

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072323\
 Data File : PL084123.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jul 2023 21:20
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/24/2023
 Supervised By : Ankita Jodhani 07/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 22 03:51:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 14 00:03:54 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...	3.477	2.687	50331238	23685383	25.167	21.327
28)	SA Decachlor...	9.029	7.872	32002590	26784038	24.586	24.105
Target Compounds							
2)	A alpha-BHC	3.935	3.192	34601608	16077643	11.810	9.999
3)	MA gamma-BHC...	4.269	3.523	33287001	15139511	11.782	9.956
6)	B beta-BHC	4.468	3.825	16949444	7854987	14.126	11.900
12)	B 4,4'-DDE	6.151	5.169	754292	222399	0.375	0.181 #
14)	MA Endrin	6.525	5.565	104.4E6	61737457	54.841m	56.164
16)	A 4,4'-DDD	6.668	5.725	5907830	3230004	4.023m	3.367
17)	MA 4,4'-DDT	6.985	5.978	184.3E6	121.4E6	115.574	133.280
18)	B Endrin al...	6.878	6.043	3165645	1630114	2.161	1.813m
20)	A Methoxychlor	7.465	6.563	222.7E6	151.0E6	284.686m	315.052
21)	B Endrin ke...	7.597	6.772	5254373	5494564	2.998m	4.252m#

