

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022823\
 Data File : PL081132.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2023 10:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/01/2023
 Supervised By : Ankita Jodhani 03/01/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 28 14:31:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022823.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 28 13:01:55 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...	3.344	2.673	26310050	32291428	18.437	18.778
28)	SA Decachlor...	8.779	7.805	23339699	19980807	24.373m	17.942 #
Target Compounds							
2)	A alpha-BHC	3.799	3.176	17959621	20623516	8.929	8.633
3)	MA gamma-BHC...	4.129	3.505	16438987	19901700	9.060	9.006
6)	B beta-BHC	4.333	3.806	7444640	8384470	9.001	9.429
14)	MA Endrin	6.359	5.531	50889450	61120726	45.690	45.605
17)	MA 4,4'-DDT	6.812	5.931	93051879	98547010	103.978	102.534
18)	B Endrin al...	6.729f	6.012	1554483	1405389	1.856m	1.431m
20)	A Methoxychlor	7.296	6.514	131.2E6	132.3E6	282.511	263.433
21)	B Endrin ke...	7.439f	6.743	1746091	1874271	1.521	1.405

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

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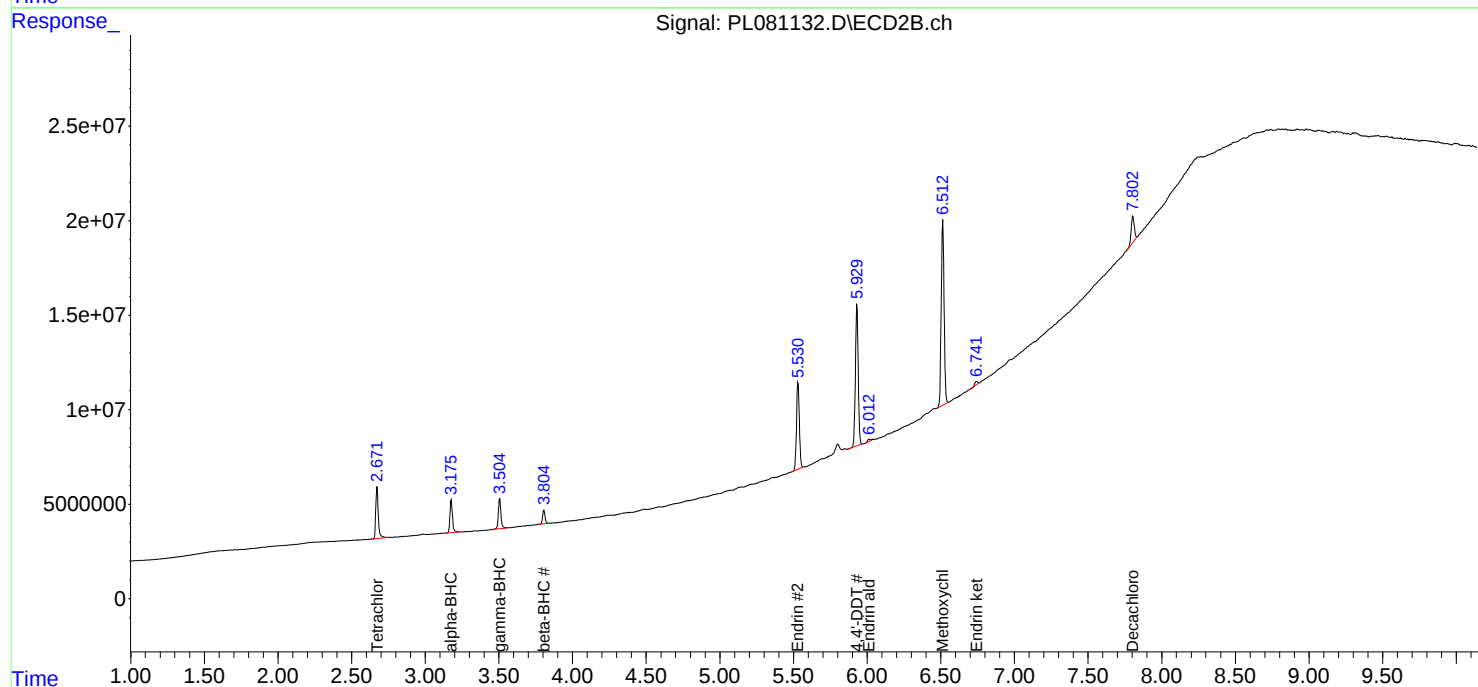
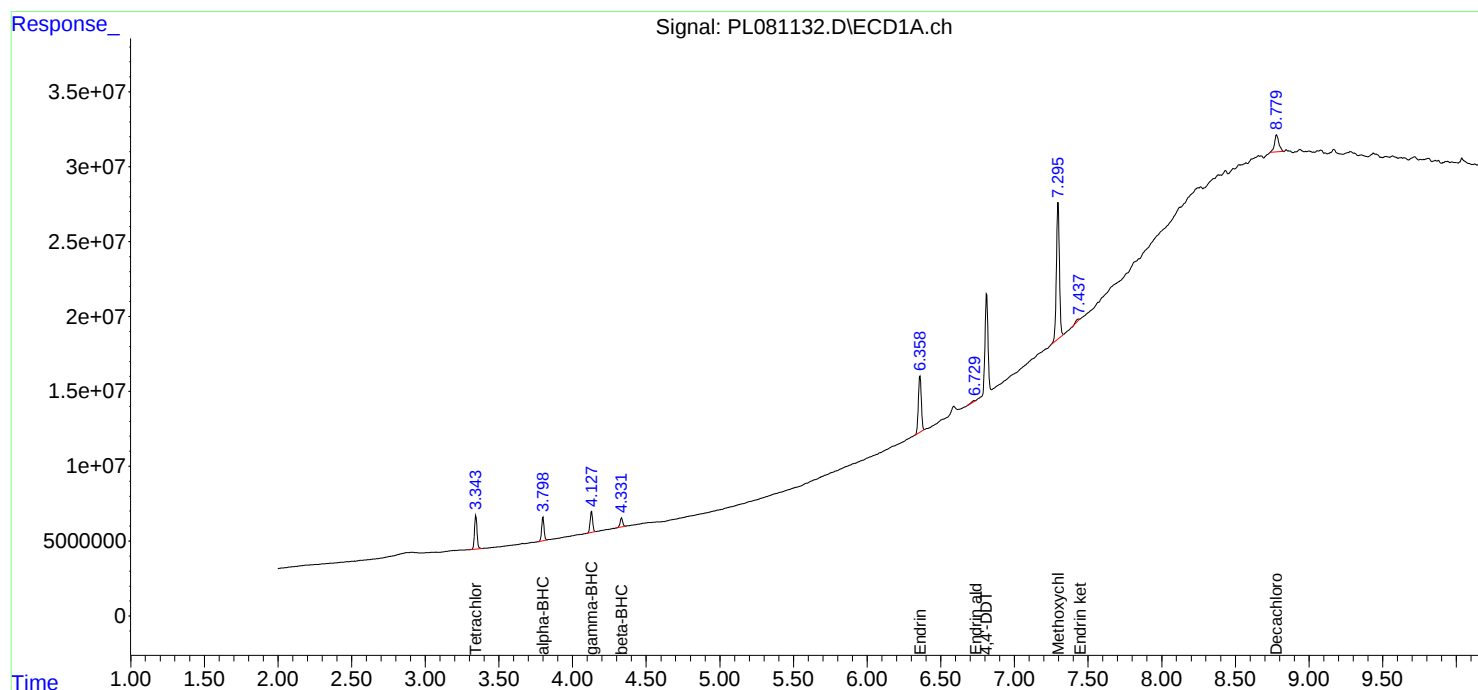
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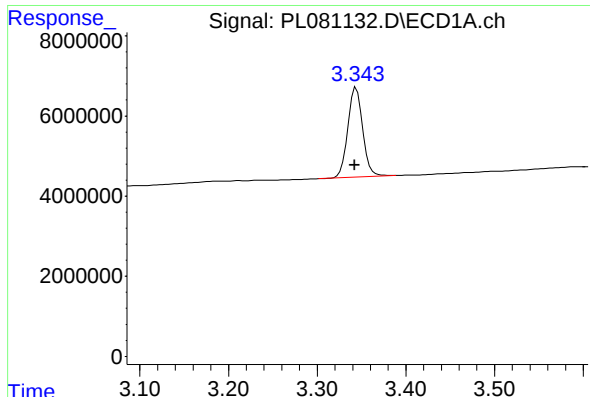
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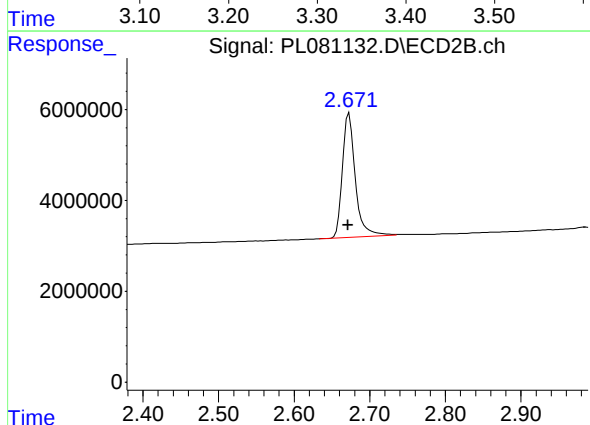
#1 Tetrachloro-m-xylene

