

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010524\
 Data File : PL087639.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jan 2024 11:01
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/08/2024
 Supervised By :Ankita Jodhani 01/08/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 05 20:09:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122823.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:17:47 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...	3.420	2.676	51531656	21034200	17.213	17.364
28)	SA Decachlor...	8.978	7.863	52594990	23092503	18.467	18.229
Target Compounds							
2)	A alpha-BHC	3.876	3.179	34782257	13938646	7.752	7.563
3)	MA gamma-BHC...	4.210	3.509	33929162	13258155	7.779	7.296
6)	B beta-BHC	4.410	3.811	16936800	6916122	9.103	9.043
14)	MA Endrin	6.470	5.554	120.9E6	51360153	38.492	36.221
16)	A 4,4'-DDD	6.617	5.715	352385	196312	0.137	0.174 #
17)	MA 4,4'-DDT	6.933	5.966	247.1E6	113.2E6	86.416	90.991
18)	B Endrin al...	6.823	6.033	2318008	3485111	0.922	2.999m#
20)	A Methoxychlor	7.419	6.552	341.5E6	152.0E6	210.347	206.447
21)	B Endrin ke...	7.546	6.762	5498171	2396816	1.690	1.563m

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

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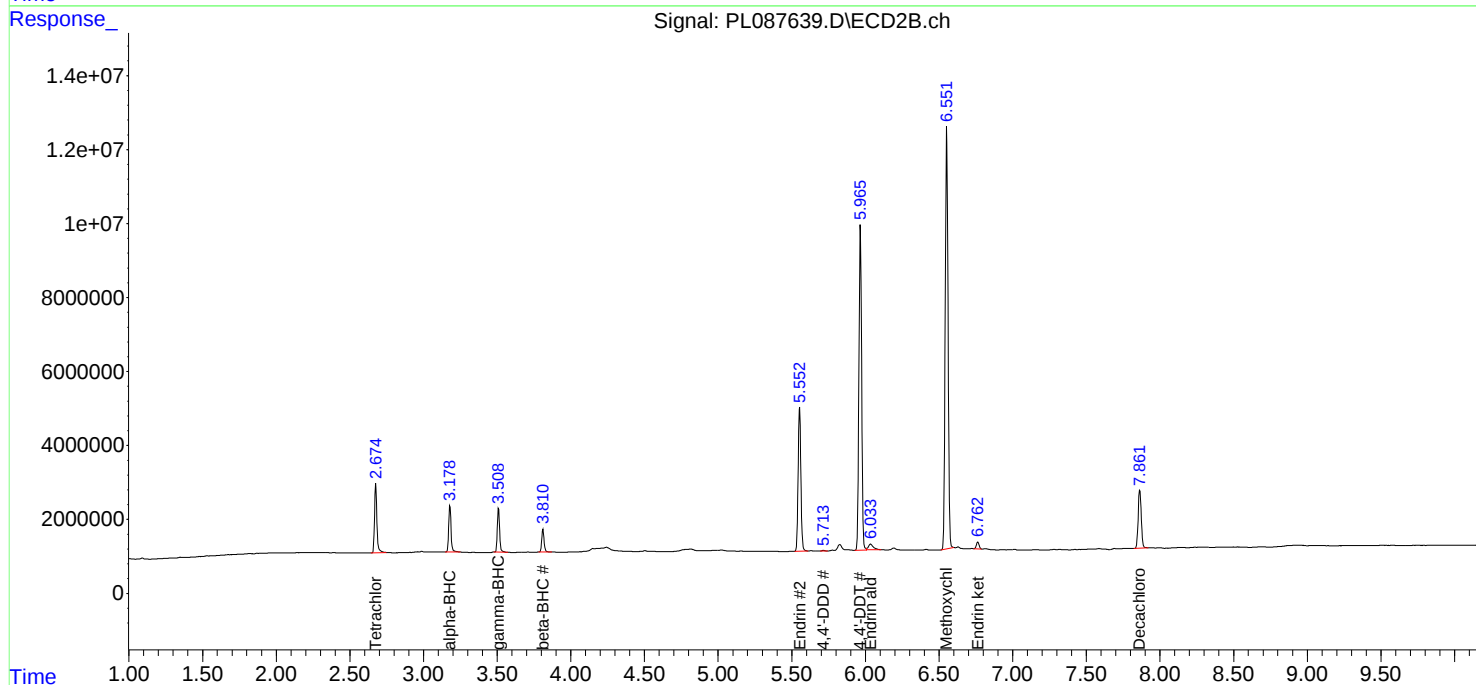
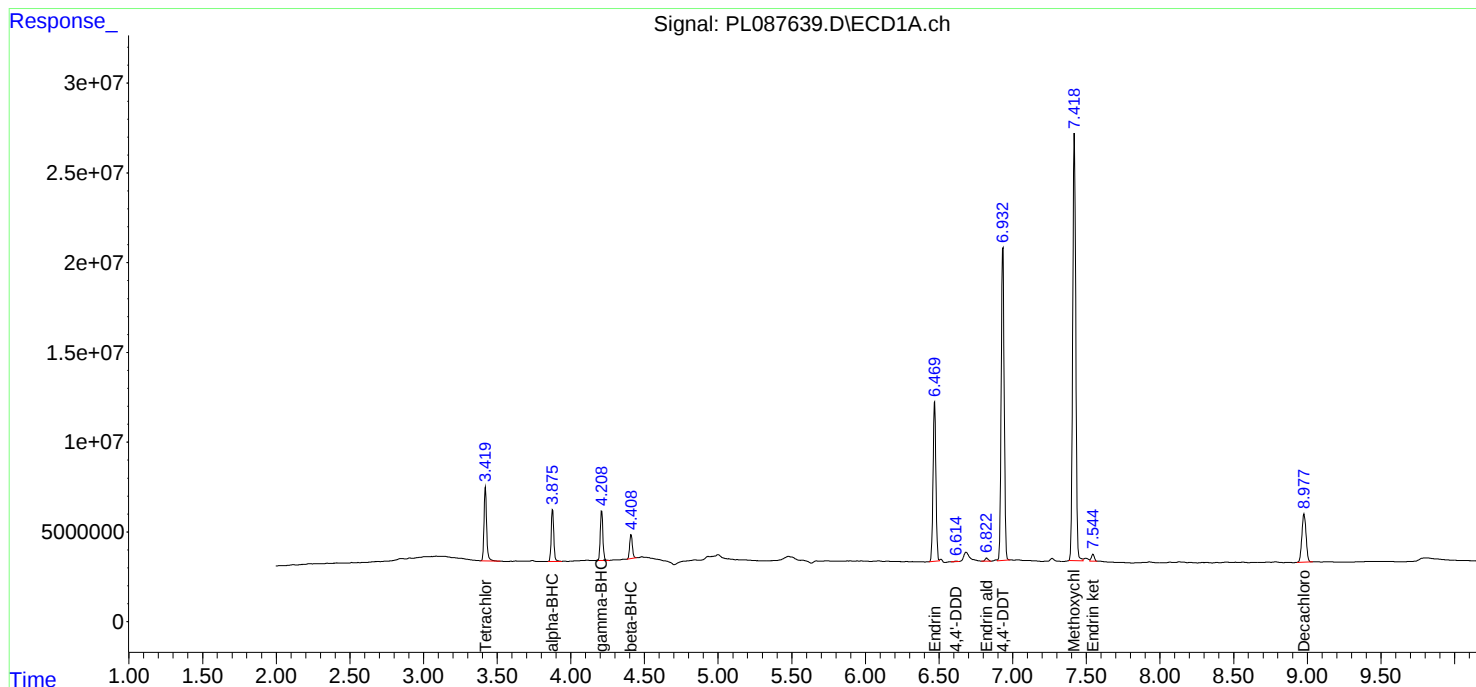
Instrument :
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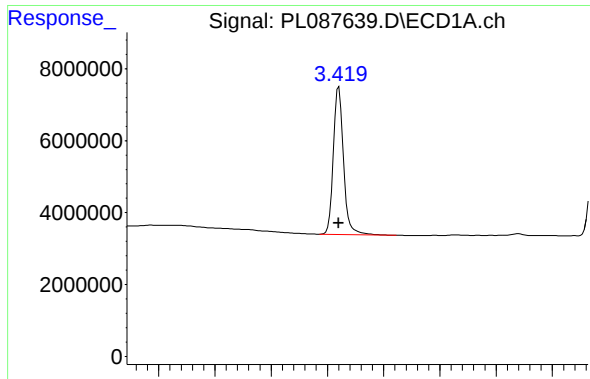
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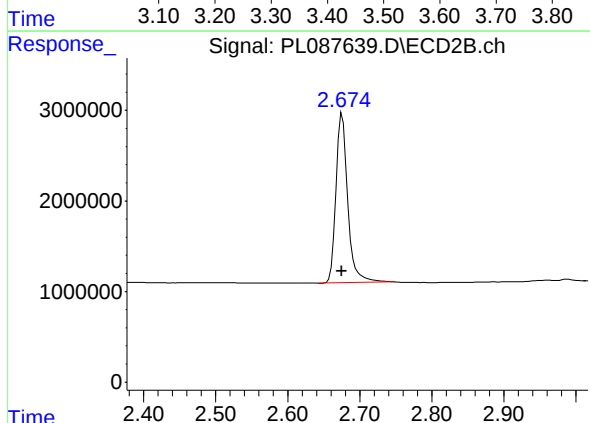
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.000 min
Response: 51531656
Conc: 17.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

