

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050724\
 Data File : PL089386.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 May 2024 09:54
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/08/2024
 Supervised By :Ankita Jodhani 05/08/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 07 22:08:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 2024
 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...	3.551	2.797	47243934	29456151	23.462	22.958
28)	SA Decachlor...	9.067	7.949	31141392	28650128	22.259	21.298
Target Compounds							
2)	A alpha-BHC	4.006	3.302	34978849	19856843	12.266	10.524
3)	MA gamma-BHC...	4.338	3.631	32518176	19037108	11.681	10.317m
6)	B beta-BHC	4.532	3.930	15910881	10089946	12.612m	12.358
12)	B 4,4'-DDE	6.202	5.261	1019324	456053	0.504m	0.314m#
14)	MA Endrin	6.585	5.670	87897934	80912921	46.400m	56.280
16)	A 4,4'-DDD	6.717	5.817	5187551	3333867	3.075m	2.703
17)	MA 4,4'-DDT	7.034	6.069	156.7E6	144.5E6	85.216	106.806 #
18)	B Endrin al...	6.934	6.144	3375814	2197005	2.232	1.975
20)	A Methoxychlor	7.508	6.644	196.7E6	182.7E6	200.055	228.512
21)	B Endrin ke...	7.653	6.871	5887430	3875255	2.941	2.424

