

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072823\
 Data File : PL084341.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2023 14:42
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/31/2023
 Supervised By : Ankita Jodhani 07/31/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 22:34:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 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...	3.477	2.688	43221931	22149654	21.612	19.944
28)	SA Decachlor...	9.024	7.869	31658772	25134997	24.322	22.621
Target Compounds							
2)	A alpha-BHC	3.934	3.193	29673062	15070415	10.128	9.373
3)	MA gamma-BHC...	4.269	3.523	28301199	14213171	10.017	9.347
6)	B beta-BHC	4.467	3.825	14755355	7384394	12.298	11.187
12)	B 4,4'-DDE	6.149	5.166	683534	359018	0.340	0.292
14)	MA Endrin	6.525	5.563	85661164	57072920	44.980	51.920
16)	A 4,4'-DDD	6.667	5.723	6881186	4302227	4.686	4.485
17)	MA 4,4'-DDT	6.983	5.976	153.7E6	117.1E6	96.393	128.588 #
18)	B Endrin al...	6.876	6.042	3059087	2200900	2.088	2.448
20)	A Methoxychlor	7.462	6.560	188.6E6	147.9E6	241.066m	308.527 #
21)	B Endrin ke...	7.593	6.771	6409797	5106849	3.658m	3.952

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

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Acq On : 28 Jul 2023 14:42
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

