

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081723\
 Data File : PL084795.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2023 08:48
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/17/2023
 Supervised By : Ankita Jodhani 08/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 22:15:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 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...	3.478	2.686	52006710	24357651	22.383	22.400
28)	SA Decachlor...	9.029	7.866	35605534	26968784	21.883	21.630
Target Compounds							
2)	A alpha-BHC	3.936	3.191	35883739	16576346	10.869	10.735
3)	MA gamma-BHC...	4.270	3.521	35165275	15714501	11.024	10.342
6)	B beta-BHC	4.470	3.823	18096729	8114922	12.955	12.111
12)	B 4,4'-DDE	6.152	5.163	498990	232448	0.217	0.189
14)	MA Endrin	6.527	5.560	102.5E6	63883024	47.019	52.226
16)	A 4,4'-DDD	6.669	5.720	4719667	2579394	2.815	2.496
17)	MA 4,4'-DDT	6.986	5.973	194.6E6	134.6E6	103.866	115.991
18)	B Endrin al...	6.880	6.040	3549902	2404842	2.104	2.425
20)	A Methoxychlor	7.467	6.558	234.3E6	170.5E6	244.179	248.524
21)	B Endrin ke...	7.598	6.767	6626448	5143710	3.313m	3.565m

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

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ALS Vial : 3 Sample Multiplier: 1

