

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031523\
 Data File : PL081480.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Mar 2023 18:17
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/16/2023
 Supervised By : Ankita Jodhani 03/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 15 22:02:16 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...	3.331	2.661	44165644	40797548	20.442	20.159
28)	SA Decachlor...	8.756	7.783	32141706	40807044	21.083	21.303
Target Compounds							
2)	A alpha-BHC	3.781	3.161	29098080	26754570	9.147	9.129
3)	MA gamma-BHC...	4.109	3.489	28814107	25212851	9.739	9.165
6)	B beta-BHC	4.312	3.788	14360722	12922334	10.433	11.134
12)	B 4,4'-DDE	5.962	5.107	380792	368579	0.195	0.188m
14)	MA Endrin	6.335	5.510	84199789	92961702	46.328	46.258
16)	A 4,4'-DDD	6.478	5.661	3504842	3179692	2.277	2.073
17)	MA 4,4'-DDT	6.790	5.910	164.1E6	180.2E6	103.390	112.324
18)	B Endrin al...	6.685	5.986	2667021	3651104	1.863m	2.410m#
20)	A Methoxychlor	7.269	6.488	218.3E6	242.6E6	253.405m	261.415m
21)	B Endrin ke...	7.401	6.714	5279603	6728246	2.910	3.125

