

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030623\
 Data File : PL081253.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Mar 2023 08:56
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/07/2023
 Supervised By :Ankita Jodhani 03/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 06 20:38:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 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...	3.336	2.666	45506958	39197696	21.063	19.368
28)	SA Decachlor...	8.761	7.790	33015381	38733351	21.656	20.221
Target Compounds							
2)	A alpha-BHC	3.785	3.167	30715677	24839347	9.655	8.476
3)	MA gamma-BHC...	4.114	3.495	29828717	24015019	10.082	8.729
6)	B beta-BHC	4.316	3.794	15157950	12611817	11.012	10.866
12)	B 4,4'-DDE	5.966	5.113	372402	345265	0.190m	0.176m
14)	MA Endrin	6.340	5.518	85710787	89850782	47.159	44.710
16)	A 4,4'-DDD	6.484	5.668	3596800	3127170	2.337	2.038
17)	MA 4,4'-DDT	6.796	5.917	161.0E6	173.8E6	101.437	108.312
18)	B Endrin al...	6.690	5.995	2557351	3808940	1.787m	2.514 #
20)	A Methoxychlor	7.275	6.498	216.9E6	233.3E6	251.807	251.355
21)	B Endrin ke...	7.406	6.723	4897132	6685130	2.700	3.105

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

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ALS Vial : 3 Sample Multiplier: 1

