

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031623\
 Data File : PL081486.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 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 03/17/2023
 Supervised By : Ankita Jodhani 03/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 16 21:42:16 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...	3.334	2.662	47399514	39985508	21.939	19.757
28)	SA Decachlor...	8.759	7.785	32456648	39214462	21.289	20.472
Target Compounds							
2)	A alpha-BHC	3.783	3.162	31852288	25464086	10.012	8.689
3)	MA gamma-BHC...	4.111	3.490	30796610	24571721	10.409	8.932
6)	B beta-BHC	4.314	3.789	15231073	12672544	11.065	10.919
12)	B 4,4'-DDE	5.966	5.108	448170	355363	0.229	0.181m
14)	MA Endrin	6.337	5.511	86429070	88703968	47.554	44.139
16)	A 4,4'-DDD	6.481	5.662	4430940	3606643	2.878	2.351
17)	MA 4,4'-DDT	6.792	5.911	167.4E6	172.0E6	105.472	107.242
18)	B Endrin al...	6.688	5.989	2888945	4392677	2.018m	2.899 #
20)	A Methoxychlor	7.273	6.490	219.6E6	230.2E6	254.944	248.008m
21)	B Endrin ke...	7.403	6.716	5775991	7576980	3.184	3.519

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

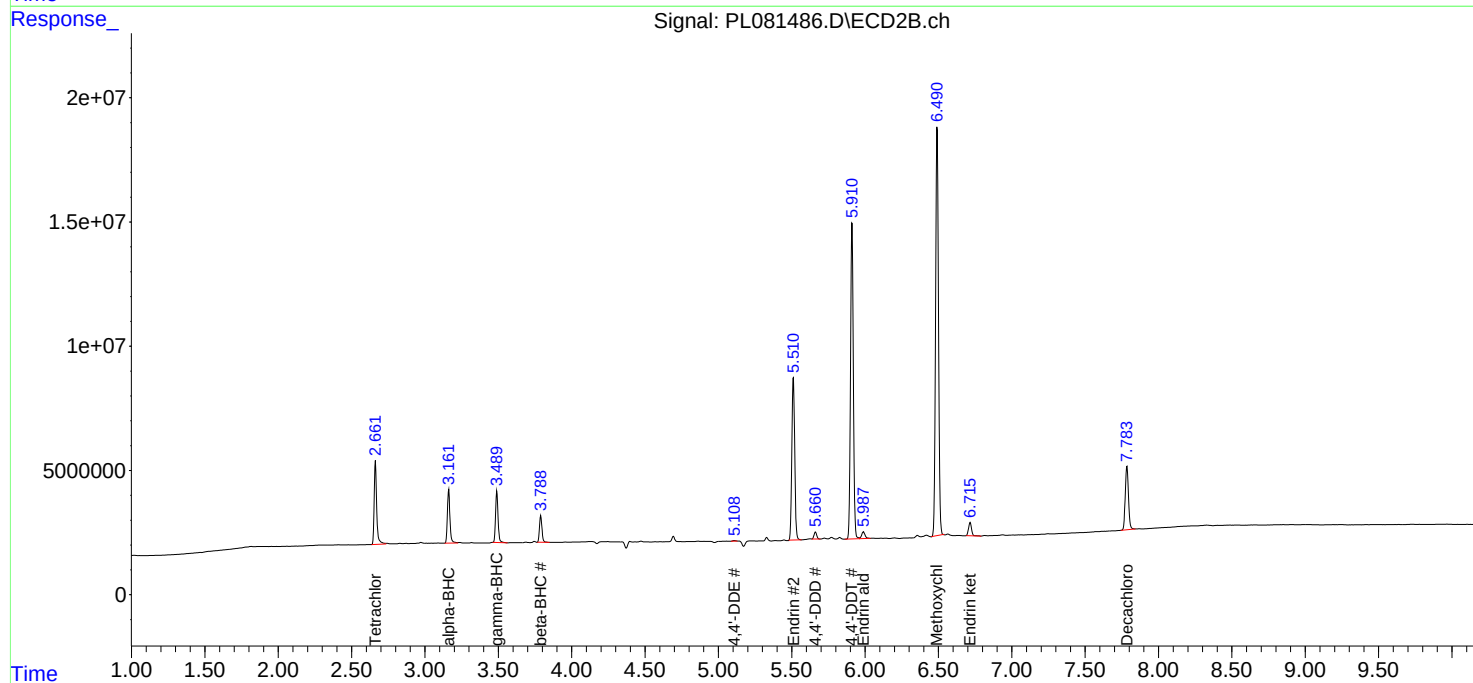
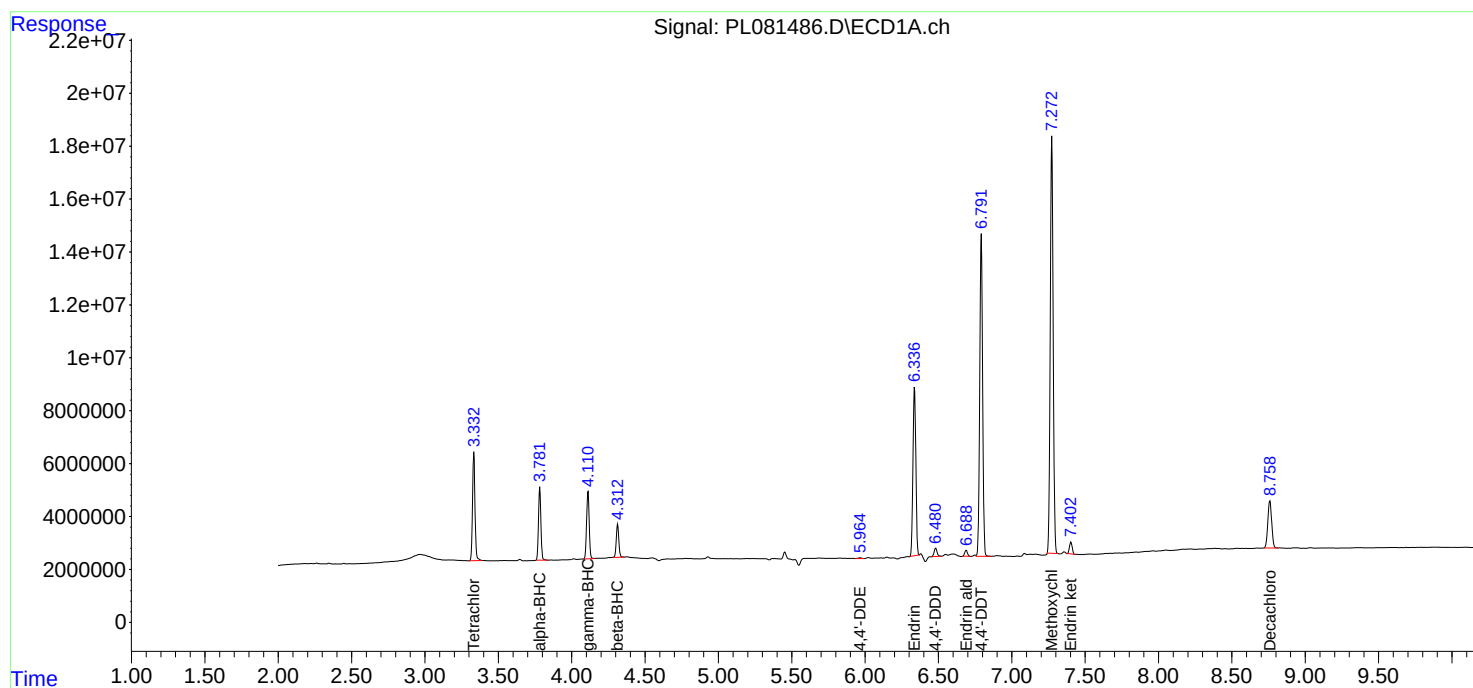
Instrument :
ECD_L
ClientSampleId :
PEM

