

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110623\
 Data File : PL086461.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Nov 2023 09:57
 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 06 12:50:29 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	50474557	15723489	15.905	16.516
28)	SA Decachlor...	8.853	7.769	45451170	20769437	17.185	18.107
Target Compounds							
2)	A alpha-BHC	3.806	3.116	35793237	9848550	7.583	7.589
3)	MA gamma-BHC...	4.138	3.443	34593437	9707156	7.592	7.390
6)	B beta-BHC	4.342	3.744	16517187	5356758	8.374	9.334m
12)	B 4,4'-DDE	6.011	5.078	1631282	129138	0.514m	0.131m#
14)	MA Endrin	6.384	5.468	128.3E6	42381714	38.443	38.461
16)	A 4,4'-DDD	6.537	5.632	286568	148201	0.121m	0.182m#
17)	MA 4,4'-DDT	6.849	5.882	234.3E6	90891522	89.810	96.412
18)	B Endrin al...	6.738	5.948	2868739	3227215	1.179	3.827 #
20)	A Methoxychlor	7.335	6.466	306.5E6	129.4E6	220.962	221.435
21)	B Endrin ke...	7.455	6.672	4039971	2025357	1.266m	1.624 #

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

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Acq On : 06 Nov 2023 09:57
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

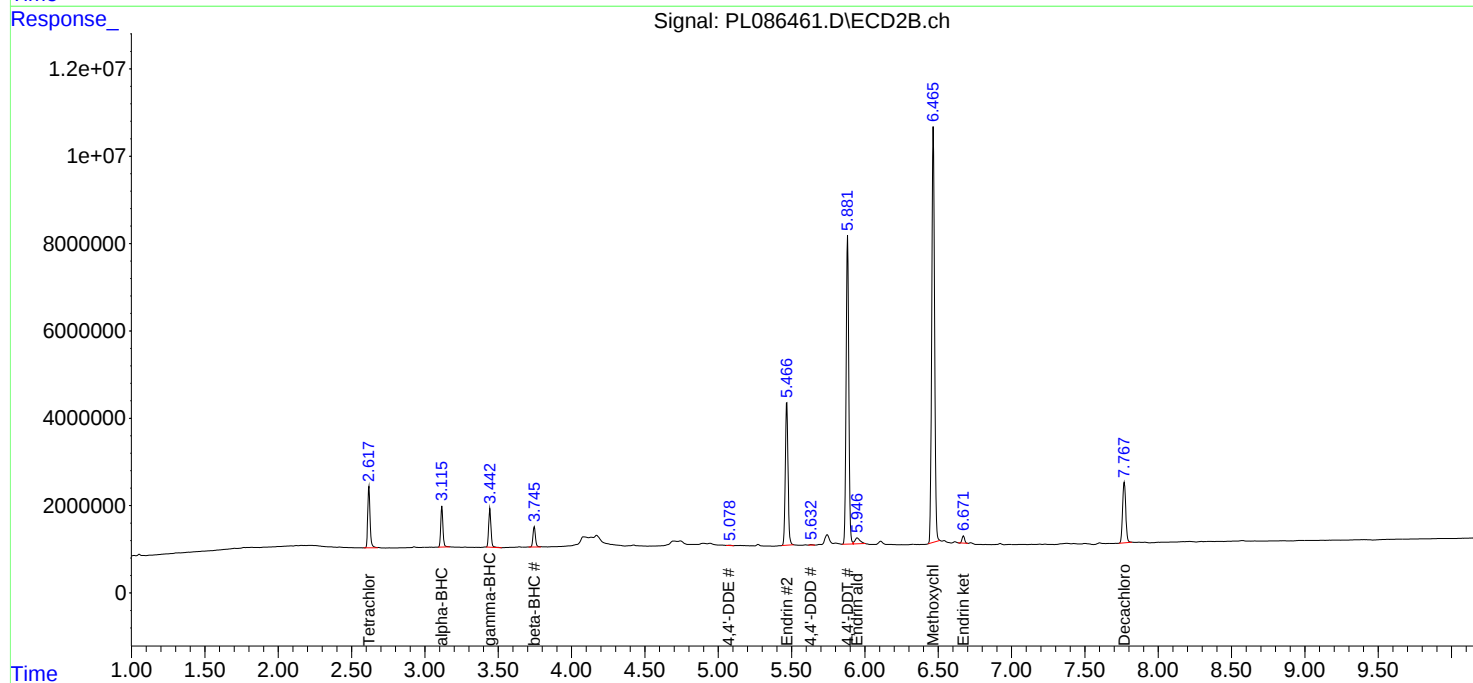
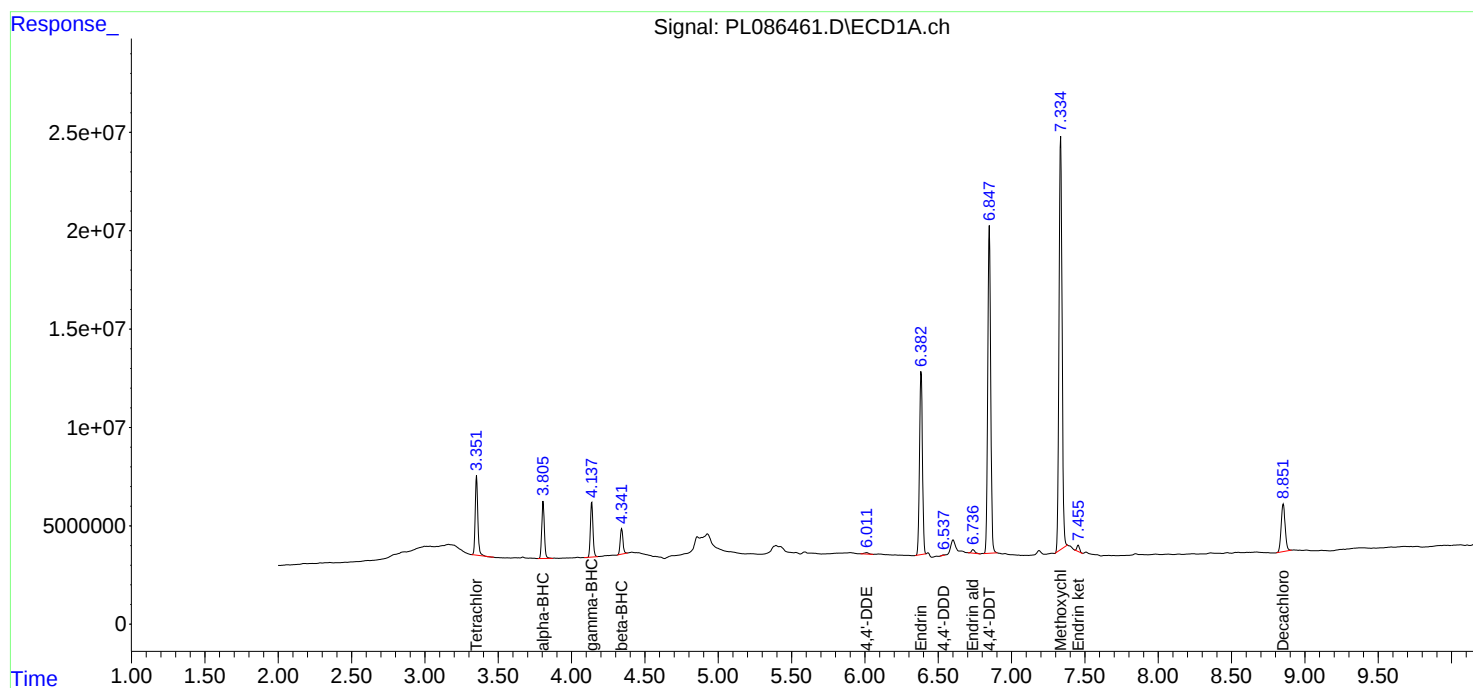
Instrument :
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ClientSampleId :
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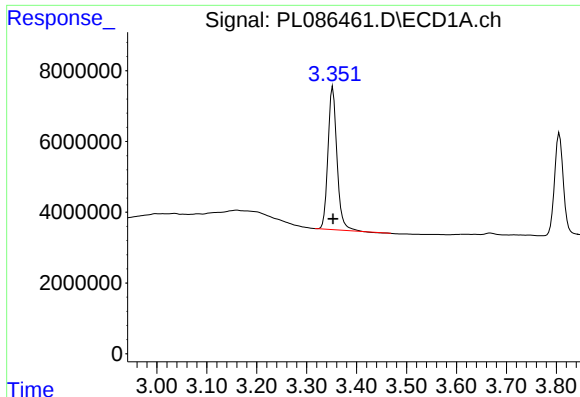
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Integration File signal 1: autoint1.e
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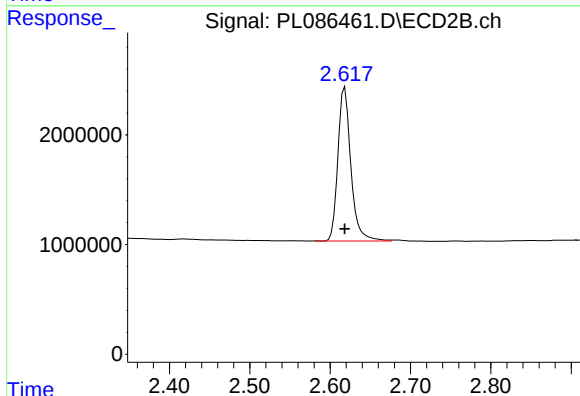
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 50474557
Conc: 15.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

