

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112023\
 Data File : PL086744.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2023 09:38
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2023
 Supervised By :Ankita Jodhani 11/21/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 15:47:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 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	2.617	63055927	18845599	19.420	19.140
28)	SA Decachlor...	8.852	7.766	51517828	23014914	17.600	19.058
Target Compounds							
2)	A alpha-BHC	3.806	3.115	43802022	11506951	9.106	8.633
3)	MA gamma-BHC...	4.137	3.442	42994327	11291911	9.139	8.509
6)	B beta-BHC	4.341	3.745	20239955	6463989	10.007	10.845
12)	B 4,4'-DDE	6.012	5.075	976292	113342	0.281m	0.110 #
14)	MA Endrin	6.383	5.466	142.8E6	50831607	41.461	46.408
16)	A 4,4'-DDD	6.534	5.628	2570785	891518	0.965	1.046m
17)	MA 4,4'-DDT	6.848	5.880	278.8E6	104.6E6	94.063	106.989
18)	B Endrin al...	6.737	5.945	3641987	2939999	1.374	3.139 #
20)	A Methoxychlor	7.333	6.464	362.9E6	144.2E6	227.408m	241.023
21)	B Endrin ke...	7.455	6.670	5902049	3251368	1.732	2.538 #

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

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Acq On : 20 Nov 2023 09:38
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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