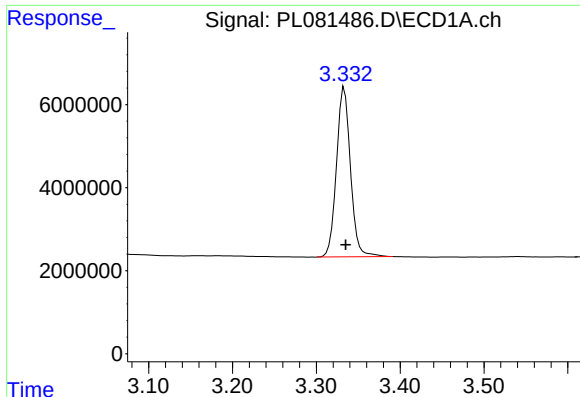
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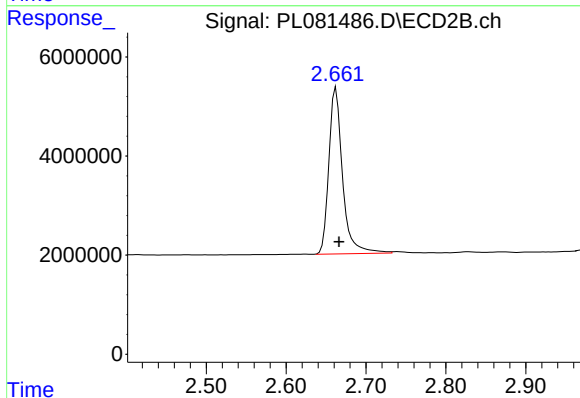
#1 Tetrachloro-m-xylene

R.T.: 3.334 min
Delta R.T.: -0.001 min
Response: 47399514
Conc: 21.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

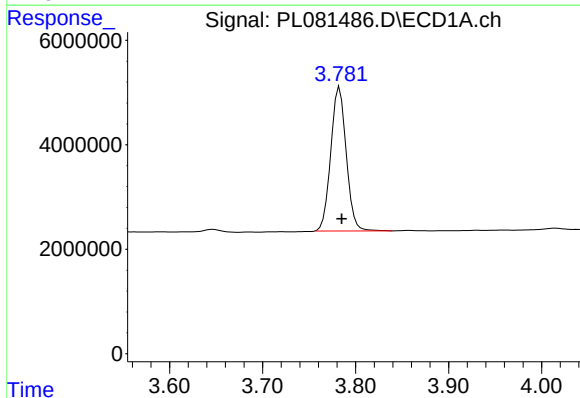
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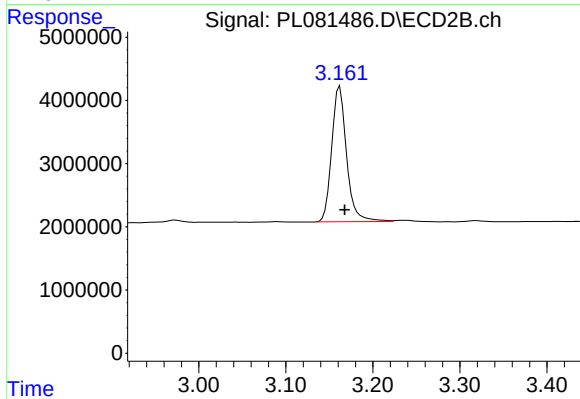
#1 Tetrachloro-m-xylene

R.T.: 2.662 min
Delta R.T.: -0.004 min
Response: 39985508
Conc: 19.76 ng/ml



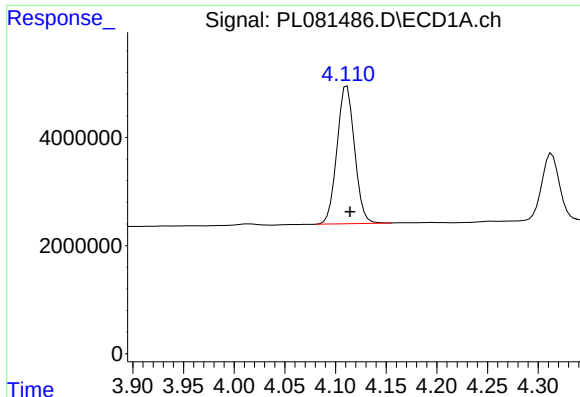
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: -0.003 min
Response: 31852288
Conc: 10.01 ng/ml



#2 alpha-BHC

R.T.: 3.162 min
Delta R.T.: -0.006 min
Response: 25464086
Conc: 8.69 ng/ml



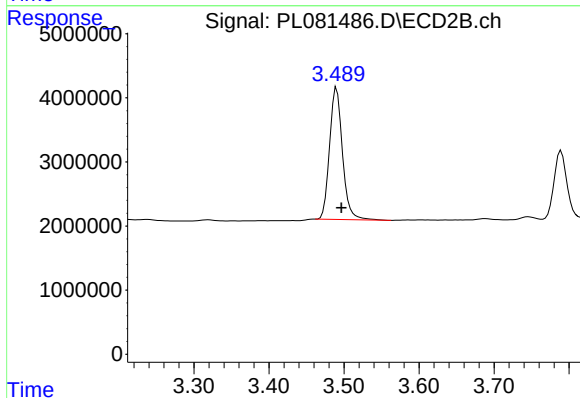
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: -0.003 min
Response: 30796610
Conc: 10.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

