

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112923\
 Data File : PL086852.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Nov 2023 02:12
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :Ankita Jodhani 11/29/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 29 05:58:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 05:56:00 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...	3.343	2.611	58327543	16599909	18.244	18.252
28)	SA Decachlor...	8.843	7.761	51893149	22016668	19.438	19.968
Target Compounds							
2)	A alpha-BHC	3.797	3.108	40678480	10746278	8.786	8.462
3)	MA gamma-BHC...	4.129	3.435	38395803	10361552	8.777	8.480
6)	B beta-BHC	4.333	3.738	18837375	5568147	10.070	10.524
12)	B 4,4'-DDE	6.008	5.066	1163558	162110	0.385	0.177m#
14)	MA Endrin	6.375	5.459	114.8E6	38821943	44.538	46.063
16)	A 4,4'-DDD	6.525	5.623	3453449	1114448	1.475m	1.443m
17)	MA 4,4'-DDT	6.841	5.874	244.2E6	85957046	95.152	106.585
18)	B Endrin al...	6.729	5.939	6788087	2283939	3.182m	3.269m
20)	A Methoxychlor	7.328	6.459	325.4E6	125.9E6	246.391	244.560
21)	B Endrin ke...	7.447	6.666	10367913	4380996	3.468m	3.838

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

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Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

