

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100923\
 Data File : PL085766.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2023 08:59
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/10/2023
 Supervised By : Ankita Jodhani 10/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:13:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 2023
 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...	3.359	2.623	63167537	18783068	21.239	20.108
28)	SA Decachlor...	8.863	7.776	47681230	20666825	21.892	22.391
Target Compounds							
2)	A alpha-BHC	3.813	3.121	41113118	11717362	9.579	9.313
3)	MA gamma-BHC...	4.145	3.449	40790927	11237175	9.869	9.111
6)	B beta-BHC	4.347	3.751	18565294	6036599	11.227	11.596
12)	B 4,4'-DDE	6.022	5.083	3304525	99894	1.182m	0.122 #
14)	MA Endrin	6.392	5.475	133.8E6	43938306	46.948	48.874
16)	A 4,4'-DDD	6.542	5.637	2075137	609504	1.030	0.876m
17)	MA 4,4'-DDT	6.857	5.890	262.7E6	93908873	111.461	118.759
18)	B Endrin al...	6.746	5.955	2927658	1872936	1.444	2.512 #
20)	A Methoxychlor	7.342	6.474	343.6E6	131.4E6	245.990	249.754
21)	B Endrin ke...	7.462	6.680	6270804	3318714	2.177	2.887 #

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

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ALS Vial : 3 Sample Multiplier: 1