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

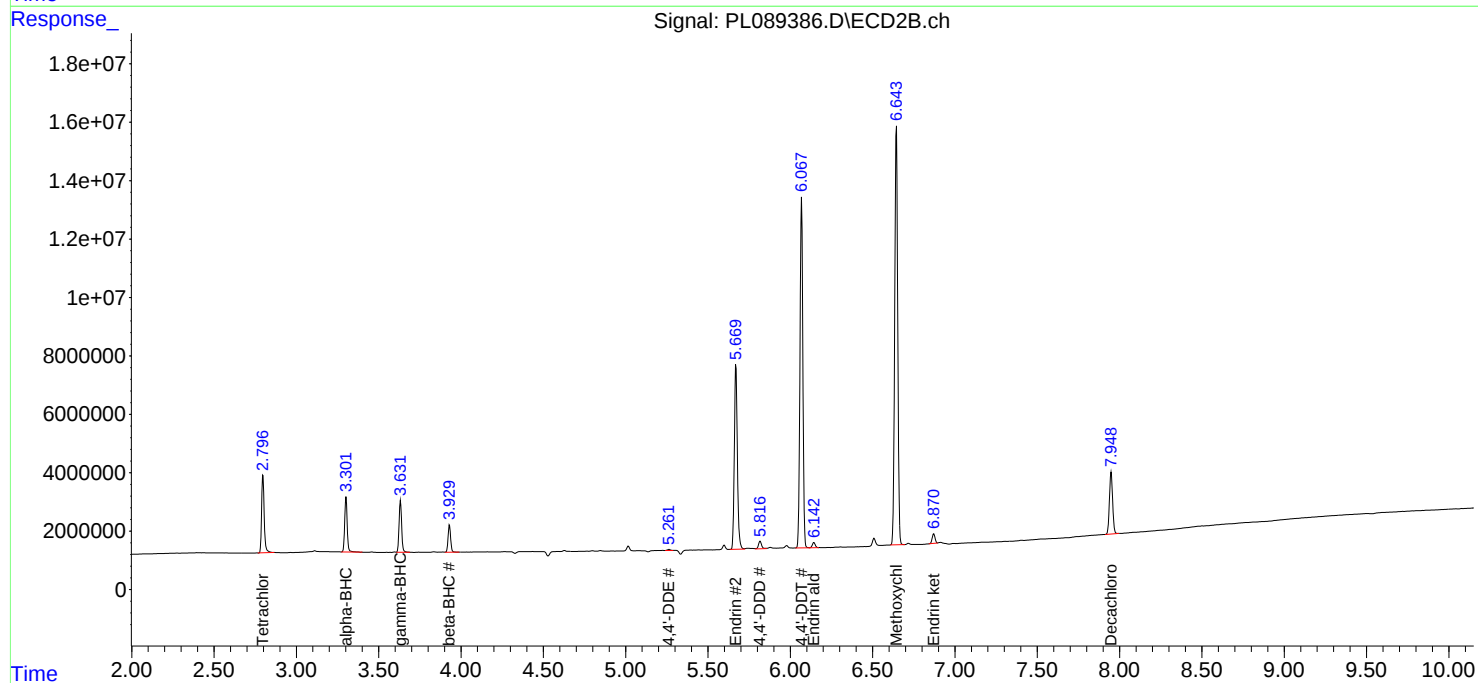
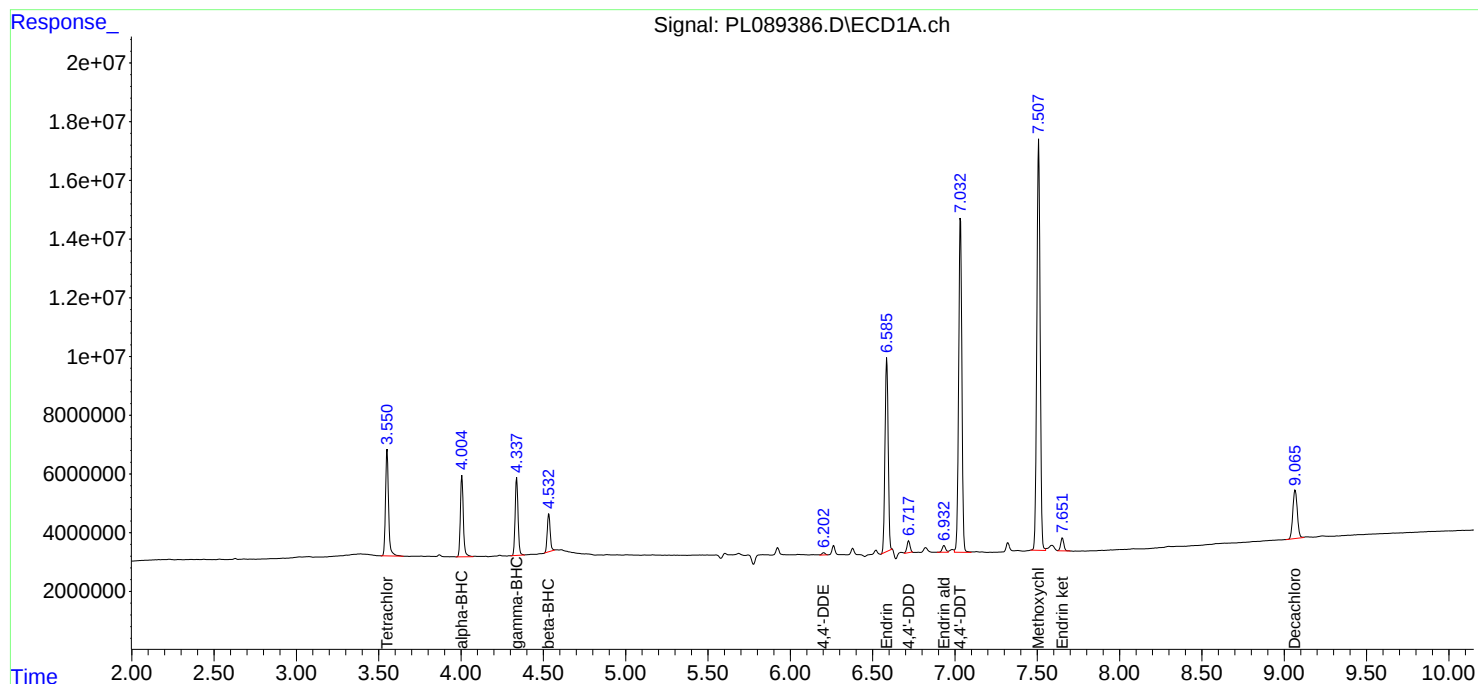
Instrument :
ECD_L
ClientSampleId :
PEM