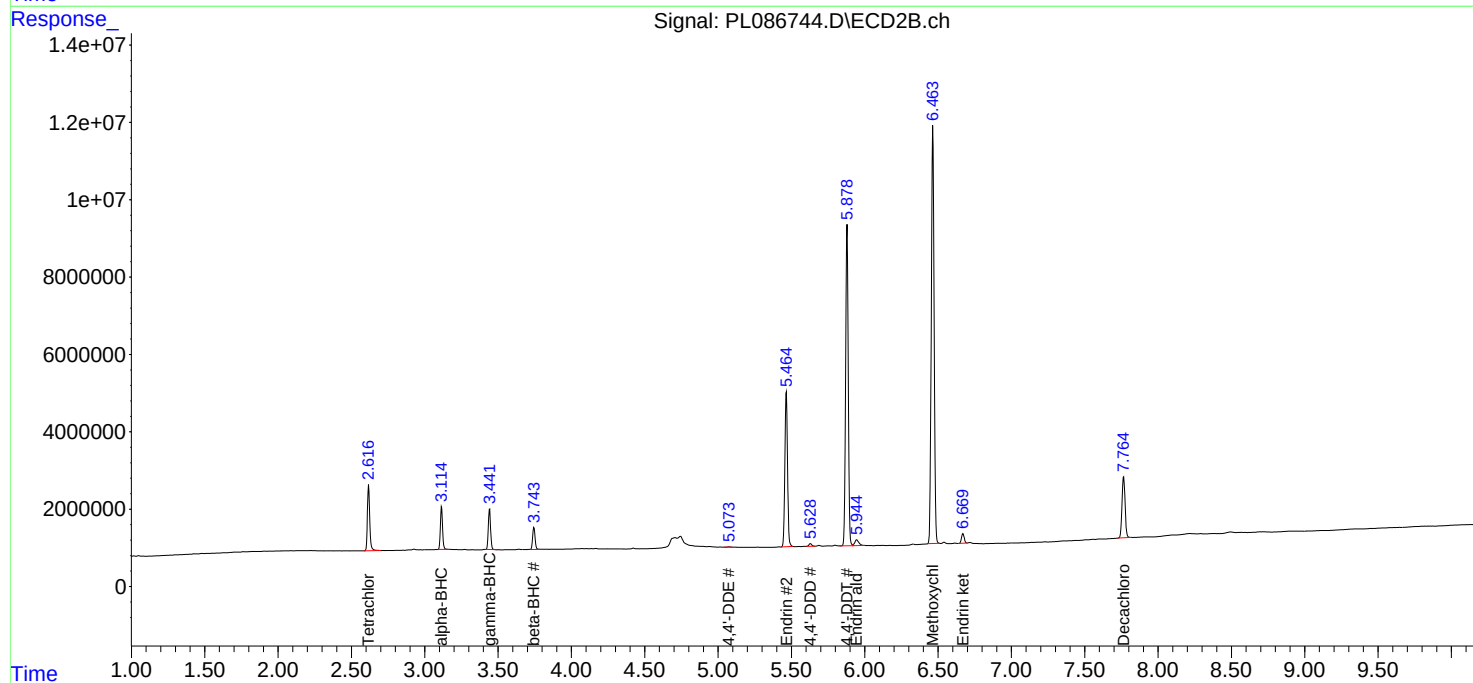
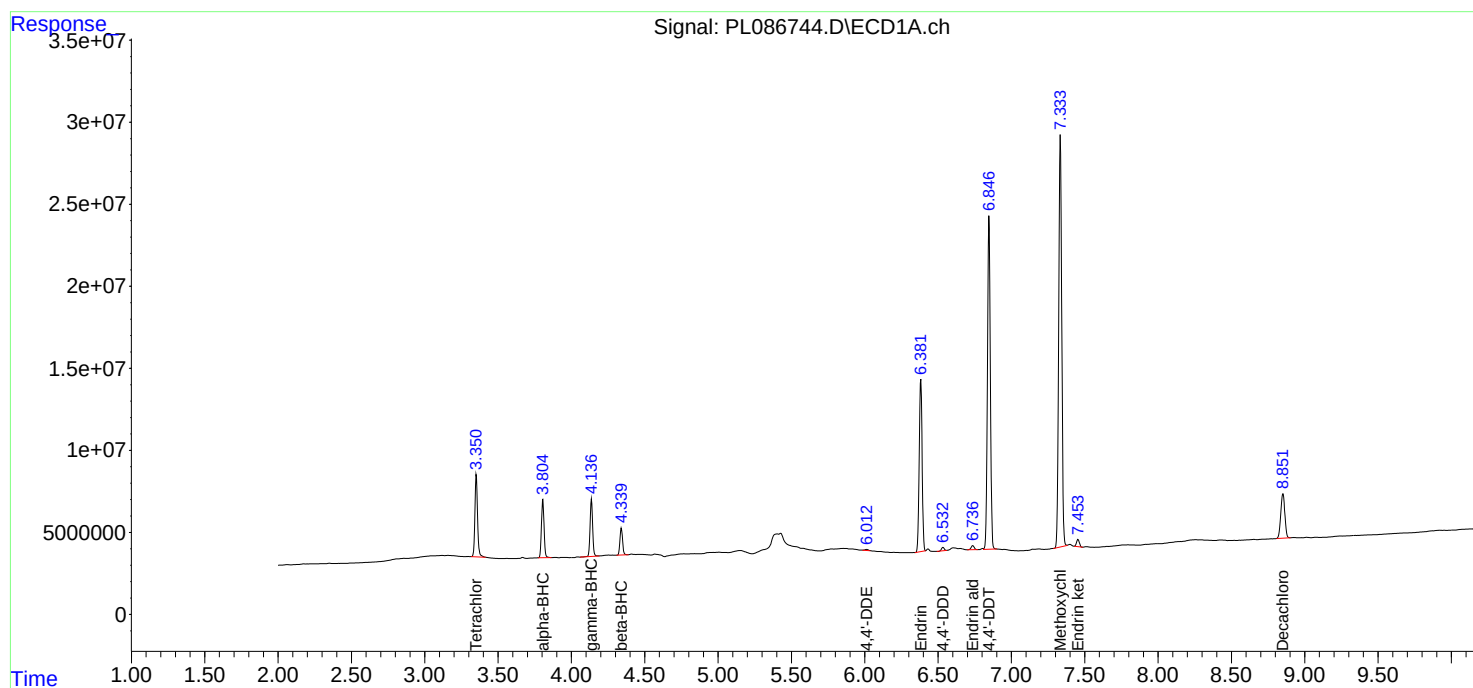
Instrument :
ECD_L
ClientSampleId :
PEM

