

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030323\
 Data File : PL081234.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Mar 2023 09:12
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/06/2023
 Supervised By : Ankita Jodhani 03/06/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 03 20:44:39 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...	3.335	2.666	43221739	38598171	20.005	19.072
28)	SA Decachlor...	8.762	7.791	32760215	40364320	21.489	21.072
Target Compounds							
2)	A alpha-BHC	3.785	3.167	29022366	25259208	9.123	8.619
3)	MA gamma-BHC...	4.113	3.495	28041808	24205438	9.478	8.799
6)	B beta-BHC	4.316	3.794	14090097	12473925	10.236	10.748
12)	B 4,4'-DDE	5.968	5.113	354382	299885	0.181	0.153m
14)	MA Endrin	6.340	5.518	83922184	92409787	46.175	45.983
16)	A 4,4'-DDD	6.483	5.668	6241753	5789483	4.055	3.774
17)	MA 4,4'-DDT	6.795	5.918	152.5E6	169.2E6	96.072	105.490
18)	B Endrin al...	6.690	5.996	2451903	3972966	1.713m	2.622 #
20)	A Methoxychlor	7.275	6.498	210.0E6	234.3E6	243.827	252.421
21)	B Endrin ke...	7.406	6.722	4687341	6600225	2.584	3.065