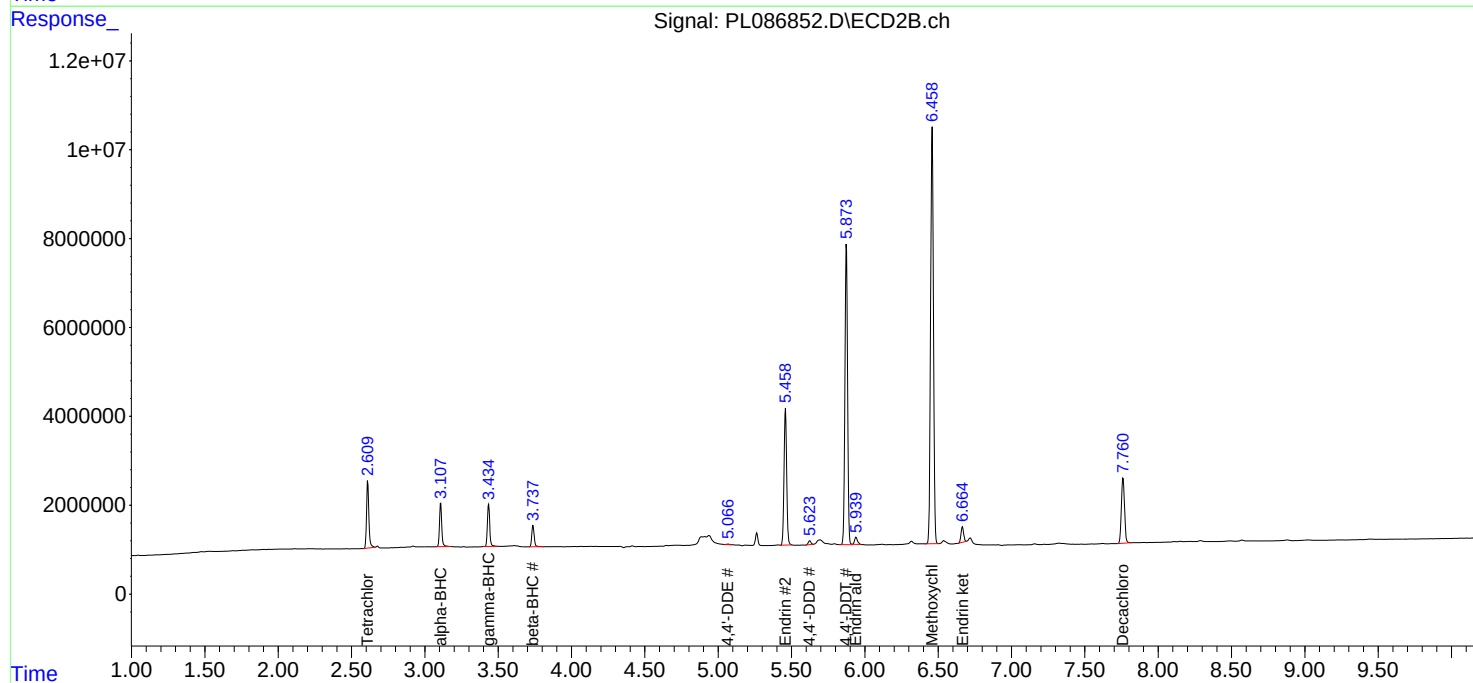
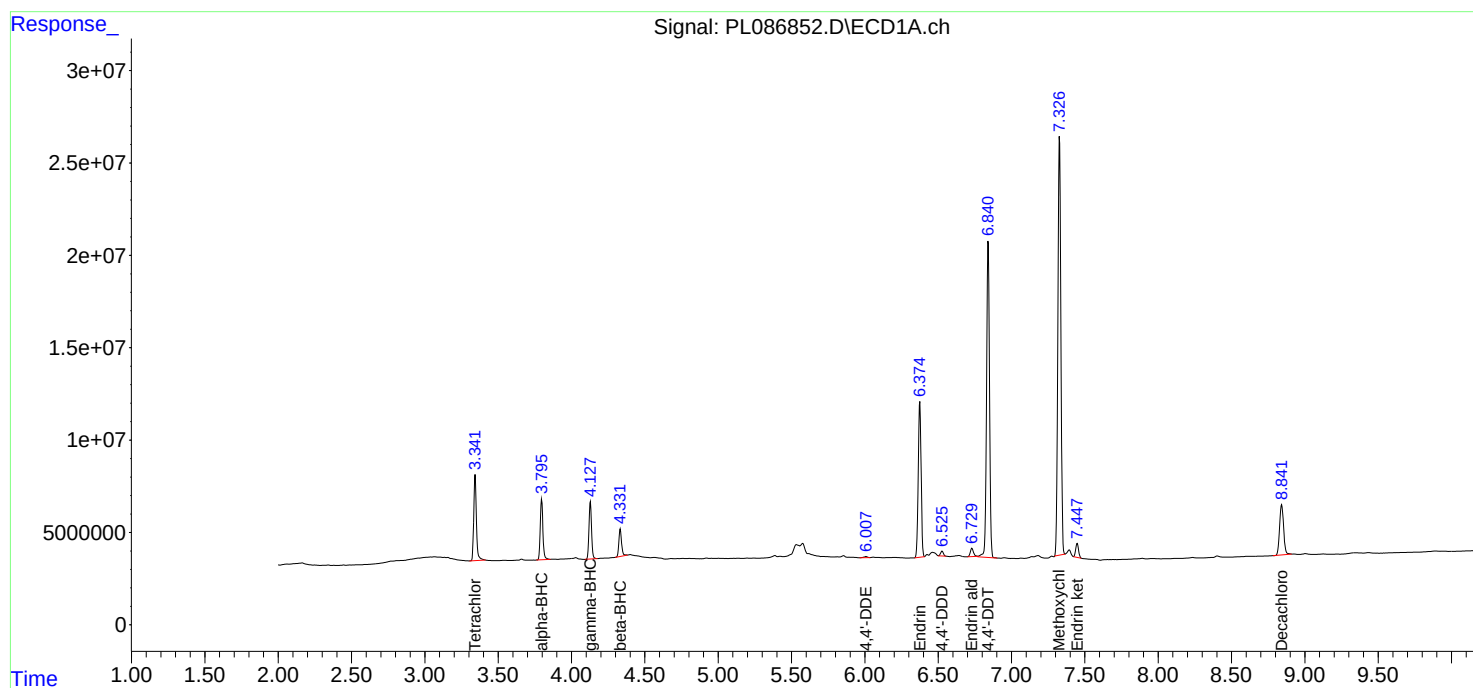
Instrument :
ECD_L
ClientSampleId :
PEM