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

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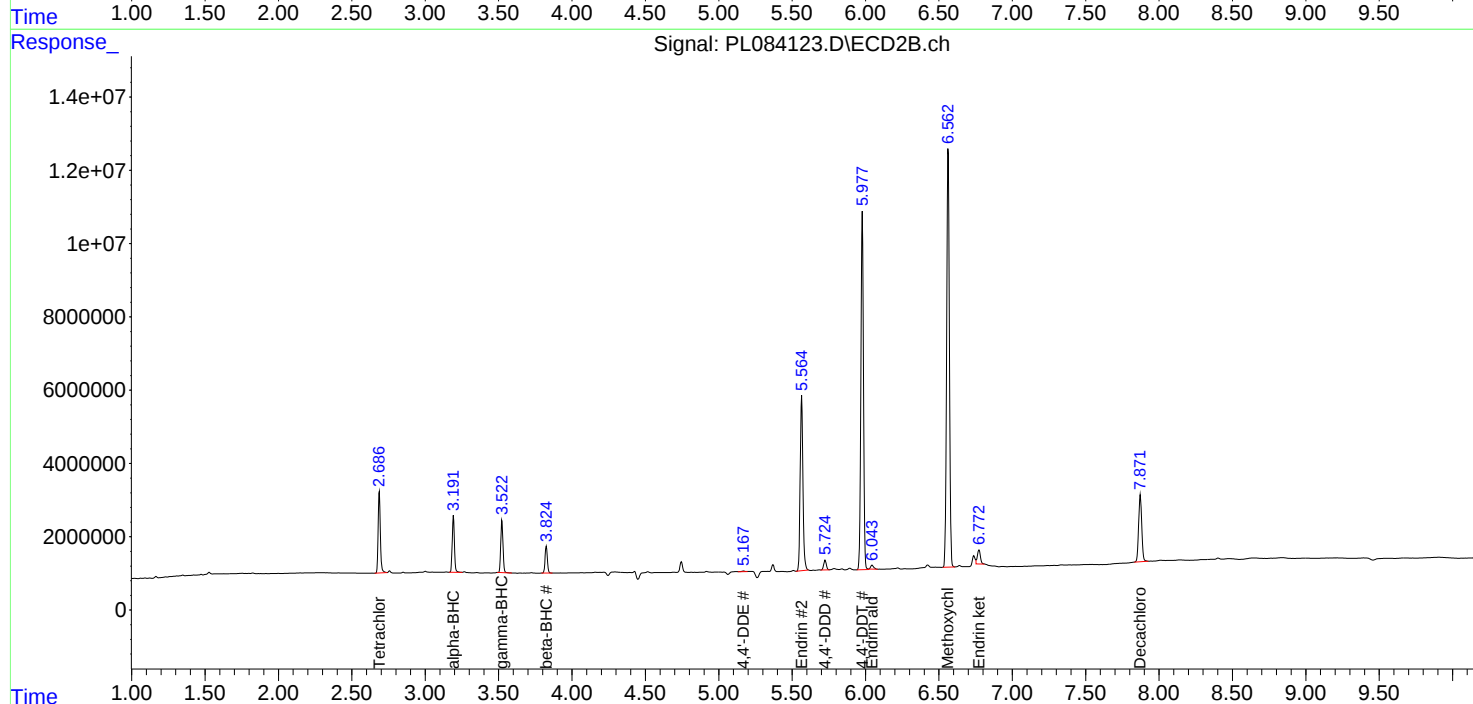
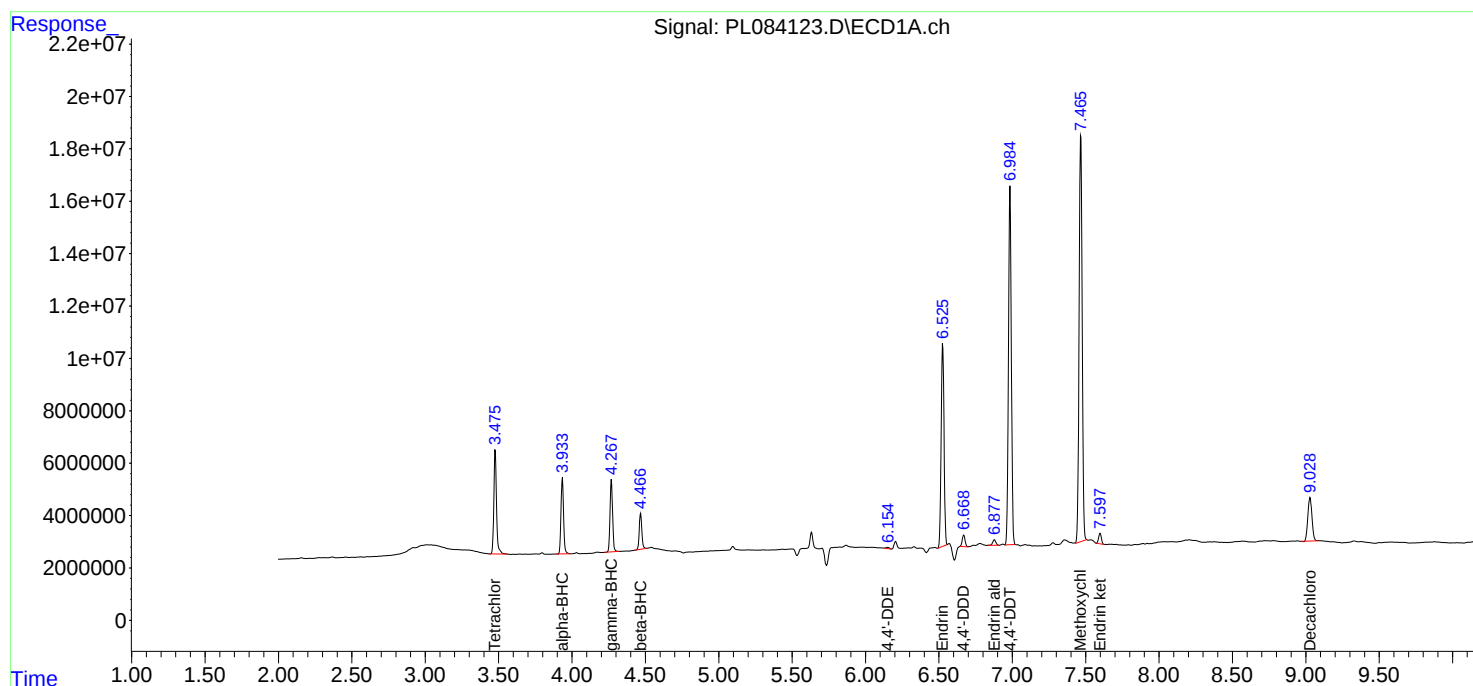
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ECD_L
ClientSampleId :
PEM

