

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102423\
 Data File : PL086097.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Oct 2023 08:25
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/25/2023
 Supervised By :Ankita Jodhani 10/25/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 11:01:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.355	2.621	55286674	15851507	18.589	16.970
28)	SA Decachlor...	8.856	7.772	47561481	19650835	21.837	21.291
Target Compounds							
2)	A alpha-BHC	3.808	3.119	37233107	9796060	8.675m	7.786
3)	MA gamma-BHC...	4.140	3.445	36229020	9339667	8.765m	7.573m
6)	B beta-BHC	4.343	3.749	16859057	5369743	10.195	10.315
12)	B 4,4'-DDE	6.016	5.080	907833	134201	0.325m	0.163m#
14)	MA Endrin	6.387	5.471	128.7E6	43477991	45.149	48.362
16)	A 4,4'-DDD	6.536	5.635	2777240	850302	1.379m	1.222
17)	MA 4,4'-DDT	6.852	5.885	240.6E6	84051065	102.058	106.292
18)	B Endrin al...	6.742	5.950	2938236	2699040	1.450	3.619 #
20)	A Methoxychlor	7.337	6.470	322.8E6	120.3E6	231.105	228.690
21)	B Endrin ke...	7.459	6.676	9234428	3013266	3.206	2.622

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

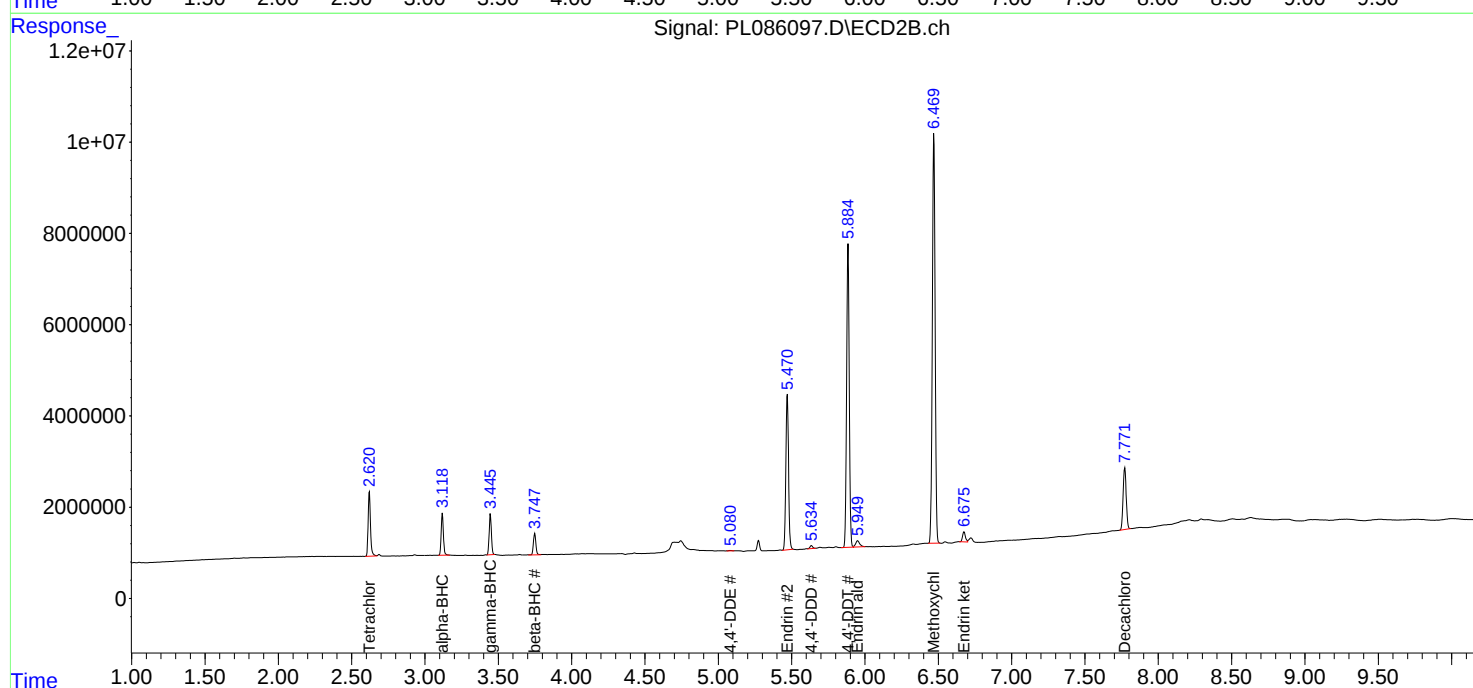
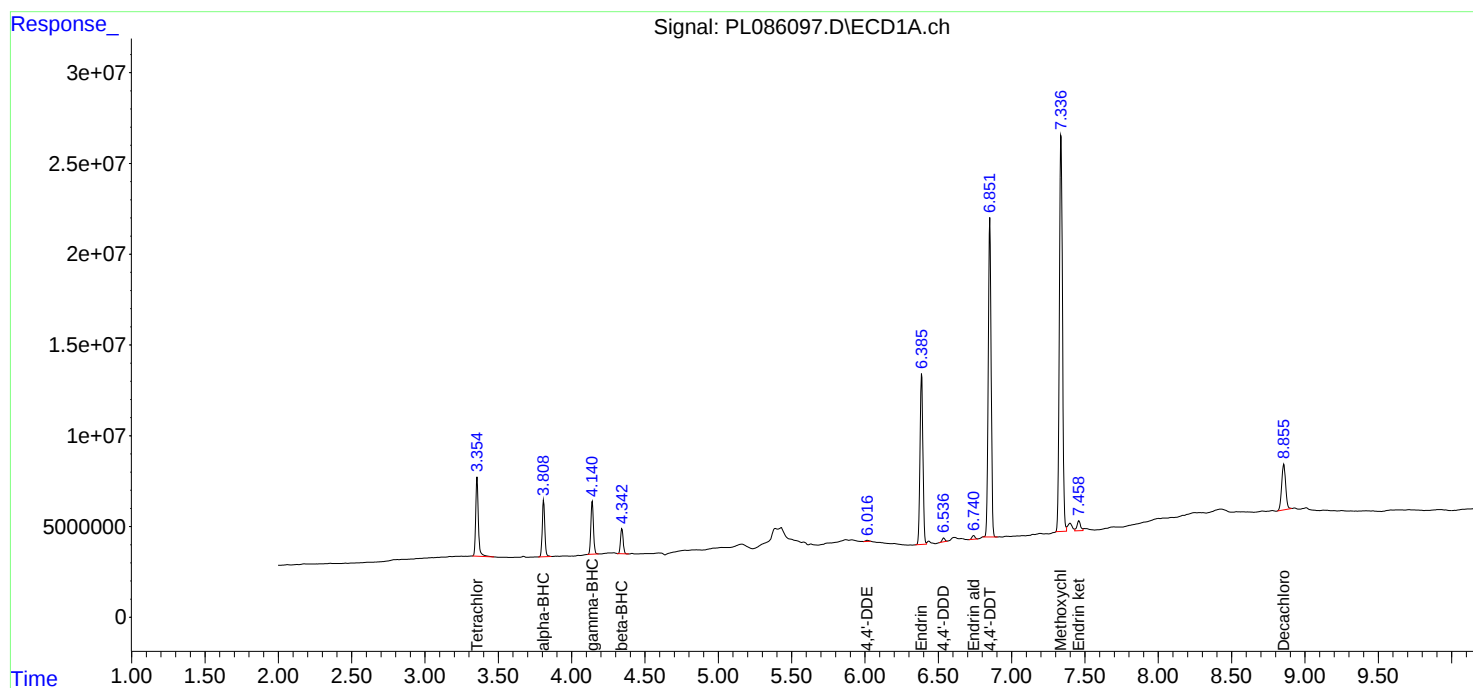
Instrument :
ECD_L
ClientSampleId :
PEM

