

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
 Data File : PL086494.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2023 21:06
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/07/2023
 Supervised By : Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 07 04:34:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110123.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 02 05:32:51 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...	3.352	2.618	54258660	17076662	17.097	17.938
28)	SA Decachlor...	8.853	7.768	48620064	22141064	18.383	19.303
Target Compounds							
2)	A alpha-BHC	3.806	3.116	38494087	10570303	8.155	8.145
3)	MA gamma-BHC...	4.138	3.442	37386390	10247208	8.205	7.801m
6)	B beta-BHC	4.341	3.744	18103166	5583837	9.178	9.729m
12)	B 4,4'-DDE	6.017	5.076	719628	110768	0.227	0.112m#
14)	MA Endrin	6.384	5.467	131.0E6	46214063	39.255	41.939
16)	A 4,4'-DDD	6.533	5.631	4809215	927752	2.028	1.139 #
17)	MA 4,4'-DDT	6.850	5.882	260.5E6	99031771	99.845	105.046
18)	B Endrin al...	6.737	5.948	5297036	3112833	2.176	3.691 #
20)	A Methoxychlor	7.335	6.467	342.2E6	139.6E6	246.733	238.960
21)	B Endrin ke...	7.456	6.671	6857105	3496962	2.149	2.804m#

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

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ALS Vial : 3 Sample Multiplier: 1

