

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022324\
 Data File : PL088262.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Feb 2024 16:40
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/26/2024
 Supervised By :Ankita Jodhani 02/26/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 24 00:23:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 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...	3.635	2.852	57323652	29697286	20.870	21.174m
28)	SA Decachlor...	9.308	8.087	45219736	28107159	23.479	22.074
Target Compounds							
2)	A alpha-BHC	4.099	3.366	39830198	19969287	9.542	9.718m
3)	MA gamma-BHC...	4.438	3.705	37795566	19186671	9.333	9.581
6)	B beta-BHC	4.634	4.005	18564613	9932666	10.659m	11.159m
14)	MA Endrin	6.720	5.775	124.2E6	77501258	47.766m	51.836
16)	A 4,4'-DDD	6.853	5.924	2314096	1621613	0.892m	1.187m#
17)	MA 4,4'-DDT	7.175	6.181	252.0E6	148.5E6	95.838	108.804
18)	B Endrin al...	7.073	6.257	2597694	2118510	1.256m	1.940 #
20)	A Methoxychlor	7.655	6.765	352.4E6	204.7E6	266.224	261.215
21)	B Endrin ke...	7.802	6.992	6103718	4466386	2.179	2.668m

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

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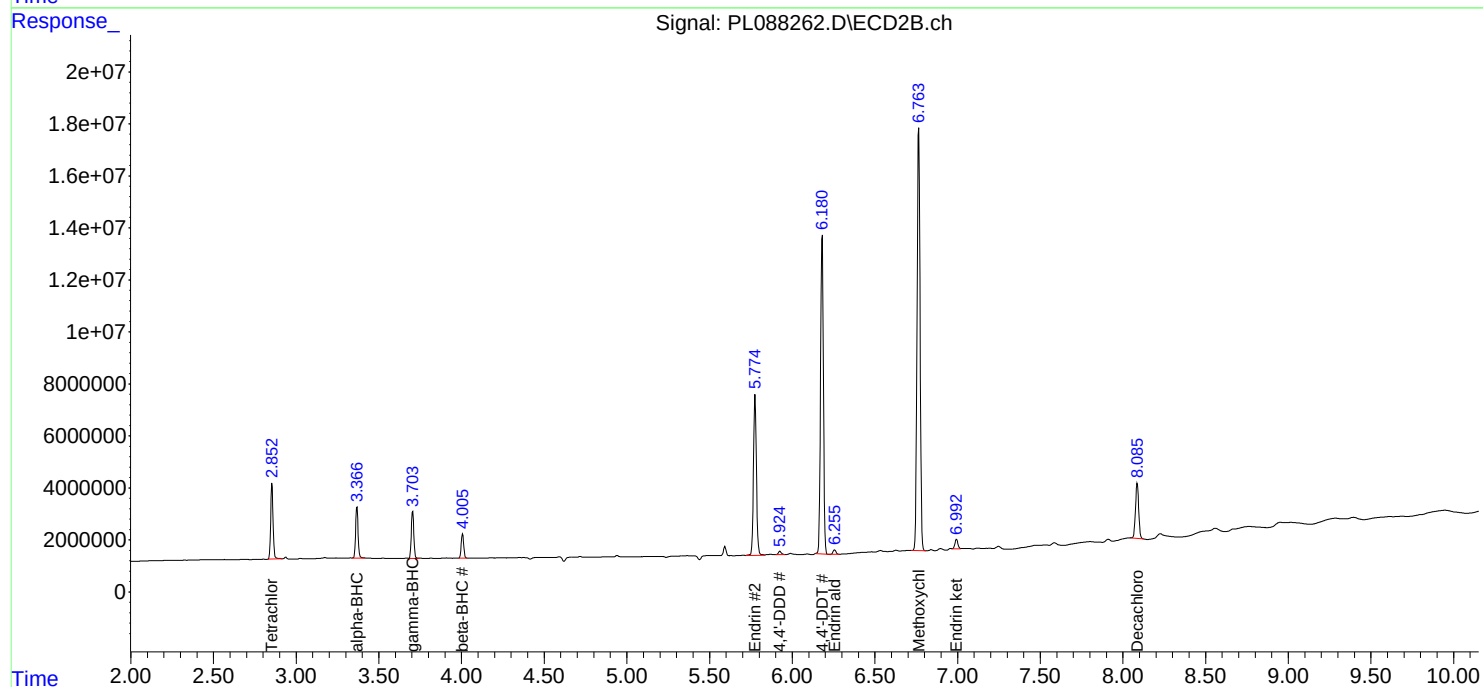
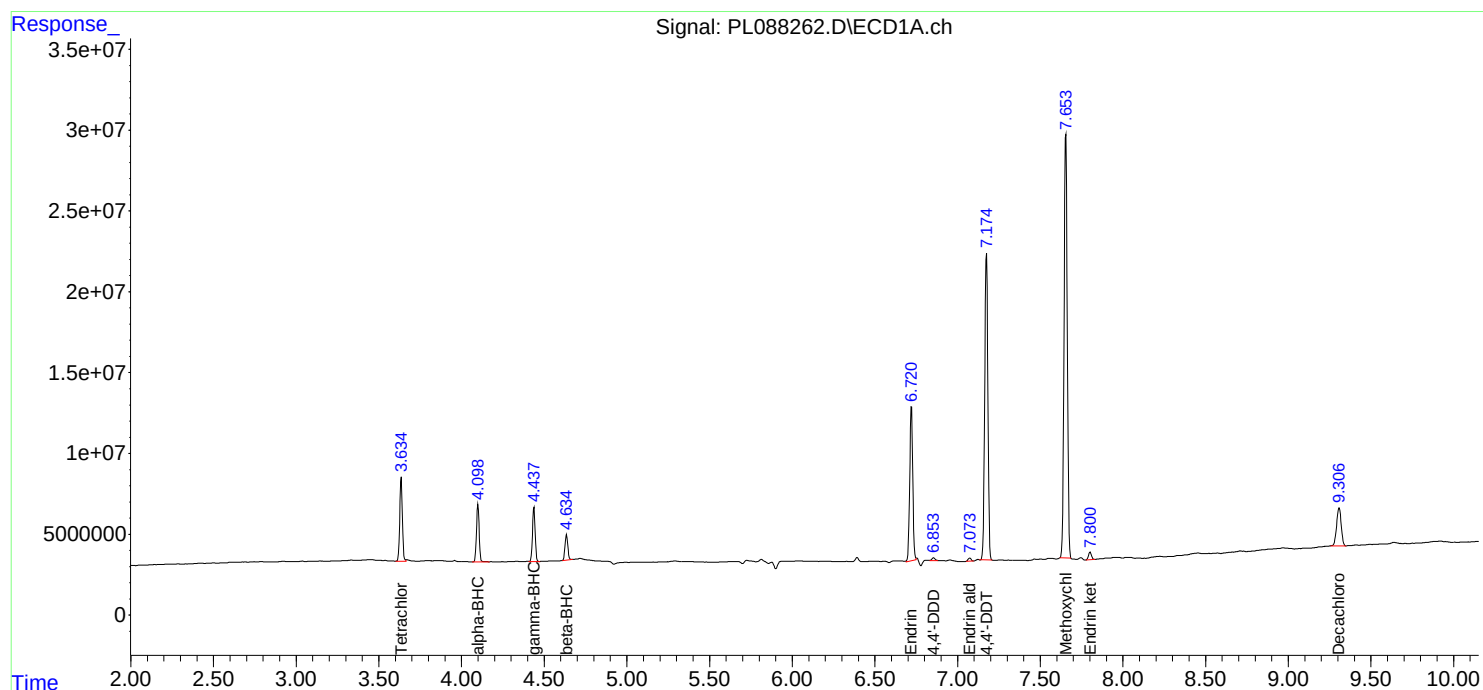
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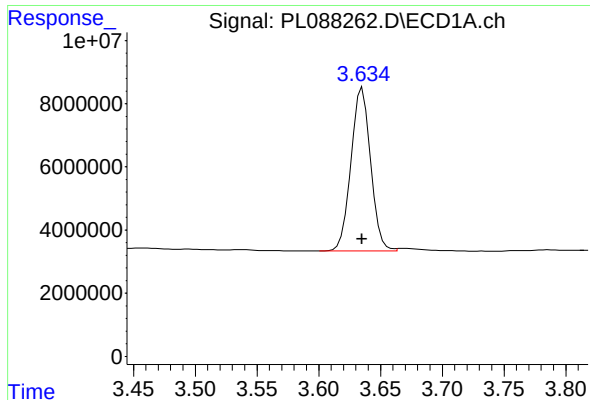
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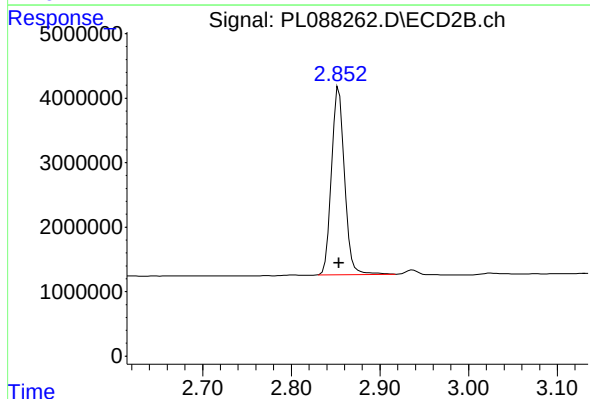
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 57323652
Conc: 20.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

