

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031623\
 Data File : PL081514.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Mar 2023 18:05
 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 22:02:12 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	42972724	41005615	19.890	20.261
28)	SA Decachlor...	8.755	7.782	32160655	41529770	21.095	21.680
Target Compounds							
2)	A alpha-BHC	3.780	3.160	28538922	26494359	8.971	9.040
3)	MA gamma-BHC...	4.109	3.488	28167582	25125771	9.521	9.133
6)	B beta-BHC	4.311	3.788	14937783	12230382	10.852	10.538
12)	B 4,4'-DDE	5.962	5.104	474902	278672	0.243	0.142m#
14)	MA Endrin	6.334	5.509	80346717	88619041	44.208	44.097
16)	A 4,4'-DDD	6.478	5.660	5892250	5424936	3.828	3.536
17)	MA 4,4'-DDT	6.789	5.909	158.8E6	173.9E6	100.030	108.381
18)	B Endrin al...	6.685	5.986	3370537	4953449	2.355m	3.270 #
20)	A Methoxychlor	7.268	6.487	210.9E6	234.9E6	244.860m	253.152m
21)	B Endrin ke...	7.399	6.713	6950775	8810440	3.832	4.092

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

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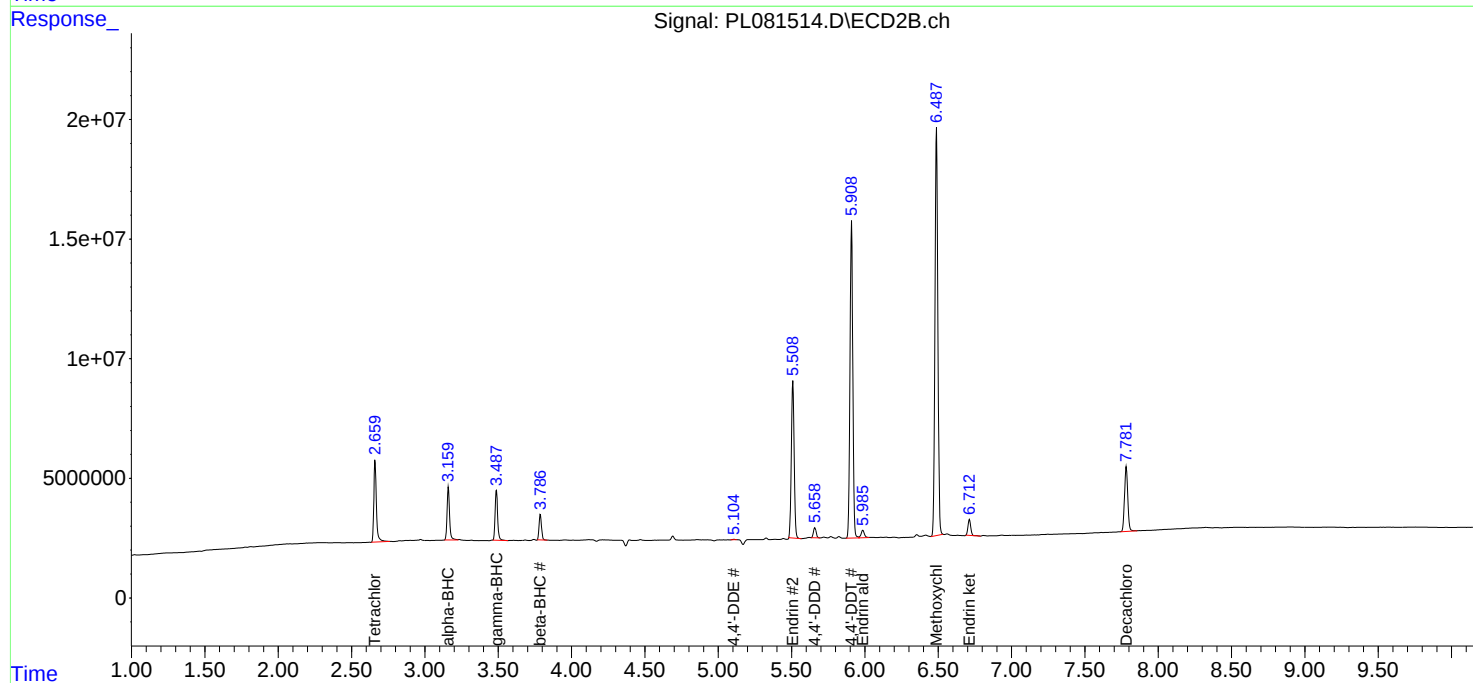
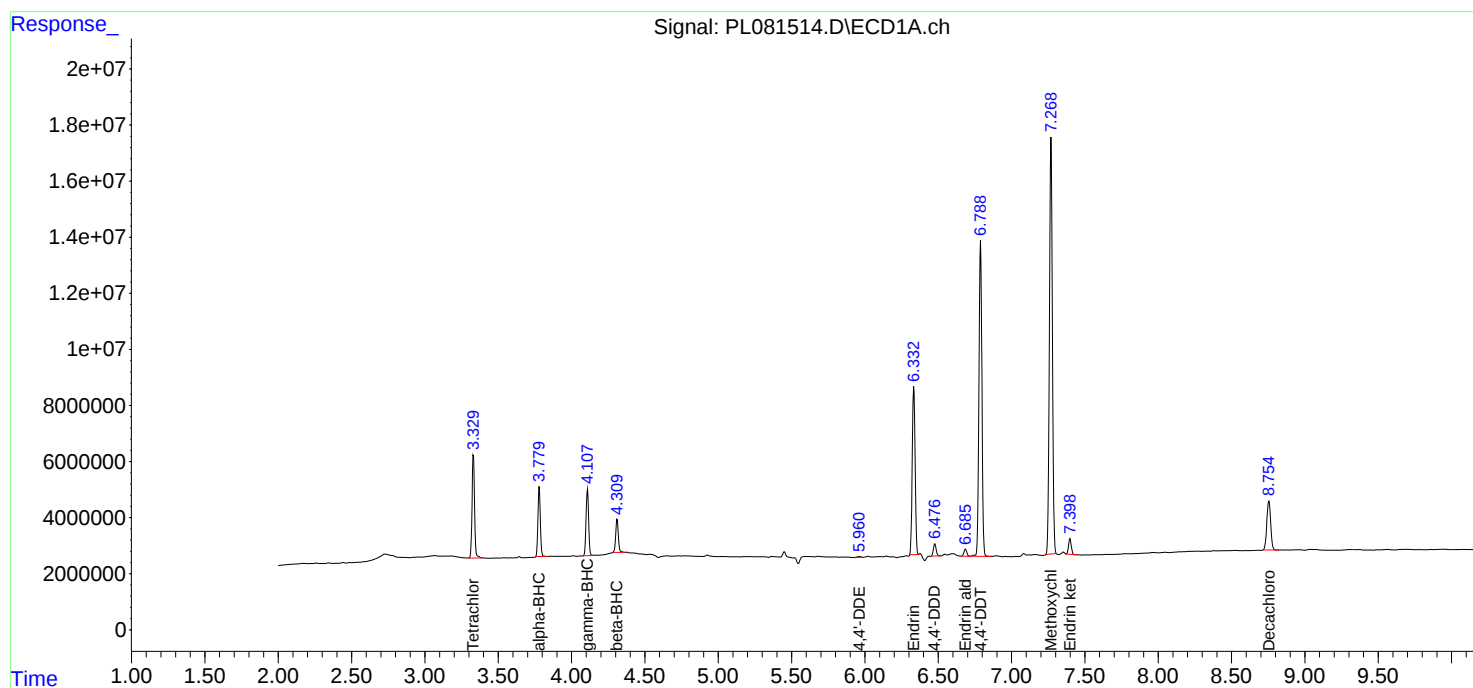
Instrument :
ECD_L
ClientSampleId :
PEM

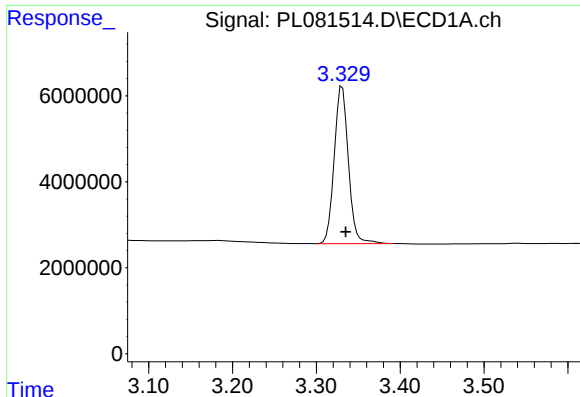
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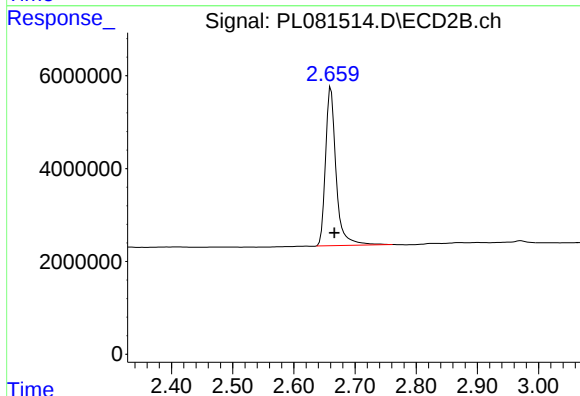
#1 Tetrachloro-m-xylene