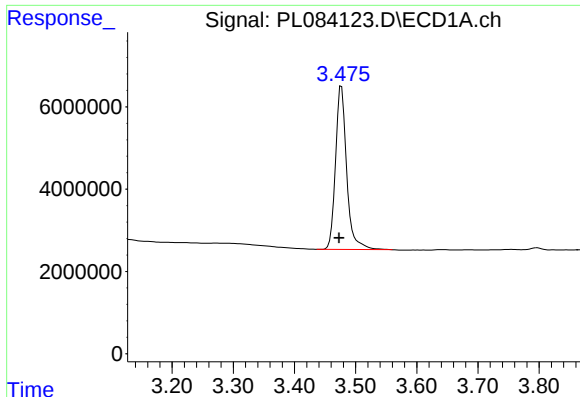
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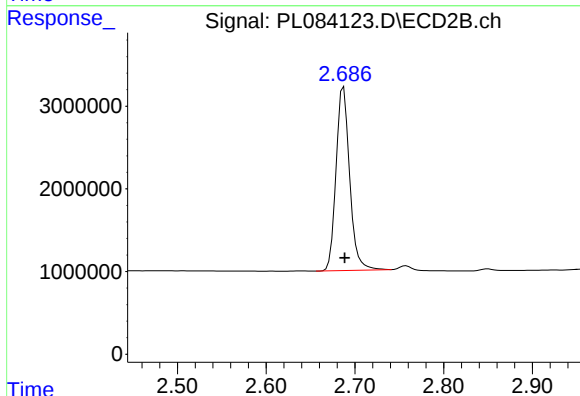
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.004 min
Response: 50331238
Conc: 25.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

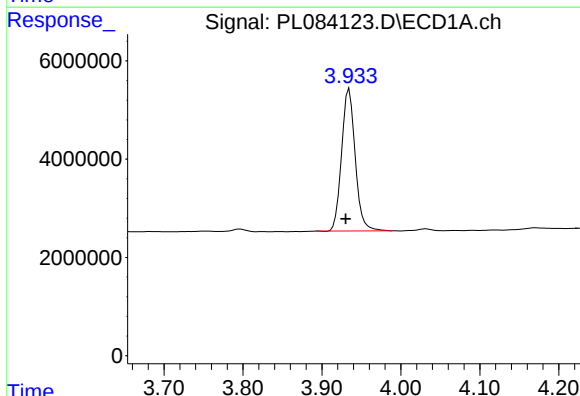
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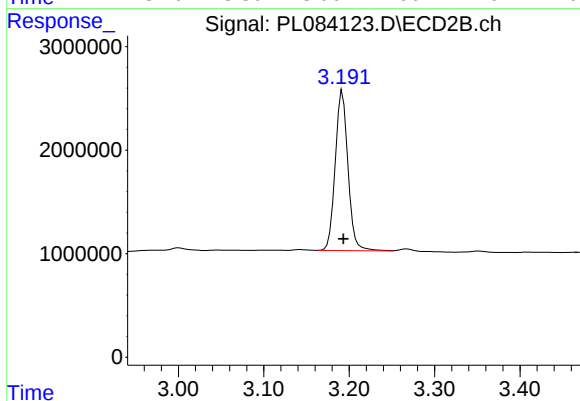
#1 Tetrachloro-m-xylene

R.T.: 2.687 min
Delta R.T.: -0.001 min
Response: 23685383
Conc: 21.33 ng/ml



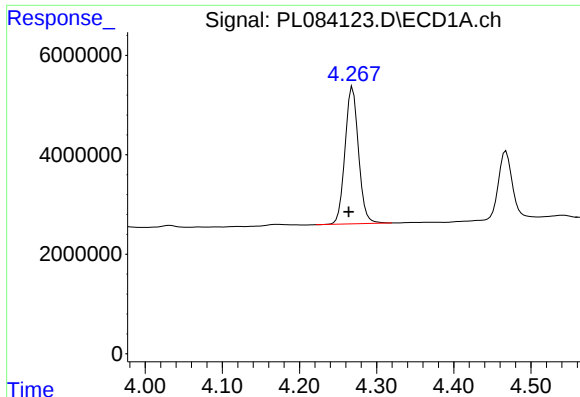
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.004 min
Response: 34601608
Conc: 11.81 ng/ml



