

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121523\
 Data File : PL087194.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2023 03:34
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/17/2023
 Supervised By : Ankita Jodhani 12/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 16 04:06:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 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...	3.427	2.682	70806414	30250939	18.814	17.971
28)	SA Decachlor...	8.987	7.874	63825128	32388823	18.717	19.177
Target Compounds							
2)	A alpha-BHC	3.883	3.188	49007956	21013691	9.052	8.550
3)	MA gamma-BHC...	4.217	3.519	47864558	20662576	9.107	8.530
6)	B beta-BHC	4.417	3.820	23927530	10436090	10.418	10.025
14)	MA Endrin	6.478	5.565	175.8E6	92573874	45.691	46.388
16)	A 4,4'-DDD	6.624	5.724	2783447	1141578	0.842	0.689
17)	MA 4,4'-DDT	6.941	5.978	377.1E6	192.3E6	100.299	104.290
18)	B Endrin al...	6.831	6.044	4822455	3275598	1.664m	2.232m#
20)	A Methoxychlor	7.425	6.564	484.2E6	242.0E6	248.321	236.889
21)	B Endrin ke...	7.552	6.773	8504146	4762706	2.090m	2.237m

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

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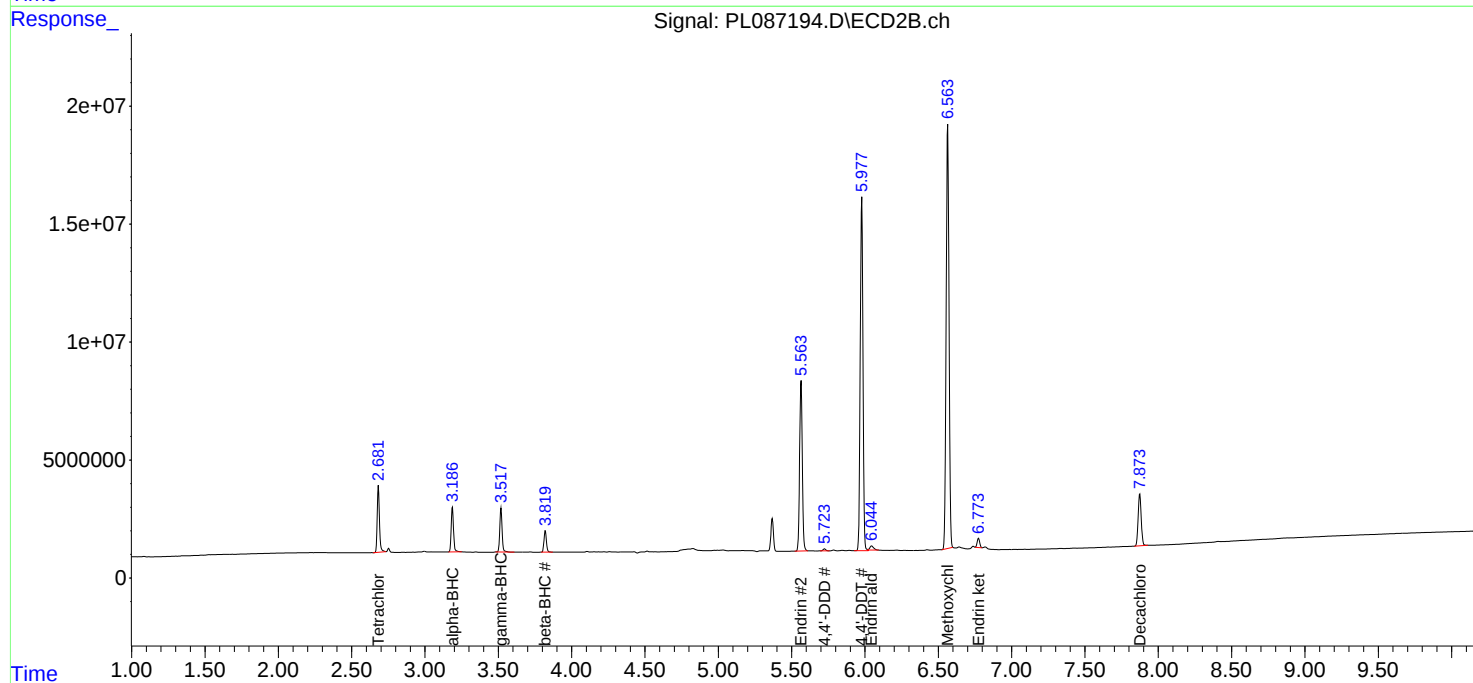
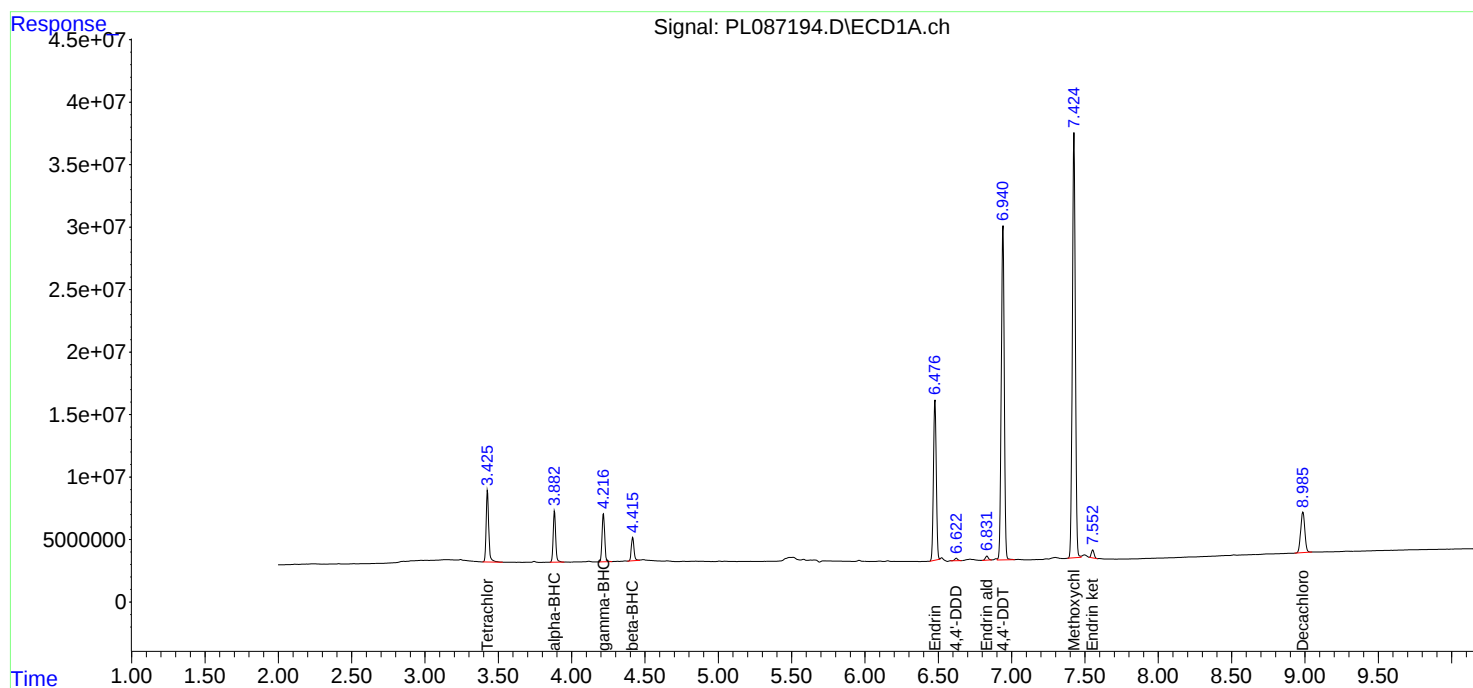
Instrument :
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ClientSampleId :
PEM