R.T.: 3.344 min
Delta R.T.: 0.002 min
Response: 26310050
Conc: 18.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

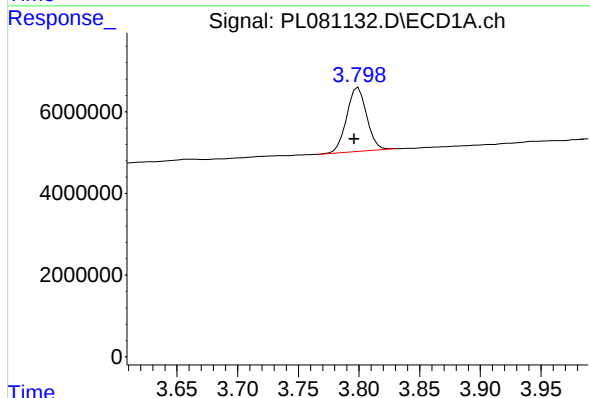
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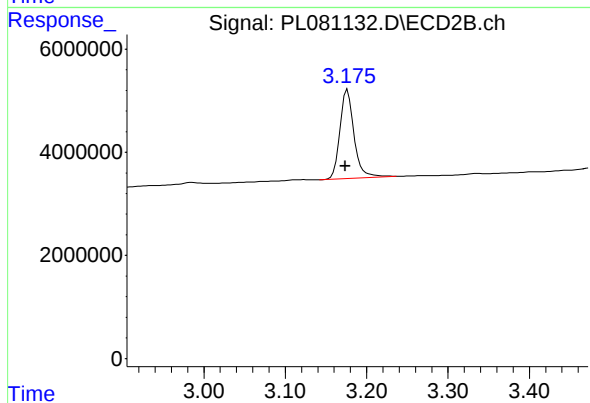
#1 Tetrachloro-m-xylene

