

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040723\
 Data File : PL081906.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 16:23
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/10/2023
 Supervised By : Ankita Jodhani 04/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 07 22:14:16 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...	3.327	2.654	43319853	39209549	18.625	19.643
28)	SA Decachlor...	8.747	7.770	34786307	41326447	19.438	20.838
Target Compounds							
2)	A alpha-BHC	3.776	3.152	29667084	25508313	8.653	8.751
3)	MA gamma-BHC...	4.104	3.480	27749045	24290959	8.735	8.725
6)	B beta-BHC	4.307	3.779	15139949	12834697	10.059	10.777
12)	B 4,4'-DDE	5.955	5.094	604748	507790	0.268	0.258m
14)	MA Endrin	6.328	5.498	86227856	90946684	40.765	44.940
16)	A 4,4'-DDD	6.472	5.649	8782891	8347701	4.870	5.501
17)	MA 4,4'-DDT	6.784	5.898	163.2E6	169.3E6	80.394	98.241
18)	B Endrin al...	6.680	5.974	3143243	4359312	1.921	2.807m#
20)	A Methoxychlor	7.264	6.476	216.5E6	232.5E6	201.025	233.402m
21)	B Endrin ke...	7.394	6.702	6735617	8481748	3.216	3.969

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

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ALS Vial : 3 Sample Multiplier: 1

