

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060223\
 Data File : PL083198.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2023 20:28
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/05/2023
 Supervised By : Ankita Jodhani 06/05/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 21:37:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.314	2.633	57435461	53334737	19.542	20.544
28)	SA Decachlor...	8.729	7.736	43837693	52355012	20.902	21.055
Target Compounds							
2)	A alpha-BHC	3.763	3.129	39391324	34281762	8.873	9.187
3)	MA gamma-BHC...	4.091	3.455	38439534	32418168	9.278	9.726
6)	B beta-BHC	4.295	3.756	21422403	16637329	11.378	11.634
14)	MA Endrin	6.313	5.467	121.2E6	120.8E6	45.110	47.597
16)	A 4,4'-DDD	6.458	5.619	1189421	1037109	0.547	0.539
17)	MA 4,4'-DDT	6.769	5.865	239.7E6	236.9E6	95.759	106.169m
18)	B Endrin al...	6.666	5.944	2996531	3391729	1.490	1.715m
20)	A Methoxychlor	7.250	6.445	316.9E6	309.2E6	239.636	243.146
21)	B Endrin ke...	7.379	6.668	4377450	5097671	1.716	1.885m

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

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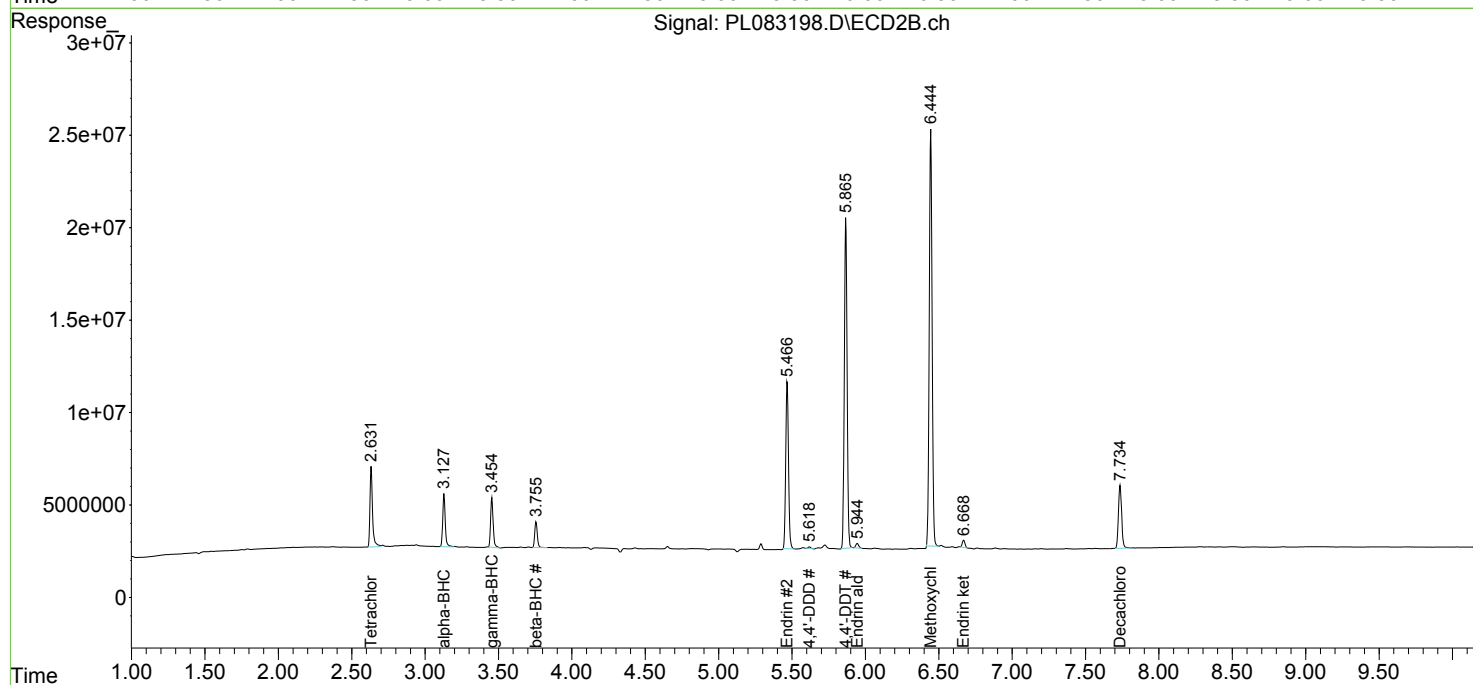
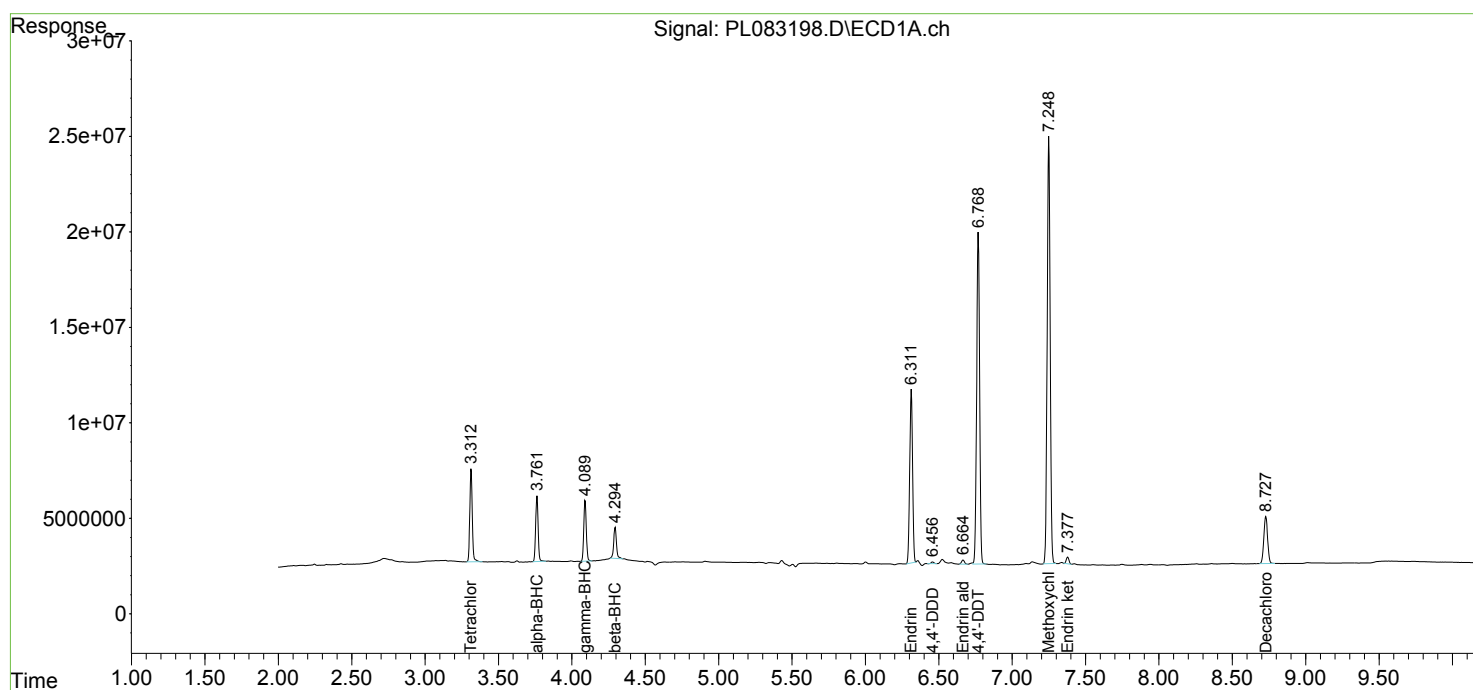
Instrument :
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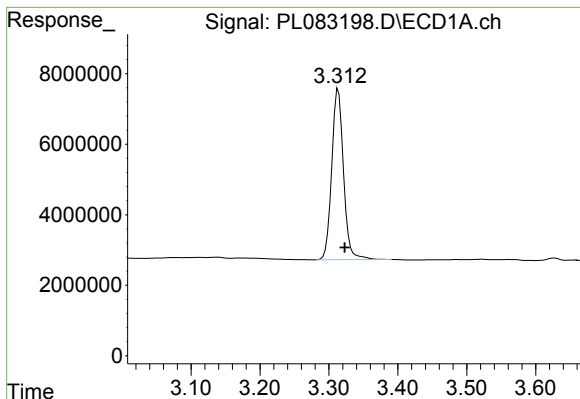
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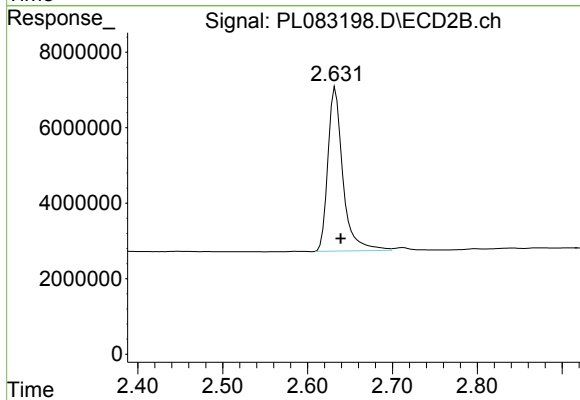
#1 Tetrachloro-m-xylene