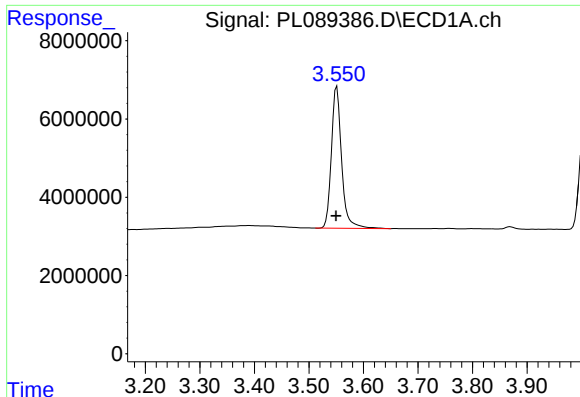
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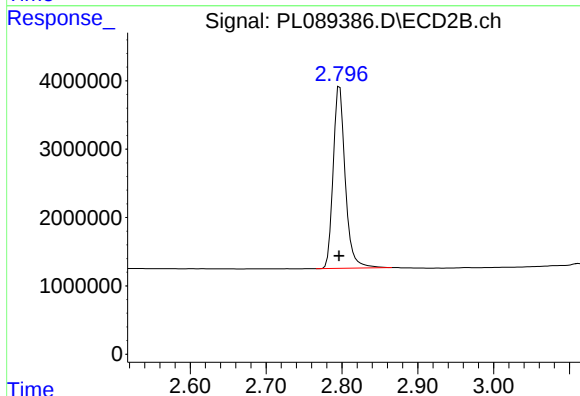
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.001 min
Response: 47243934
Conc: 23.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

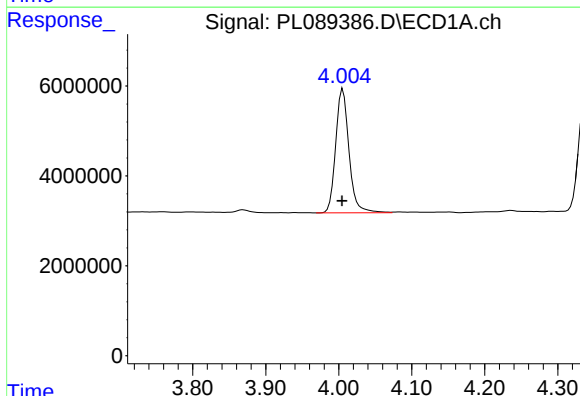
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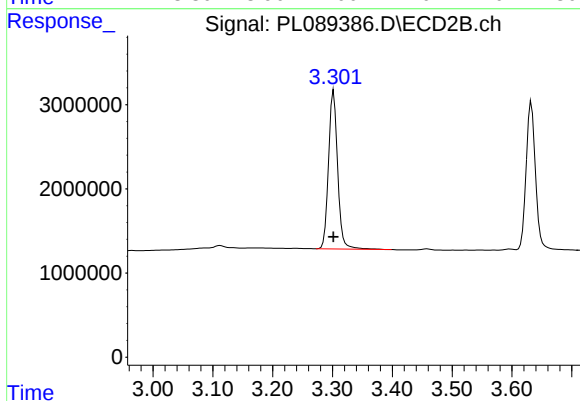
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 29456151
Conc: 22.96 ng/ml



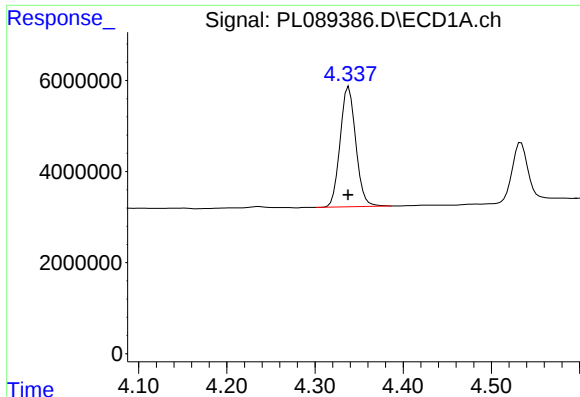
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 34978849
Conc: 12.27 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 19856843
Conc: 10.52 ng/ml