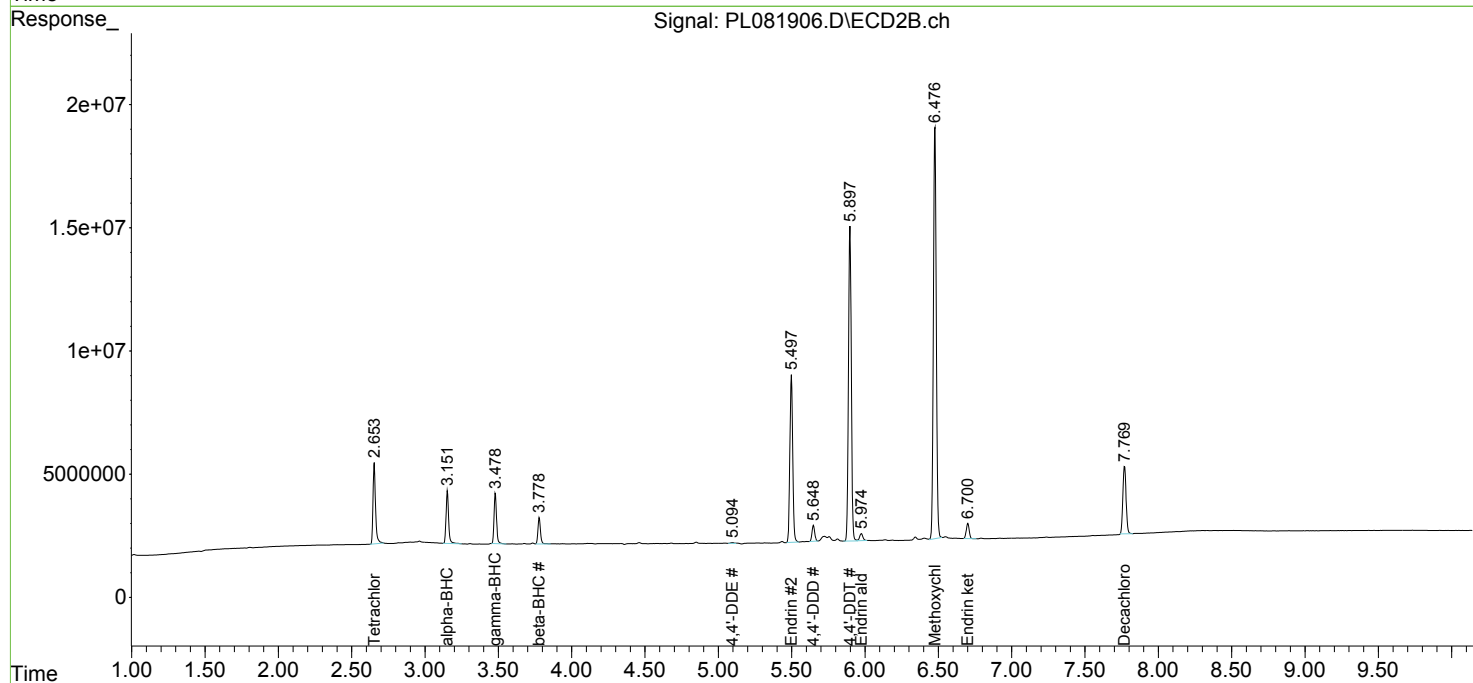
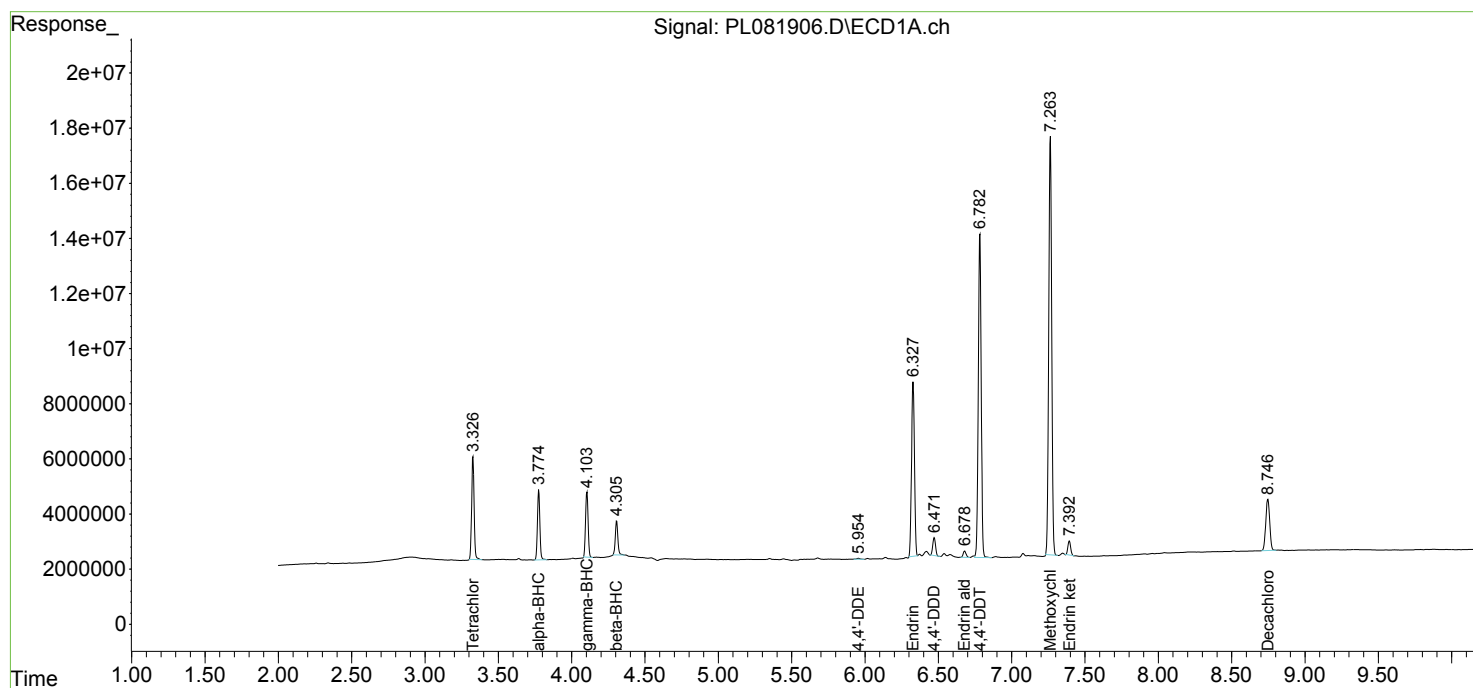
Instrument :
ECD_L
ClientSampleId :
PEM

