

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062723\
 Data File : PL083731.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2023 08:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/28/2023
 Supervised By : Ankita Jodhani 06/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 00:02:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062523.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 26 10:45:09 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...	3.430	2.692	56950462	65831922	22.921	22.673
28)	SA Decachlor...	8.974	7.882	42169833	60580543	24.691	24.501
Target Compounds							
2)	A alpha-BHC	3.887	3.197	40839782	43309081	10.876	10.335
3)	MA gamma-BHC...	4.221	3.528	38997291	40530391	11.194	10.141
6)	B beta-BHC	4.420	3.830	17561770	20147676	11.696	11.991
12)	B 4,4'-DDE	6.106	5.172	1000344	279155	0.350	0.100m#
14)	MA Endrin	6.478	5.572	133.7E6	150.1E6	50.655	56.420
16)	A 4,4'-DDD	6.623	5.732	8162848	7588515	3.771	3.500
17)	MA 4,4'-DDT	6.940	5.986	255.8E6	300.8E6	108.922	121.258
18)	B Endrin al...	6.831	6.052	3964739	6156851	2.142	3.011 #
20)	A Methoxychlor	7.423	6.571	316.9E6	358.3E6	273.944	282.962
21)	B Endrin ke...	7.550	6.781	8203131	10160255	3.531m	3.505

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

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ALS Vial : 3 Sample Multiplier: 1