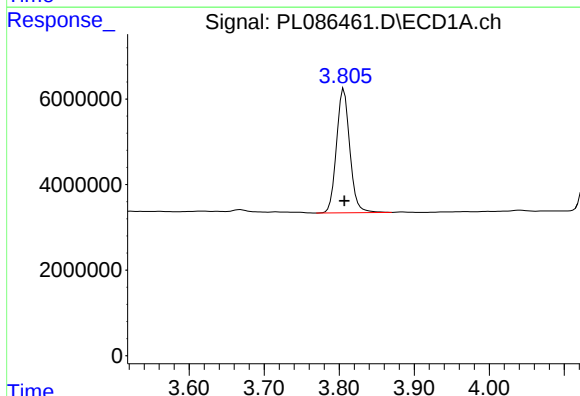
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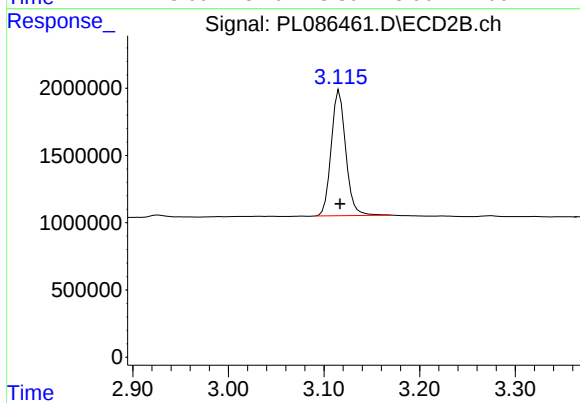
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: 0.000 min
Response: 15723489
Conc: 16.52 ng/ml



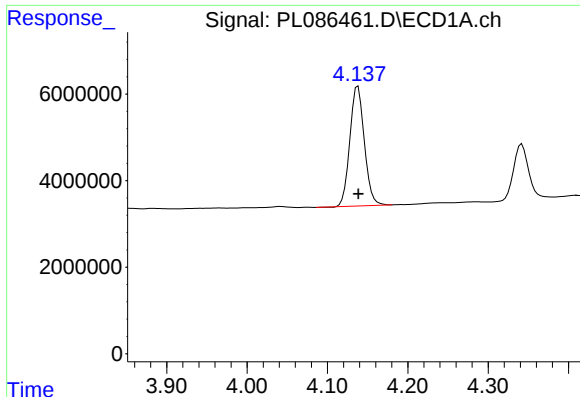
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 35793237
Conc: 7.58 ng/ml



#2 alpha-BHC

R.T.: 3.116 min
Delta R.T.: 0.000 min
Response: 9848550
Conc: 7.59 ng/ml



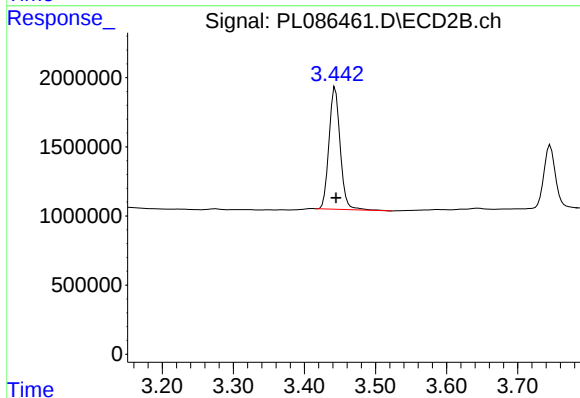
#3 gamma-BHC (Lindane)