R.T.: 2.673 min
Delta R.T.: 0.002 min
Response: 32291428
Conc: 18.78 ng/ml



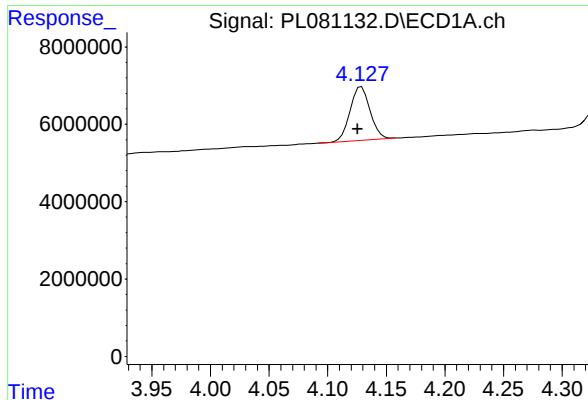
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: 0.003 min
Response: 17959621
Conc: 8.93 ng/ml



#2 alpha-BHC

R.T.: 3.176 min
Delta R.T.: 0.003 min
Response: 20623516
Conc: 8.63 ng/ml



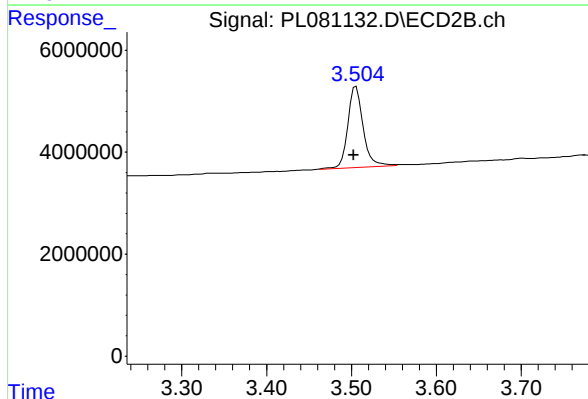
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.004 min
Response: 16438987
Conc: 9.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

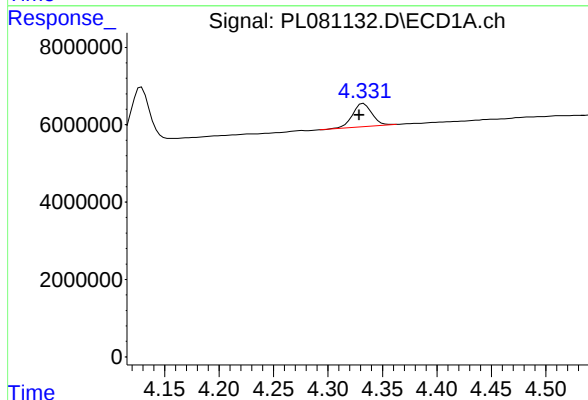
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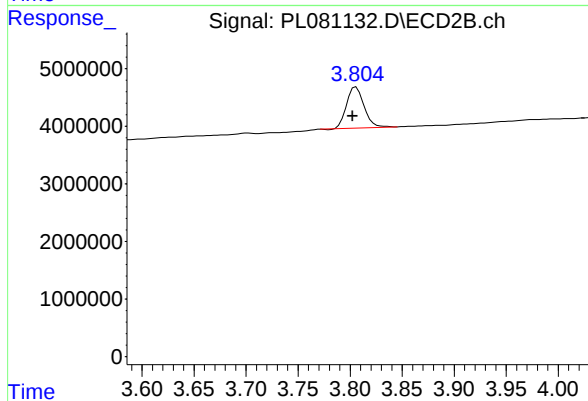
#3 gamma-BHC (Lindane)