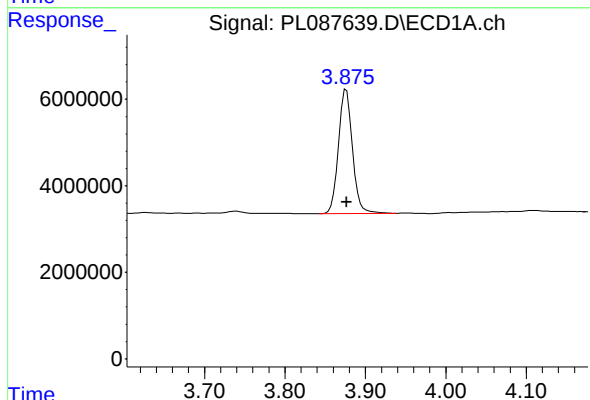
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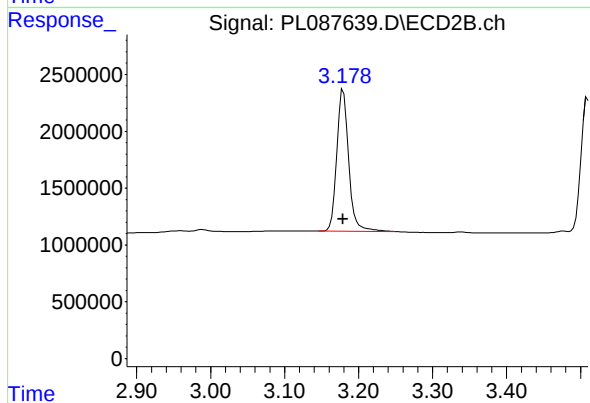
#1 Tetrachloro-m-xylene

R.T.: 2.676 min
Delta R.T.: 0.000 min
Response: 21034200
Conc: 17.36 ng/ml



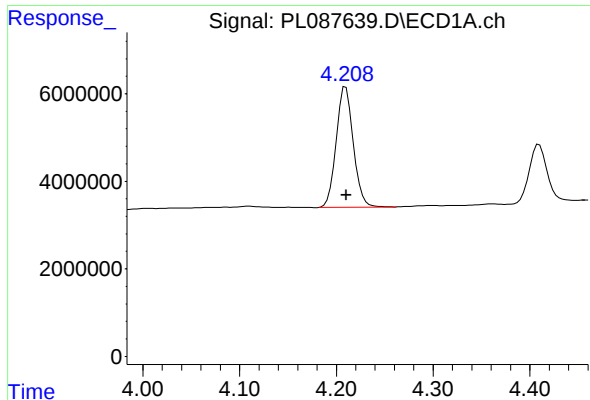
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 34782257
Conc: 7.75 ng/ml