#2 alpha-BHC

R.T.: 3.192 min
Delta R.T.: 0.000 min
Response: 16077643
Conc: 10.00 ng/ml



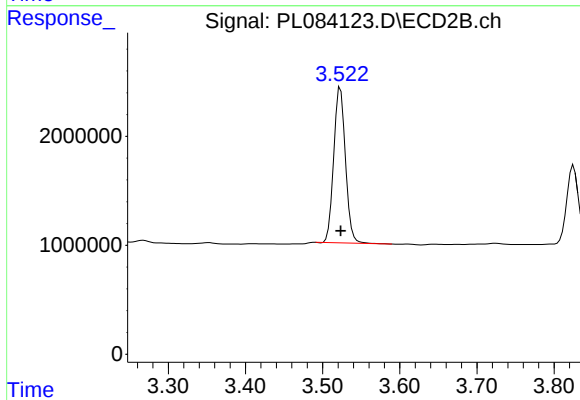
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.005 min
Response: 33287001
Conc: 11.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

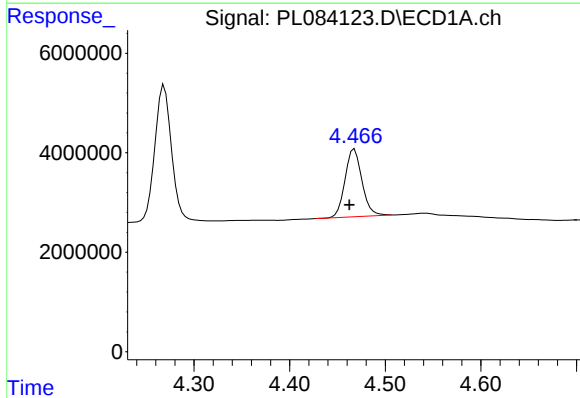
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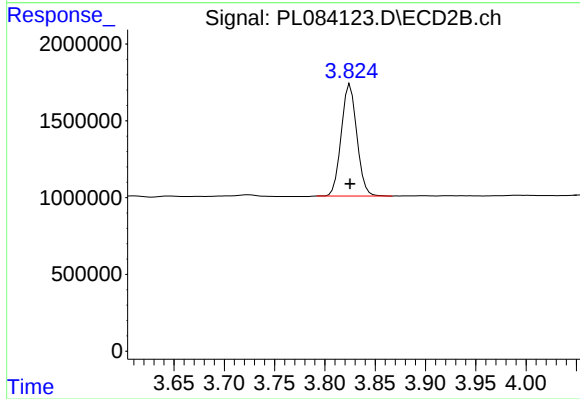
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 15139511
Conc: 9.96 ng/ml



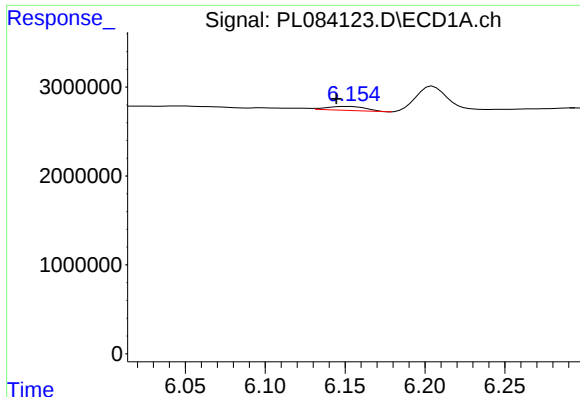
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.005 min
Response: 16949444
Conc: 14.13 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 7854987
Conc: 11.90 ng/ml



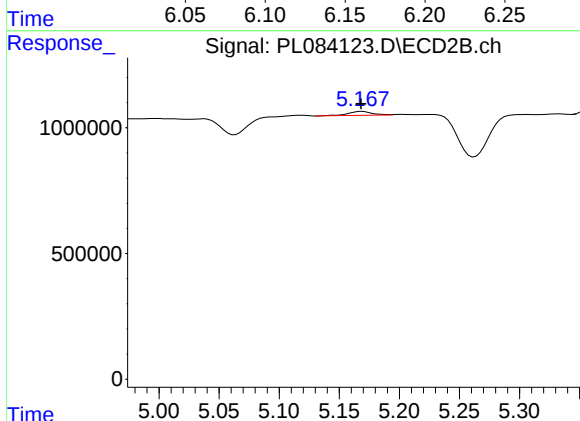
#12 4,4'-DDE

R.T.: 6.151 min
Delta R.T.: 0.007 min
Response: 754292
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