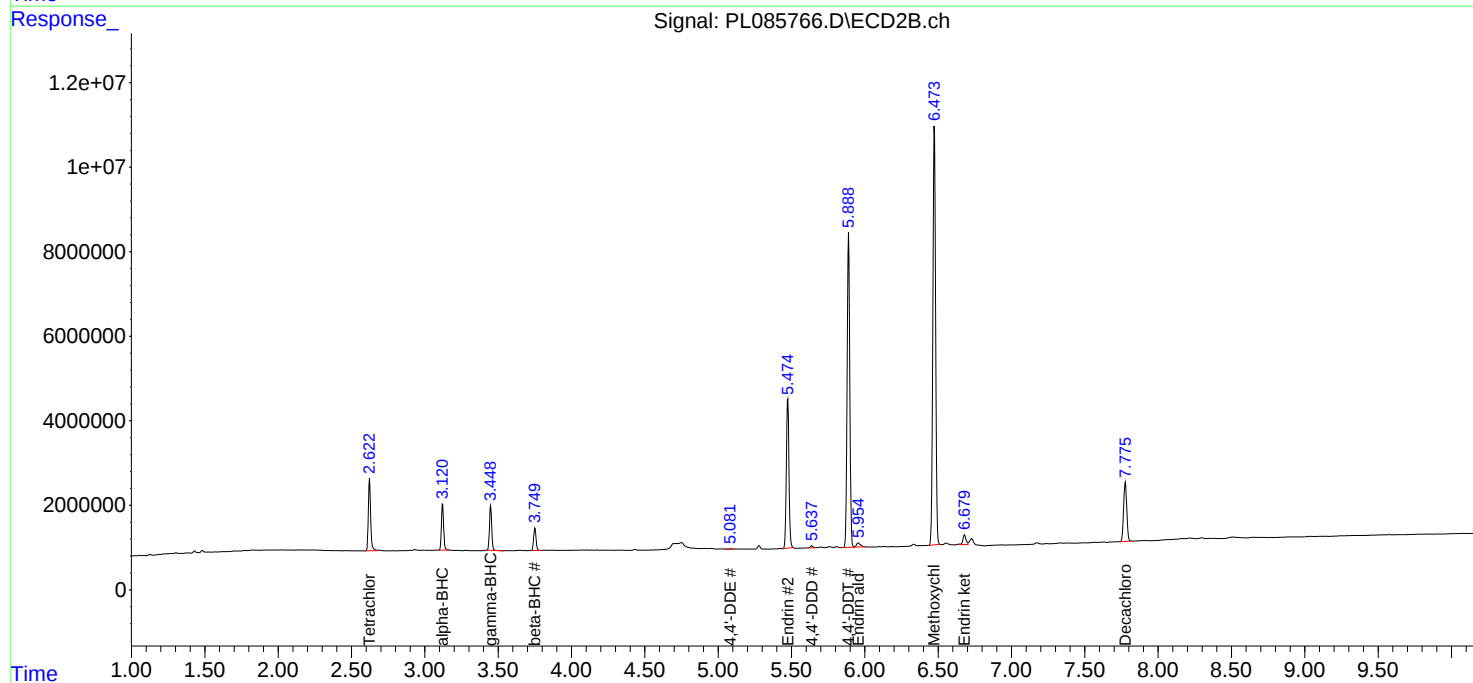
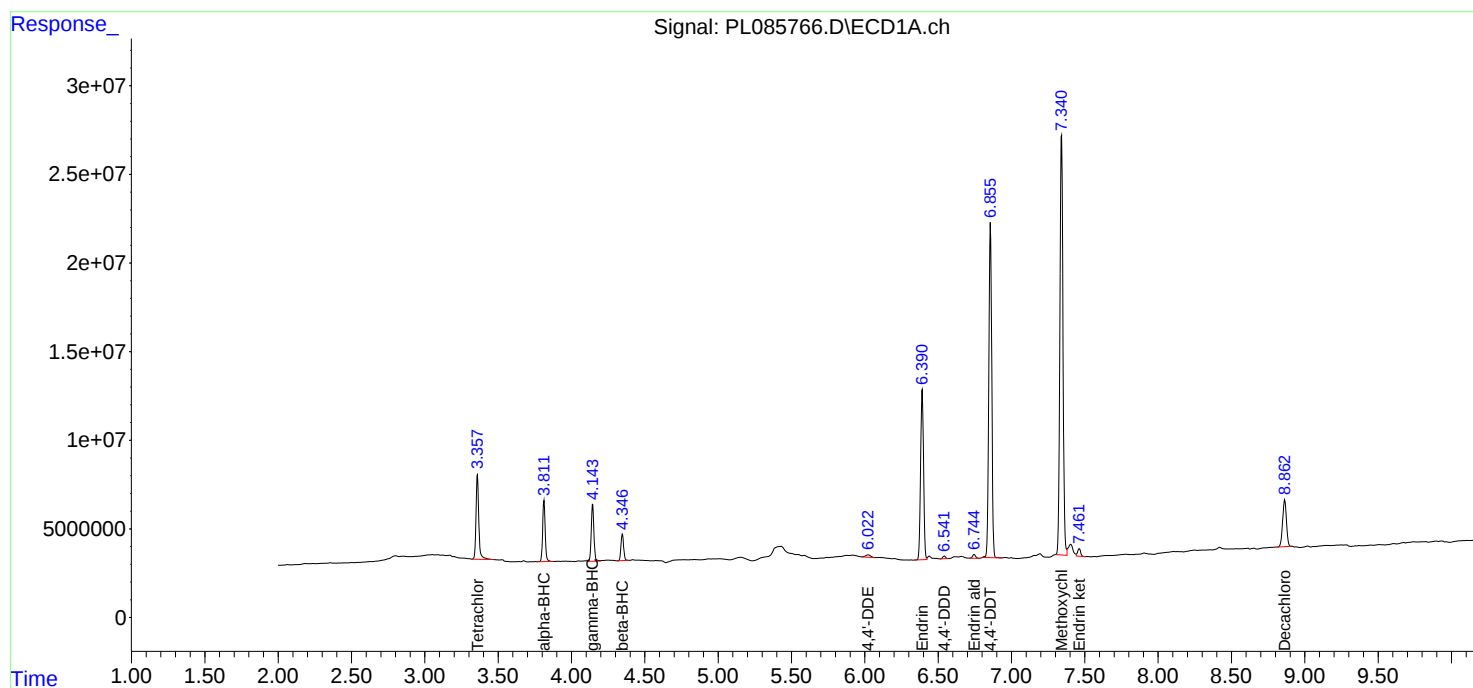
Instrument :
ECD_L
ClientSampleId :
PEM