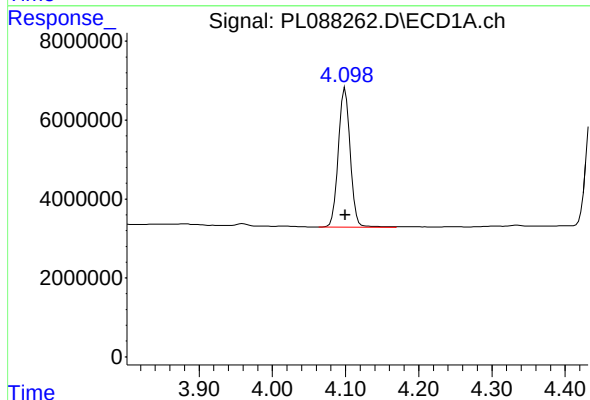
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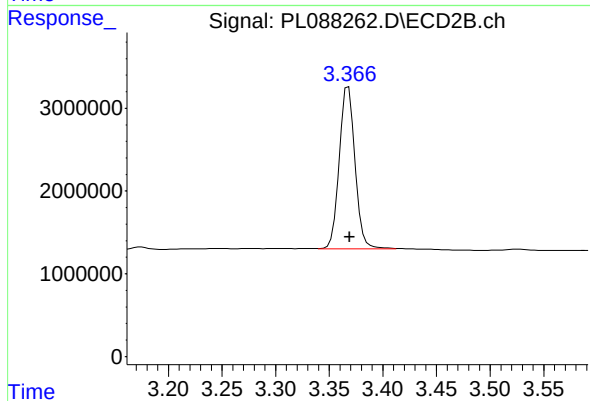
#1 Tetrachloro-m-xylene

R.T.: 2.852 min
Delta R.T.: -0.002 min
Response: 29697286
Conc: 21.17 ng/ml m



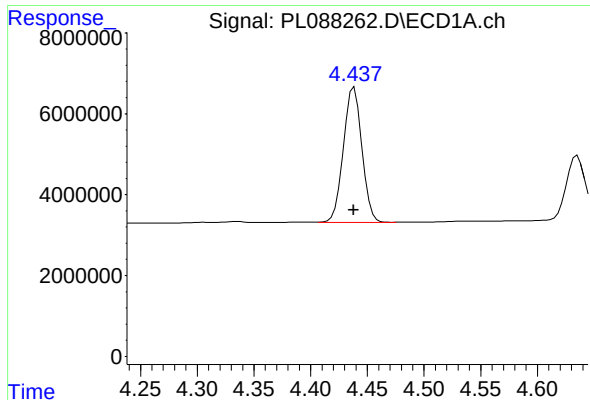
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 39830198
Conc: 9.54 ng/ml