R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 34593437
Conc: 7.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

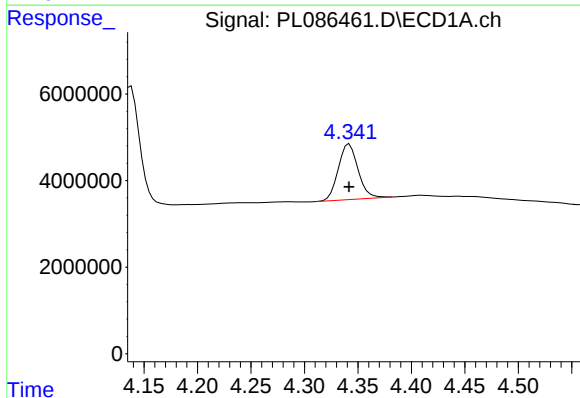
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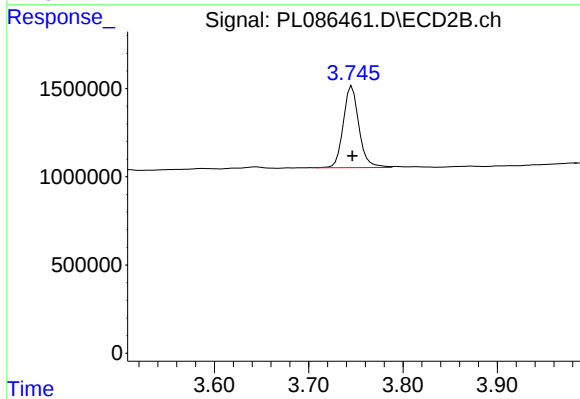
#3 gamma-BHC (Lindane)

R.T.: 3.443 min
Delta R.T.: 0.000 min
Response: 9707156
Conc: 7.39 ng/ml



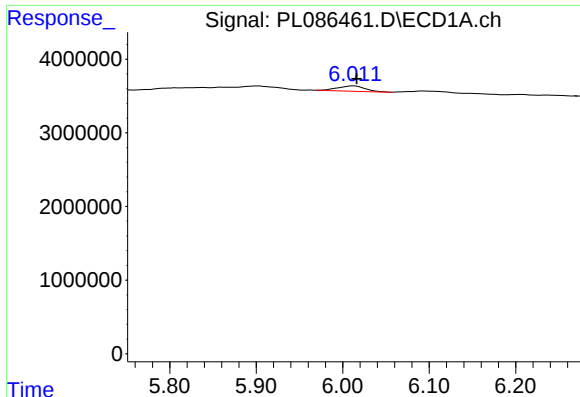
#6 beta-BHC

R.T.: 4.342 min
Delta R.T.: 0.000 min
Response: 16517187
Conc: 8.37 ng/ml



#6 beta-BHC

R.T.: 3.744 min
Delta R.T.: -0.002 min
Response: 5356758
Conc: 9.33 ng/ml m



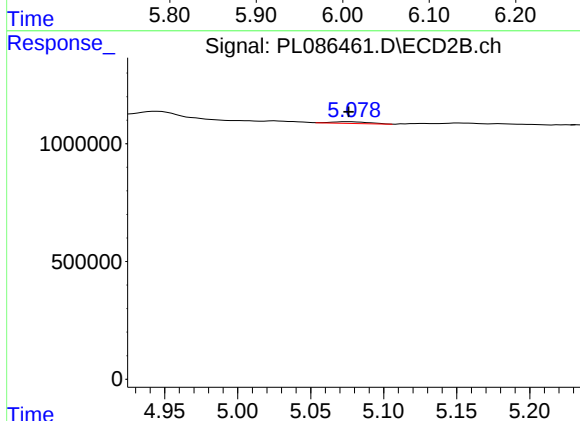
#12 4,4'-DDE

R.T.: 6.011 min
Delta R.T.: -0.005 min
Response: 1631282
Conc: 0.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

