

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110822\
 Data File : PL078904.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2022 10:55
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/10/2022
 Supervised By : Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 21:06:35 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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...	3.321	2.569	38415691	50038382	20.144	19.598
28)	SA Decachlor...	8.769	7.635	30479555	43599052	20.261	23.018
Target Compounds							
2)	A alpha-BHC	3.781	3.056	25883036	36963459	9.014	9.360
3)	MA gamma-BHC...	4.114	3.376	24993410	29421070	9.355	8.186
6)	B beta-BHC	4.329	3.676	11310341	17047946	9.818	11.881
14)	MA Endrin	6.348	5.366	92865802	113.9E6	48.933	43.708
16)	A 4,4'-DDD	6.512	5.526	1027363	577512	0.616m	0.263m#
17)	MA 4,4'-DDT	6.805	5.772	186.0E6	231.8E6	103.750	106.873m
18)	B Endrin al...	6.707	5.848	1129340	2101046	0.776	1.119m#
20)	A Methoxychlor	7.289	6.348	247.2E6	295.9E6	268.469	260.795m
21)	B Endrin ke...	7.427	6.559	2684378	6301905	1.427	2.438 #

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

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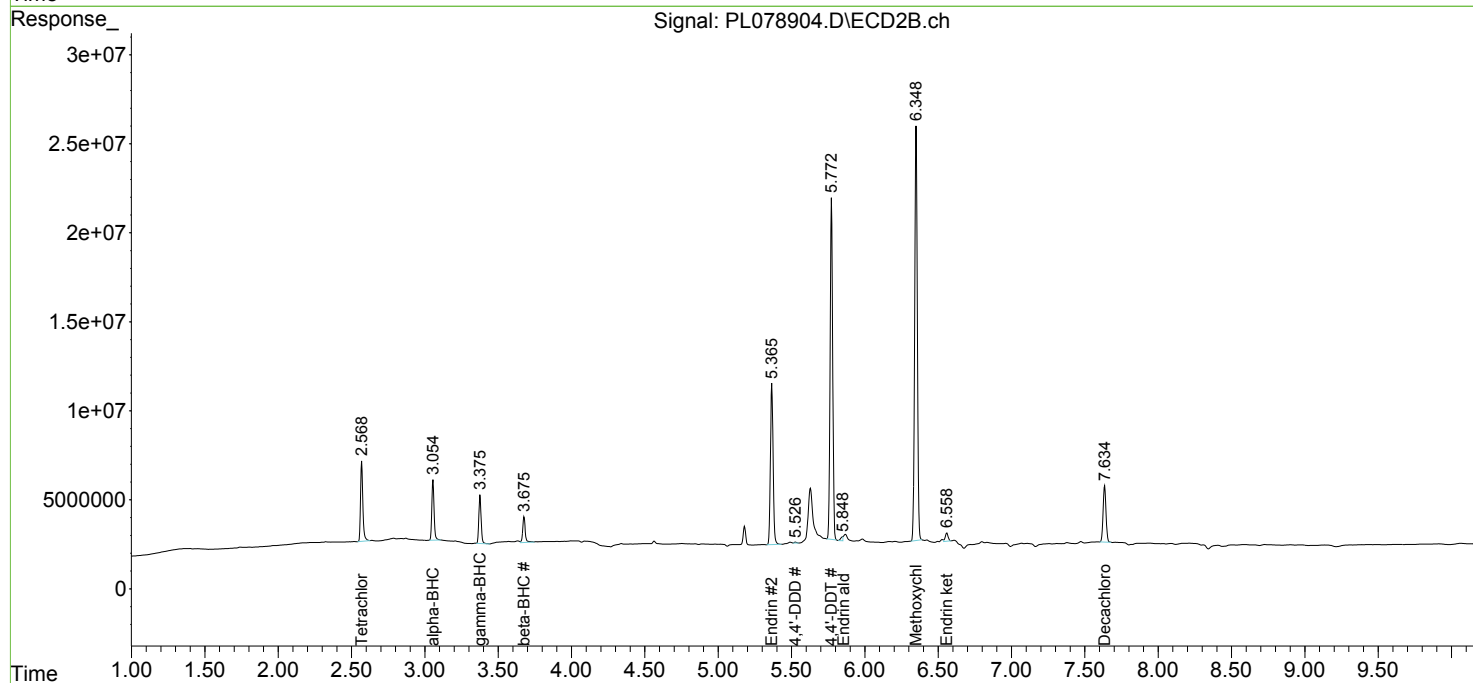
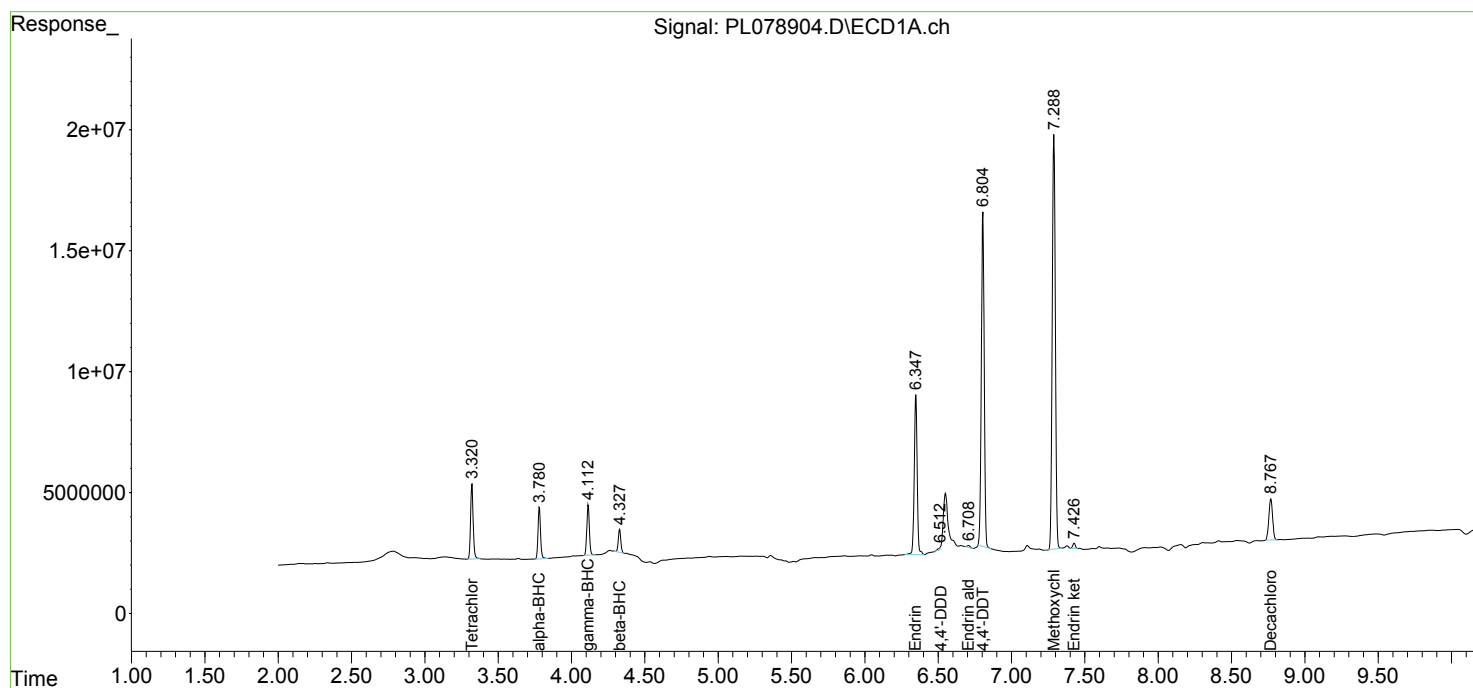
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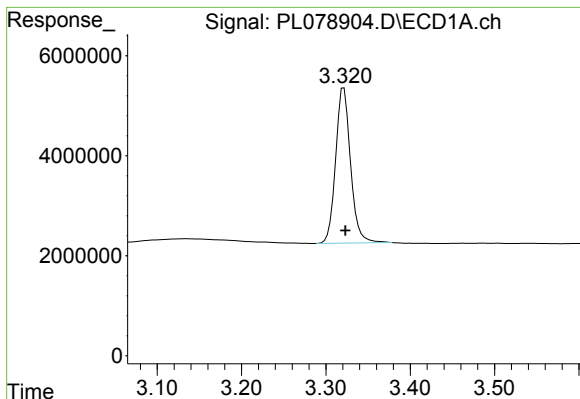
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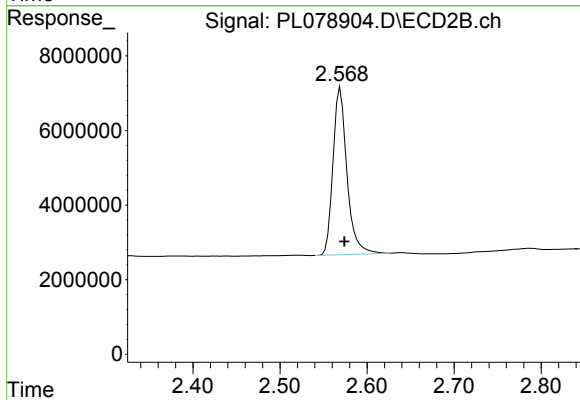
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 38415691
Conc: 20.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