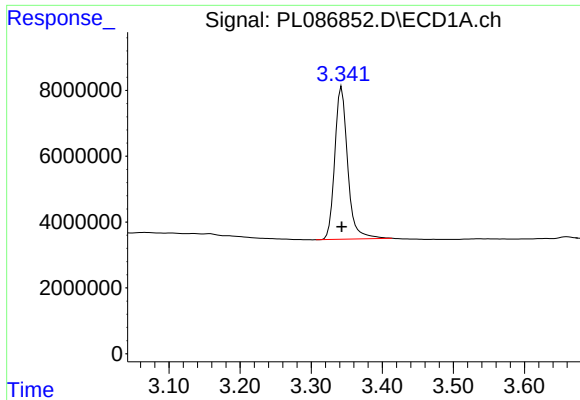
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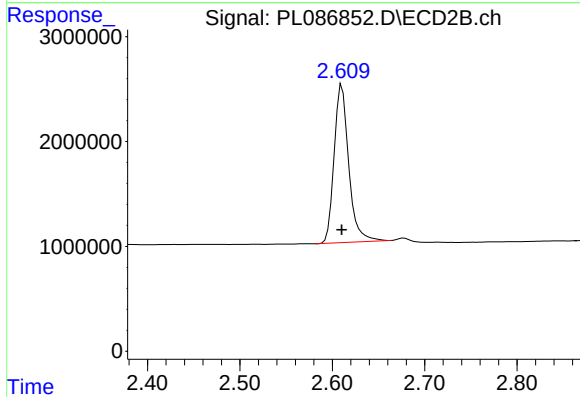
#1 Tetrachloro-m-xylene

R.T.: 3.343 min
Delta R.T.: 0.000 min
Response: 58327543
Conc: 18.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

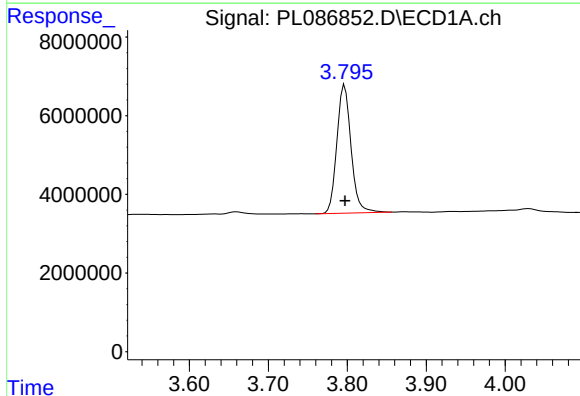
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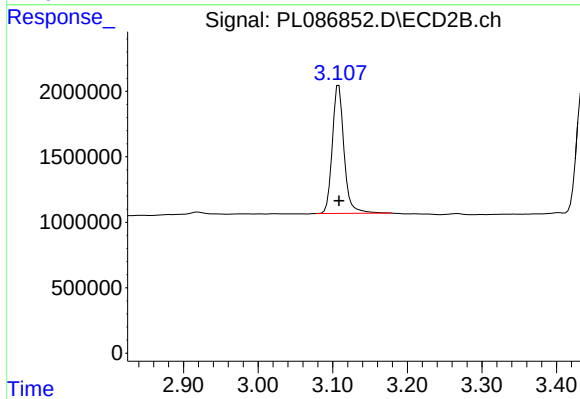
#1 Tetrachloro-m-xylene

R.T.: 2.611 min
Delta R.T.: 0.000 min
Response: 16599909
Conc: 18.25 ng/ml



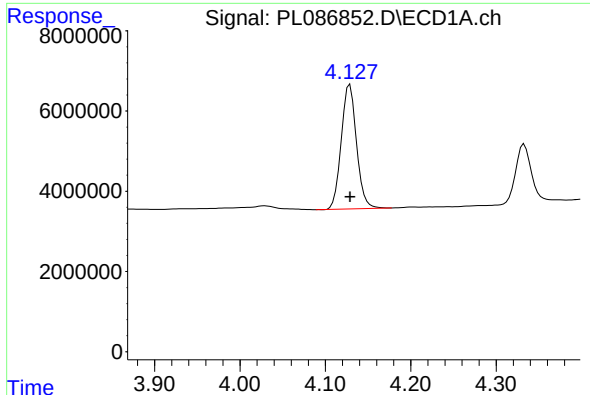
#2 alpha-BHC

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 40678480
Conc: 8.79 ng/ml



#2 alpha-BHC

R.T.: 3.108 min
Delta R.T.: 0.000 min
Response: 10746278
Conc: 8.46 ng/ml



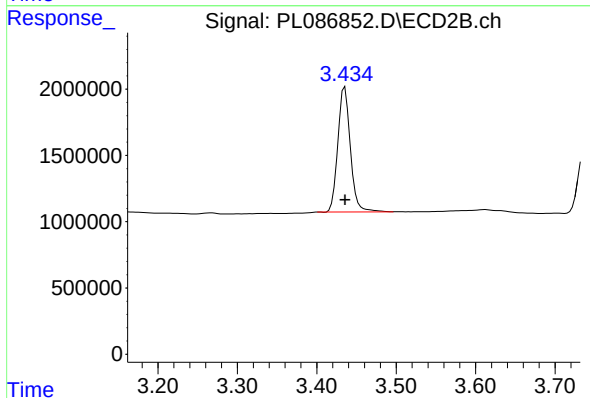
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 38395803
Conc: 8.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