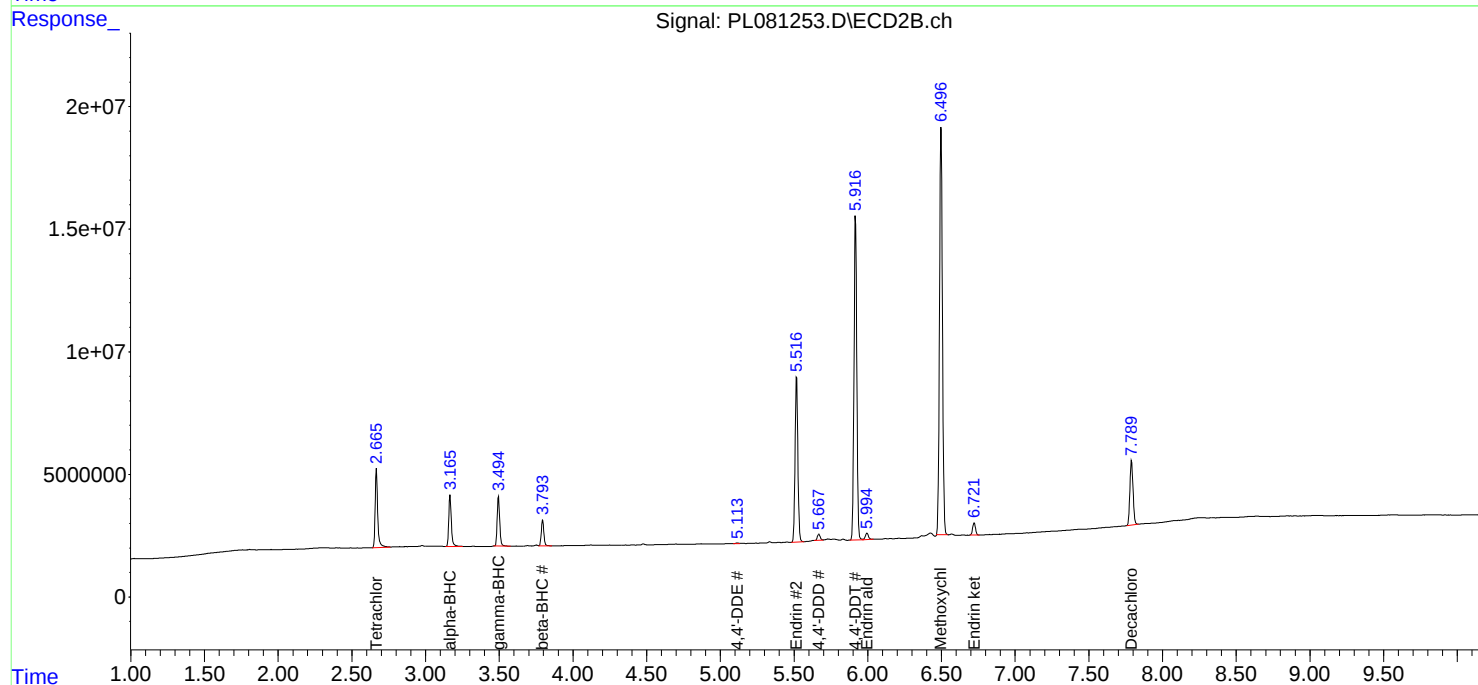
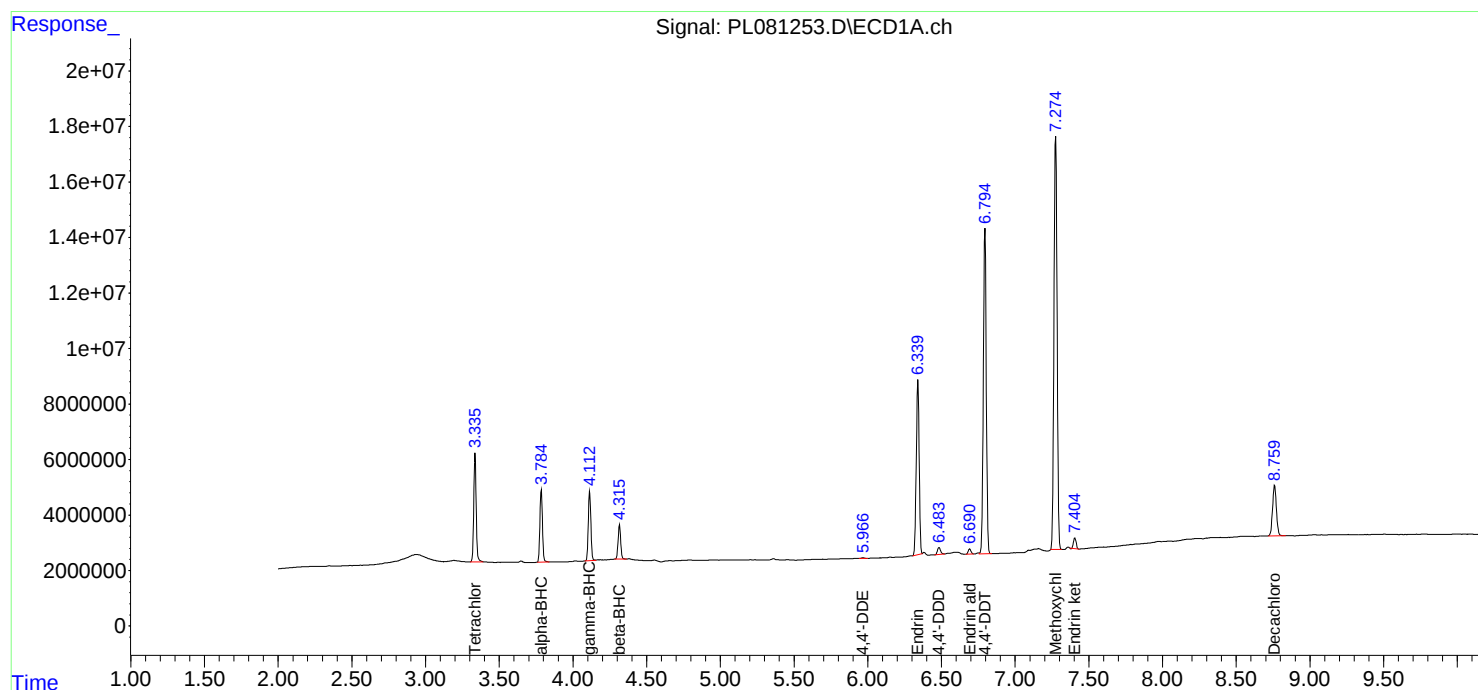
Instrument :
ECD_L
ClientSampleId :
PEM

