

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022224\
 Data File : PL088217.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2024 14:38
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/23/2024
 Supervised By : Ankita Jodhani 02/23/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 20:58:18 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...	3.640	2.854	53345246	27187637	19.421	19.385
28)	SA Decachlor...	9.308	8.088	47934651	28243971	24.889	22.182
Target Compounds							
2)	A alpha-BHC	4.104	3.368	37161915	17934379	8.903	8.728m
3)	MA gamma-BHC...	4.441	3.707	36276633	17447815	8.958m	8.713
6)	B beta-BHC	4.639	4.008	18112355	9089406	10.400	10.212
14)	MA Endrin	6.724	5.778	126.6E6	72355858	48.680	48.394
16)	A 4,4'-DDD	6.858	5.928	937316	943781	0.361m	0.691m#
17)	MA 4,4'-DDT	7.177	6.183	268.3E6	152.4E6	102.060	111.638
18)	B Endrin al...	7.075	6.258	2389995	1777496	1.156m	1.627 #
20)	A Methoxychlor	7.657	6.766	358.8E6	201.5E6	271.030	257.095
21)	B Endrin ke...	7.804	6.996	5358006	3936523	1.913	2.351

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

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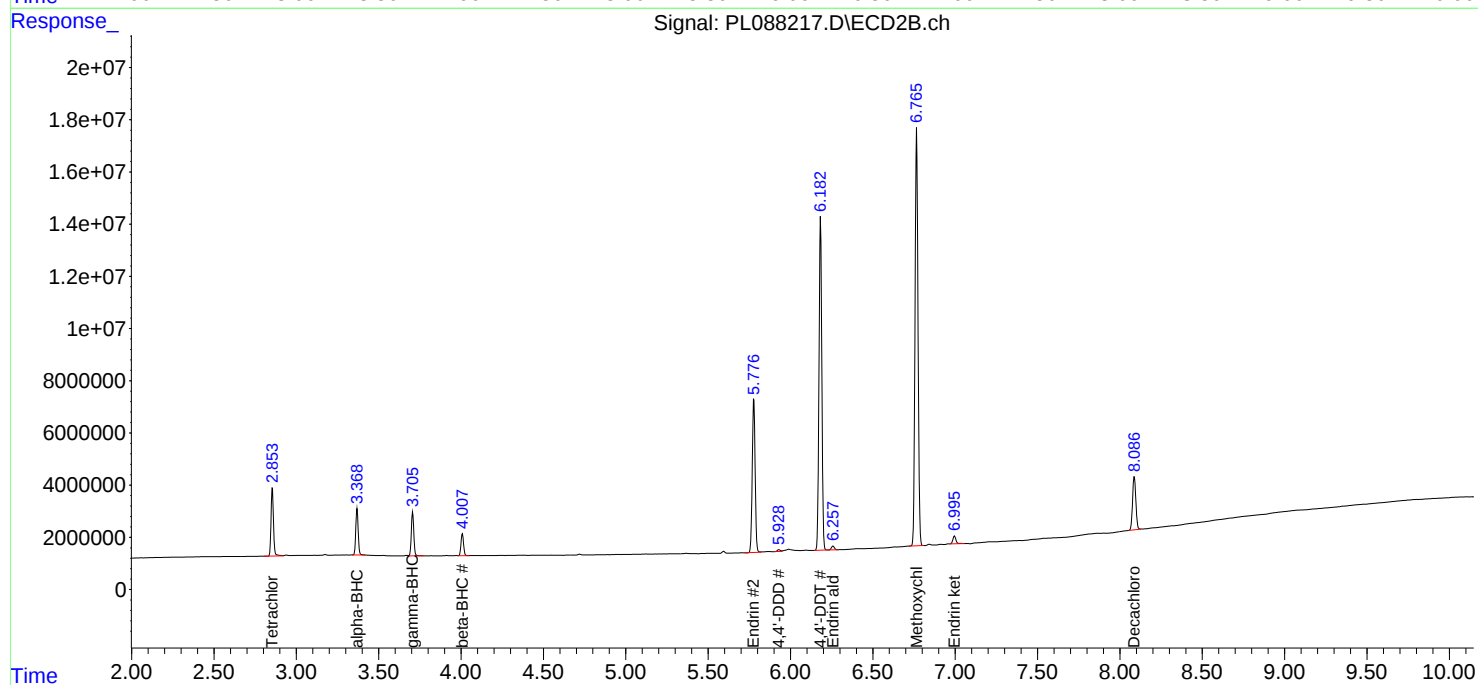
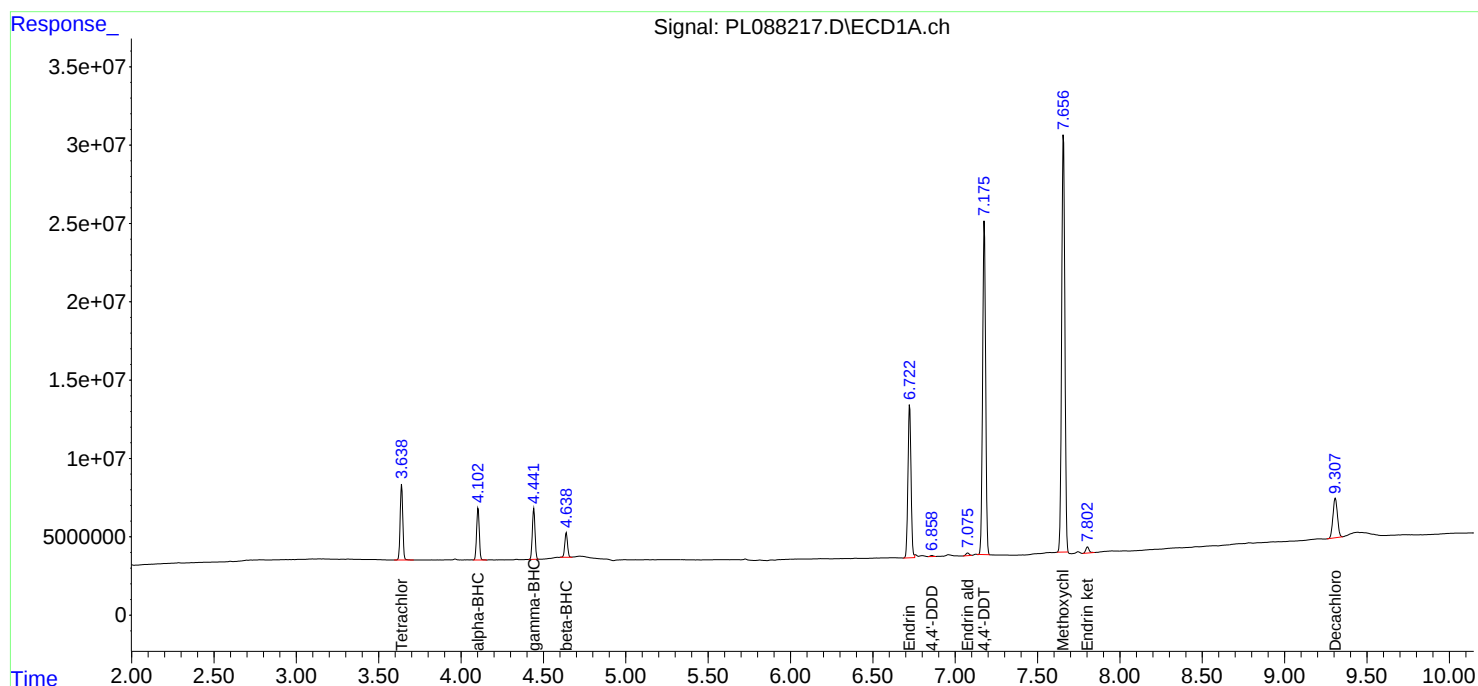
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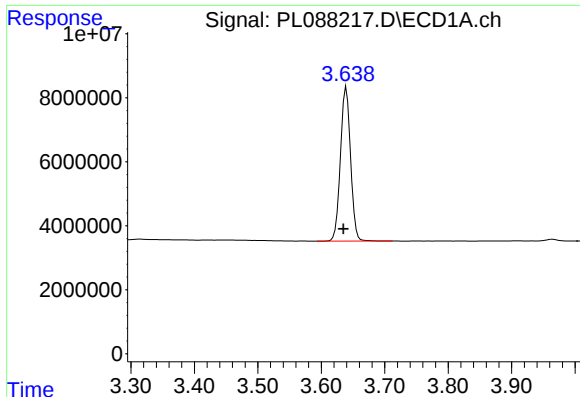
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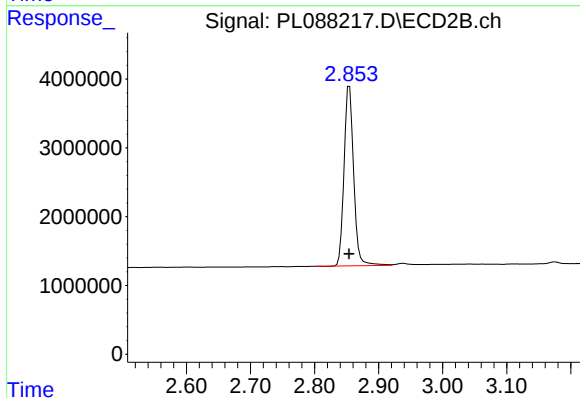
#1 Tetrachloro-m-xylene