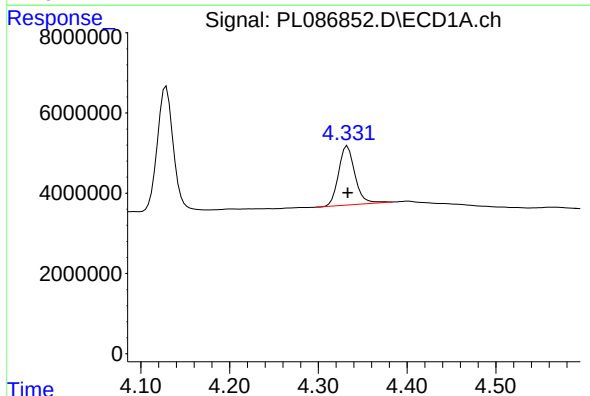
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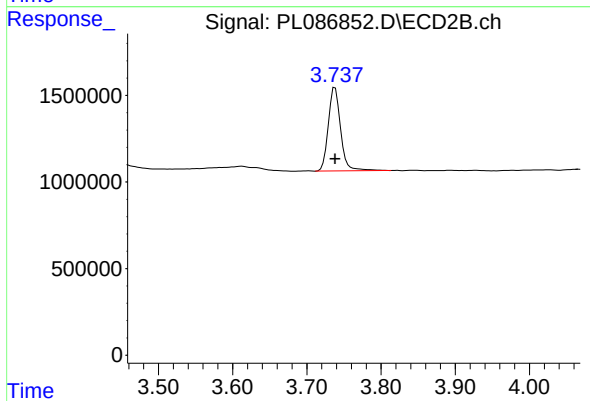
#3 gamma-BHC (Lindane)

R.T.: 3.435 min
Delta R.T.: 0.000 min
Response: 10361552
Conc: 8.48 ng/ml



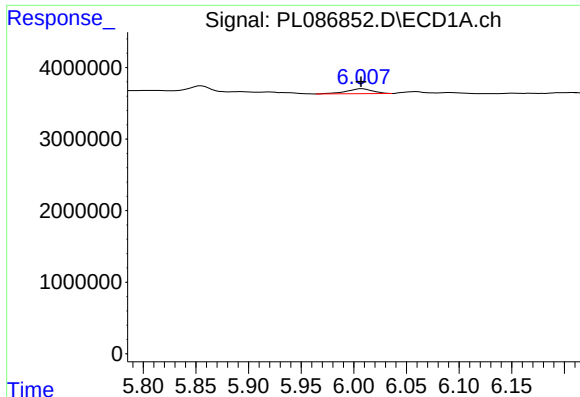
#6 beta-BHC

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 18837375
Conc: 10.07 ng/ml



#6 beta-BHC

R.T.: 3.738 min
Delta R.T.: 0.000 min
Response: 5568147
Conc: 10.52 ng/ml



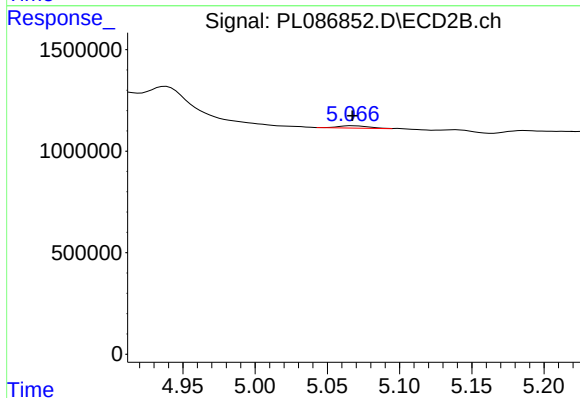
#12 4,4'-DDE

R.T.: 6.008 min
Delta R.T.: 0.000 min
Response: 1163558
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