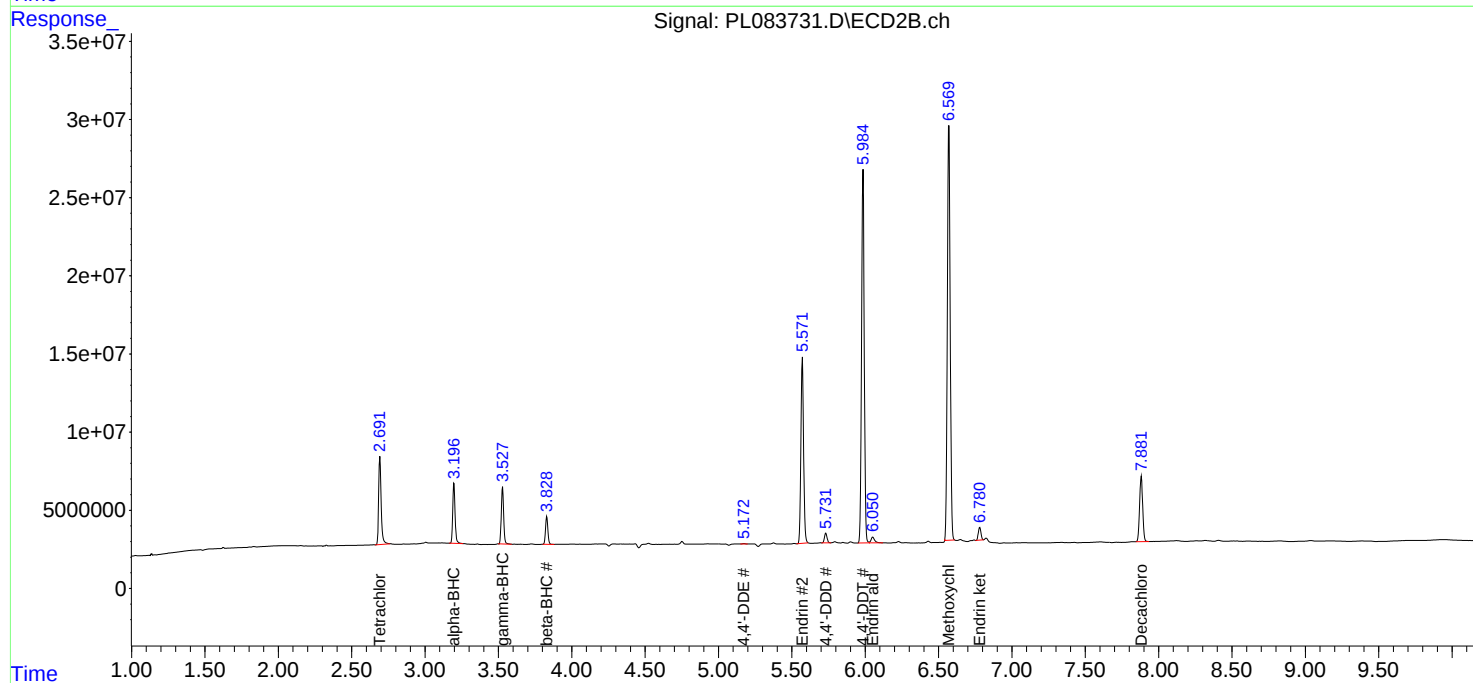
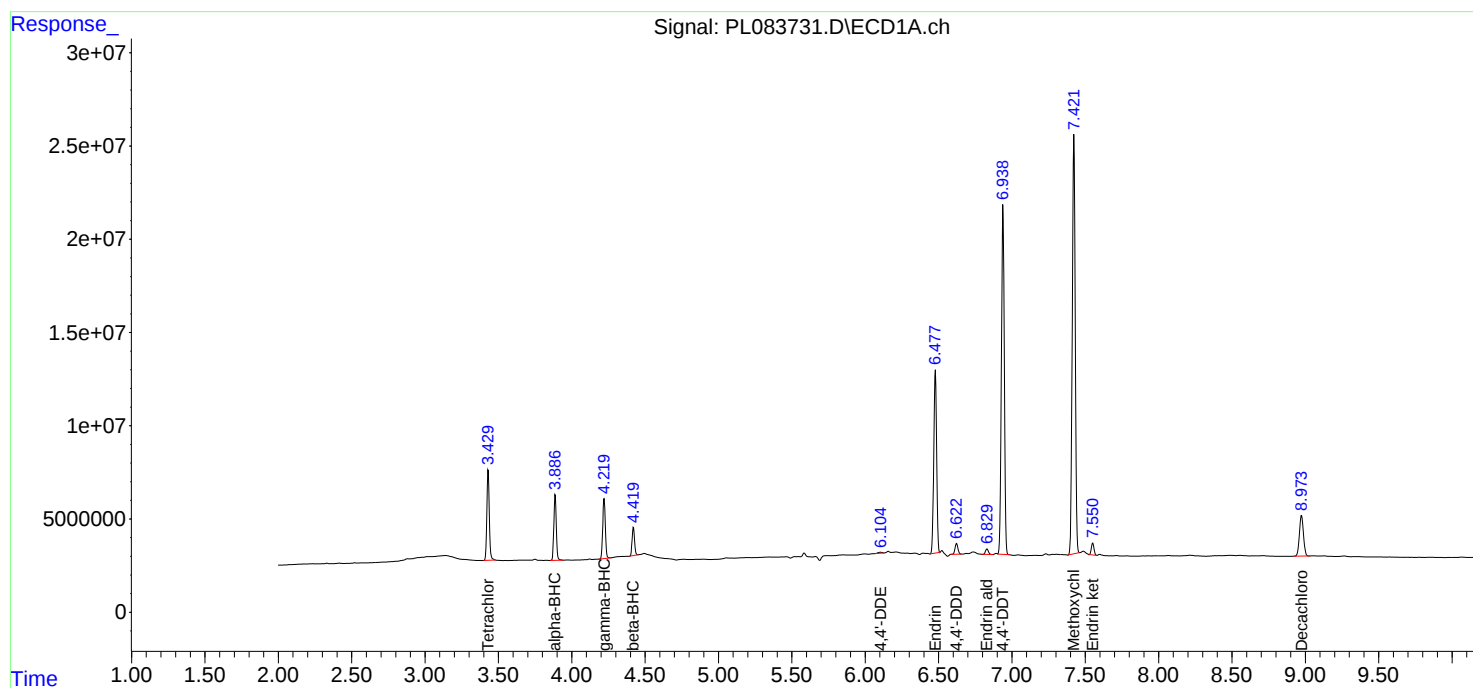
Instrument :
ECD_L
ClientSampleId :
PEM