#2 alpha-BHC

R.T.: 3.366 min
Delta R.T.: -0.002 min
Response: 19969287
Conc: 9.72 ng/ml m



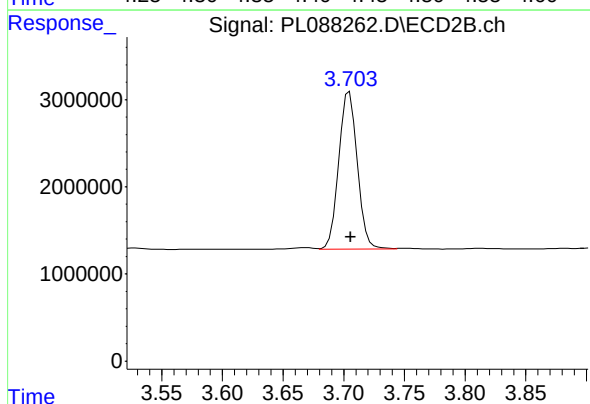
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 37795566
Conc: 9.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

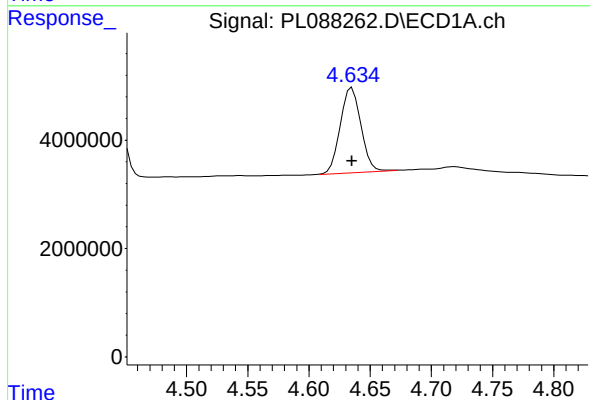
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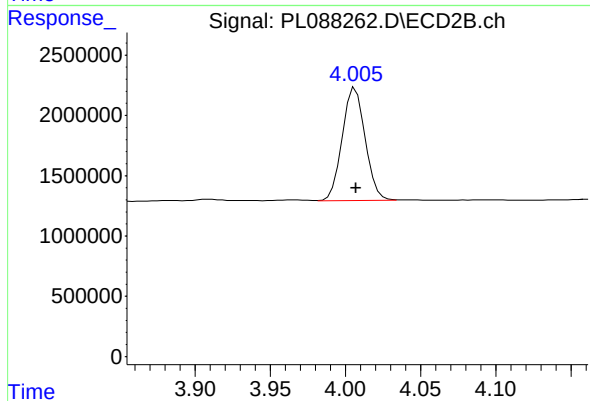
#3 gamma-BHC (Lindane)

R.T.: 3.705 min
Delta R.T.: -0.001 min
Response: 19186671
Conc: 9.58 ng/ml



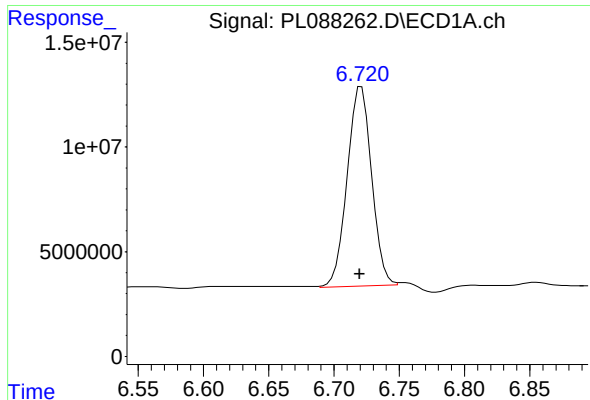
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 18564613
Conc: 10.66 ng/ml m



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: -0.002 min
Response: 9932666
Conc: 11.16 ng/ml m