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

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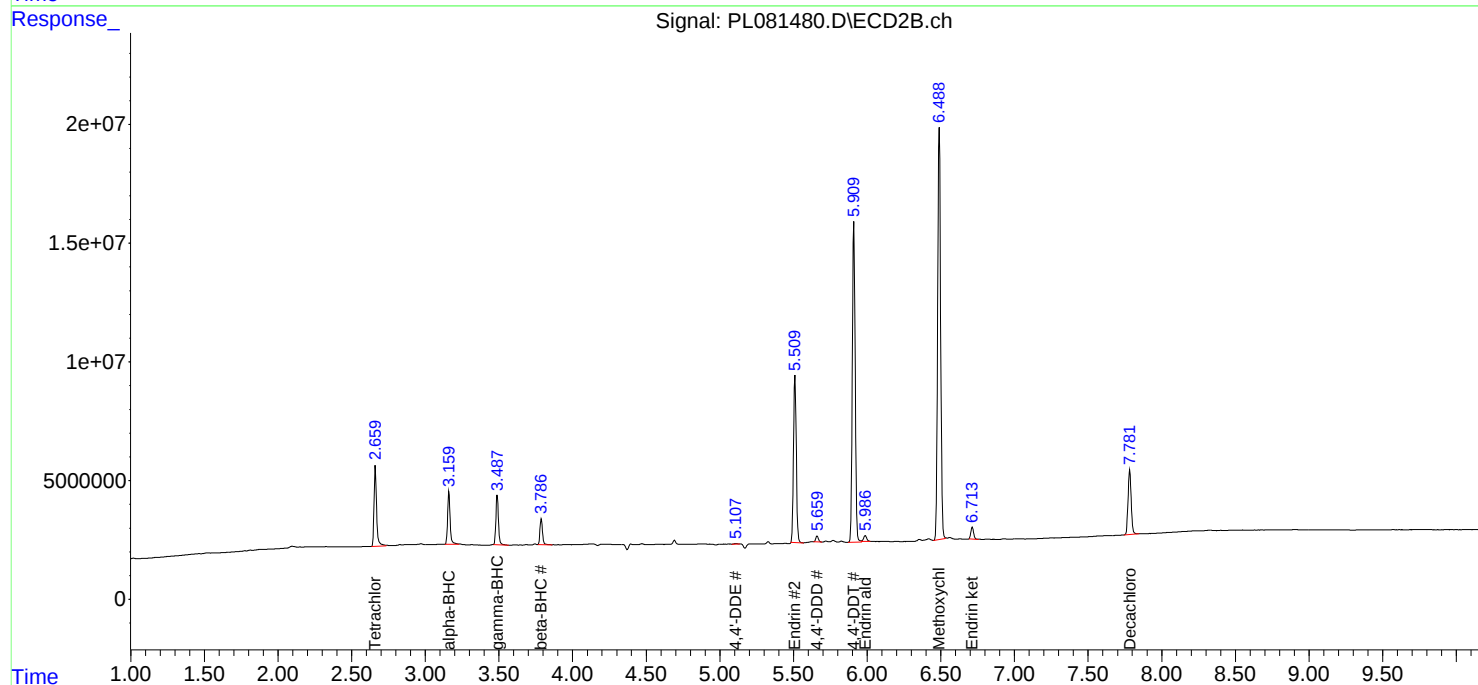
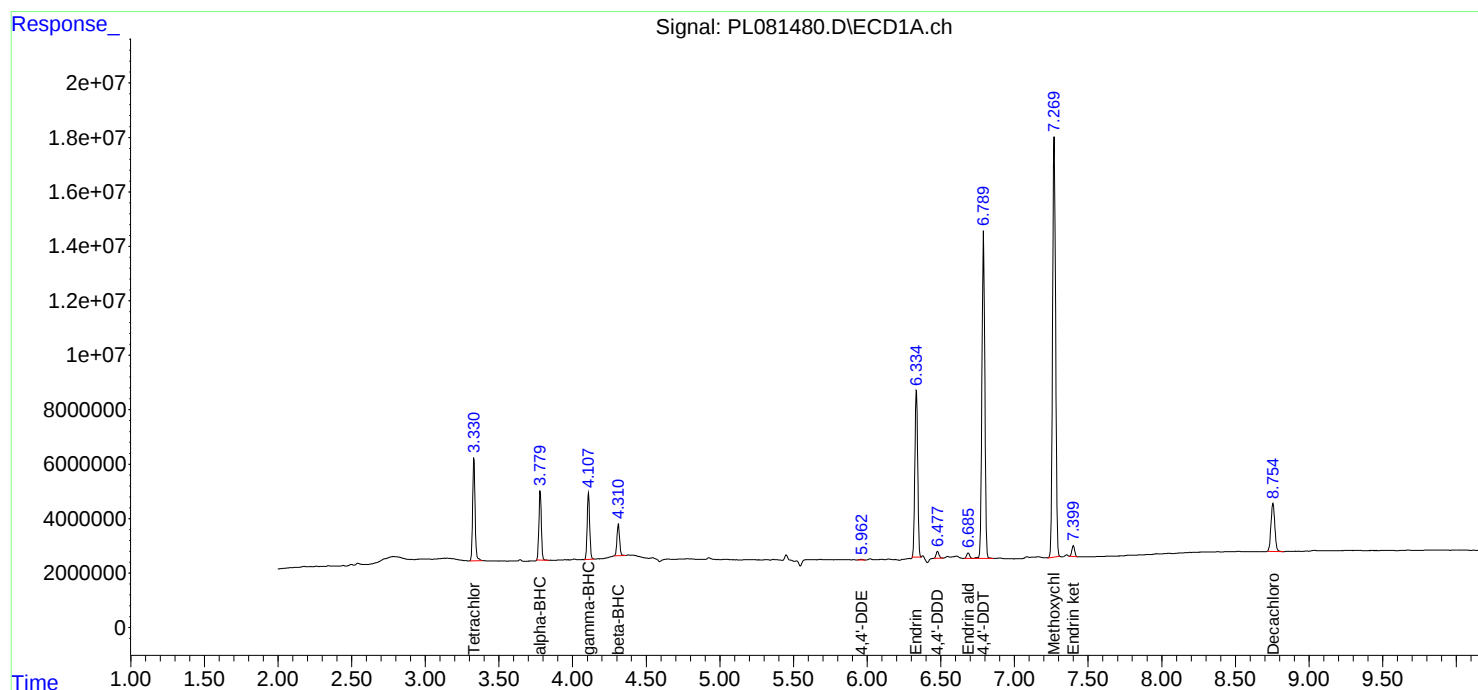
Instrument :
ECD_L
ClientSampleId :
PEM