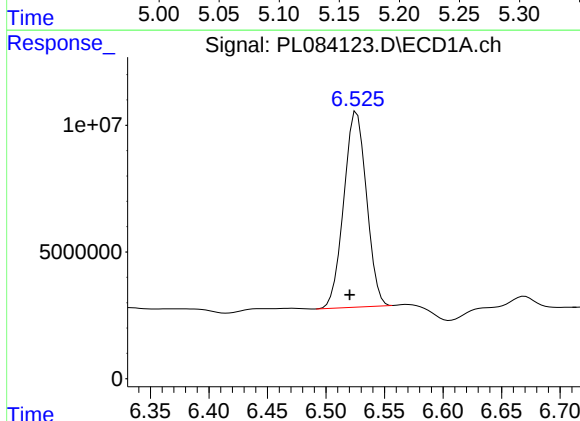
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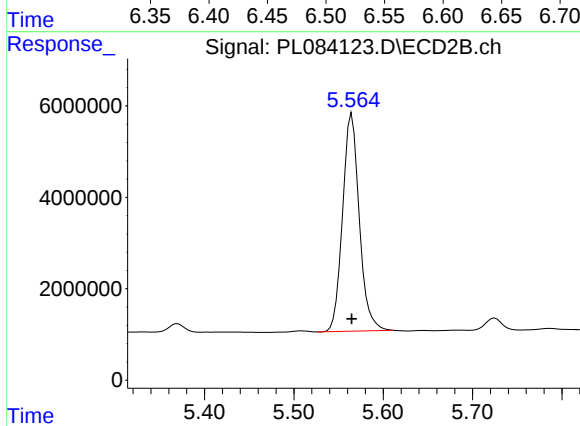
#12 4,4'-DDE

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 222399
Conc: 0.18 ng/ml



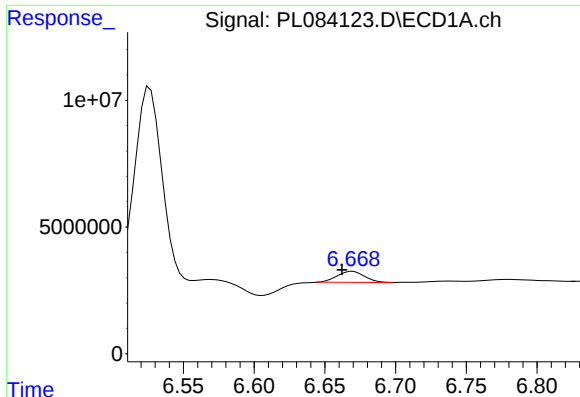
#14 Endrin

R.T.: 6.525 min
Delta R.T.: 0.005 min
Response: 104441031
Conc: 54.84 ng/ml m



#14 Endrin

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 61737457
Conc: 56.16 ng/ml



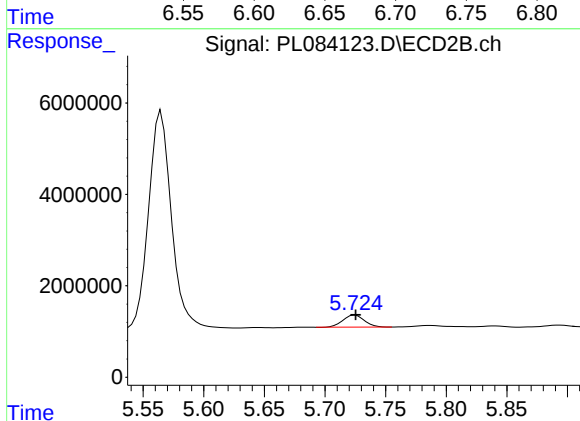
#16 4,4'-DDD

R.T.: 6.668 min
Delta R.T.: 0.006 min
Response: 5907830
Conc: 4.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

