

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031424\
 Data File : PL088581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2024 18:32
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/14/2024
 Supervised By :Ankita Jodhani 03/14/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 01:57:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031324.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 13 15:45:55 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...	3.634	2.850	56638923	27765621	21.373	20.833m
28)	SA Decachlor...	9.302	8.081	51853421	29183011	20.977	21.523
Target Compounds							
2)	A alpha-BHC	4.099	3.364	39468431	18436332	9.888	9.175m
3)	MA gamma-BHC...	4.437	3.703	38535517	17985156	9.936	9.372
6)	B beta-BHC	4.635	4.005	20016793	9332868	11.287	10.887
14)	MA Endrin	6.719	5.772	137.8E6	71795518	50.399	49.809
16)	A 4,4'-DDD	6.852	5.922	2031795	945416	0.798m	0.759m
17)	MA 4,4'-DDT	7.170	6.177	286.3E6	146.7E6	107.429m	109.270
18)	B Endrin al...	7.070	6.253	2637172	2037435	1.263	1.944 #
20)	A Methoxychlor	7.653	6.761	378.8E6	192.6E6	251.466	240.089
21)	B Endrin ke...	7.799	6.990	6698395	4240141	2.266	2.569

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

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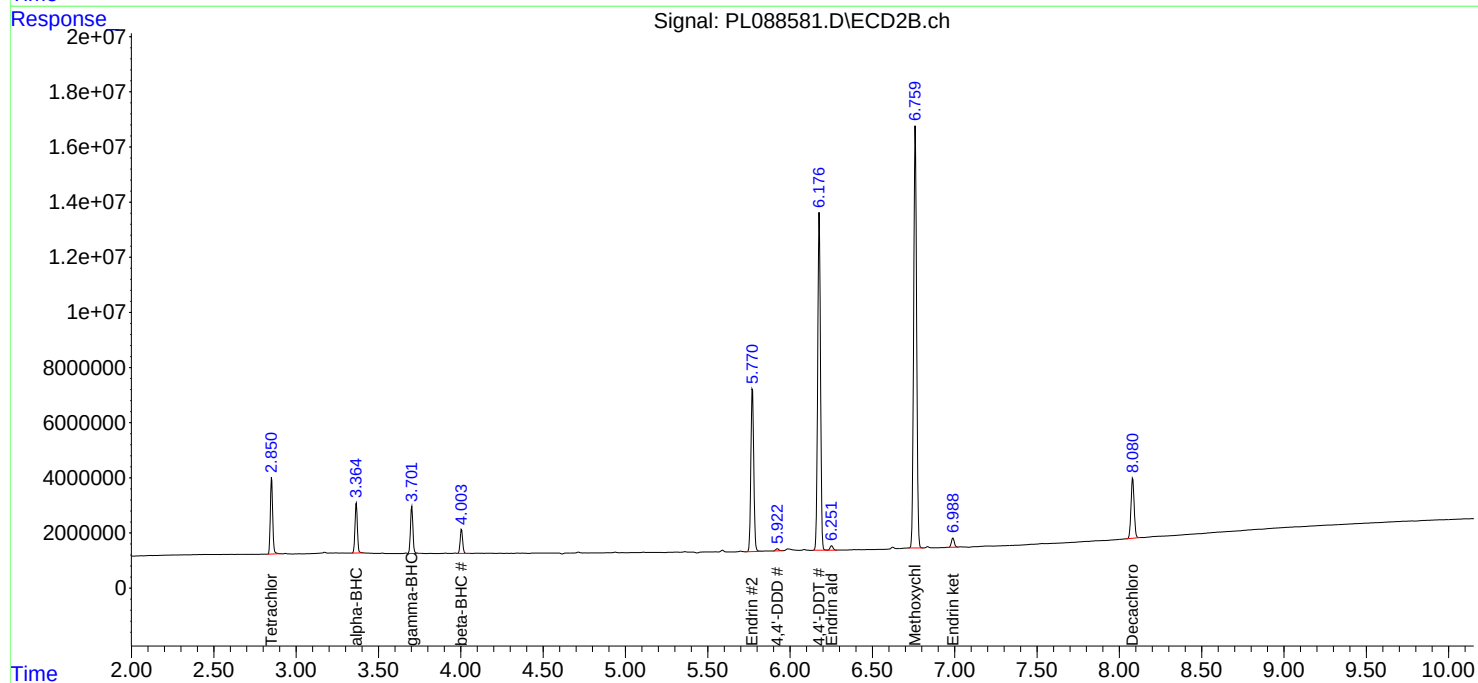
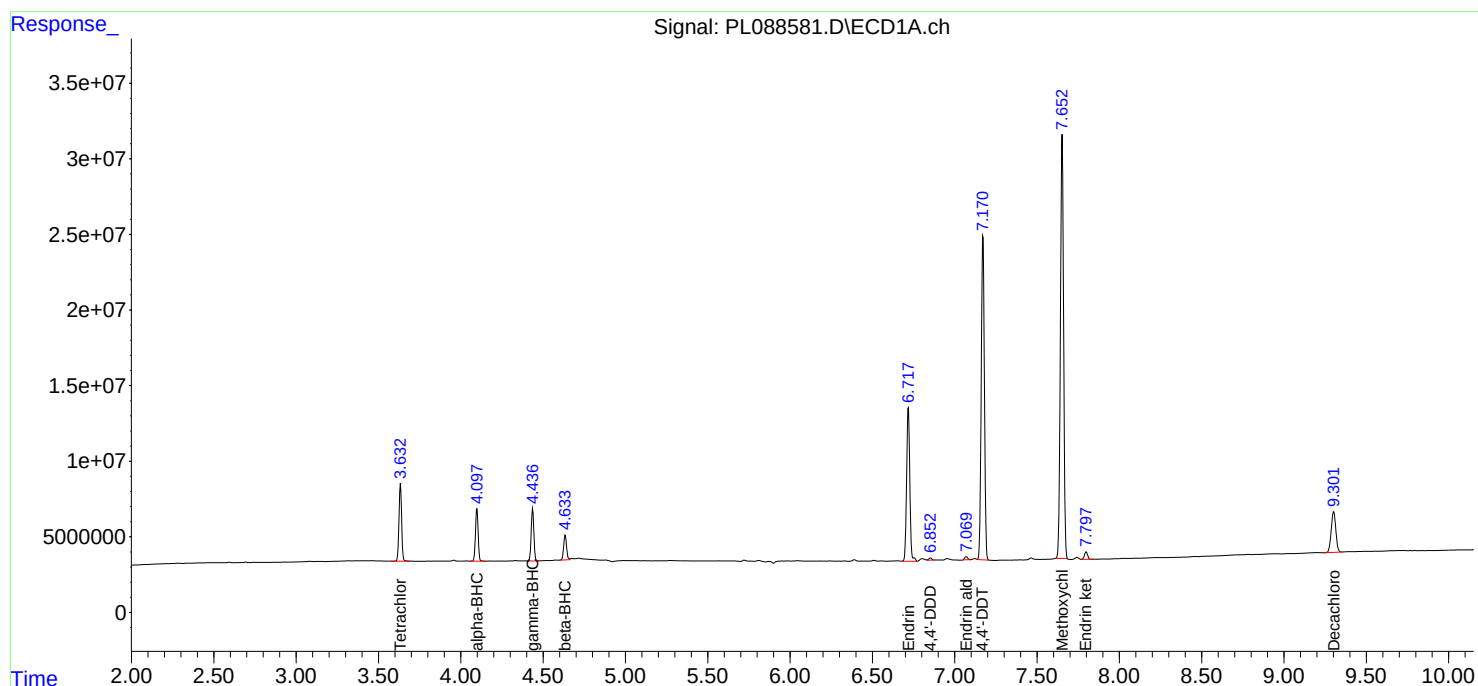
Instrument :
ECD_L
ClientSampleId :
PEM

