

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112723\
 Data File : PL086820.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Nov 2023 09:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2023
 Supervised By :Ankita Jodhani 11/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 27 09:46:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110823.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 08 13:04:14 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...	3.351	2.617	66030386	19862826	20.336	20.173
28)	SA Decachlor...	8.855	7.768	55436533	24911778	18.939	20.629
Target Compounds							
2)	A alpha-BHC	3.805	3.115	46641959	12488684	9.696	9.369
3)	MA gamma-BHC...	4.137	3.442	45001721	12199734	9.565	9.193
6)	B beta-BHC	4.341	3.745	21778590	6893316	10.768	11.565
12)	B 4,4'-DDE	6.013	5.072	1276647	253835	0.368m	0.247m#
14)	MA Endrin	6.384	5.466	148.4E6	52577279	43.089	48.001
16)	A 4,4'-DDD	6.534	5.630	6161645	2013075	2.314	2.363
17)	MA 4,4'-DDT	6.850	5.881	296.3E6	111.1E6	99.950	113.669
18)	B Endrin al...	6.738	5.946	5600664	3766040	2.113	4.020 #
20)	A Methoxychlor	7.336	6.465	370.3E6	148.8E6	232.021	248.788
21)	B Endrin ke...	7.457	6.671	9314418	4727337	2.733	3.689 #

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

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Acq On : 27 Nov 2023 09:21
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