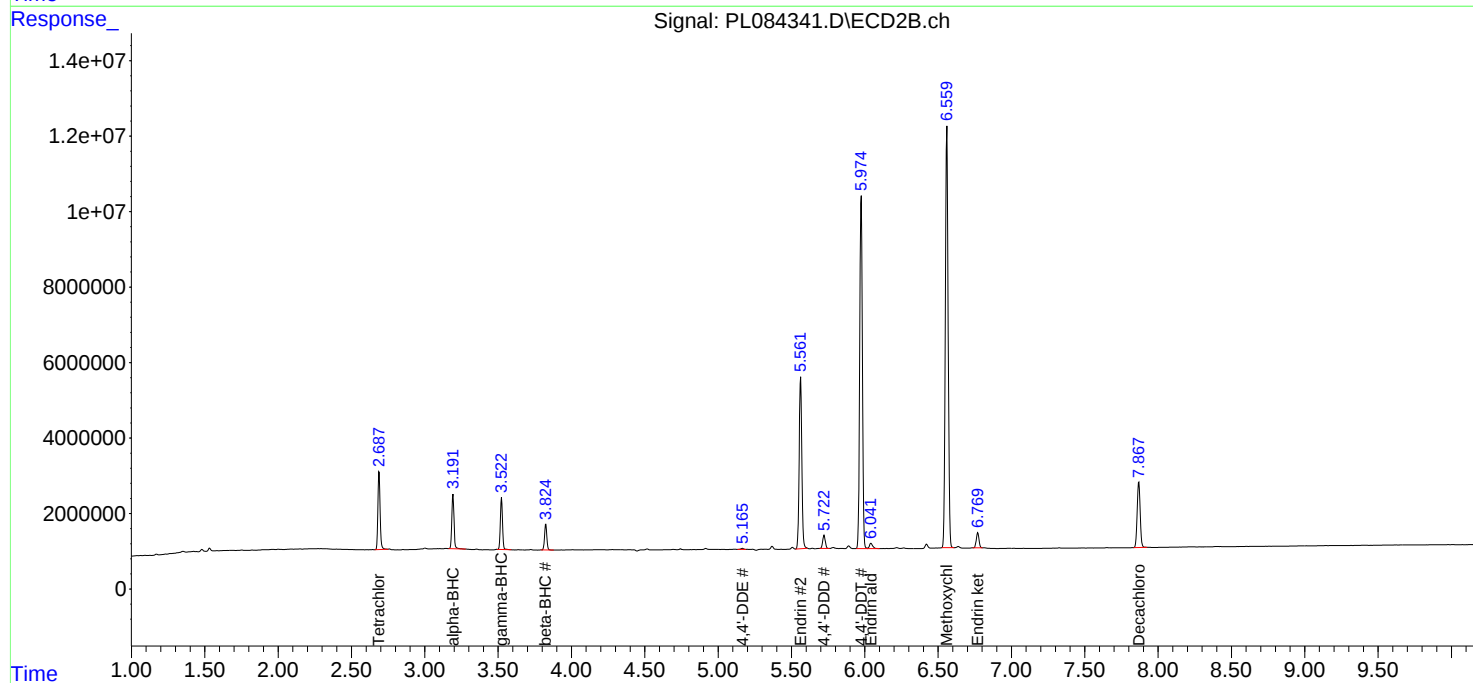
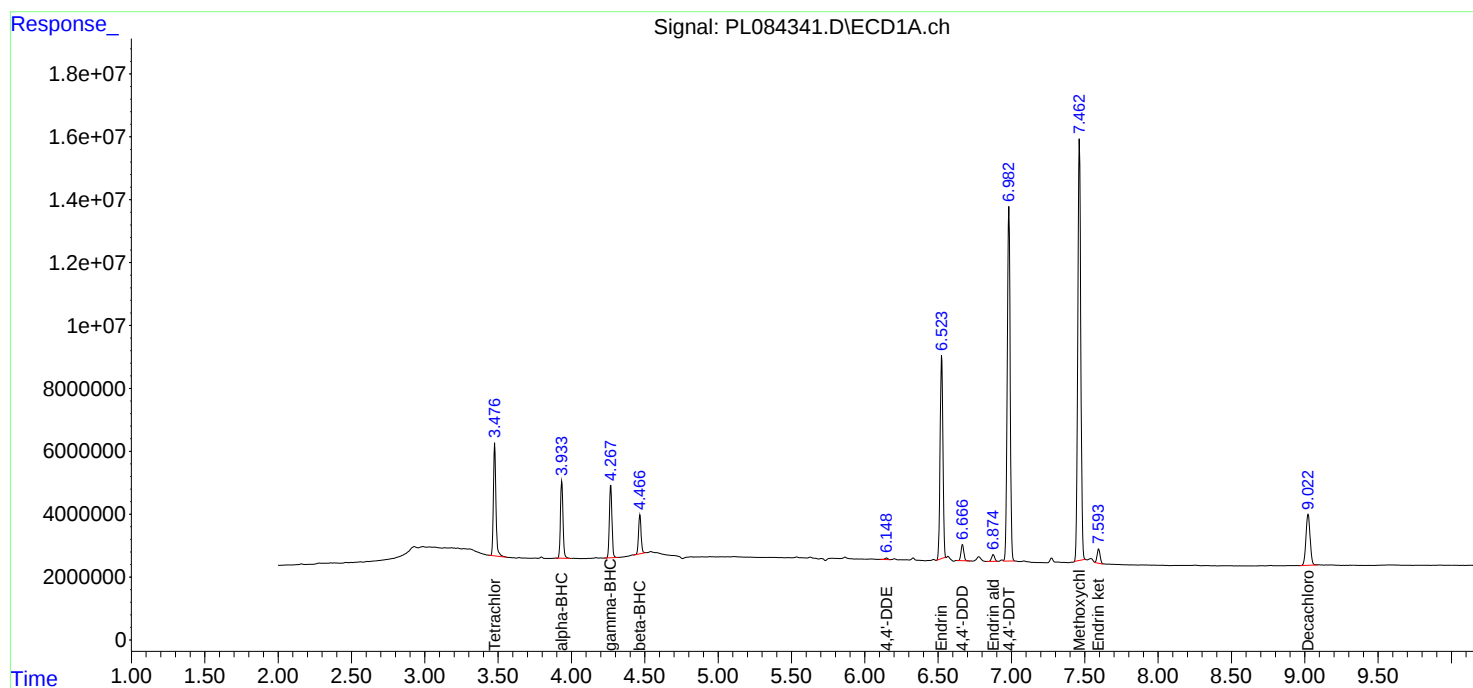
Instrument :
ECD_L
ClientSampleId :
PEM