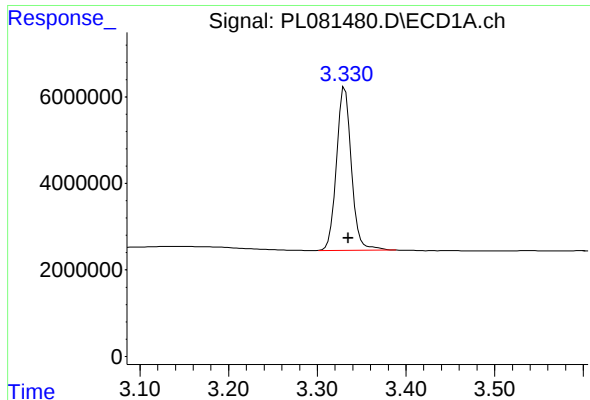
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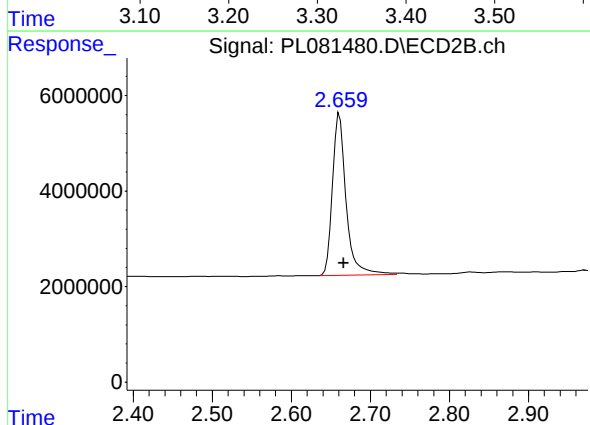
#1 Tetrachloro-m-xylene

R.T.: 3.331 min
Delta R.T.: -0.004 min
Response: 44165644
Conc: 20.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

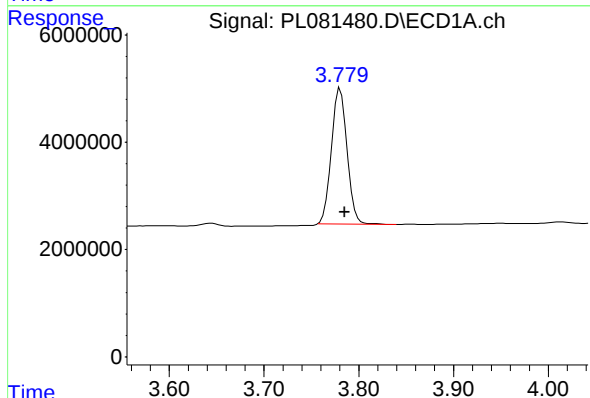
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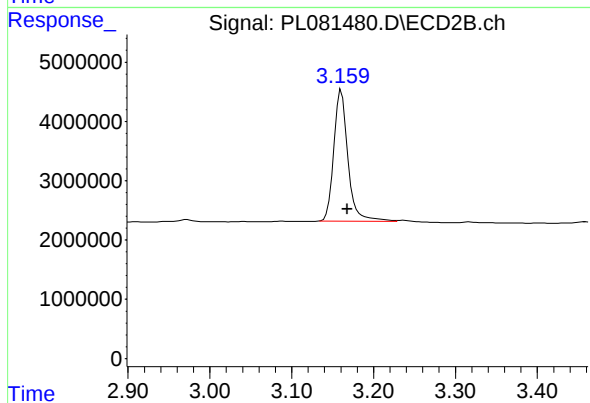
#1 Tetrachloro-m-xylene