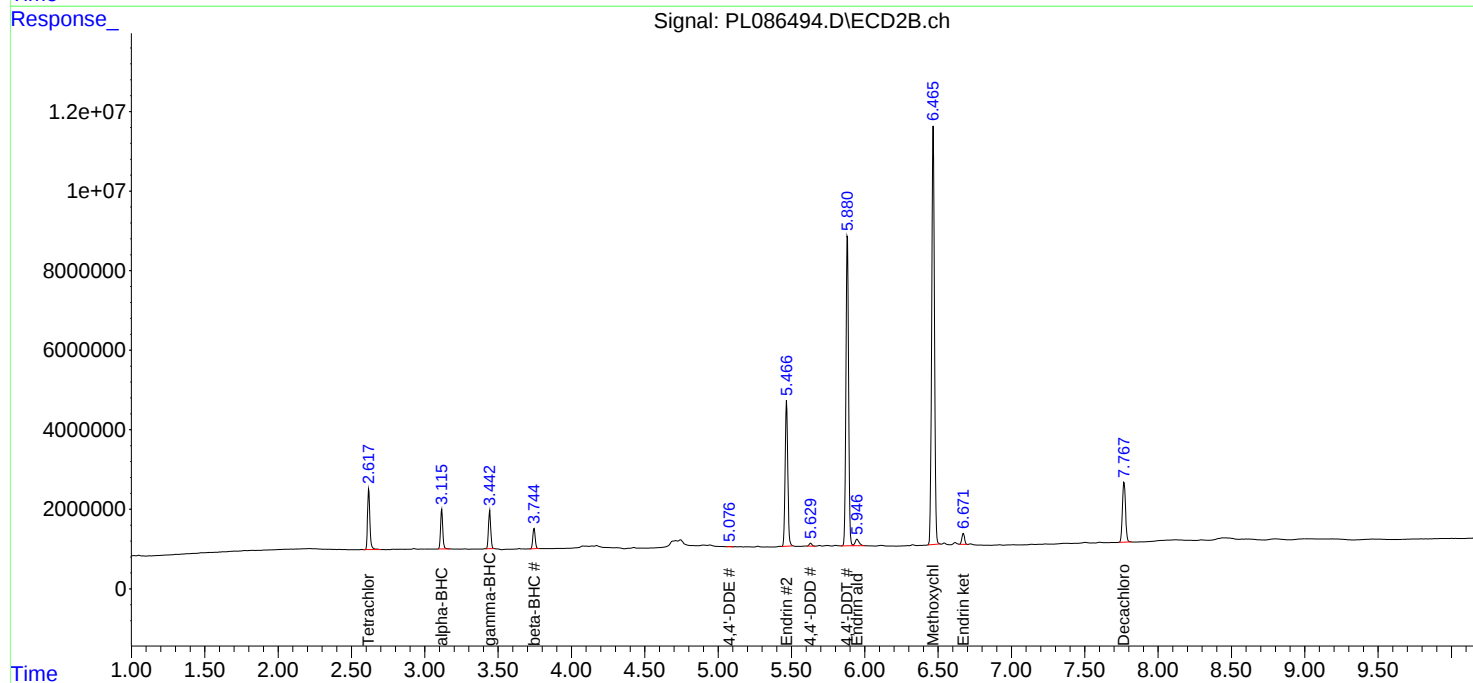
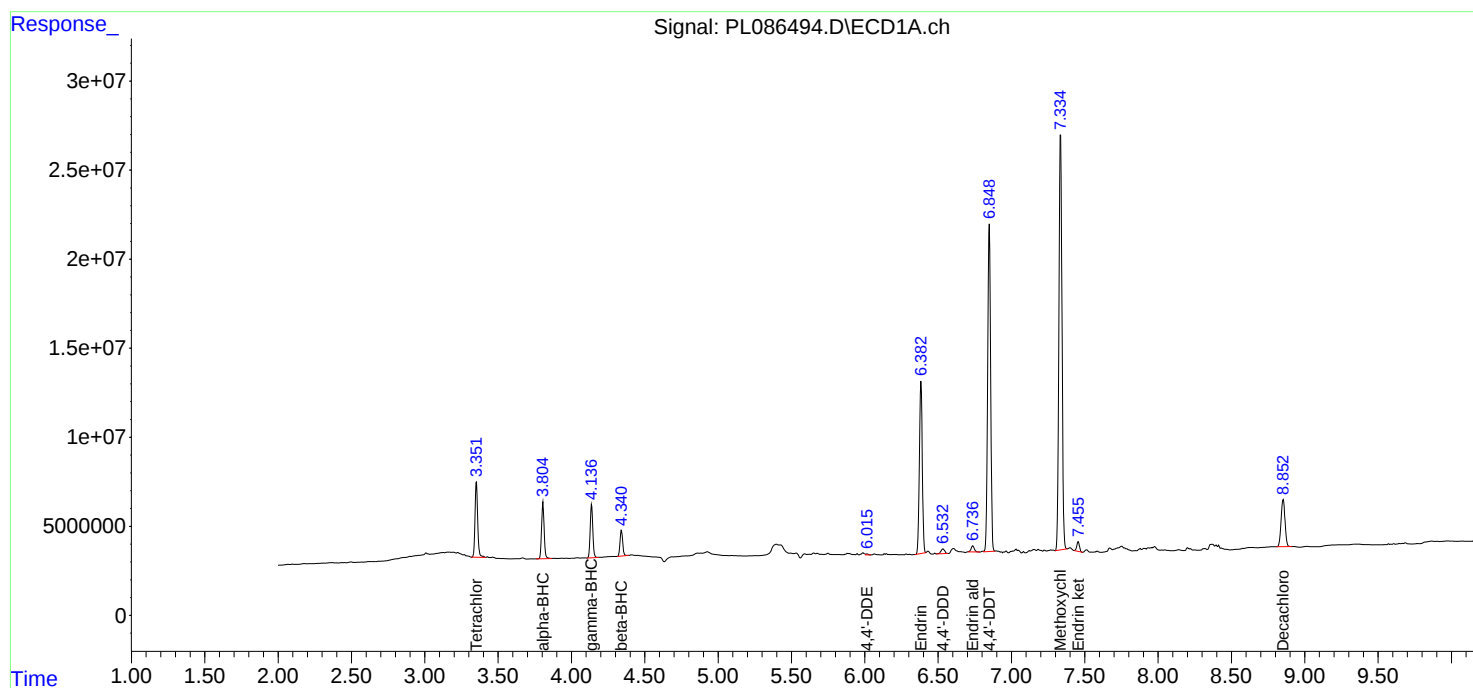
Instrument :
ECD_L
ClientSampleId :
PEM

