

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033123\
 Data File : PL081800.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Mar 2023 08:34
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/03/2023
 Supervised By : Ankita Jodhani 04/03/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 21:59:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.329	2.657	50302874	41378637	21.627	20.729
28)	SA Decachlor...	8.750	7.774	37688270	42786457	21.059	21.574
Target Compounds							
2)	A alpha-BHC	3.779	3.155	34351157	26982664	10.020	9.257
3)	MA gamma-BHC...	4.107	3.483	32819161	26067990	10.331	9.363
6)	B beta-BHC	4.310	3.782	16477247	13652073	10.948	11.463
12)	B 4,4'-DDE	5.959	5.097	315650	314641	0.140	0.160m
14)	MA Endrin	6.332	5.502	96660480	102.5E6	45.697	50.636
16)	A 4,4'-DDD	6.475	5.652	5503456	7593180	3.052	5.004 #
17)	MA 4,4'-DDT	6.787	5.902	175.4E6	180.5E6	86.409	104.717
18)	B Endrin al...	6.683	5.979	3095761	4183767	1.892	2.694 #
20)	A Methoxychlor	7.267	6.481	238.6E6	241.9E6	221.534	242.835
21)	B Endrin ke...	7.397	6.706	5336836	6829139	2.548	3.196 #

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

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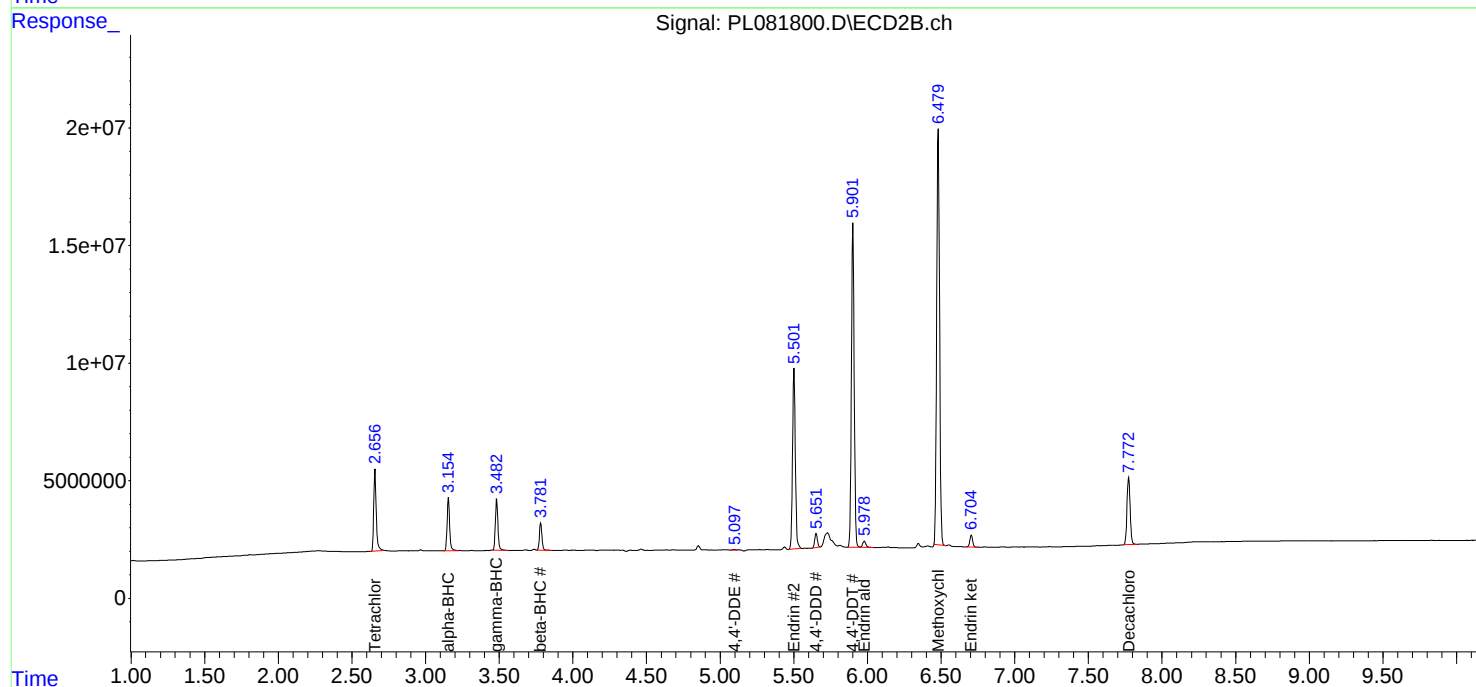
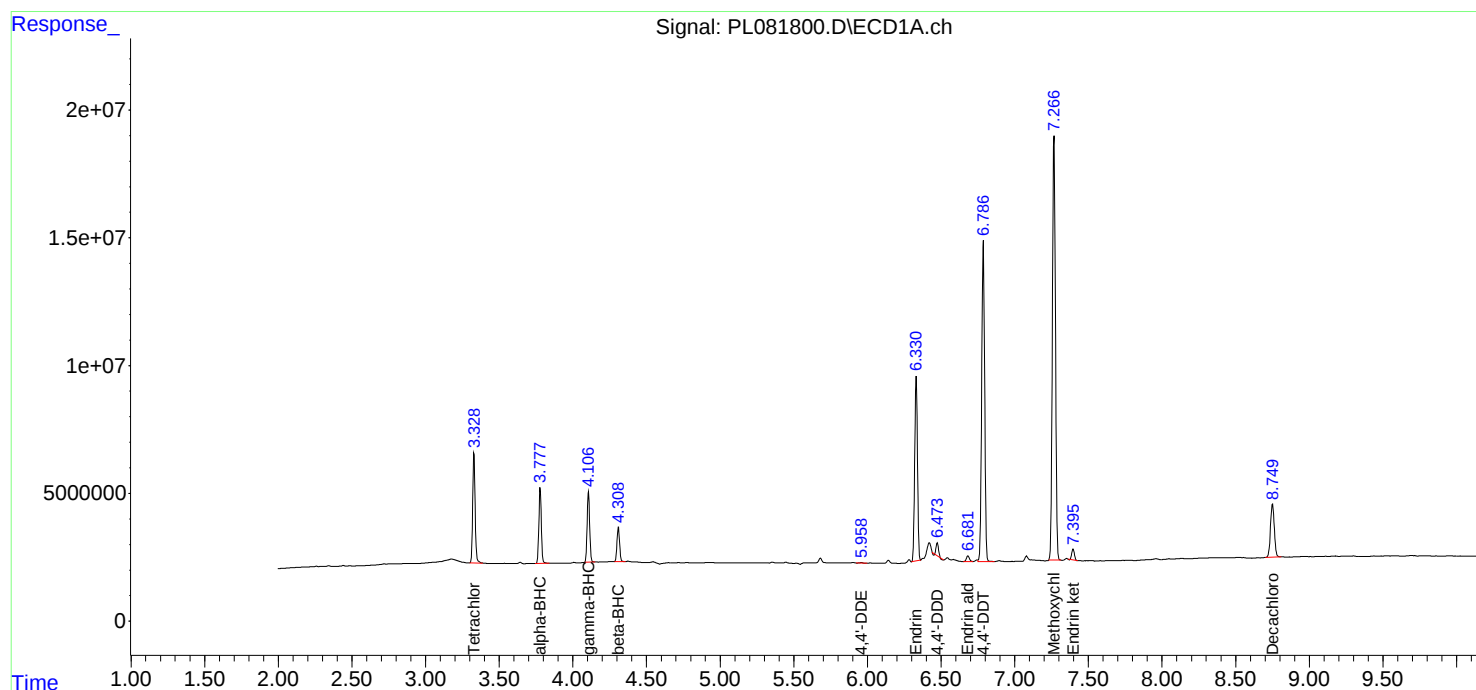
Instrument :
ECD_L
ClientSampleId :
PEM