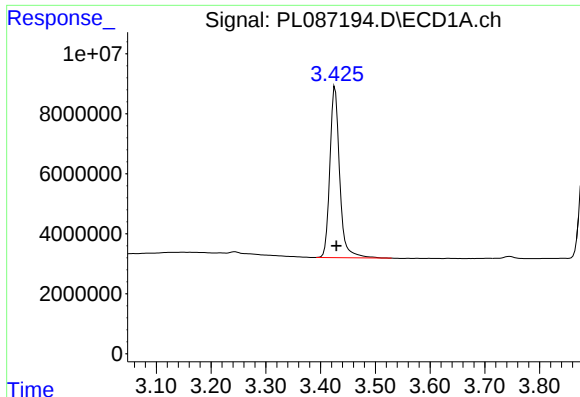
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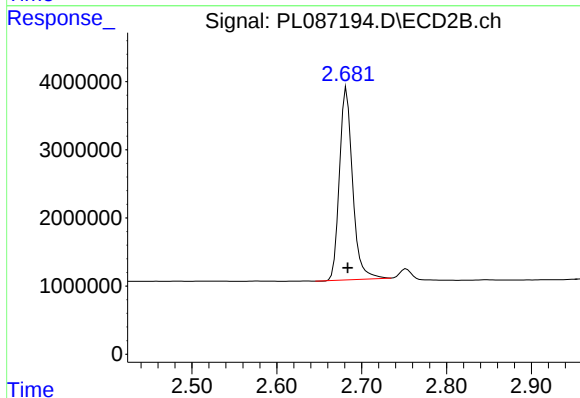
#1 Tetrachloro-m-xylene

R.T.: 3.427 min
Delta R.T.: -0.002 min
Response: 70806414
Conc: 18.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

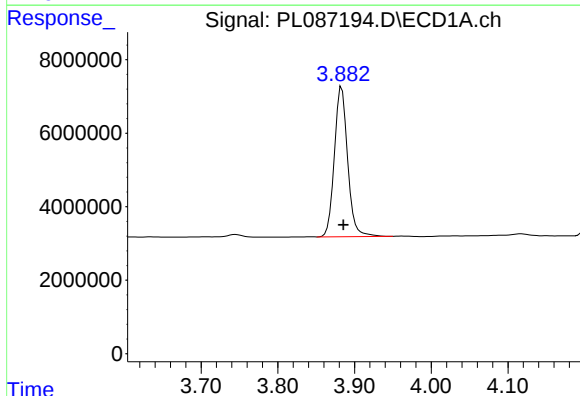
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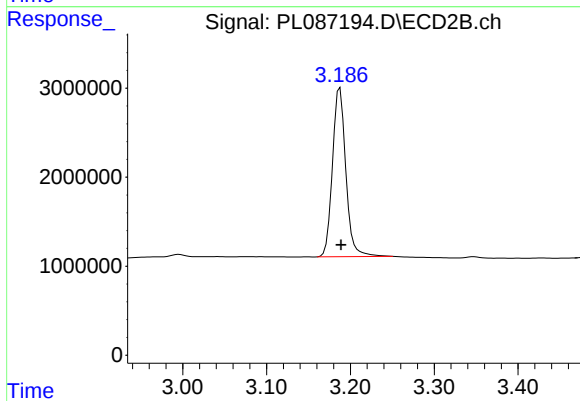
#1 Tetrachloro-m-xylene

R.T.: 2.682 min
Delta R.T.: -0.001 min
Response: 30250939
Conc: 17.97 ng/ml



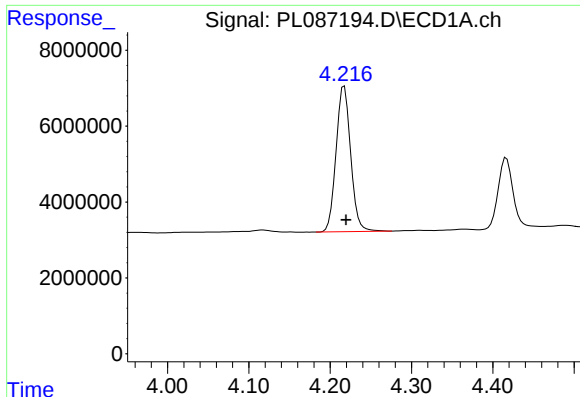
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: -0.002 min
Response: 49007956
Conc: 9.05 ng/ml