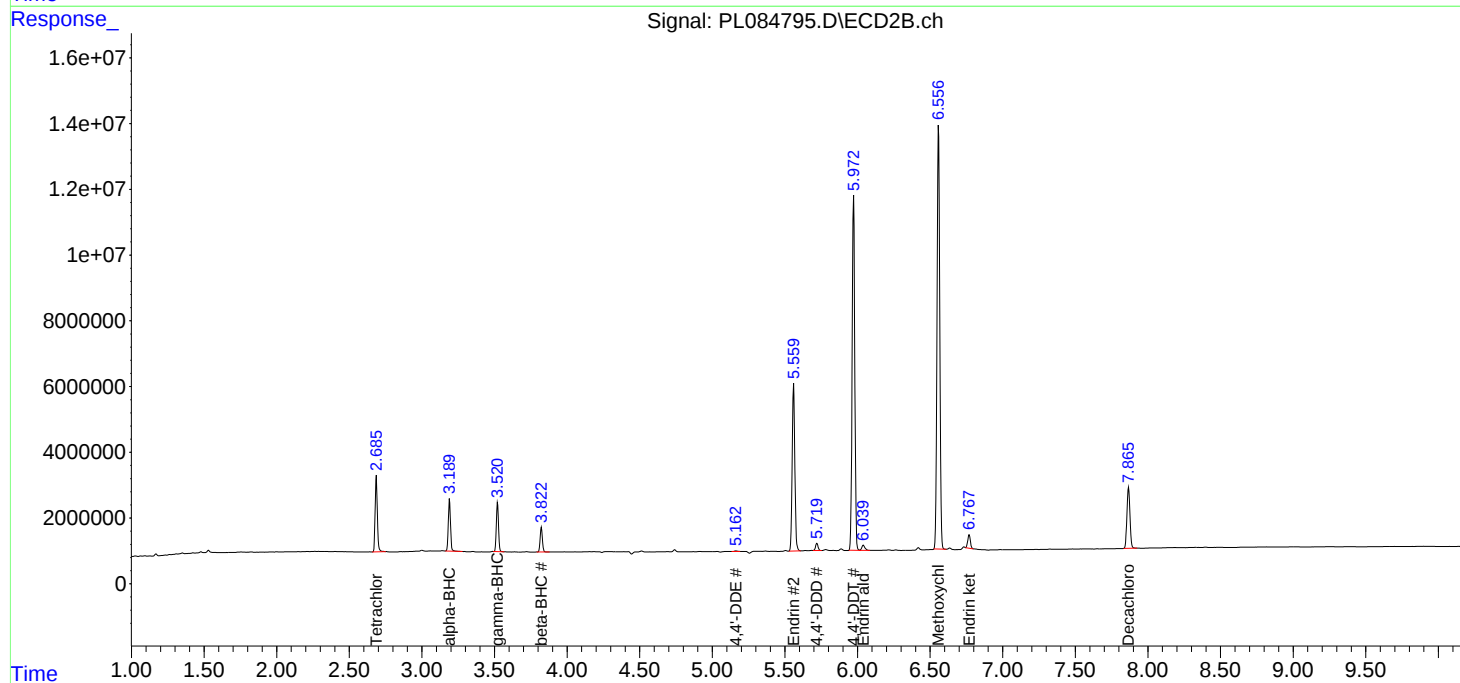
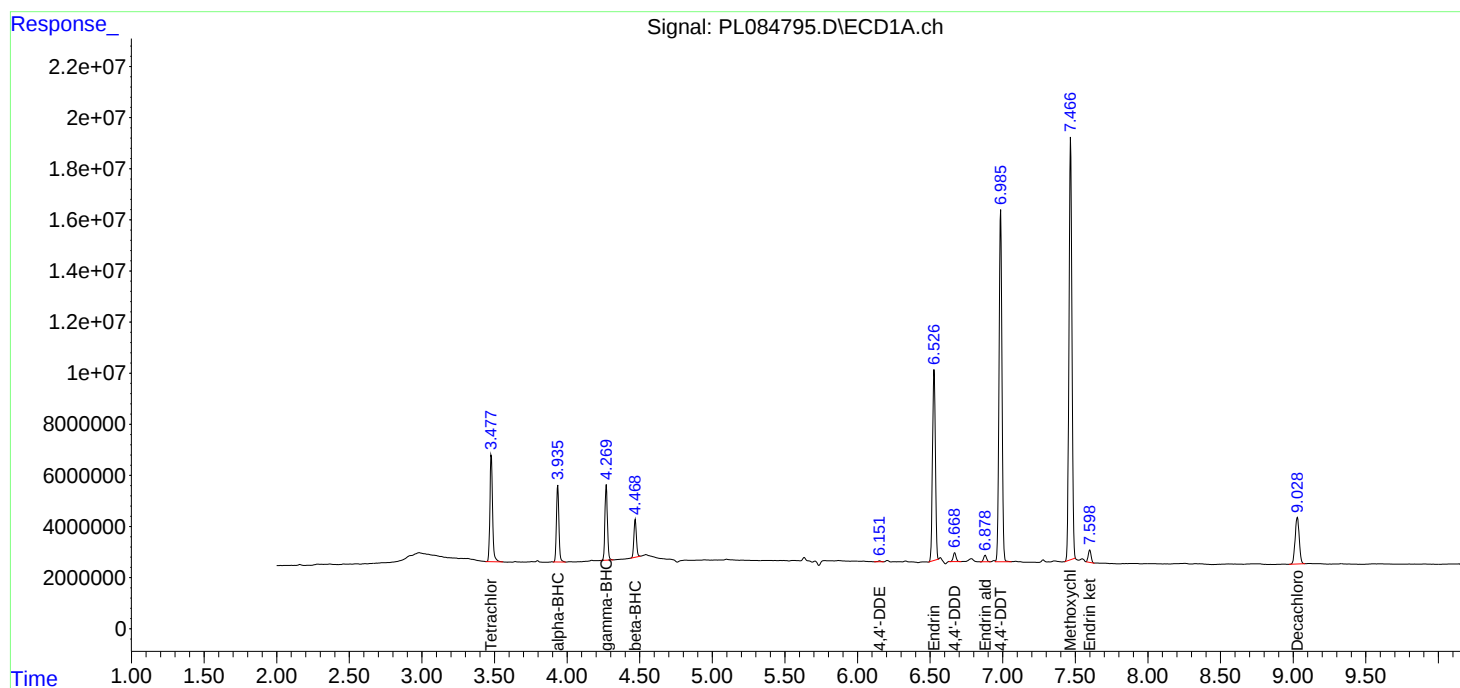
Instrument :
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PEM