R.T.: 3.640 min
Delta R.T.: 0.005 min
Response: 53345246
Conc: 19.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

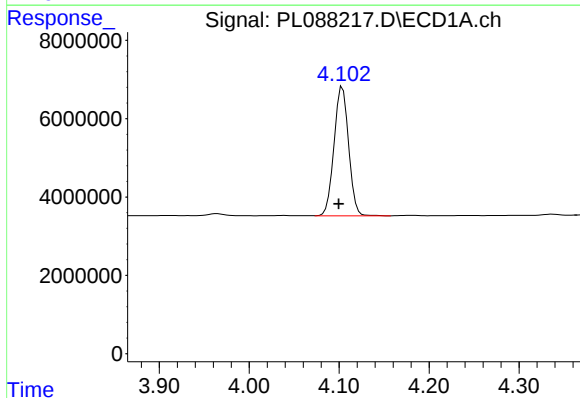
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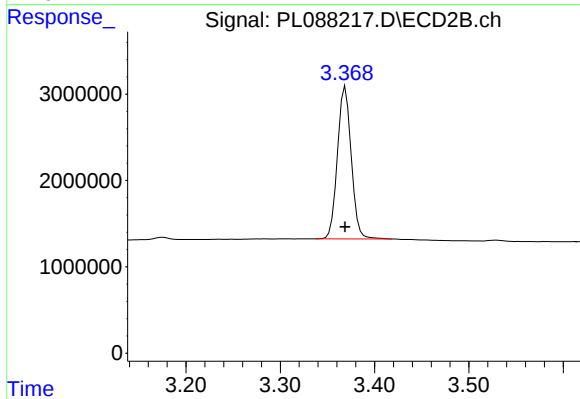
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 27187637
Conc: 19.38 ng/ml



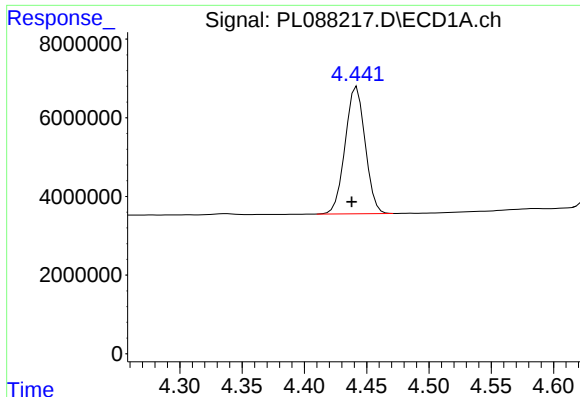
#2 alpha-BHC

R.T.: 4.104 min
Delta R.T.: 0.004 min
Response: 37161915
Conc: 8.90 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: 0.000 min
Response: 17934379
Conc: 8.73 ng/ml m