#2 alpha-BHC

R.T.: 3.188 min
Delta R.T.: -0.001 min
Response: 21013691
Conc: 8.55 ng/ml



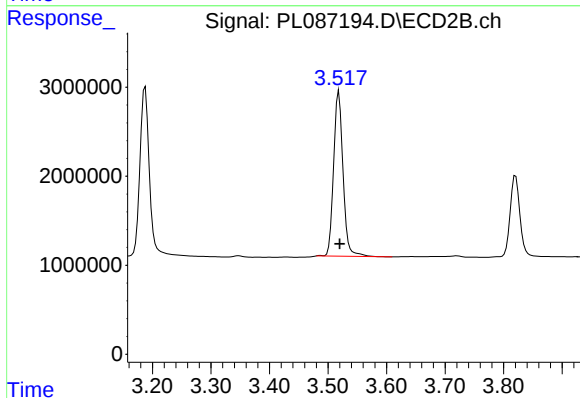
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: -0.002 min
Response: 47864558
Conc: 9.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

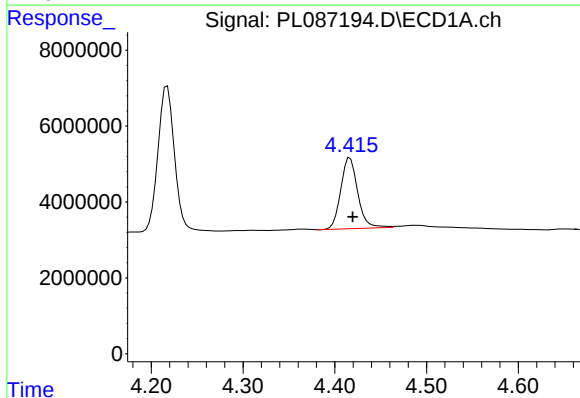
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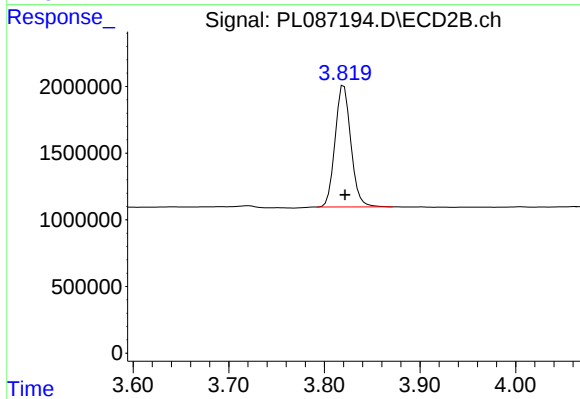
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: -0.001 min
Response: 20662576
Conc: 8.53 ng/ml