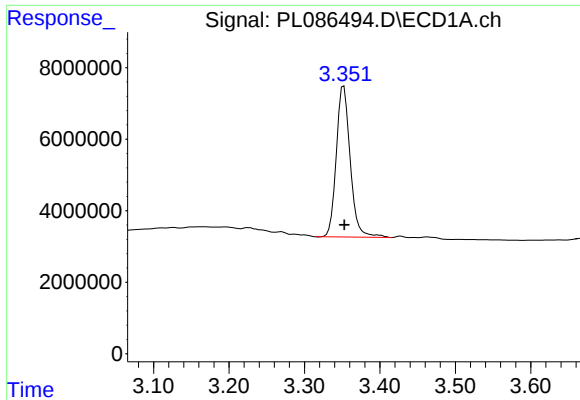
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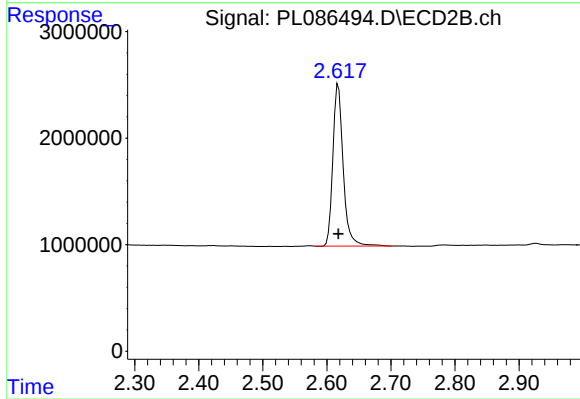
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 54258660
Conc: 17.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

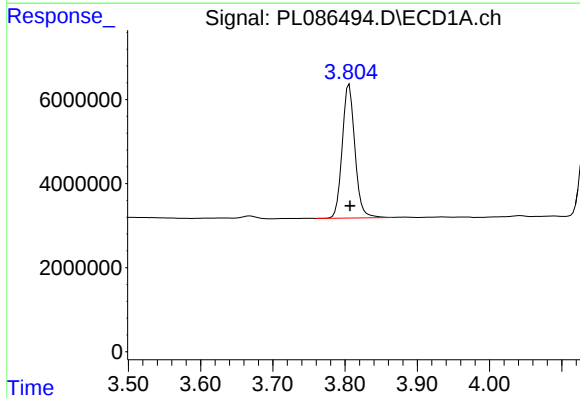
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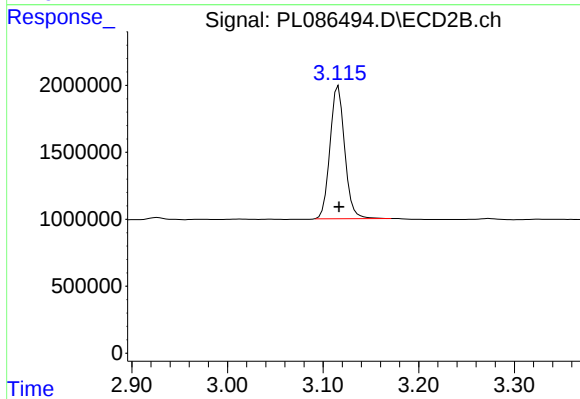
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: 0.000 min
Response: 17076662
Conc: 17.94 ng/ml



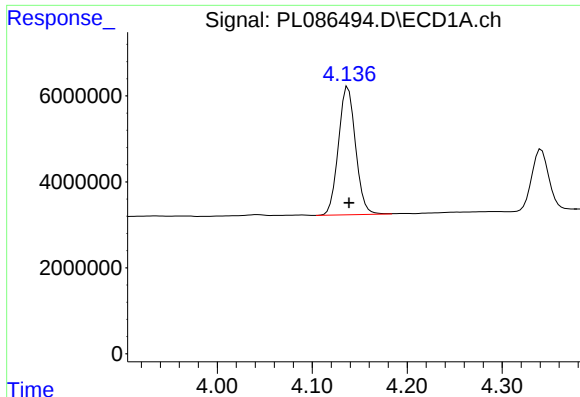
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 38494087
Conc: 8.16 ng/ml



#2 alpha-BHC

R.T.: 3.116 min
Delta R.T.: 0.000 min
Response: 10570303
Conc: 8.15 ng/ml



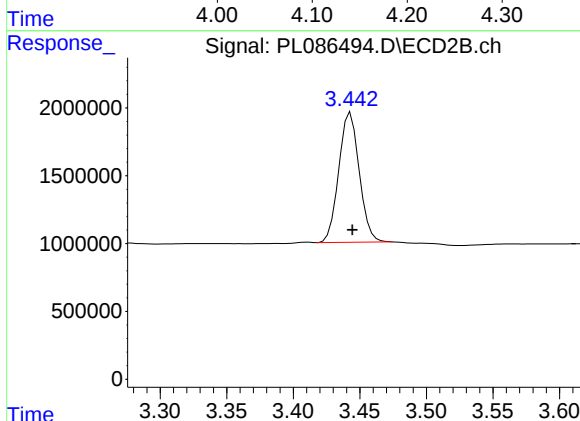
#3 gamma-BHC (Lindane)