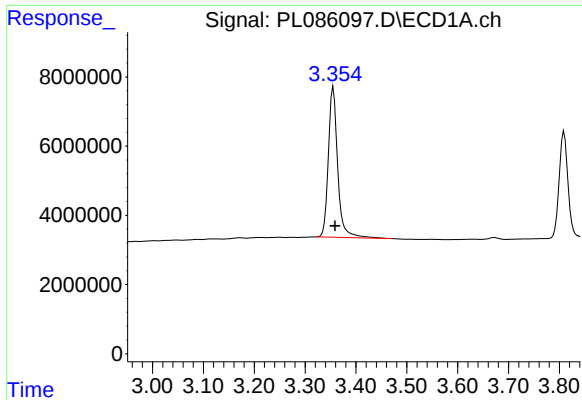
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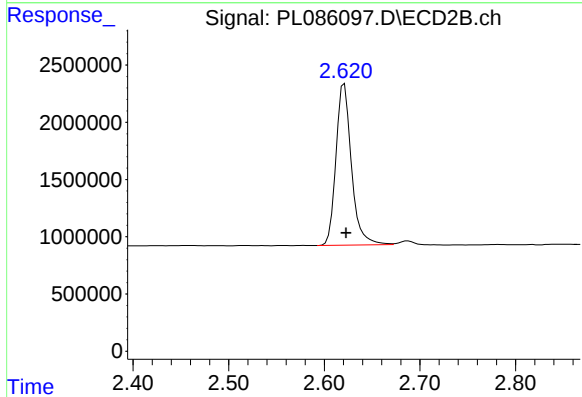
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 55286674
Conc: 18.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

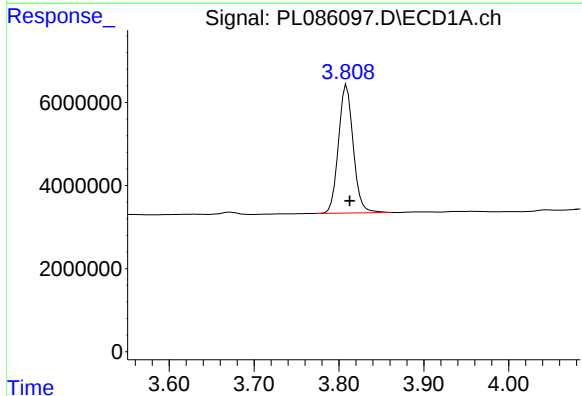
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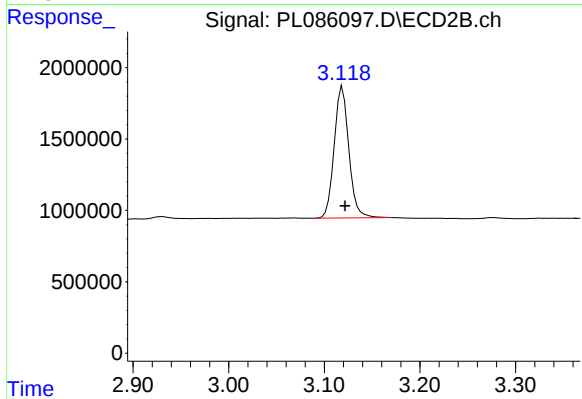
#1 Tetrachloro-m-xylene

R.T.: 2.621 min
Delta R.T.: -0.002 min
Response: 15851507
Conc: 16.97 ng/ml



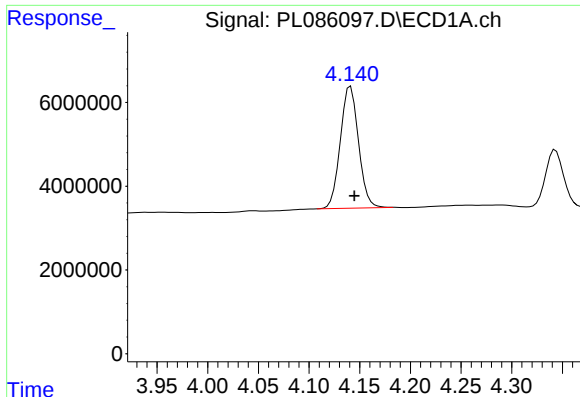
#2 alpha-BHC

R.T.: 3.808 min
Delta R.T.: -0.005 min
Response: 37233107
Conc: 8.68 ng/ml m



#2 alpha-BHC

R.T.: 3.119 min
Delta R.T.: -0.003 min
Response: 9796060
Conc: 7.79 ng/ml



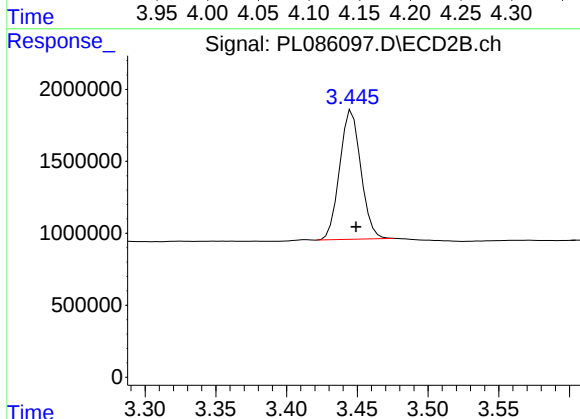
#3 gamma-BHC (Lindane)