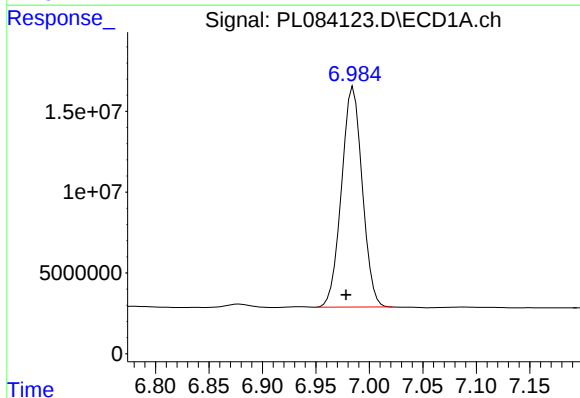
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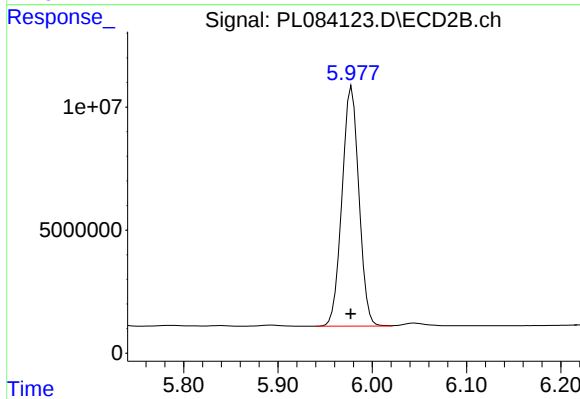
#16 4,4'-DDD

R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 3230004
Conc: 3.37 ng/ml



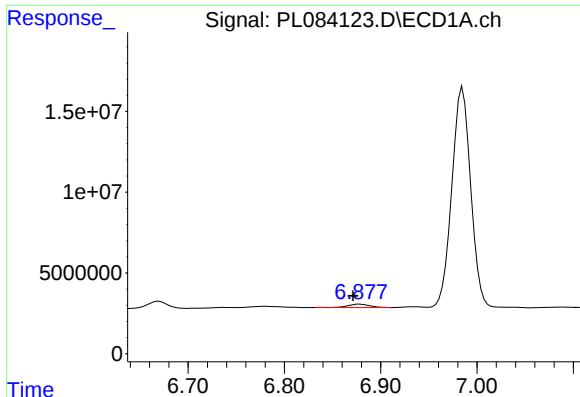
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: 0.007 min
Response: 184316466
Conc: 115.57 ng/ml



#17 4,4'-DDT

R.T.: 5.978 min
Delta R.T.: 0.001 min
Response: 121390445
Conc: 133.28 ng/ml



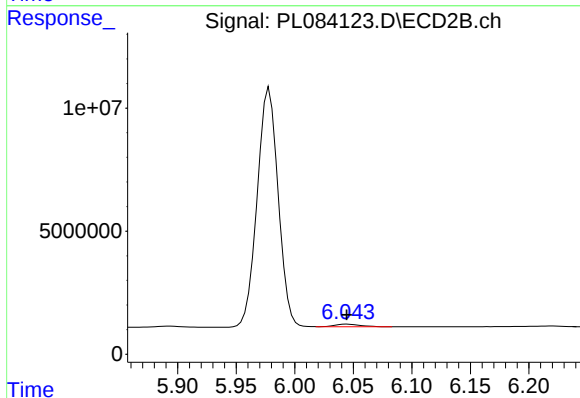
#18 Endrin aldehyde

R.T.: 6.878 min
Delta R.T.: 0.007 min
Response: 3165645
Conc: 2.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

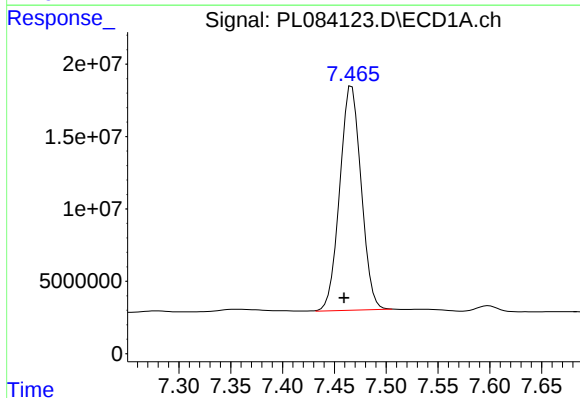
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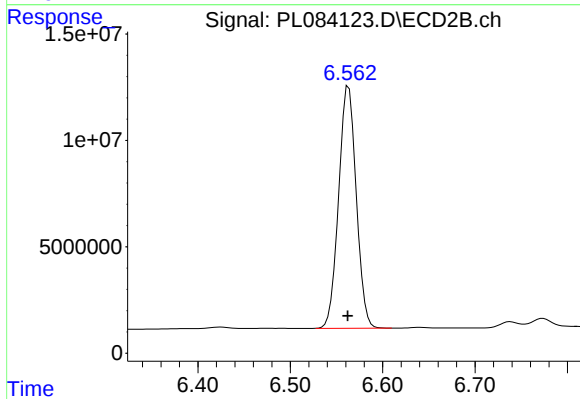
#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 1630114
Conc: 1.81 ng/ml m