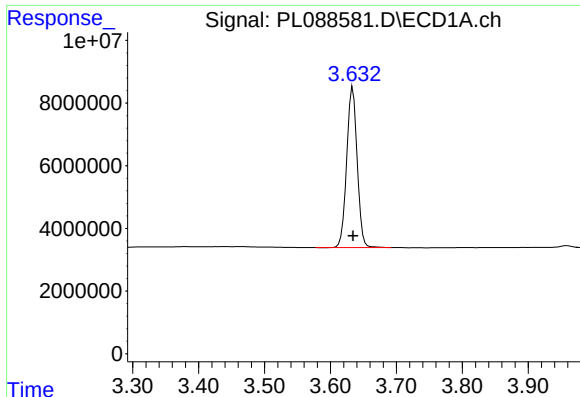
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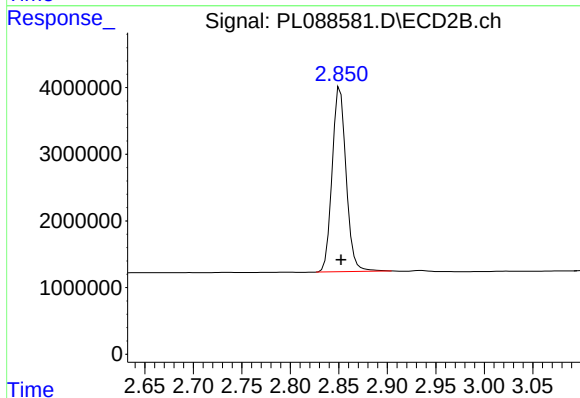
#1 Tetrachloro-m-xylene

R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 56638923
Conc: 21.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

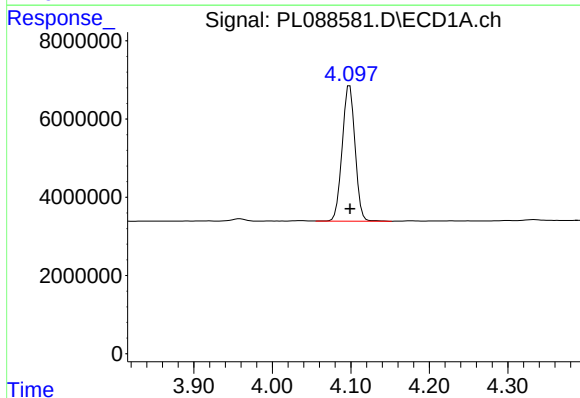
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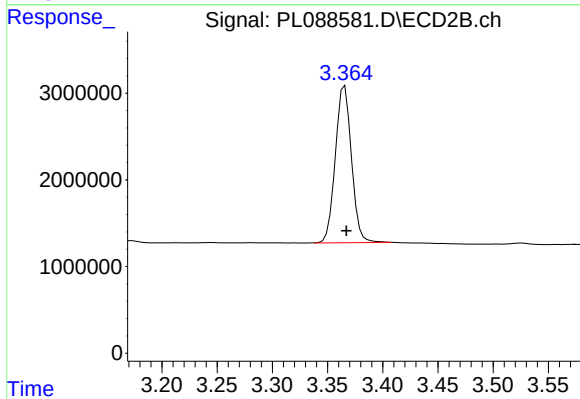
#1 Tetrachloro-m-xylene

R.T.: 2.850 min
Delta R.T.: -0.002 min
Response: 27765621
Conc: 20.83 ng/ml m



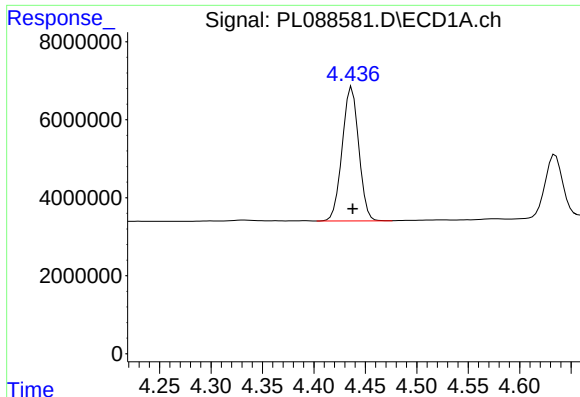
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 39468431
Conc: 9.89 ng/ml