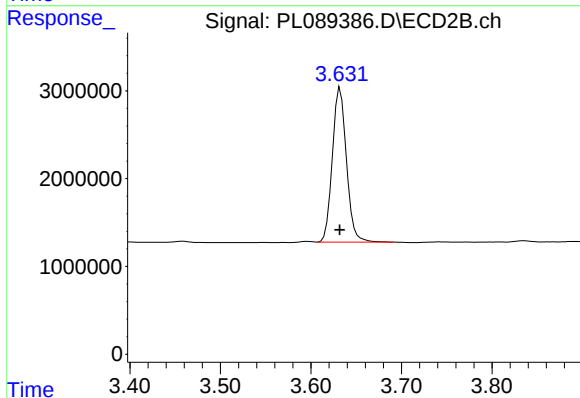
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 32518176
Conc: 11.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

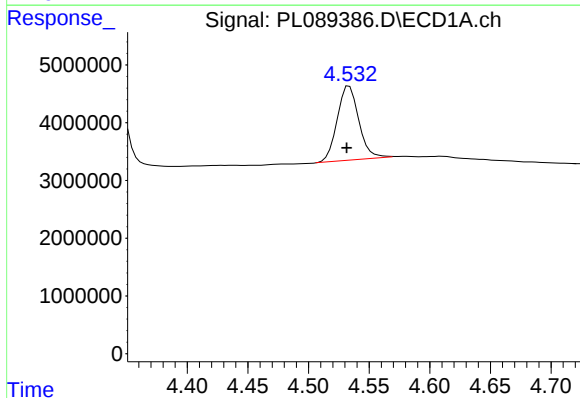
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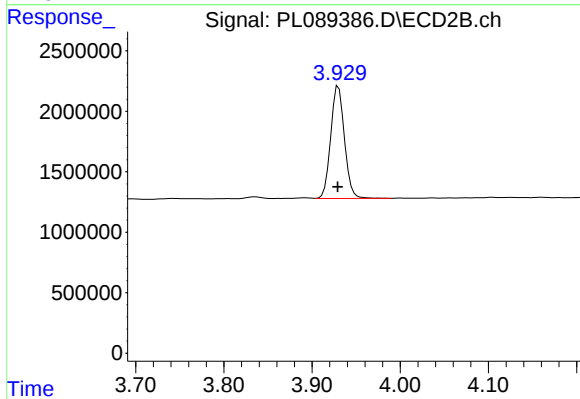
#3 gamma-BHC (Lindane)

R.T.: 3.631 min
Delta R.T.: 0.000 min
Response: 19037108
Conc: 10.32 ng/ml m



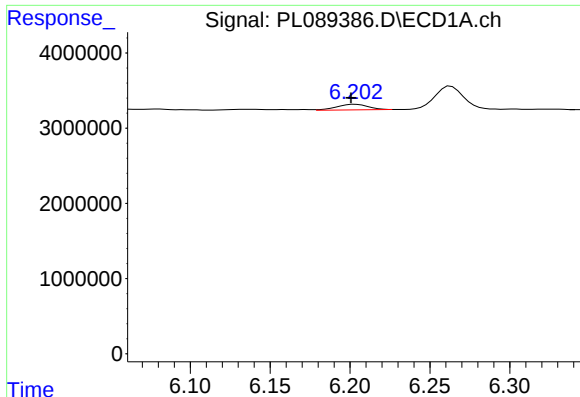
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 15910881
Conc: 12.61 ng/ml m



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 10089946
Conc: 12.36 ng/ml



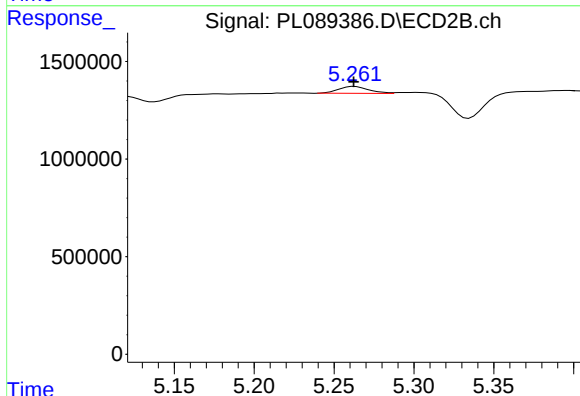
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.001 min
Response: 1019324
Conc: 0.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