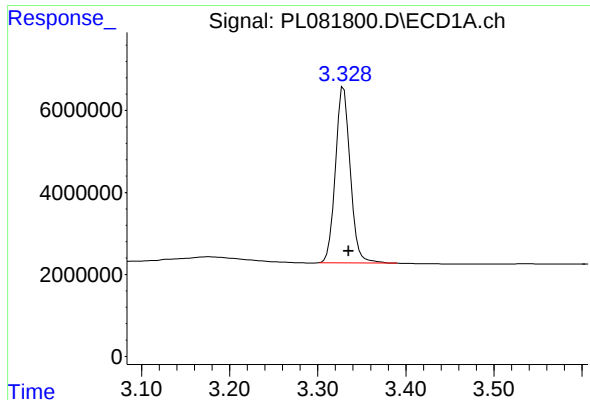
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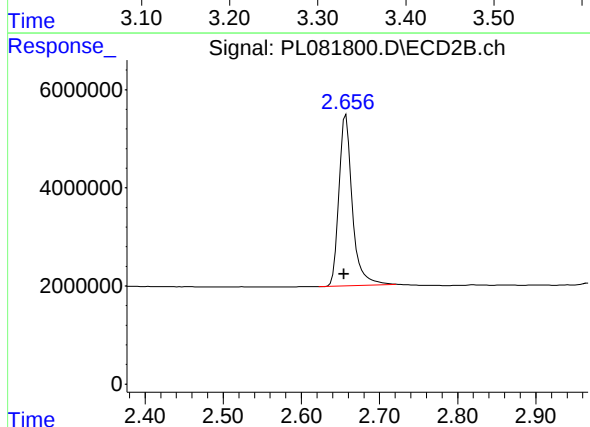
#1 Tetrachloro-m-xylene

R.T.: 3.329 min
Delta R.T.: -0.006 min
Response: 50302874
Conc: 21.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

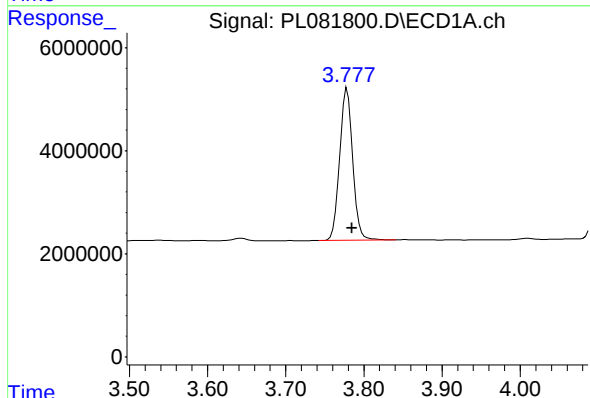
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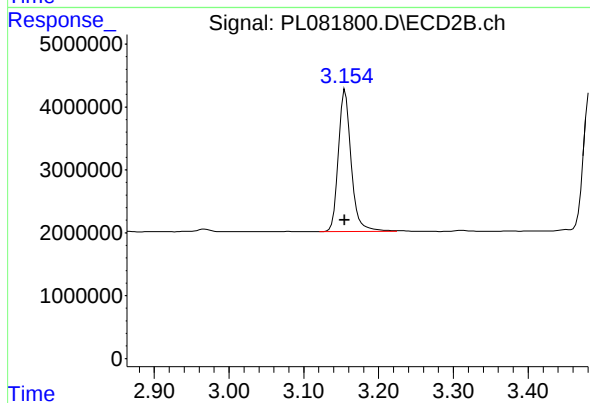
#1 Tetrachloro-m-xylene

