

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022224\
 Data File : PL088209.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2024 11:08
 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 20:50:45 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	2.855	51069199	25945781	18.593	18.499
28)	SA Decachlor...	9.301	8.084	46328646	27723258	24.055	21.773
Target Compounds							
2)	A alpha-BHC	4.099	3.367	35344695	17521931	8.467	8.527m
3)	MA gamma-BHC...	4.437	3.706	34575437	16701423	8.538	8.340
6)	B beta-BHC	4.634	4.007	18015525	8734798	10.344	9.814
14)	MA Endrin	6.718	5.775	117.9E6	67742215	45.331	45.308
16)	A 4,4'-DDD	6.853	5.925	1261228	1194726	0.486	0.874m#
17)	MA 4,4'-DDT	7.171	6.180	250.2E6	145.5E6	95.157	106.593
18)	B Endrin al...	7.070	6.255	2390546	2097071	1.156	1.920 #
20)	A Methoxychlor	7.651	6.763	339.1E6	193.6E6	256.203m	246.961
21)	B Endrin ke...	7.798	6.993	6696082	4510190	2.390	2.694

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

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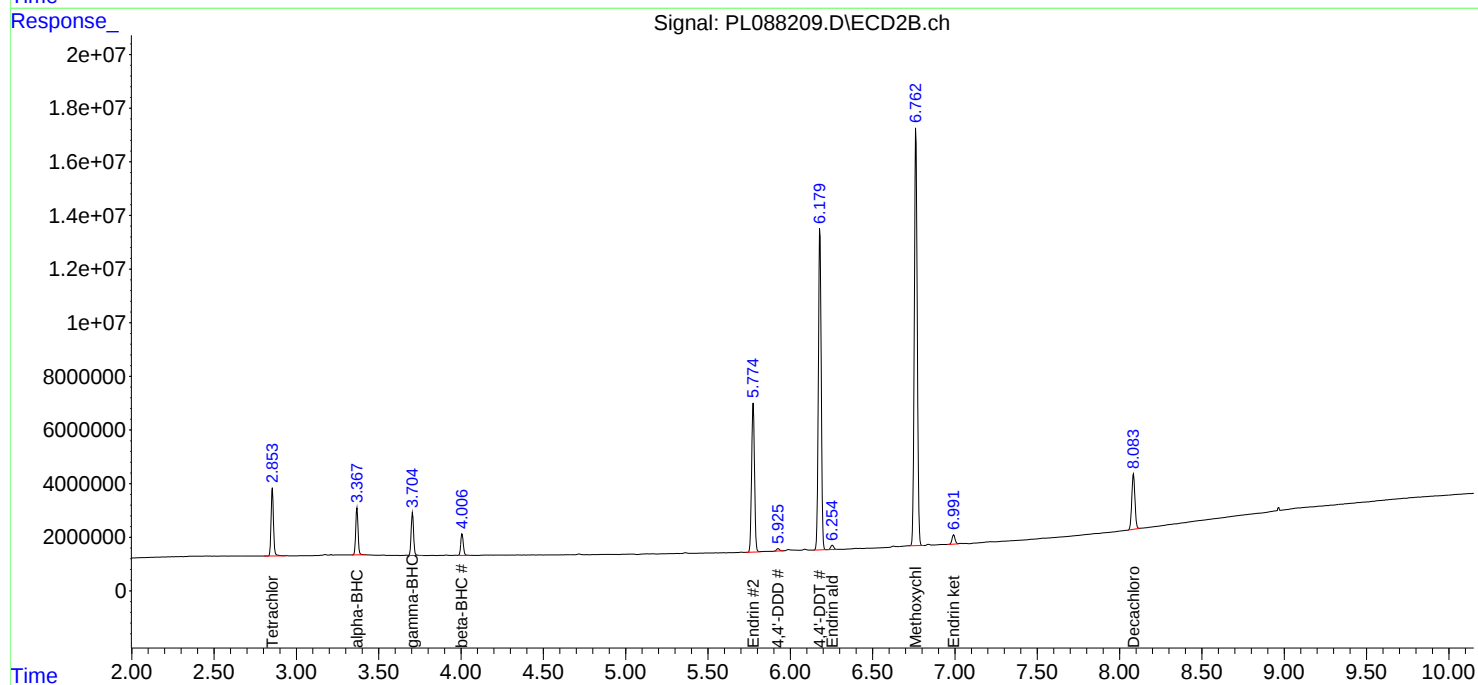
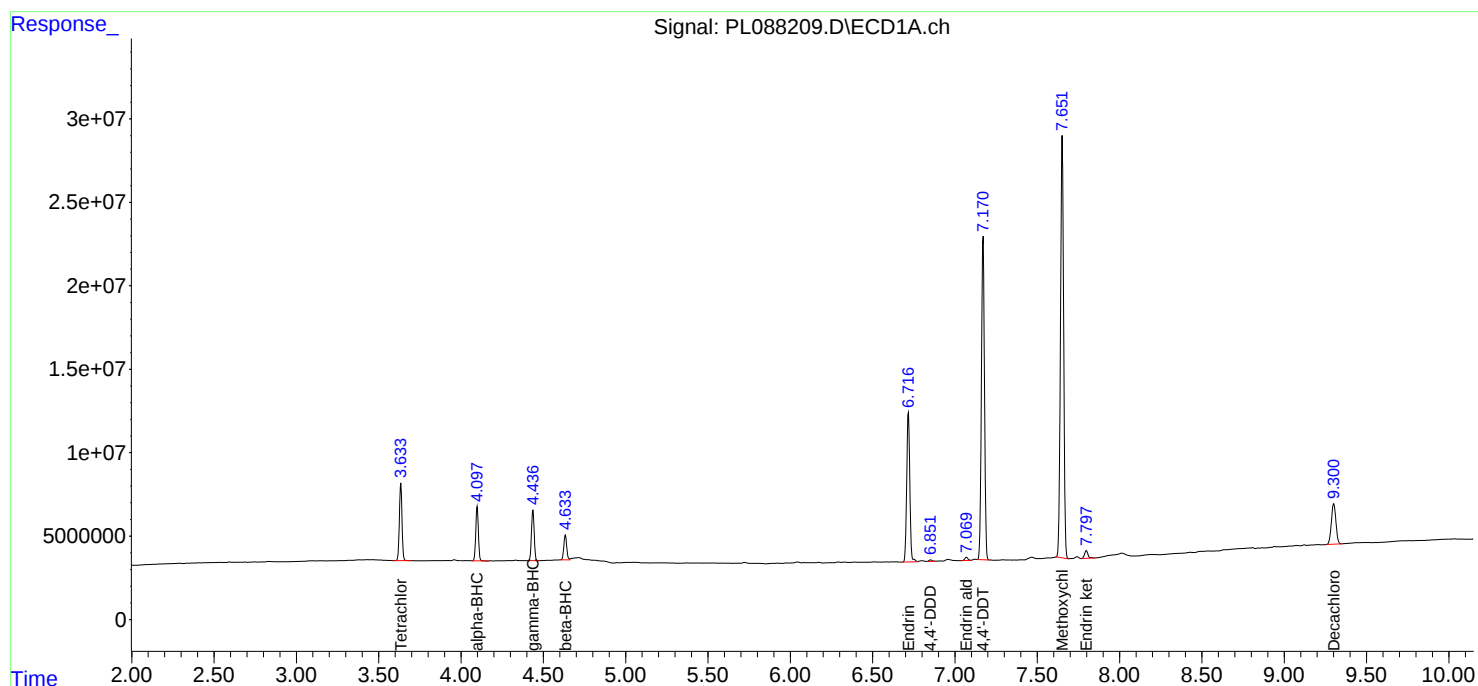
Instrument :
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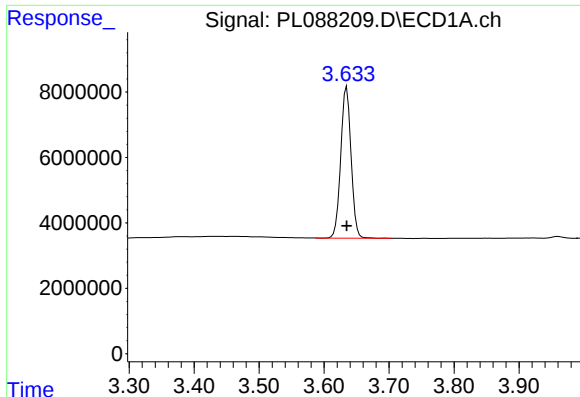
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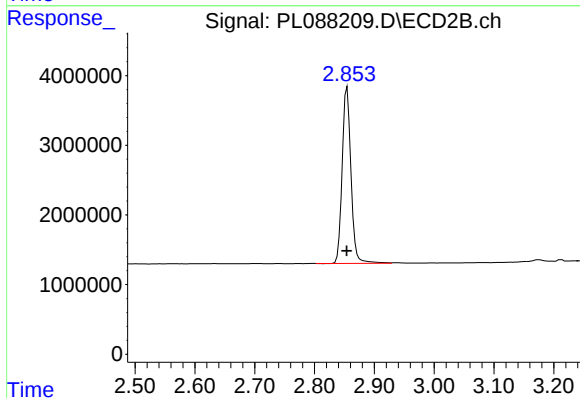
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 51069199
Conc: 18.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