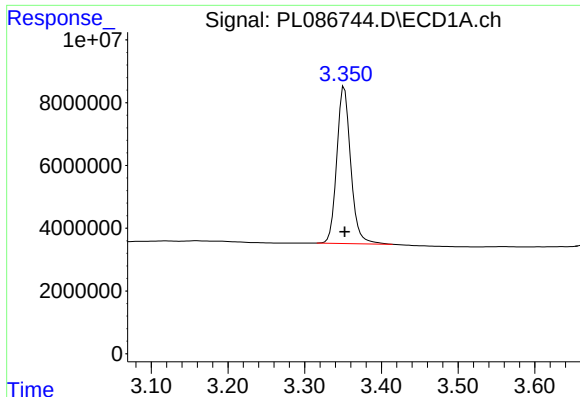
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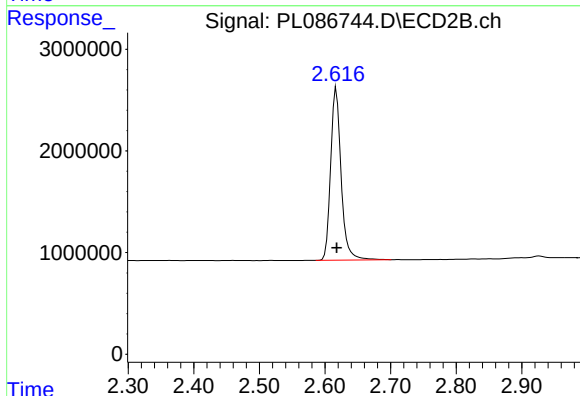
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 63055927
Conc: 19.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

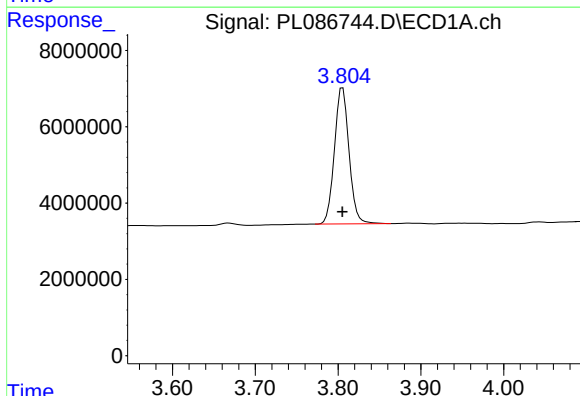
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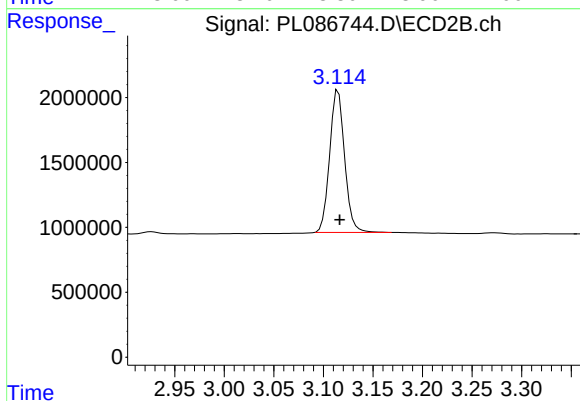
#1 Tetrachloro-m-xylene

R.T.: 2.617 min
Delta R.T.: 0.000 min
Response: 18845599
Conc: 19.14 ng/ml



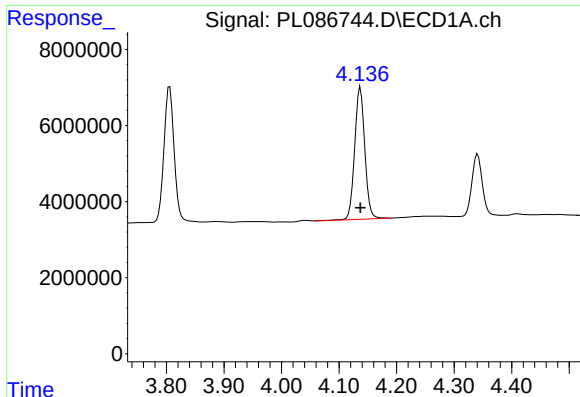
#2 alpha-BHC

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 43802022
Conc: 9.11 ng/ml



#2 alpha-BHC

R.T.: 3.115 min
Delta R.T.: -0.001 min
Response: 11506951
Conc: 8.63 ng/ml



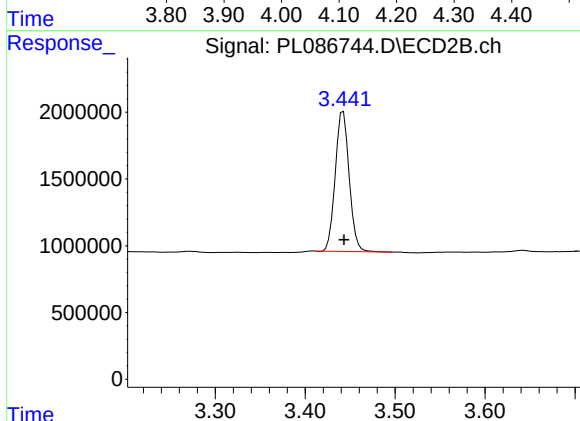
#3 gamma-BHC (Lindane)