R.T.: 2.657 min
Delta R.T.: 0.002 min
Response: 41378637
Conc: 20.73 ng/ml



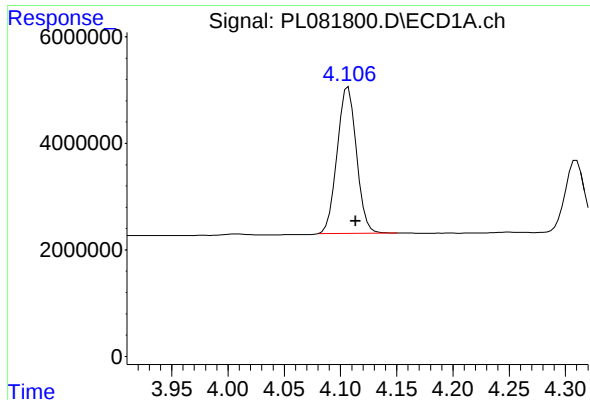
#2 alpha-BHC

R.T.: 3.779 min
Delta R.T.: -0.006 min
Response: 34351157
Conc: 10.02 ng/ml



#2 alpha-BHC

R.T.: 3.155 min
Delta R.T.: 0.000 min
Response: 26982664
Conc: 9.26 ng/ml



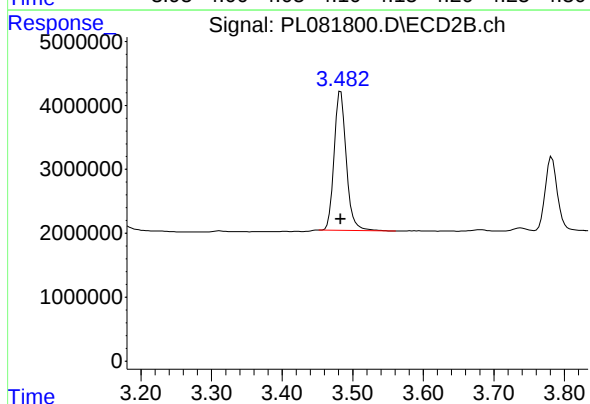
#3 gamma-BHC (Lindane)

R.T.: 4.107 min
Delta R.T.: -0.006 min
Response: 32819161
Conc: 10.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

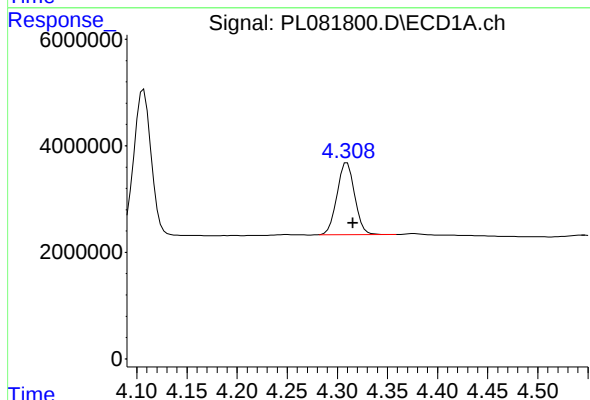
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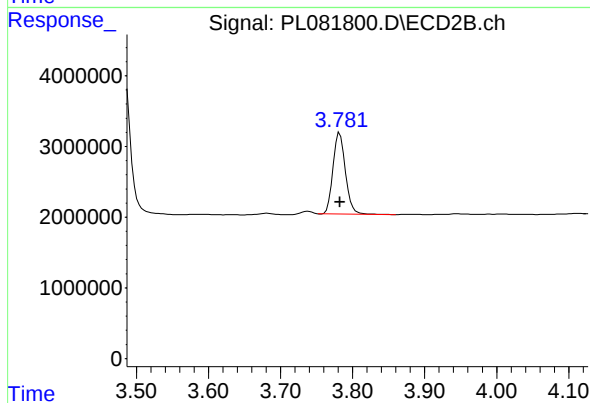
#3 gamma-BHC (Lindane)