R.T.: 4.138 min
Delta R.T.: -0.001 min
Response: 37386390
Conc: 8.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

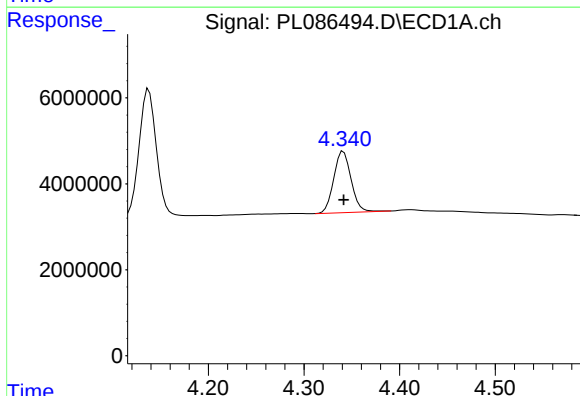
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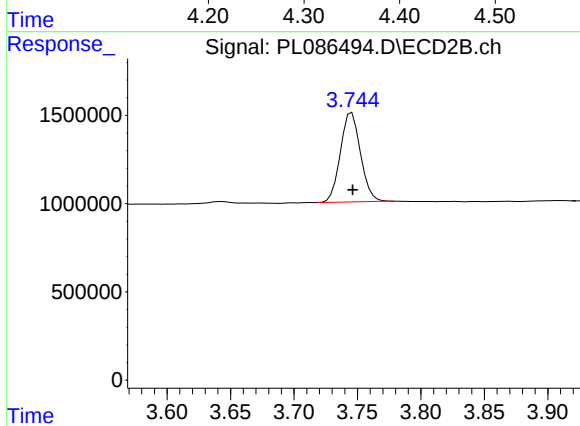
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.003 min
Response: 10247208
Conc: 7.80 ng/ml m



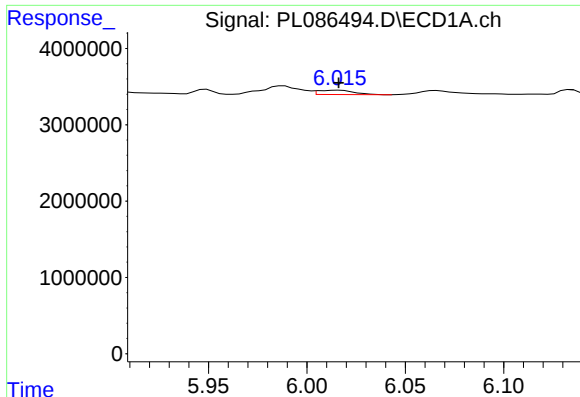
#6 beta-BHC

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 18103166
Conc: 9.18 ng/ml



#6 beta-BHC

R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 5583837
Conc: 9.73 ng/ml m



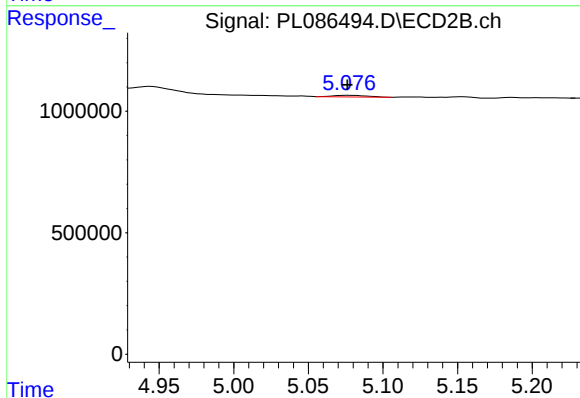
#12 4,4'-DDE

R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 719628
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