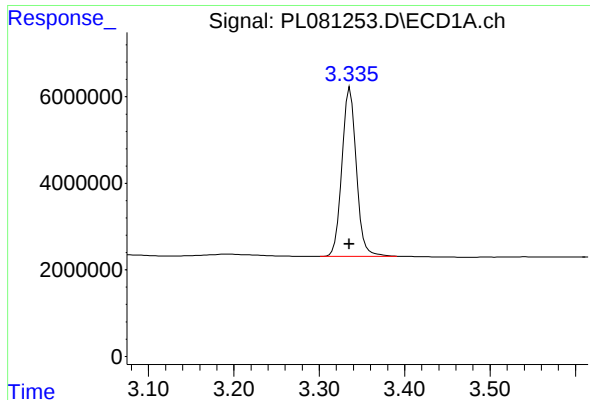
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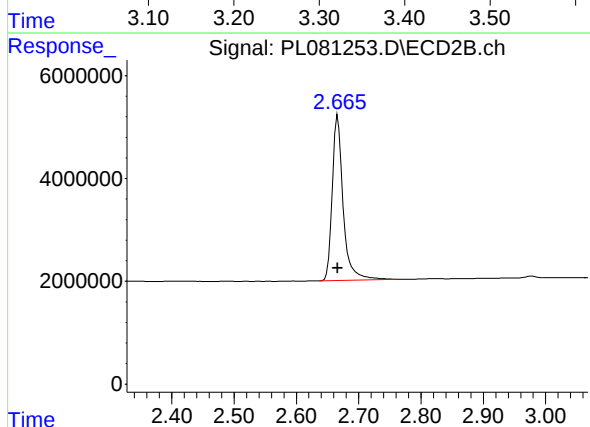
#1 Tetrachloro-m-xylene

R.T.: 3.336 min
Delta R.T.: 0.001 min
Response: 45506958
Conc: 21.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

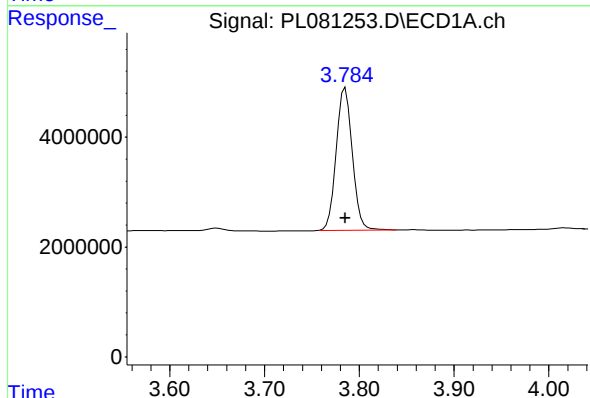
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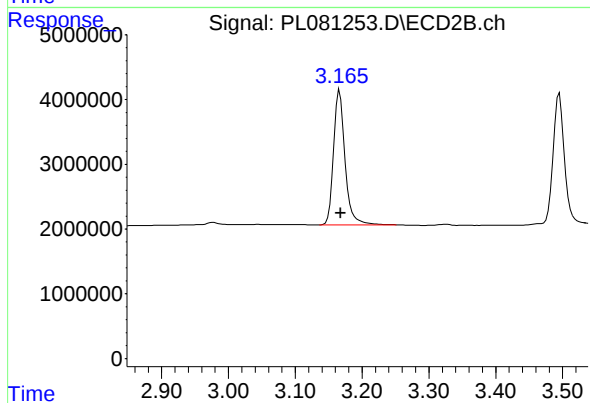
#1 Tetrachloro-m-xylene