#2 alpha-BHC

R.T.: 3.364 min
Delta R.T.: -0.003 min
Response: 18436332
Conc: 9.17 ng/ml m



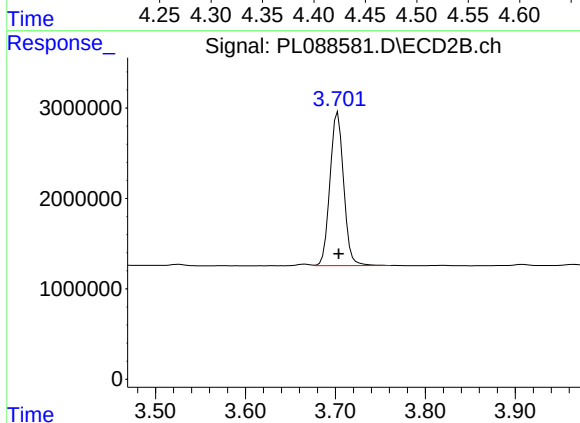
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 38535517
Conc: 9.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

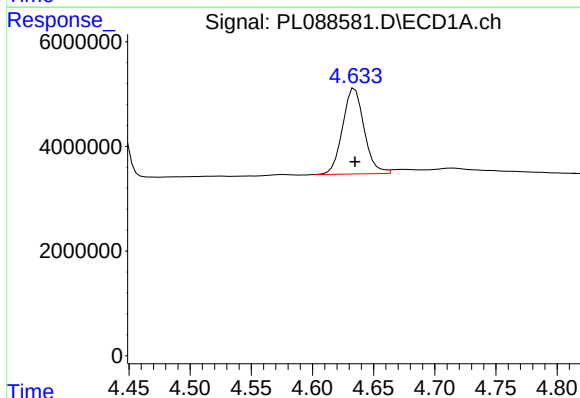
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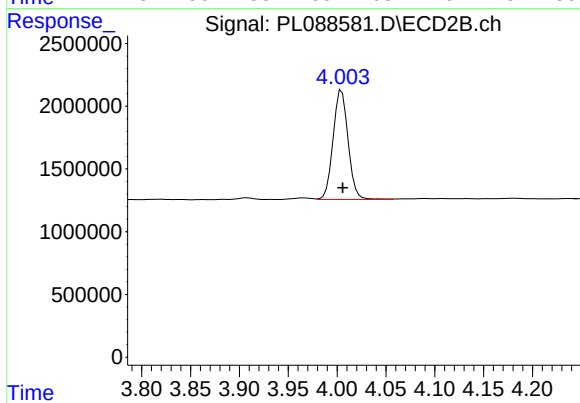
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: 0.000 min
Response: 17985156
Conc: 9.37 ng/ml



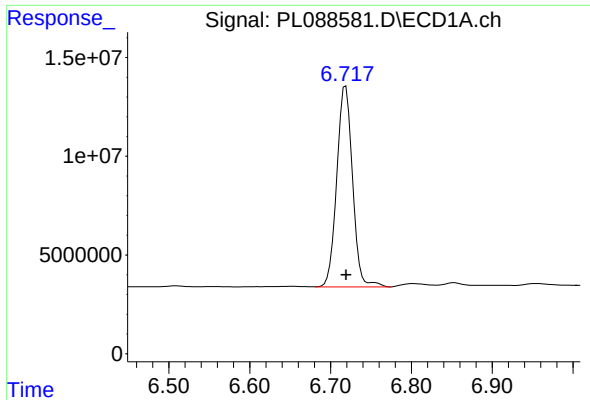
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 20016793
Conc: 11.29 ng/ml