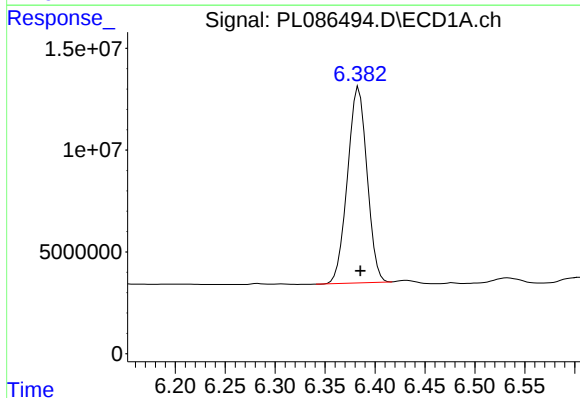
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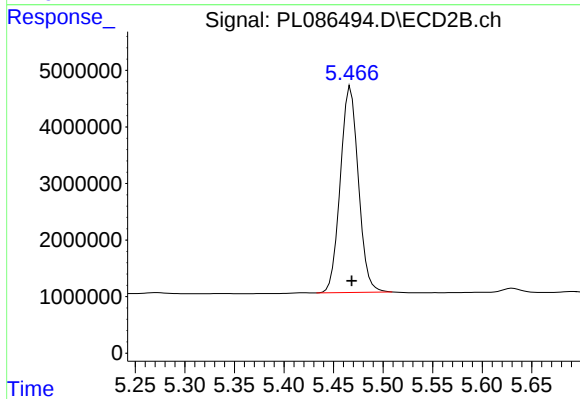
#12 4,4'-DDE

R.T.: 5.076 min
Delta R.T.: 0.000 min
Response: 110768
Conc: 0.11 ng/ml m



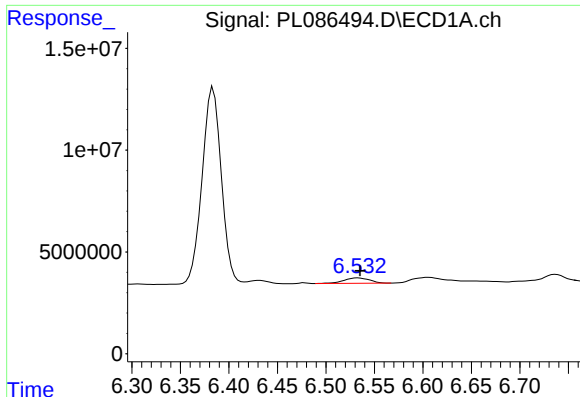
#14 Endrin

R.T.: 6.384 min
Delta R.T.: -0.002 min
Response: 131043440
Conc: 39.26 ng/ml



#14 Endrin

R.T.: 5.467 min
Delta R.T.: -0.001 min
Response: 46214063
Conc: 41.94 ng/ml



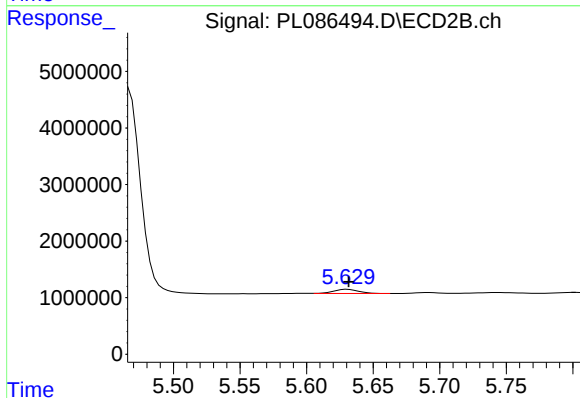
#16 4,4'-DDD

R.T.: 6.533 min
Delta R.T.: -0.002 min
Response: 4809215
Conc: 2.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