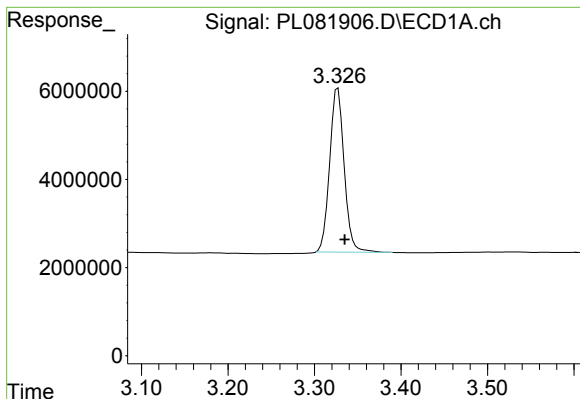
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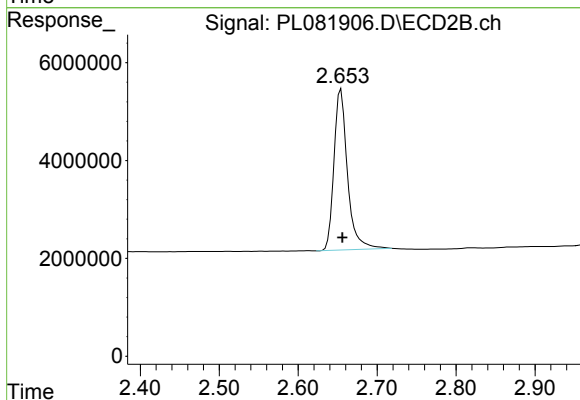
#1 Tetrachloro-m-xylene

R.T.: 3.327 min
Delta R.T.: -0.008 min
Response: 43319853
Conc: 18.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

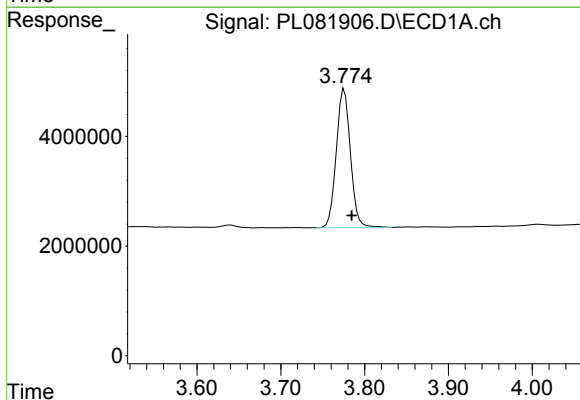
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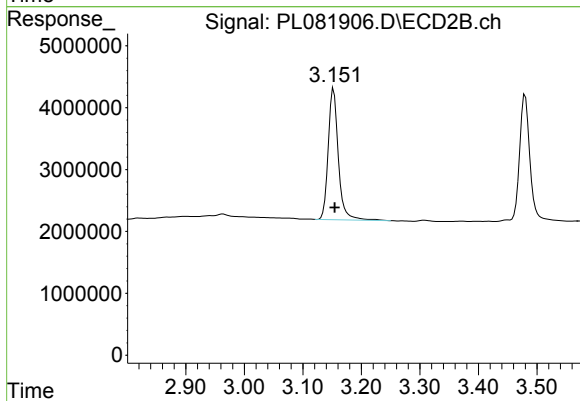
#1 Tetrachloro-m-xylene

R.T.: 2.654 min
Delta R.T.: -0.002 min
Response: 39209549
Conc: 19.64 ng/ml



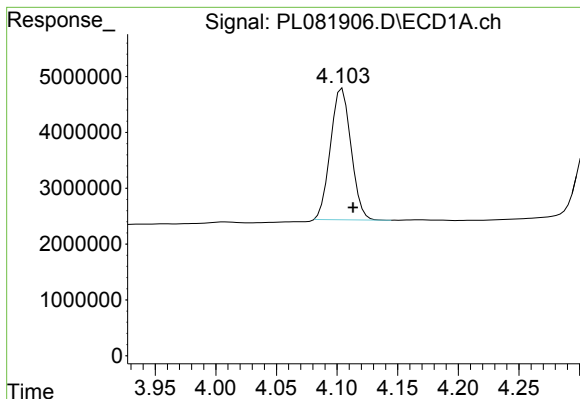
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: -0.009 min
Response: 29667084
Conc: 8.65 ng/ml



#2 alpha-BHC

R.T.: 3.152 min
Delta R.T.: -0.002 min
Response: 25508313
Conc: 8.75 ng/ml



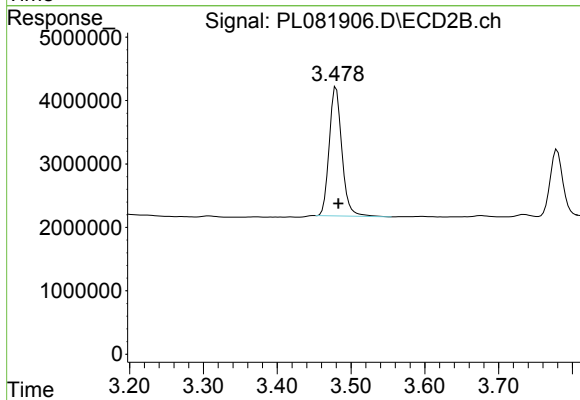
#3 gamma-BHC (Lindane)