R.T.: 3.314 min
Delta R.T.: -0.009 min
Response: 57435461
Conc: 19.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

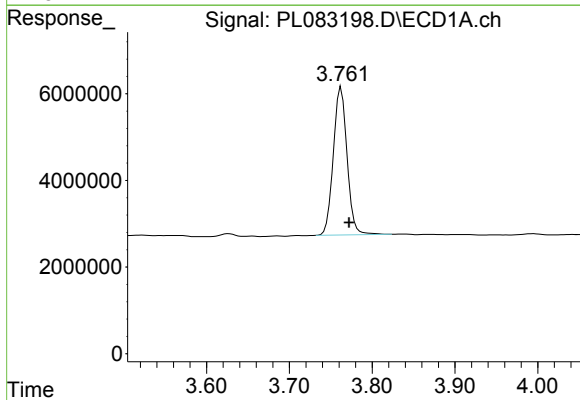
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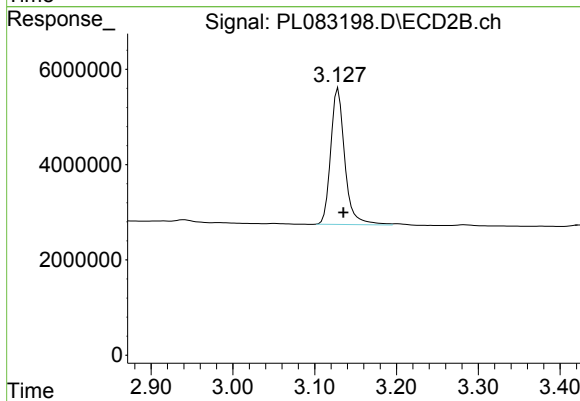
#1 Tetrachloro-m-xylene