#6 beta-BHC

R.T.: 4.005 min
Delta R.T.: -0.001 min
Response: 9332868
Conc: 10.89 ng/ml



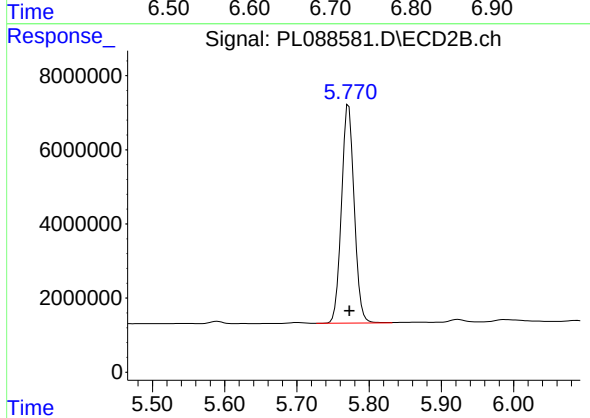
#14 Endrin

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 137777069
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

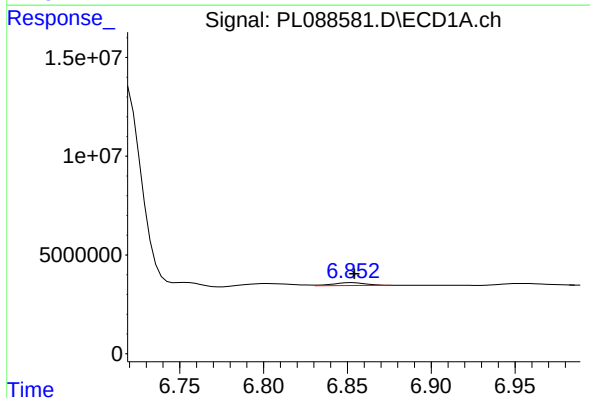
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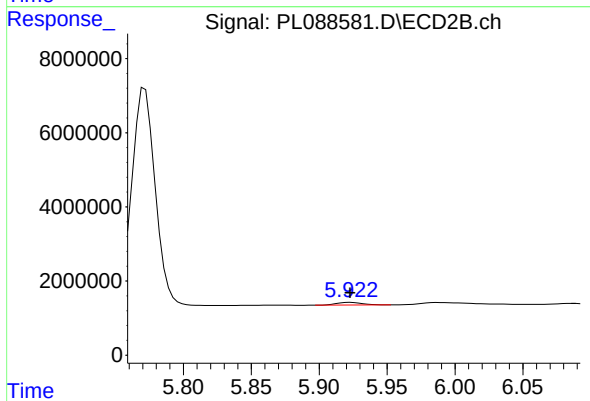
#14 Endrin

R.T.: 5.772 min
Delta R.T.: -0.001 min
Response: 71795518
Conc: 49.81 ng/ml



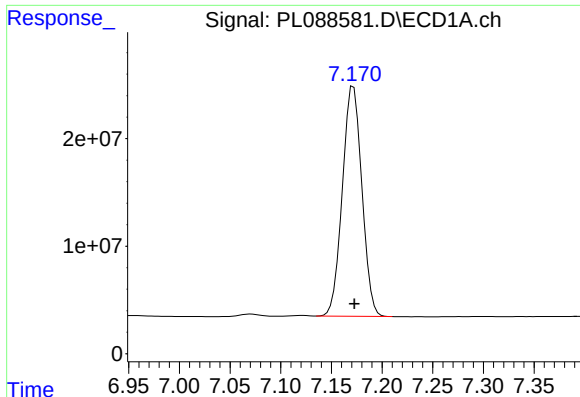
#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 2031795
Conc: 0.80 ng/ml m