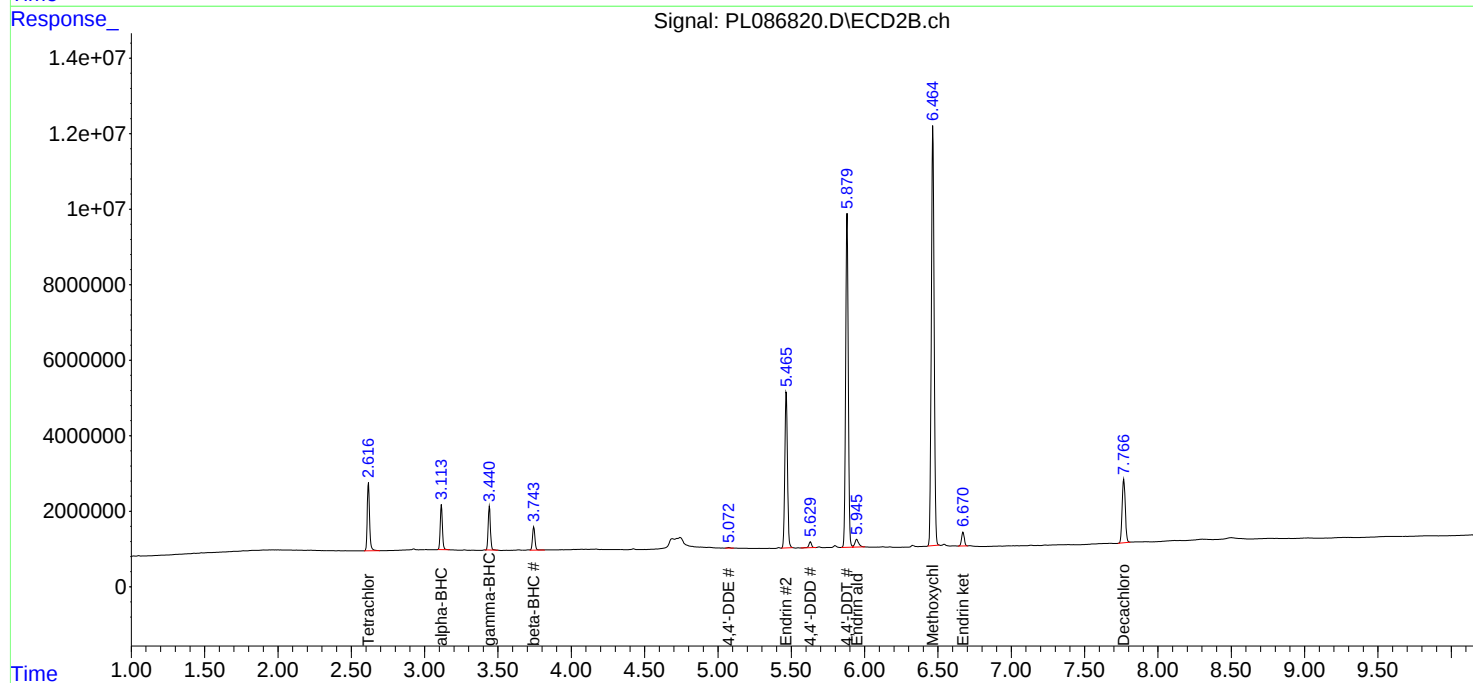
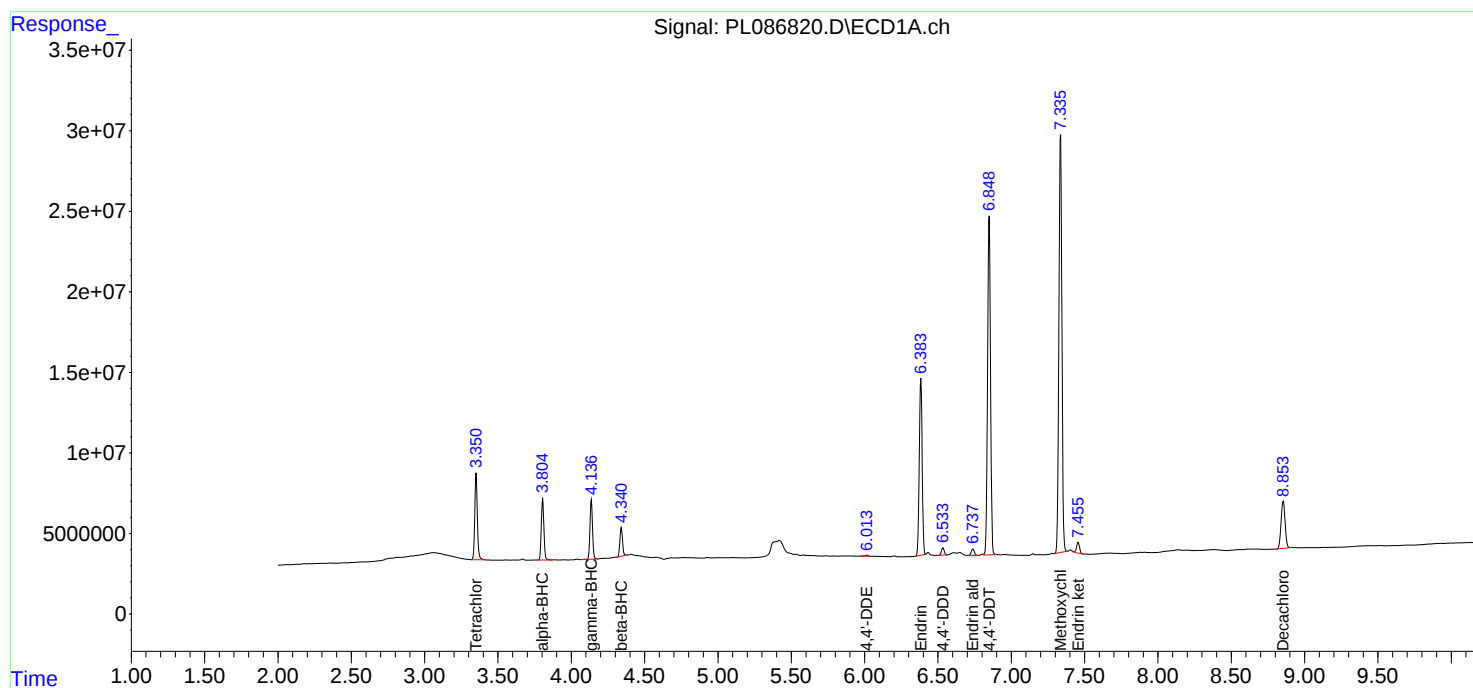
Instrument :
ECD_L
ClientSampleId :
PEM