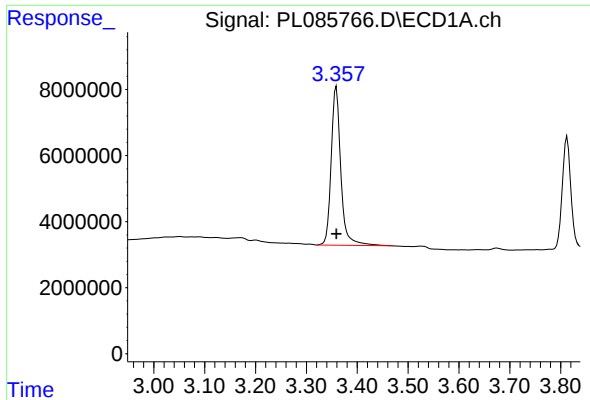
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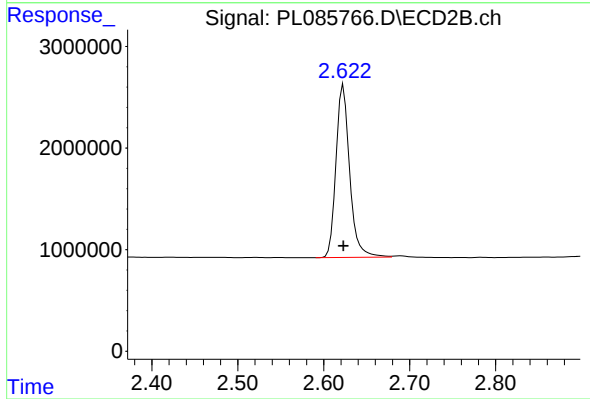
#1 Tetrachloro-m-xylene

R.T.: 3.359 min
Delta R.T.: 0.000 min
Response: 63167537
Conc: 21.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

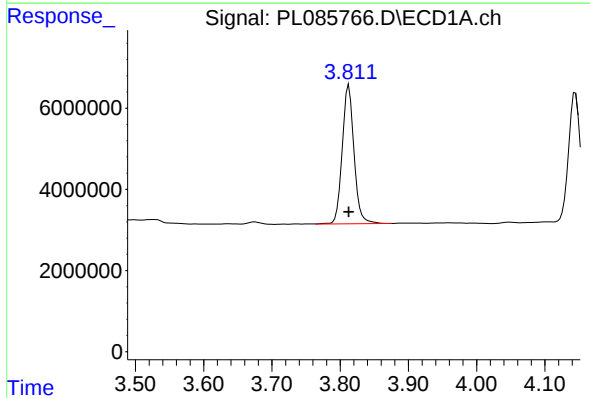
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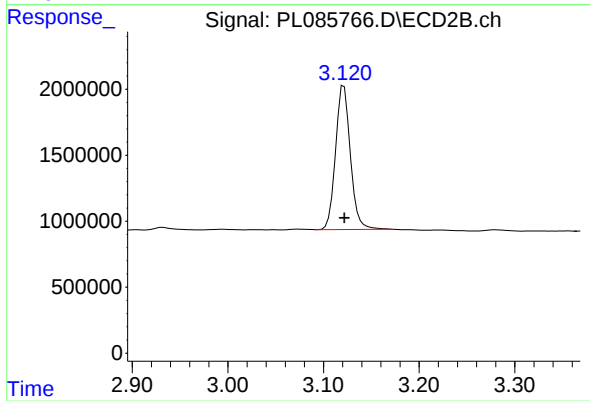
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: 0.000 min
Response: 18783068
Conc: 20.11 ng/ml



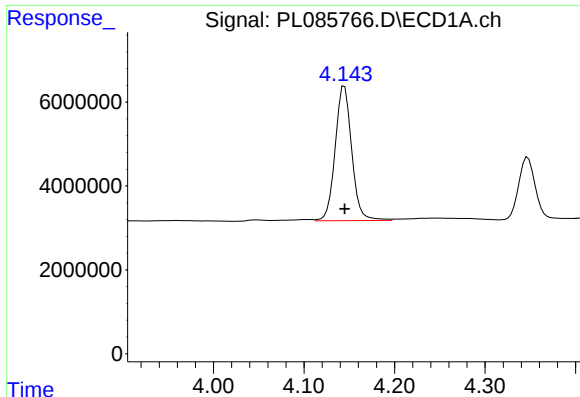
#2 alpha-BHC

R.T.: 3.813 min
Delta R.T.: 0.000 min
Response: 41113118
Conc: 9.58 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 11717362
Conc: 9.31 ng/ml