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 42994327
Conc: 9.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

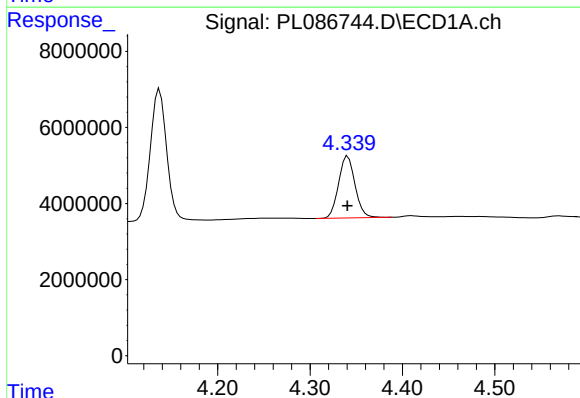
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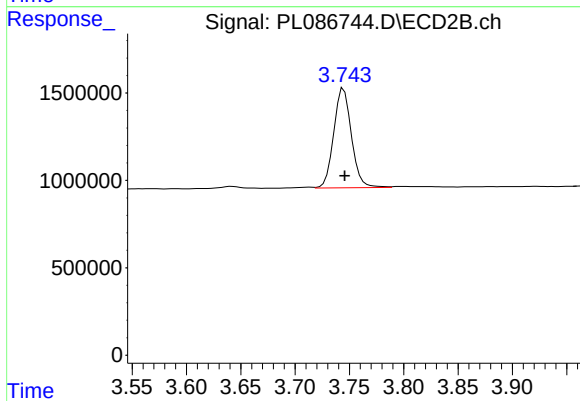
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: 0.000 min
Response: 11291911
Conc: 8.51 ng/ml



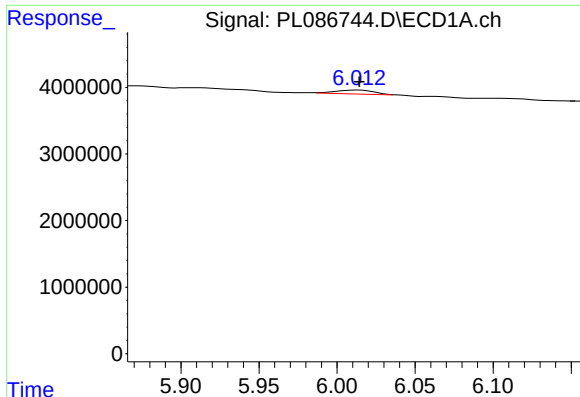
#6 beta-BHC

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 20239955
Conc: 10.01 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 6463989
Conc: 10.84 ng/ml



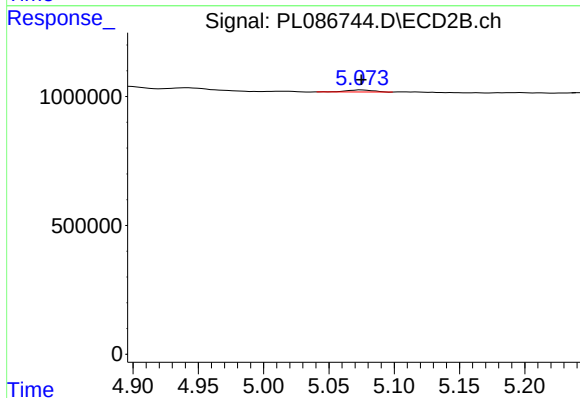
#12 4,4'-DDE

R.T.: 6.012 min
Delta R.T.: -0.002 min
Response: 976292
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