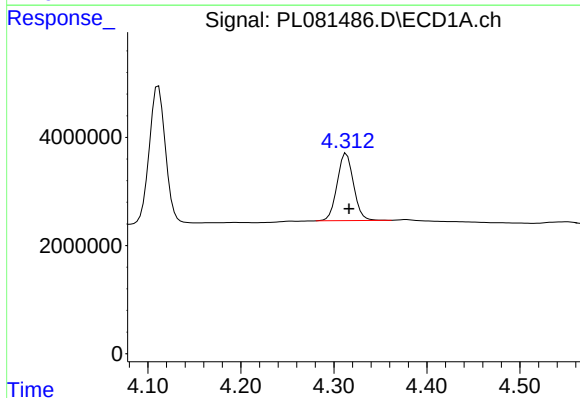
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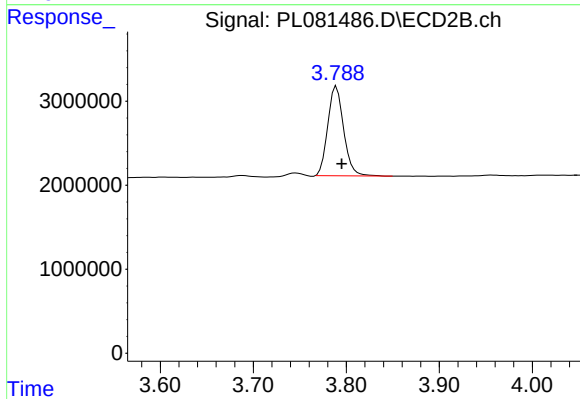
#3 gamma-BHC (Lindane)

R.T.: 3.490 min
Delta R.T.: -0.006 min
Response: 24571721
Conc: 8.93 ng/ml



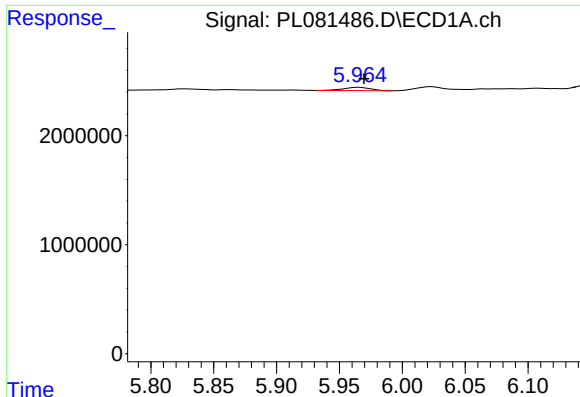
#6 beta-BHC

R.T.: 4.314 min
Delta R.T.: -0.003 min
Response: 15231073
Conc: 11.07 ng/ml



#6 beta-BHC

R.T.: 3.789 min
Delta R.T.: -0.006 min
Response: 12672544
Conc: 10.92 ng/ml



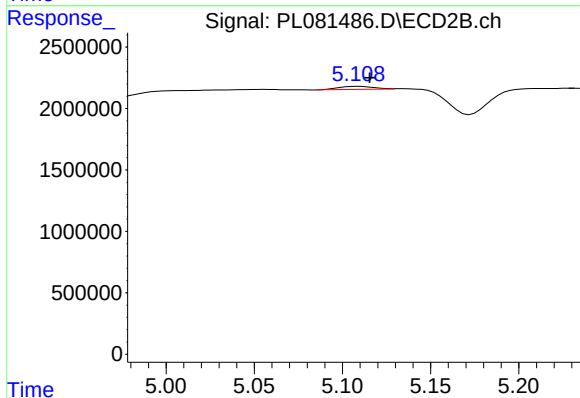
#12 4,4'-DDE

R.T.: 5.966 min
Delta R.T.: -0.004 min
Response: 448170
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