R.T.: 2.666 min
Delta R.T.: 0.000 min
Response: 39197696
Conc: 19.37 ng/ml



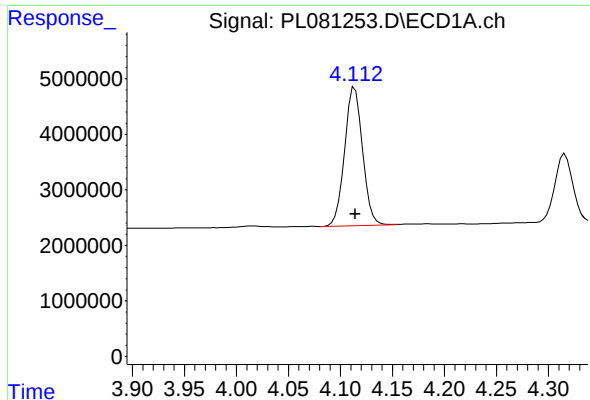
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 30715677
Conc: 9.66 ng/ml



#2 alpha-BHC

R.T.: 3.167 min
Delta R.T.: -0.001 min
Response: 24839347
Conc: 8.48 ng/ml



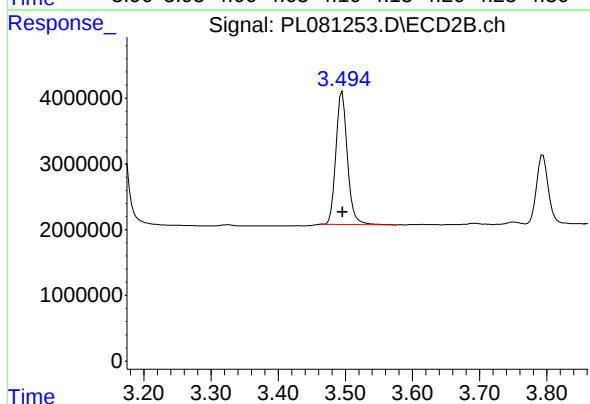
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: 0.000 min
Response: 29828717
Conc: 10.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

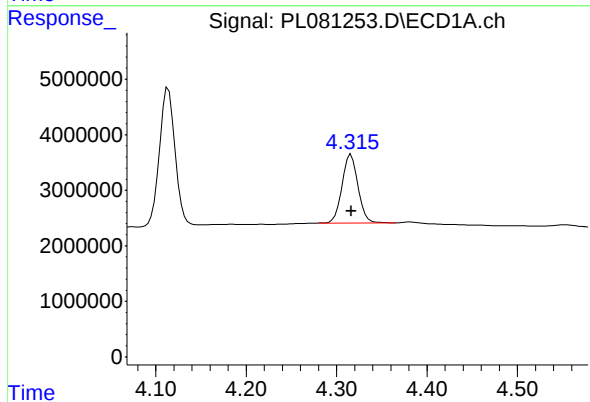
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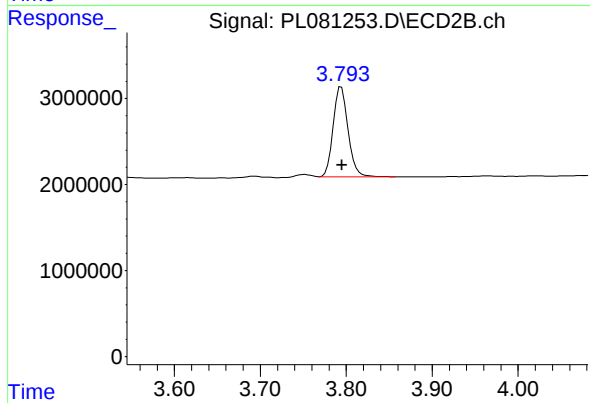
#3 gamma-BHC (Lindane)