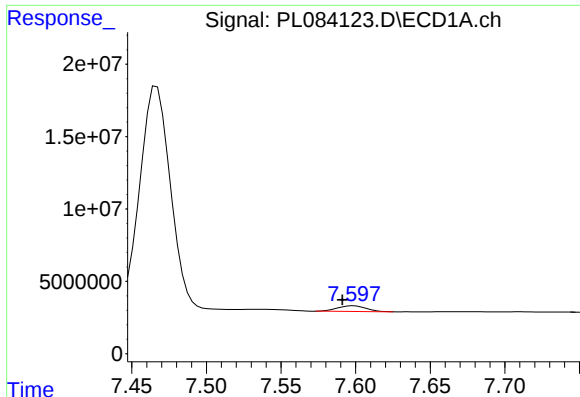
#20 Methoxychlor

R.T.: 7.465 min
Delta R.T.: 0.006 min
Response: 222687224
Conc: 284.69 ng/ml m



#20 Methoxychlor

R.T.: 6.563 min
Delta R.T.: 0.001 min
Response: 150985736
Conc: 315.05 ng/ml



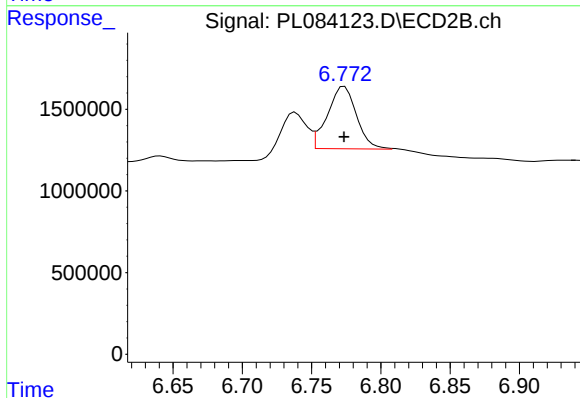
#21 Endrin ketone

R.T.: 7.597 min
Delta R.T.: 0.006 min
Response: 5254373
Conc: 3.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

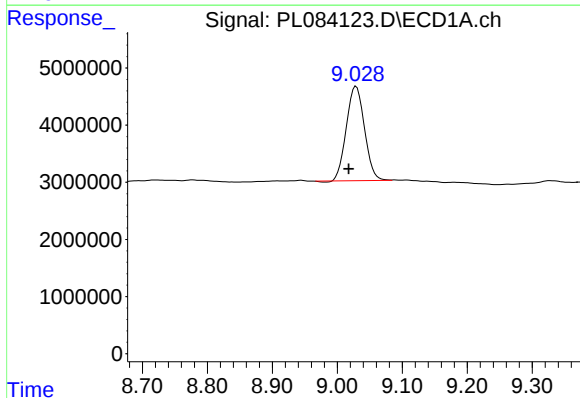
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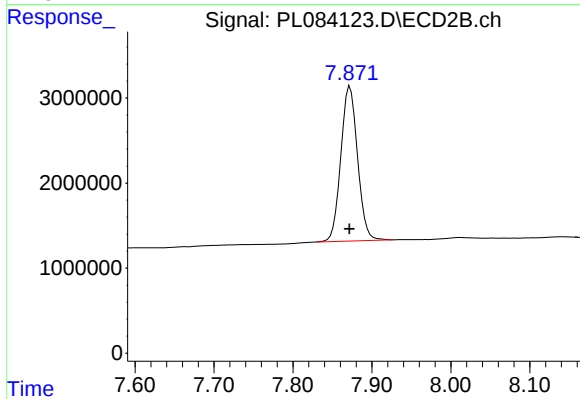
#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: -0.001 min
Response: 5494564
Conc: 4.25 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.011 min
Response: 32002590
Conc: 24.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.872 min
Delta R.T.: 0.000 min
Response: 26784038
Conc: 24.11 ng/ml