R.T.: 2.661 min
Delta R.T.: -0.005 min
Response: 40797548
Conc: 20.16 ng/ml



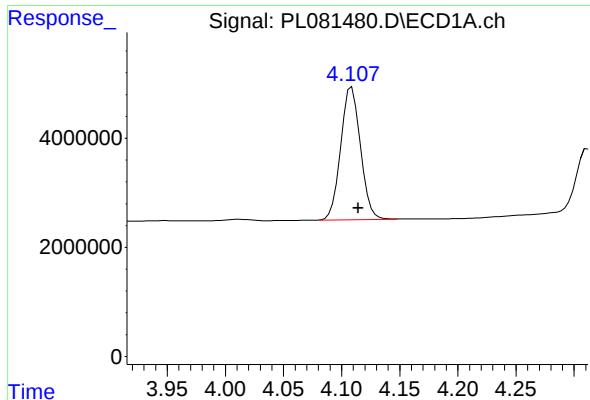
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: -0.005 min
Response: 29098080
Conc: 9.15 ng/ml



#2 alpha-BHC

R.T.: 3.161 min
Delta R.T.: -0.007 min
Response: 26754570
Conc: 9.13 ng/ml



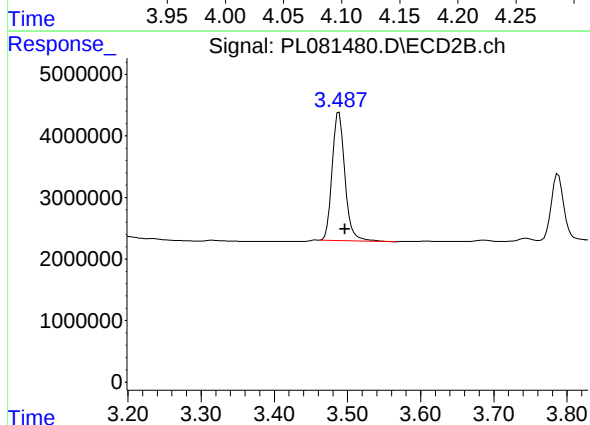
#3 gamma-BHC (Lindane)

R.T.: 4.109 min
Delta R.T.: -0.006 min
Response: 28814107
Conc: 9.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

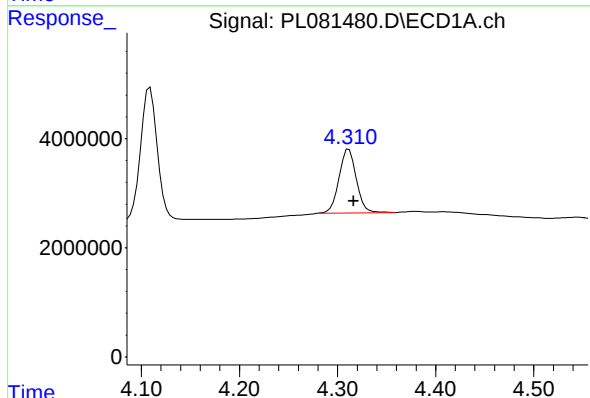
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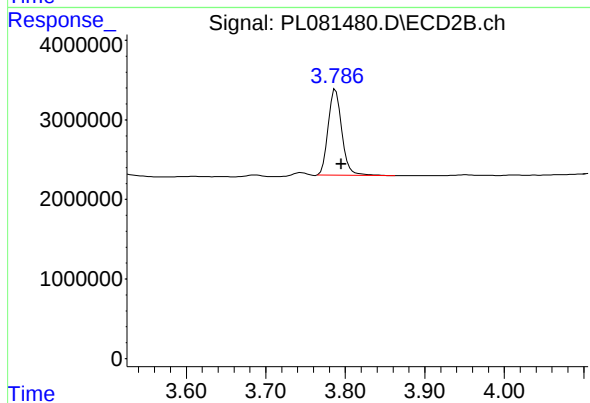
#3 gamma-BHC (Lindane)