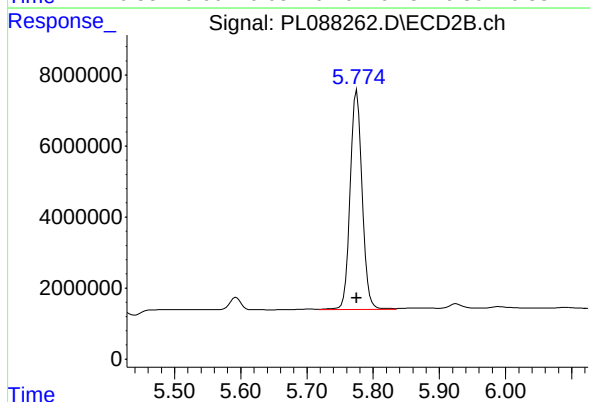
#14 Endrin

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 124221476
Conc: 47.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

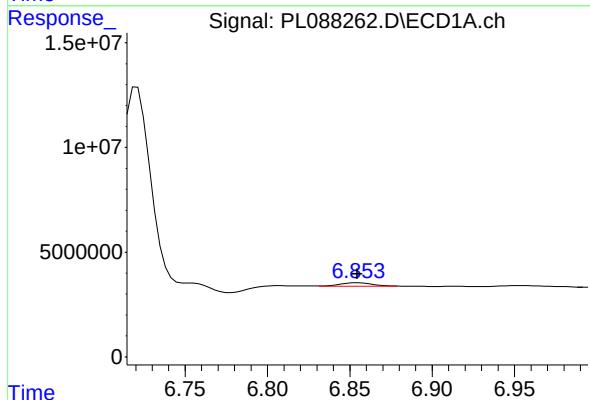
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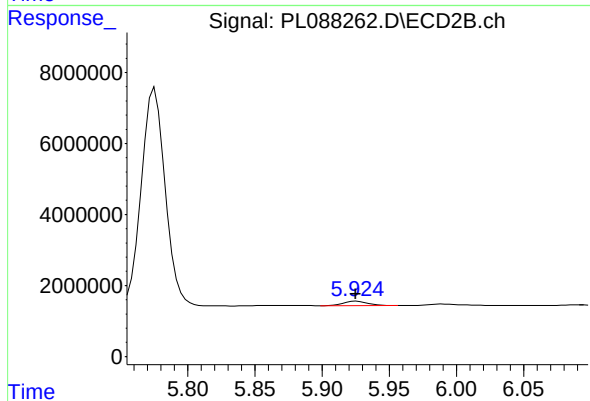
#14 Endrin

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 77501258
Conc: 51.84 ng/ml



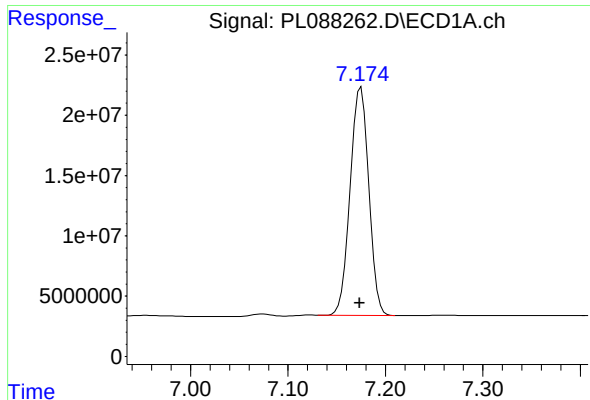
#16 4,4'-DDD

R.T.: 6.853 min
Delta R.T.: -0.001 min
Response: 2314096
Conc: 0.89 ng/ml m



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 1621613
Conc: 1.19 ng/ml m



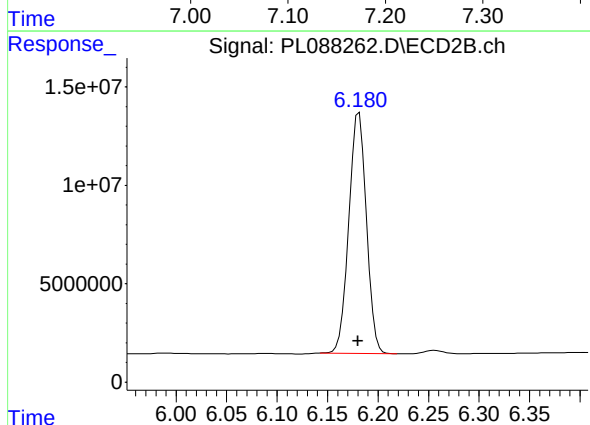
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: 0.001 min
Response: 251978677
Conc: 95.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