R.T.: 4.140 min
Delta R.T.: -0.005 min
Response: 36229020
Conc: 8.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

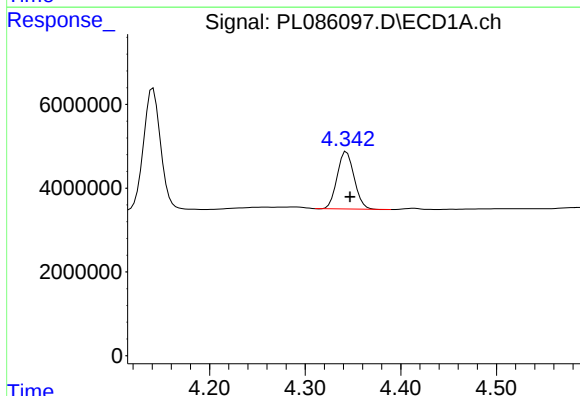
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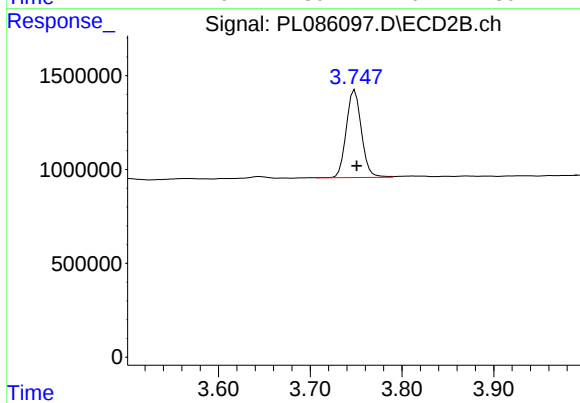
#3 gamma-BHC (Lindane)

R.T.: 3.445 min
Delta R.T.: -0.004 min
Response: 9339667
Conc: 7.57 ng/ml m



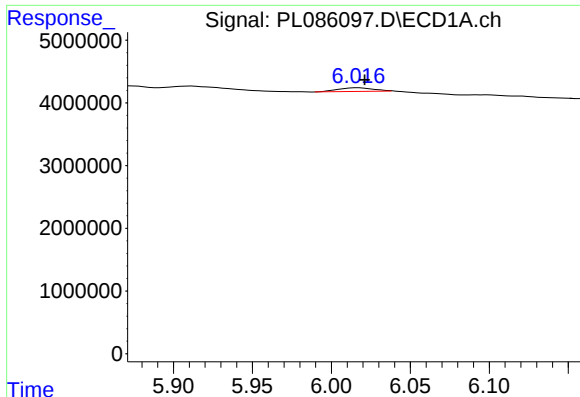
#6 beta-BHC

R.T.: 4.343 min
Delta R.T.: -0.004 min
Response: 16859057
Conc: 10.20 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.002 min
Response: 5369743
Conc: 10.31 ng/ml



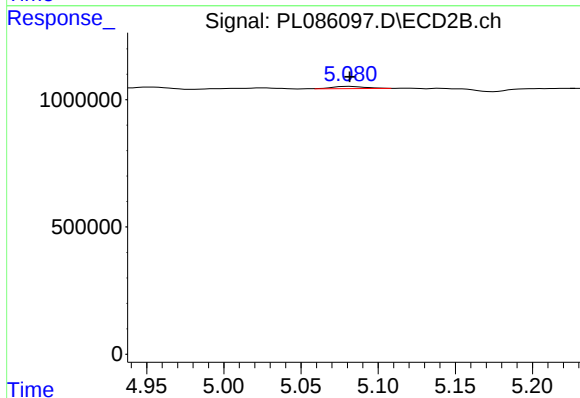
#12 4,4'-DDE

R.T.: 6.016 min
Delta R.T.: -0.006 min
Response: 907833
Conc: 0.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