R.T.: 3.331 min
Delta R.T.: -0.004 min
Response: 42972724
Conc: 19.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

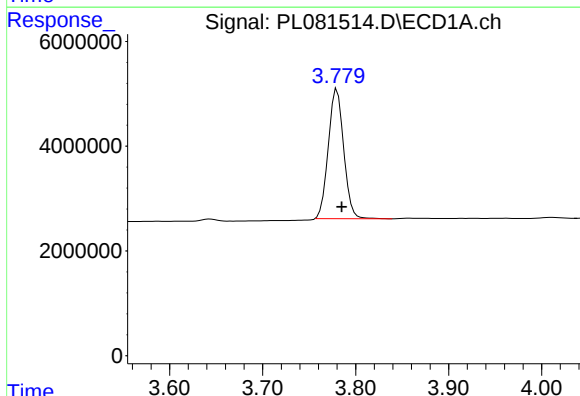
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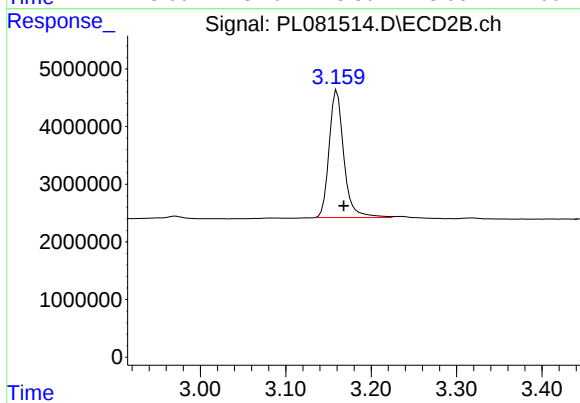
#1 Tetrachloro-m-xylene

R.T.: 2.661 min
Delta R.T.: -0.006 min
Response: 41005615
Conc: 20.26 ng/ml



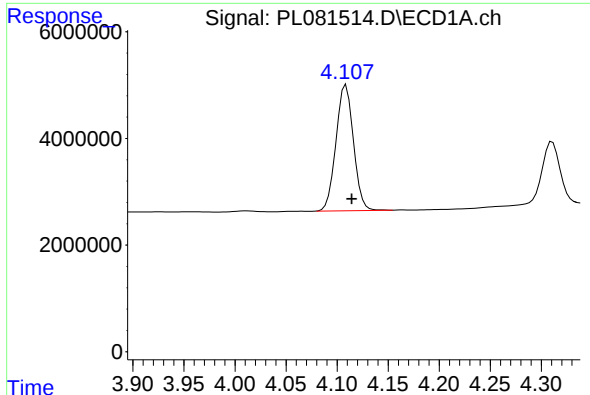
#2 alpha-BHC

R.T.: 3.780 min
Delta R.T.: -0.005 min
Response: 28538922
Conc: 8.97 ng/ml



#2 alpha-BHC

R.T.: 3.160 min
Delta R.T.: -0.008 min
Response: 26494359
Conc: 9.04 ng/ml



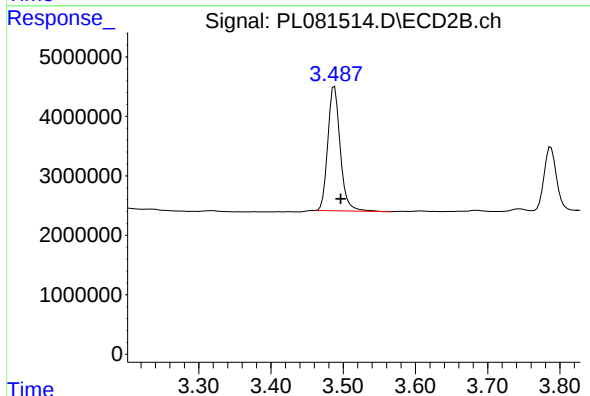
#3 gamma-BHC (Lindane)

