

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072723\
 Data File : PL084316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2023 19:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/28/2023
 Supervised By :Ankita Jodhani 07/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 21:40:50 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	2.688	45443005	23448277	22.723	21.114
28)	SA Decachlor...	9.024	7.869	33463298	26106263	25.708	23.495
Target Compounds							
2)	A alpha-BHC	3.934	3.193	30741682	15893462	10.493	9.885
3)	MA gamma-BHC...	4.268	3.523	29575663	14895675	10.468	9.795
6)	B beta-BHC	4.467	3.825	15873836	7777517	13.230	11.783
12)	B 4,4'-DDE	6.148	5.166	900783	391317	0.448	0.319 #
14)	MA Endrin	6.525	5.563	88598149	60693747	46.522	55.214
16)	A 4,4'-DDD	6.667	5.723	9001754	5308658	6.130	5.534
17)	MA 4,4'-DDT	6.982	5.977	158.3E6	118.8E6	99.273	130.462 #
18)	B Endrin al...	6.877	6.043	3362772	2296187	2.295	2.554
20)	A Methoxychlor	7.462	6.560	194.1E6	152.1E6	248.107m	317.311 #
21)	B Endrin ke...	7.594	6.769	6838592	5121575	3.902m	3.964m

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

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Acq On : 27 Jul 2023 19:05
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