R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 26067990
Conc: 9.36 ng/ml



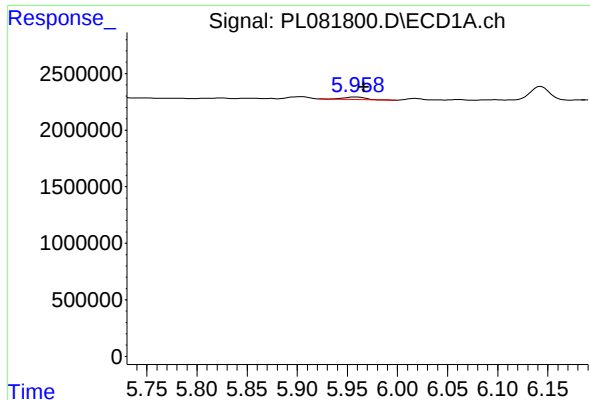
#6 beta-BHC

R.T.: 4.310 min
Delta R.T.: -0.006 min
Response: 16477247
Conc: 10.95 ng/ml



#6 beta-BHC

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 13652073
Conc: 11.46 ng/ml



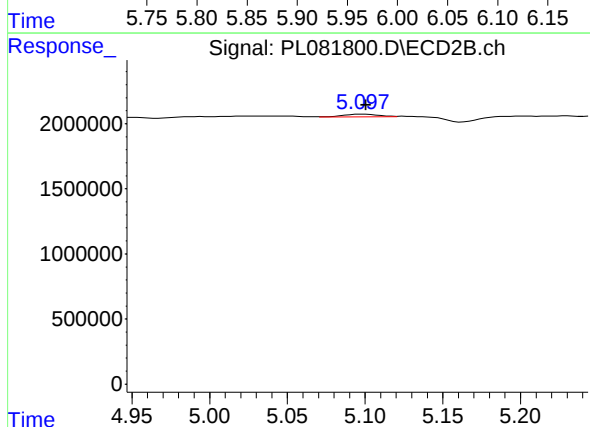
#12 4,4'-DDE

R.T.: 5.959 min
Delta R.T.: -0.008 min
Response: 315650
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

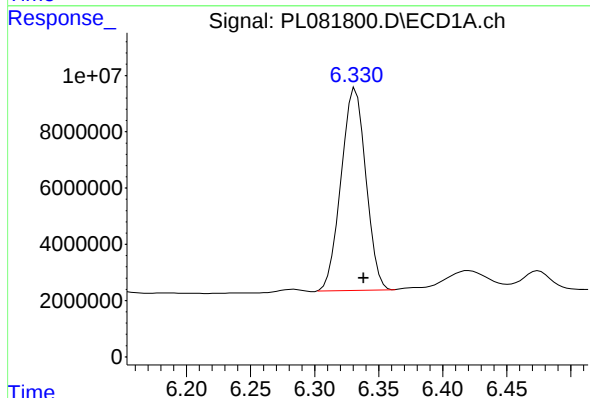
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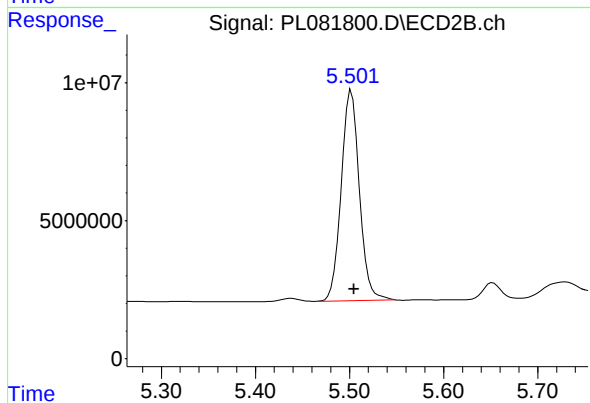
#12 4,4'-DDE