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

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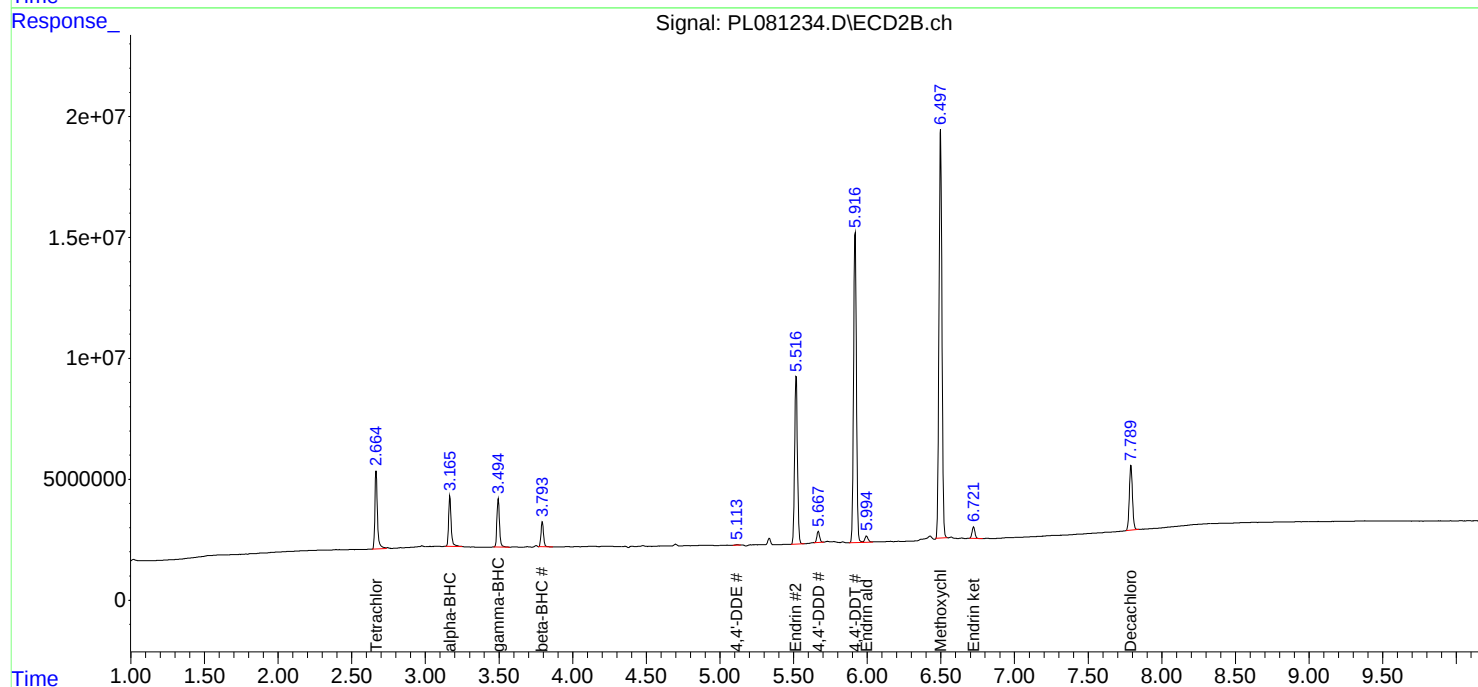
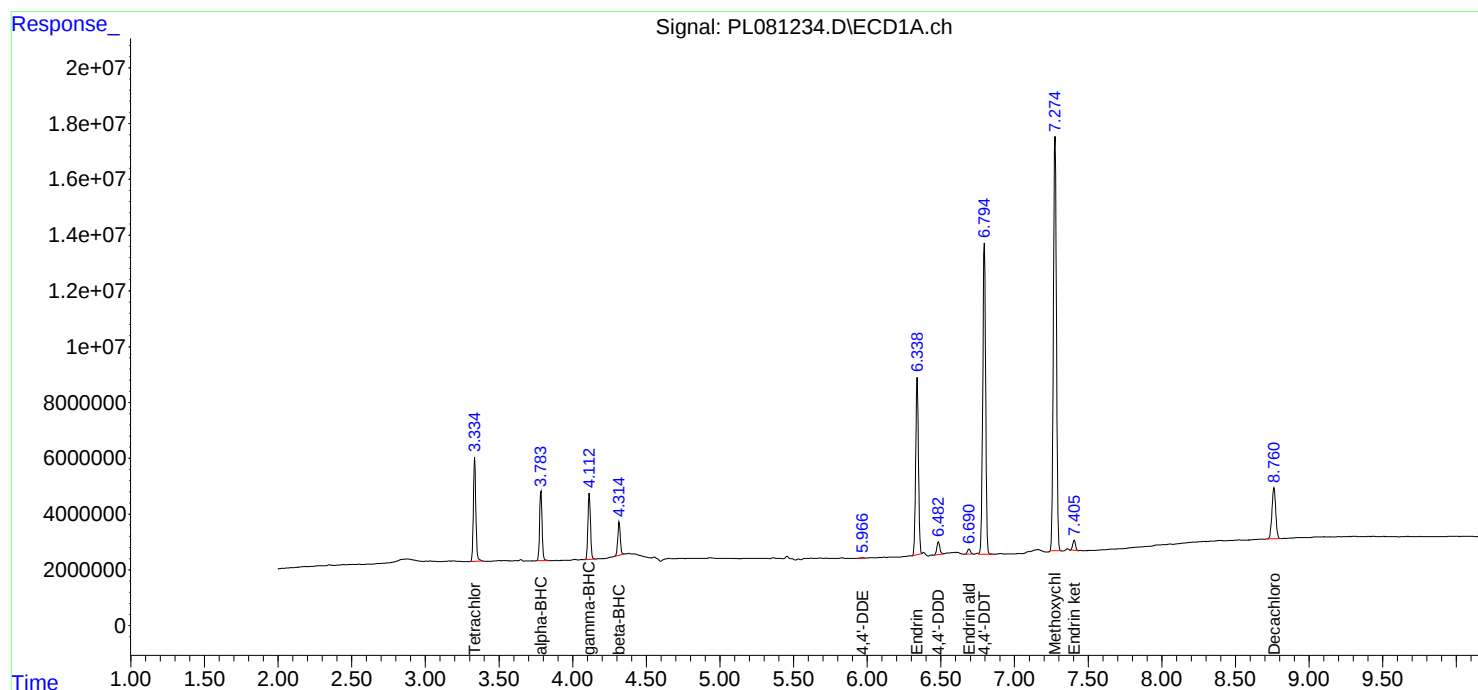
Instrument :
ECD_L
ClientSampleId :
PEM