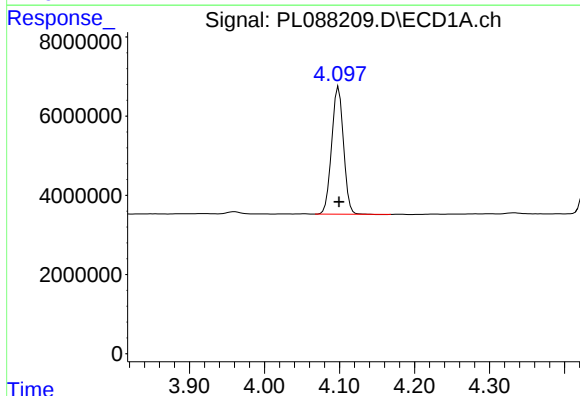
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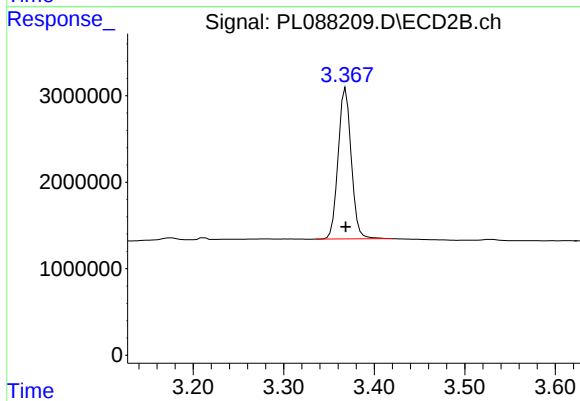
#1 Tetrachloro-m-xylene