R.T.: 2.633 min
Delta R.T.: -0.006 min
Response: 53334737
Conc: 20.54 ng/ml



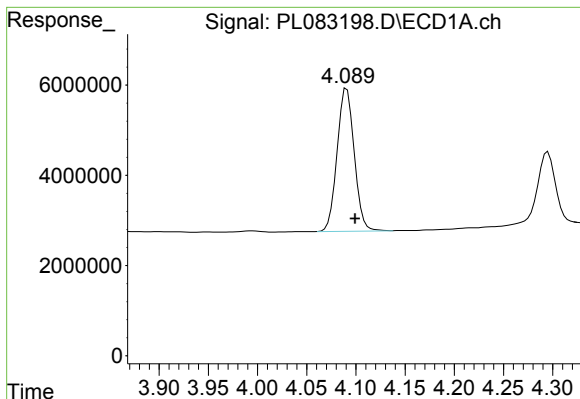
#2 alpha-BHC

R.T.: 3.763 min
Delta R.T.: -0.009 min
Response: 39391324
Conc: 8.87 ng/ml



#2 alpha-BHC

R.T.: 3.129 min
Delta R.T.: -0.006 min
Response: 34281762
Conc: 9.19 ng/ml



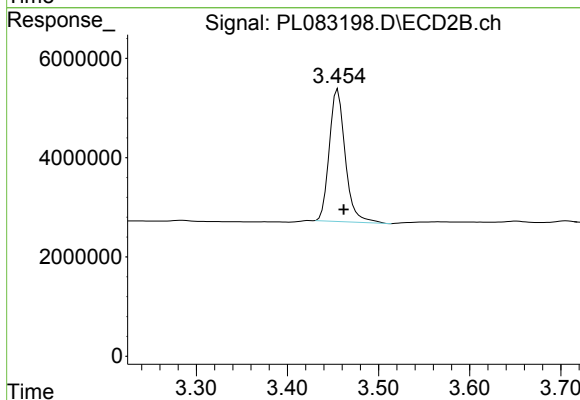
#3 gamma-BHC (Lindane)

R.T.: 4.091 min
Delta R.T.: -0.008 min
Response: 38439534
Conc: 9.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

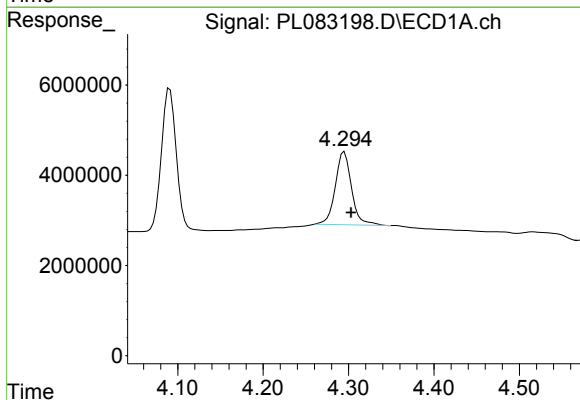
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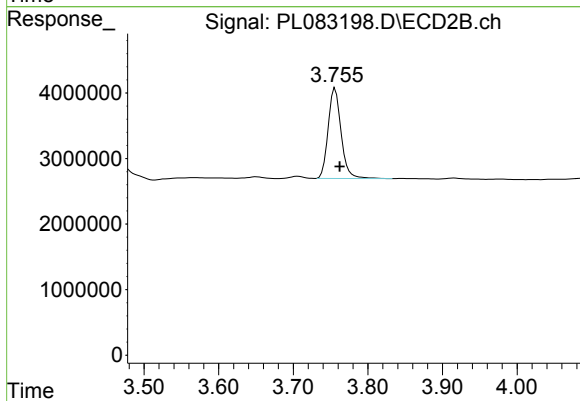
#3 gamma-BHC (Lindane)