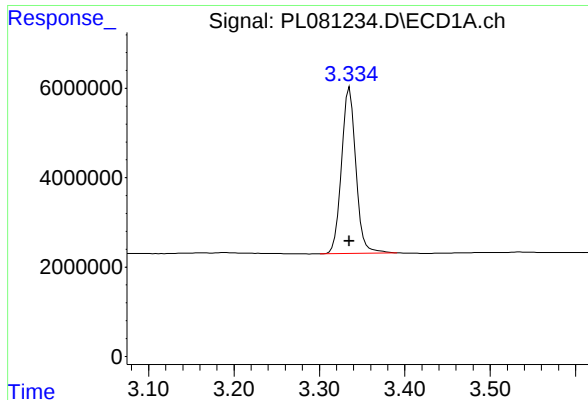
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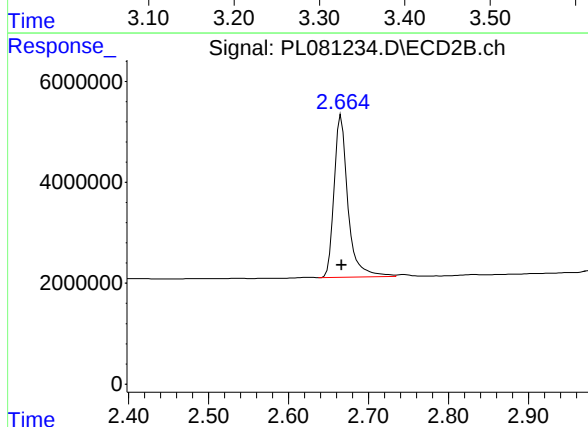
#1 Tetrachloro-m-xylene

R.T.: 3.335 min
Delta R.T.: 0.000 min
Response: 43221739
Conc: 20.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

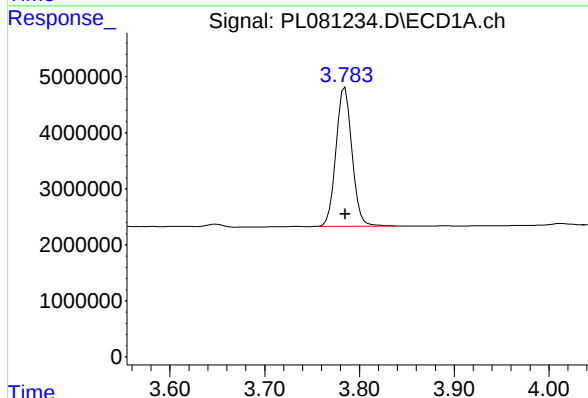
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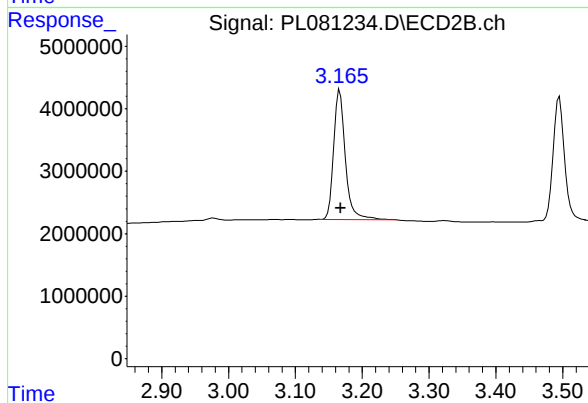
#1 Tetrachloro-m-xylene