R.T.: 5.097 min
Delta R.T.: -0.004 min
Response: 314641
Conc: 0.16 ng/ml



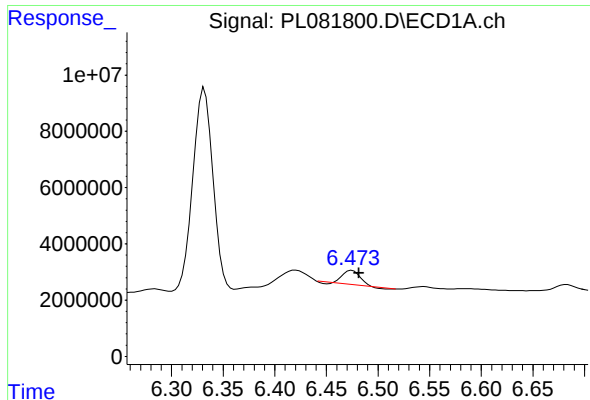
#14 Endrin

R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 96660480
Conc: 45.70 ng/ml



#14 Endrin

R.T.: 5.502 min
Delta R.T.: -0.003 min
Response: 102472035
Conc: 50.64 ng/ml



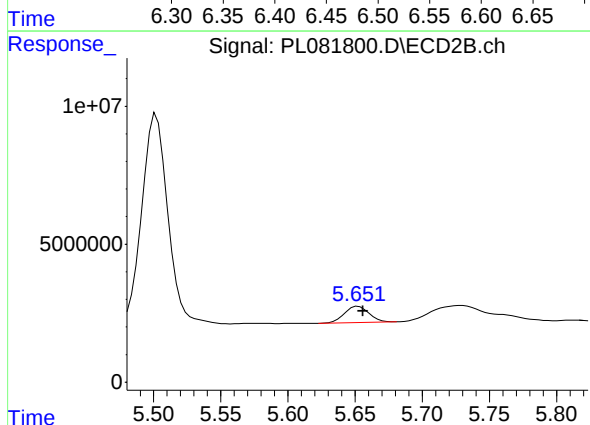
#16 4,4'-DDD

R.T.: 6.475 min
Delta R.T.: -0.007 min
Response: 5503456
Conc: 3.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

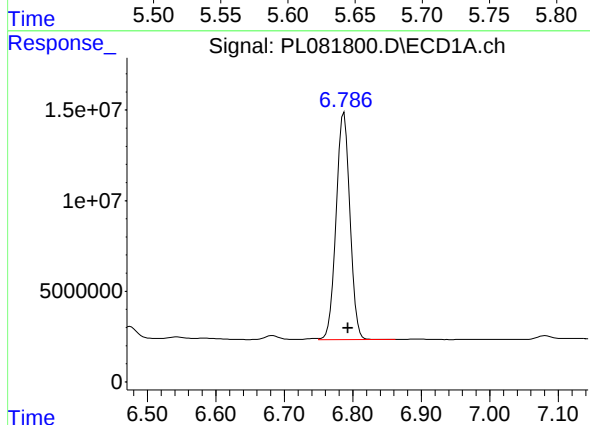
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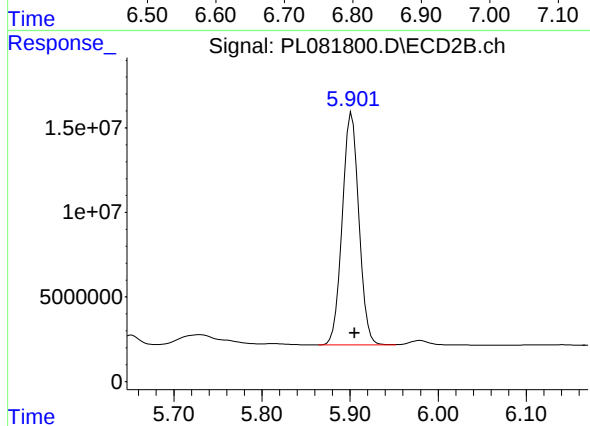
#16 4,4'-DDD