R.T.: 2.855 min
Delta R.T.: 0.000 min
Response: 25945781
Conc: 18.50 ng/ml



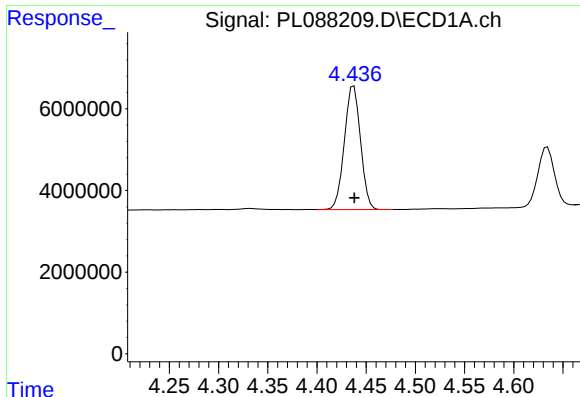
#2 alpha-BHC

R.T.: 4.099 min
Delta R.T.: 0.000 min
Response: 35344695
Conc: 8.47 ng/ml



#2 alpha-BHC

R.T.: 3.367 min
Delta R.T.: -0.002 min
Response: 17521931
Conc: 8.53 ng/ml m



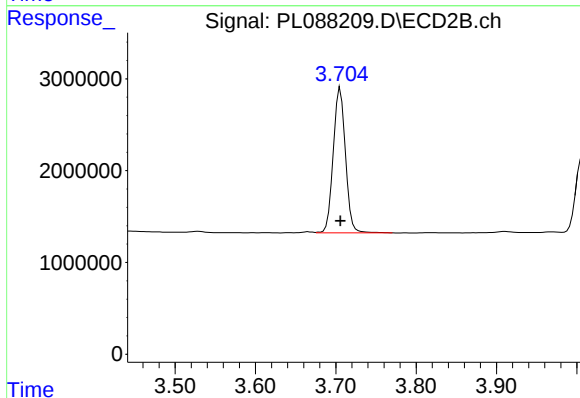
#3 gamma-BHC (Lindane)

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 34575437
Conc: 8.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

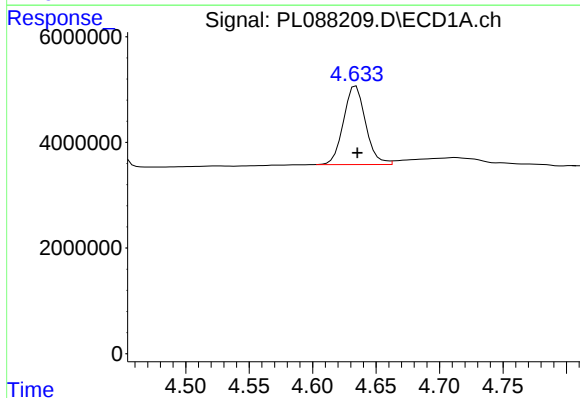
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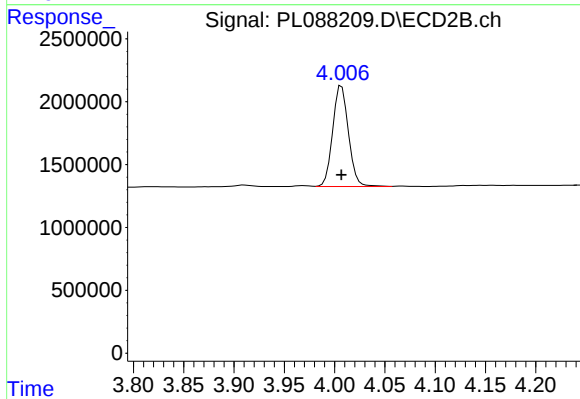
#3 gamma-BHC (Lindane)

R.T.: 3.706 min
Delta R.T.: 0.000 min
Response: 16701423
Conc: 8.34 ng/ml



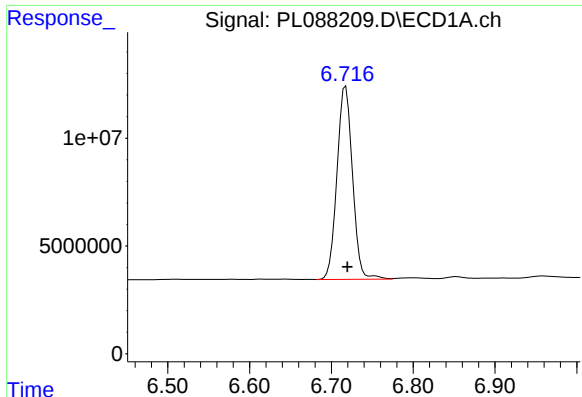
#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 18015525
Conc: 10.34 ng/ml