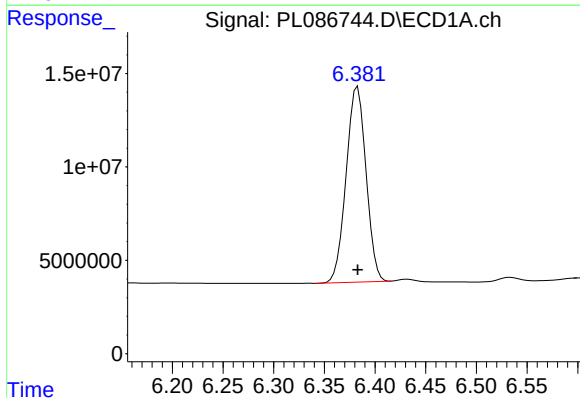
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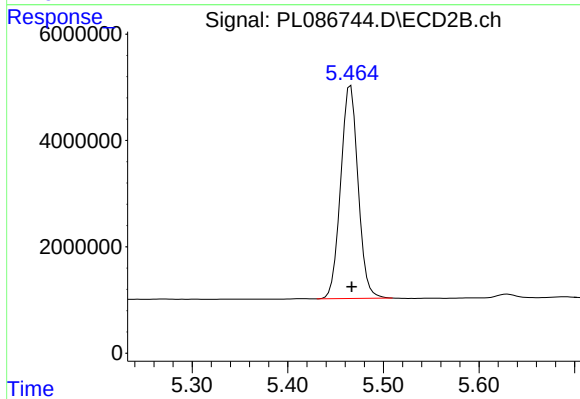
#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 113342
Conc: 0.11 ng/ml



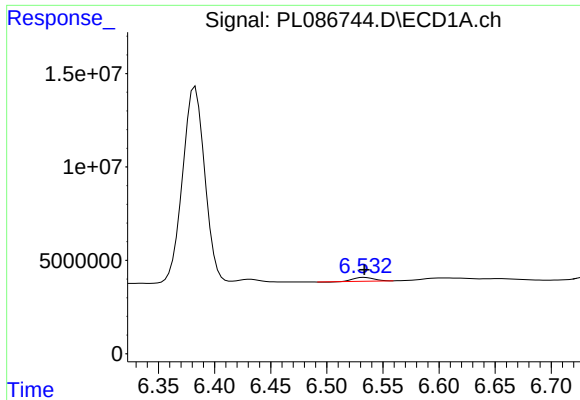
#14 Endrin

R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 142806718
Conc: 41.46 ng/ml



#14 Endrin

R.T.: 5.466 min
Delta R.T.: -0.001 min
Response: 50831607
Conc: 46.41 ng/ml



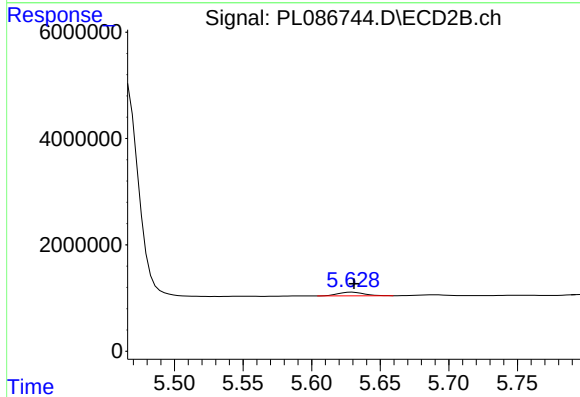
#16 4,4'-DDD

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 2570785
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

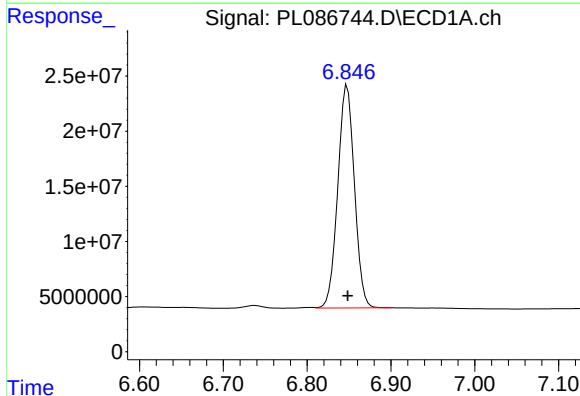
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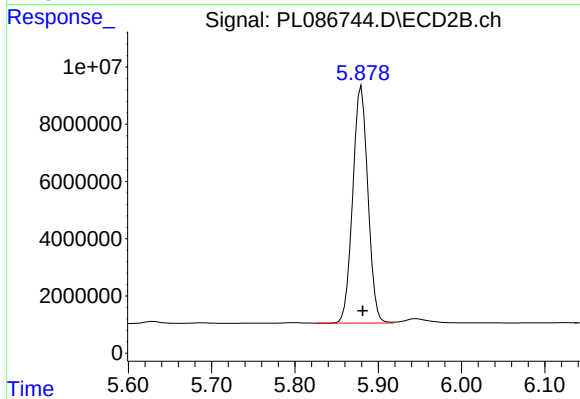
#16 4,4'-DDD