#2 alpha-BHC

R.T.: 3.179 min
Delta R.T.: 0.000 min
Response: 13938646
Conc: 7.56 ng/ml



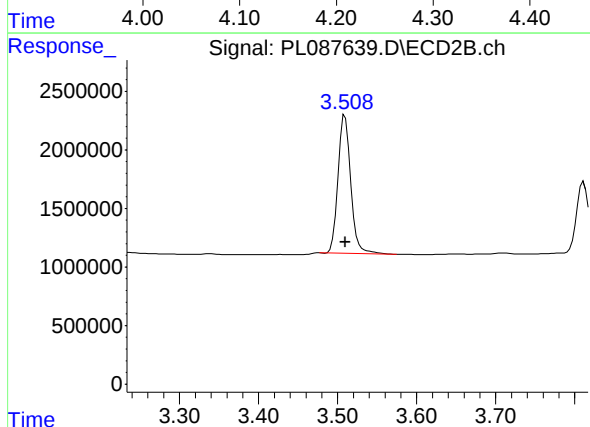
#3 gamma-BHC (Lindane)

R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 33929162
Conc: 7.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

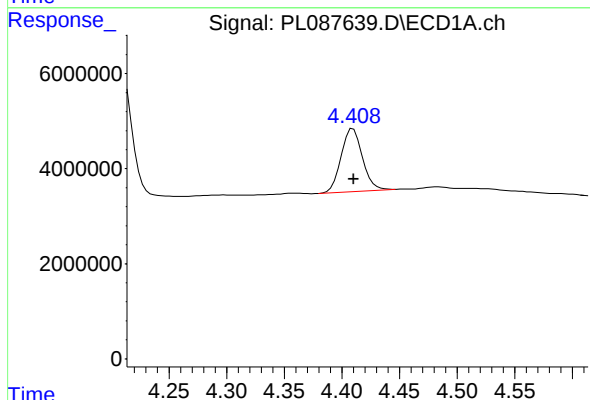
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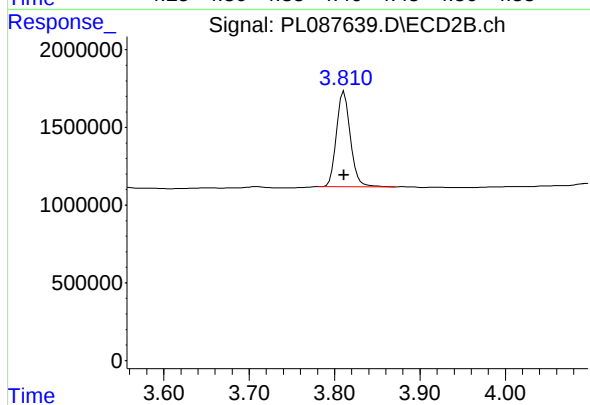
#3 gamma-BHC (Lindane)

R.T.: 3.509 min
Delta R.T.: 0.000 min
Response: 13258155
Conc: 7.30 ng/ml



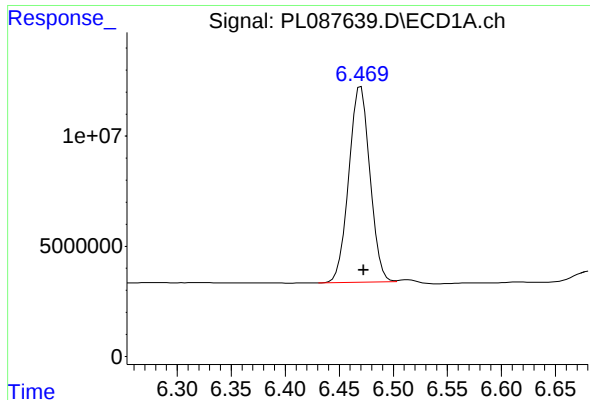
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 16936800
Conc: 9.10 ng/ml