R.T.: 3.455 min
Delta R.T.: -0.007 min
Response: 32418168
Conc: 9.73 ng/ml



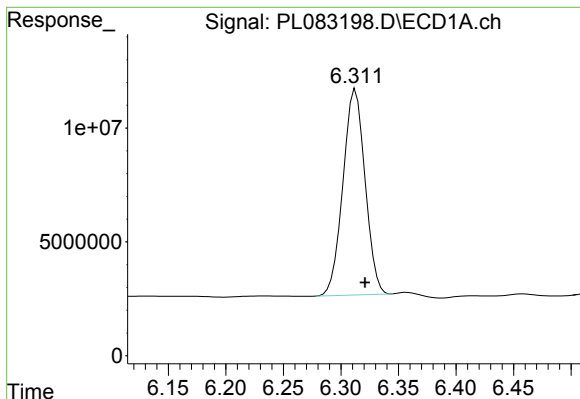
#6 beta-BHC

R.T.: 4.295 min
Delta R.T.: -0.008 min
Response: 21422403
Conc: 11.38 ng/ml



#6 beta-BHC

R.T.: 3.756 min
Delta R.T.: -0.006 min
Response: 16637329
Conc: 11.63 ng/ml



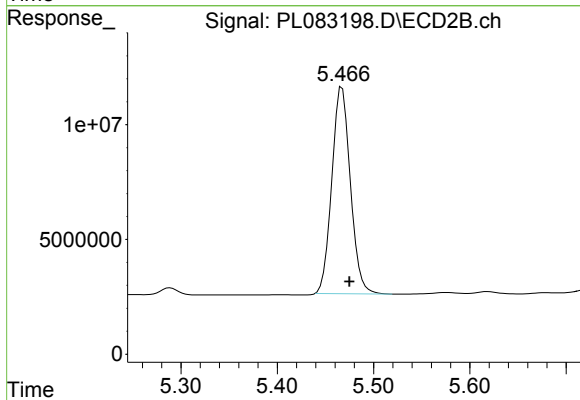
#14 Endrin

R.T.: 6.313 min
Delta R.T.: -0.008 min
Response: 121223016
Conc: 45.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

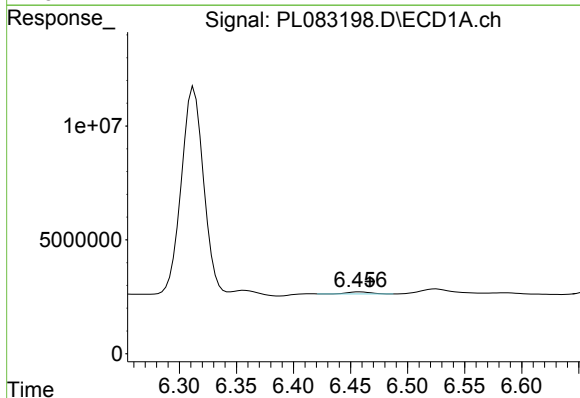
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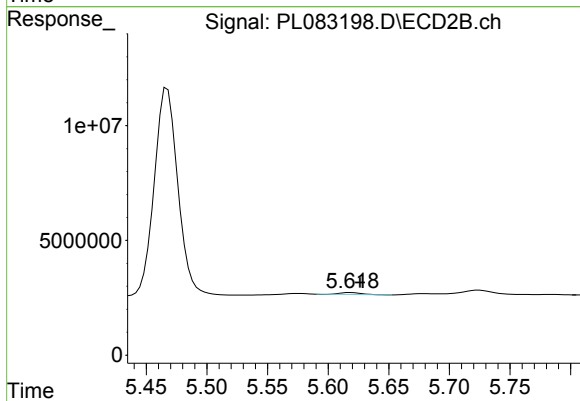
#14 Endrin

R.T.: 5.467 min
Delta R.T.: -0.008 min
Response: 120751763
Conc: 47.60 ng/ml



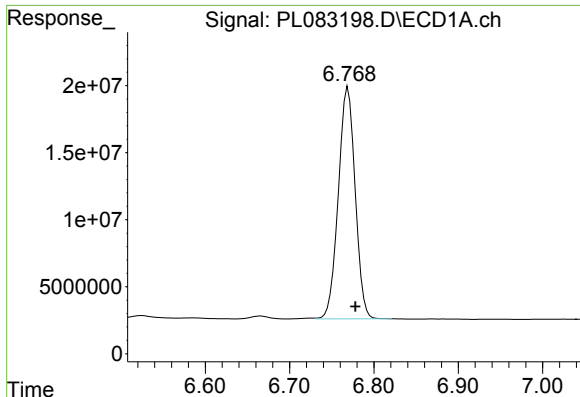
#16 4,4'-DDD

R.T.: 6.458 min
Delta R.T.: -0.009 min
Response: 1189421
Conc: 0.55 ng/ml



#16 4,4'-DDD

R.T.: 5.619 min
Delta R.T.: -0.008 min
Response: 1037109
Conc: 0.54 ng/ml



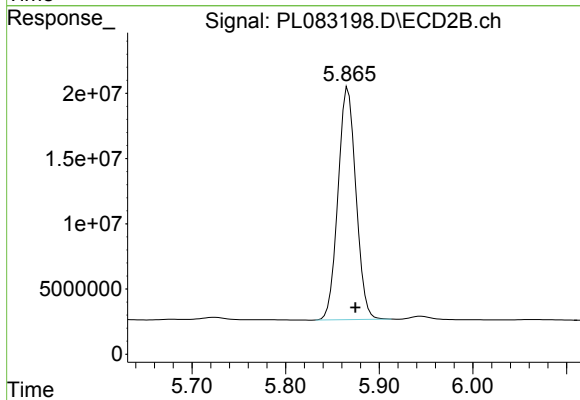
#17 4,4'-DDT

R.T.: 6.769 min
Delta R.T.: -0.009 min
Response: 239702063
Conc: 95.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

