

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072523\
 Data File : PL084171.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jul 2023 08:12
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/26/2023
 Supervised By : Ankita Jodhani 07/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 21:24:19 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	44429755	20439796	22.216	18.405
28)	SA Decachlor...	9.026	7.870	29726882	22757919	22.838	20.482
Target Compounds							
2)	A alpha-BHC	3.934	3.193	30199379	13763611	10.308	8.560
3)	MA gamma-BHC...	4.269	3.523	28864040	12733444	10.216	8.373
6)	B beta-BHC	4.468	3.826	14976776	6592670	12.482	9.988
12)	B 4,4'-DDE	6.148	5.167	899419	389590	0.447	0.317 #
14)	MA Endrin	6.525	5.564	84726866	47393510	44.489	43.115
16)	A 4,4'-DDD	6.667	5.725	7393550	4193552	5.035	4.371
17)	MA 4,4'-DDT	6.983	5.977	149.7E6	93140932	93.858	102.263
18)	B Endrin al...	6.877	6.044	3490378	2177742	2.382	2.423
20)	A Methoxychlor	7.464	6.561	175.2E6	111.7E6	223.976m	233.093
21)	B Endrin ke...	7.595	6.772	6535385	4981084	3.729m	3.855

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

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ALS Vial : 3 Sample Multiplier: 1