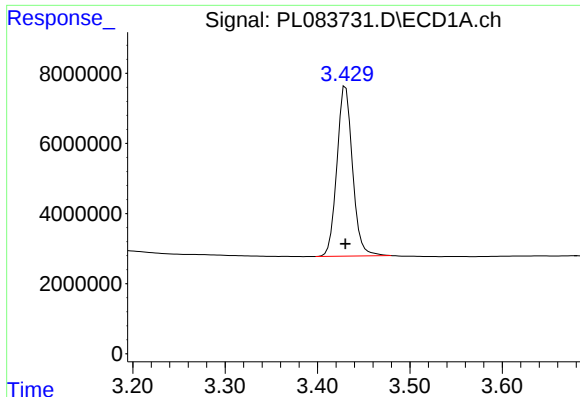
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Integration File signal 1: autoint1.e
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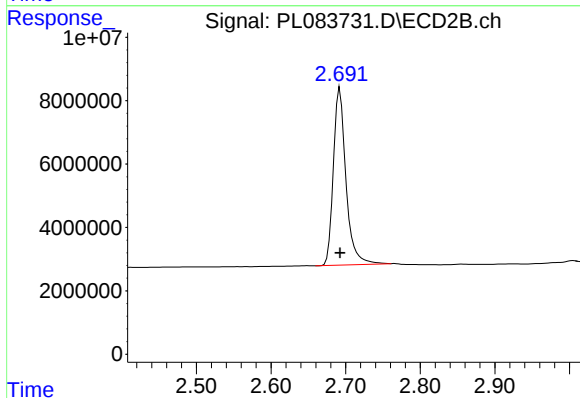
#1 Tetrachloro-m-xylene

R.T.: 3.430 min
Delta R.T.: 0.000 min
Response: 56950462
Conc: 22.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

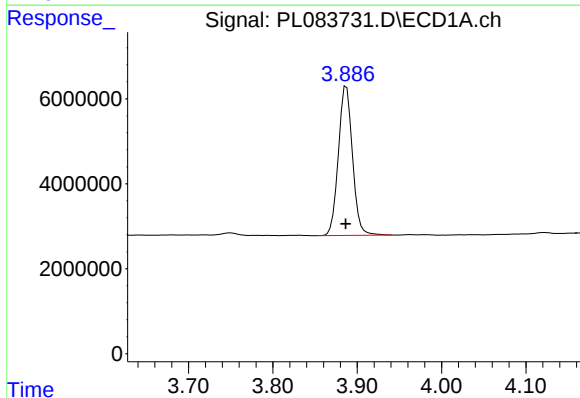
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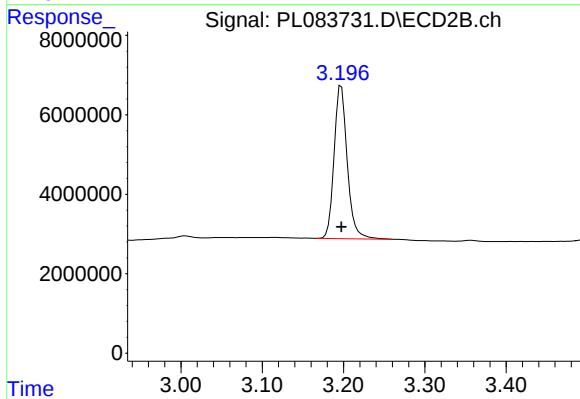
#1 Tetrachloro-m-xylene

R.T.: 2.692 min
Delta R.T.: 0.000 min
Response: 65831922
Conc: 22.67 ng/ml



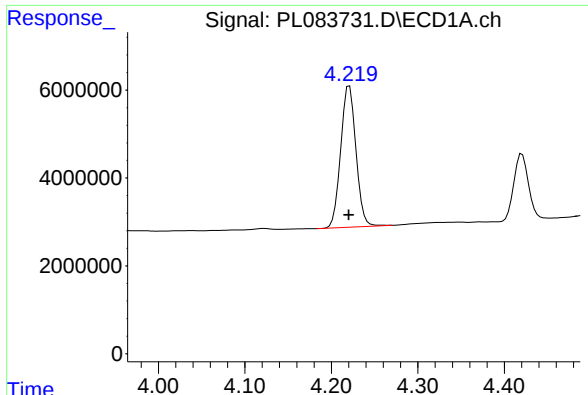
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 40839782
Conc: 10.88 ng/ml



#2 alpha-BHC

R.T.: 3.197 min
Delta R.T.: 0.000 min
Response: 43309081
Conc: 10.34 ng/ml



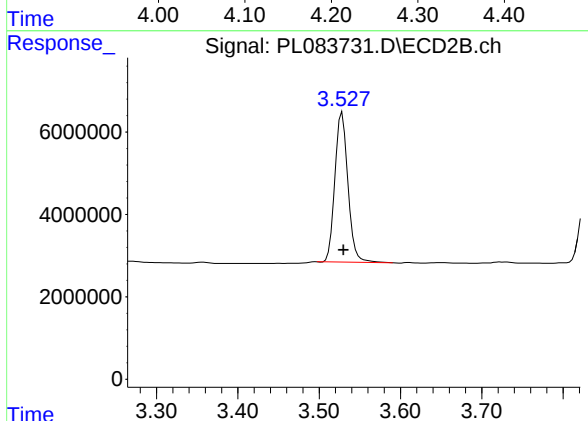
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 38997291
Conc: 11.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