R.T.: 4.104 min
Delta R.T.: -0.009 min
Response: 27749045
Conc: 8.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

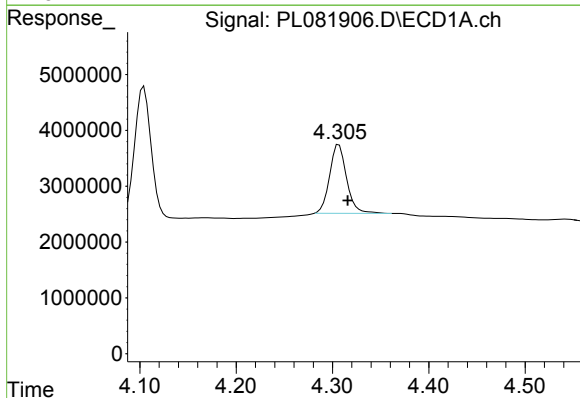
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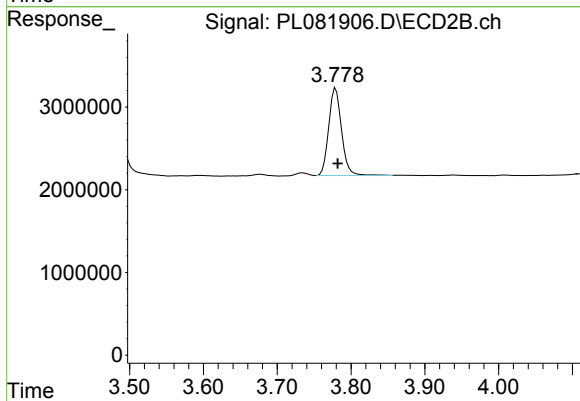
#3 gamma-BHC (Lindane)

R.T.: 3.480 min
Delta R.T.: -0.003 min
Response: 24290959
Conc: 8.72 ng/ml



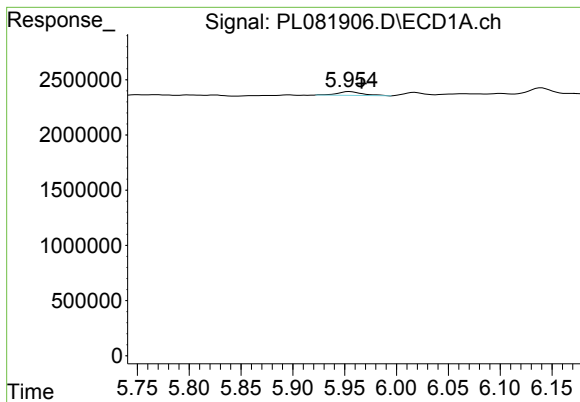
#6 beta-BHC

R.T.: 4.307 min
Delta R.T.: -0.009 min
Response: 15139949
Conc: 10.06 ng/ml



#6 beta-BHC

R.T.: 3.779 min
Delta R.T.: -0.003 min
Response: 12834697
Conc: 10.78 ng/ml



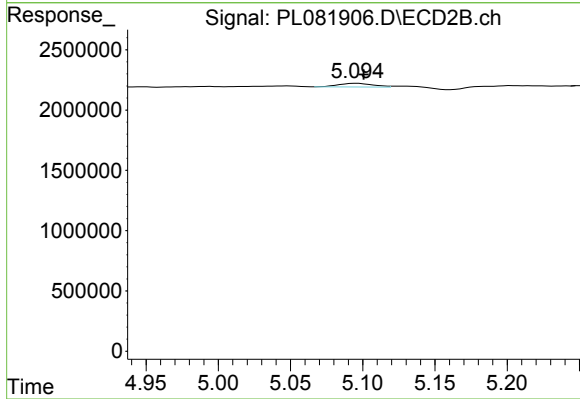
#12 4,4'-DDE

R.T.: 5.955 min
Delta R.T.: -0.012 min
Response: 604748
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