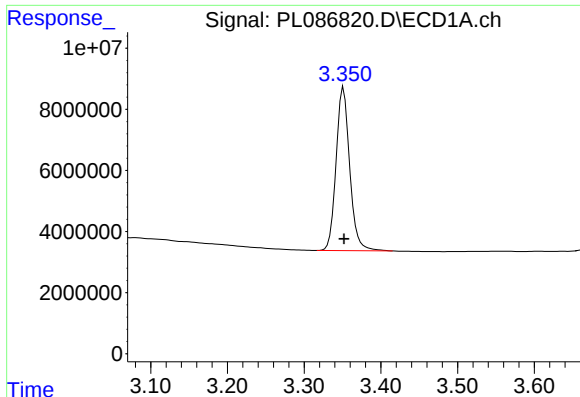
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Integration File signal 1: autoint1.e
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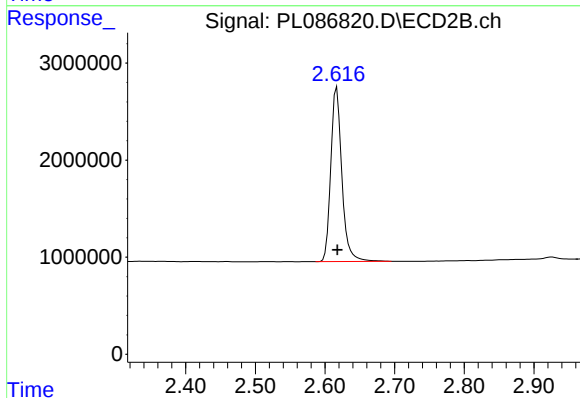
#1 Tetrachloro-m-xylene

R.T.: 3.351 min
Delta R.T.: 0.000 min
Response: 66030386
Conc: 20.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

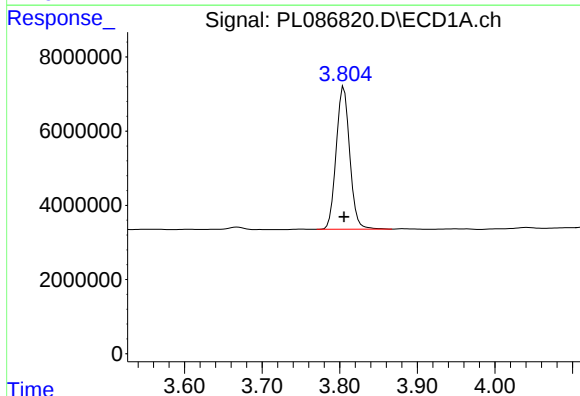
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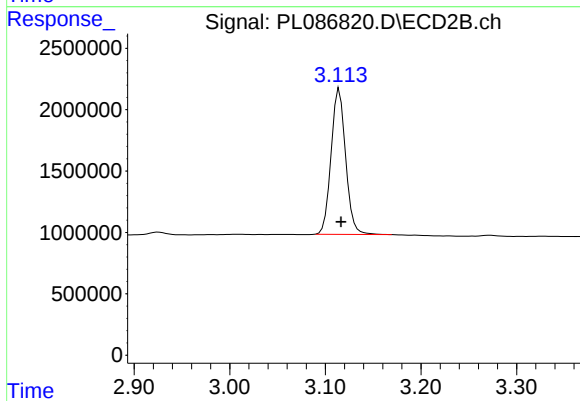
#1 Tetrachloro-m-xylene

R.T.: 2.617 min
Delta R.T.: -0.001 min
Response: 19862826
Conc: 20.17 ng/ml



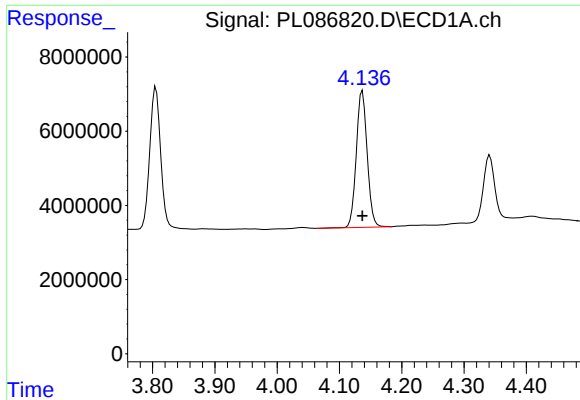
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 46641959
Conc: 9.70 ng/ml