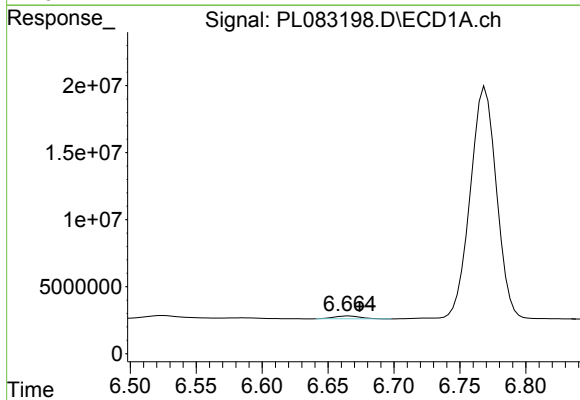
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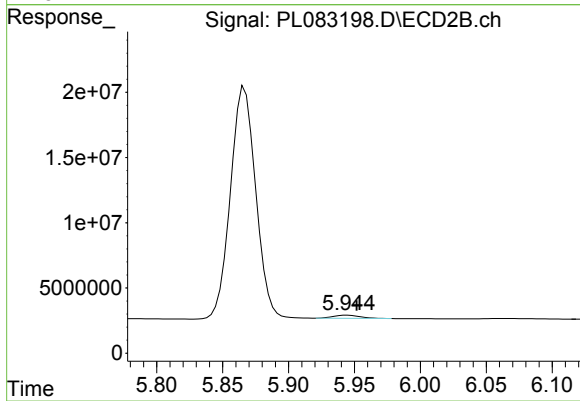
#17 4,4'-DDT

R.T.: 5.865 min
Delta R.T.: -0.009 min
Response: 236866359
Conc: 106.17 ng/ml m



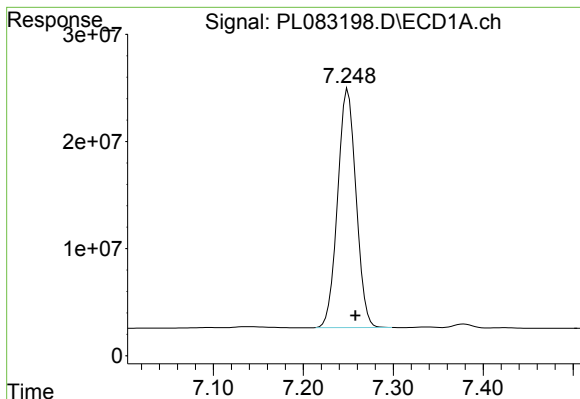
#18 Endrin aldehyde

R.T.: 6.666 min
Delta R.T.: -0.008 min
Response: 2996531
Conc: 1.49 ng/ml



#18 Endrin aldehyde

R.T.: 5.944 min
Delta R.T.: -0.008 min
Response: 3391729
Conc: 1.72 ng/ml m



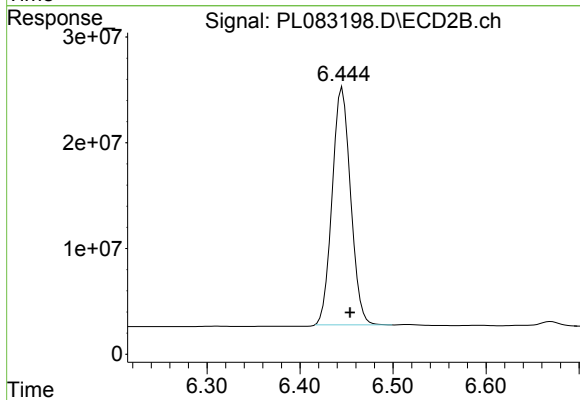
#20 Methoxychlor

R.T.: 7.250 min
Delta R.T.: -0.008 min
Response: 316889560
Conc: 239.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