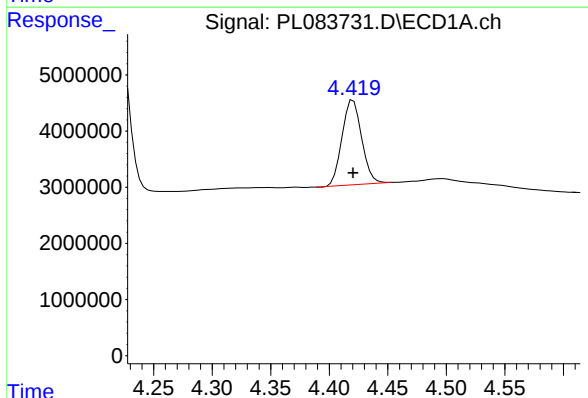
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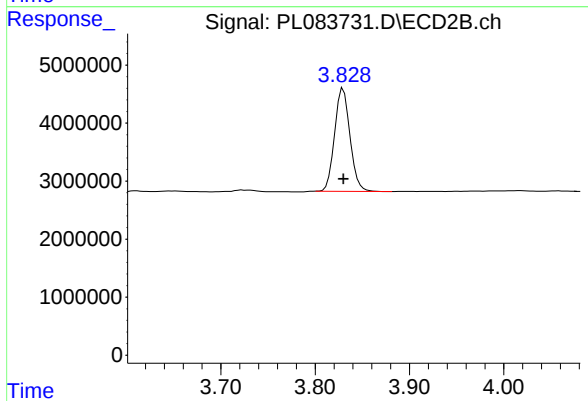
#3 gamma-BHC (Lindane)

R.T.: 3.528 min
Delta R.T.: -0.001 min
Response: 40530391
Conc: 10.14 ng/ml



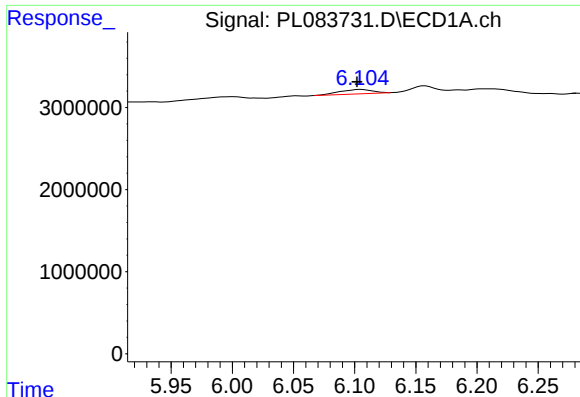
#6 beta-BHC

R.T.: 4.420 min
Delta R.T.: 0.000 min
Response: 17561770
Conc: 11.70 ng/ml



#6 beta-BHC

R.T.: 3.830 min
Delta R.T.: 0.000 min
Response: 20147676
Conc: 11.99 ng/ml



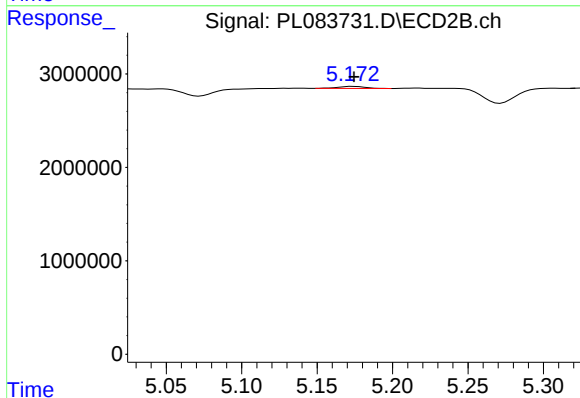
#12 4,4'-DDE

R.T.: 6.106 min
Delta R.T.: 0.004 min
Response: 1000344
Conc: 0.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