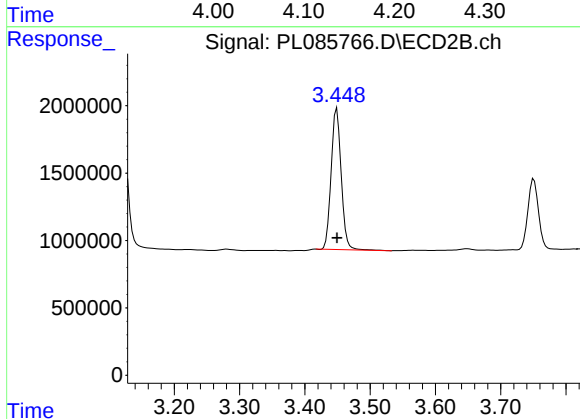
#3 gamma-BHC (Lindane)

R.T.: 4.145 min
Delta R.T.: 0.000 min
Response: 40790927
Conc: 9.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

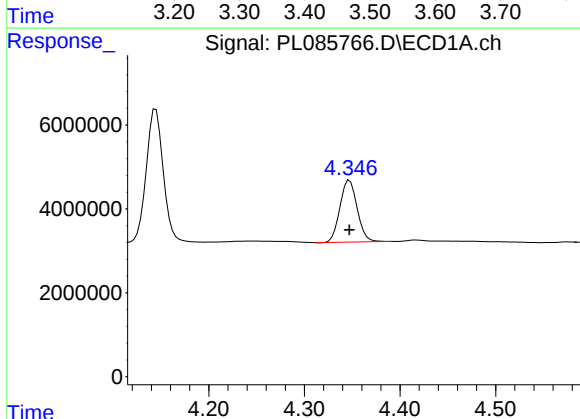
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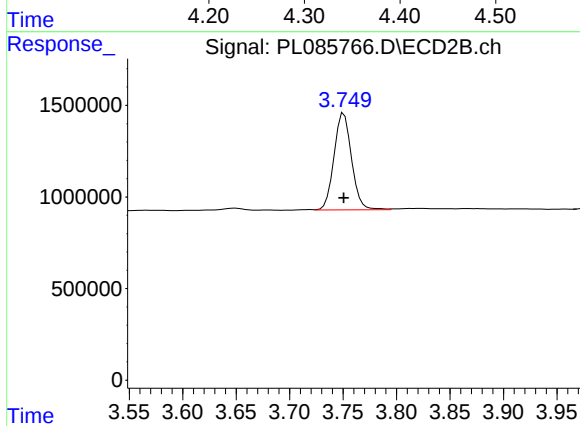
#3 gamma-BHC (Lindane)

R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 11237175
Conc: 9.11 ng/ml



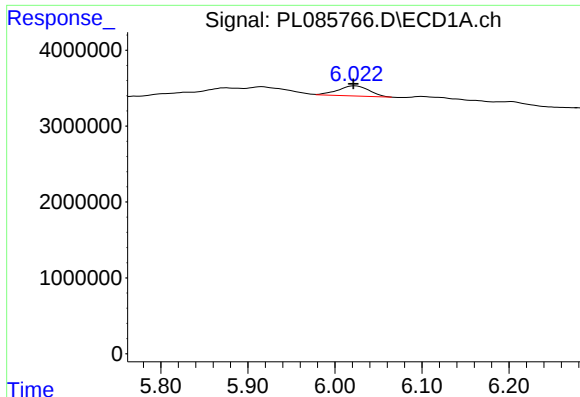
#6 beta-BHC

R.T.: 4.347 min
Delta R.T.: 0.000 min
Response: 18565294
Conc: 11.23 ng/ml



#6 beta-BHC

R.T.: 3.751 min
Delta R.T.: 0.000 min
Response: 6036599
Conc: 11.60 ng/ml



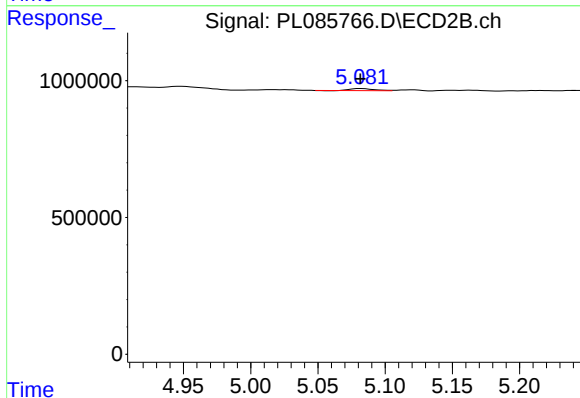
#12 4,4'-DDE

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 3304525
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