R.T.: 5.628 min
Delta R.T.: -0.003 min
Response: 891518
Conc: 1.05 ng/ml m



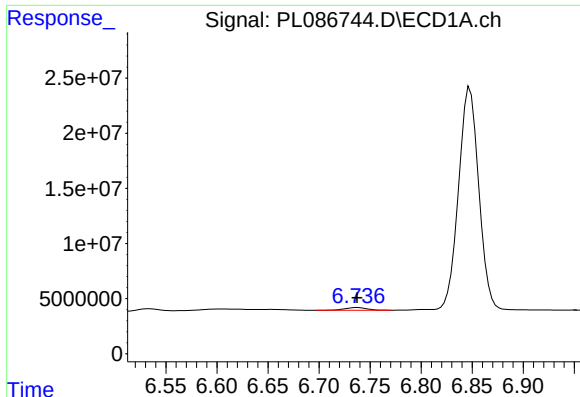
#17 4,4'-DDT

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 278833464
Conc: 94.06 ng/ml



#17 4,4'-DDT

R.T.: 5.880 min
Delta R.T.: -0.002 min
Response: 104589810
Conc: 106.99 ng/ml



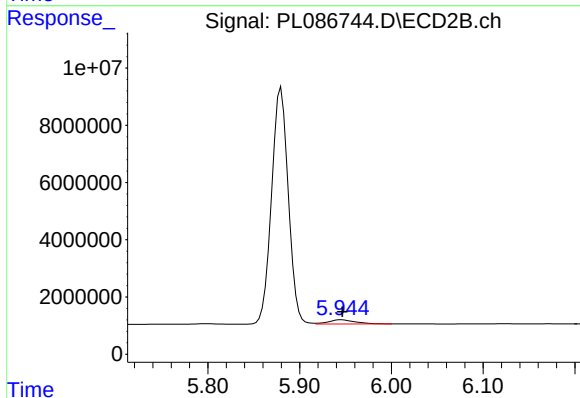
#18 Endrin aldehyde

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 3641987
Conc: 1.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

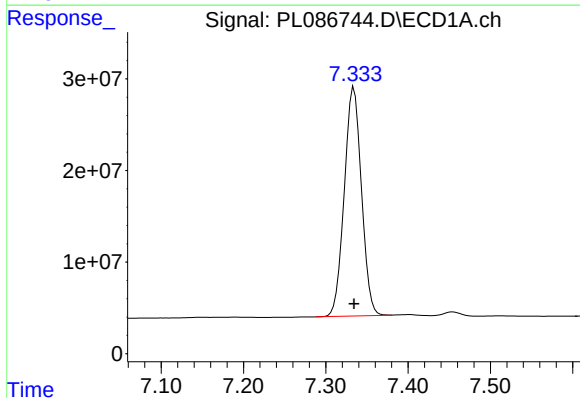
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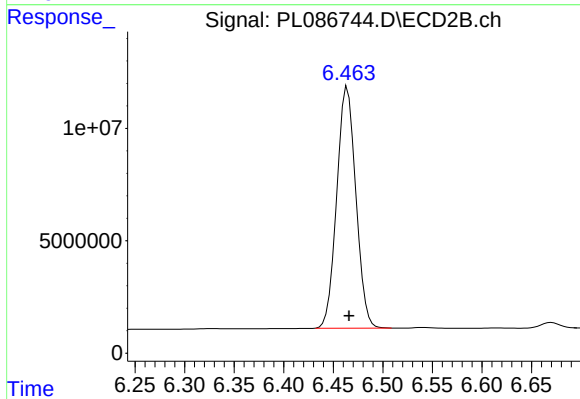
#18 Endrin aldehyde