R.T.: 3.495 min
Delta R.T.: -0.001 min
Response: 24015019
Conc: 8.73 ng/ml



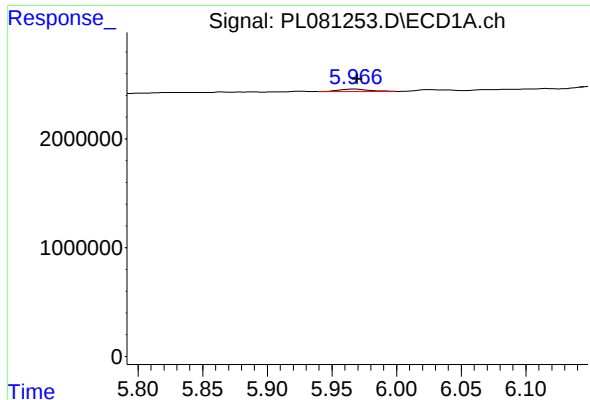
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 15157950
Conc: 11.01 ng/ml



#6 beta-BHC

R.T.: 3.794 min
Delta R.T.: -0.001 min
Response: 12611817
Conc: 10.87 ng/ml



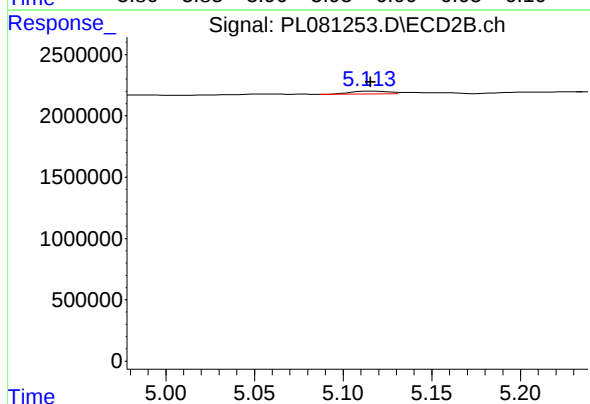
#12 4,4'-DDE

R.T.: 5.966 min
Delta R.T.: -0.003 min
Response: 372402
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

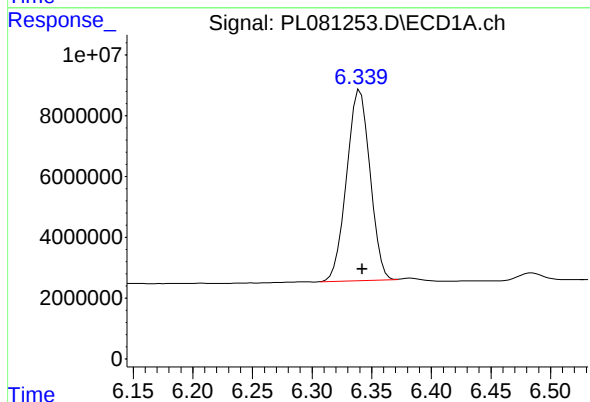
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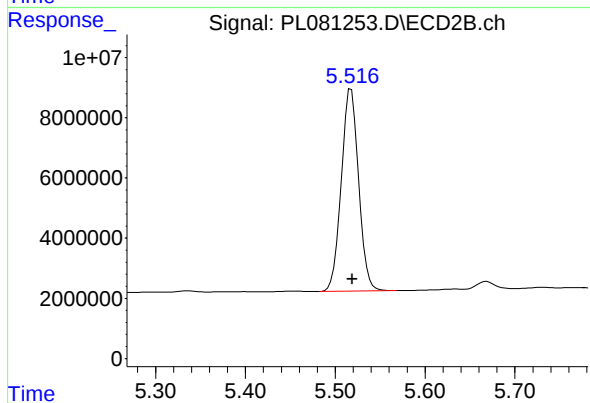
#12 4,4'-DDE