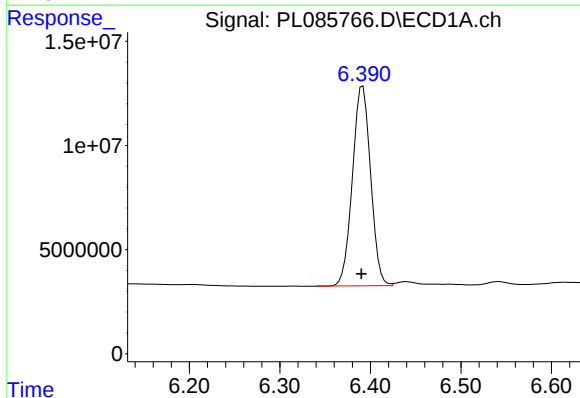
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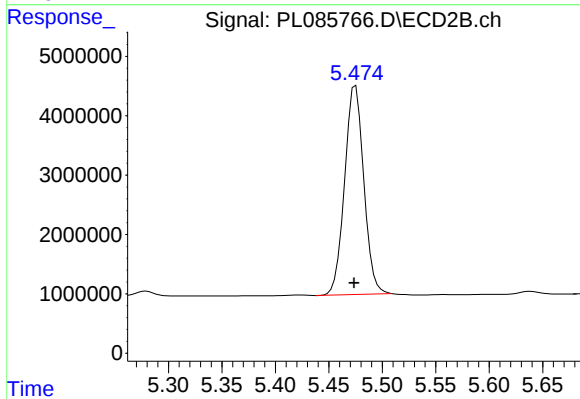
#12 4,4'-DDE

R.T.: 5.083 min
Delta R.T.: 0.001 min
Response: 99894
Conc: 0.12 ng/ml



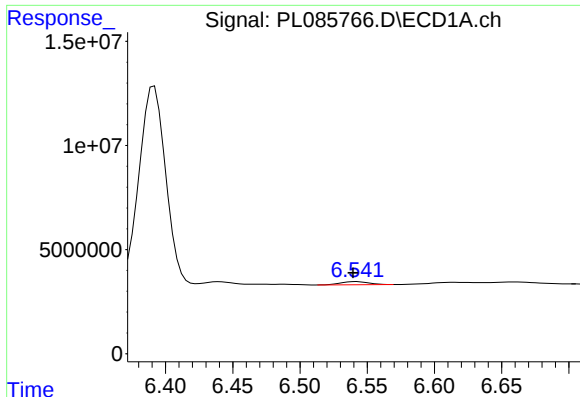
#14 Endrin

R.T.: 6.392 min
Delta R.T.: 0.002 min
Response: 133789345
Conc: 46.95 ng/ml



#14 Endrin

R.T.: 5.475 min
Delta R.T.: 0.001 min
Response: 43938306
Conc: 48.87 ng/ml



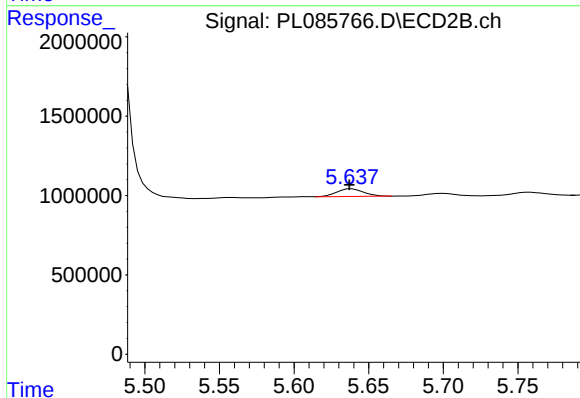
#16 4,4'-DDD

R.T.: 6.542 min
Delta R.T.: 0.003 min
Response: 2075137
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