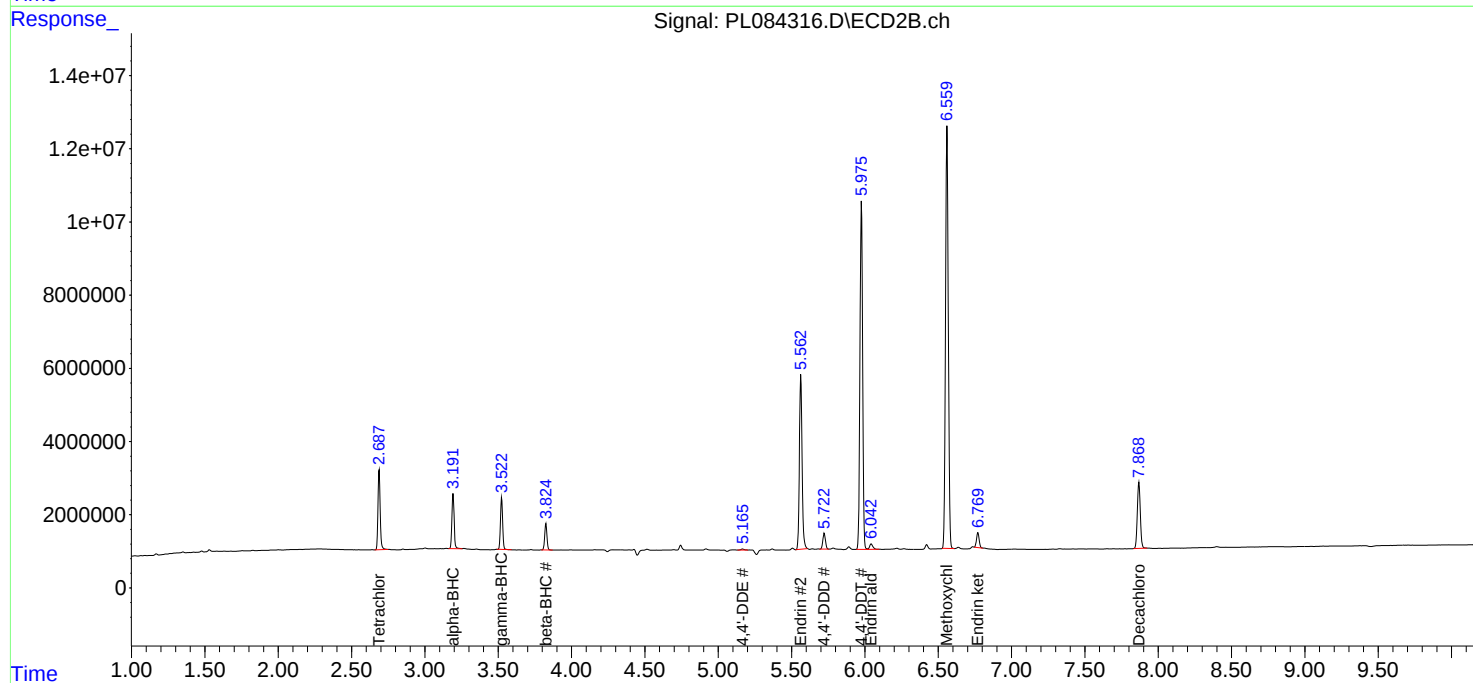
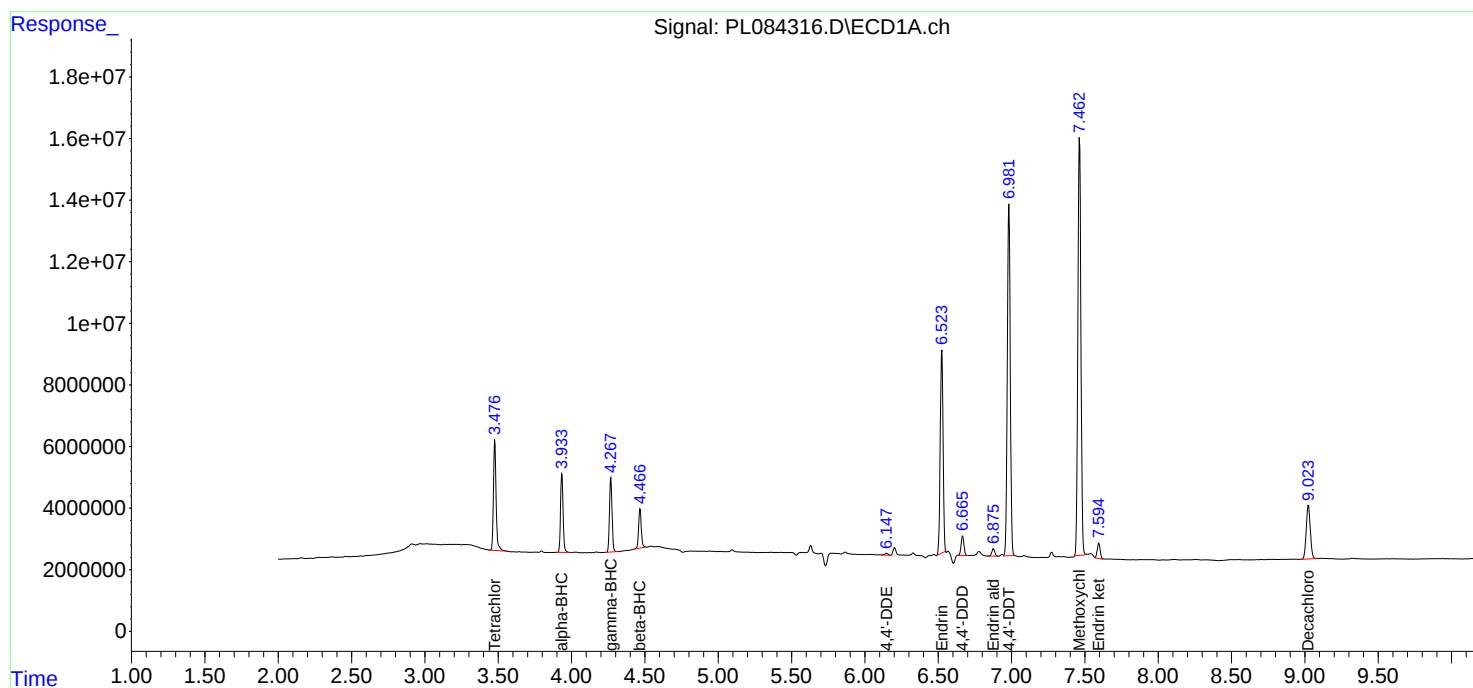
Instrument :
ECD_L
ClientSampleId :
PEM