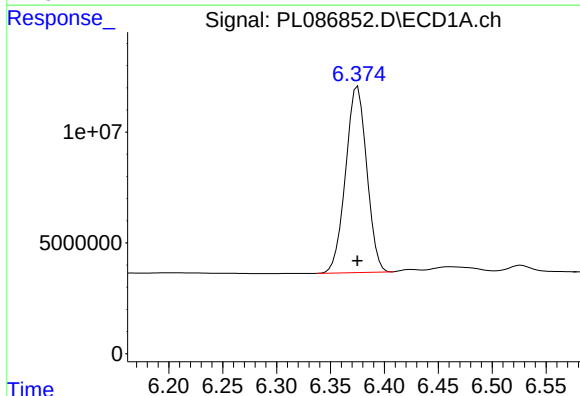
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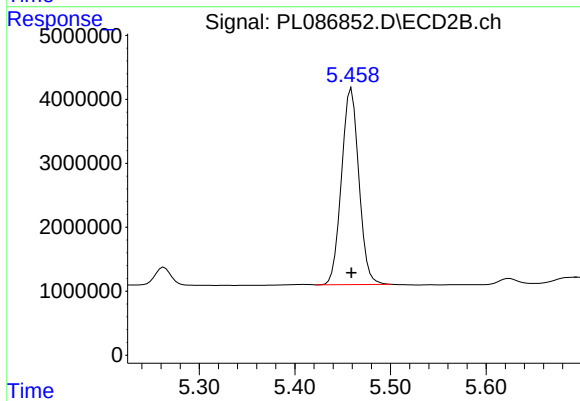
#12 4,4'-DDE

R.T.: 5.066 min
Delta R.T.: -0.002 min
Response: 162110
Conc: 0.18 ng/ml m



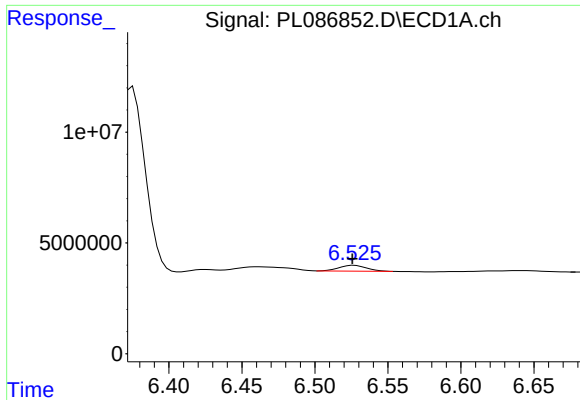
#14 Endrin

R.T.: 6.375 min
Delta R.T.: 0.000 min
Response: 114803806
Conc: 44.54 ng/ml



#14 Endrin

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 38821943
Conc: 46.06 ng/ml



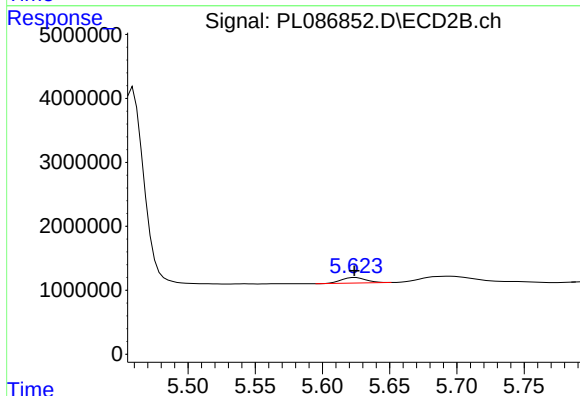
#16 4,4'-DDD

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 3453449
Conc: 1.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