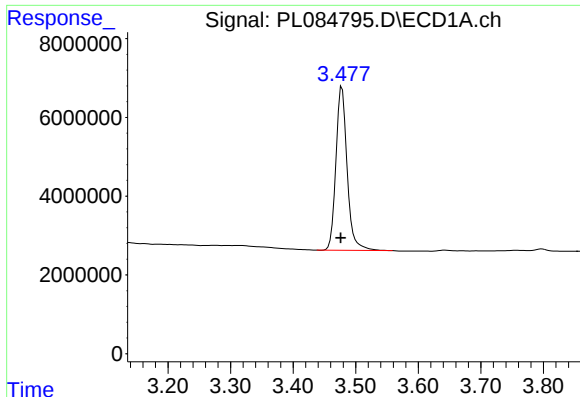
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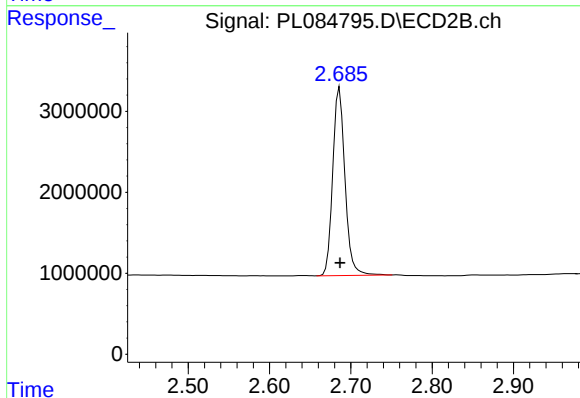
#1 Tetrachloro-m-xylene

R.T.: 3.478 min
Delta R.T.: 0.002 min
Response: 52006710
Conc: 22.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

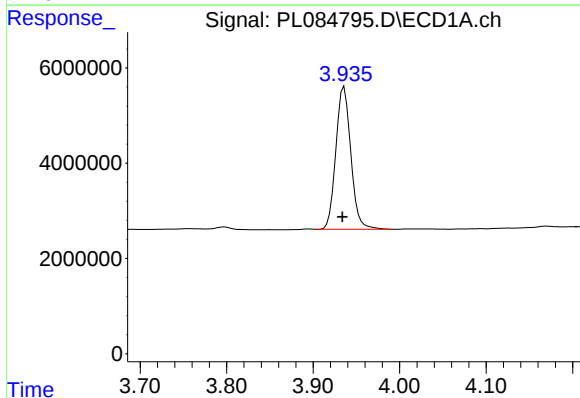
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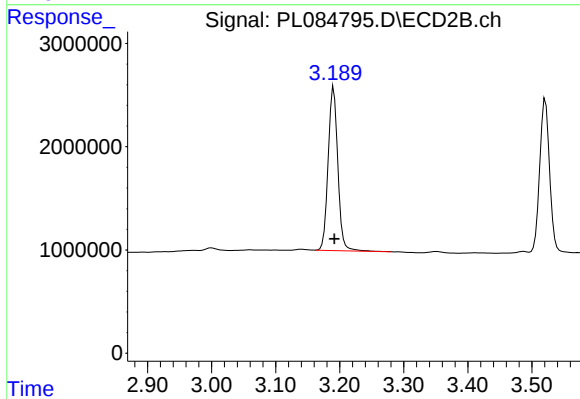
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: 0.000 min
Response: 24357651
Conc: 22.40 ng/ml



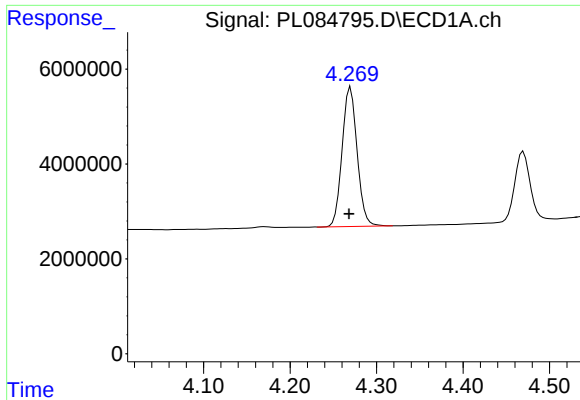
#2 alpha-BHC

R.T.: 3.936 min
Delta R.T.: 0.002 min
Response: 35883739
Conc: 10.87 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: -0.001 min
Response: 16576346
Conc: 10.74 ng/ml



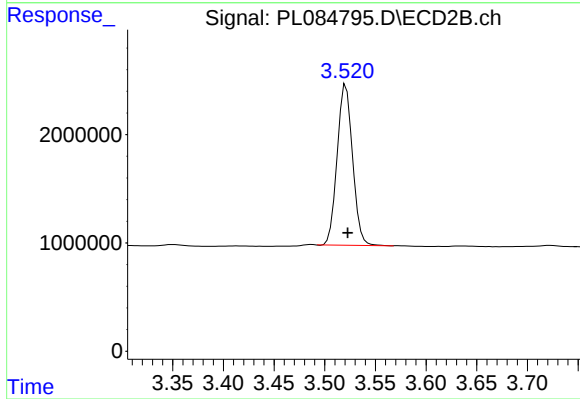
#3 gamma-BHC (Lindane)