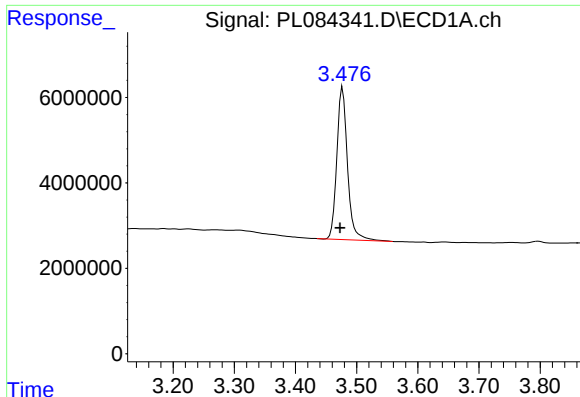
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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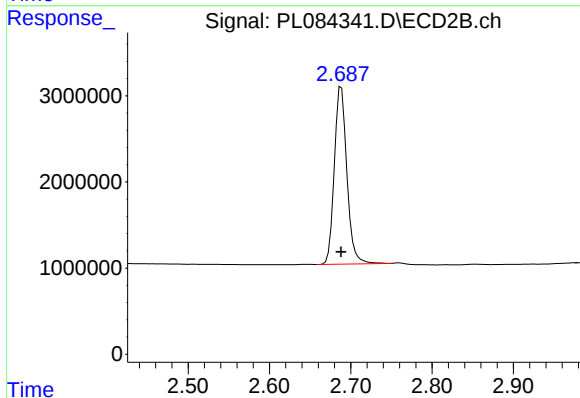
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.004 min
Response: 43221931
Conc: 21.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

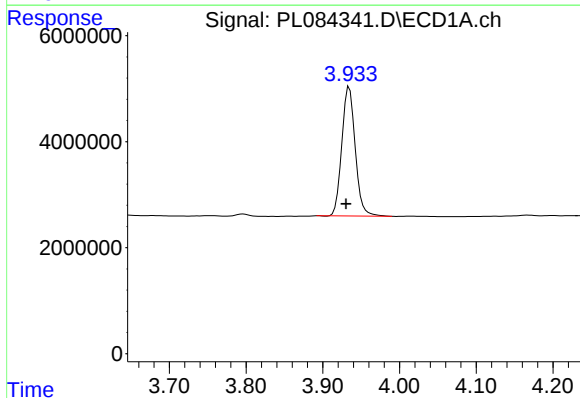
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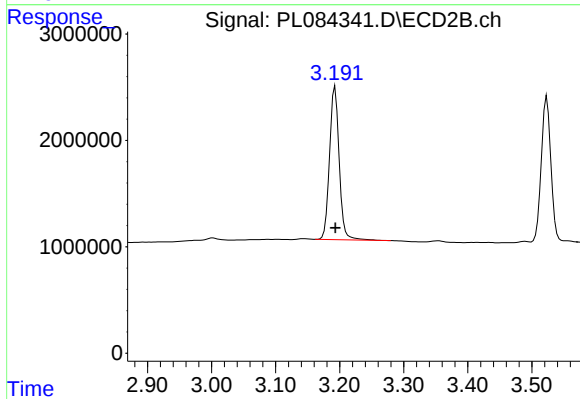
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 22149654
Conc: 19.94 ng/ml



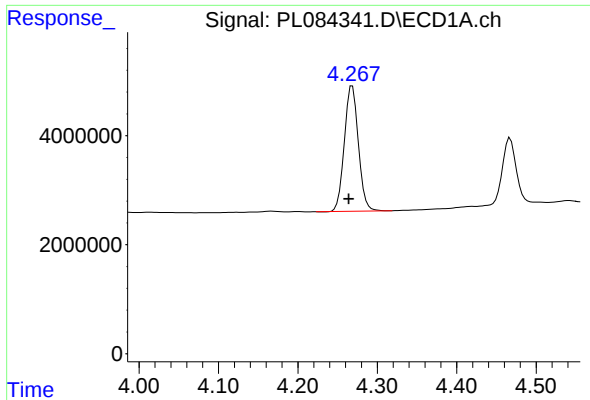
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.004 min
Response: 29673062
Conc: 10.13 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 15070415
Conc: 9.37 ng/ml