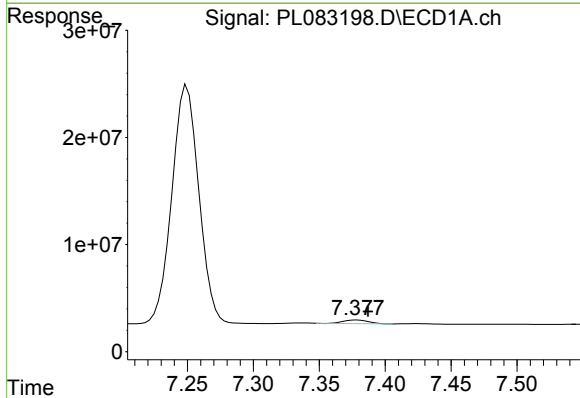
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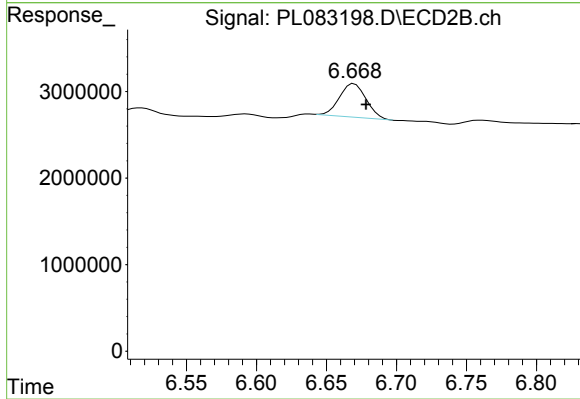
#20 Methoxychlor

R.T.: 6.445 min
Delta R.T.: -0.008 min
Response: 309220679
Conc: 243.15 ng/ml



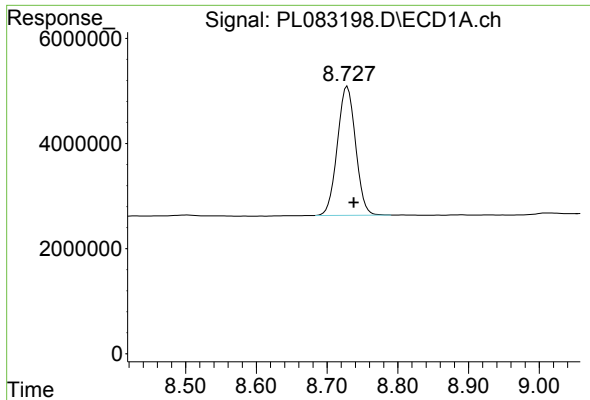
#21 Endrin ketone

R.T.: 7.379 min
Delta R.T.: -0.008 min
Response: 4377450
Conc: 1.72 ng/ml



#21 Endrin ketone

R.T.: 6.668 min
Delta R.T.: -0.010 min
Response: 5097671
Conc: 1.89 ng/ml m



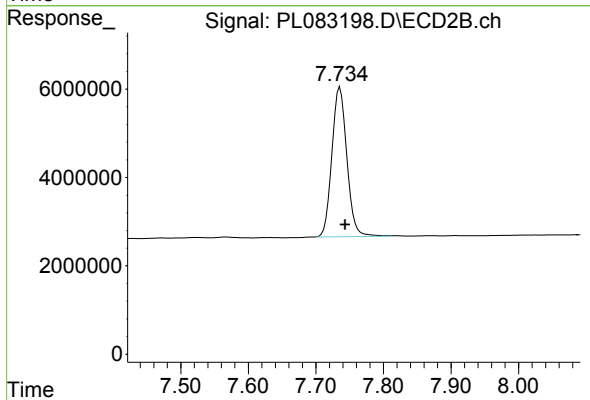
#28 Decachlorobiphenyl

R.T.: 8.729 min
Delta R.T.: -0.009 min
Response: 43837693
Conc: 20.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.736 min
Delta R.T.: -0.008 min
Response: 52355012
Conc: 21.06 ng/ml