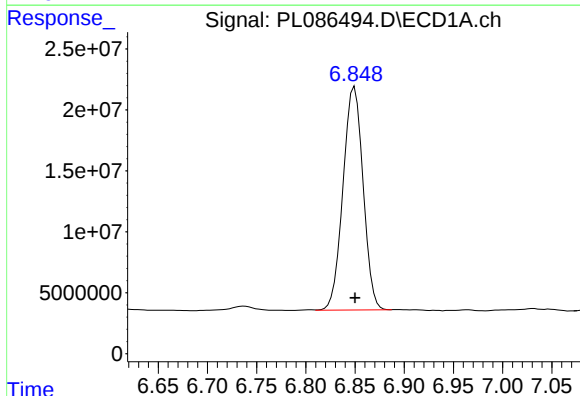
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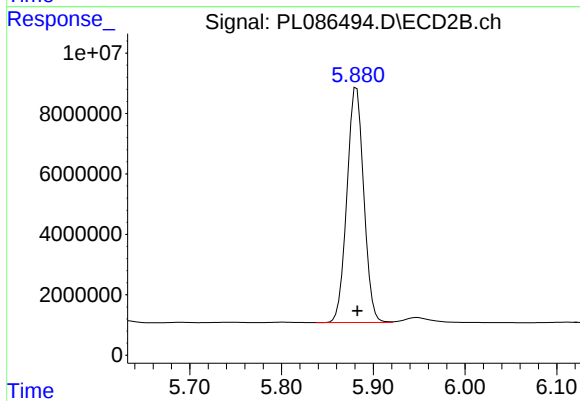
#16 4,4'-DDD

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 927752
Conc: 1.14 ng/ml



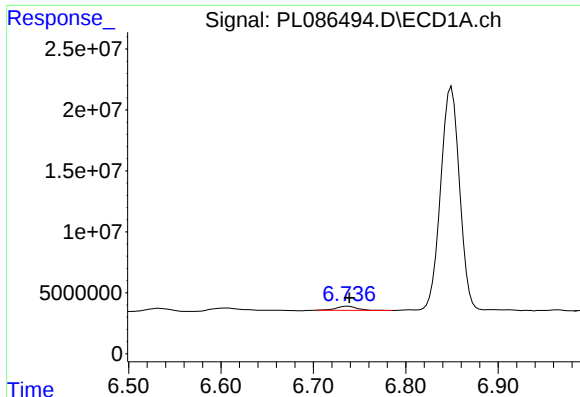
#17 4,4'-DDT

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 260488321
Conc: 99.85 ng/ml



#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: -0.001 min
Response: 99031771
Conc: 105.05 ng/ml



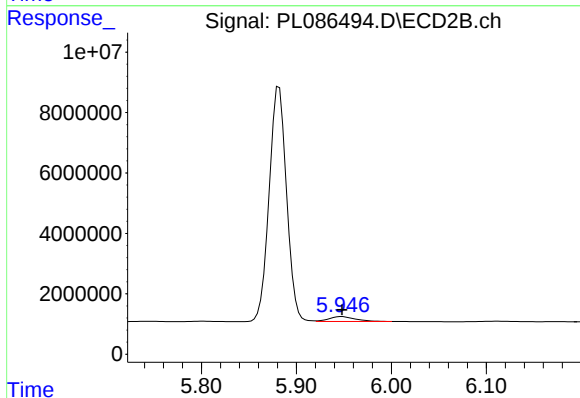
#18 Endrin aldehyde

R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 5297036
Conc: 2.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

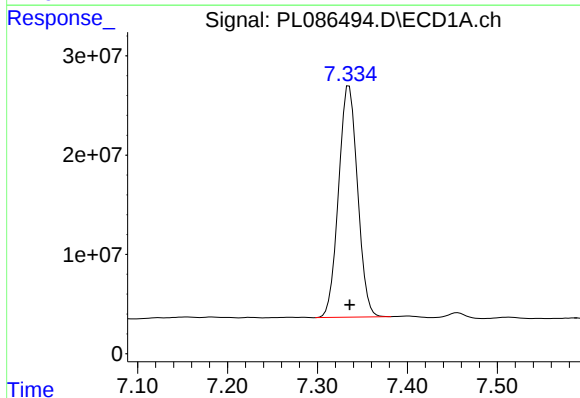
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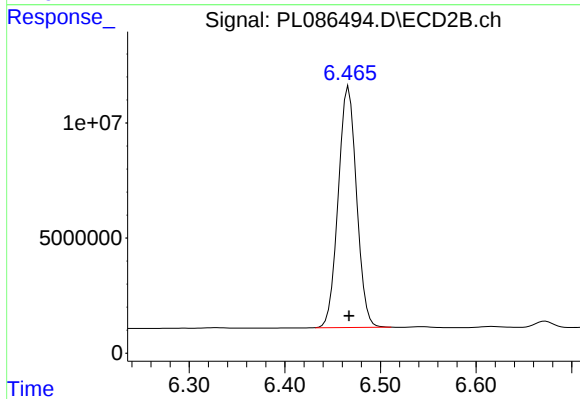
#18 Endrin aldehyde