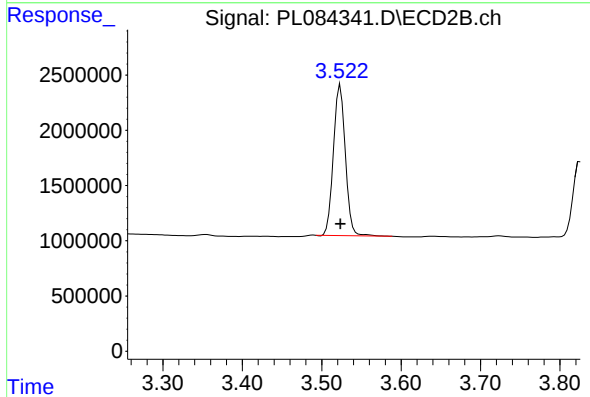
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.005 min
Response: 28301199
Conc: 10.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

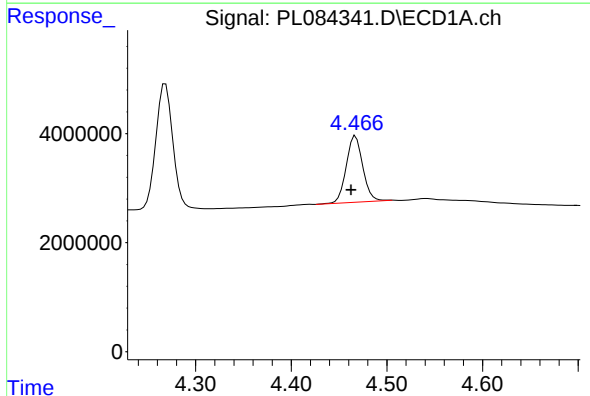
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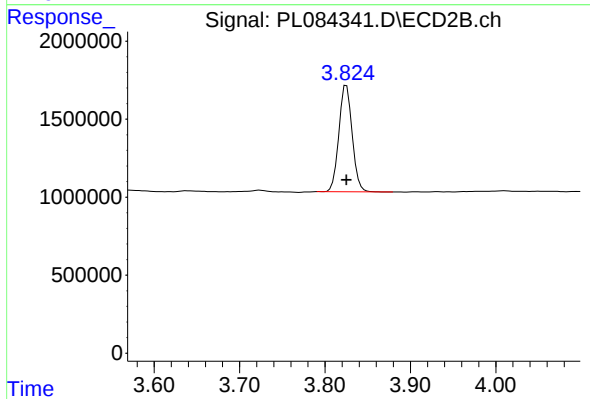
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 14213171
Conc: 9.35 ng/ml



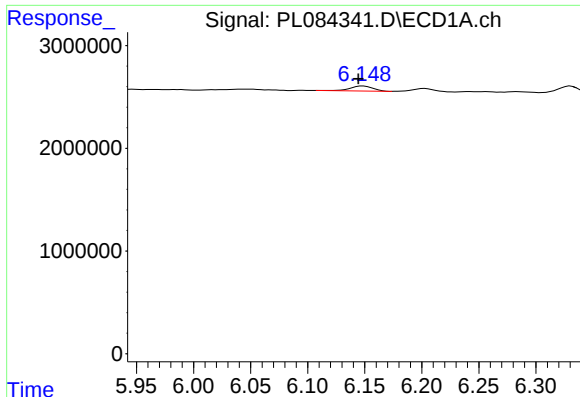
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.005 min
Response: 14755355
Conc: 12.30 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 7384394
Conc: 11.19 ng/ml



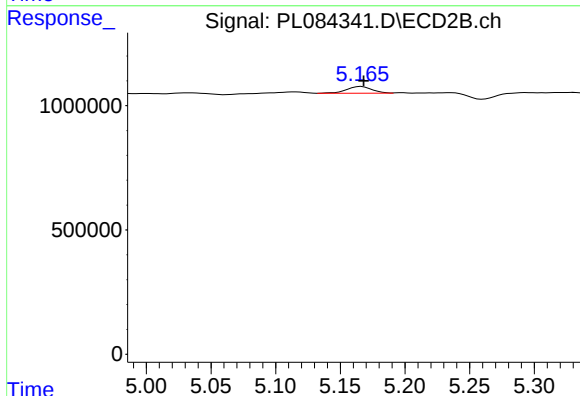
#12 4,4'-DDE

R.T.: 6.149 min
Delta R.T.: 0.004 min
Response: 683534
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