R.T.: 3.505 min
Delta R.T.: 0.003 min
Response: 19901700
Conc: 9.01 ng/ml



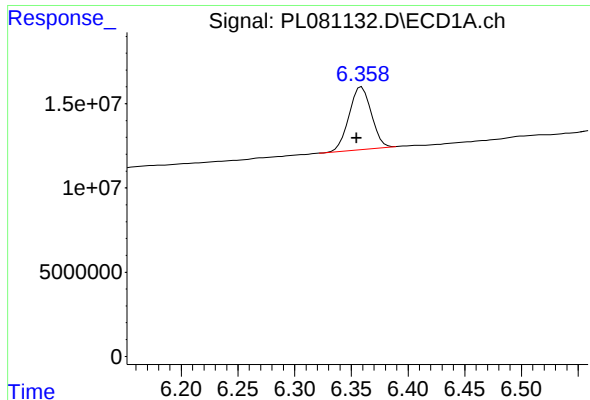
#6 beta-BHC

R.T.: 4.333 min
Delta R.T.: 0.004 min
Response: 7444640
Conc: 9.00 ng/ml



#6 beta-BHC

R.T.: 3.806 min
Delta R.T.: 0.003 min
Response: 8384470
Conc: 9.43 ng/ml



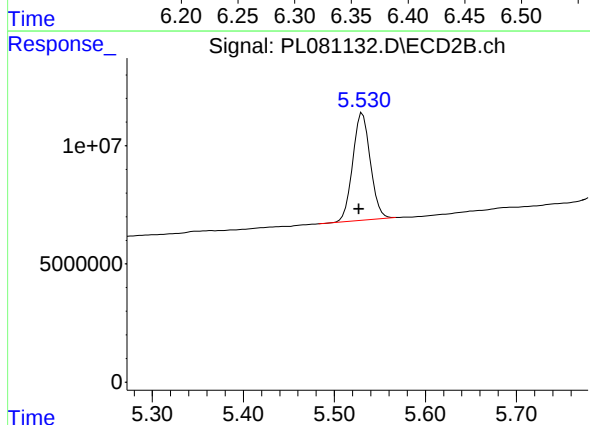
#14 Endrin

R.T.: 6.359 min
Delta R.T.: 0.005 min
Response: 50889450
Conc: 45.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

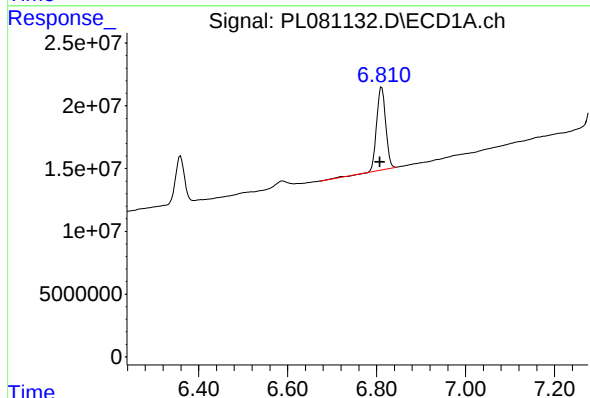
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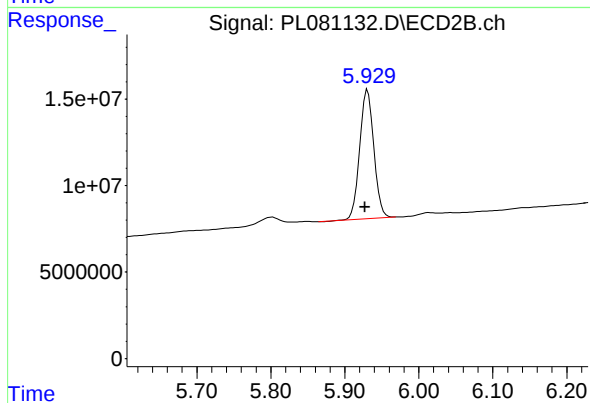
#14 Endrin