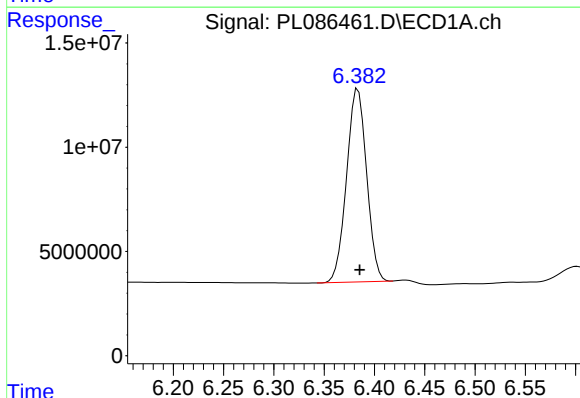
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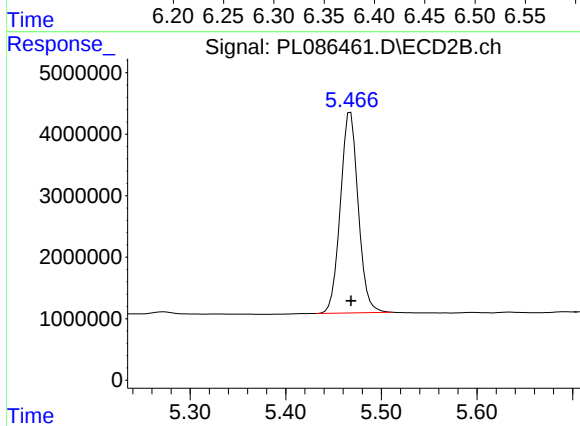
#12 4,4'-DDE

R.T.: 5.078 min
Delta R.T.: 0.002 min
Response: 129138
Conc: 0.13 ng/ml m



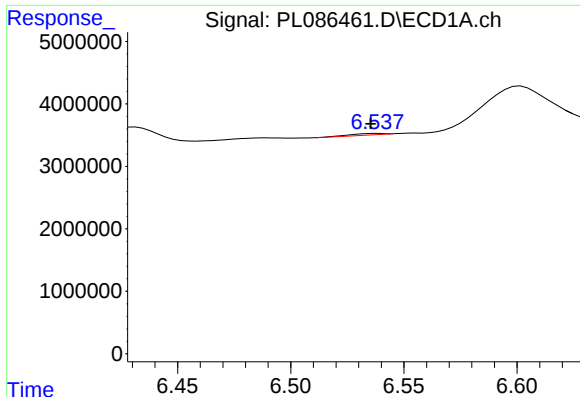
#14 Endrin

R.T.: 6.384 min
Delta R.T.: -0.002 min
Response: 128331375
Conc: 38.44 ng/ml



#14 Endrin

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 42381714
Conc: 38.46 ng/ml



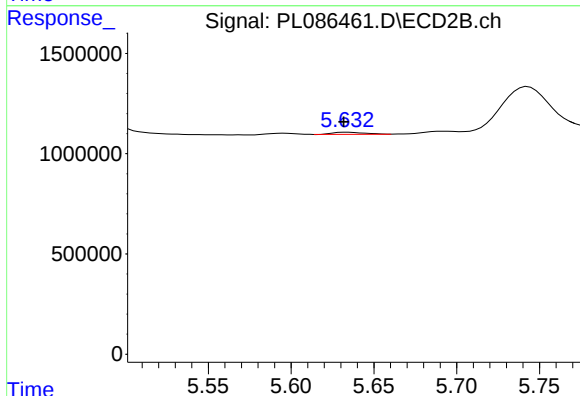
#16 4,4'-DDD

R.T.: 6.537 min
Delta R.T.: 0.002 min
Response: 286568
Conc: 0.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