R.T.: 5.945 min
Delta R.T.: -0.001 min
Response: 2939999
Conc: 3.14 ng/ml



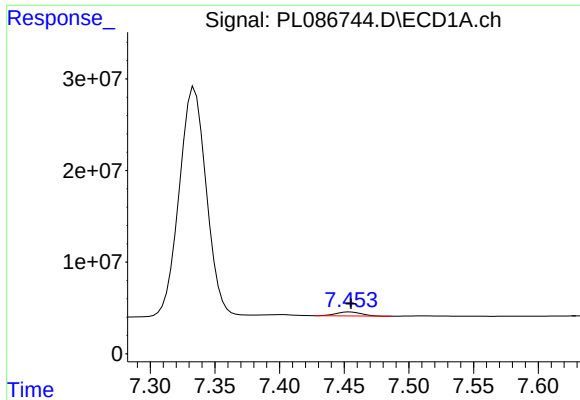
#20 Methoxychlor

R.T.: 7.333 min
Delta R.T.: -0.002 min
Response: 362914206
Conc: 227.41 ng/ml m



#20 Methoxychlor

R.T.: 6.464 min
Delta R.T.: -0.002 min
Response: 144172493
Conc: 241.02 ng/ml



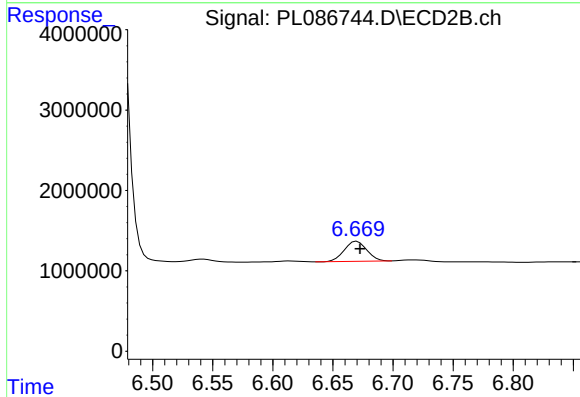
#21 Endrin ketone

R.T.: 7.455 min
Delta R.T.: 0.000 min
Response: 5902049
Conc: 1.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

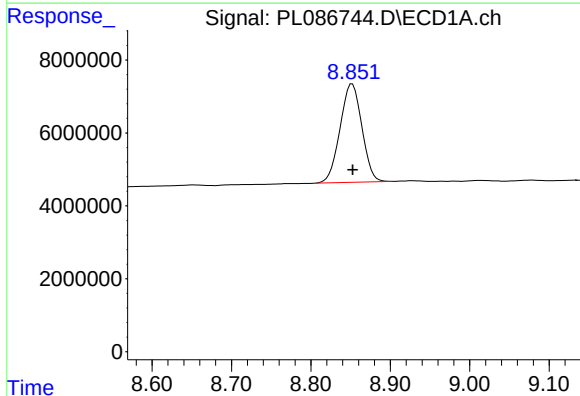
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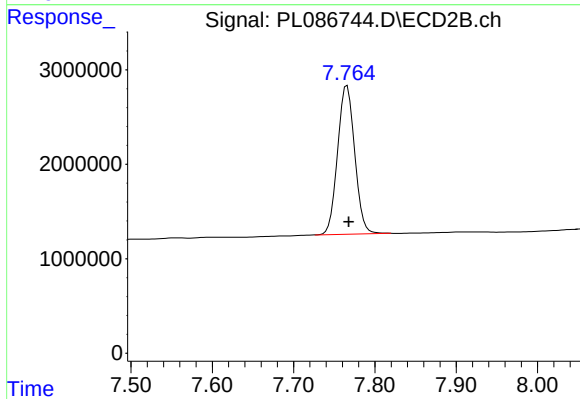
#21 Endrin ketone

R.T.: 6.670 min
Delta R.T.: -0.003 min
Response: 3251368
Conc: 2.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.852 min
Delta R.T.: 0.000 min
Response: 51517828
Conc: 17.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.766 min
Delta R.T.: -0.002 min
Response: 23014914
Conc: 19.06 ng/ml