#6 beta-BHC

R.T.: 3.811 min
Delta R.T.: 0.000 min
Response: 6916122
Conc: 9.04 ng/ml



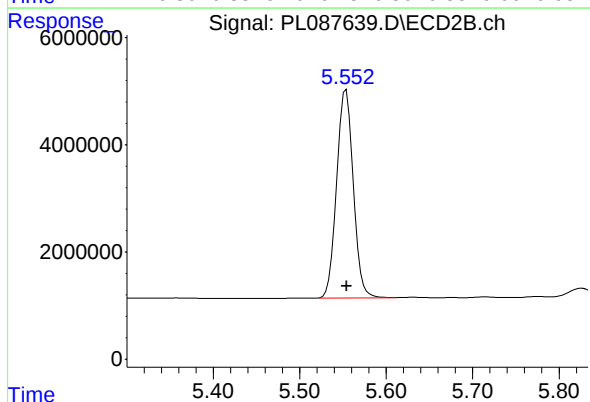
#14 Endrin

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 120899006
Conc: 38.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

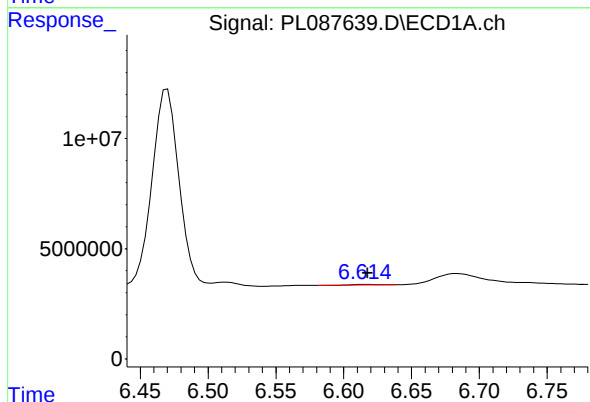
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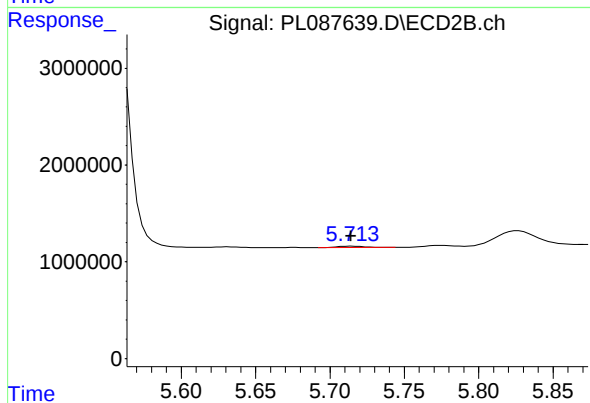
#14 Endrin

R.T.: 5.554 min
Delta R.T.: 0.000 min
Response: 51360153
Conc: 36.22 ng/ml



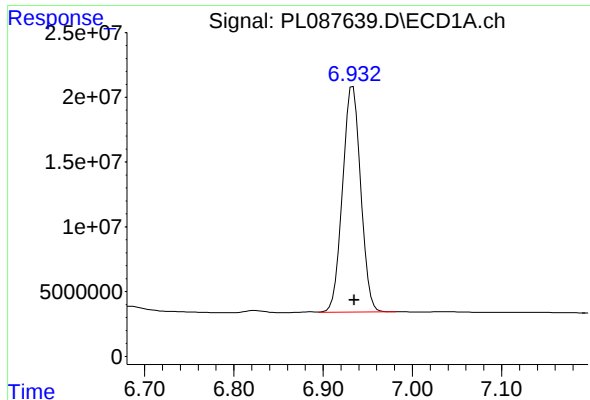
#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: -0.001 min
Response: 352385
Conc: 0.14 ng/ml



#16 4,4'-DDD

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 196312
Conc: 0.17 ng/ml



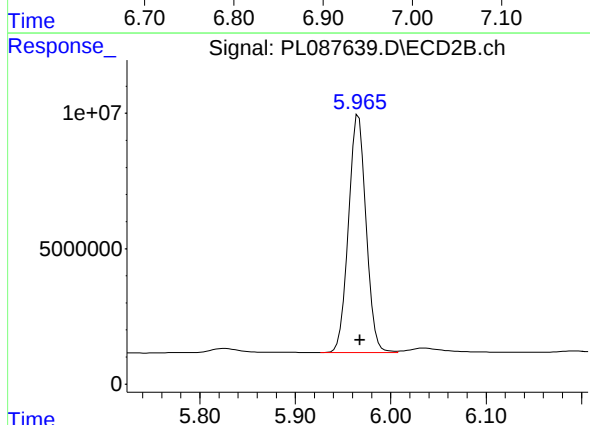
#17 4,4'-DDT

R.T.: 6.933 min
Delta R.T.: -0.002 min
Response: 247110617
Conc: 86.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