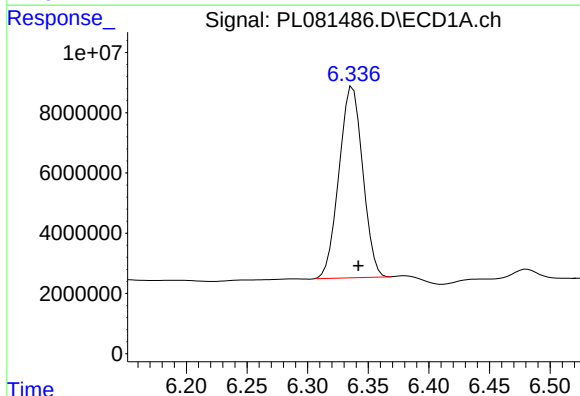
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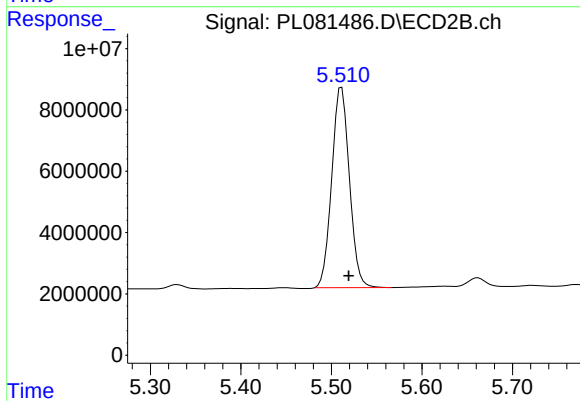
#12 4,4'-DDE

R.T.: 5.108 min
Delta R.T.: -0.008 min
Response: 355363
Conc: 0.18 ng/ml m



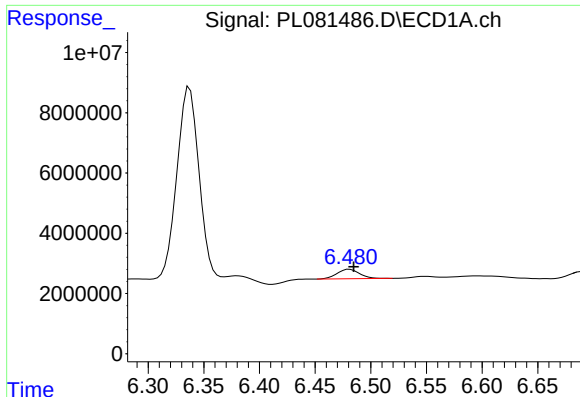
#14 Endrin

R.T.: 6.337 min
Delta R.T.: -0.005 min
Response: 86429070
Conc: 47.55 ng/ml



#14 Endrin

R.T.: 5.511 min
Delta R.T.: -0.008 min
Response: 88703968
Conc: 44.14 ng/ml



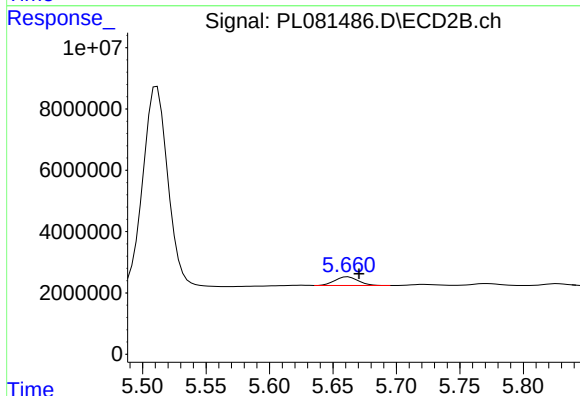
#16 4,4'-DDD

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 4430940
Conc: 2.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

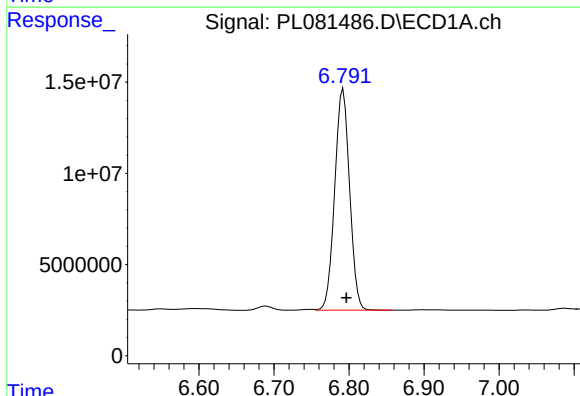
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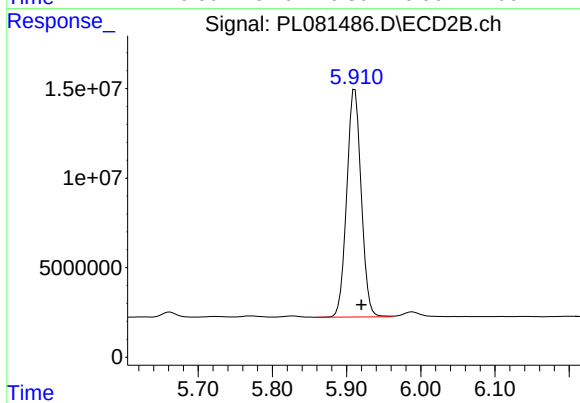
#16 4,4'-DDD