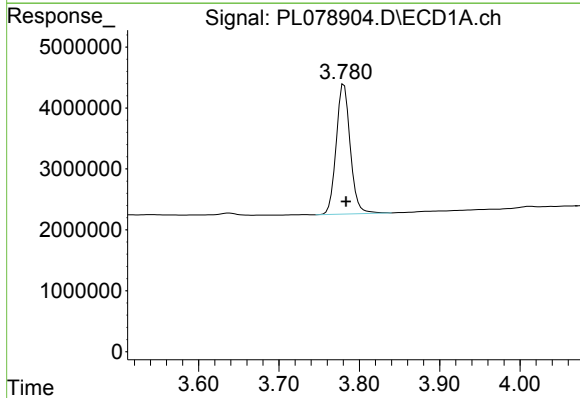
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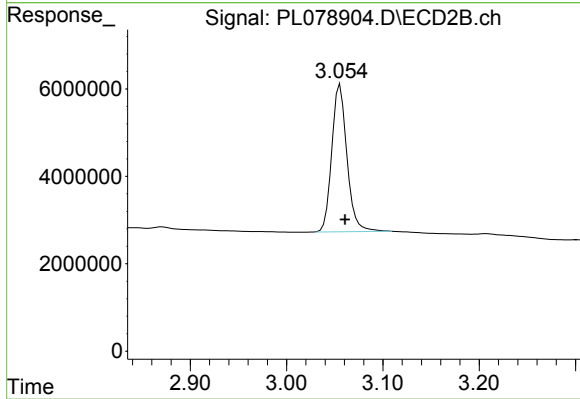
#1 Tetrachloro-m-xylene

R.T.: 2.569 min
Delta R.T.: -0.004 min
Response: 50038382
Conc: 19.60 ng/ml



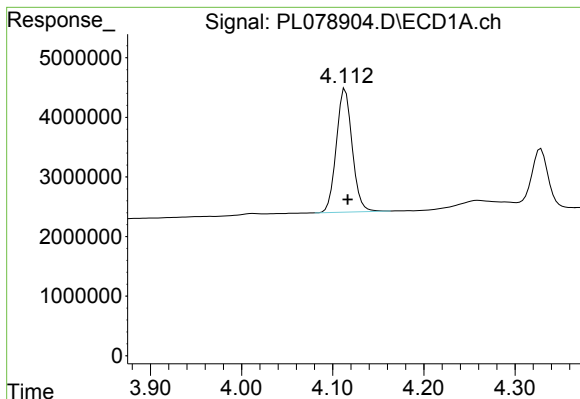
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 25883036
Conc: 9.01 ng/ml