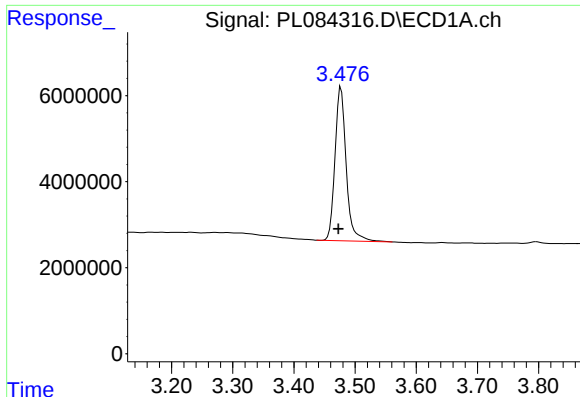
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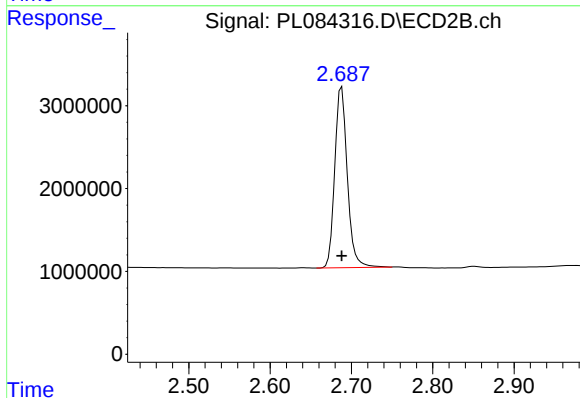
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.004 min
Response: 45443005
Conc: 22.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

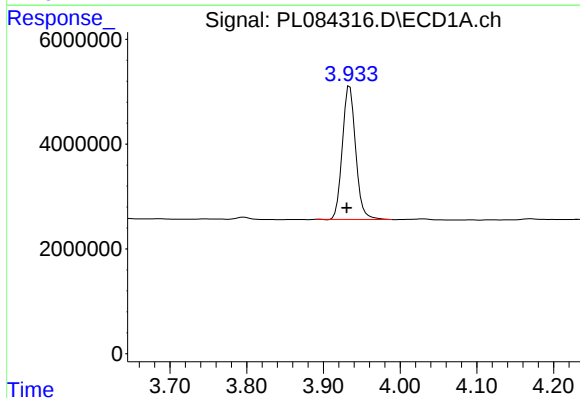
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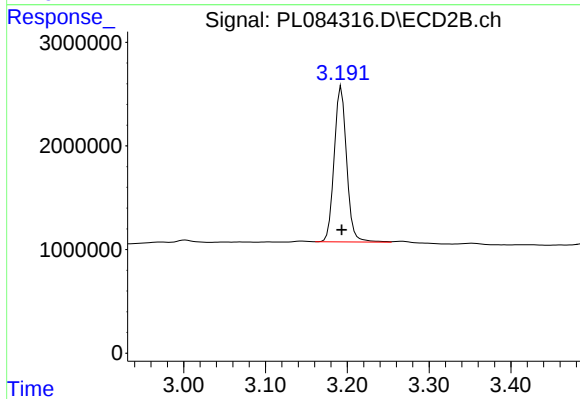
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 23448277
Conc: 21.11 ng/ml



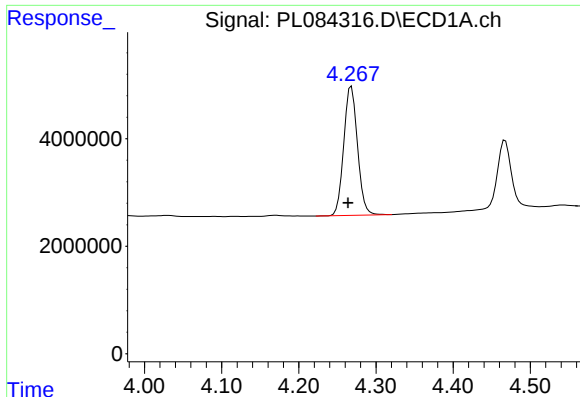
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.004 min
Response: 30741682
Conc: 10.49 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 15893462
Conc: 9.88 ng/ml