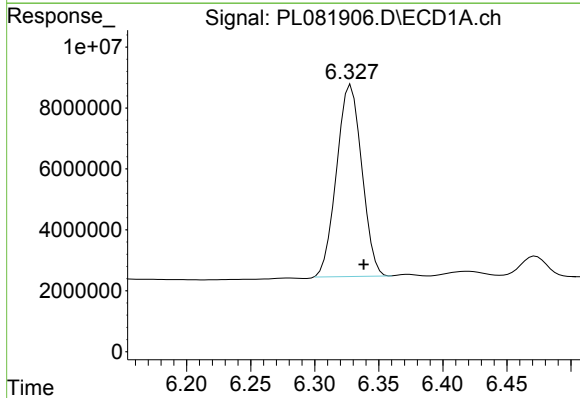
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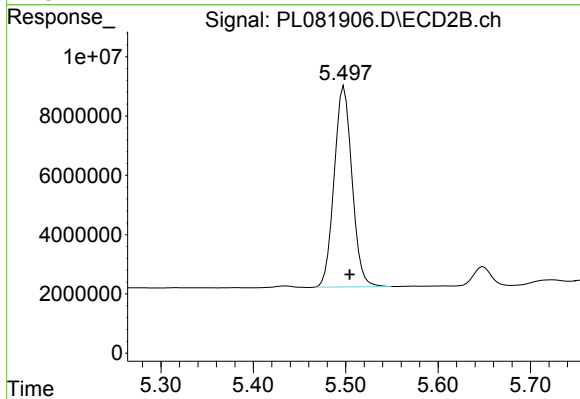
#12 4,4'-DDE

R.T.: 5.094 min
Delta R.T.: -0.006 min
Response: 507790
Conc: 0.26 ng/ml m



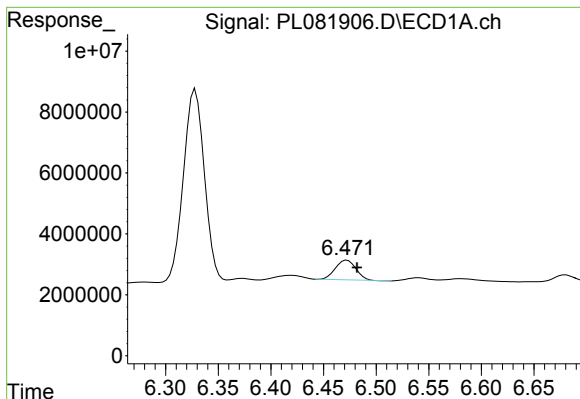
#14 Endrin

R.T.: 6.328 min
Delta R.T.: -0.010 min
Response: 86227856
Conc: 40.77 ng/ml



#14 Endrin

R.T.: 5.498 min
Delta R.T.: -0.006 min
Response: 90946684
Conc: 44.94 ng/ml



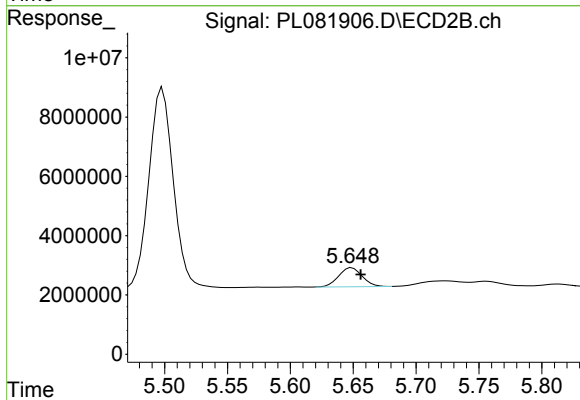
#16 4,4'-DDD

R.T.: 6.472 min
Delta R.T.: -0.009 min
Response: 8782891
Conc: 4.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