R.T.: 3.489 min
Delta R.T.: -0.008 min
Response: 25212851
Conc: 9.16 ng/ml



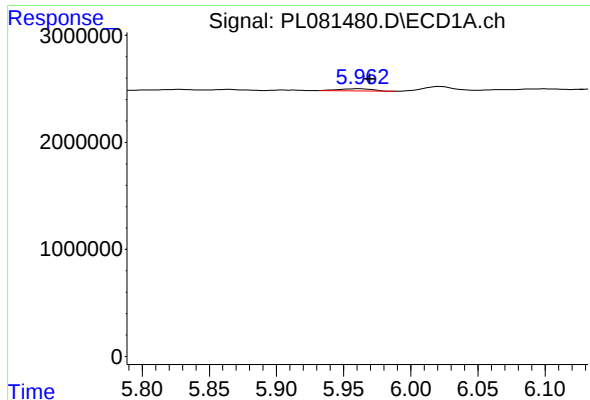
#6 beta-BHC

R.T.: 4.312 min
Delta R.T.: -0.005 min
Response: 14360722
Conc: 10.43 ng/ml



#6 beta-BHC

R.T.: 3.788 min
Delta R.T.: -0.008 min
Response: 12922334
Conc: 11.13 ng/ml



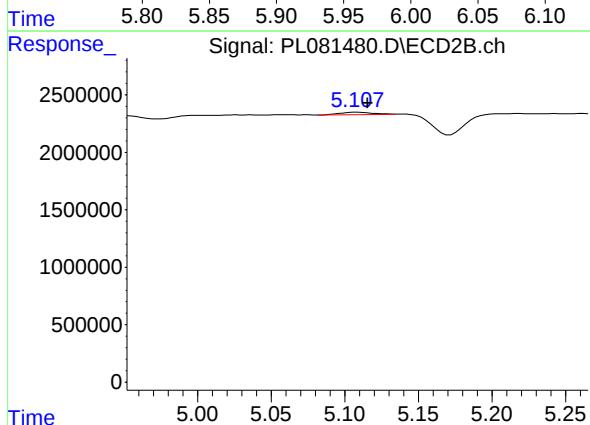
#12 4,4'-DDE

R.T.: 5.962 min
Delta R.T.: -0.007 min
Response: 380792
Conc: 0.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

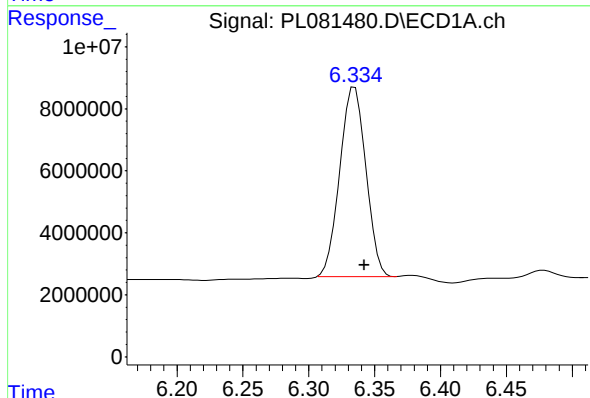
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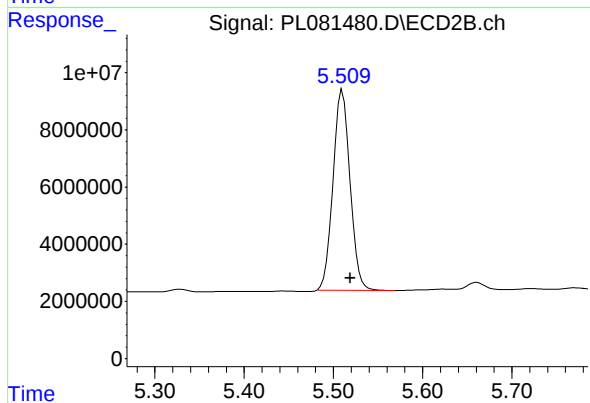
#12 4,4'-DDE