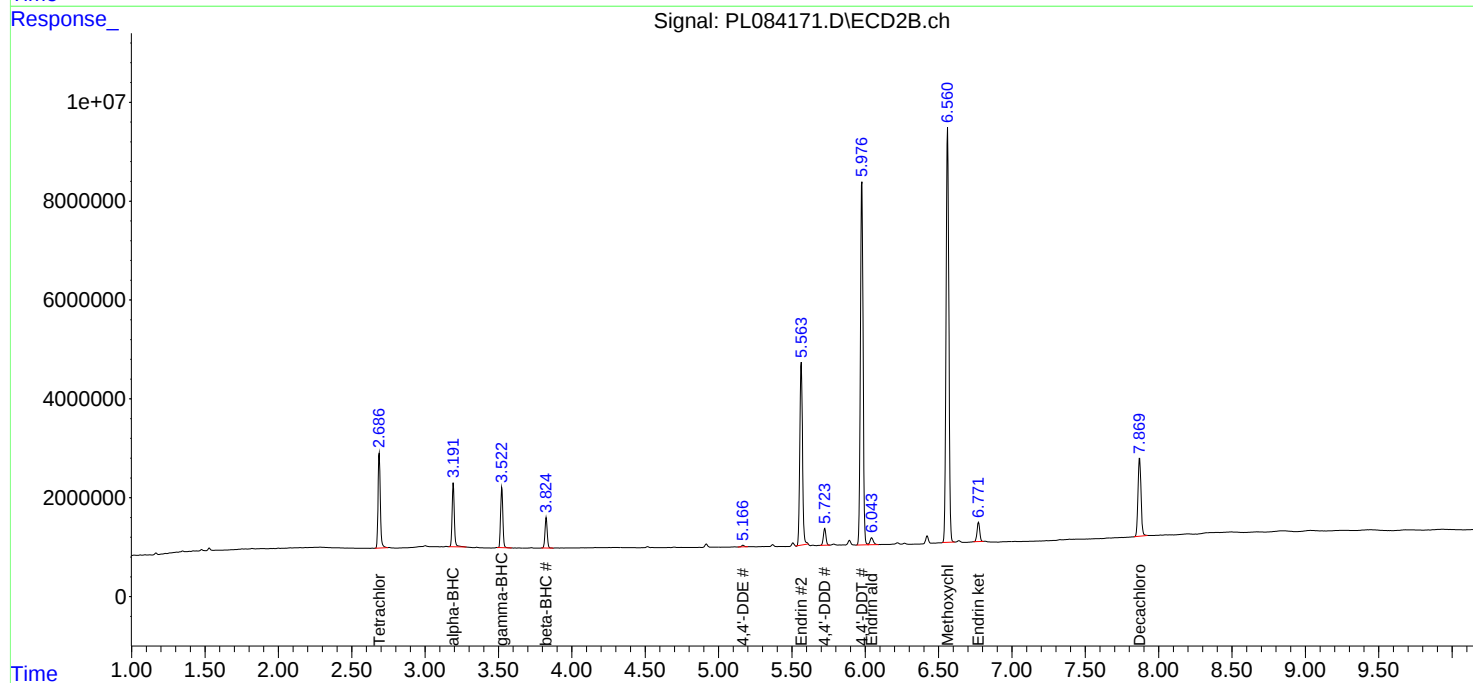
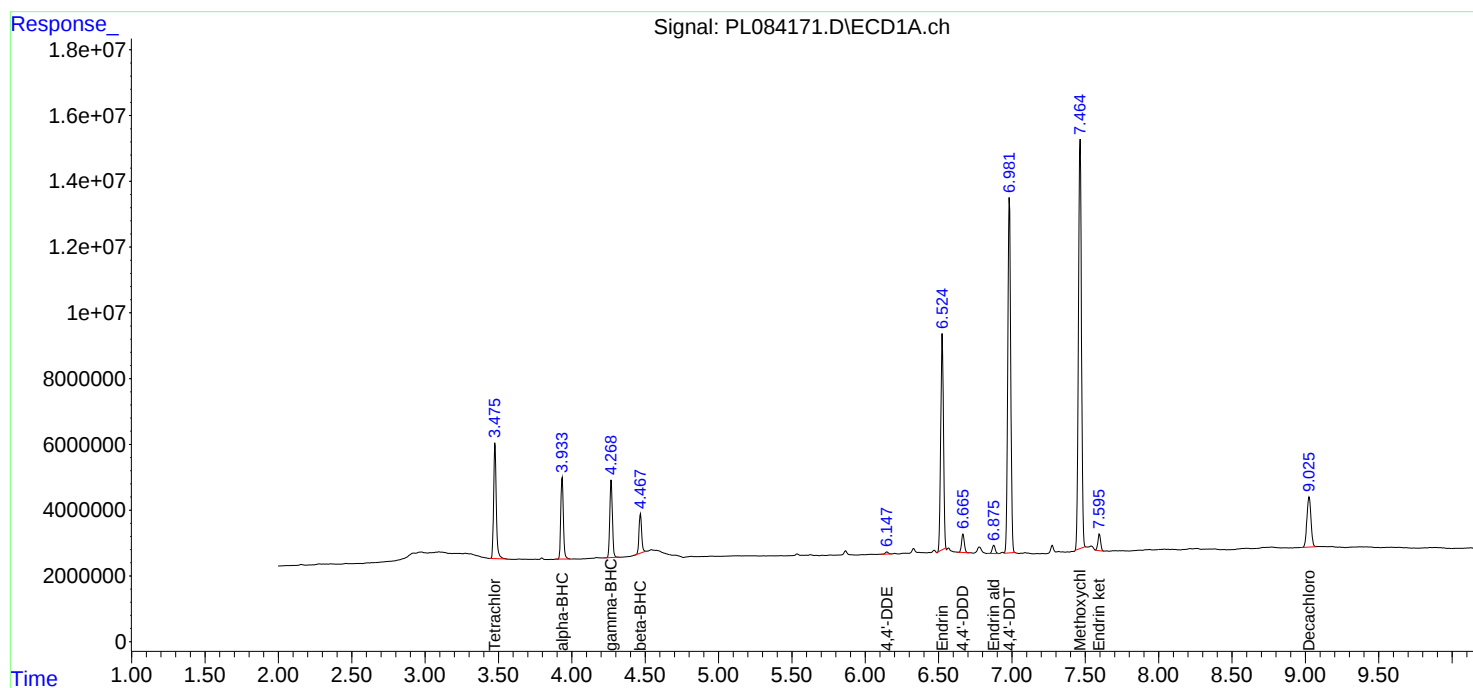
Instrument :
ECD_L
ClientSampleId :
PEM