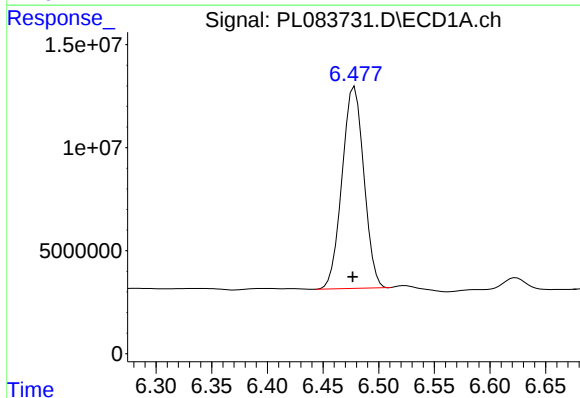
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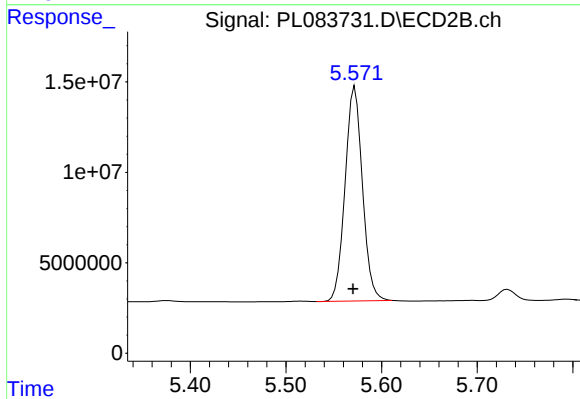
#12 4,4'-DDE

R.T.: 5.172 min
Delta R.T.: -0.003 min
Response: 279155
Conc: 0.10 ng/ml m



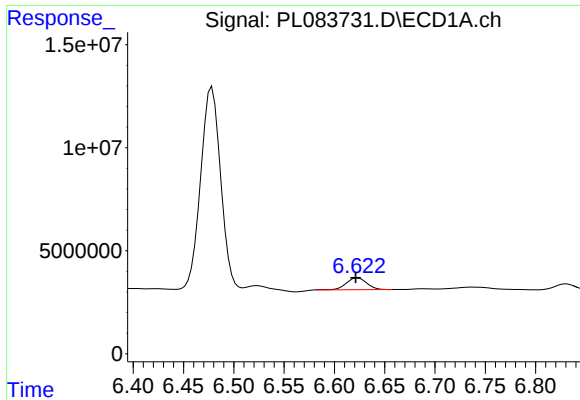
#14 Endrin

R.T.: 6.478 min
Delta R.T.: 0.002 min
Response: 133653629
Conc: 50.66 ng/ml



#14 Endrin

R.T.: 5.572 min
Delta R.T.: 0.002 min
Response: 150137609
Conc: 56.42 ng/ml



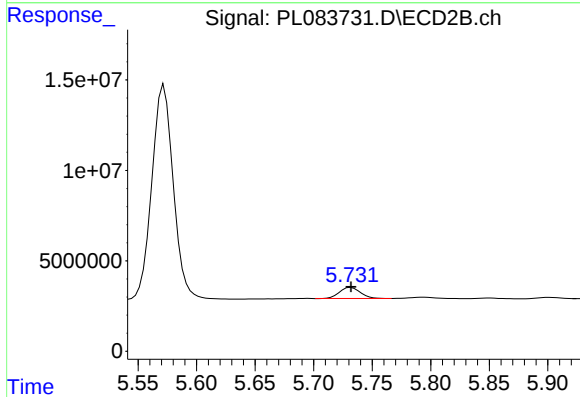
#16 4,4'-DDD

R.T.: 6.623 min
Delta R.T.: 0.002 min
Response: 8162848
Conc: 3.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