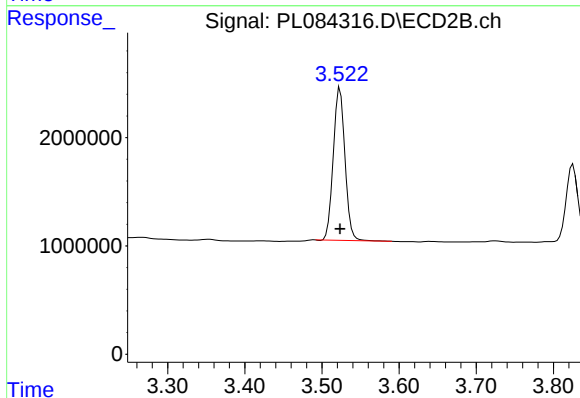
#3 gamma-BHC (Lindane)

R.T.: 4.268 min
Delta R.T.: 0.004 min
Response: 29575663
Conc: 10.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

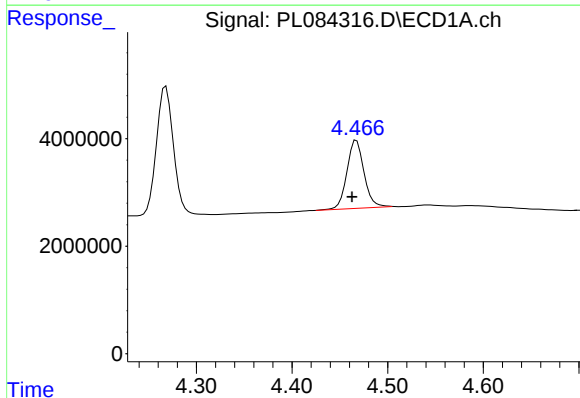
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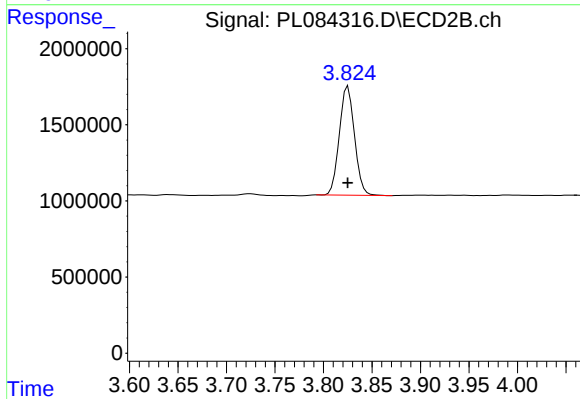
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 14895675
Conc: 9.80 ng/ml



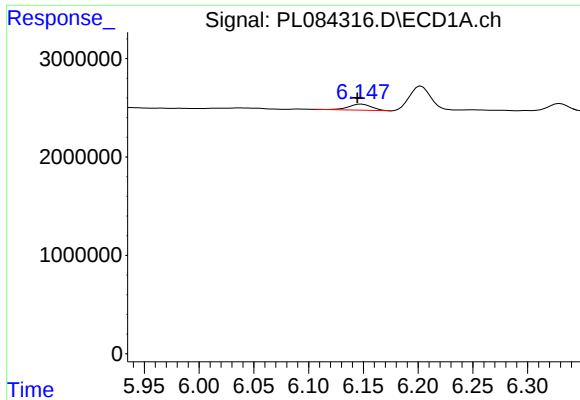
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: 0.005 min
Response: 15873836
Conc: 13.23 ng/ml