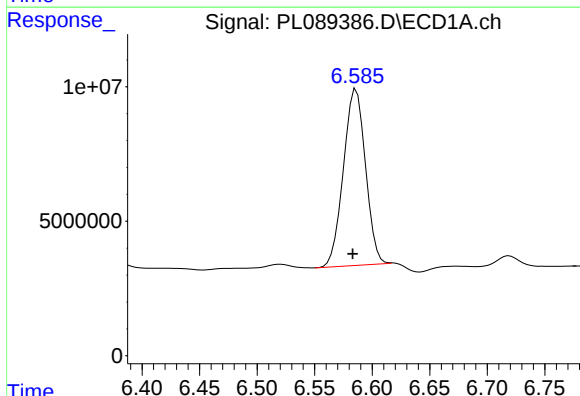
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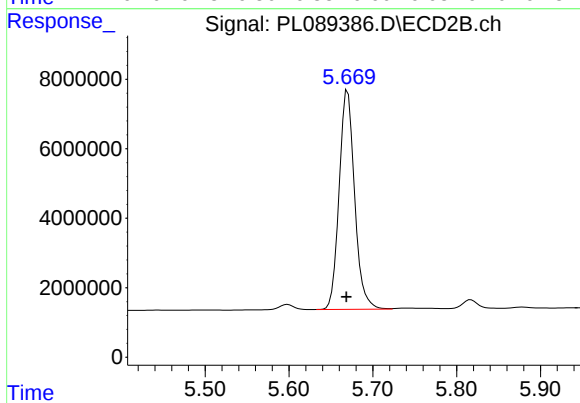
#12 4,4'-DDE

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 456053
Conc: 0.31 ng/ml m



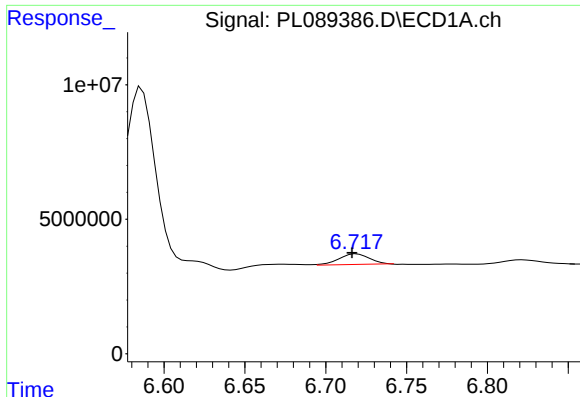
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.002 min
Response: 87897934
Conc: 46.40 ng/ml m



#14 Endrin

R.T.: 5.670 min
Delta R.T.: 0.001 min
Response: 80912921
Conc: 56.28 ng/ml



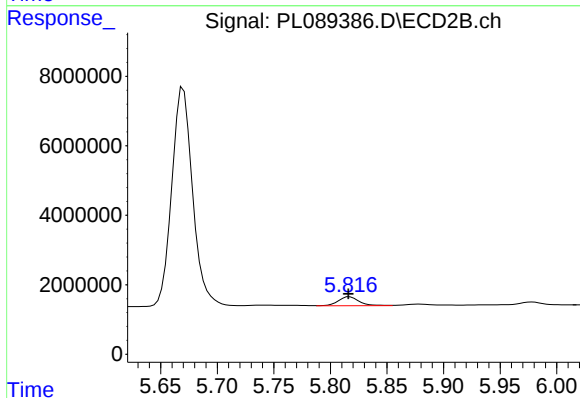
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.001 min
Response: 5187551
Conc: 3.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