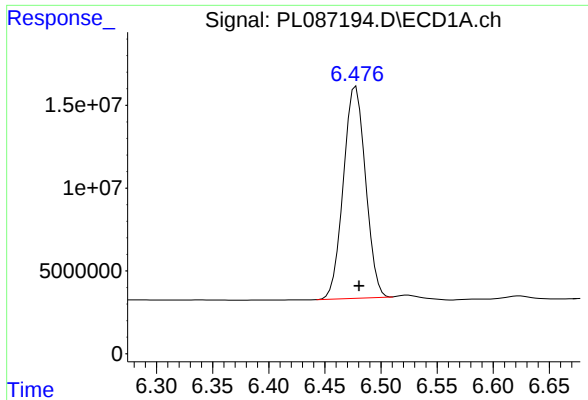
#6 beta-BHC

R.T.: 4.417 min
Delta R.T.: -0.003 min
Response: 23927530
Conc: 10.42 ng/ml



#6 beta-BHC

R.T.: 3.820 min
Delta R.T.: -0.001 min
Response: 10436090
Conc: 10.03 ng/ml



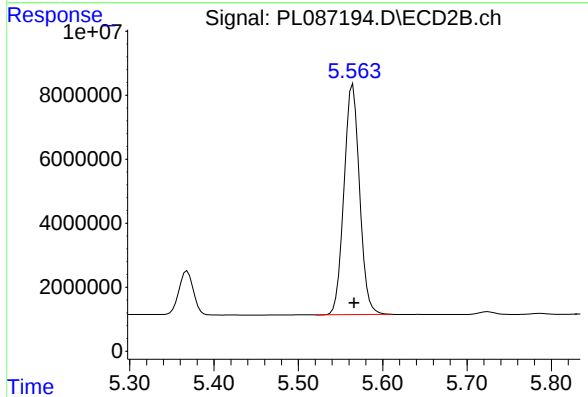
#14 Endrin

R.T.: 6.478 min
Delta R.T.: -0.003 min
Response: 175788716
Conc: 45.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

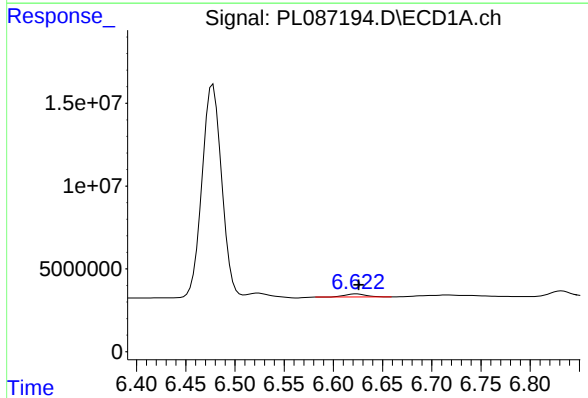
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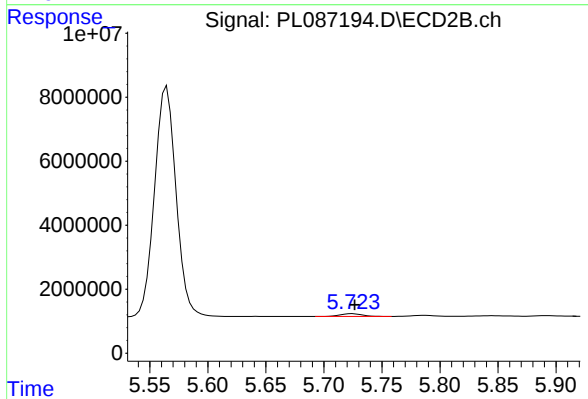
#14 Endrin

R.T.: 5.565 min
Delta R.T.: -0.002 min
Response: 92573874
Conc: 46.39 ng/ml



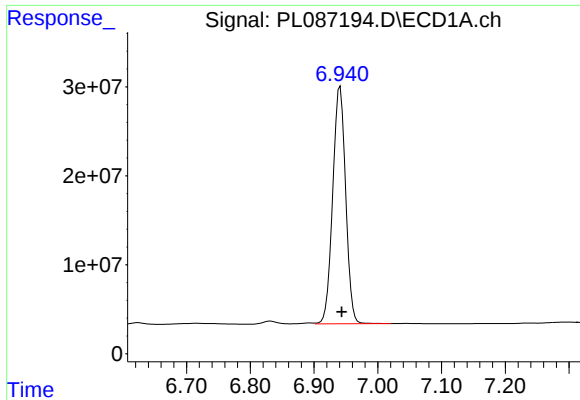
#16 4,4'-DDD

R.T.: 6.624 min
Delta R.T.: -0.002 min
Response: 2783447
Conc: 0.84 ng/ml



#16 4,4'-DDD

R.T.: 5.724 min
Delta R.T.: -0.002 min
Response: 1141578
Conc: 0.69 ng/ml



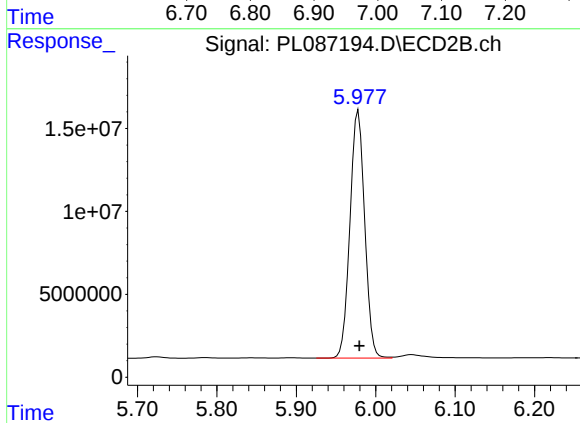
#17 4,4'-DDT

R.T.: 6.941 min
Delta R.T.: -0.002 min
Response: 377144680
Conc: 100.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