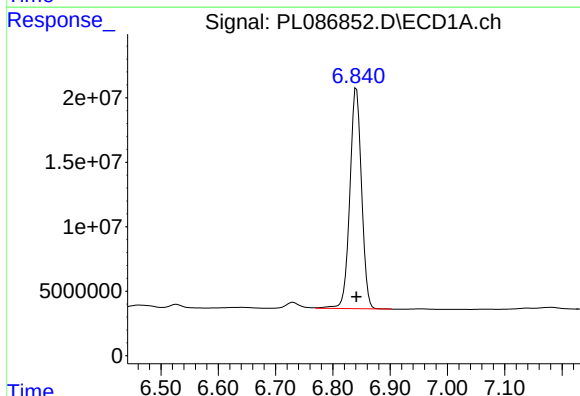
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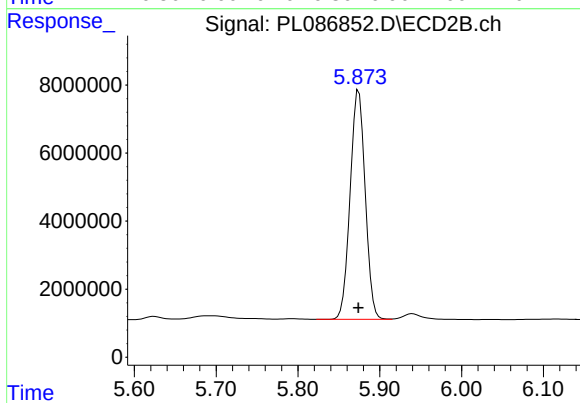
#16 4,4'-DDD

R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 1114448
Conc: 1.44 ng/ml m



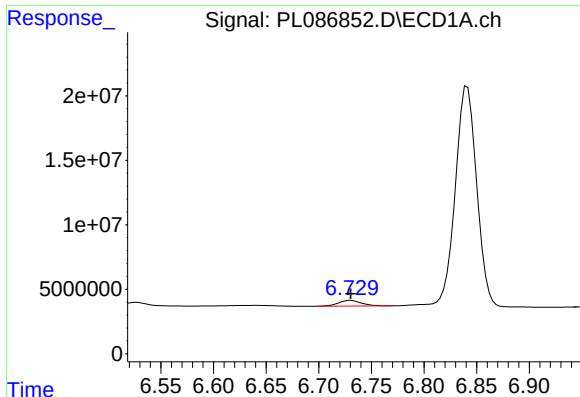
#17 4,4'-DDT

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 244223048
Conc: 95.15 ng/ml



#17 4,4'-DDT

R.T.: 5.874 min
Delta R.T.: 0.000 min
Response: 85957046
Conc: 106.58 ng/ml



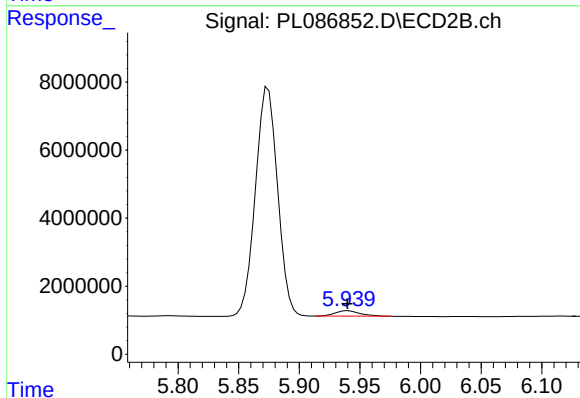
#18 Endrin aldehyde

R.T.: 6.729 min
Delta R.T.: -0.001 min
Response: 6788087
Conc: 3.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

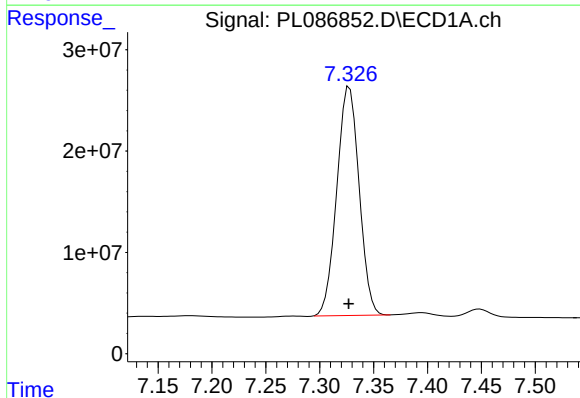
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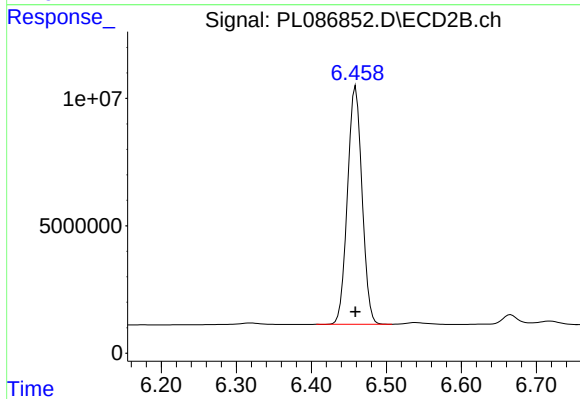
#18 Endrin aldehyde