R.T.: 2.666 min
Delta R.T.: 0.000 min
Response: 38598171
Conc: 19.07 ng/ml



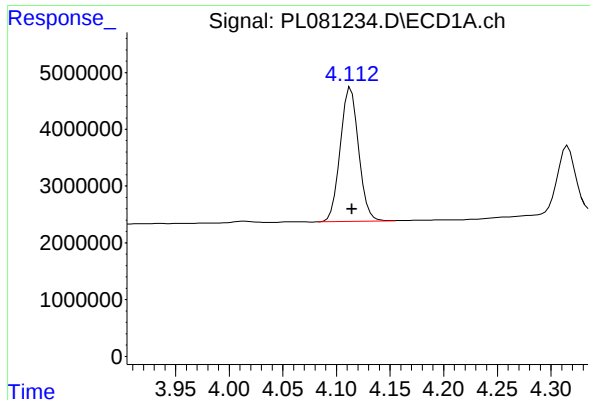
#2 alpha-BHC

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 29022366
Conc: 9.12 ng/ml



#2 alpha-BHC

R.T.: 3.167 min
Delta R.T.: -0.001 min
Response: 25259208
Conc: 8.62 ng/ml



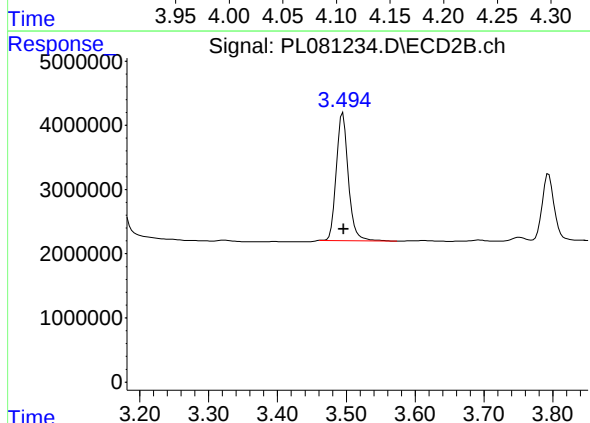
#3 gamma-BHC (Lindane)

R.T.: 4.113 min
Delta R.T.: -0.001 min
Response: 28041808
Conc: 9.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

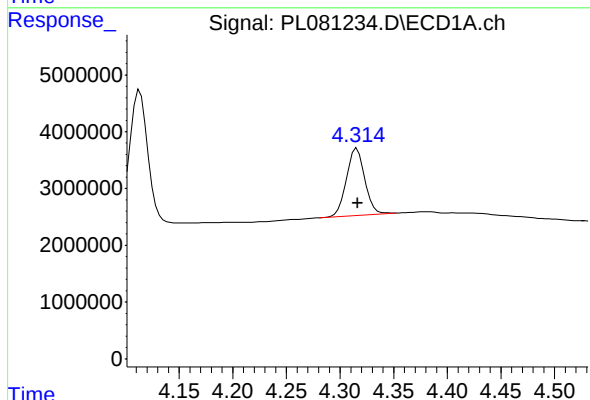
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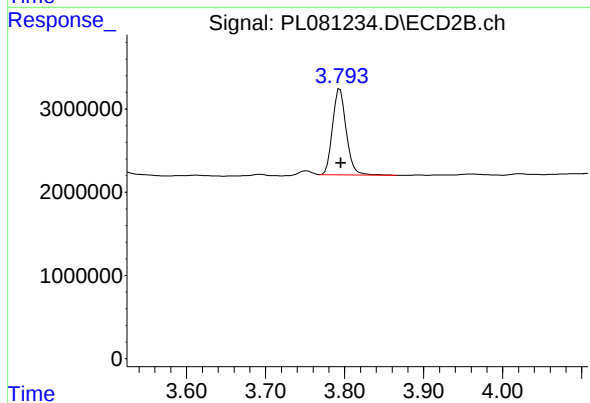
#3 gamma-BHC (Lindane)