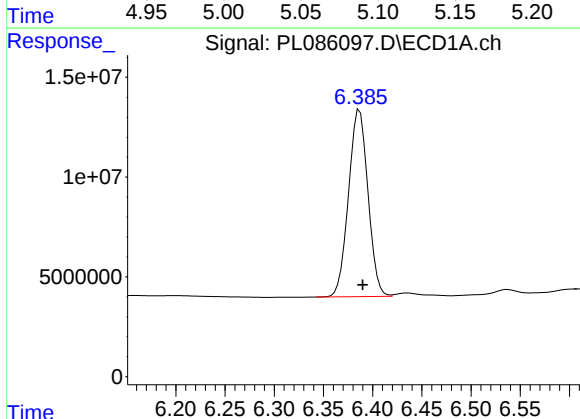
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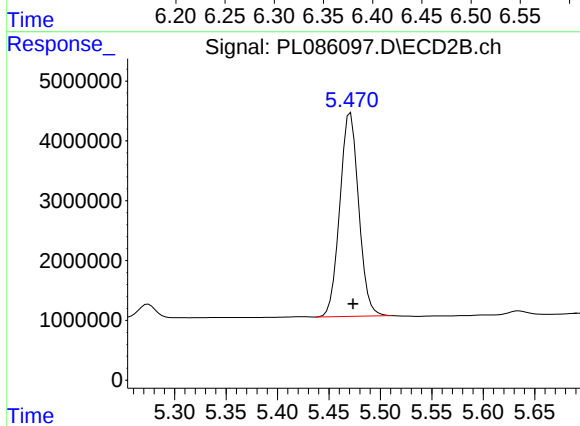
#12 4,4'-DDE

R.T.: 5.080 min
Delta R.T.: -0.001 min
Response: 134201
Conc: 0.16 ng/ml m



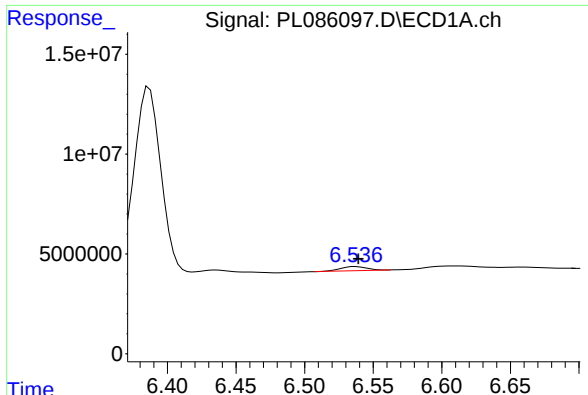
#14 Endrin

R.T.: 6.387 min
Delta R.T.: -0.003 min
Response: 128663205
Conc: 45.15 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 43477991
Conc: 48.36 ng/ml



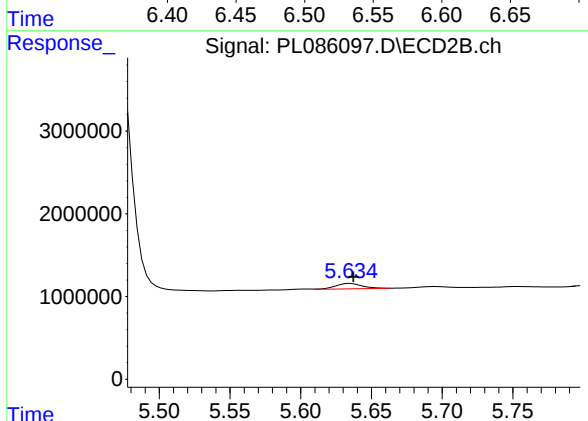
#16 4,4'-DDD

R.T.: 6.536 min
Delta R.T.: -0.004 min
Response: 2777240
Conc: 1.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