R.T.: 5.107 min
Delta R.T.: -0.009 min
Response: 368579
Conc: 0.19 ng/ml



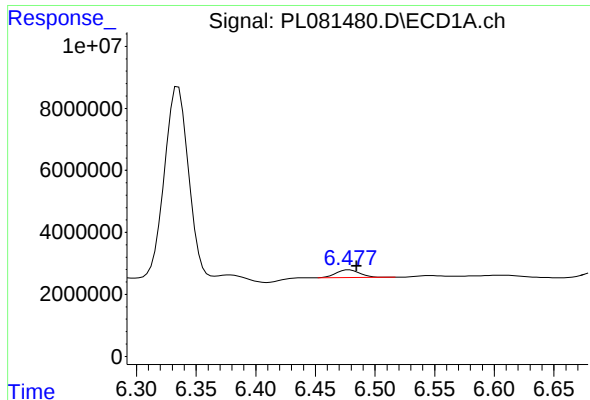
#14 Endrin

R.T.: 6.335 min
Delta R.T.: -0.007 min
Response: 84199789
Conc: 46.33 ng/ml



#14 Endrin

R.T.: 5.510 min
Delta R.T.: -0.009 min
Response: 92961702
Conc: 46.26 ng/ml



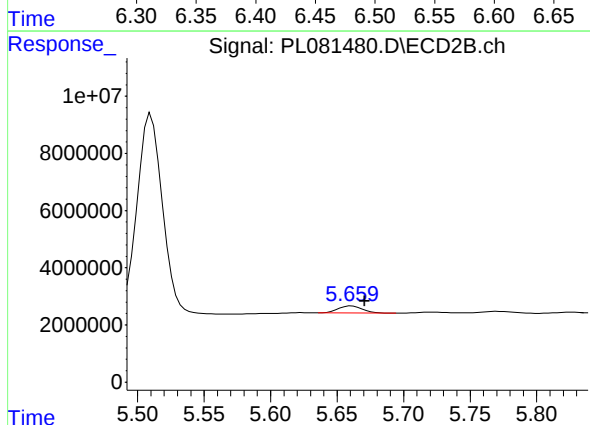
#16 4,4'-DDD

R.T.: 6.478 min
Delta R.T.: -0.006 min
Response: 3504842
Conc: 2.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

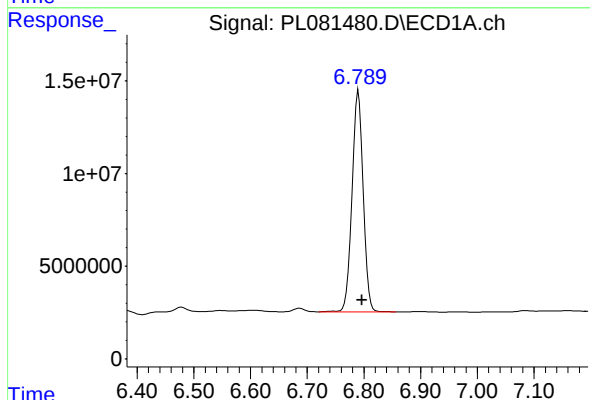
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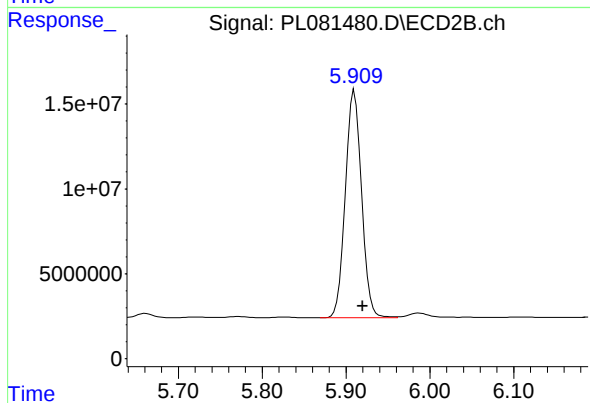
#16 4,4'-DDD