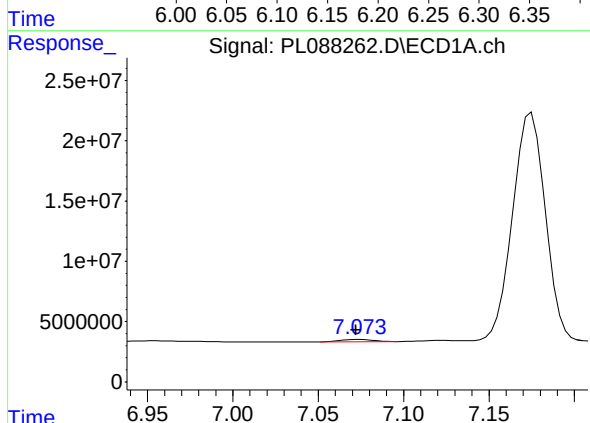
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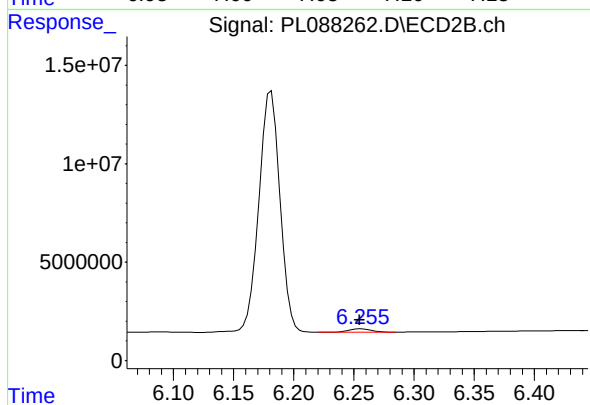
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 148543359
Conc: 108.80 ng/ml



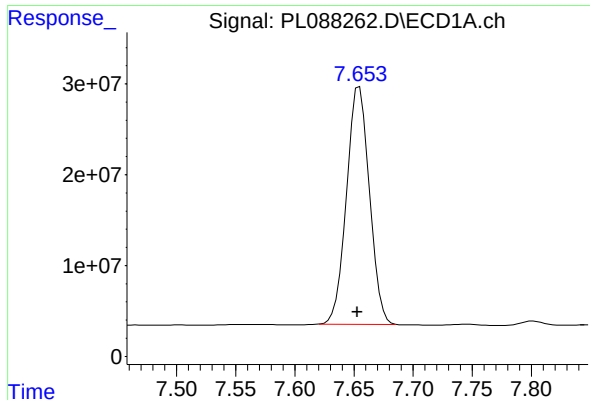
#18 Endrin aldehyde

R.T.: 7.073 min
Delta R.T.: 0.000 min
Response: 2597694
Conc: 1.26 ng/ml m



#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: 0.002 min
Response: 2118510
Conc: 1.94 ng/ml



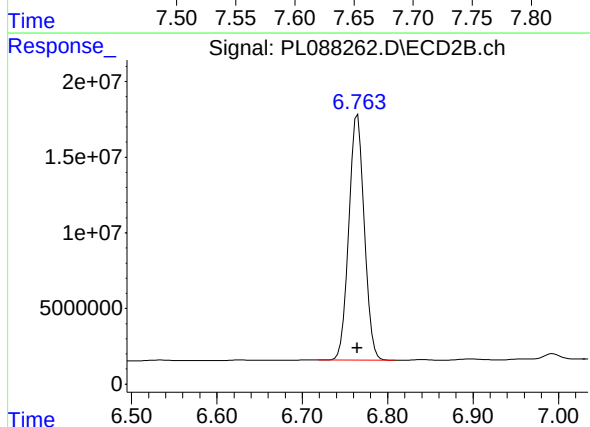
#20 Methoxychlor

R.T.: 7.655 min
Delta R.T.: 0.002 min
Response: 352404409
Conc: 266.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