#2 alpha-BHC

R.T.: 3.115 min
Delta R.T.: -0.002 min
Response: 12488684
Conc: 9.37 ng/ml



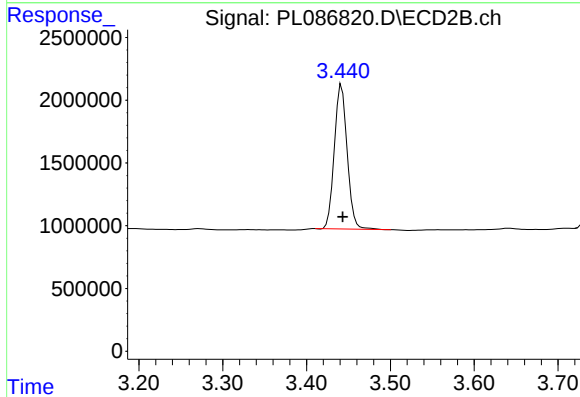
#3 gamma-BHC (Lindane)

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 45001721
Conc: 9.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

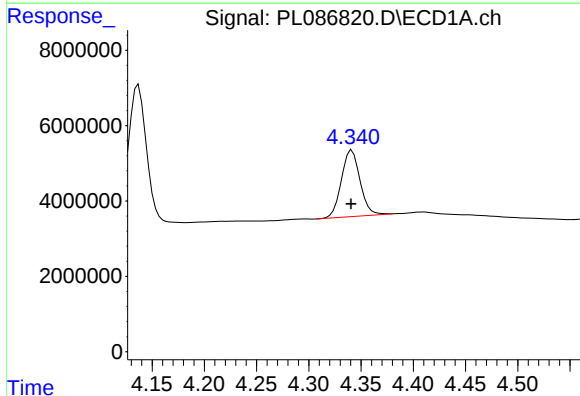
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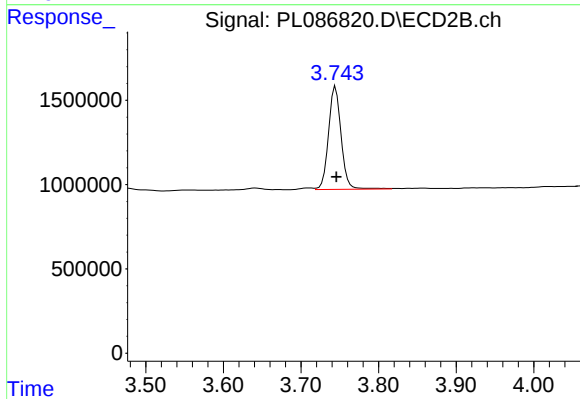
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.001 min
Response: 12199734
Conc: 9.19 ng/ml



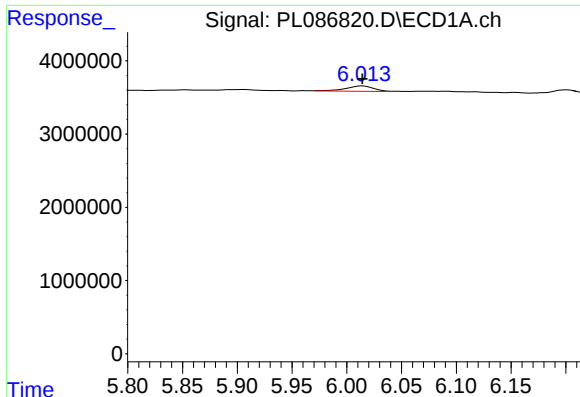
#6 beta-BHC

R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 21778590
Conc: 10.77 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 6893316
Conc: 11.57 ng/ml



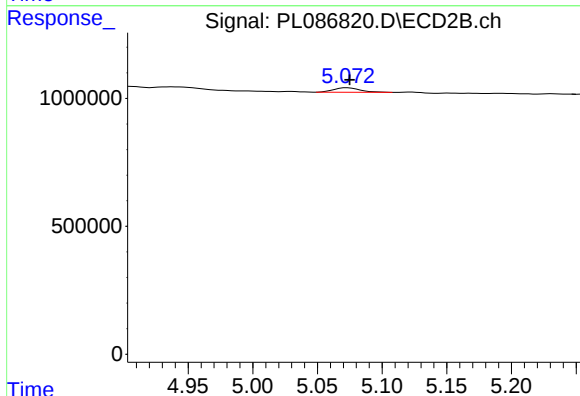
#12 4,4'-DDE

R.T.: 6.013 min
Delta R.T.: -0.001 min
Response: 1276647
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