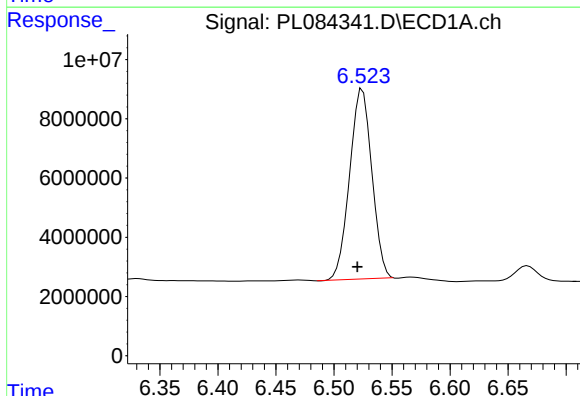
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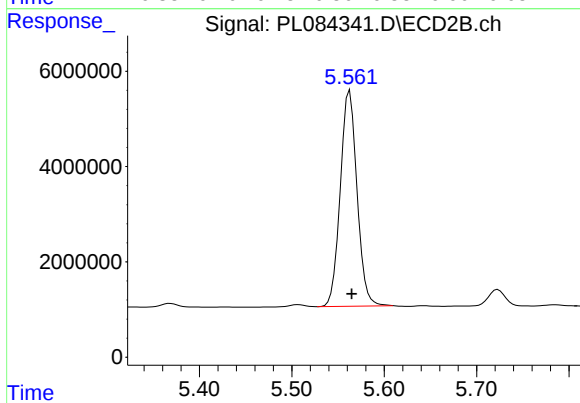
#12 4,4'-DDE

R.T.: 5.166 min
Delta R.T.: -0.002 min
Response: 359018
Conc: 0.29 ng/ml



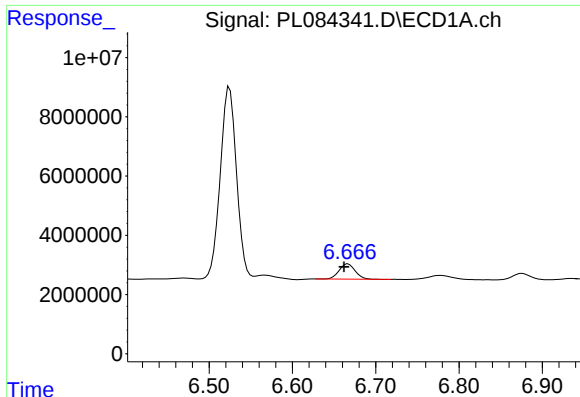
#14 Endrin

R.T.: 6.525 min
Delta R.T.: 0.004 min
Response: 85661164
Conc: 44.98 ng/ml



#14 Endrin

R.T.: 5.563 min
Delta R.T.: -0.002 min
Response: 57072920
Conc: 51.92 ng/ml



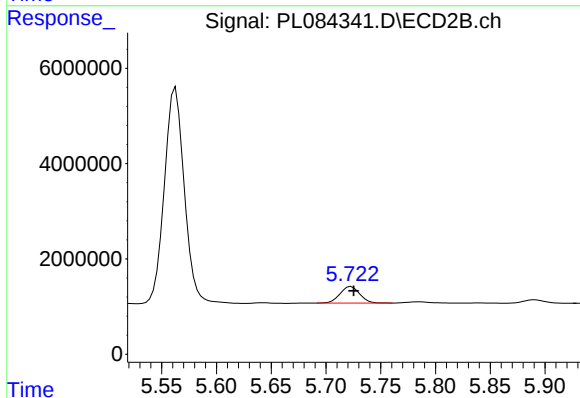
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.005 min
Response: 6881186
Conc: 4.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