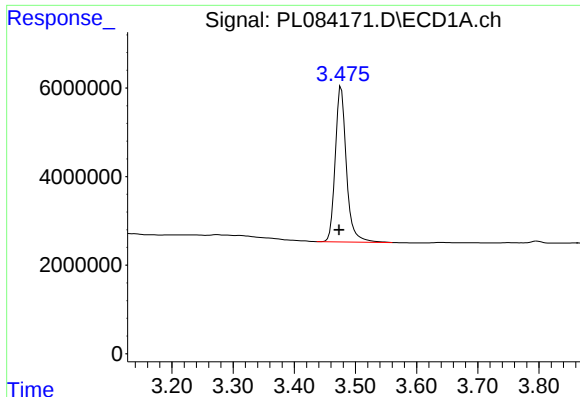
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Integration File signal 1: autoint1.e
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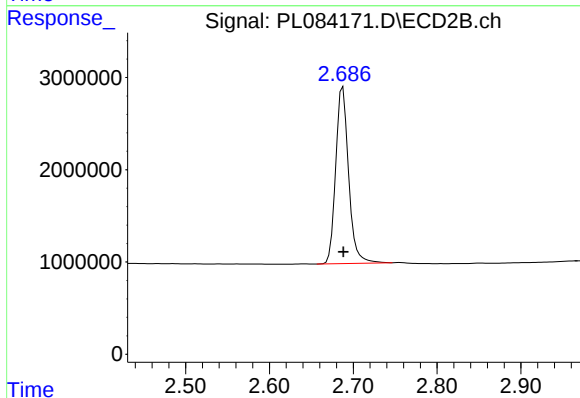
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.004 min
Response: 44429755
Conc: 22.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

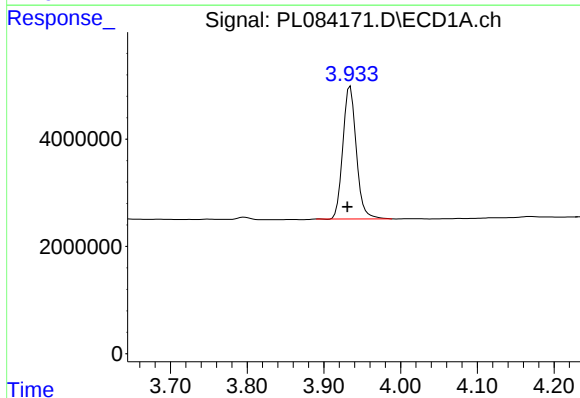
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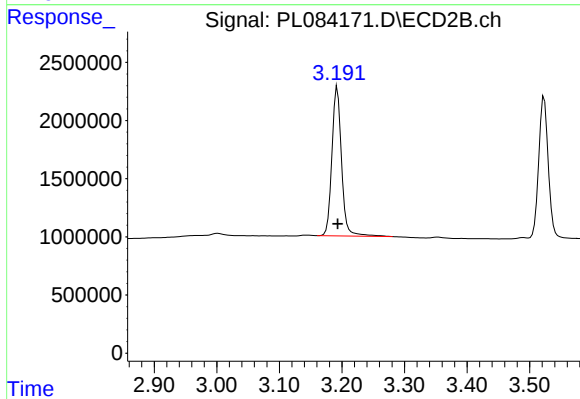
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 20439796
Conc: 18.40 ng/ml



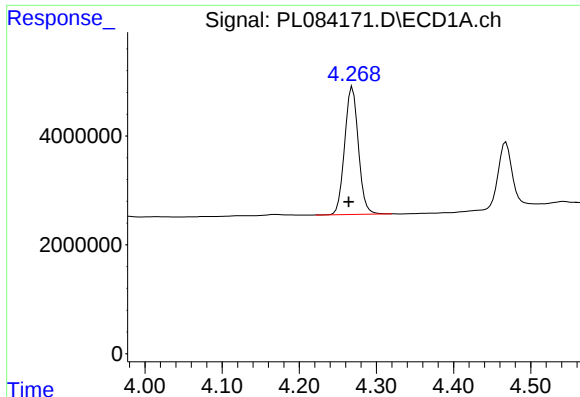
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.004 min
Response: 30199379
Conc: 10.31 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 13763611
Conc: 8.56 ng/ml