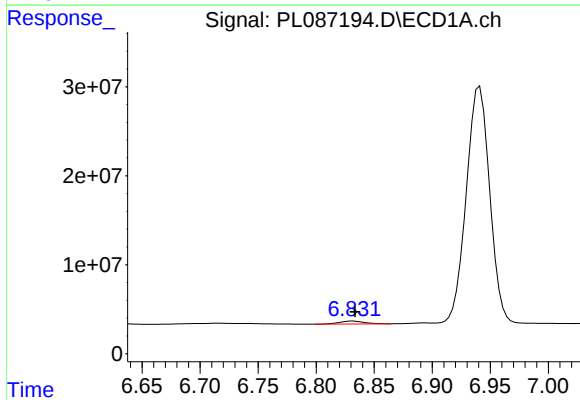
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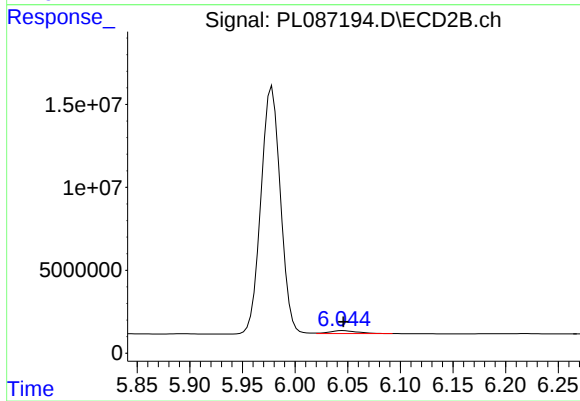
#17 4,4'-DDT

R.T.: 5.978 min
Delta R.T.: -0.001 min
Response: 192344610
Conc: 104.29 ng/ml



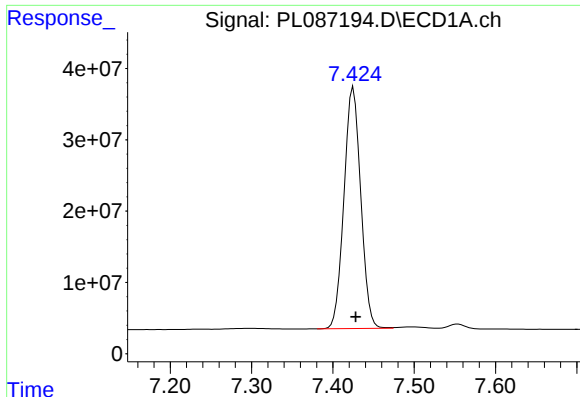
#18 Endrin aldehyde

R.T.: 6.831 min
Delta R.T.: -0.003 min
Response: 4822455
Conc: 1.66 ng/ml m



#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: -0.002 min
Response: 3275598
Conc: 2.23 ng/ml m



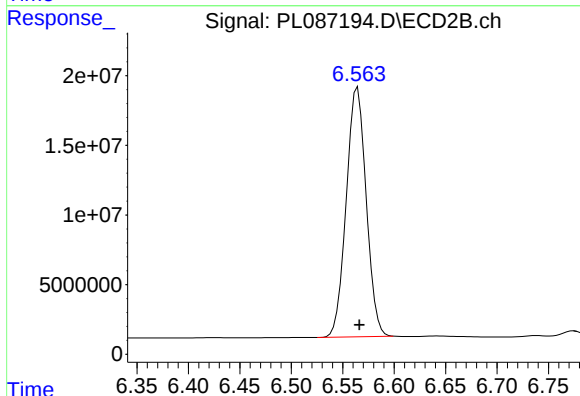
#20 Methoxychlor

R.T.: 7.425 min
Delta R.T.: -0.003 min
Response: 484207037
Conc: 248.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