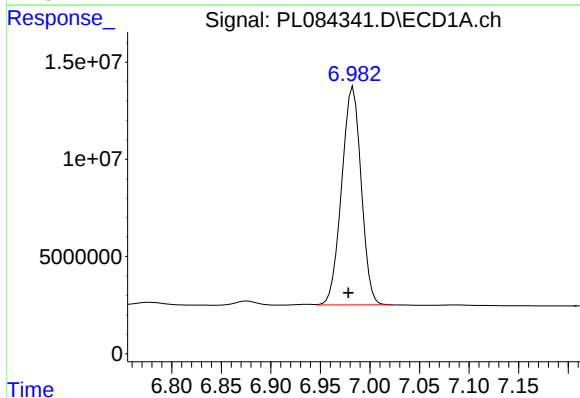
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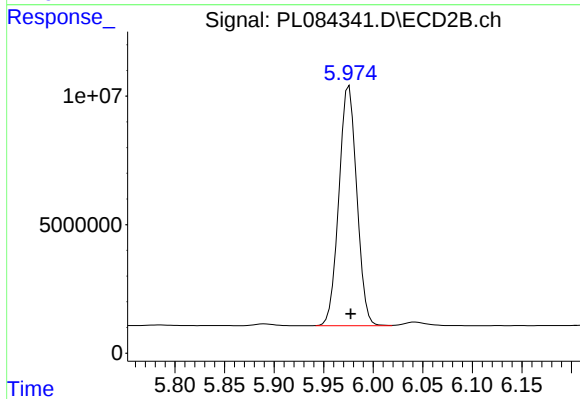
#16 4,4'-DDD

R.T.: 5.723 min
Delta R.T.: -0.002 min
Response: 4302227
Conc: 4.48 ng/ml



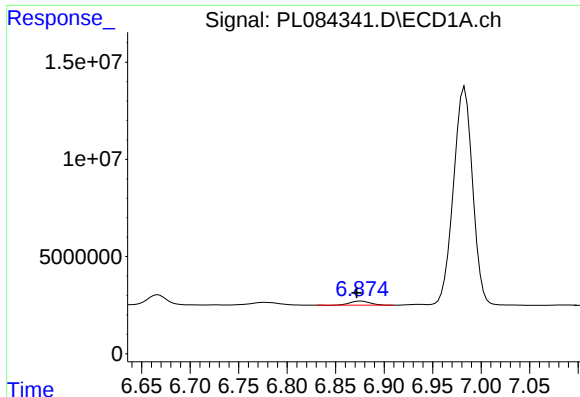
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.005 min
Response: 153727355
Conc: 96.39 ng/ml



#17 4,4'-DDT

R.T.: 5.976 min
Delta R.T.: -0.002 min
Response: 117117172
Conc: 128.59 ng/ml



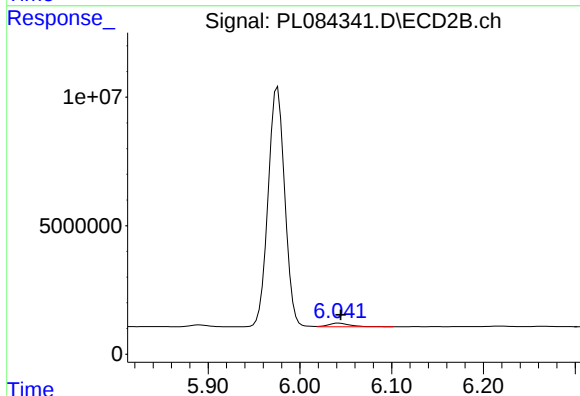
#18 Endrin aldehyde

R.T.: 6.876 min
Delta R.T.: 0.004 min
Response: 3059087
Conc: 2.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

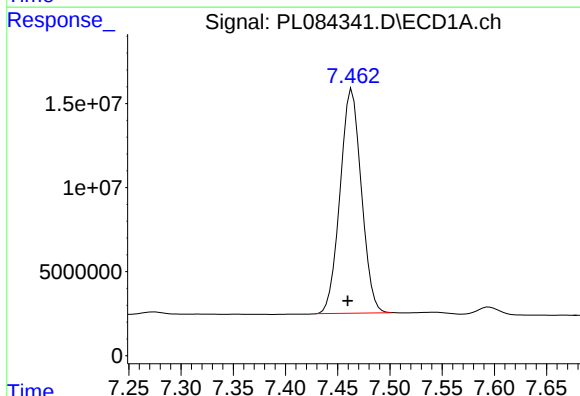
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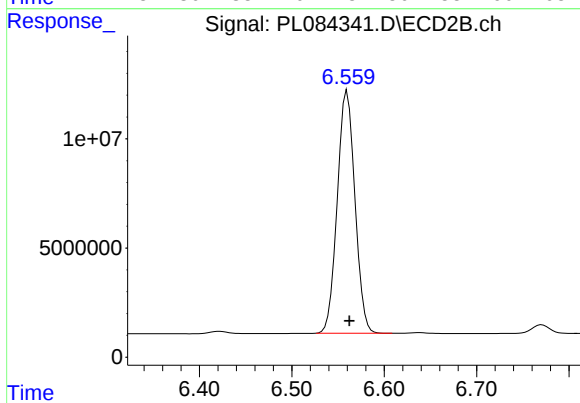
#18 Endrin aldehyde