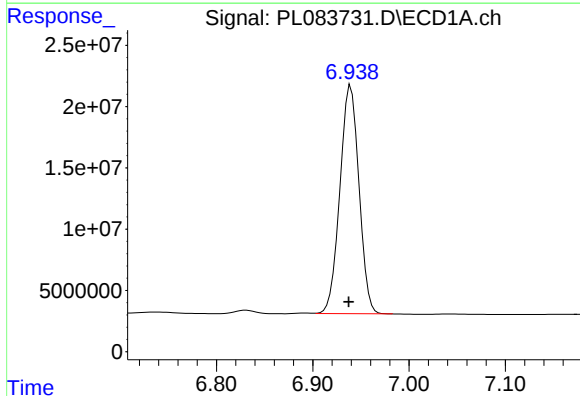
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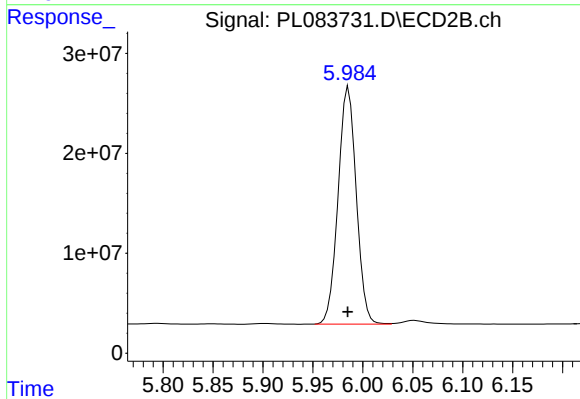
#16 4,4'-DDD

R.T.: 5.732 min
Delta R.T.: 0.000 min
Response: 7588515
Conc: 3.50 ng/ml



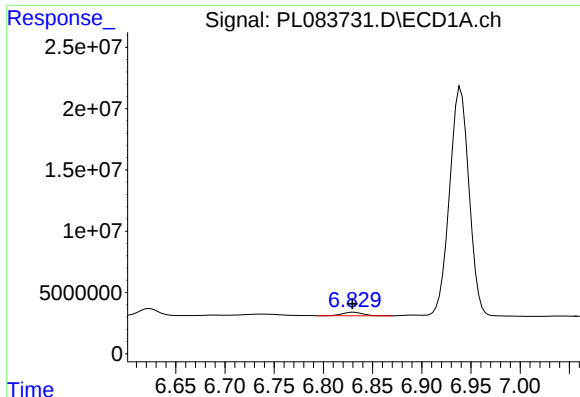
#17 4,4'-DDT

R.T.: 6.940 min
Delta R.T.: 0.002 min
Response: 255826409
Conc: 108.92 ng/ml



#17 4,4'-DDT

R.T.: 5.986 min
Delta R.T.: 0.000 min
Response: 300757000
Conc: 121.26 ng/ml



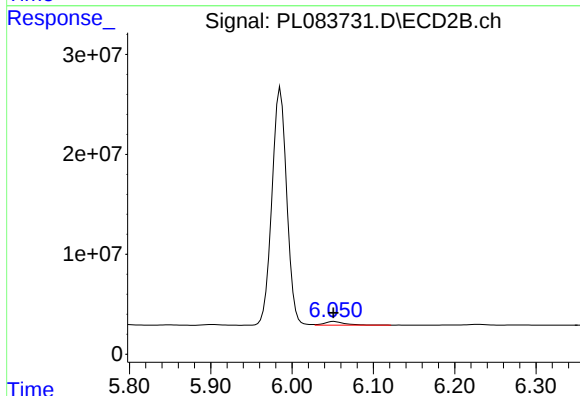
#18 Endrin aldehyde

R.T.: 6.831 min
Delta R.T.: 0.001 min
Response: 3964739
Conc: 2.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

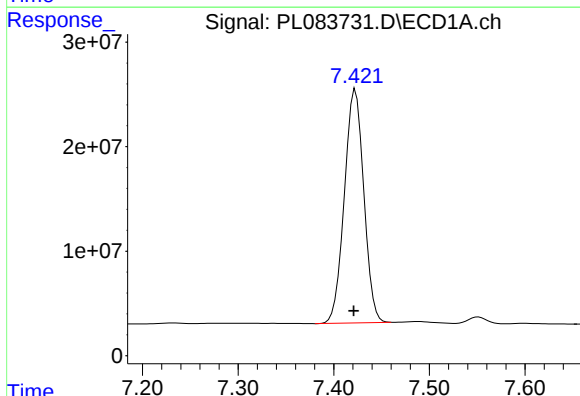
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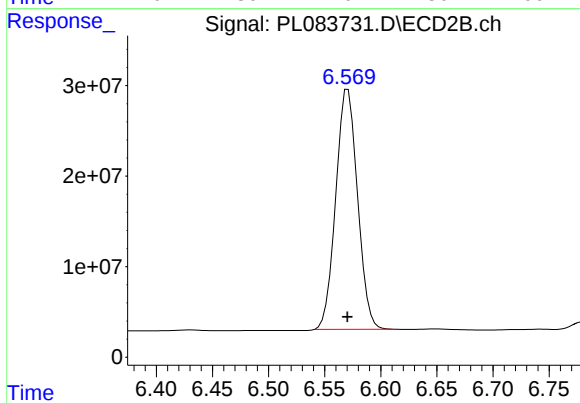
#18 Endrin aldehyde