R.T.: 3.495 min
Delta R.T.: -0.001 min
Response: 24205438
Conc: 8.80 ng/ml



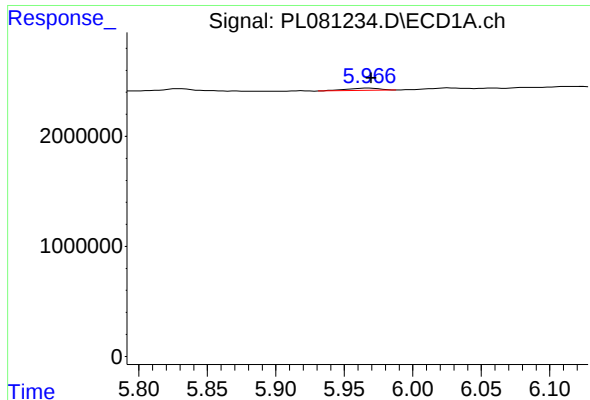
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: 0.000 min
Response: 14090097
Conc: 10.24 ng/ml



#6 beta-BHC

R.T.: 3.794 min
Delta R.T.: -0.001 min
Response: 12473925
Conc: 10.75 ng/ml



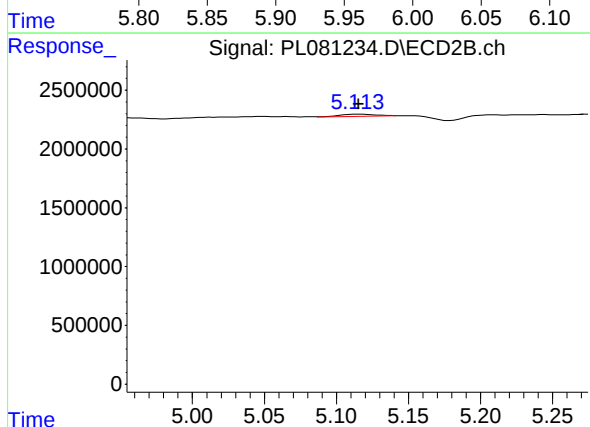
#12 4,4'-DDE

R.T.: 5.968 min
Delta R.T.: -0.002 min
Response: 354382
Conc: 0.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

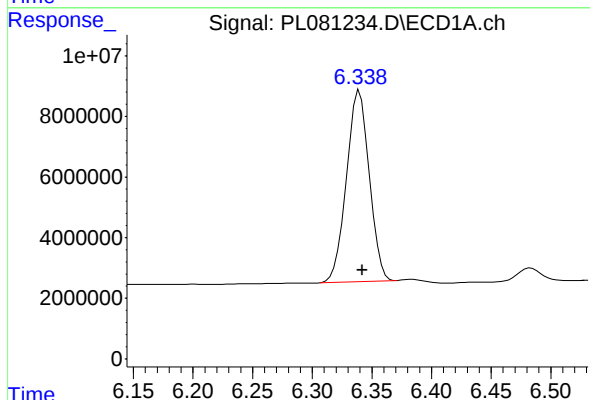
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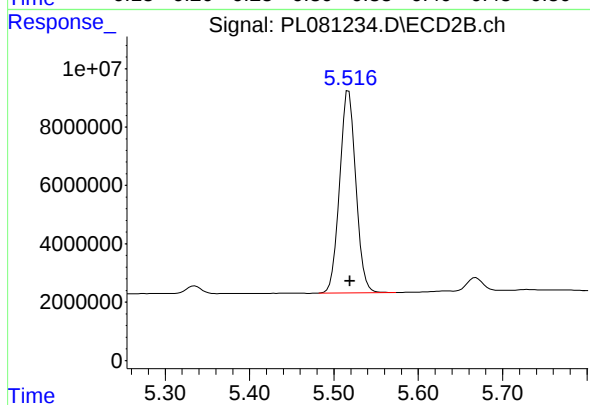
#12 4,4'-DDE