R.T.: 5.113 min
Delta R.T.: -0.002 min
Response: 345265
Conc: 0.18 ng/ml



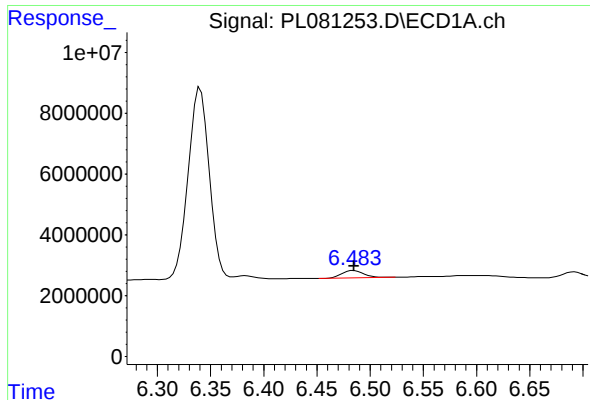
#14 Endrin

R.T.: 6.340 min
Delta R.T.: -0.002 min
Response: 85710787
Conc: 47.16 ng/ml



#14 Endrin

R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 89850782
Conc: 44.71 ng/ml



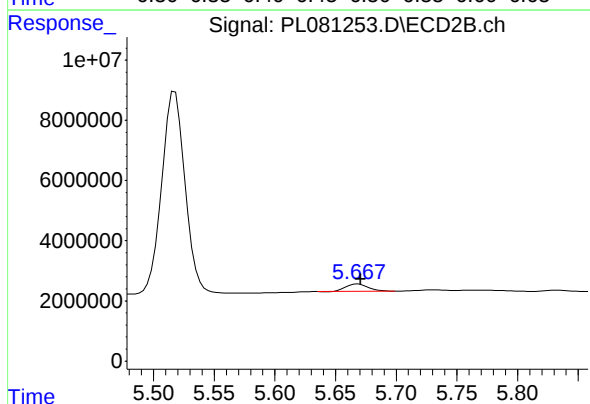
#16 4,4'-DDD

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 3596800
Conc: 2.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

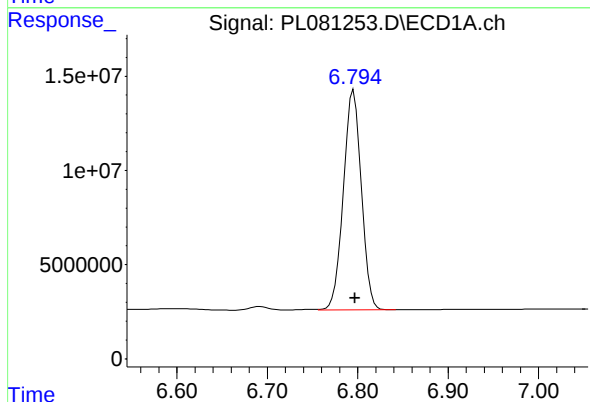
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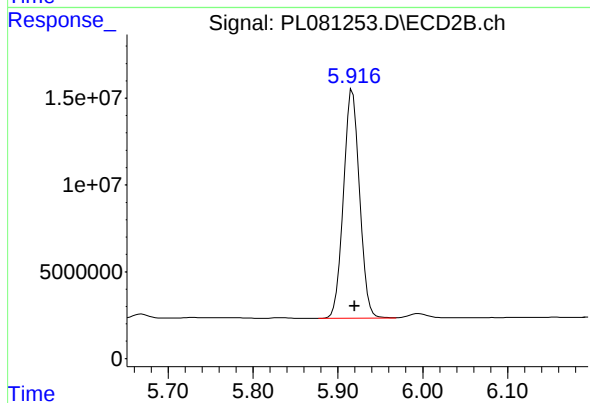
#16 4,4'-DDD