#16 4,4'-DDD

R.T.: 5.922 min
Delta R.T.: -0.001 min
Response: 945416
Conc: 0.76 ng/ml m



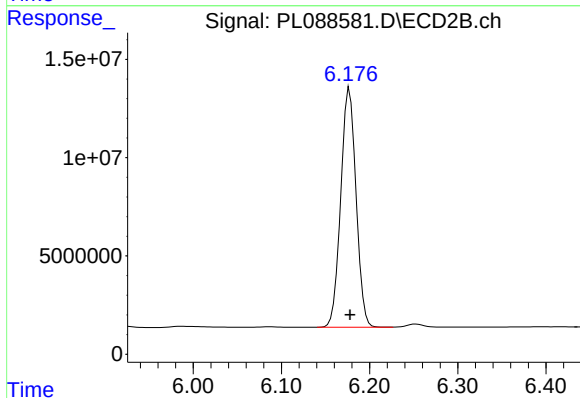
#17 4,4'-DDT

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 286348473
Conc: 107.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

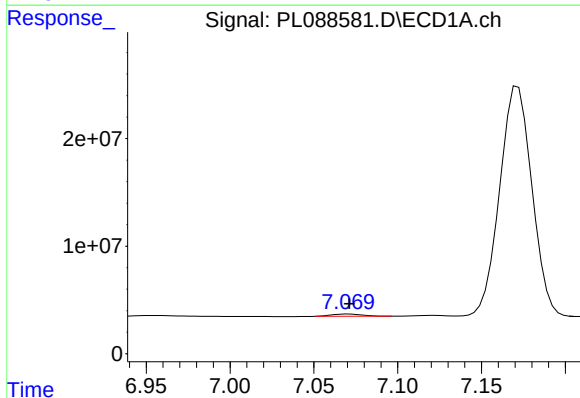
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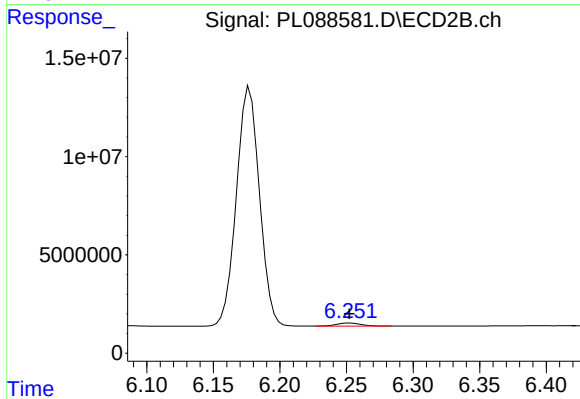
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 146662054
Conc: 109.27 ng/ml



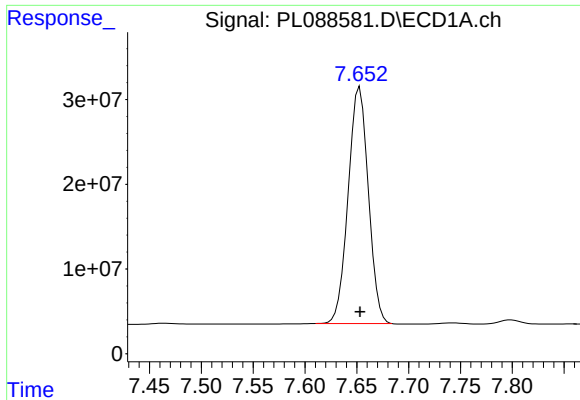
#18 Endrin aldehyde

R.T.: 7.070 min
Delta R.T.: 0.000 min
Response: 2637172
Conc: 1.26 ng/ml



#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 2037435
Conc: 1.94 ng/ml



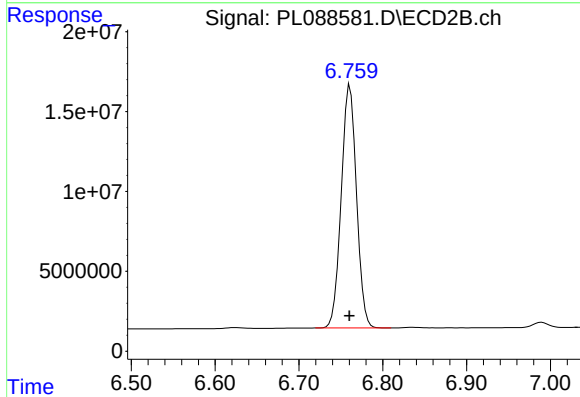
#20 Methoxychlor

R.T.: 7.653 min
Delta R.T.: 0.000 min
Response: 378836822
Conc: 251.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