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 3112833
Conc: 3.69 ng/ml



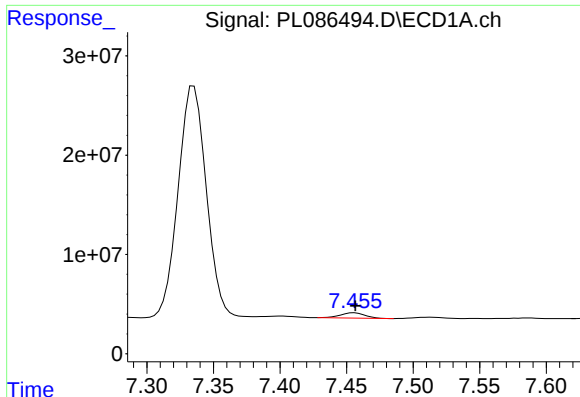
#20 Methoxychlor

R.T.: 7.335 min
Delta R.T.: 0.000 min
Response: 342220075
Conc: 246.73 ng/ml



#20 Methoxychlor

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 139632628
Conc: 238.96 ng/ml



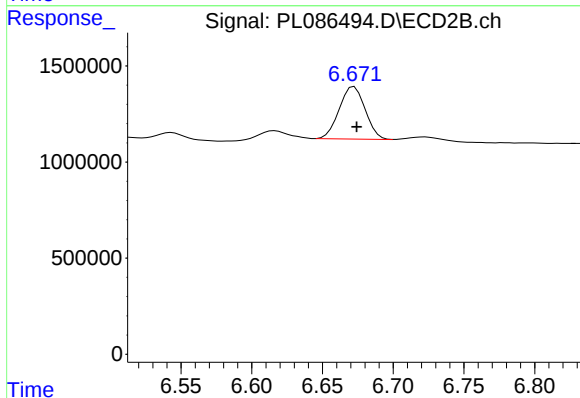
#21 Endrin ketone

R.T.: 7.456 min
Delta R.T.: 0.000 min
Response: 6857105
Conc: 2.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

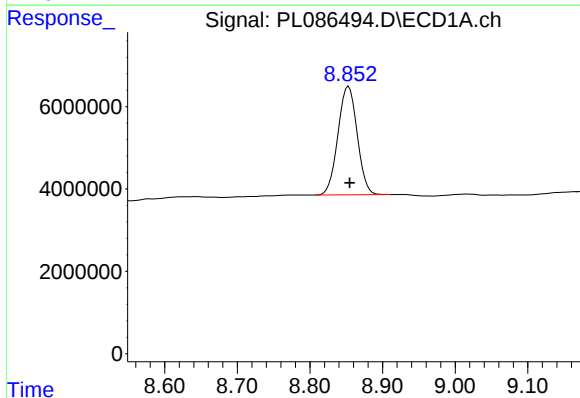
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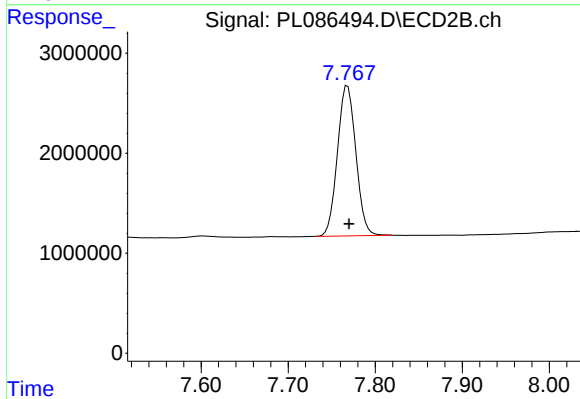
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 3496962
Conc: 2.80 ng/ml m



#28 Decachlorobiphenyl

R.T.: 8.853 min
Delta R.T.: -0.002 min
Response: 48620064
Conc: 18.38 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.768 min
Delta R.T.: -0.002 min
Response: 22141064
Conc: 19.30 ng/ml