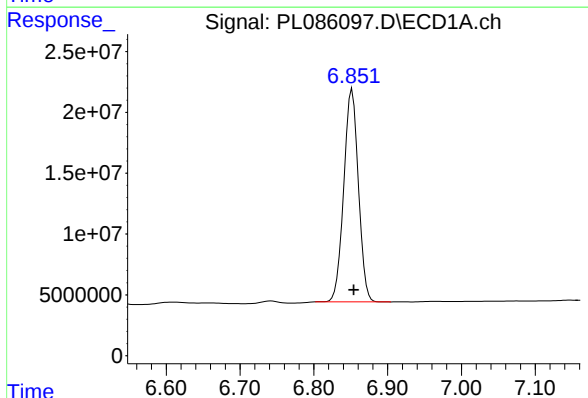
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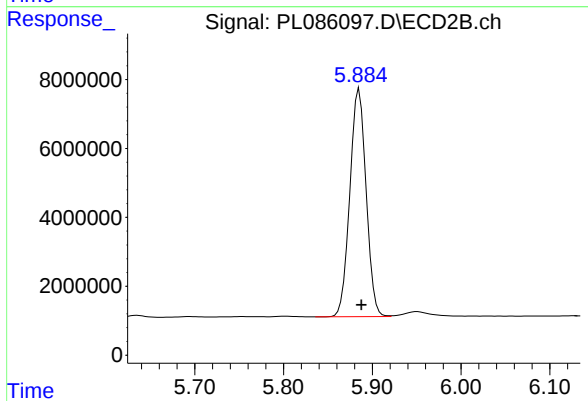
#16 4,4'-DDD

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 850302
Conc: 1.22 ng/ml



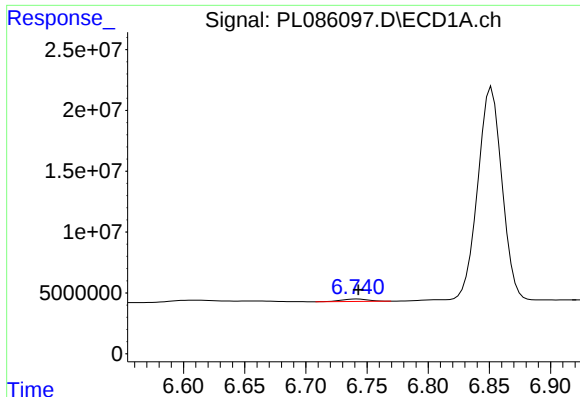
#17 4,4'-DDT

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 240559522
Conc: 102.06 ng/ml



#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 84051065
Conc: 106.29 ng/ml



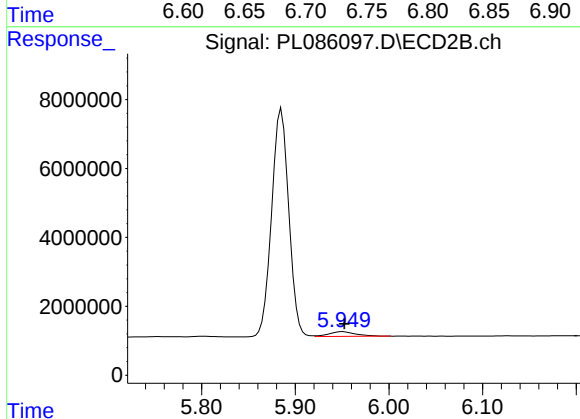
#18 Endrin aldehyde

R.T.: 6.742 min
Delta R.T.: -0.001 min
Response: 2938236
Conc: 1.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

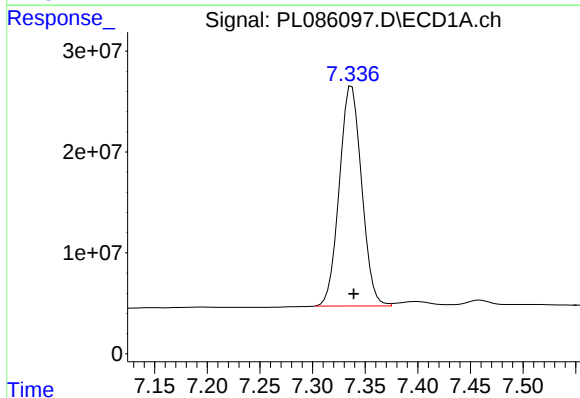
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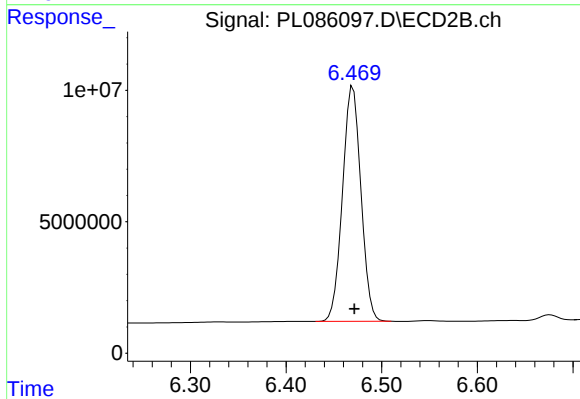
#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 2699040
Conc: 3.62 ng/ml