R.T.: 4.109 min
Delta R.T.: -0.006 min
Response: 28167582
Conc: 9.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

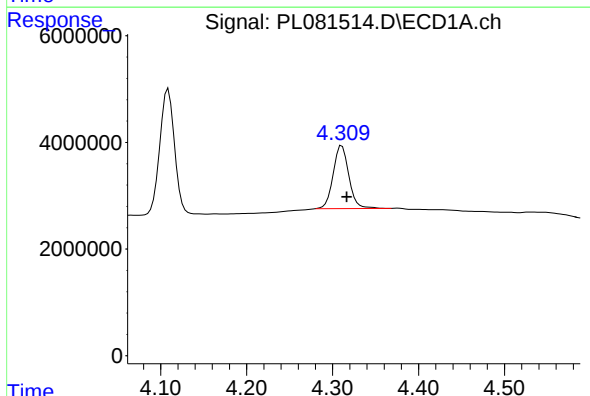
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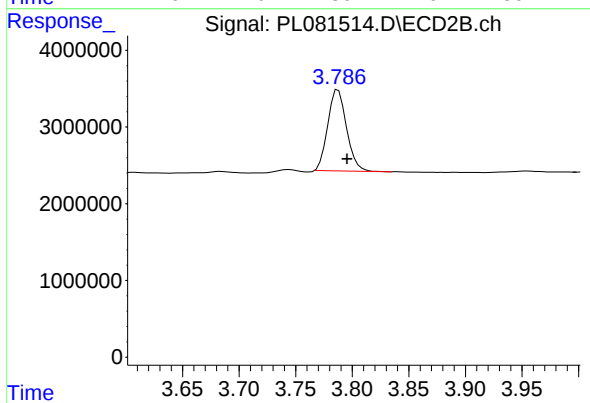
#3 gamma-BHC (Lindane)

R.T.: 3.488 min
Delta R.T.: -0.008 min
Response: 25125771
Conc: 9.13 ng/ml



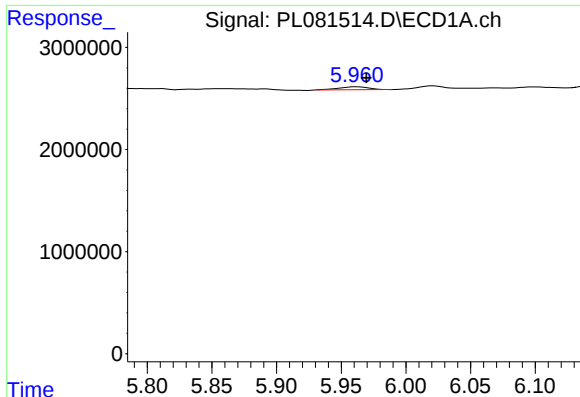
#6 beta-BHC

R.T.: 4.311 min
Delta R.T.: -0.006 min
Response: 14937783
Conc: 10.85 ng/ml



#6 beta-BHC

R.T.: 3.788 min
Delta R.T.: -0.008 min
Response: 12230382
Conc: 10.54 ng/ml



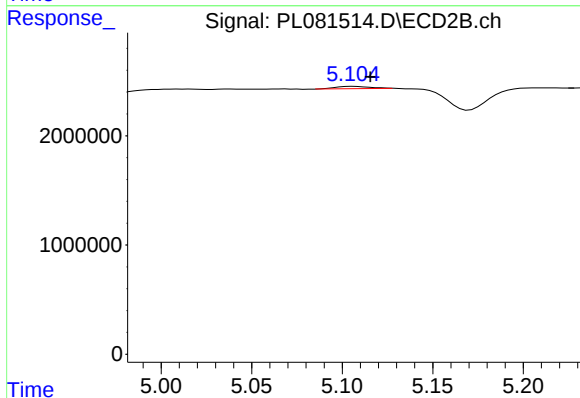
#12 4,4'-DDE

R.T.: 5.962 min
Delta R.T.: -0.008 min
Response: 474902
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