R.T.: 5.113 min
Delta R.T.: -0.003 min
Response: 299885
Conc: 0.15 ng/ml



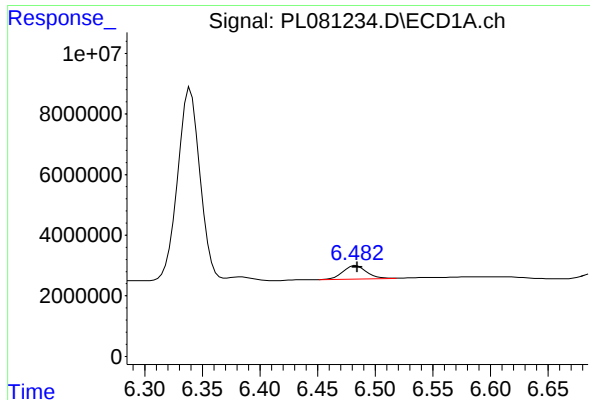
#14 Endrin

R.T.: 6.340 min
Delta R.T.: -0.002 min
Response: 83922184
Conc: 46.18 ng/ml



#14 Endrin

R.T.: 5.518 min
Delta R.T.: -0.002 min
Response: 92409787
Conc: 45.98 ng/ml



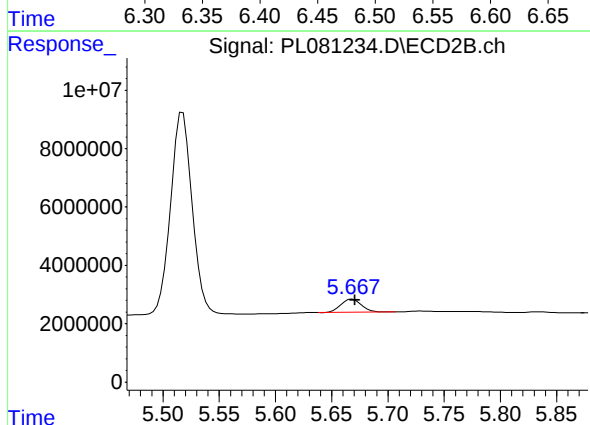
#16 4,4'-DDD

R.T.: 6.483 min
Delta R.T.: -0.002 min
Response: 6241753
Conc: 4.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

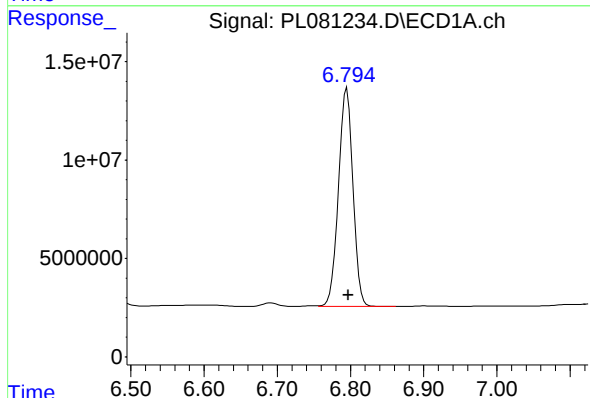
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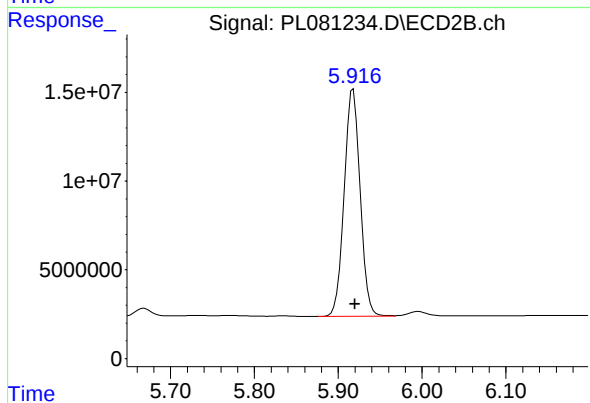
#16 4,4'-DDD