#6 beta-BHC

R.T.: 4.007 min
Delta R.T.: 0.000 min
Response: 8734798
Conc: 9.81 ng/ml



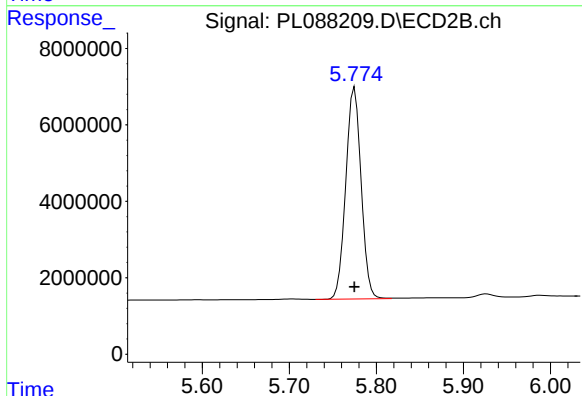
#14 Endrin

R.T.: 6.718 min
Delta R.T.: -0.002 min
Response: 117888452
Conc: 45.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

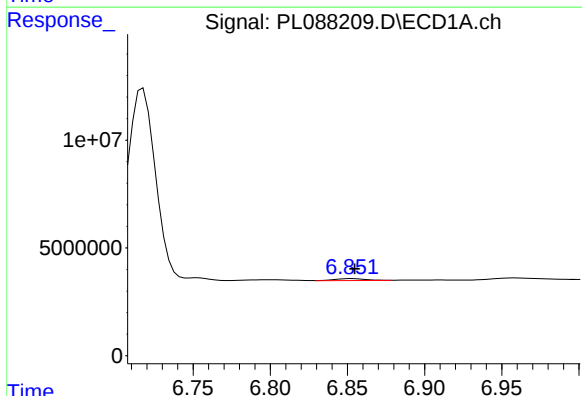
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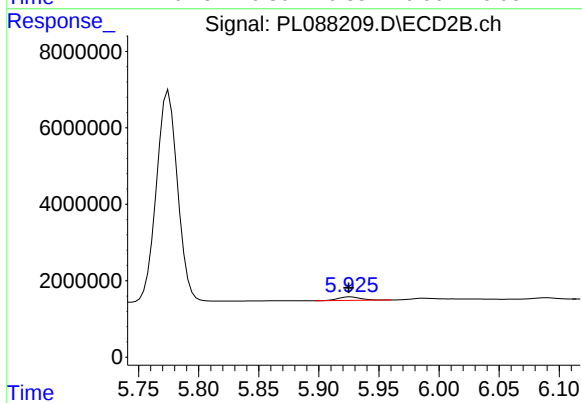
#14 Endrin

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 67742215
Conc: 45.31 ng/ml



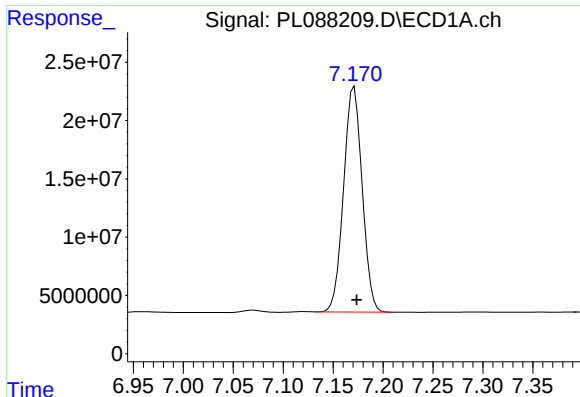
#16 4,4'-DDD

R.T.: 6.853 min
Delta R.T.: -0.002 min
Response: 1261228
Conc: 0.49 ng/ml



#16 4,4'-DDD

R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 1194726
Conc: 0.87 ng/ml m



