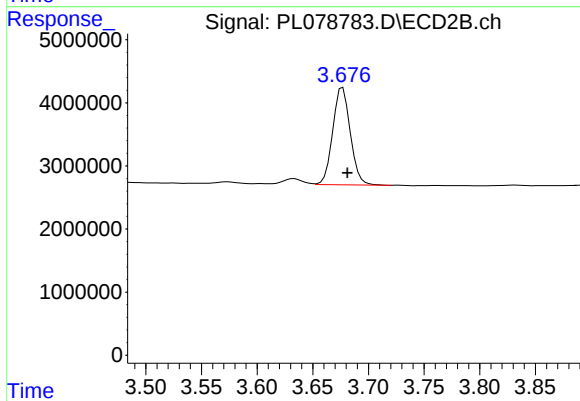
#3 gamma-BHC (Lindane)

R.T.: 3.377 min
Delta R.T.: -0.005 min
Response: 37722946
Conc: 10.50 ng/ml



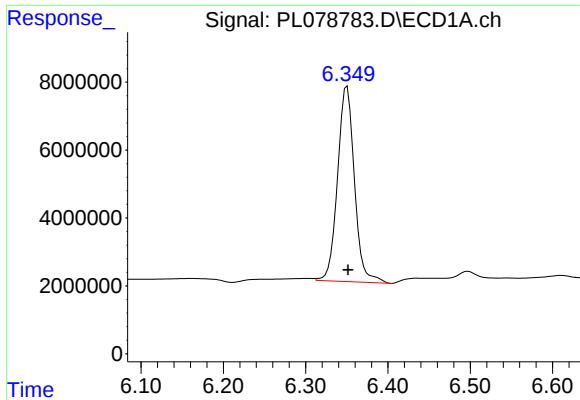
#6 beta-BHC

R.T.: 4.330 min
Delta R.T.: -0.001 min
Response: 11468178
Conc: 9.96 ng/ml



#6 beta-BHC

R.T.: 3.677 min
Delta R.T.: -0.004 min
Response: 16902310
Conc: 11.78 ng/ml



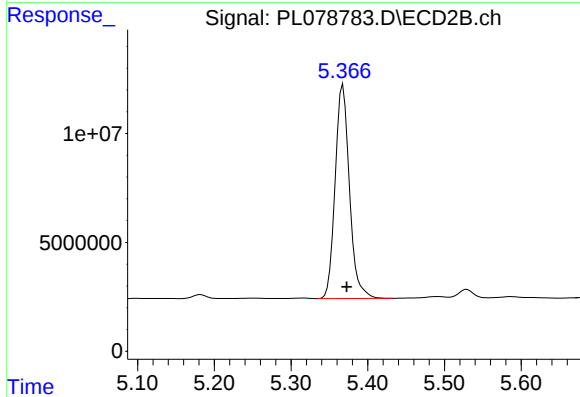
#14 Endrin

R.T.: 6.350 min
Delta R.T.: -0.001 min
Response: 82132121
Conc: 43.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

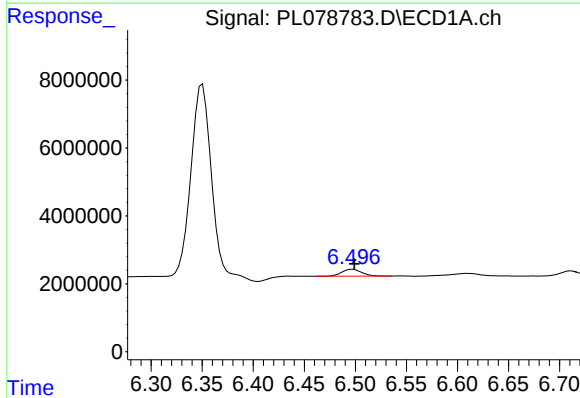
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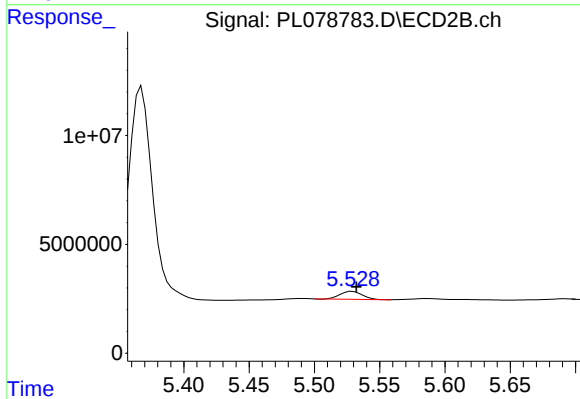
#14 Endrin