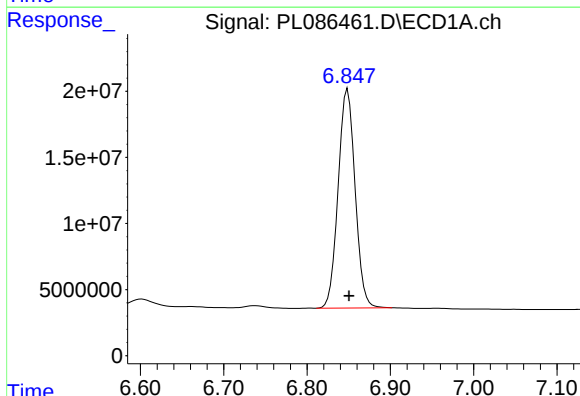
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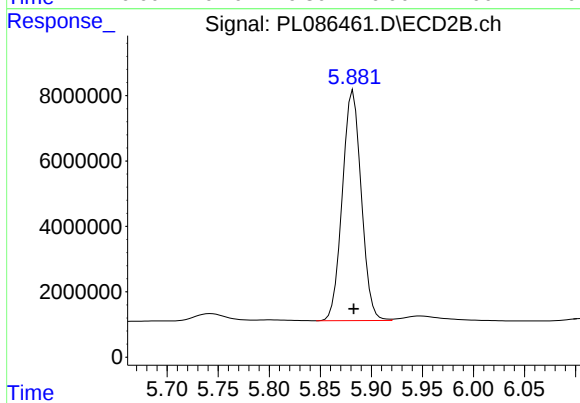
#16 4,4'-DDD

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 148201
Conc: 0.18 ng/ml m



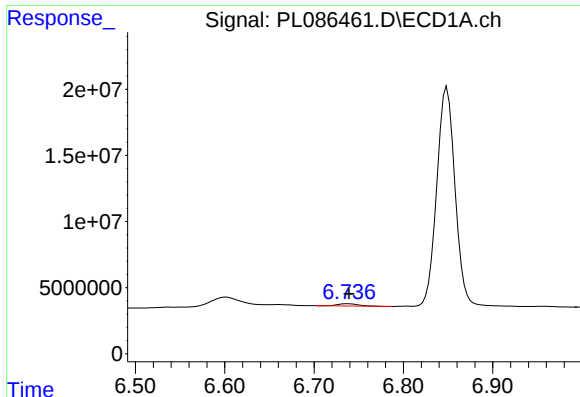
#17 4,4'-DDT

R.T.: 6.849 min
Delta R.T.: -0.001 min
Response: 234308077
Conc: 89.81 ng/ml



#17 4,4'-DDT

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 90891522
Conc: 96.41 ng/ml



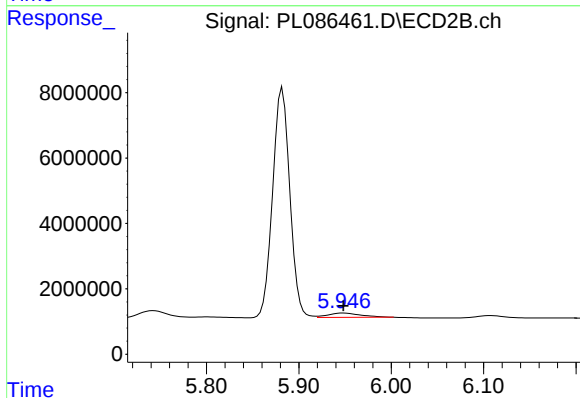
#18 Endrin aldehyde

R.T.: 6.738 min
Delta R.T.: -0.002 min
Response: 2868739
Conc: 1.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

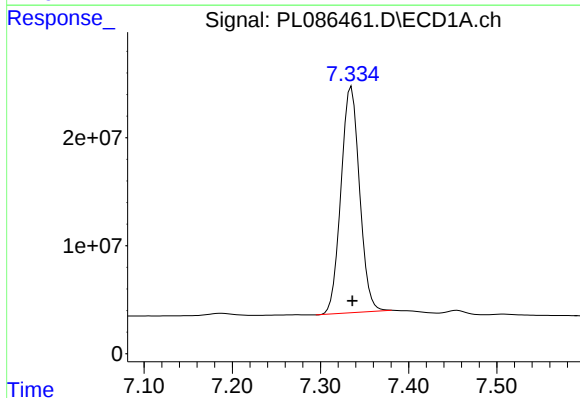
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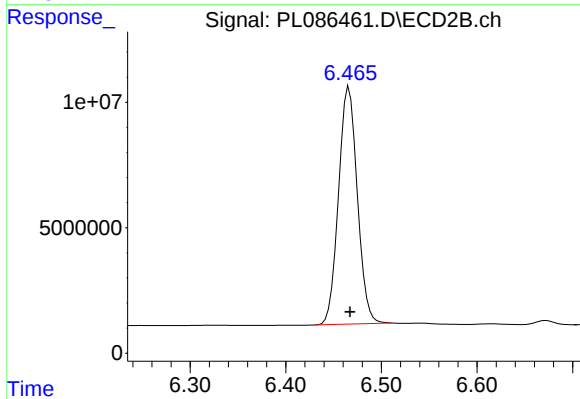
#18 Endrin aldehyde