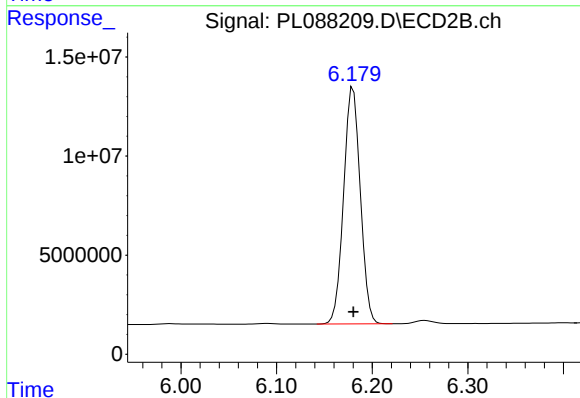
#17 4,4'-DDT

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 250187970
Conc: 95.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

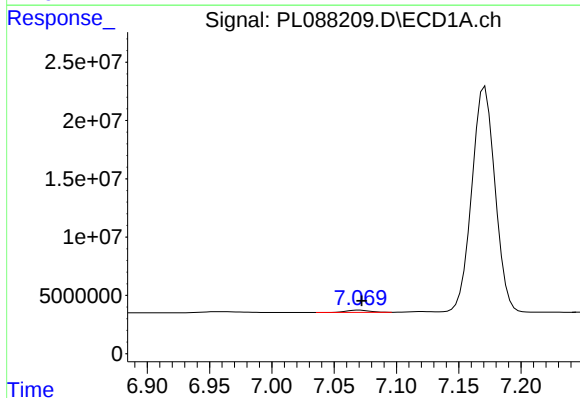
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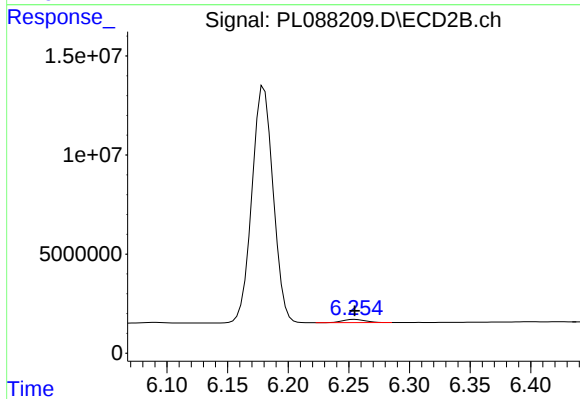
#17 4,4'-DDT

R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 145523940
Conc: 106.59 ng/ml



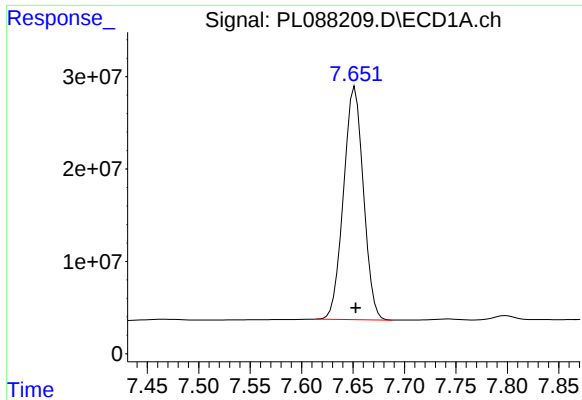
#18 Endrin aldehyde

R.T.: 7.070 min
Delta R.T.: -0.002 min
Response: 2390546
Conc: 1.16 ng/ml



#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 2097071
Conc: 1.92 ng/ml



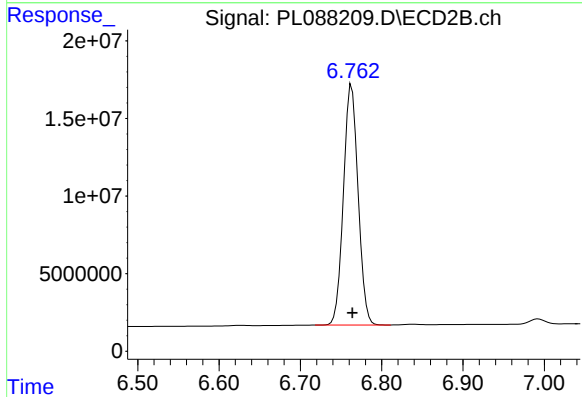
#20 Methoxychlor

R.T.: 7.651 min
Delta R.T.: -0.002 min
Response: 339138801
Conc: 256.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