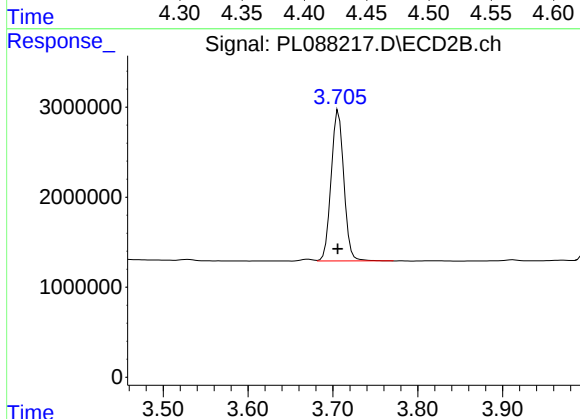
#3 gamma-BHC (Lindane)

R.T.: 4.441 min
Delta R.T.: 0.003 min
Response: 36276633
Conc: 8.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

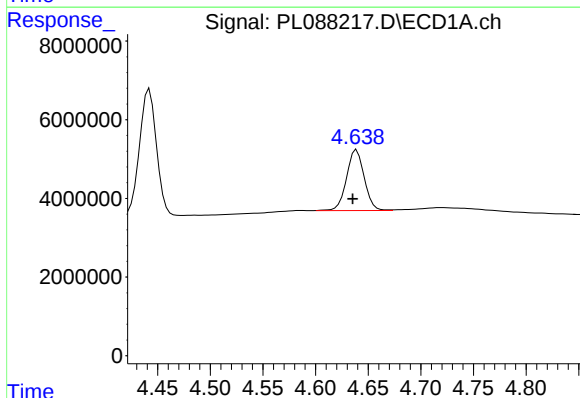
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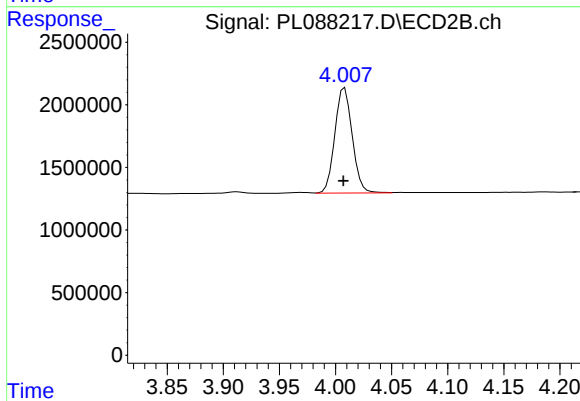
#3 gamma-BHC (Lindane)