R.T.: 5.652 min
Delta R.T.: -0.004 min
Response: 7593180
Conc: 5.00 ng/ml



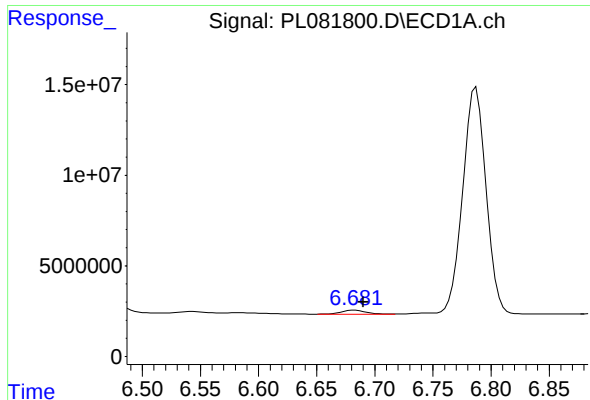
#17 4,4'-DDT

R.T.: 6.787 min
Delta R.T.: -0.006 min
Response: 175378429
Conc: 86.41 ng/ml



#17 4,4'-DDT

R.T.: 5.902 min
Delta R.T.: -0.003 min
Response: 180455730
Conc: 104.72 ng/ml



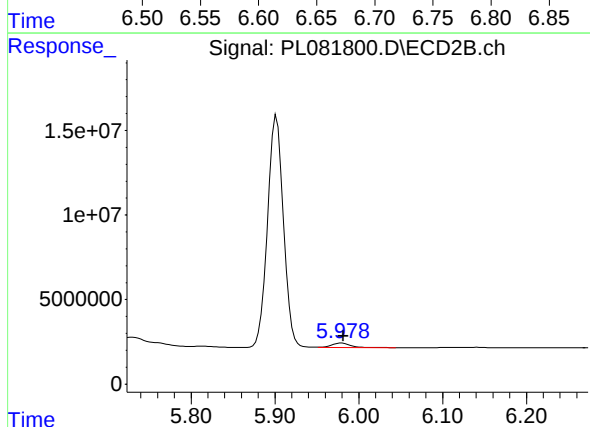
#18 Endrin aldehyde

R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 3095761
Conc: 1.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

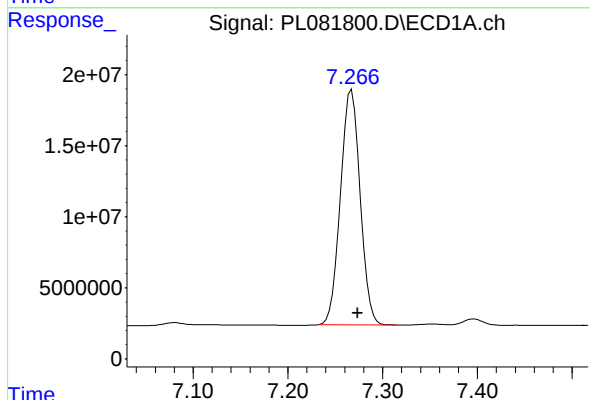
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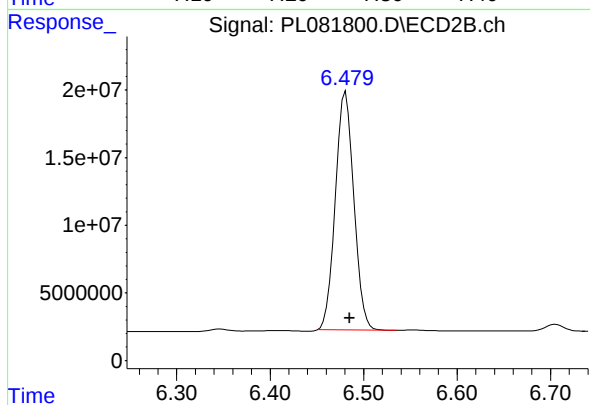
#18 Endrin aldehyde