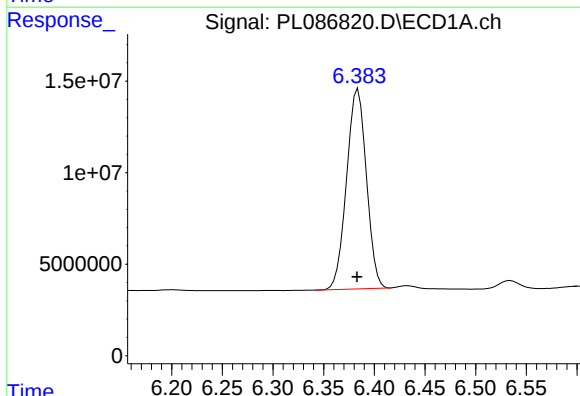
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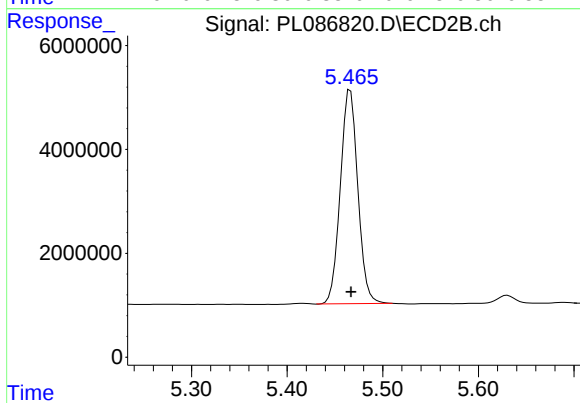
#12 4,4'-DDE

R.T.: 5.072 min
Delta R.T.: -0.003 min
Response: 253835
Conc: 0.25 ng/ml m



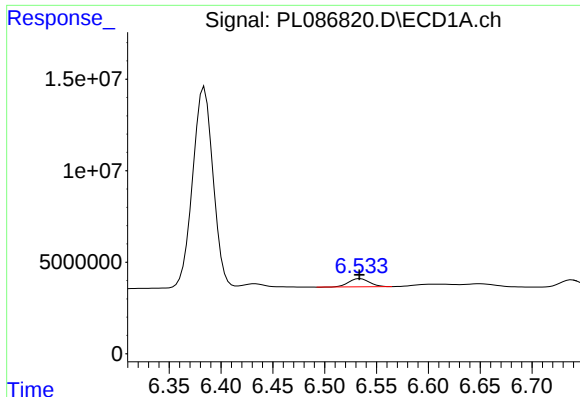
#14 Endrin

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 148414928
Conc: 43.09 ng/ml



#14 Endrin

R.T.: 5.466 min
Delta R.T.: 0.000 min
Response: 52577279
Conc: 48.00 ng/ml



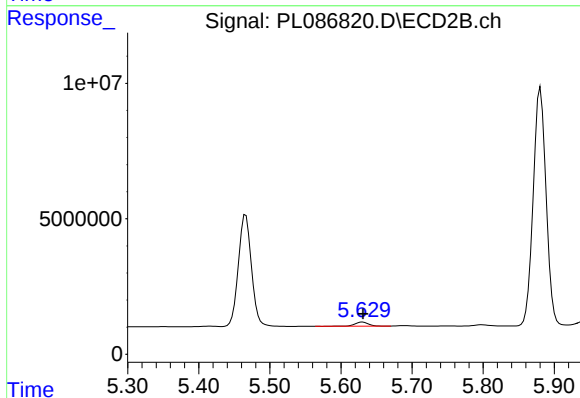
#16 4,4'-DDD

R.T.: 6.534 min
Delta R.T.: 0.000 min
Response: 6161645
Conc: 2.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