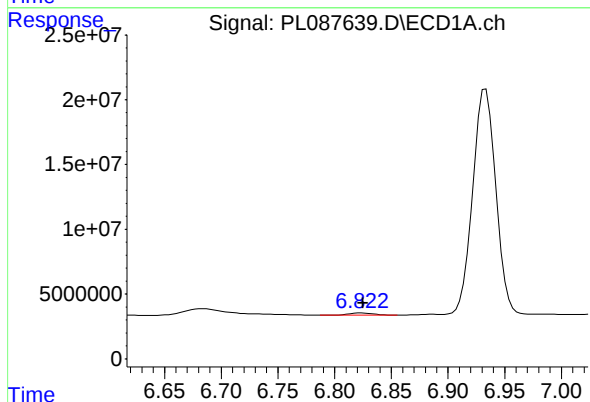
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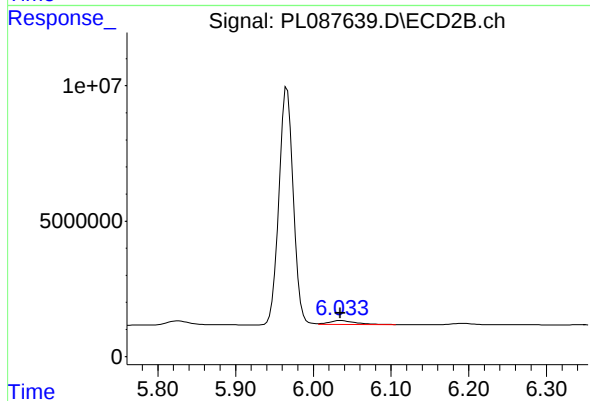
#17 4,4'-DDT

R.T.: 5.966 min
Delta R.T.: -0.002 min
Response: 113246194
Conc: 90.99 ng/ml



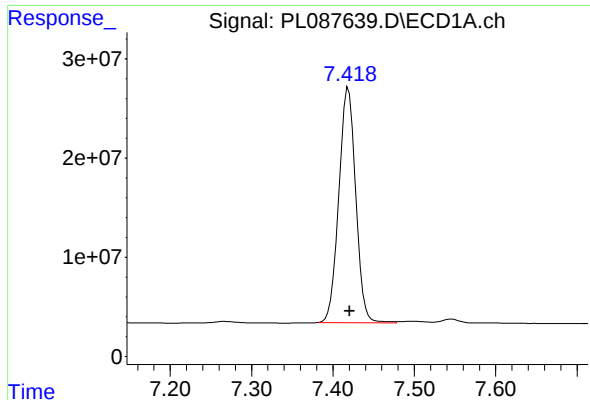
#18 Endrin aldehyde

R.T.: 6.823 min
Delta R.T.: -0.002 min
Response: 2318008
Conc: 0.92 ng/ml



#18 Endrin aldehyde

R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 3485111
Conc: 3.00 ng/ml m



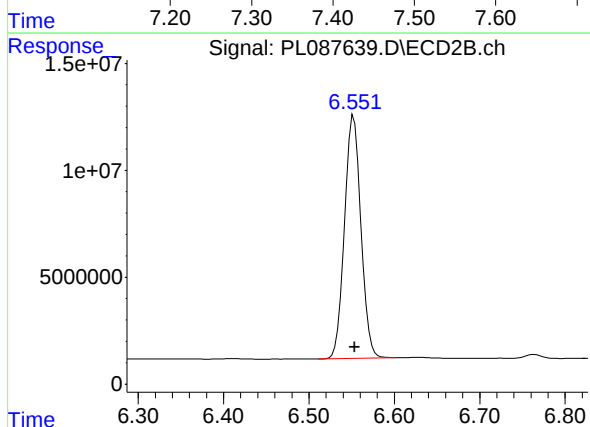
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: -0.002 min
Response: 341515227
Conc: 210.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