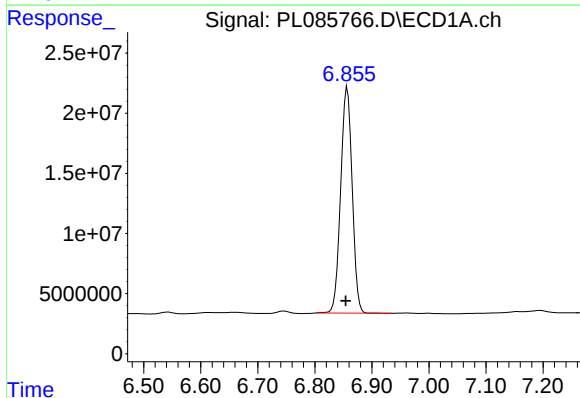
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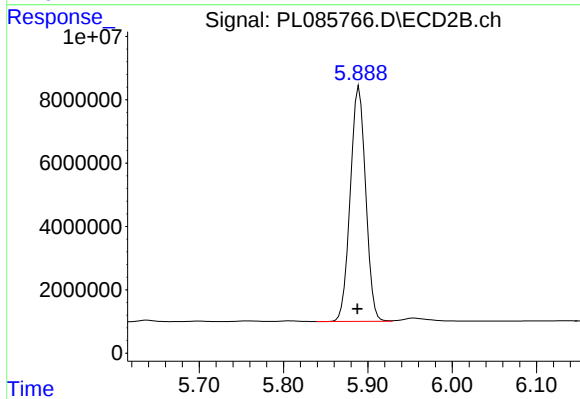
#16 4,4'-DDD

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 609504
Conc: 0.88 ng/ml m



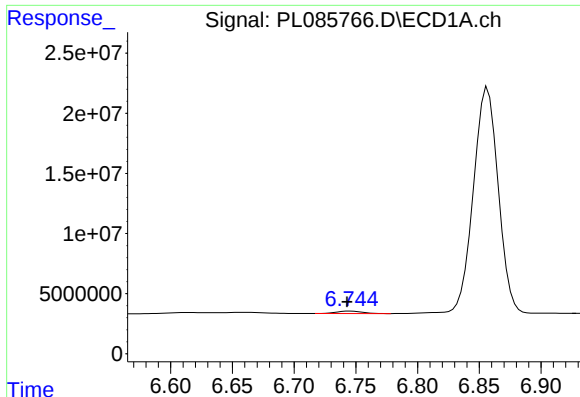
#17 4,4'-DDT

R.T.: 6.857 min
Delta R.T.: 0.003 min
Response: 262723831
Conc: 111.46 ng/ml



#17 4,4'-DDT

R.T.: 5.890 min
Delta R.T.: 0.002 min
Response: 93908873
Conc: 118.76 ng/ml



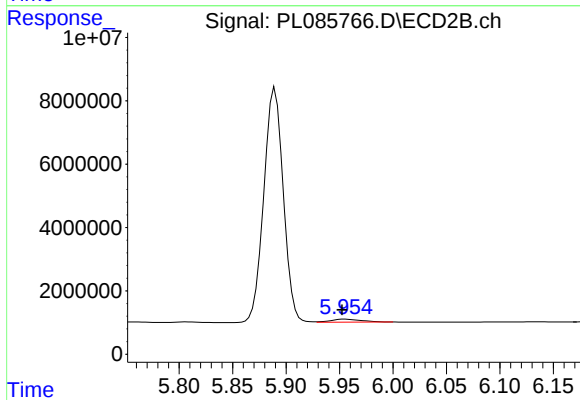
#18 Endrin aldehyde

R.T.: 6.746 min
Delta R.T.: 0.003 min
Response: 2927658
Conc: 1.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

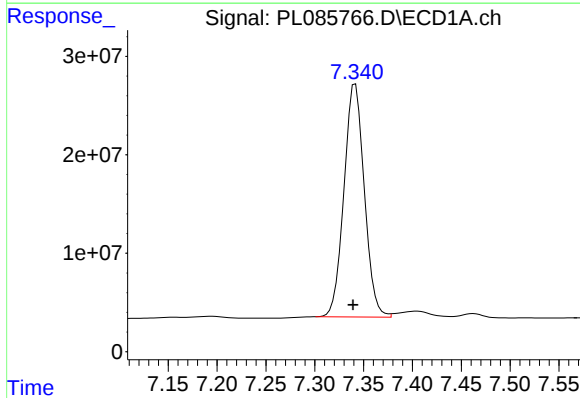
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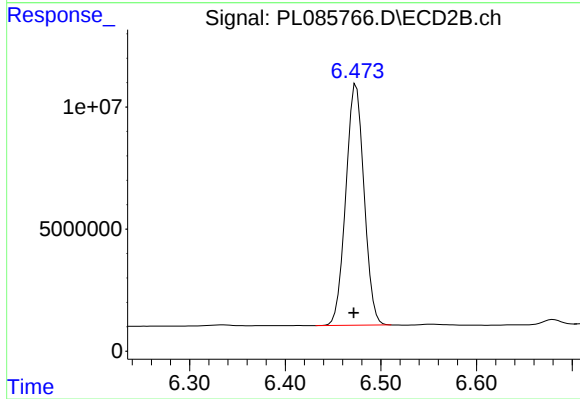
#18 Endrin aldehyde