R.T.: 5.668 min
Delta R.T.: -0.002 min
Response: 5789483
Conc: 3.77 ng/ml



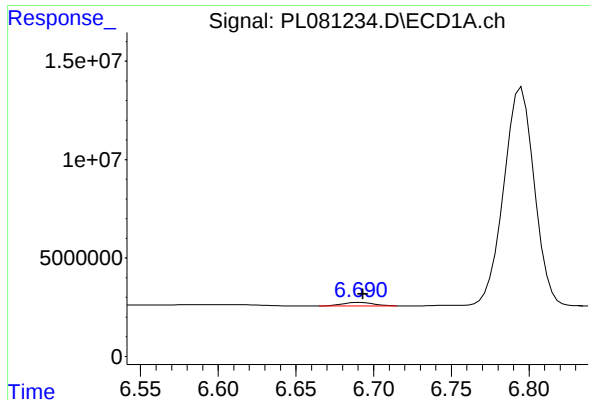
#17 4,4'-DDT

R.T.: 6.795 min
Delta R.T.: -0.002 min
Response: 152495644
Conc: 96.07 ng/ml



#17 4,4'-DDT

R.T.: 5.918 min
Delta R.T.: -0.002 min
Response: 169239380
Conc: 105.49 ng/ml



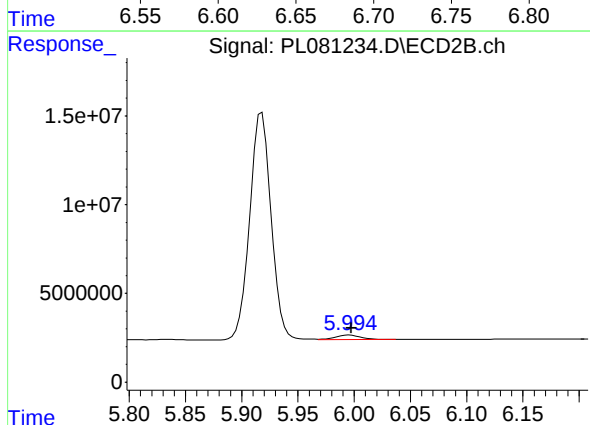
#18 Endrin aldehyde

R.T.: 6.690 min
Delta R.T.: -0.003 min
Response: 2451903
Conc: 1.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

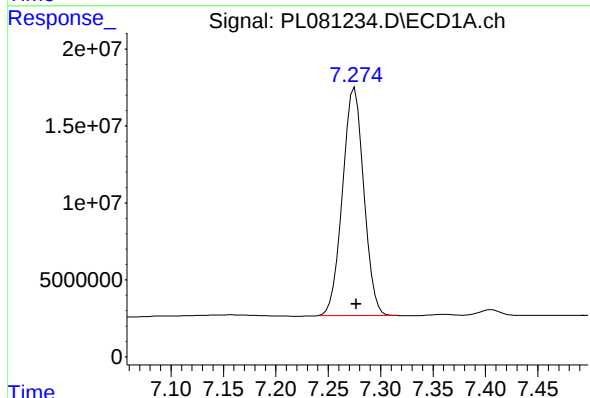
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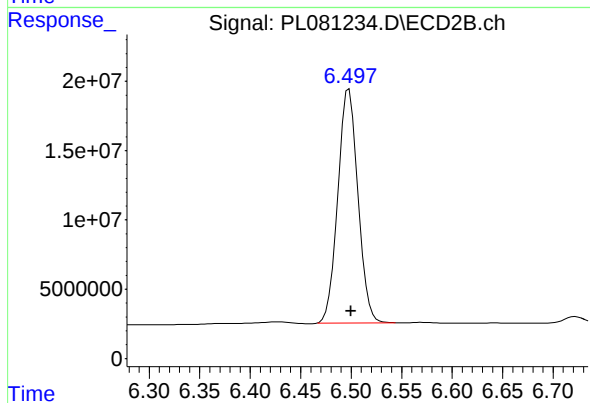
#18 Endrin aldehyde