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 3227215
Conc: 3.83 ng/ml



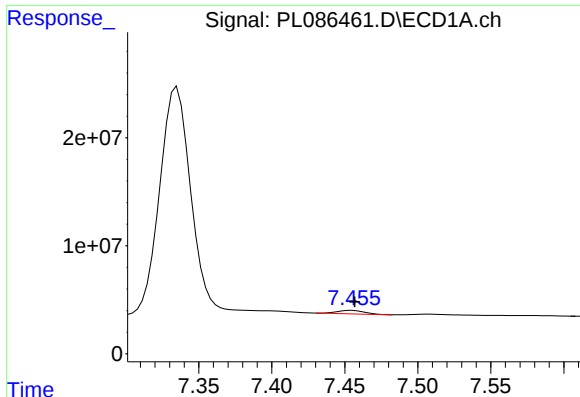
#20 Methoxychlor

R.T.: 7.335 min
Delta R.T.: 0.000 min
Response: 306475346
Conc: 220.96 ng/ml



#20 Methoxychlor

R.T.: 6.466 min
Delta R.T.: -0.001 min
Response: 129392303
Conc: 221.44 ng/ml



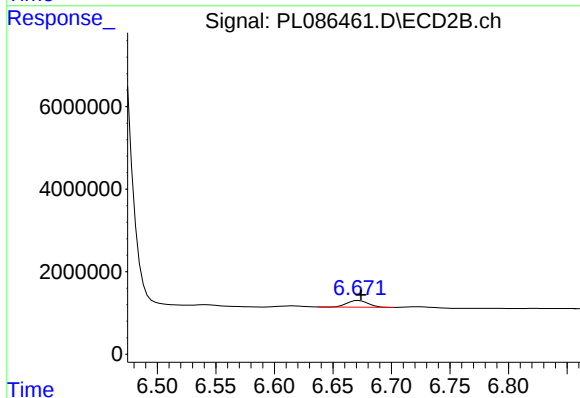
#21 Endrin ketone

R.T.: 7.455 min
Delta R.T.: -0.002 min
Response: 4039971
Conc: 1.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

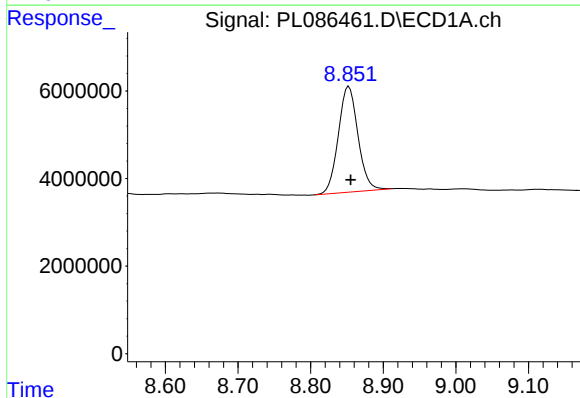
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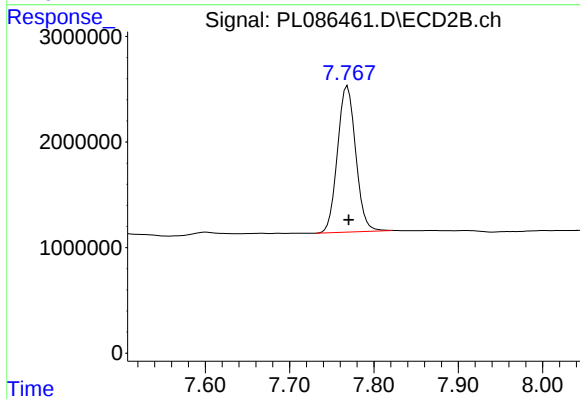
#21 Endrin ketone

R.T.: 6.672 min
Delta R.T.: -0.002 min
Response: 2025357
Conc: 1.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.853 min
Delta R.T.: -0.002 min
Response: 45451170
Conc: 17.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.769 min
Delta R.T.: -0.001 min
Response: 20769437
Conc: 18.11 ng/ml