R.T.: 5.662 min
Delta R.T.: -0.009 min
Response: 3606643
Conc: 2.35 ng/ml



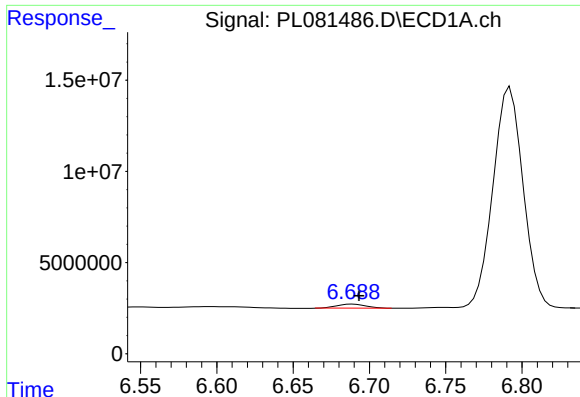
#17 4,4'-DDT

R.T.: 6.792 min
Delta R.T.: -0.004 min
Response: 167416916
Conc: 105.47 ng/ml



#17 4,4'-DDT

R.T.: 5.911 min
Delta R.T.: -0.009 min
Response: 172049339
Conc: 107.24 ng/ml



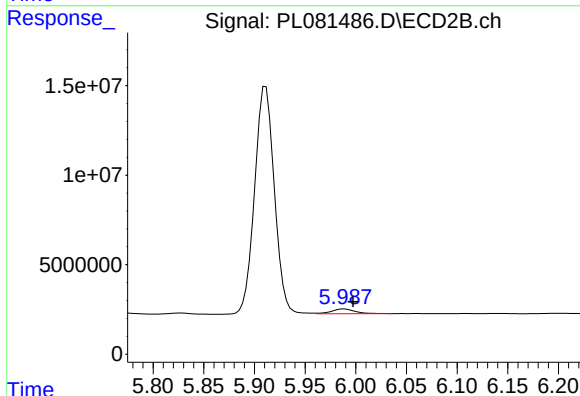
#18 Endrin aldehyde

R.T.: 6.688 min
Delta R.T.: -0.005 min
Response: 2888945
Conc: 2.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

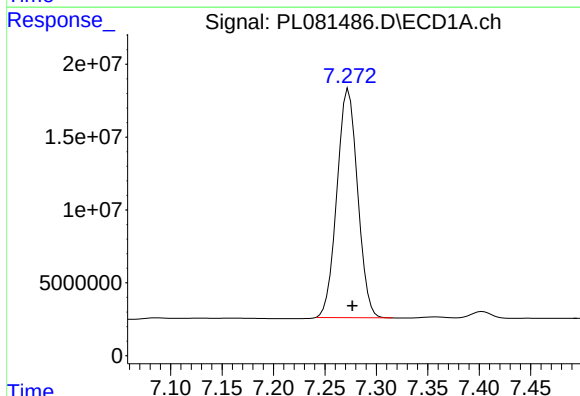
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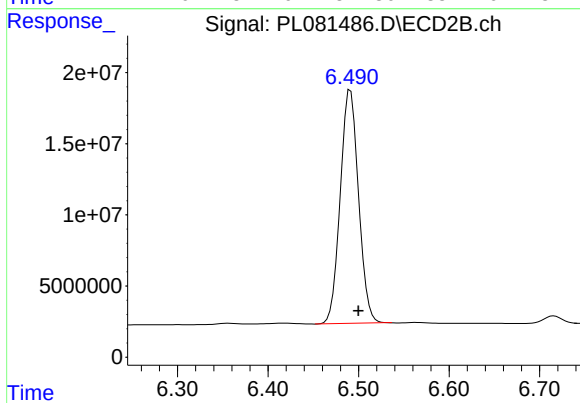
#18 Endrin aldehyde