R.T.: 5.955 min
Delta R.T.: 0.003 min
Response: 1872936
Conc: 2.51 ng/ml



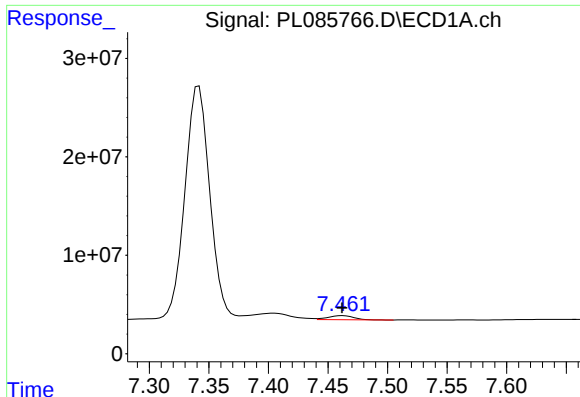
#20 Methoxychlor

R.T.: 7.342 min
Delta R.T.: 0.002 min
Response: 343554220
Conc: 245.99 ng/ml



#20 Methoxychlor

R.T.: 6.474 min
Delta R.T.: 0.003 min
Response: 131390075
Conc: 249.75 ng/ml



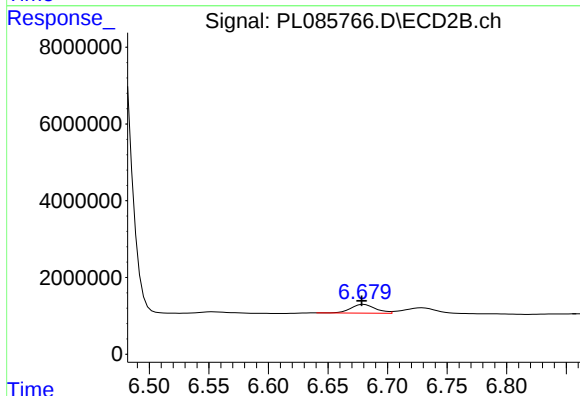
#21 Endrin ketone

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 6270804
Conc: 2.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

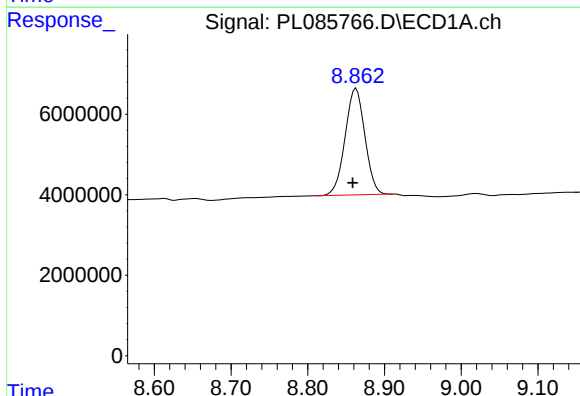
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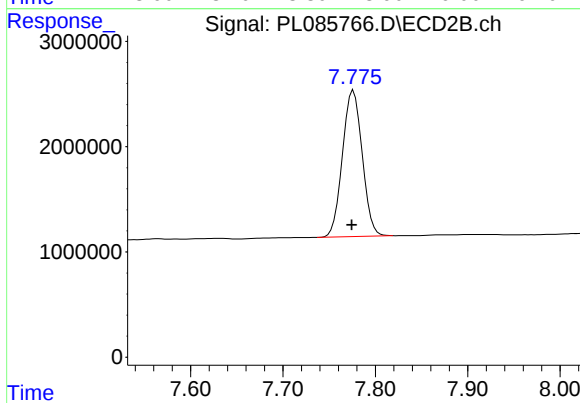
#21 Endrin ketone

R.T.: 6.680 min
Delta R.T.: 0.002 min
Response: 3318714
Conc: 2.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.863 min
Delta R.T.: 0.004 min
Response: 47681230
Conc: 21.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.776 min
Delta R.T.: 0.002 min
Response: 20666825
Conc: 22.39 ng/ml