#2 alpha-BHC

R.T.: 3.056 min
Delta R.T.: -0.005 min
Response: 36963459
Conc: 9.36 ng/ml



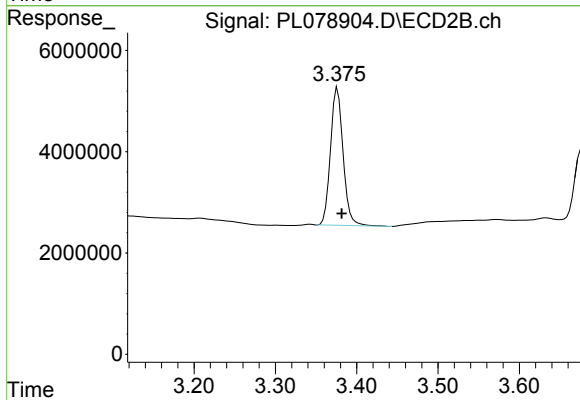
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: -0.003 min
Response: 24993410
Conc: 9.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

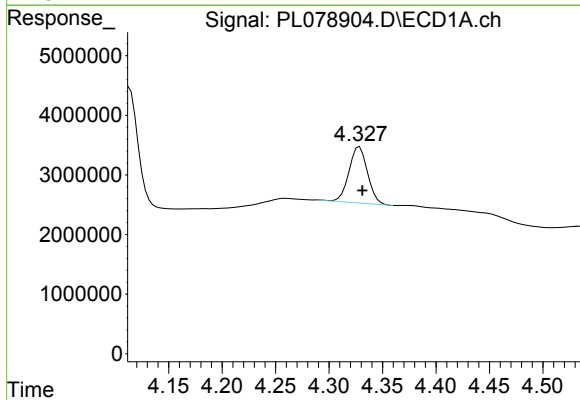
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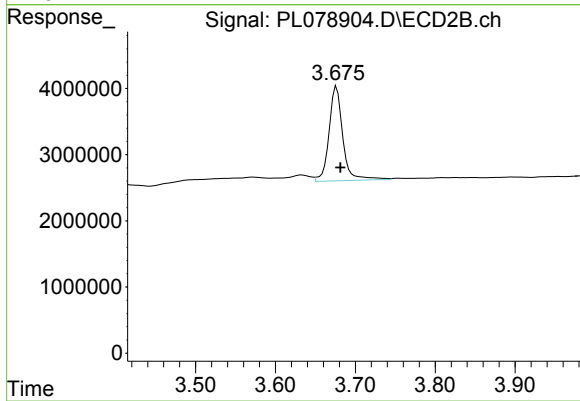
#3 gamma-BHC (Lindane)

R.T.: 3.376 min
Delta R.T.: -0.005 min
Response: 29421070
Conc: 8.19 ng/ml



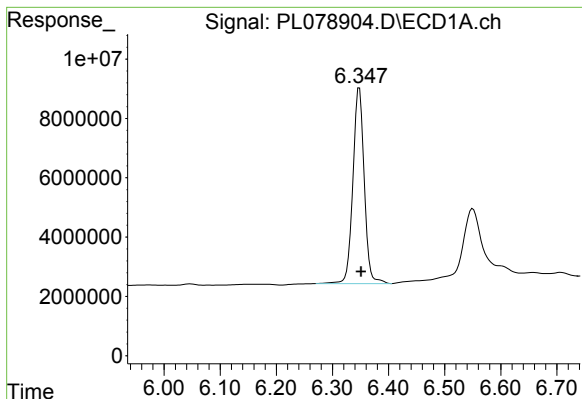
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 11310341
Conc: 9.82 ng/ml