R.T.: 4.270 min
Delta R.T.: 0.002 min
Response: 35165275
Conc: 11.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

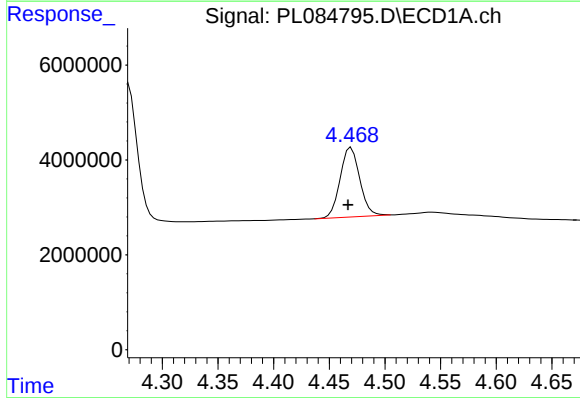
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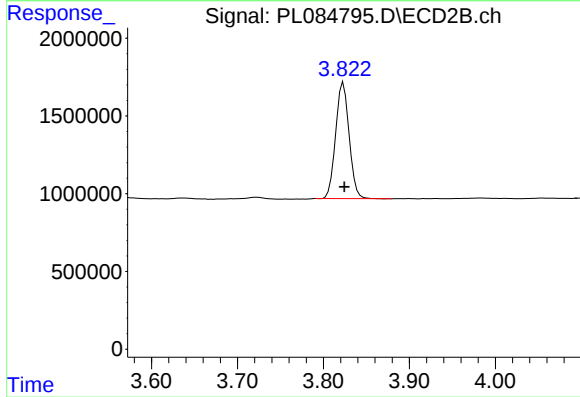
#3 gamma-BHC (Lindane)

R.T.: 3.521 min
Delta R.T.: -0.002 min
Response: 15714501
Conc: 10.34 ng/ml



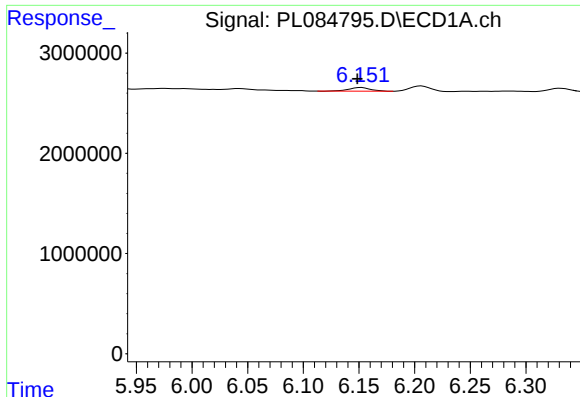
#6 beta-BHC

R.T.: 4.470 min
Delta R.T.: 0.003 min
Response: 18096729
Conc: 12.95 ng/ml



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: -0.001 min
Response: 8114922
Conc: 12.11 ng/ml



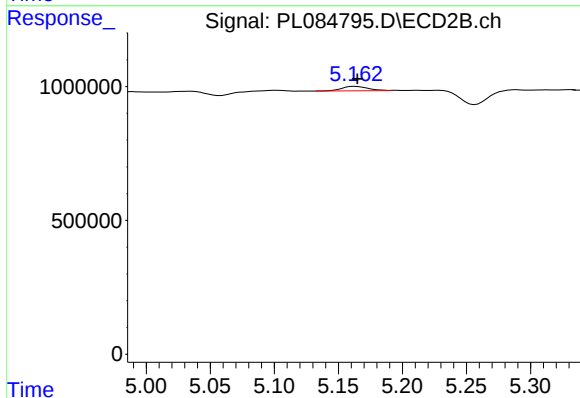
#12 4,4'-DDE

R.T.: 6.152 min
Delta R.T.: 0.004 min
Response: 498990
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