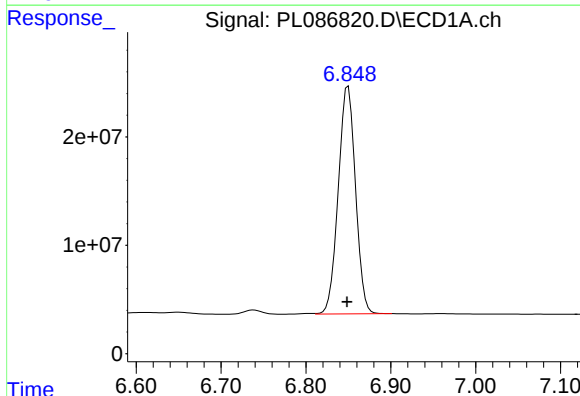
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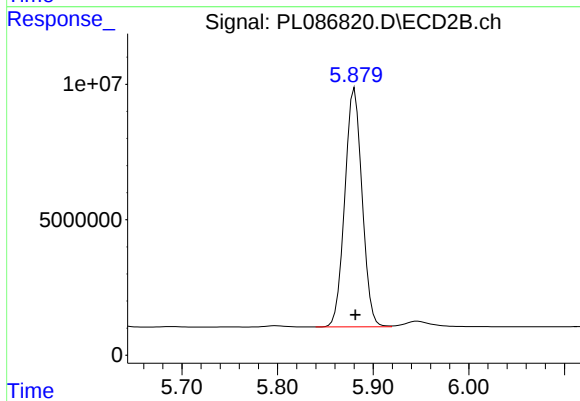
#16 4,4'-DDD

R.T.: 5.630 min
Delta R.T.: 0.000 min
Response: 2013075
Conc: 2.36 ng/ml



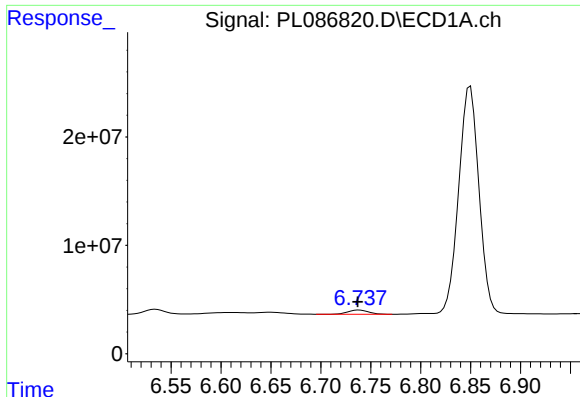
#17 4,4'-DDT

R.T.: 6.850 min
Delta R.T.: 0.001 min
Response: 296284165
Conc: 99.95 ng/ml



#17 4,4'-DDT

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 111119754
Conc: 113.67 ng/ml



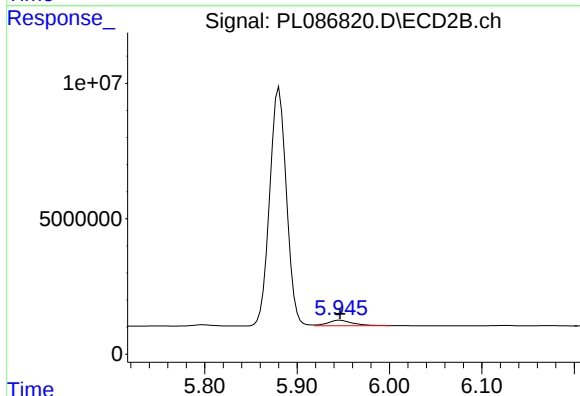
#18 Endrin aldehyde

R.T.: 6.738 min
Delta R.T.: 0.001 min
Response: 5600664
Conc: 2.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

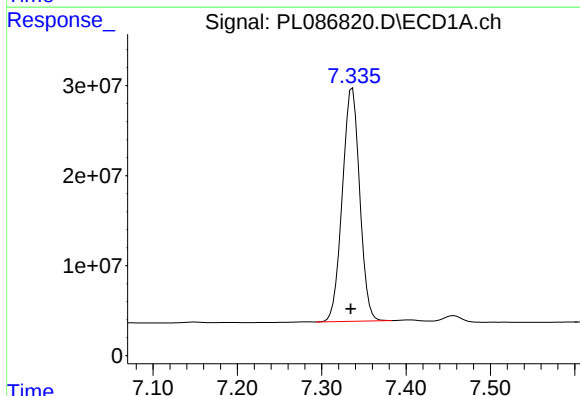
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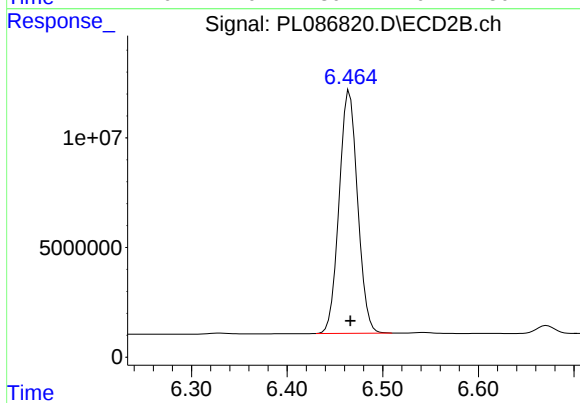
#18 Endrin aldehyde