R.T.: 3.707 min
Delta R.T.: 0.000 min
Response: 17447815
Conc: 8.71 ng/ml



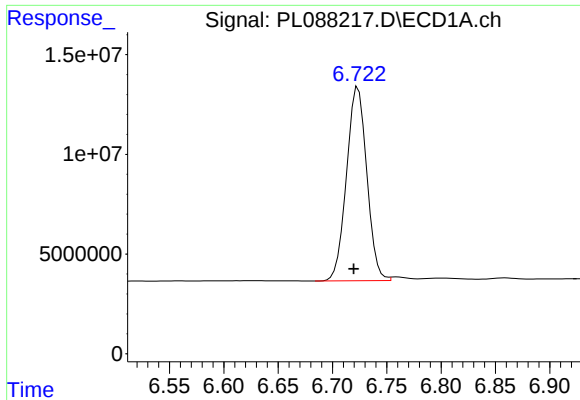
#6 beta-BHC

R.T.: 4.639 min
Delta R.T.: 0.004 min
Response: 18112355
Conc: 10.40 ng/ml



#6 beta-BHC

R.T.: 4.008 min
Delta R.T.: 0.001 min
Response: 9089406
Conc: 10.21 ng/ml



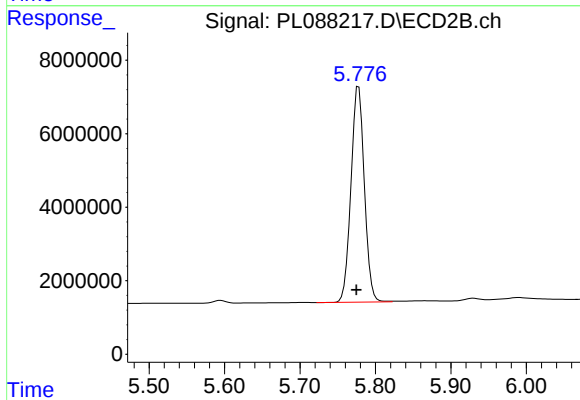
#14 Endrin

R.T.: 6.724 min
Delta R.T.: 0.004 min
Response: 126598015
Conc: 48.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

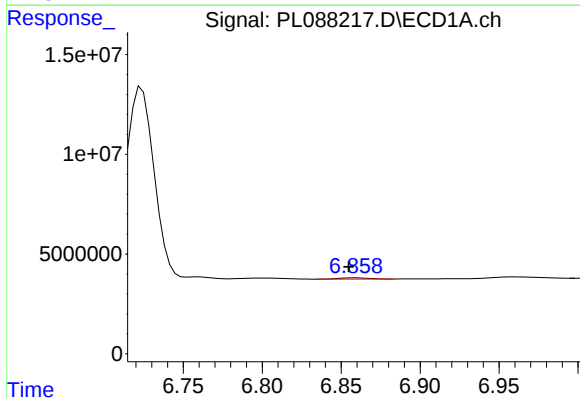
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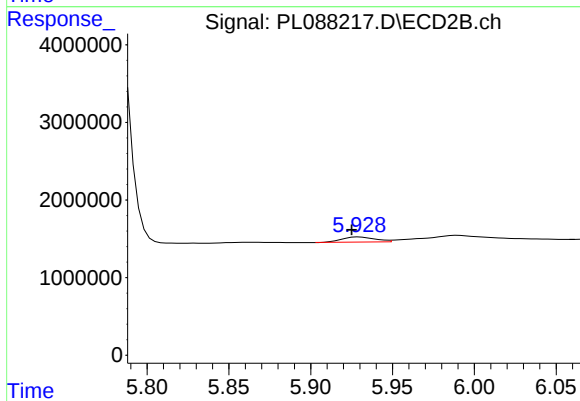
#14 Endrin

R.T.: 5.778 min
Delta R.T.: 0.003 min
Response: 72355858
Conc: 48.39 ng/ml



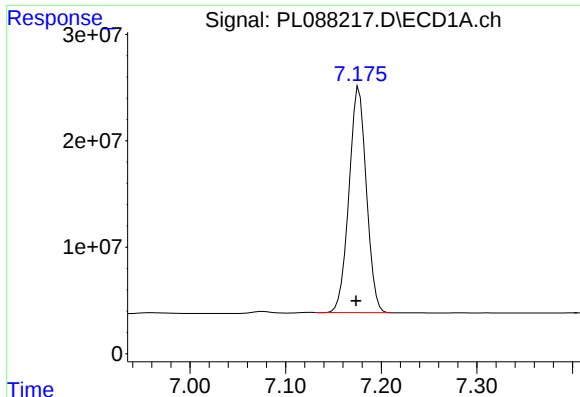
#16 4,4'-DDD

R.T.: 6.858 min
Delta R.T.: 0.003 min
Response: 937316
Conc: 0.36 ng/ml m



#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: 0.003 min
Response: 943781
Conc: 0.69 ng/ml m



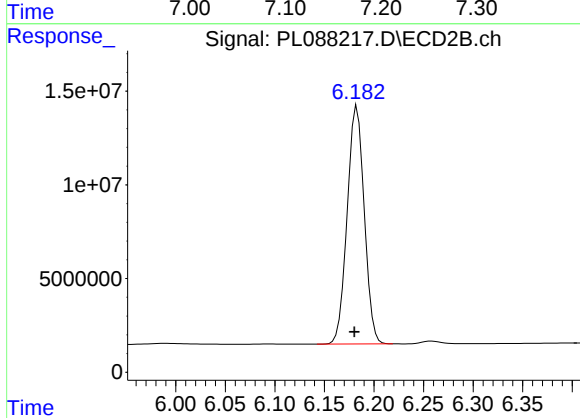
#17 4,4'-DDT

R.T.: 7.177 min
Delta R.T.: 0.003 min
Response: 268336930
Conc: 102.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