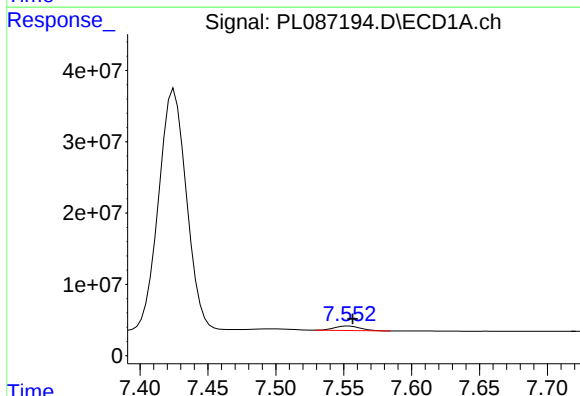
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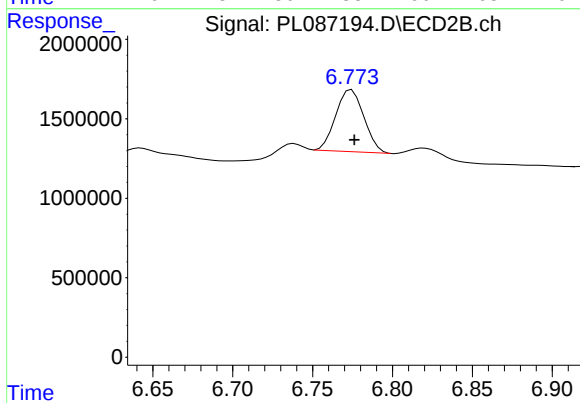
#20 Methoxychlor

R.T.: 6.564 min
Delta R.T.: -0.002 min
Response: 241956558
Conc: 236.89 ng/ml



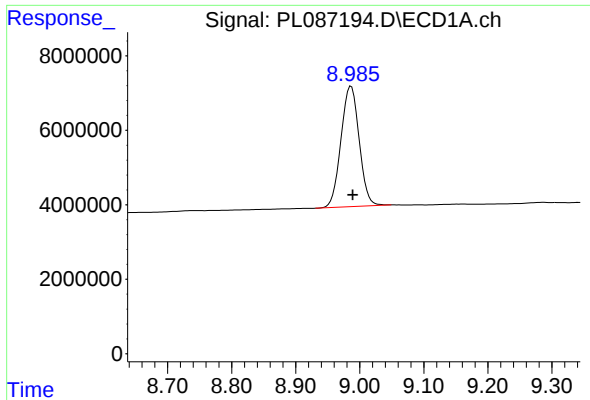
#21 Endrin ketone

R.T.: 7.552 min
Delta R.T.: -0.004 min
Response: 8504146
Conc: 2.09 ng/ml m



#21 Endrin ketone

R.T.: 6.773 min
Delta R.T.: -0.003 min
Response: 4762706
Conc: 2.24 ng/ml m



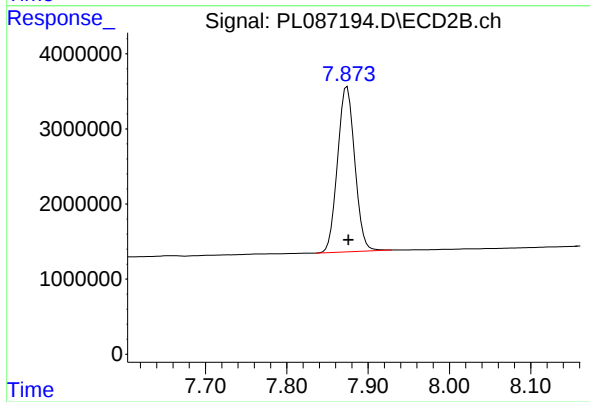
#28 Decachlorobiphenyl

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 63825128
Conc: 18.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.874 min
Delta R.T.: -0.001 min
Response: 32388823
Conc: 19.18 ng/ml