R.T.: 5.668 min
Delta R.T.: -0.002 min
Response: 3127170
Conc: 2.04 ng/ml



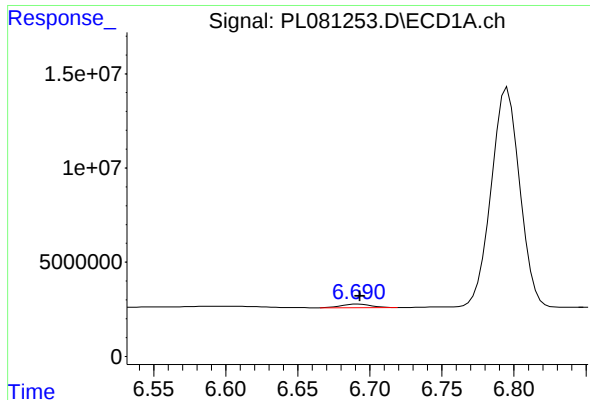
#17 4,4'-DDT

R.T.: 6.796 min
Delta R.T.: -0.001 min
Response: 161012150
Conc: 101.44 ng/ml



#17 4,4'-DDT

R.T.: 5.917 min
Delta R.T.: -0.003 min
Response: 173766302
Conc: 108.31 ng/ml



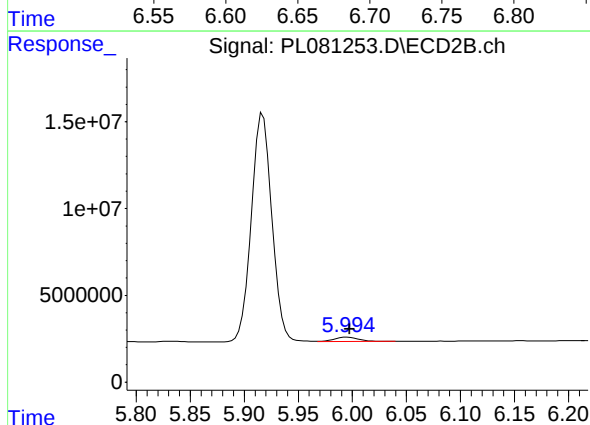
#18 Endrin aldehyde

R.T.: 6.690 min
Delta R.T.: -0.003 min
Response: 2557351
Conc: 1.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

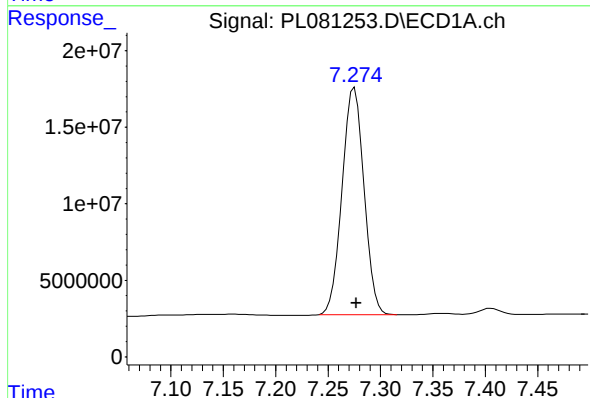
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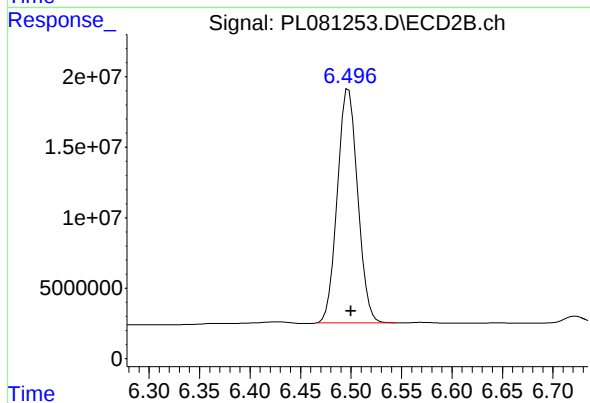
#18 Endrin aldehyde