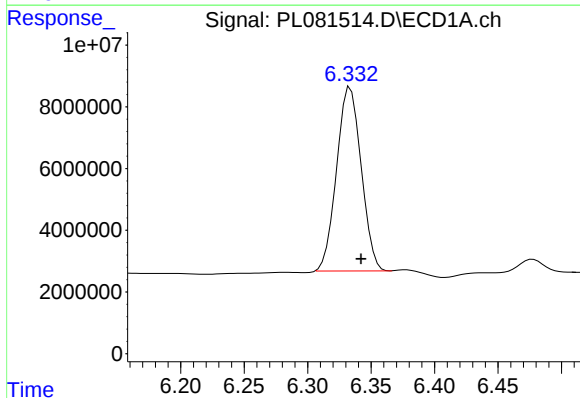
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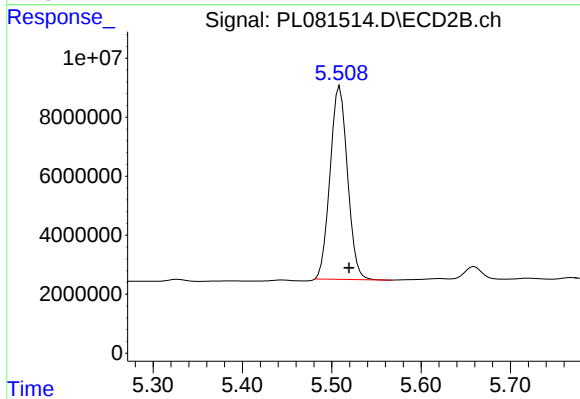
#12 4,4'-DDE

R.T.: 5.104 min
Delta R.T.: -0.011 min
Response: 278672
Conc: 0.14 ng/ml m



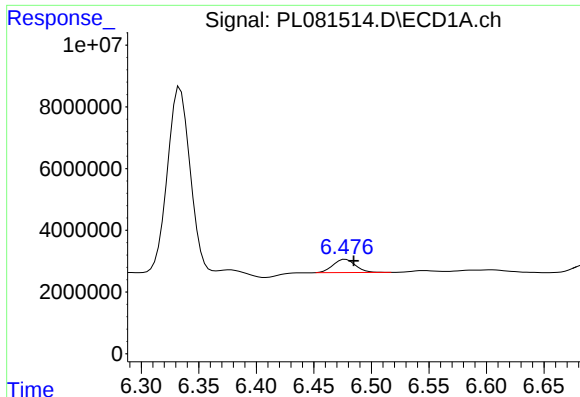
#14 Endrin

R.T.: 6.334 min
Delta R.T.: -0.008 min
Response: 80346717
Conc: 44.21 ng/ml



#14 Endrin

R.T.: 5.509 min
Delta R.T.: -0.010 min
Response: 88619041
Conc: 44.10 ng/ml



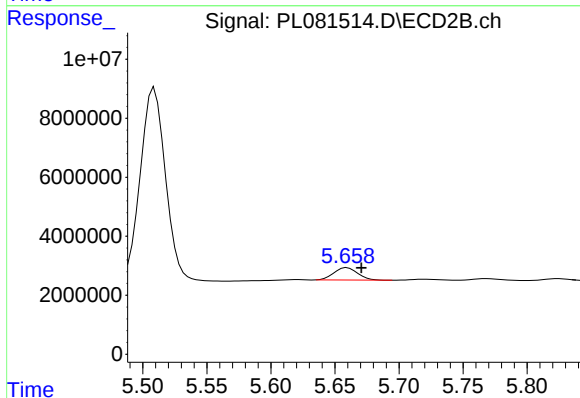
#16 4,4'-DDD

R.T.: 6.478 min
Delta R.T.: -0.007 min
Response: 5892250
Conc: 3.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