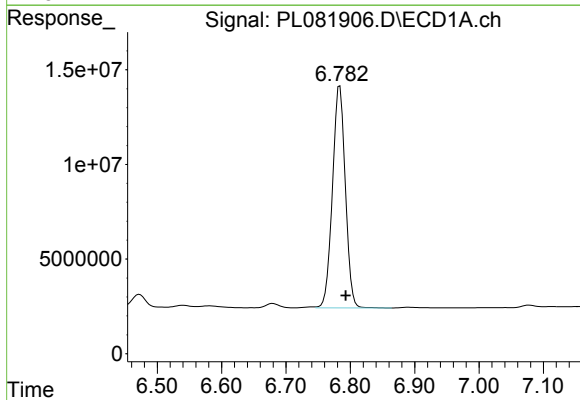
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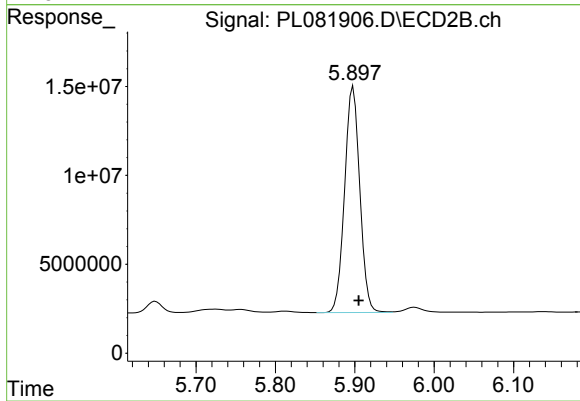
#16 4,4'-DDD

R.T.: 5.649 min
Delta R.T.: -0.007 min
Response: 8347701
Conc: 5.50 ng/ml



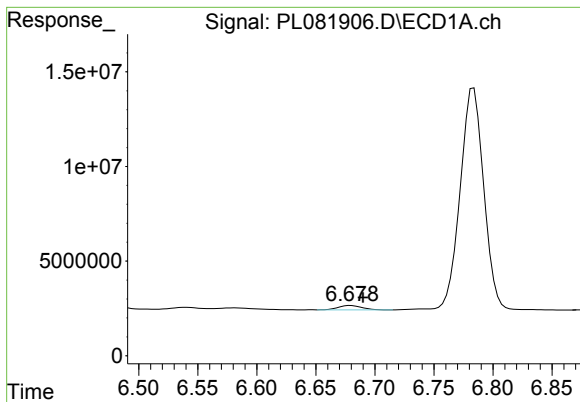
#17 4,4'-DDT

R.T.: 6.784 min
Delta R.T.: -0.009 min
Response: 163170121
Conc: 80.39 ng/ml



#17 4,4'-DDT

R.T.: 5.898 min
Delta R.T.: -0.007 min
Response: 169295332
Conc: 98.24 ng/ml



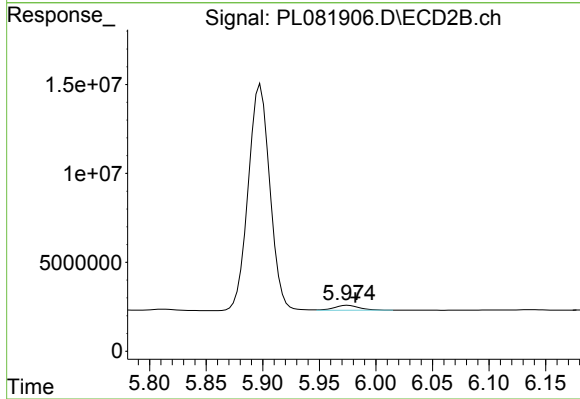
#18 Endrin aldehyde

R.T.: 6.680 min
Delta R.T.: -0.010 min
Response: 3143243
Conc: 1.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

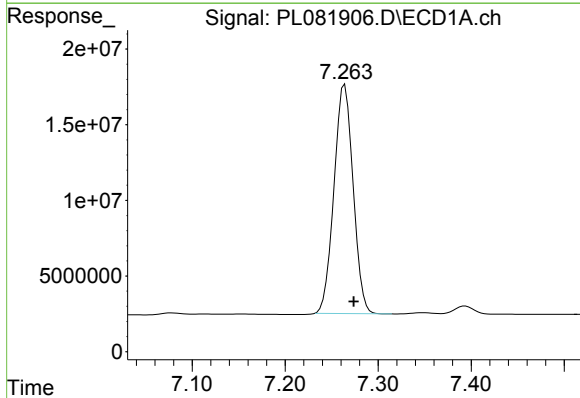
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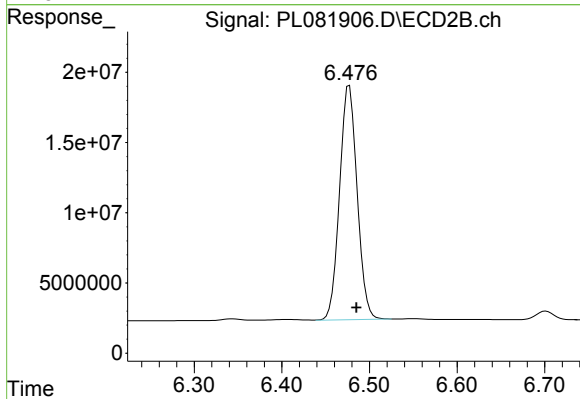
#18 Endrin aldehyde