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 3766040
Conc: 4.02 ng/ml



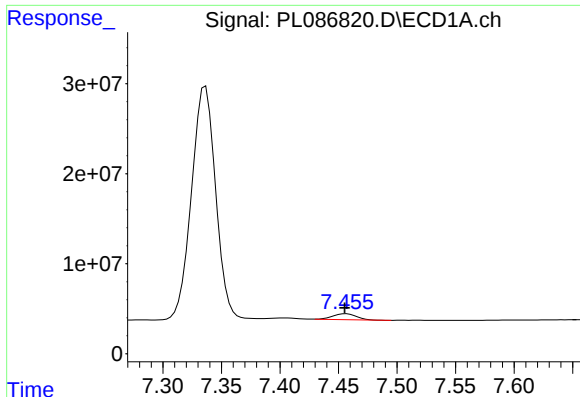
#20 Methoxychlor

R.T.: 7.336 min
Delta R.T.: 0.002 min
Response: 370275390
Conc: 232.02 ng/ml



#20 Methoxychlor

R.T.: 6.465 min
Delta R.T.: -0.001 min
Response: 148817176
Conc: 248.79 ng/ml



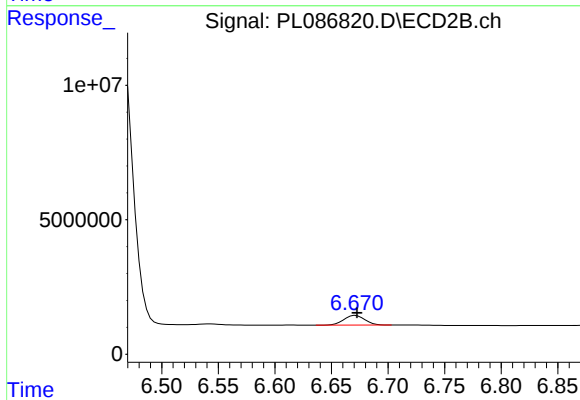
#21 Endrin ketone

R.T.: 7.457 min
Delta R.T.: 0.001 min
Response: 9314418
Conc: 2.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

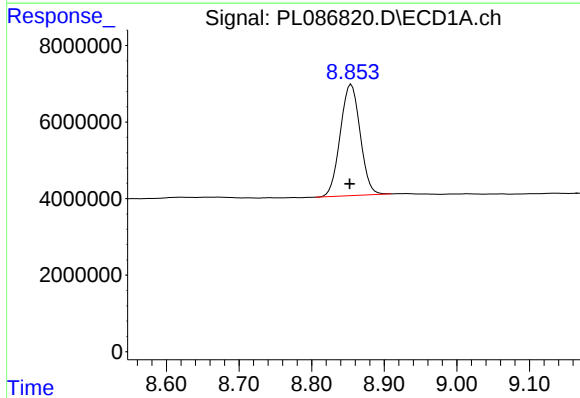
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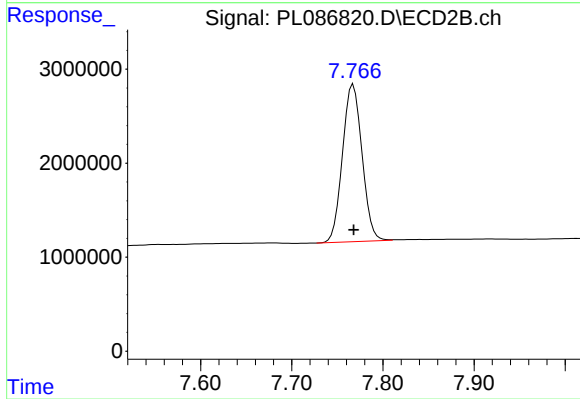
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.001 min
Response: 4727337
Conc: 3.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.855 min
Delta R.T.: 0.002 min
Response: 55436533
Conc: 18.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.768 min
Delta R.T.: 0.000 min
Response: 24911778
Conc: 20.63 ng/ml