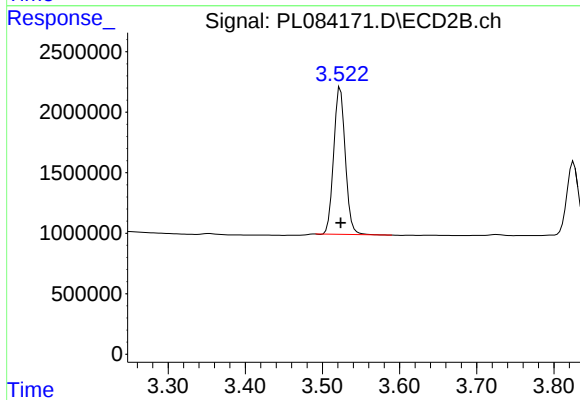
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.005 min
Response: 28864040
Conc: 10.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

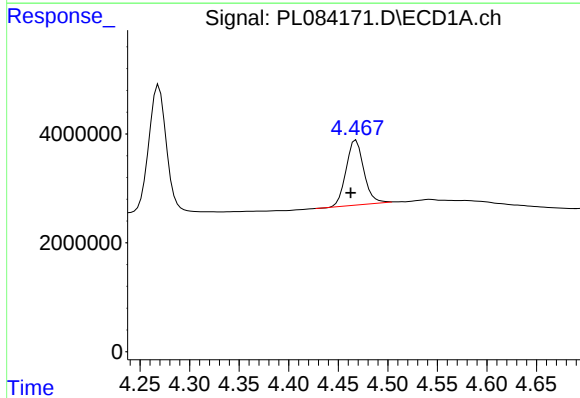
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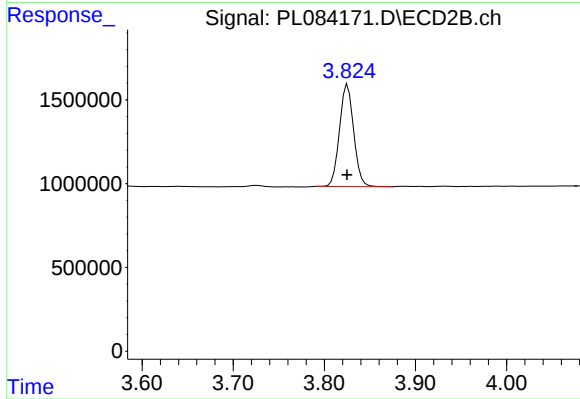
#3 gamma-BHC (Lindane)

R.T.: 3.523 min
Delta R.T.: 0.000 min
Response: 12733444
Conc: 8.37 ng/ml



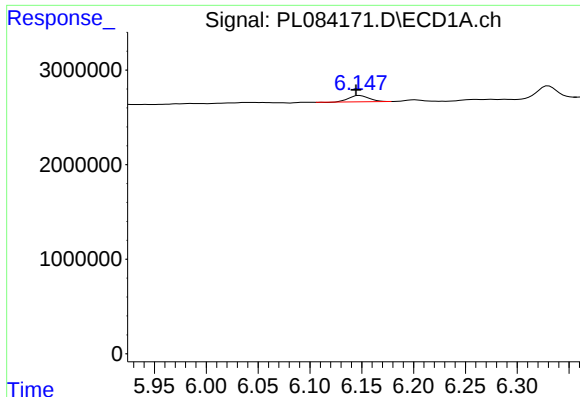
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.005 min
Response: 14976776
Conc: 12.48 ng/ml



#6 beta-BHC

R.T.: 3.826 min
Delta R.T.: 0.000 min
Response: 6592670
Conc: 9.99 ng/ml



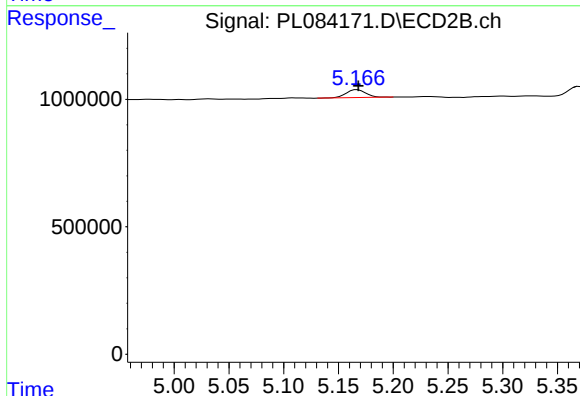
#12 4,4'-DDE

R.T.: 6.148 min
Delta R.T.: 0.003 min
Response: 899419
Conc: 0.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