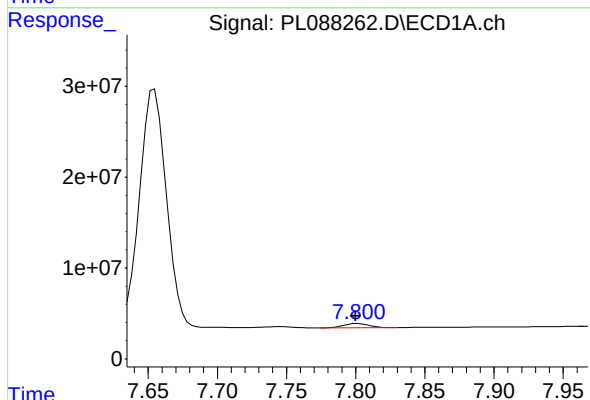
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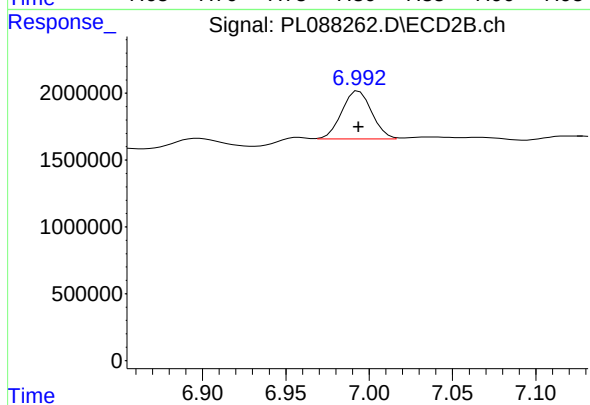
#20 Methoxychlor

R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 204728997
Conc: 261.22 ng/ml



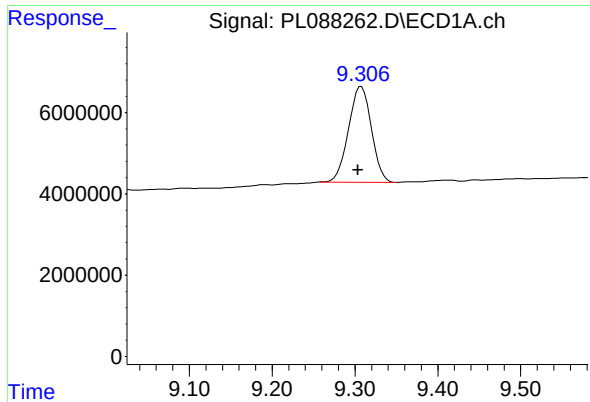
#21 Endrin ketone

R.T.: 7.802 min
Delta R.T.: 0.002 min
Response: 6103718
Conc: 2.18 ng/ml



#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.001 min
Response: 4466386
Conc: 2.67 ng/ml m



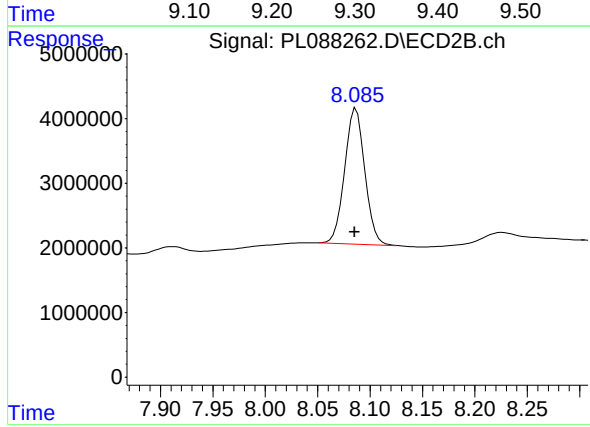
#28 Decachlorobiphenyl

R.T.: 9.308 min
Delta R.T.: 0.004 min
Response: 45219736
Conc: 23.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.087 min
Delta R.T.: 0.001 min
Response: 28107159
Conc: 22.07 ng/ml