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 7777517
Conc: 11.78 ng/ml



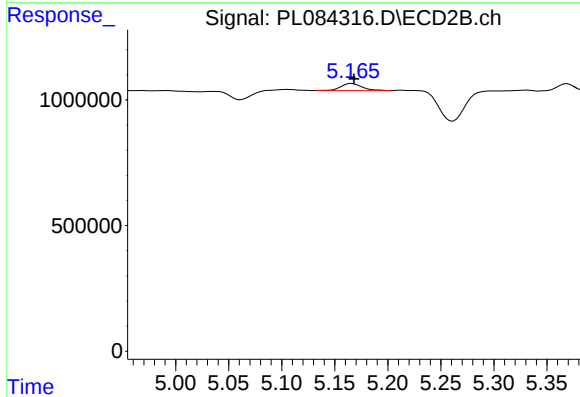
#12 4,4'-DDE

R.T.: 6.148 min
Delta R.T.: 0.004 min
Response: 900783
Conc: 0.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

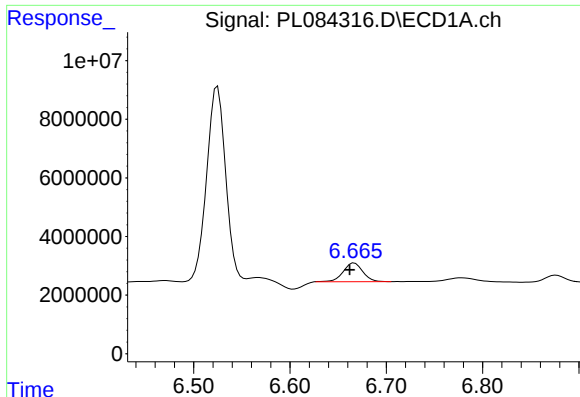
R.T.: 5.166 min
Delta R.T.: -0.002 min
Response: 391317
Conc: 0.32 ng/ml

#14 Endrin

R.T.: 6.525 min
Delta R.T.: 0.005 min
Response: 88598149
Conc: 46.52 ng/ml

#14 Endrin

R.T.: 5.563 min
Delta R.T.: -0.002 min
Response: 60693747
Conc: 55.21 ng/ml



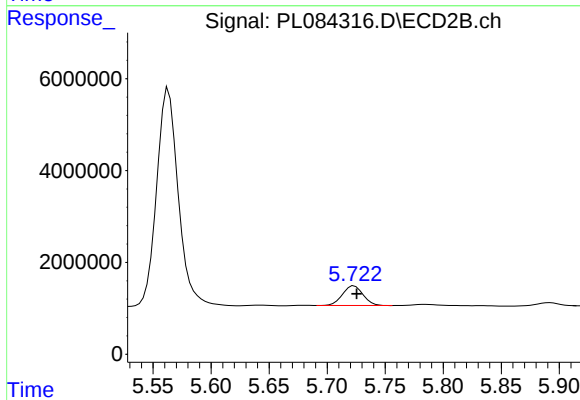
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.005 min
Response: 9001754
Conc: 6.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

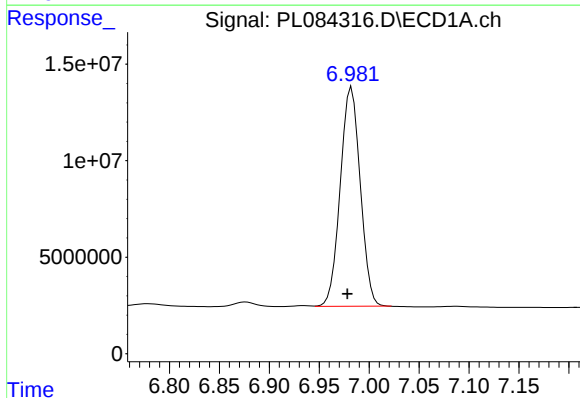
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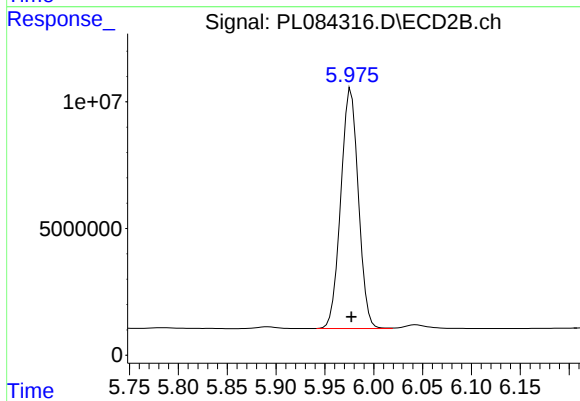
#16 4,4'-DDD