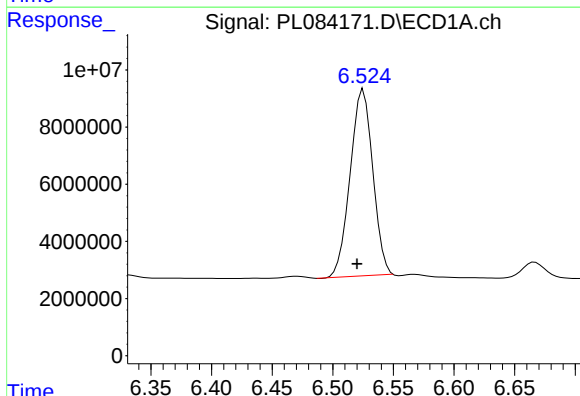
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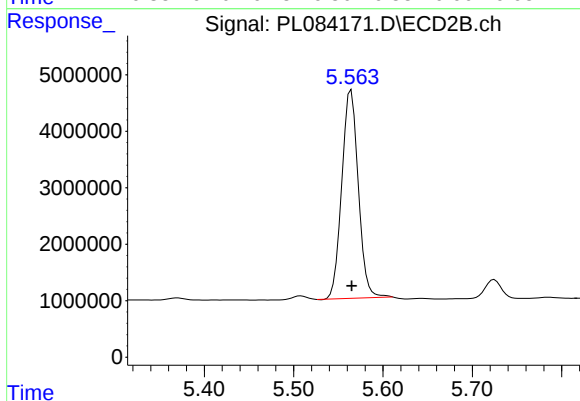
#12 4,4'-DDE

R.T.: 5.167 min
Delta R.T.: 0.000 min
Response: 389590
Conc: 0.32 ng/ml



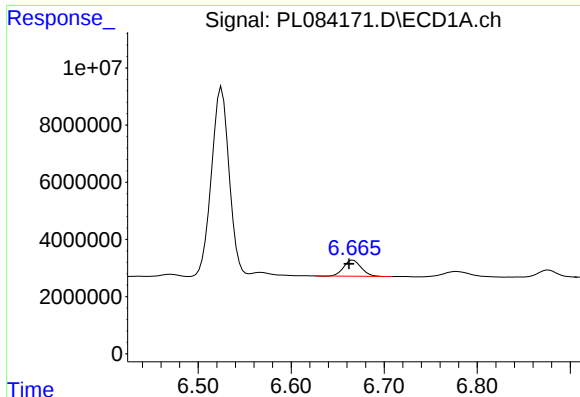
#14 Endrin

R.T.: 6.525 min
Delta R.T.: 0.005 min
Response: 84726866
Conc: 44.49 ng/ml



#14 Endrin

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 47393510
Conc: 43.11 ng/ml



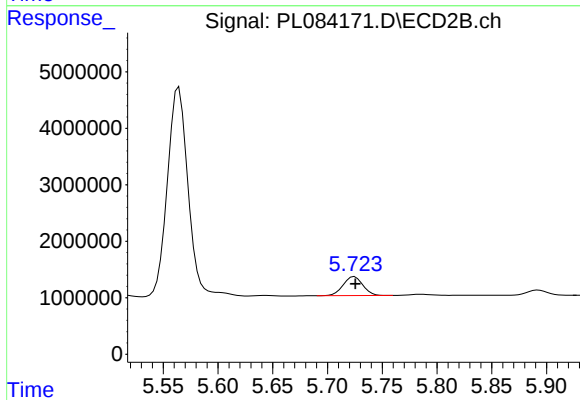
#16 4,4'-DDD

R.T.: 6.667 min
Delta R.T.: 0.004 min
Response: 7393550
Conc: 5.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