R.T.: 5.989 min
Delta R.T.: -0.009 min
Response: 4392677
Conc: 2.90 ng/ml



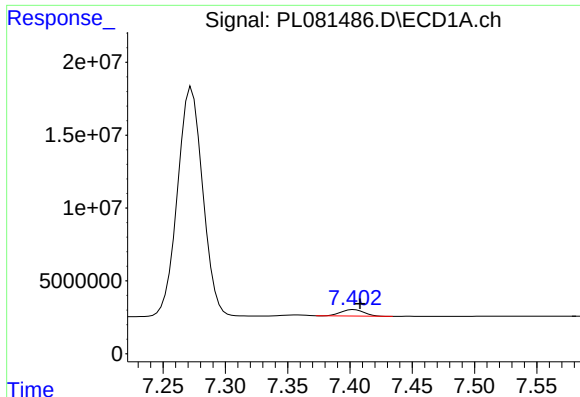
#20 Methoxychlor

R.T.: 7.273 min
Delta R.T.: -0.004 min
Response: 219599717
Conc: 254.94 ng/ml



#20 Methoxychlor

R.T.: 6.490 min
Delta R.T.: -0.010 min
Response: 230174385
Conc: 248.01 ng/ml m



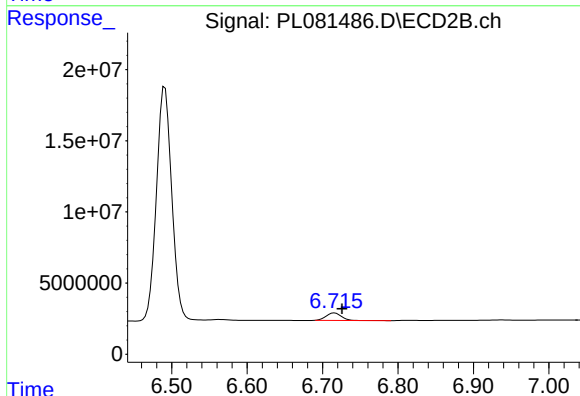
#21 Endrin ketone

R.T.: 7.403 min
Delta R.T.: -0.005 min
Response: 5775991
Conc: 3.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

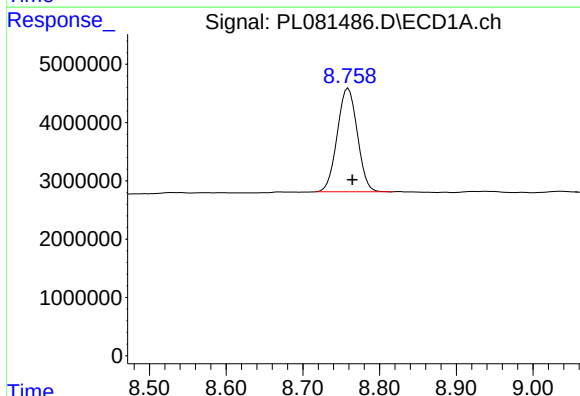
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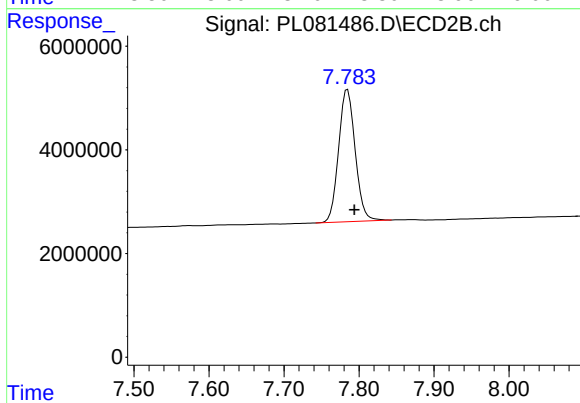
#21 Endrin ketone

R.T.: 6.716 min
Delta R.T.: -0.010 min
Response: 7576980
Conc: 3.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.759 min
Delta R.T.: -0.005 min
Response: 32456648
Conc: 21.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.785 min
Delta R.T.: -0.009 min
Response: 39214462
Conc: 20.47 ng/ml