R.T.: 5.974 min
Delta R.T.: -0.008 min
Response: 4359312
Conc: 2.81 ng/ml m



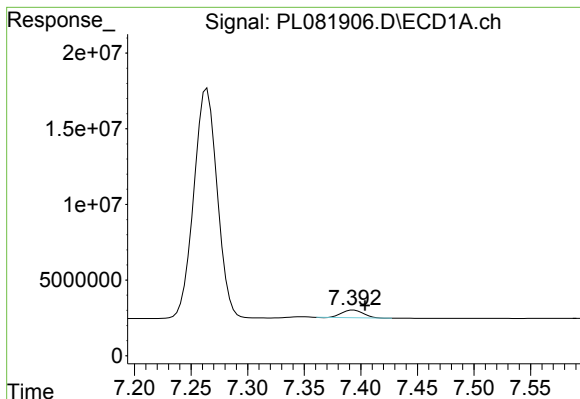
#20 Methoxychlor

R.T.: 7.264 min
Delta R.T.: -0.010 min
Response: 216482174
Conc: 201.02 ng/ml



#20 Methoxychlor

R.T.: 6.476 min
Delta R.T.: -0.009 min
Response: 232477485
Conc: 233.40 ng/ml m



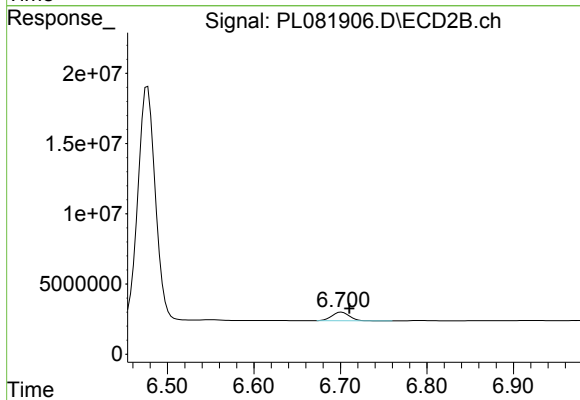
#21 Endrin ketone

R.T.: 7.394 min
Delta R.T.: -0.010 min
Response: 6735617
Conc: 3.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

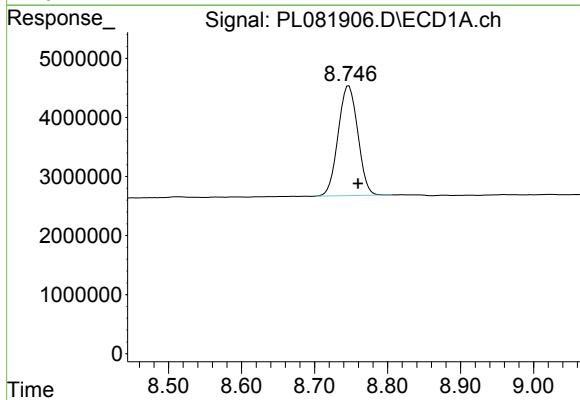
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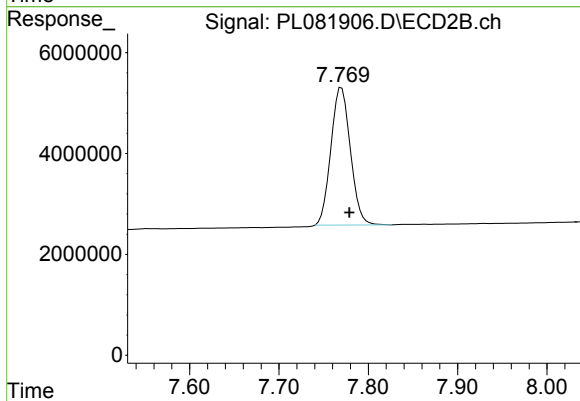
#21 Endrin ketone

R.T.: 6.702 min
Delta R.T.: -0.009 min
Response: 8481748
Conc: 3.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.747 min
Delta R.T.: -0.013 min
Response: 34786307
Conc: 19.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.770 min
Delta R.T.: -0.009 min
Response: 41326447
Conc: 20.84 ng/ml