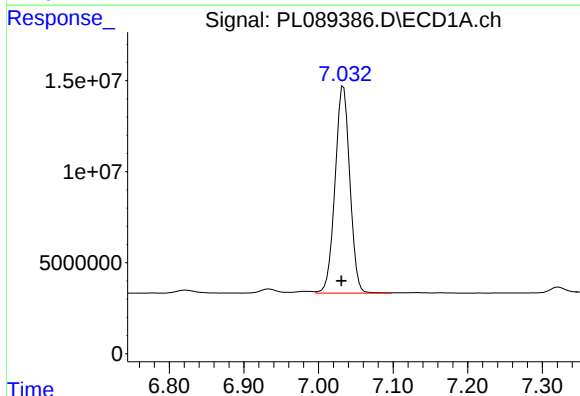
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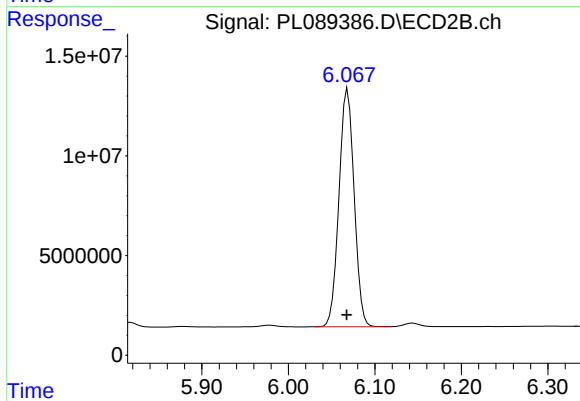
#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.001 min
Response: 3333867
Conc: 2.70 ng/ml



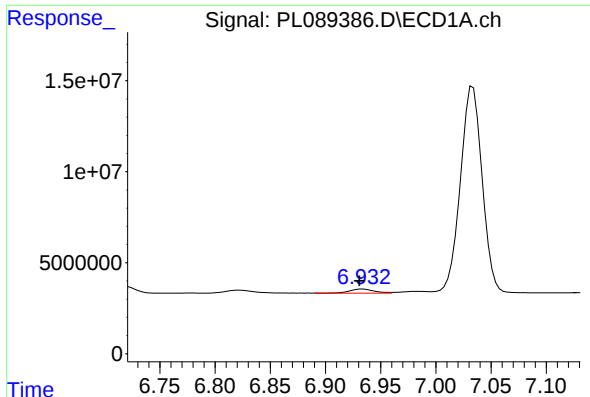
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.003 min
Response: 156710403
Conc: 85.22 ng/ml



#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 144507561
Conc: 106.81 ng/ml



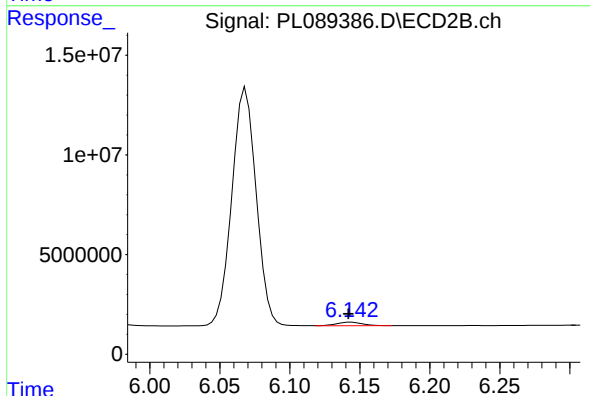
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.003 min
Response: 3375814
Conc: 2.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

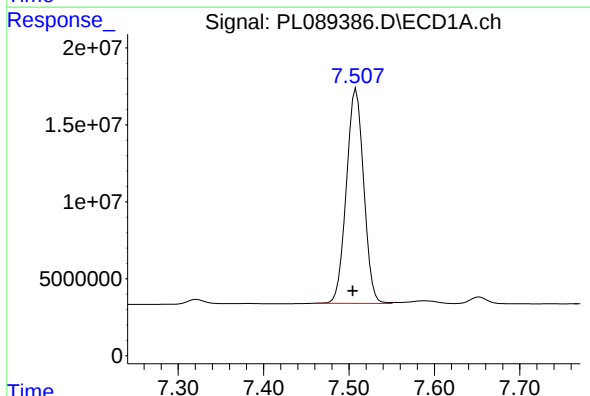
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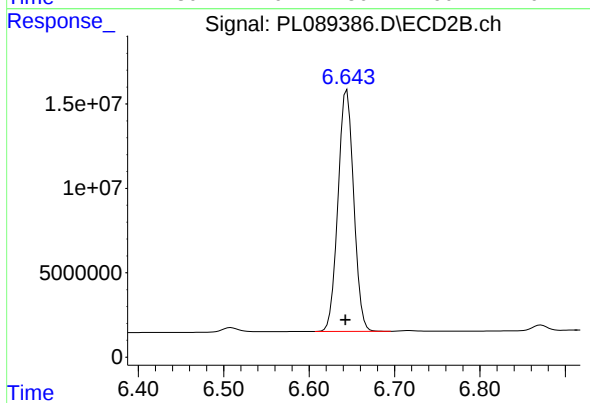
#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.002 min
Response: 2197005
Conc: 1.98 ng/ml