R.T.: 5.723 min
Delta R.T.: -0.002 min
Response: 5308658
Conc: 5.53 ng/ml



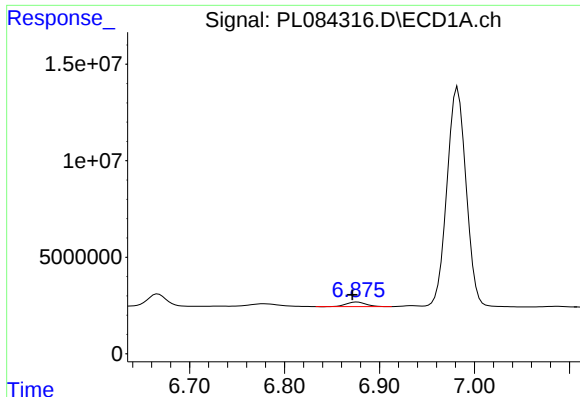
#17 4,4'-DDT

R.T.: 6.982 min
Delta R.T.: 0.004 min
Response: 158320332
Conc: 99.27 ng/ml



#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 118824210
Conc: 130.46 ng/ml



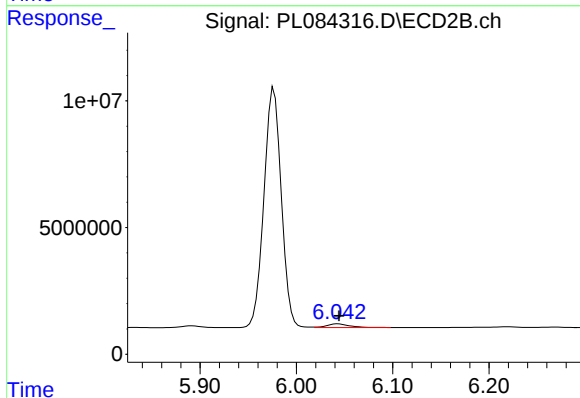
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.005 min
Response: 3362772
Conc: 2.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

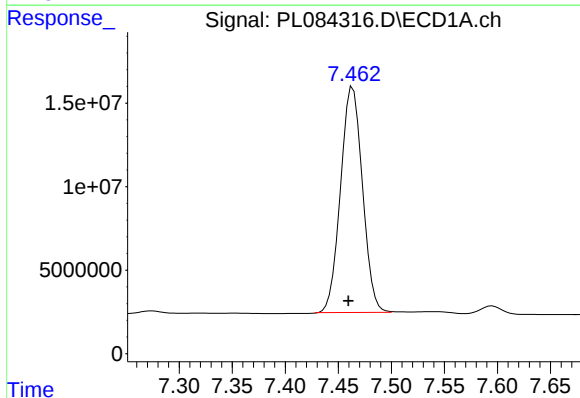
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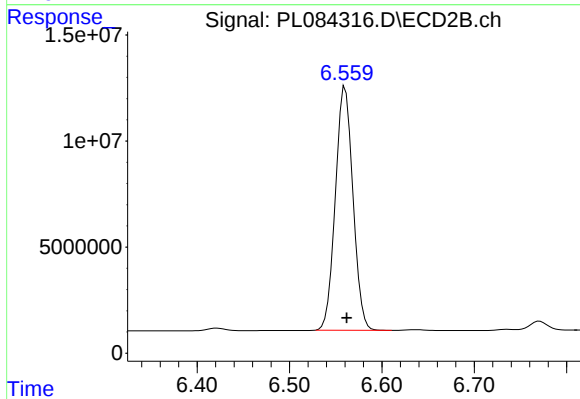
#18 Endrin aldehyde