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 2283939
Conc: 3.27 ng/ml m



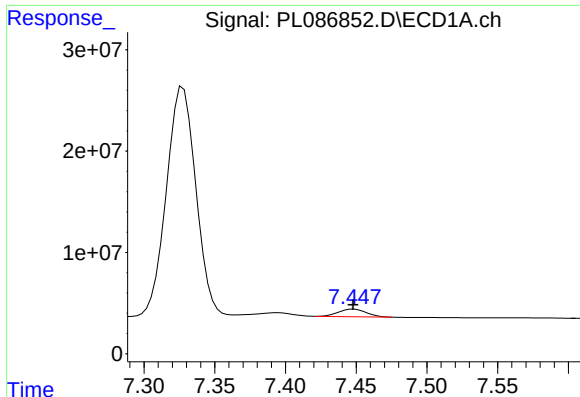
#20 Methoxychlor

R.T.: 7.328 min
Delta R.T.: 0.000 min
Response: 325354088
Conc: 246.39 ng/ml



#20 Methoxychlor

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 125880038
Conc: 244.56 ng/ml



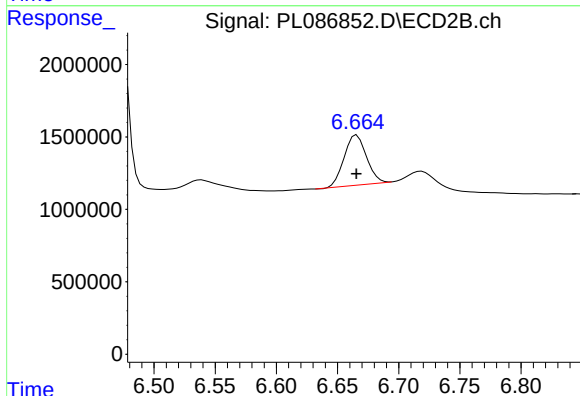
#21 Endrin ketone

R.T.: 7.447 min
Delta R.T.: 0.000 min
Response: 10367913
Conc: 3.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

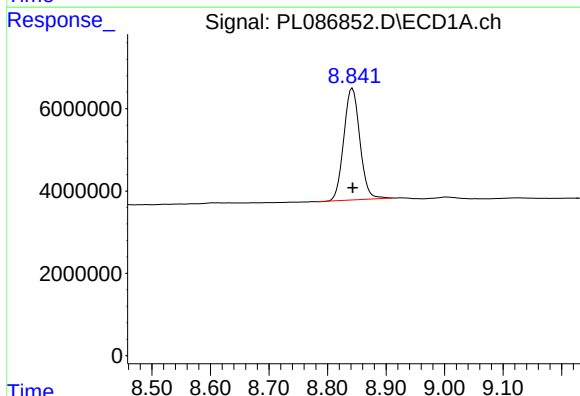
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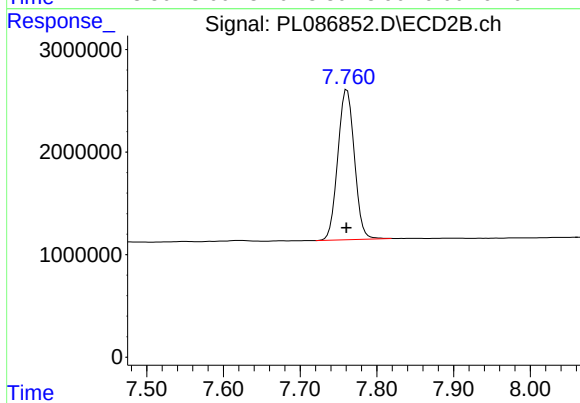
#21 Endrin ketone

R.T.: 6.666 min
Delta R.T.: 0.000 min
Response: 4380996
Conc: 3.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.843 min
Delta R.T.: 0.000 min
Response: 51893149
Conc: 19.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 22016668
Conc: 19.97 ng/ml