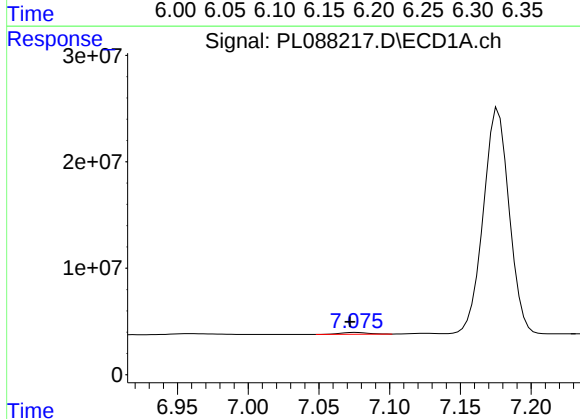
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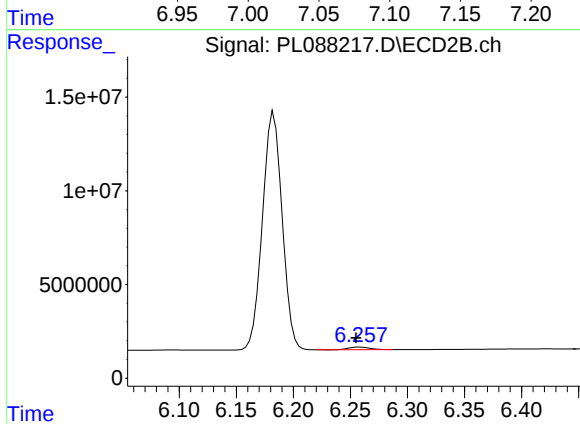
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: 0.003 min
Response: 152412049
Conc: 111.64 ng/ml



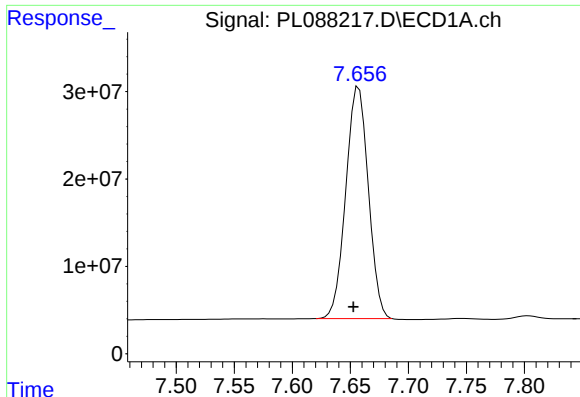
#18 Endrin aldehyde

R.T.: 7.075 min
Delta R.T.: 0.002 min
Response: 2389995
Conc: 1.16 ng/ml m



#18 Endrin aldehyde

R.T.: 6.258 min
Delta R.T.: 0.003 min
Response: 1777496
Conc: 1.63 ng/ml



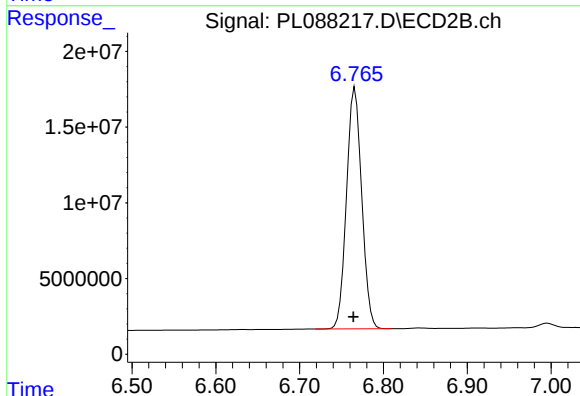
#20 Methoxychlor

R.T.: 7.657 min
Delta R.T.: 0.005 min
Response: 358765248
Conc: 271.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