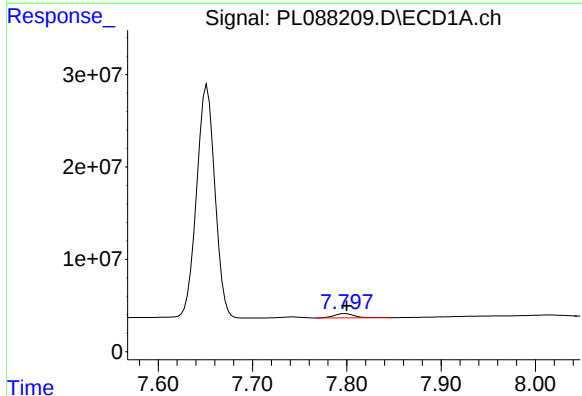
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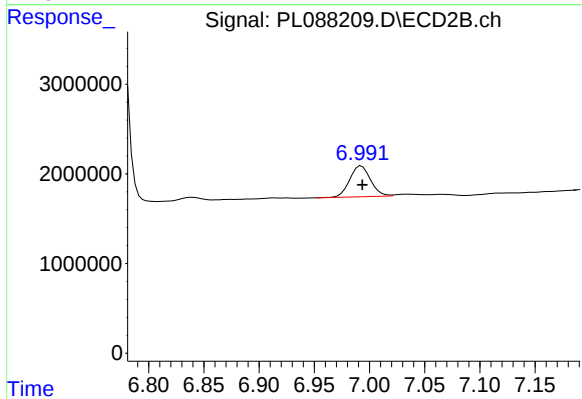
#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 193556871
Conc: 246.96 ng/ml



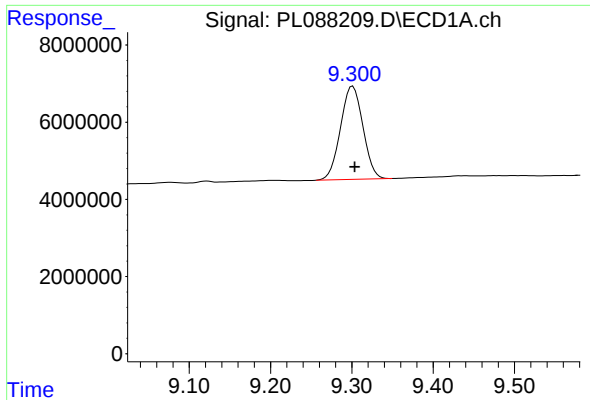
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: -0.002 min
Response: 6696082
Conc: 2.39 ng/ml



#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.001 min
Response: 4510190
Conc: 2.69 ng/ml



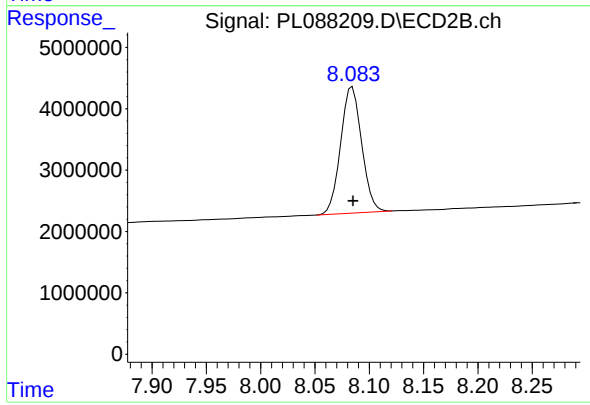
#28 Decachlorobiphenyl

R.T.: 9.301 min
Delta R.T.: -0.003 min
Response: 46328646
Conc: 24.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 8.084 min
Delta R.T.: 0.000 min
Response: 27723258
Conc: 21.77 ng/ml