R.T.: 5.531 min
Delta R.T.: 0.004 min
Response: 61120726
Conc: 45.60 ng/ml



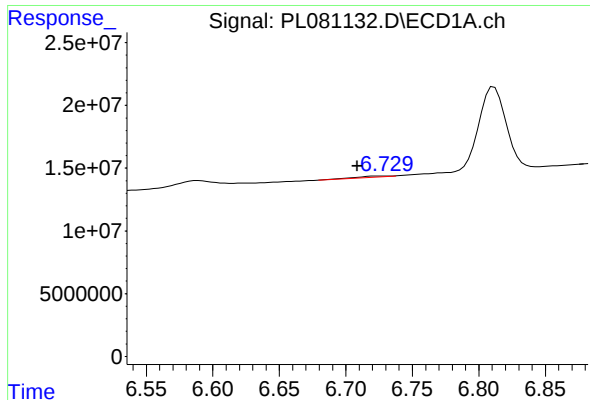
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: 0.004 min
Response: 93051879
Conc: 103.98 ng/ml



#17 4,4'-DDT

R.T.: 5.931 min
Delta R.T.: 0.004 min
Response: 98547010
Conc: 102.53 ng/ml



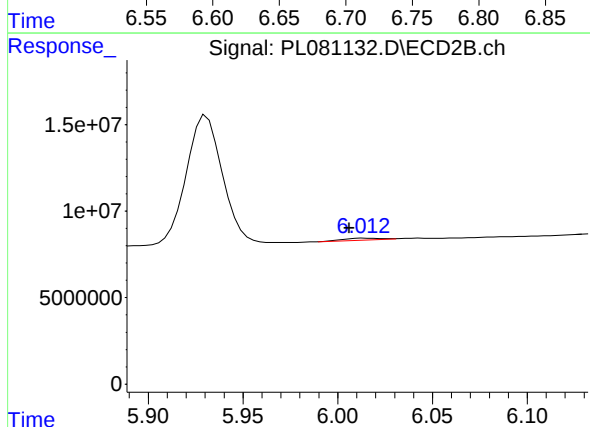
#18 Endrin aldehyde

R.T.: 6.729 min
Delta R.T.: 0.020 min
Response: 1554483
Conc: 1.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

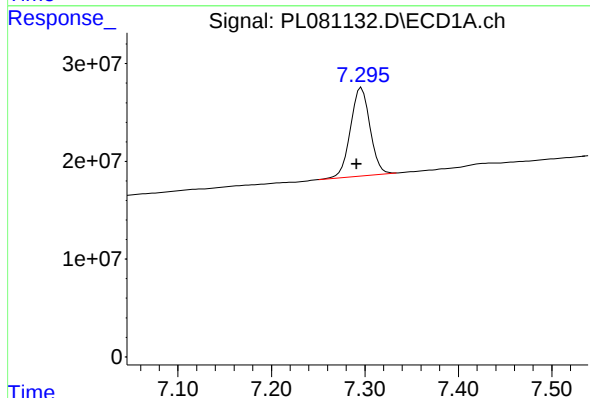
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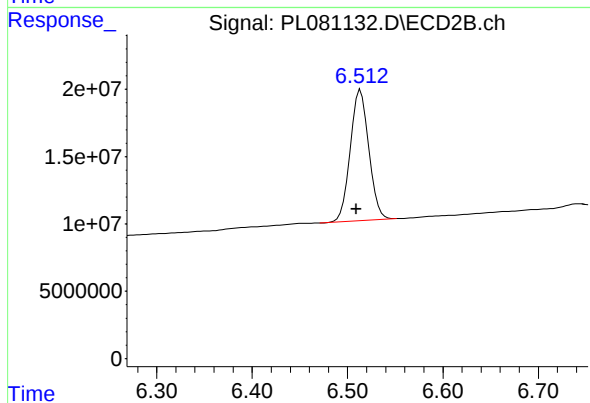
#18 Endrin aldehyde