R.T.: 5.368 min
Delta R.T.: -0.005 min
Response: 127270980
Conc: 48.85 ng/ml



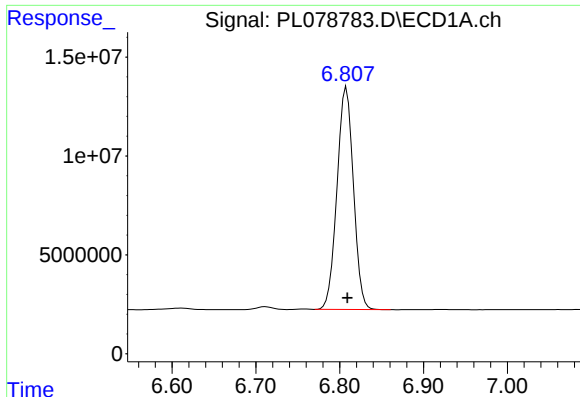
#16 4,4'-DDD

R.T.: 6.497 min
Delta R.T.: -0.002 min
Response: 2724915
Conc: 1.63 ng/ml



#16 4,4'-DDD

R.T.: 5.529 min
Delta R.T.: -0.003 min
Response: 4324662
Conc: 1.97 ng/ml



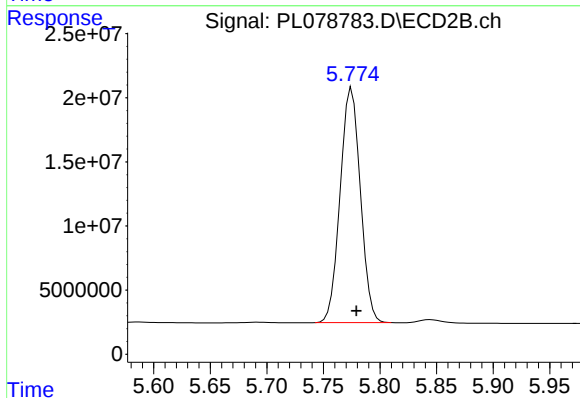
#17 4,4'-DDT

R.T.: 6.808 min
Delta R.T.: -0.001 min
Response: 152954115
Conc: 85.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

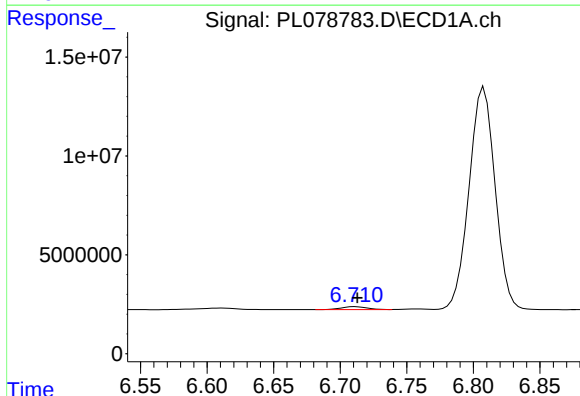
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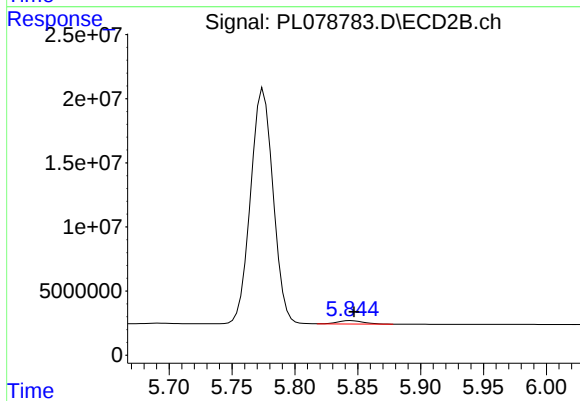
#17 4,4'-DDT