R.T.: 6.043 min
Delta R.T.: -0.001 min
Response: 2296187
Conc: 2.55 ng/ml



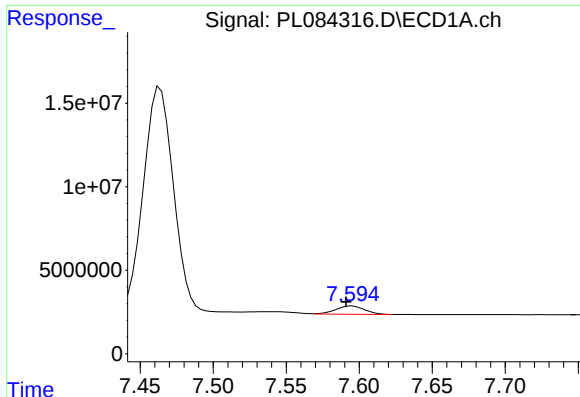
#20 Methoxychlor

R.T.: 7.462 min
Delta R.T.: 0.003 min
Response: 194074647
Conc: 248.11 ng/ml m



#20 Methoxychlor

R.T.: 6.560 min
Delta R.T.: -0.002 min
Response: 152068738
Conc: 317.31 ng/ml



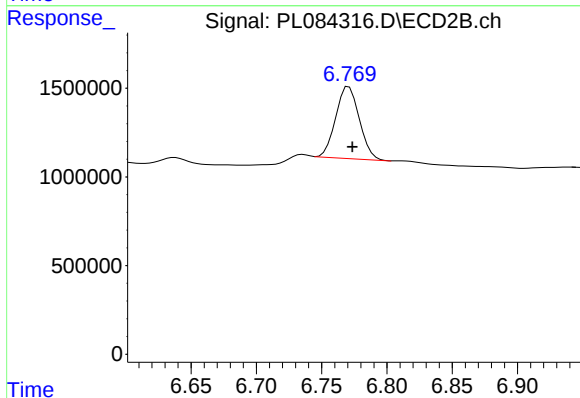
#21 Endrin ketone

R.T.: 7.594 min
Delta R.T.: 0.003 min
Response: 6838592
Conc: 3.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

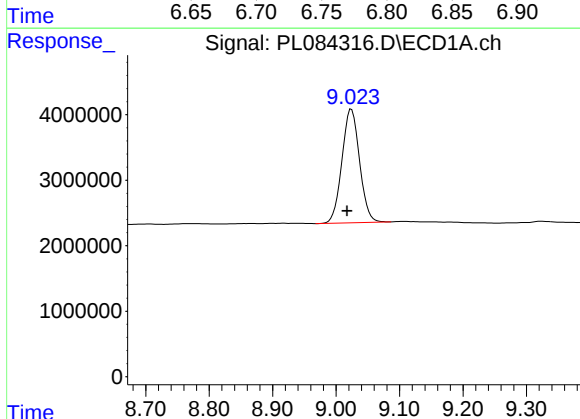
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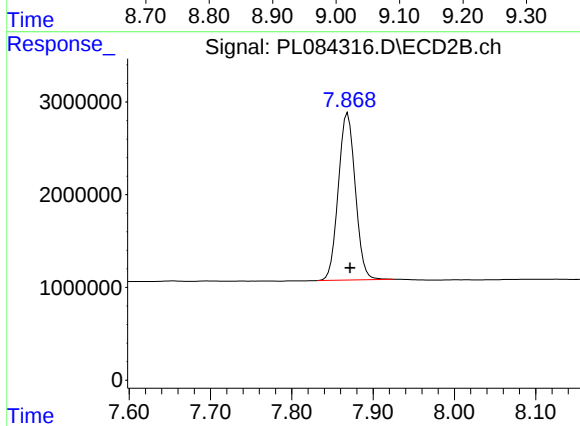
#21 Endrin ketone

R.T.: 6.769 min
Delta R.T.: -0.004 min
Response: 5121575
Conc: 3.96 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.007 min
Response: 33463298
Conc: 25.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.869 min
Delta R.T.: -0.003 min
Response: 26106263
Conc: 23.50 ng/ml