R.T.: 6.012 min
Delta R.T.: 0.006 min
Response: 1405389
Conc: 1.43 ng/ml m



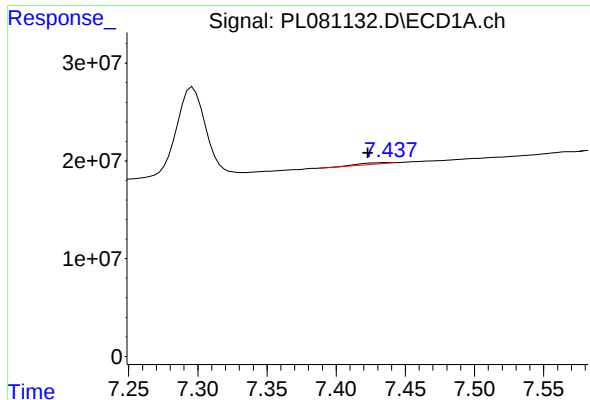
#20 Methoxychlor

R.T.: 7.296 min
Delta R.T.: 0.005 min
Response: 131224748
Conc: 282.51 ng/ml



#20 Methoxychlor

R.T.: 6.514 min
Delta R.T.: 0.005 min
Response: 132311591
Conc: 263.43 ng/ml



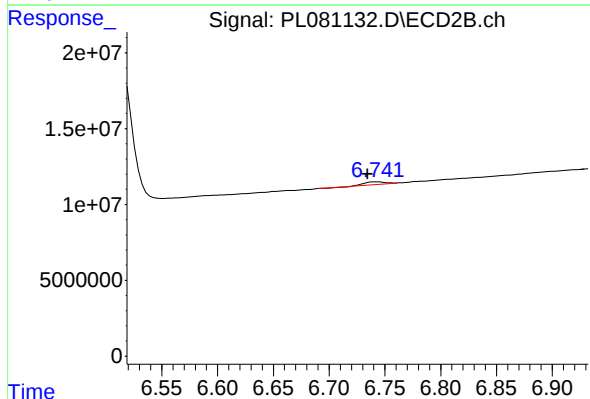
#21 Endrin ketone

R.T.: 7.439 min
Delta R.T.: 0.016 min
Response: 1746091
Conc: 1.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

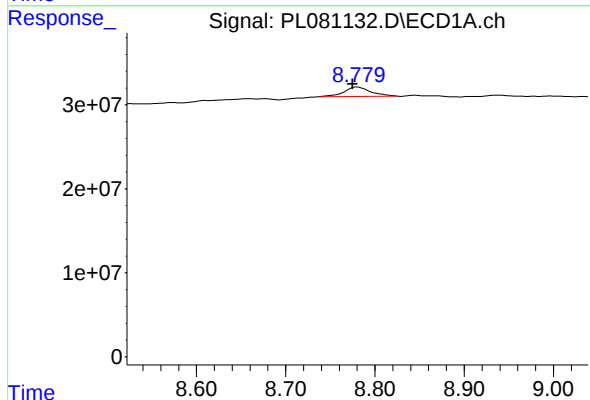
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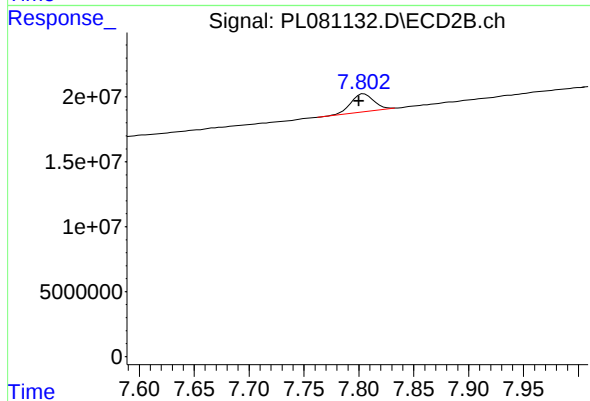
#21 Endrin ketone

R.T.: 6.743 min
Delta R.T.: 0.008 min
Response: 1874271
Conc: 1.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.779 min
Delta R.T.: 0.004 min
Response: 23339699
Conc: 24.37 ng/ml m



#28 Decachlorobiphenyl

R.T.: 7.805 min
Delta R.T.: 0.005 min
Response: 19980807
Conc: 17.94 ng/ml