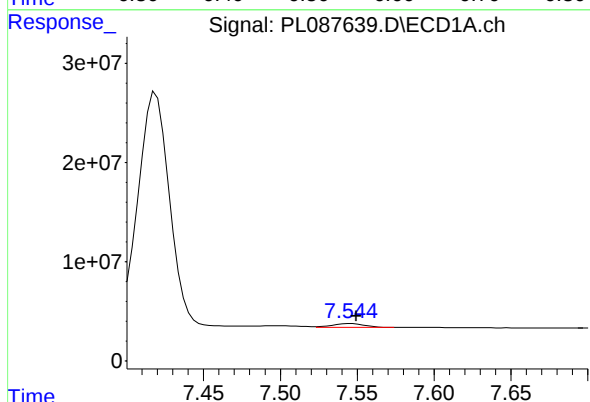
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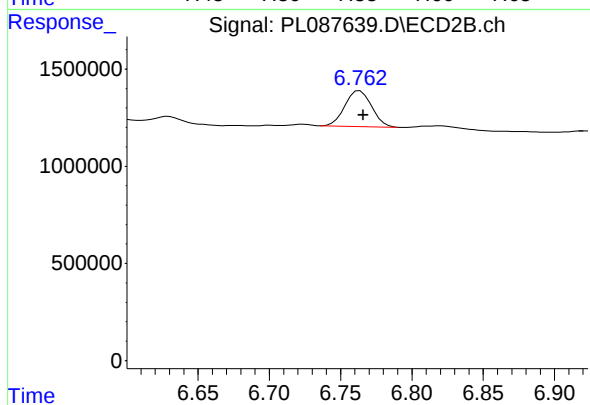
#20 Methoxychlor

R.T.: 6.552 min
Delta R.T.: -0.001 min
Response: 151961465
Conc: 206.45 ng/ml



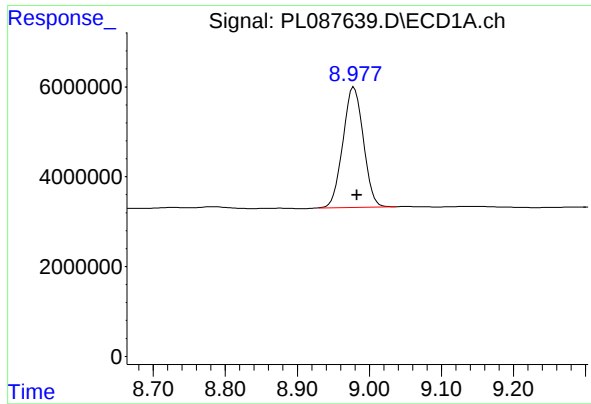
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.004 min
Response: 5498171
Conc: 1.69 ng/ml



#21 Endrin ketone

R.T.: 6.762 min
Delta R.T.: -0.004 min
Response: 2396816
Conc: 1.56 ng/ml m



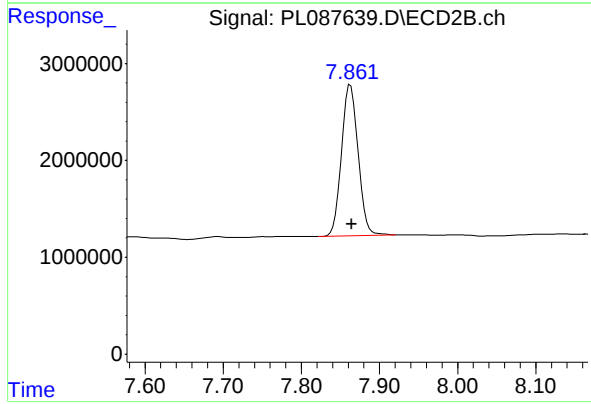
#28 Decachlorobiphenyl

R.T.: 8.978 min
Delta R.T.: -0.004 min
Response: 52594990
Conc: 18.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.863 min
Delta R.T.: -0.001 min
Response: 23092503
Conc: 18.23 ng/ml