R.T.: 5.774 min
Delta R.T.: -0.005 min
Response: 227731260
Conc: 104.99 ng/ml m



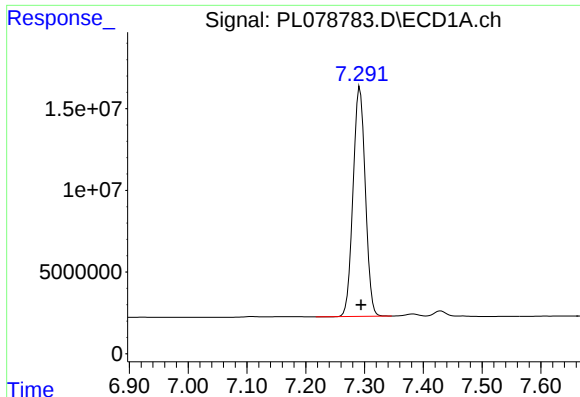
#18 Endrin aldehyde

R.T.: 6.712 min
Delta R.T.: -0.001 min
Response: 1956977
Conc: 1.34 ng/ml



#18 Endrin aldehyde

R.T.: 5.844 min
Delta R.T.: -0.004 min
Response: 3698044
Conc: 1.97 ng/ml m



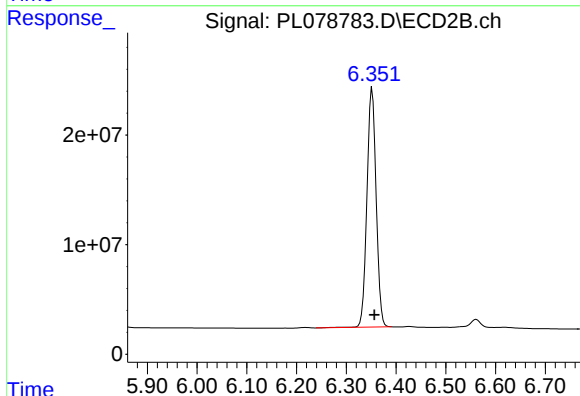
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 203160389
Conc: 220.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

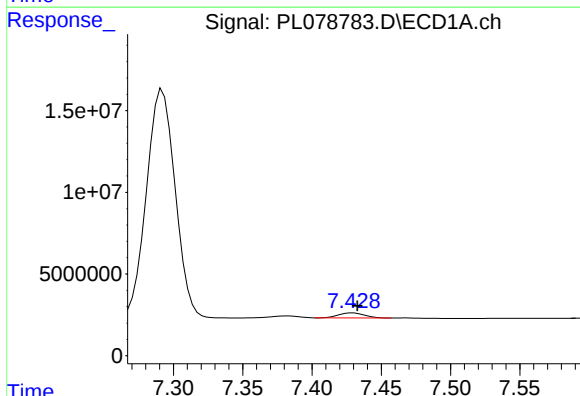
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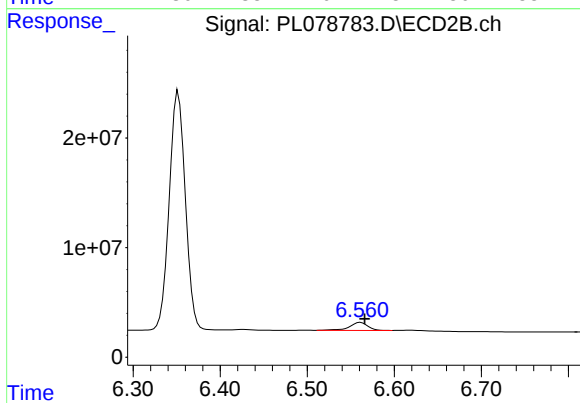
#20 Methoxychlor

R.T.: 6.352 min
Delta R.T.: -0.005 min
Response: 280574857
Conc: 247.25 ng/ml



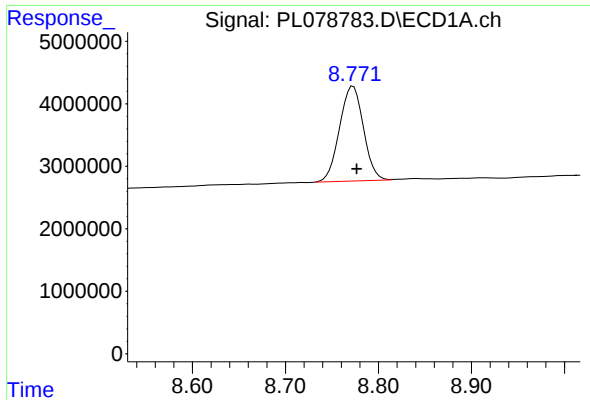
#21 Endrin ketone

R.T.: 7.430 min
Delta R.T.: -0.003 min
Response: 4044377
Conc: 2.15 ng/ml



#21 Endrin ketone

R.T.: 6.561 min
Delta R.T.: -0.005 min
Response: 10977909
Conc: 4.25 ng/ml



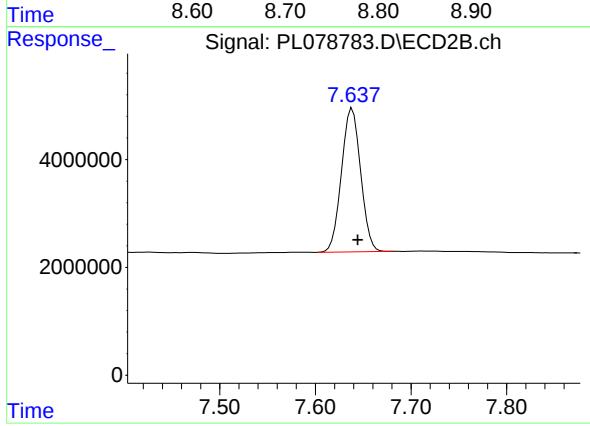
#28 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: -0.004 min
Response: 27084117
Conc: 18.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.639 min
Delta R.T.: -0.006 min
Response: 37282864
Conc: 19.68 ng/ml