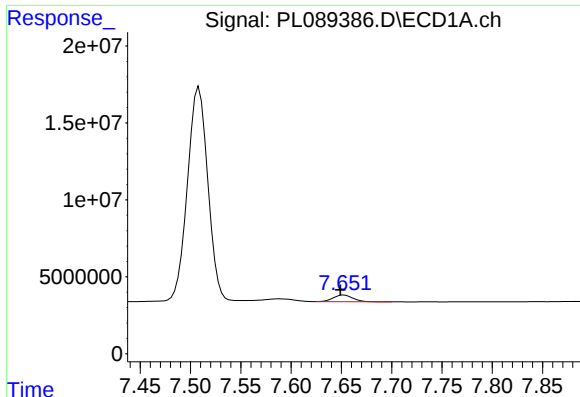
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.004 min
Response: 196734211
Conc: 200.05 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: 0.002 min
Response: 182715025
Conc: 228.51 ng/ml



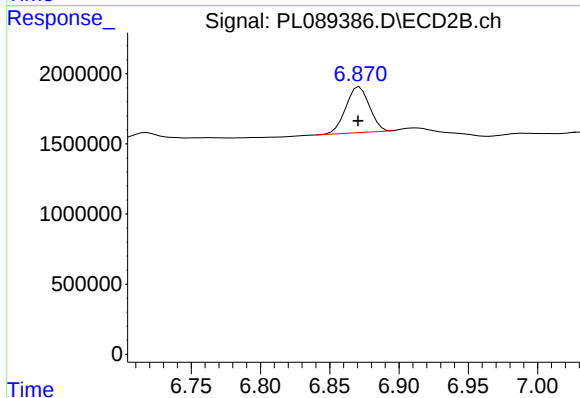
#21 Endrin ketone

R.T.: 7.653 min
Delta R.T.: 0.004 min
Response: 5887430
Conc: 2.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

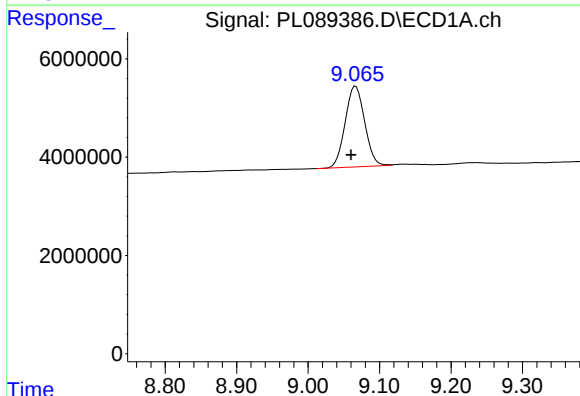
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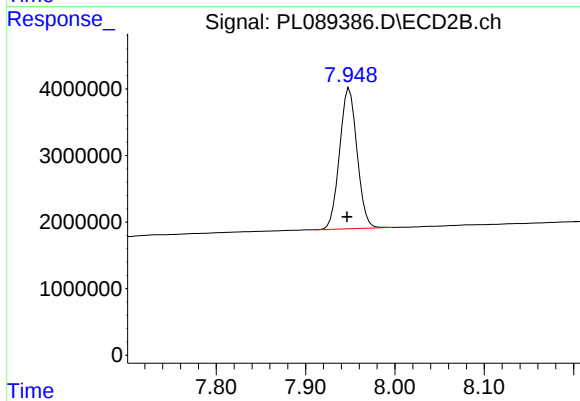
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 3875255
Conc: 2.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.006 min
Response: 31141392
Conc: 22.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 28650128
Conc: 21.30 ng/ml