R.T.: 5.979 min
Delta R.T.: -0.002 min
Response: 4183767
Conc: 2.69 ng/ml



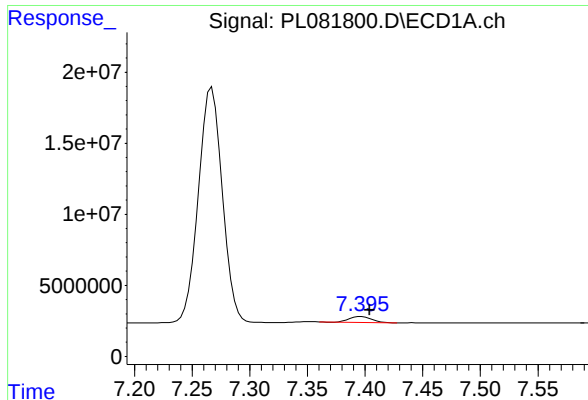
#20 Methoxychlor

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 238568364
Conc: 221.53 ng/ml



#20 Methoxychlor

R.T.: 6.481 min
Delta R.T.: -0.004 min
Response: 241873122
Conc: 242.84 ng/ml



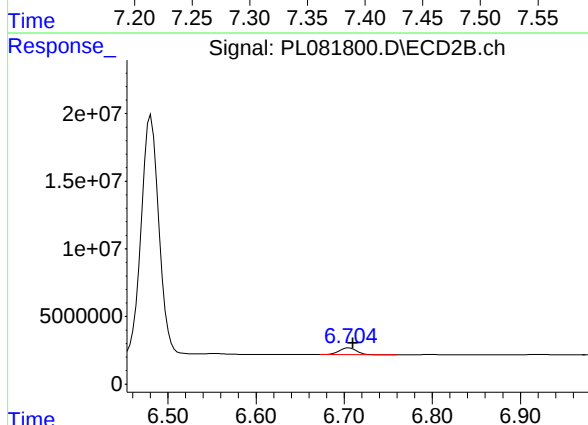
#21 Endrin ketone

R.T.: 7.397 min
Delta R.T.: -0.007 min
Response: 5336836
Conc: 2.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

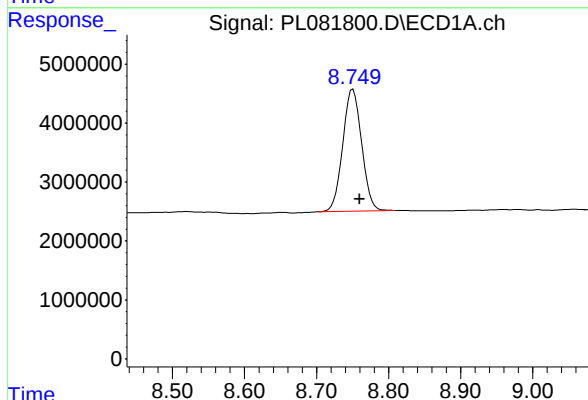
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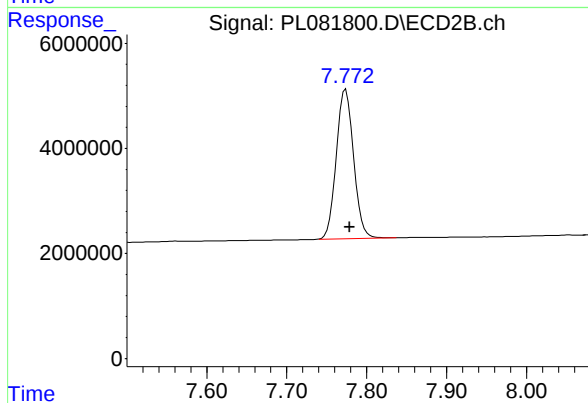
#21 Endrin ketone

R.T.: 6.706 min
Delta R.T.: -0.005 min
Response: 6829139
Conc: 3.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.750 min
Delta R.T.: -0.009 min
Response: 37688270
Conc: 21.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.774 min
Delta R.T.: -0.005 min
Response: 42786457
Conc: 21.57 ng/ml