R.T.: 6.052 min
Delta R.T.: 0.000 min
Response: 6156851
Conc: 3.01 ng/ml



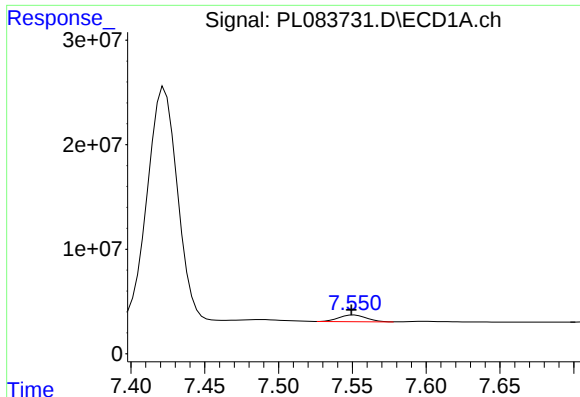
#20 Methoxychlor

R.T.: 7.423 min
Delta R.T.: 0.002 min
Response: 316859432
Conc: 273.94 ng/ml



#20 Methoxychlor

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 358265676
Conc: 282.96 ng/ml



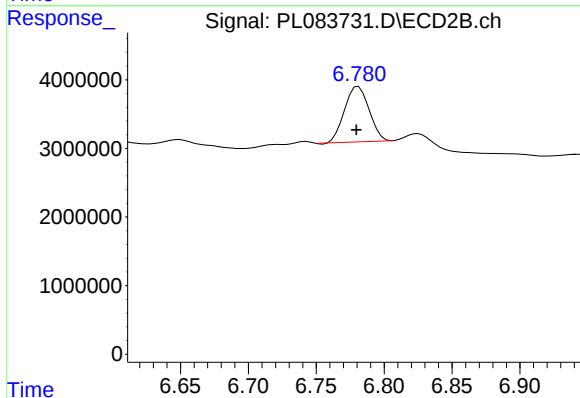
#21 Endrin ketone

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 8203131
Conc: 3.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

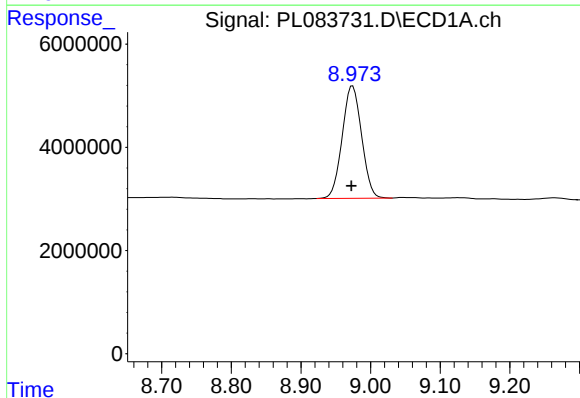
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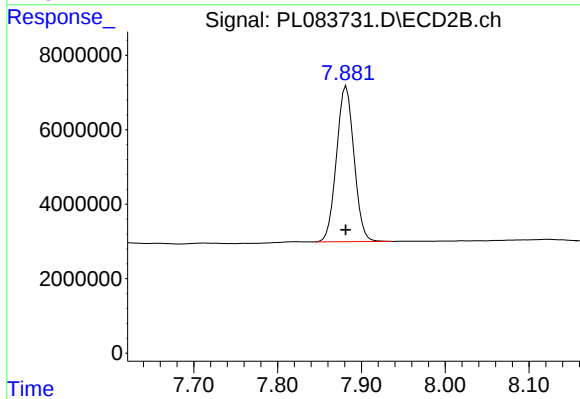
#21 Endrin ketone

R.T.: 6.781 min
Delta R.T.: 0.001 min
Response: 10160255
Conc: 3.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.974 min
Delta R.T.: 0.002 min
Response: 42169833
Conc: 24.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.882 min
Delta R.T.: 0.000 min
Response: 60580543
Conc: 24.50 ng/ml