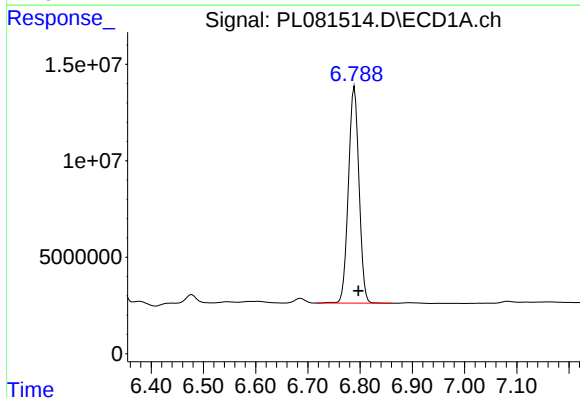
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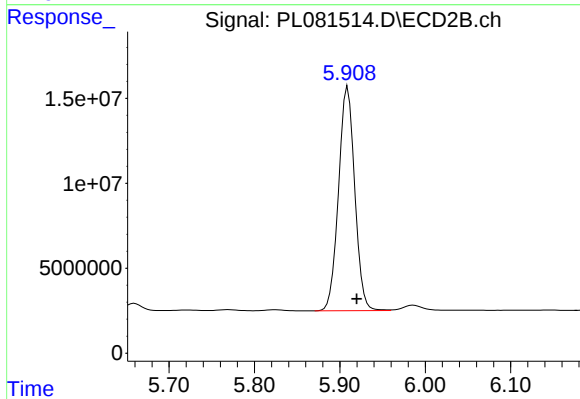
#16 4,4'-DDD

R.T.: 5.660 min
Delta R.T.: -0.011 min
Response: 5424936
Conc: 3.54 ng/ml



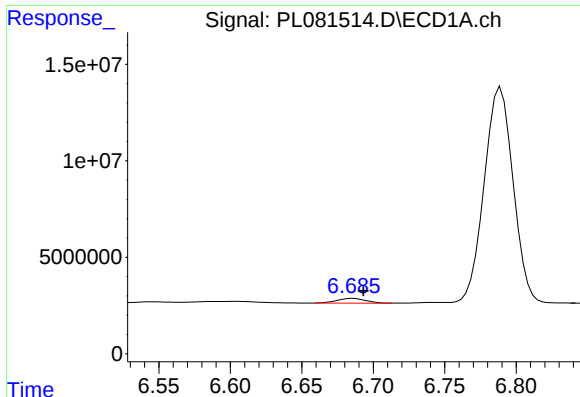
#17 4,4'-DDT

R.T.: 6.789 min
Delta R.T.: -0.008 min
Response: 158778916
Conc: 100.03 ng/ml



#17 4,4'-DDT

R.T.: 5.909 min
Delta R.T.: -0.010 min
Response: 173877448
Conc: 108.38 ng/ml



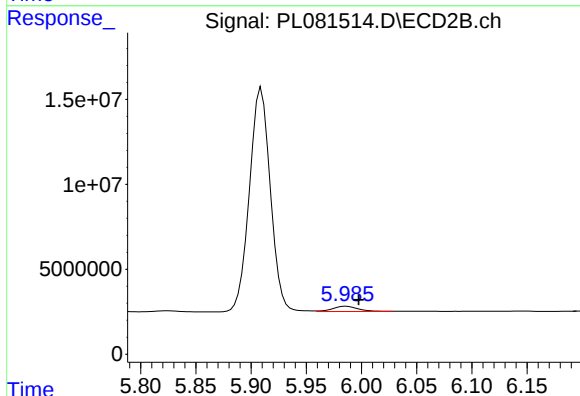
#18 Endrin aldehyde

R.T.: 6.685 min
Delta R.T.: -0.009 min
Response: 3370537
Conc: 2.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

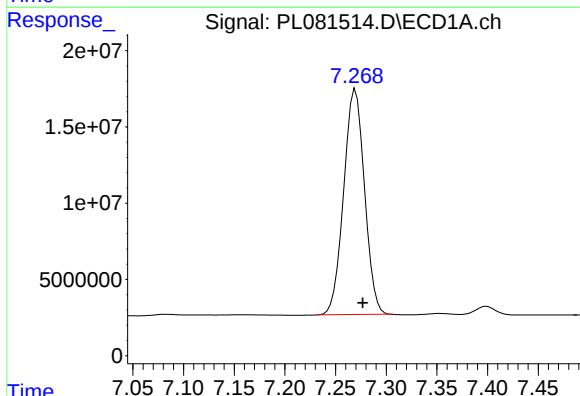
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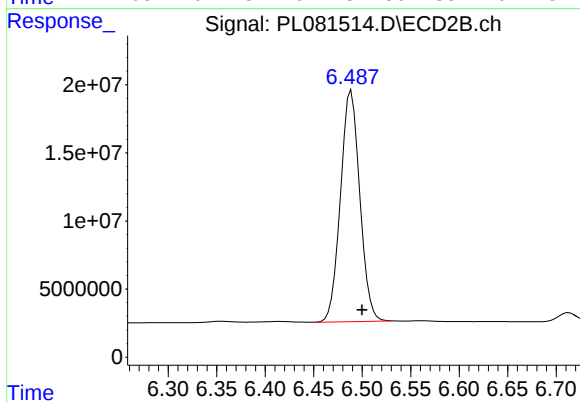
#18 Endrin aldehyde