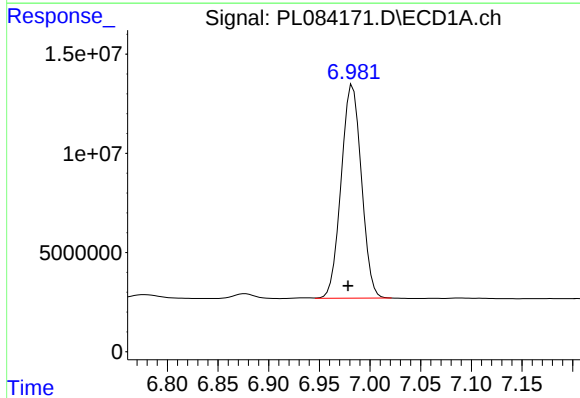
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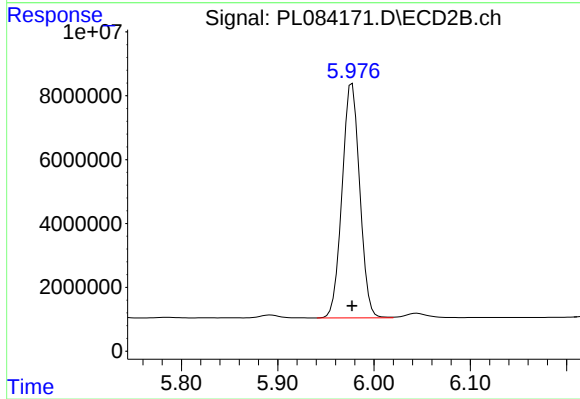
#16 4,4'-DDD

R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 4193552
Conc: 4.37 ng/ml



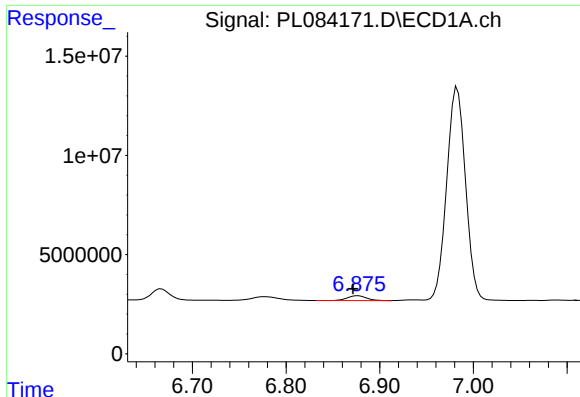
#17 4,4'-DDT

R.T.: 6.983 min
Delta R.T.: 0.005 min
Response: 149684110
Conc: 93.86 ng/ml



#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 93140932
Conc: 102.26 ng/ml



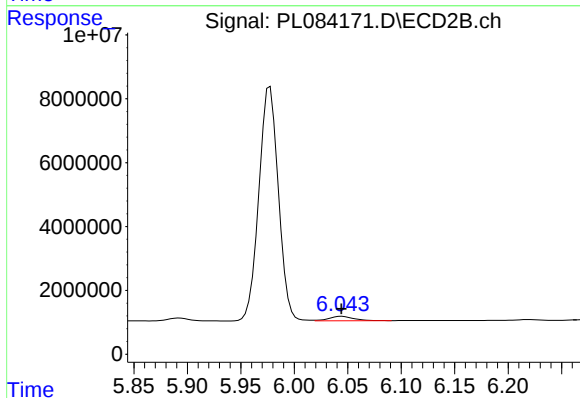
#18 Endrin aldehyde

R.T.: 6.877 min
Delta R.T.: 0.005 min
Response: 3490378
Conc: 2.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

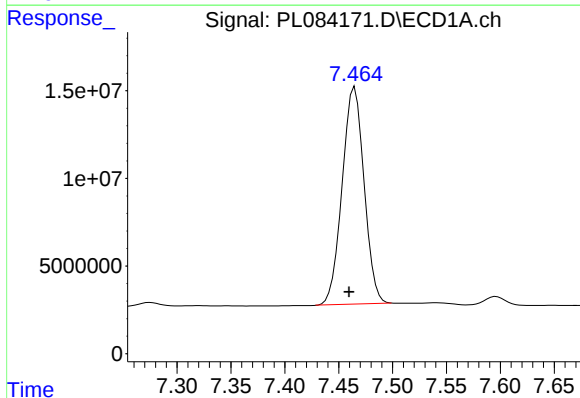
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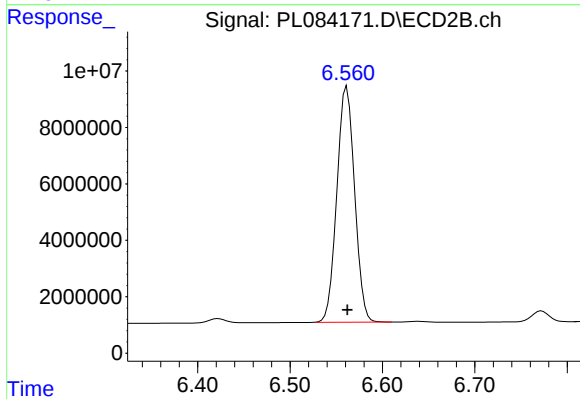
#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 2177742
Conc: 2.42 ng/ml