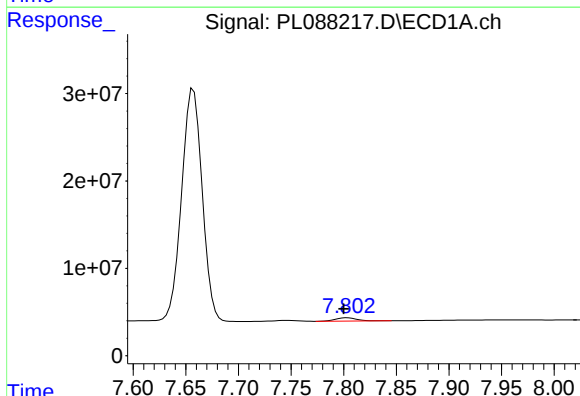
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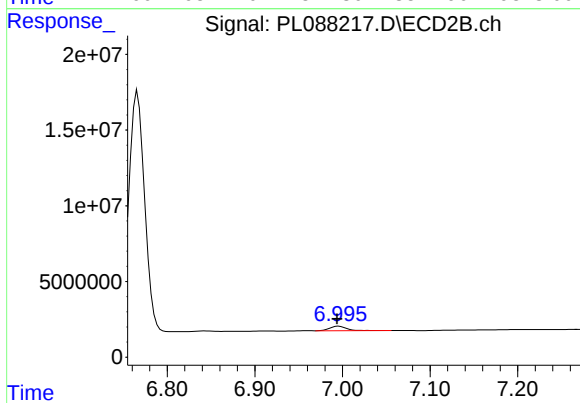
#20 Methoxychlor

R.T.: 6.766 min
Delta R.T.: 0.002 min
Response: 201500119
Conc: 257.10 ng/ml



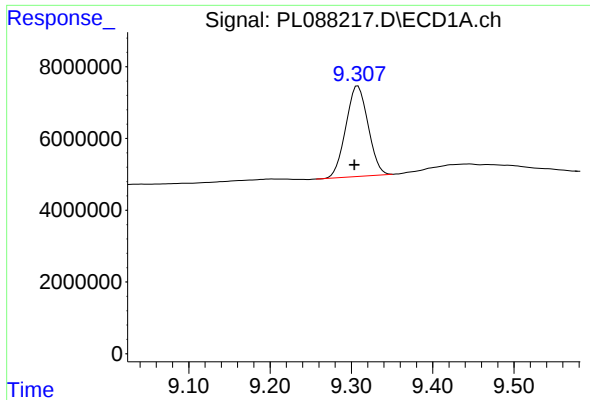
#21 Endrin ketone

R.T.: 7.804 min
Delta R.T.: 0.004 min
Response: 5358006
Conc: 1.91 ng/ml



#21 Endrin ketone

R.T.: 6.996 min
Delta R.T.: 0.002 min
Response: 3936523
Conc: 2.35 ng/ml



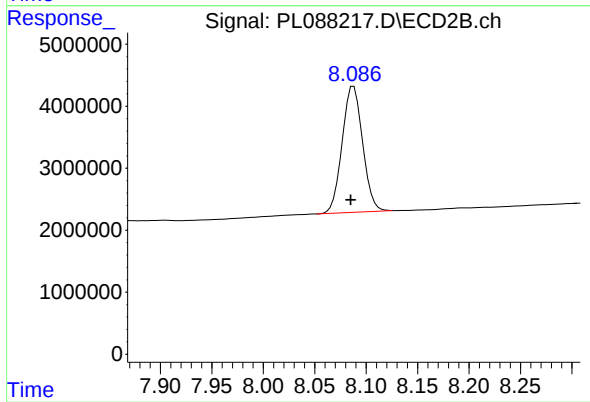
#28 Decachlorobiphenyl

R.T.: 9.308 min
Delta R.T.: 0.004 min
Response: 47934651
Conc: 24.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 8.088 min
Delta R.T.: 0.003 min
Response: 28243971
Conc: 22.18 ng/ml