R.T.: 5.986 min
Delta R.T.: -0.011 min
Response: 4953449
Conc: 3.27 ng/ml



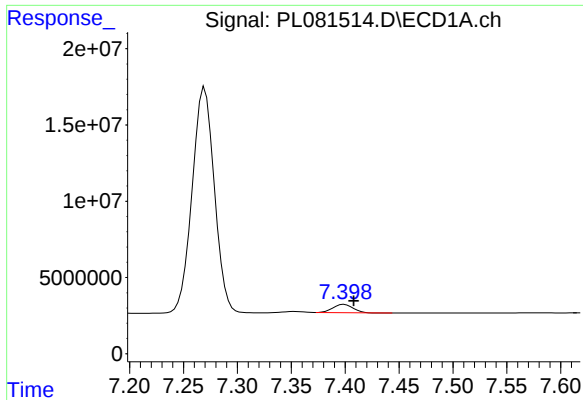
#20 Methoxychlor

R.T.: 7.268 min
Delta R.T.: -0.008 min
Response: 210913474
Conc: 244.86 ng/ml m



#20 Methoxychlor

R.T.: 6.487 min
Delta R.T.: -0.013 min
Response: 234949011
Conc: 253.15 ng/ml m



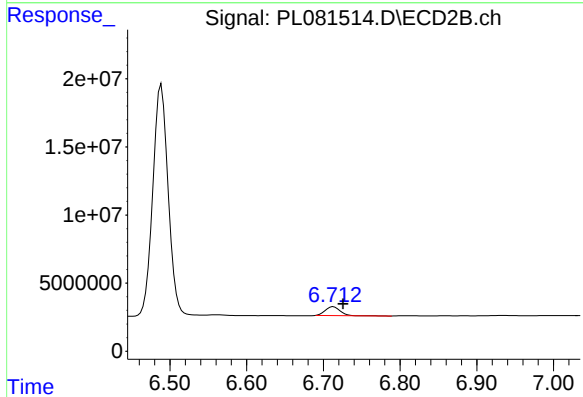
#21 Endrin ketone

R.T.: 7.399 min
Delta R.T.: -0.009 min
Response: 6950775
Conc: 3.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

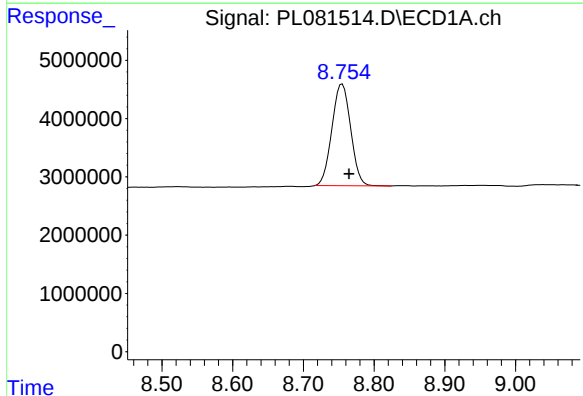
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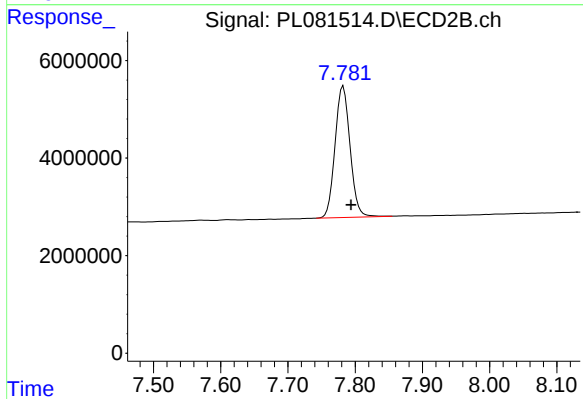
#21 Endrin ketone

R.T.: 6.713 min
Delta R.T.: -0.013 min
Response: 8810440
Conc: 4.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.755 min
Delta R.T.: -0.009 min
Response: 32160655
Conc: 21.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.782 min
Delta R.T.: -0.012 min
Response: 41529770
Conc: 21.68 ng/ml