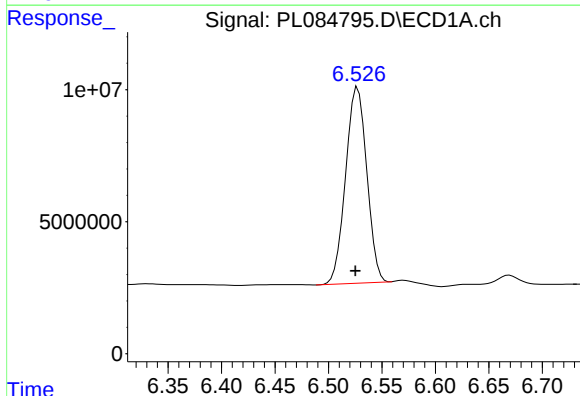
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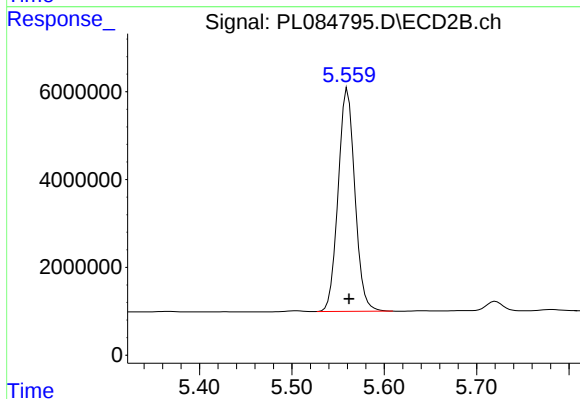
#12 4,4'-DDE

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 232448
Conc: 0.19 ng/ml



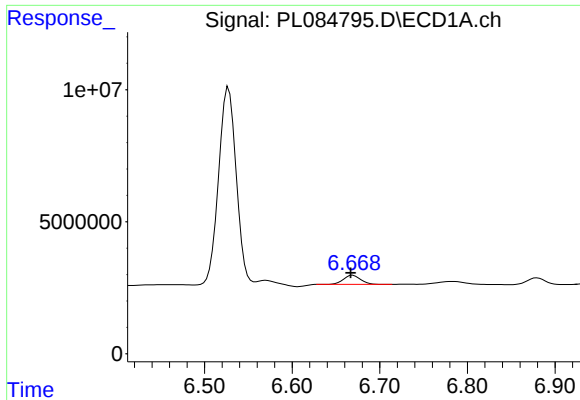
#14 Endrin

R.T.: 6.527 min
Delta R.T.: 0.002 min
Response: 102547247
Conc: 47.02 ng/ml



#14 Endrin

R.T.: 5.560 min
Delta R.T.: -0.002 min
Response: 63883024
Conc: 52.23 ng/ml



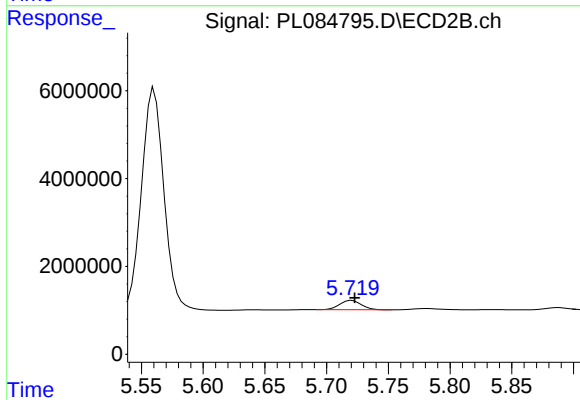
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 4719667
Conc: 2.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

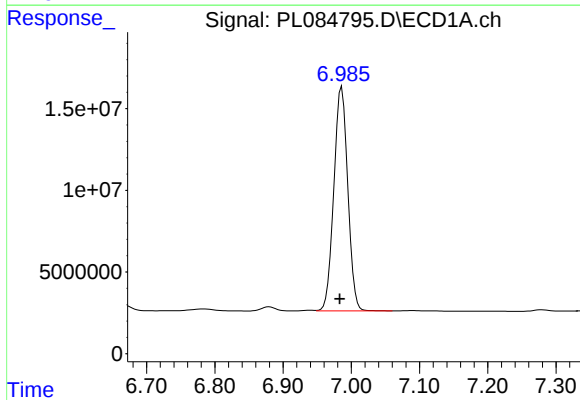
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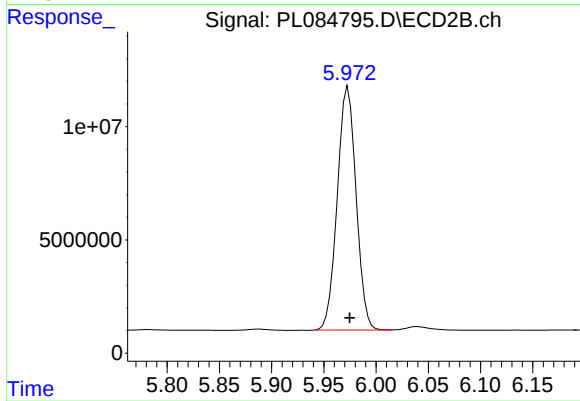
#16 4,4'-DDD