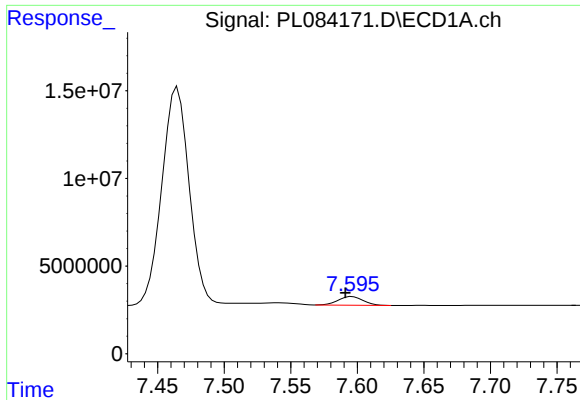
#20 Methoxychlor

R.T.: 7.464 min
Delta R.T.: 0.004 min
Response: 175198641
Conc: 223.98 ng/ml m



#20 Methoxychlor

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 111707901
Conc: 233.09 ng/ml



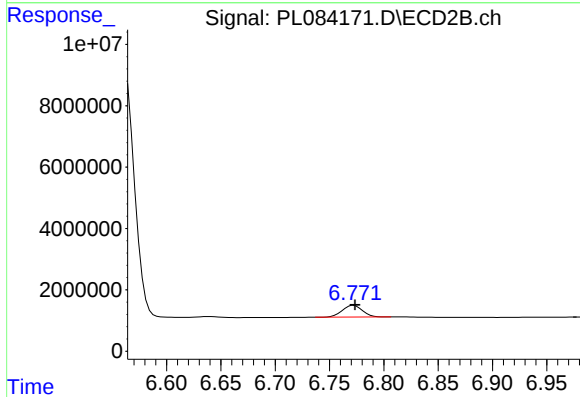
#21 Endrin ketone

R.T.: 7.595 min
Delta R.T.: 0.004 min
Response: 6535385
Conc: 3.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

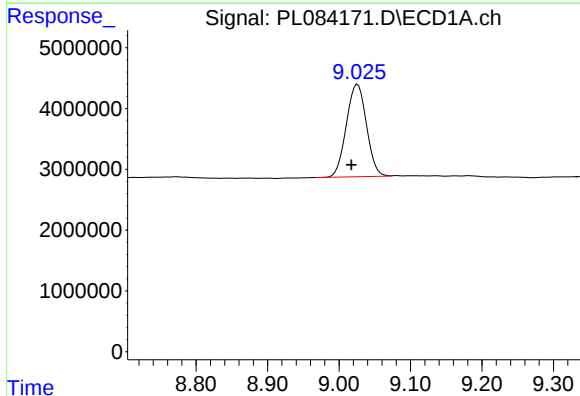
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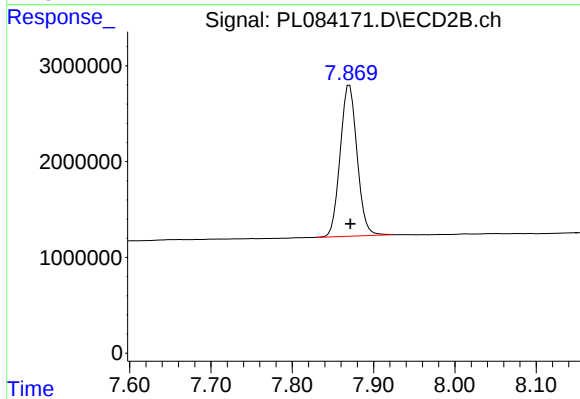
#21 Endrin ketone

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 4981084
Conc: 3.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.009 min
Response: 29726882
Conc: 22.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.870 min
Delta R.T.: -0.001 min
Response: 22757919
Conc: 20.48 ng/ml