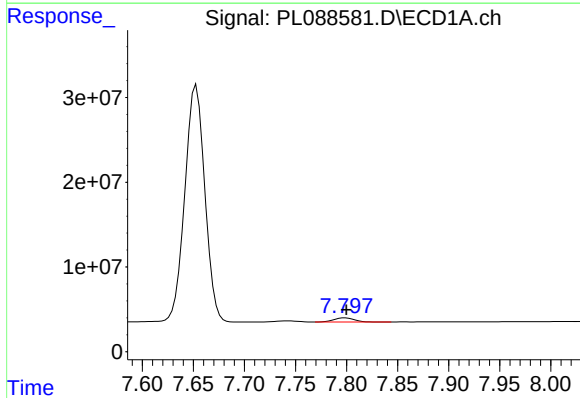
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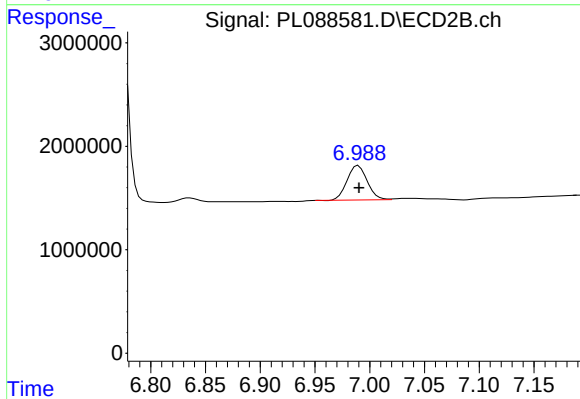
#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 192568418
Conc: 240.09 ng/ml



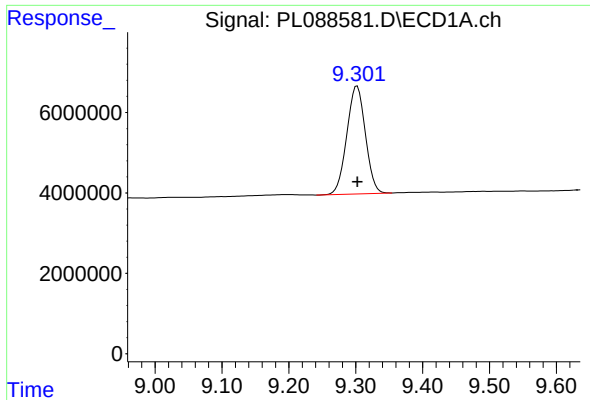
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: -0.001 min
Response: 6698395
Conc: 2.27 ng/ml



#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 4240141
Conc: 2.57 ng/ml



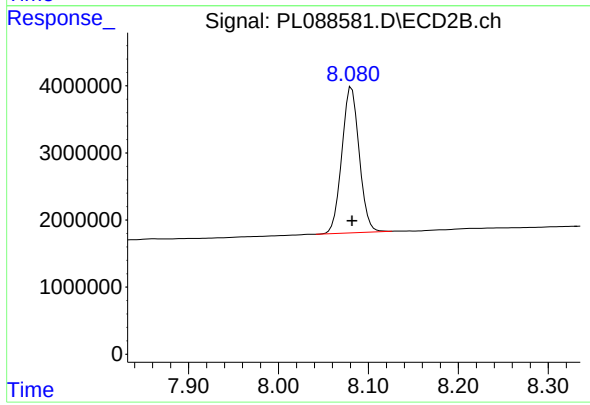
#28 Decachlorobiphenyl

R.T.: 9.302 min
Delta R.T.: 0.000 min
Response: 51853421
Conc: 20.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 29183011
Conc: 21.52 ng/ml