R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 2579394
Conc: 2.50 ng/ml



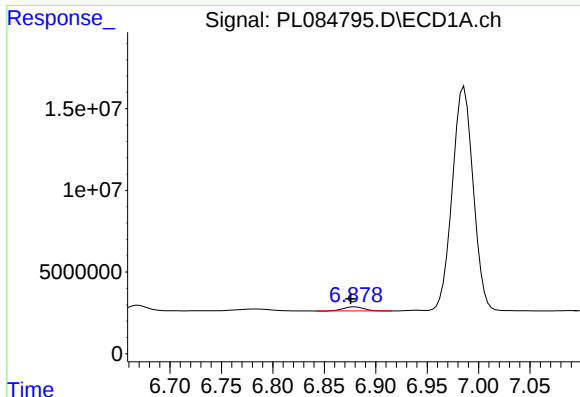
#17 4,4'-DDT

R.T.: 6.986 min
Delta R.T.: 0.003 min
Response: 194614504
Conc: 103.87 ng/ml



#17 4,4'-DDT

R.T.: 5.973 min
Delta R.T.: -0.002 min
Response: 134614628
Conc: 115.99 ng/ml



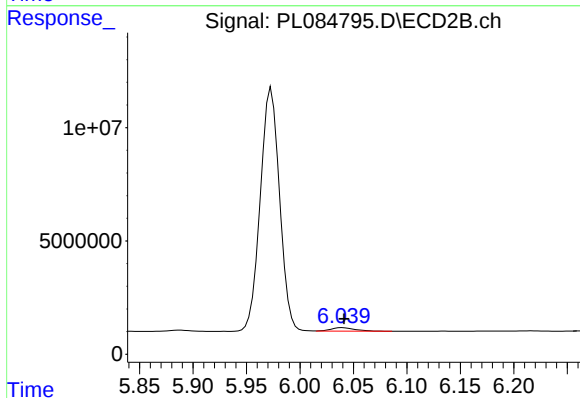
#18 Endrin aldehyde

R.T.: 6.880 min
Delta R.T.: 0.004 min
Response: 3549902
Conc: 2.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

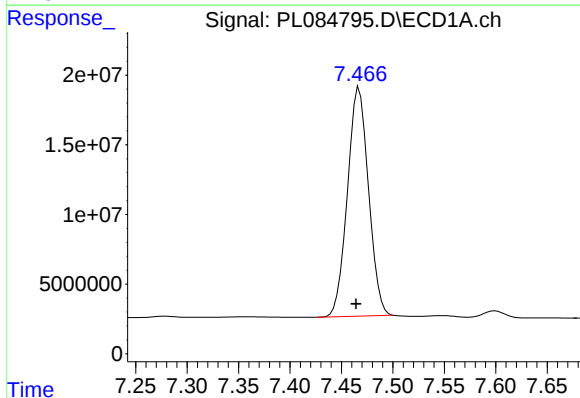
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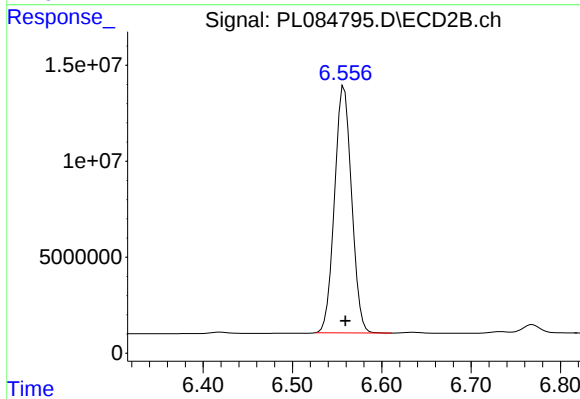
#18 Endrin aldehyde