R.T.: 5.661 min
Delta R.T.: -0.010 min
Response: 3179692
Conc: 2.07 ng/ml



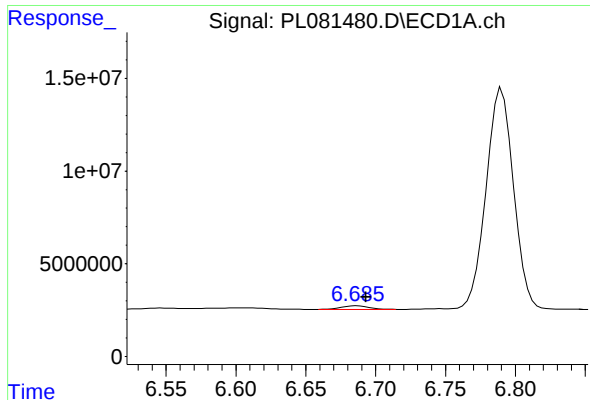
#17 4,4'-DDT

R.T.: 6.790 min
Delta R.T.: -0.006 min
Response: 164111698
Conc: 103.39 ng/ml



#17 4,4'-DDT

R.T.: 5.910 min
Delta R.T.: -0.010 min
Response: 180202935
Conc: 112.32 ng/ml



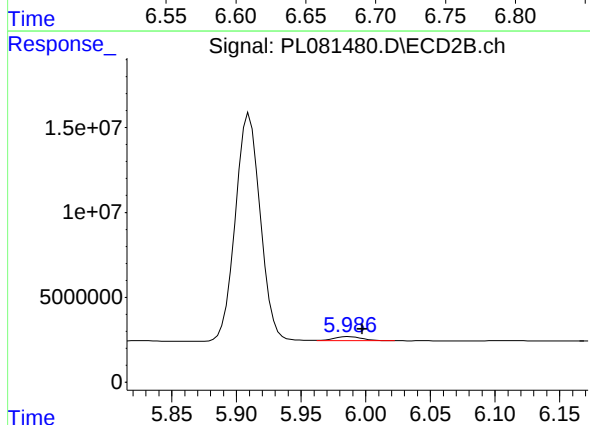
#18 Endrin aldehyde

R.T.: 6.685 min
Delta R.T.: -0.008 min
Response: 2667021
Conc: 1.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

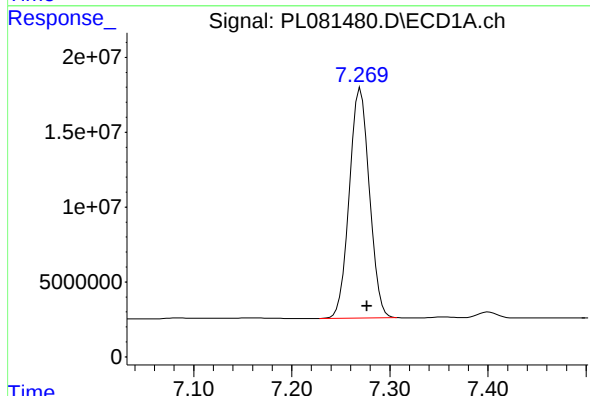
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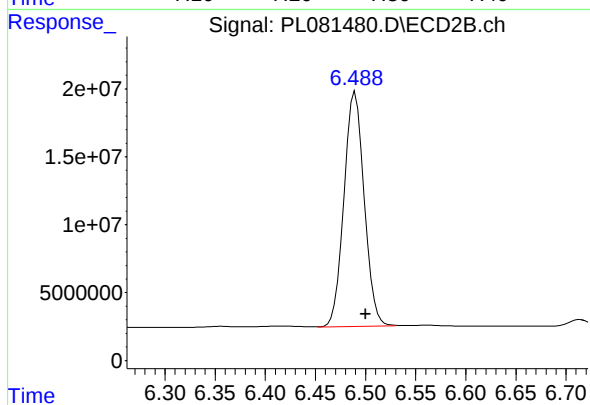
#18 Endrin aldehyde