R.T.: 6.042 min
Delta R.T.: -0.002 min
Response: 2200900
Conc: 2.45 ng/ml



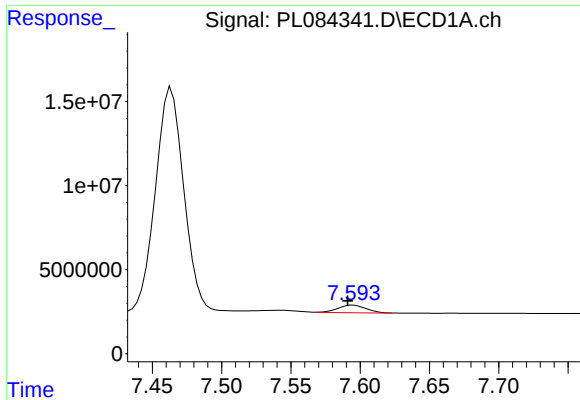
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 188567048
Conc: 241.07 ng/ml m



#20 Methoxychlor

R.T.: 6.560 min
Delta R.T.: -0.002 min
Response: 147858651
Conc: 308.53 ng/ml



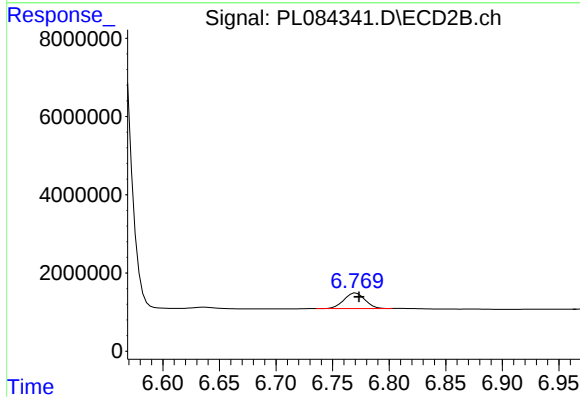
#21 Endrin ketone

R.T.: 7.593 min
Delta R.T.: 0.002 min
Response: 6409797
Conc: 3.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

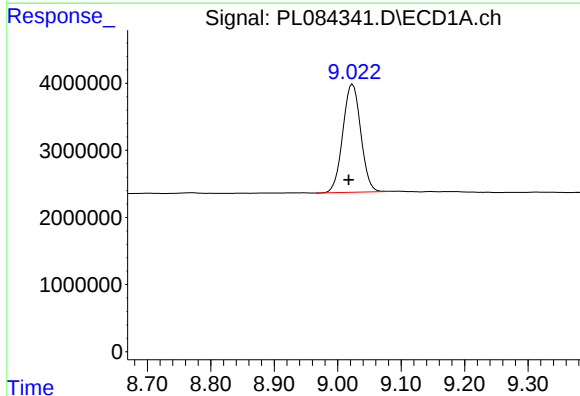
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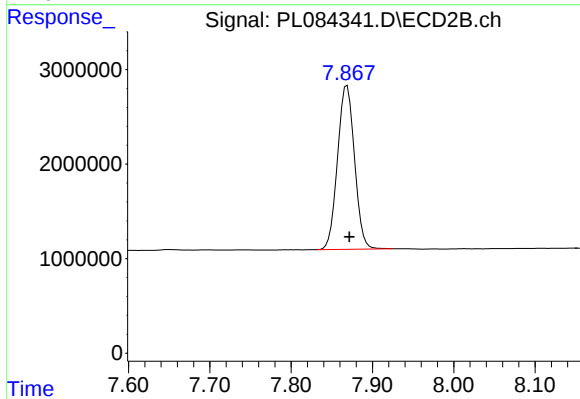
#21 Endrin ketone

R.T.: 6.771 min
Delta R.T.: -0.003 min
Response: 5106849
Conc: 3.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.006 min
Response: 31658772
Conc: 24.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: -0.003 min
Response: 25134997
Conc: 22.62 ng/ml