R.T.: 6.040 min
Delta R.T.: -0.001 min
Response: 2404842
Conc: 2.42 ng/ml



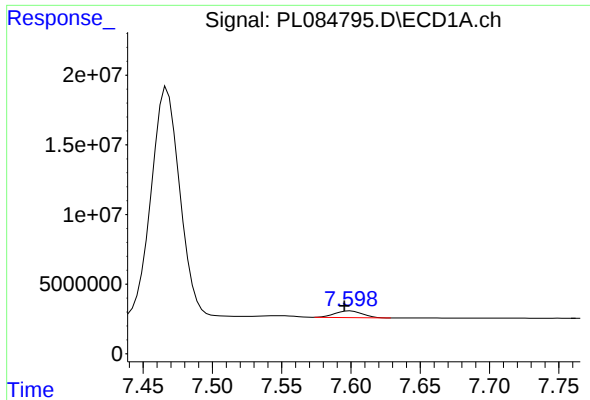
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 234335239
Conc: 244.18 ng/ml



#20 Methoxychlor

R.T.: 6.558 min
Delta R.T.: -0.001 min
Response: 170512032
Conc: 248.52 ng/ml



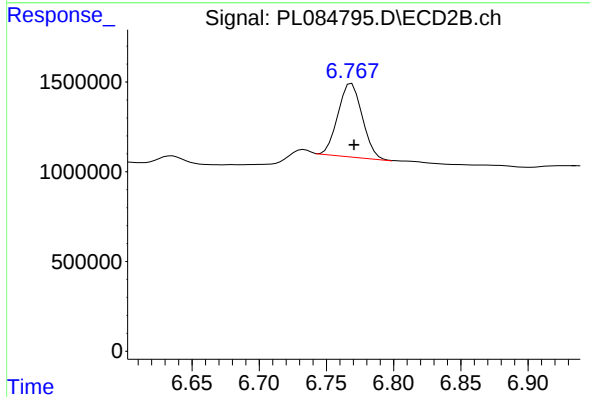
#21 Endrin ketone

R.T.: 7.598 min
Delta R.T.: 0.003 min
Response: 6626448
Conc: 3.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

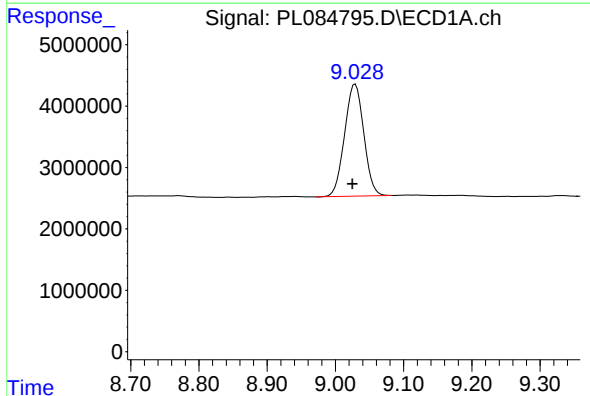
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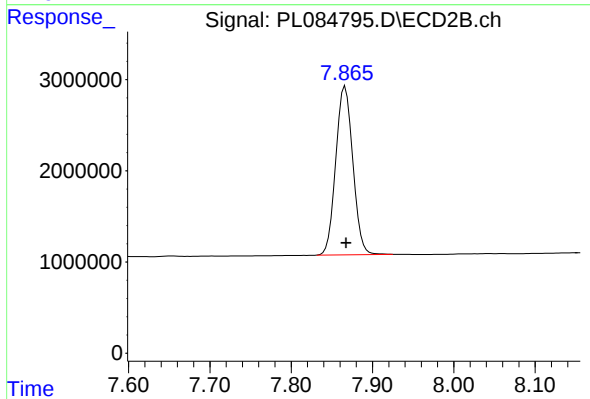
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.003 min
Response: 5143710
Conc: 3.57 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.029 min
Delta R.T.: 0.004 min
Response: 35605534
Conc: 21.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.866 min
Delta R.T.: -0.001 min
Response: 26968784
Conc: 21.63 ng/ml