R.T.: 5.996 min
Delta R.T.: -0.002 min
Response: 3972966
Conc: 2.62 ng/ml



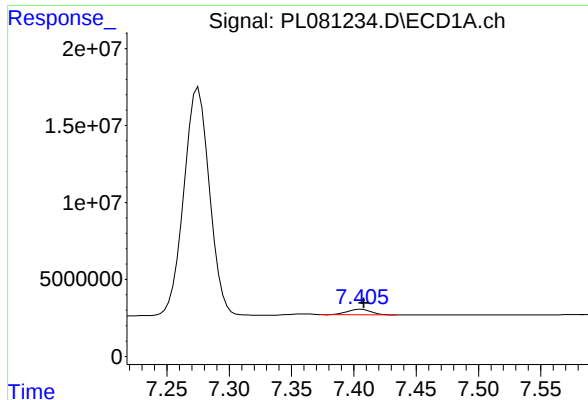
#20 Methoxychlor

R.T.: 7.275 min
Delta R.T.: -0.002 min
Response: 210023612
Conc: 243.83 ng/ml



#20 Methoxychlor

R.T.: 6.498 min
Delta R.T.: -0.002 min
Response: 234270424
Conc: 252.42 ng/ml



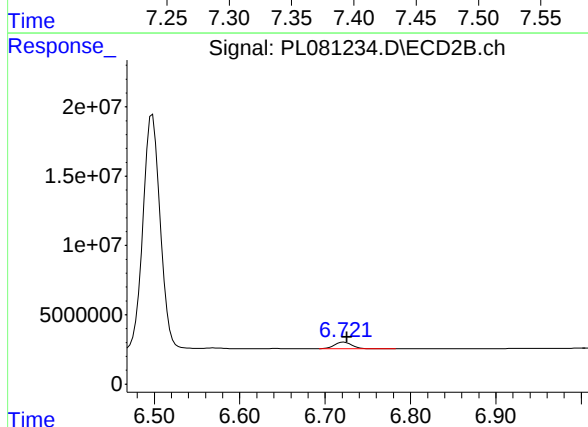
#21 Endrin ketone

R.T.: 7.406 min
Delta R.T.: -0.002 min
Response: 4687341
Conc: 2.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

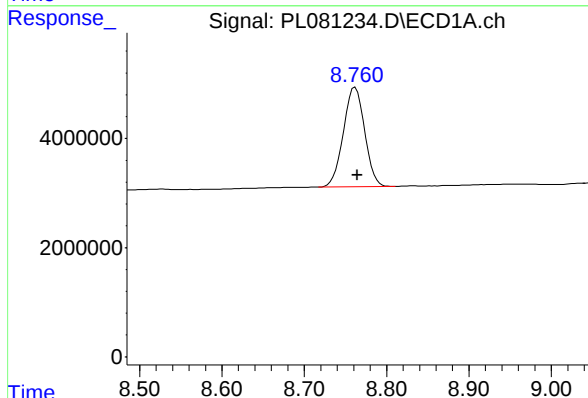
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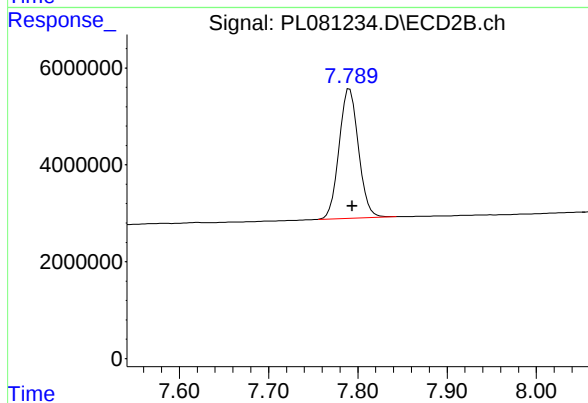
#21 Endrin ketone

R.T.: 6.722 min
Delta R.T.: -0.003 min
Response: 6600225
Conc: 3.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.762 min
Delta R.T.: -0.003 min
Response: 32760215
Conc: 21.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.791 min
Delta R.T.: -0.003 min
Response: 40364320
Conc: 21.07 ng/ml