R.T.: 5.995 min
Delta R.T.: -0.002 min
Response: 3808940
Conc: 2.51 ng/ml



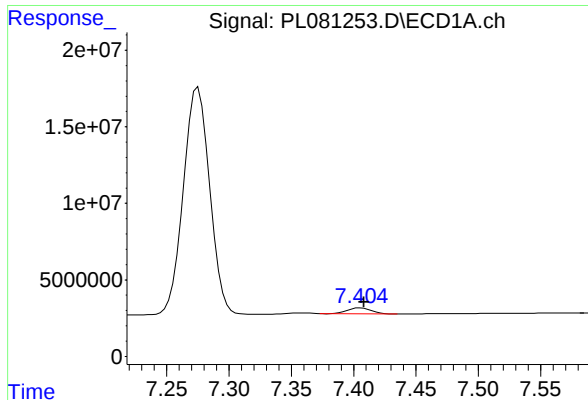
#20 Methoxychlor

R.T.: 7.275 min
Delta R.T.: -0.002 min
Response: 216897380
Conc: 251.81 ng/ml



#20 Methoxychlor

R.T.: 6.498 min
Delta R.T.: -0.002 min
Response: 233280728
Conc: 251.35 ng/ml



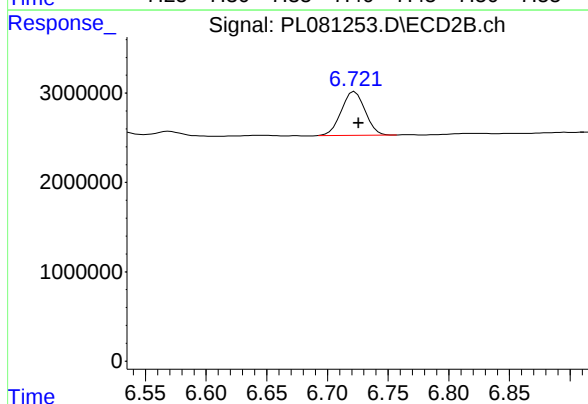
#21 Endrin ketone

R.T.: 7.406 min
Delta R.T.: -0.003 min
Response: 4897132
Conc: 2.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

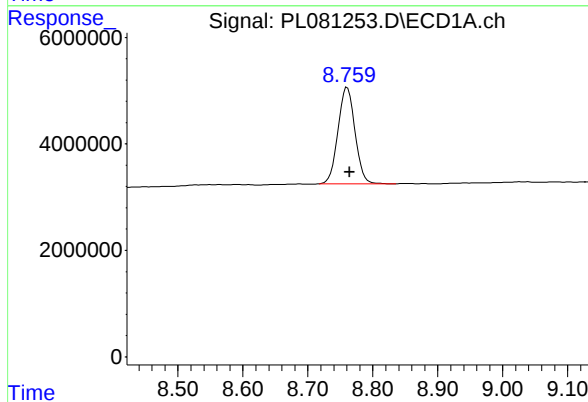
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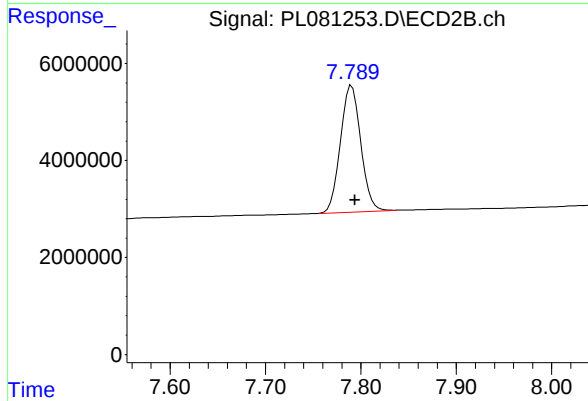
#21 Endrin ketone

R.T.: 6.723 min
Delta R.T.: -0.003 min
Response: 6685130
Conc: 3.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.761 min
Delta R.T.: -0.004 min
Response: 33015381
Conc: 21.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.790 min
Delta R.T.: -0.004 min
Response: 38733351
Conc: 20.22 ng/ml