R.T.: 5.986 min
Delta R.T.: -0.012 min
Response: 3651104
Conc: 2.41 ng/ml



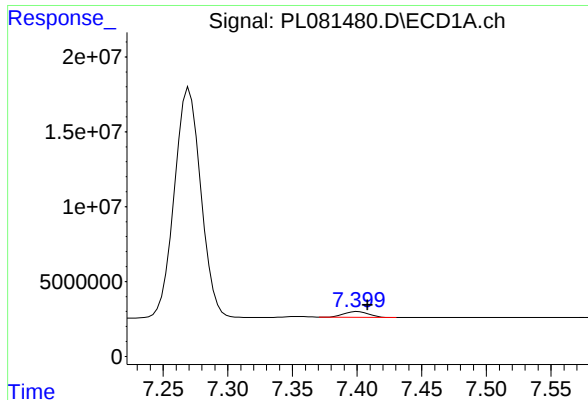
#20 Methoxychlor

R.T.: 7.269 min
Delta R.T.: -0.008 min
Response: 218273995
Conc: 253.41 ng/ml



#20 Methoxychlor

R.T.: 6.488 min
Delta R.T.: -0.012 min
Response: 242617443
Conc: 261.41 ng/ml



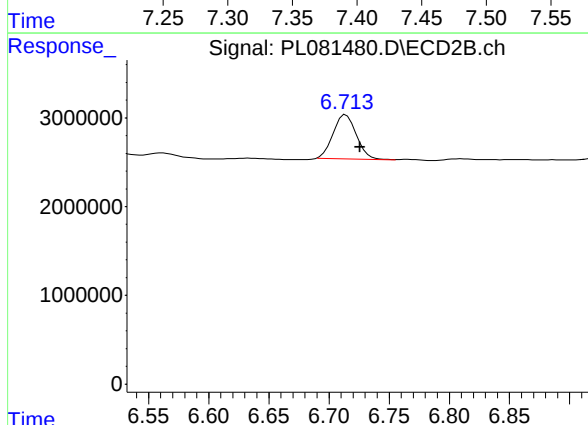
#21 Endrin ketone

R.T.: 7.401 min
Delta R.T.: -0.008 min
Response: 5279603
Conc: 2.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

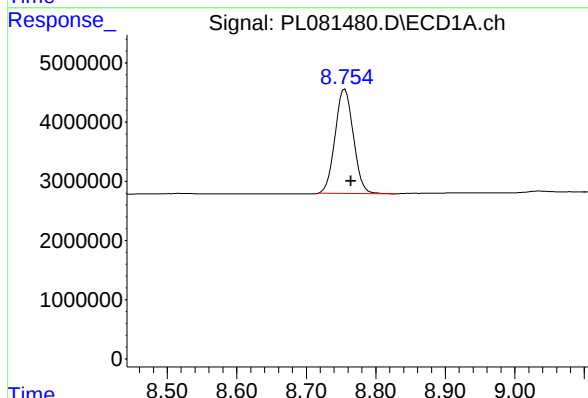
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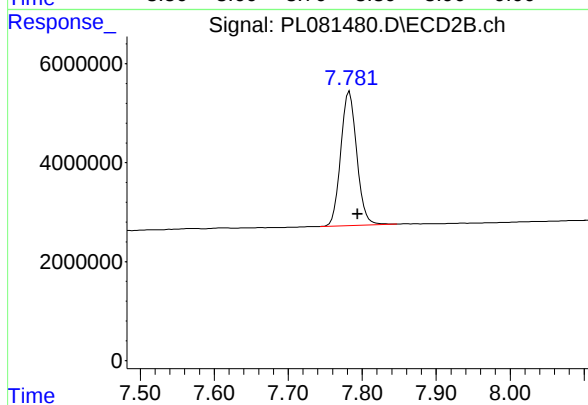
#21 Endrin ketone

R.T.: 6.714 min
Delta R.T.: -0.012 min
Response: 6728246
Conc: 3.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: -0.009 min
Response: 32141706
Conc: 21.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.783 min
Delta R.T.: -0.011 min
Response: 40807044
Conc: 21.30 ng/ml