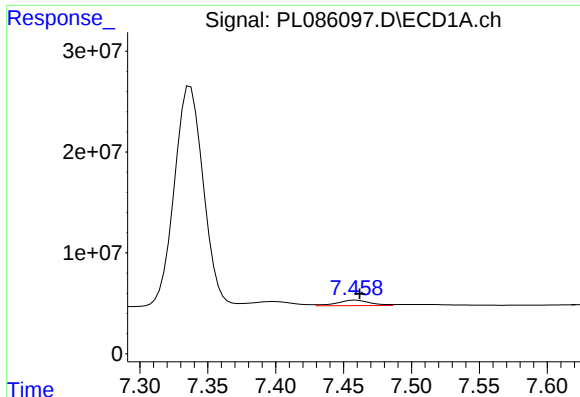
#20 Methoxychlor

R.T.: 7.337 min
Delta R.T.: -0.002 min
Response: 322766037
Conc: 231.11 ng/ml



#20 Methoxychlor

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 120308519
Conc: 228.69 ng/ml



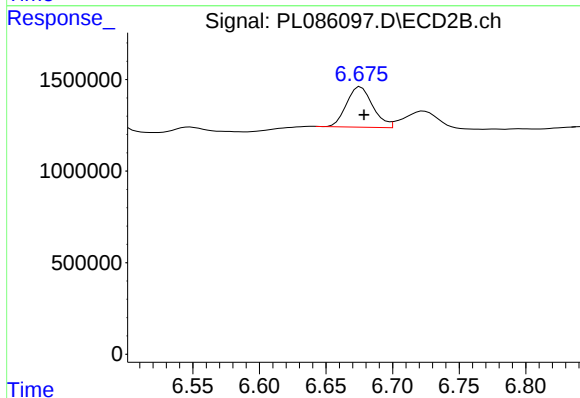
#21 Endrin ketone

R.T.: 7.459 min
Delta R.T.: -0.003 min
Response: 9234428
Conc: 3.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

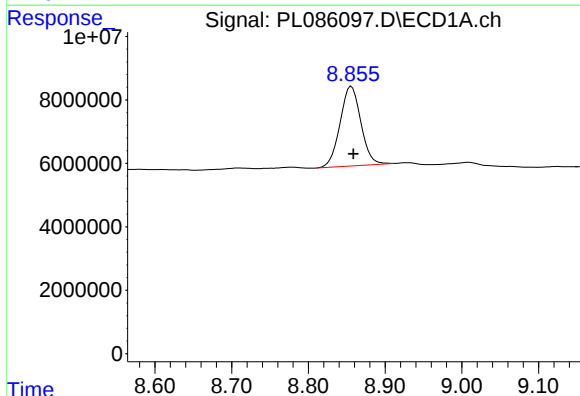
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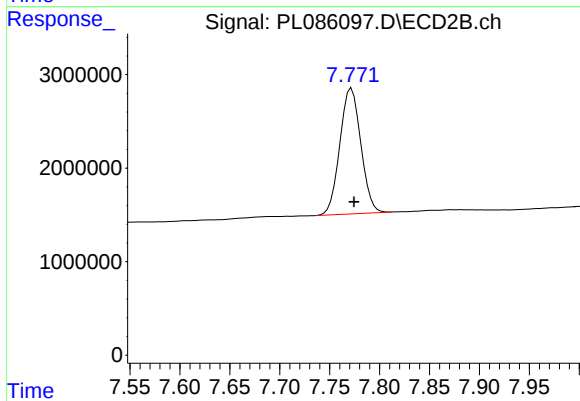
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 3013266
Conc: 2.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.856 min
Delta R.T.: -0.003 min
Response: 47561481
Conc: 21.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 19650835
Conc: 21.29 ng/ml