#6 beta-BHC

R.T.: 3.676 min
Delta R.T.: -0.005 min
Response: 17047946
Conc: 11.88 ng/ml



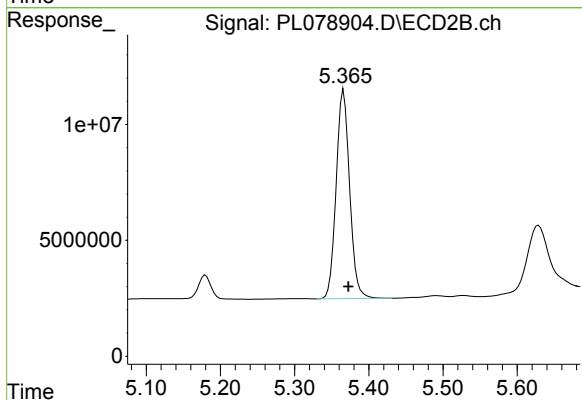
#14 Endrin

R.T.: 6.348 min
Delta R.T.: -0.004 min
Response: 92865802
Conc: 48.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

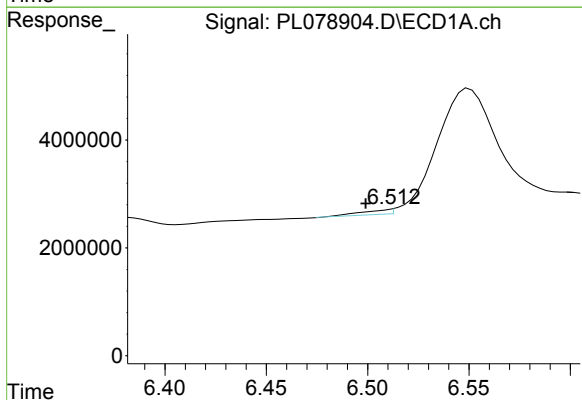
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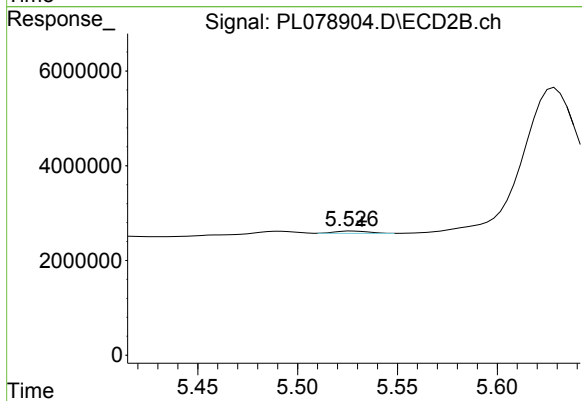
#14 Endrin

R.T.: 5.366 min
Delta R.T.: -0.006 min
Response: 113869237
Conc: 43.71 ng/ml



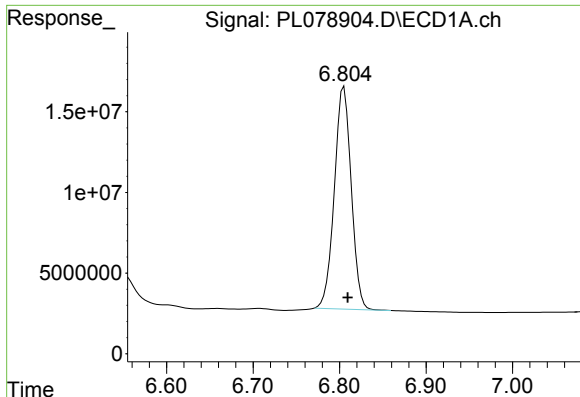
#16 4,4'-DDD

R.T.: 6.512 min
Delta R.T.: 0.013 min
Response: 1027363
Conc: 0.62 ng/ml m



#16 4,4'-DDD

R.T.: 5.526 min
Delta R.T.: -0.007 min
Response: 577512
Conc: 0.26 ng/ml m



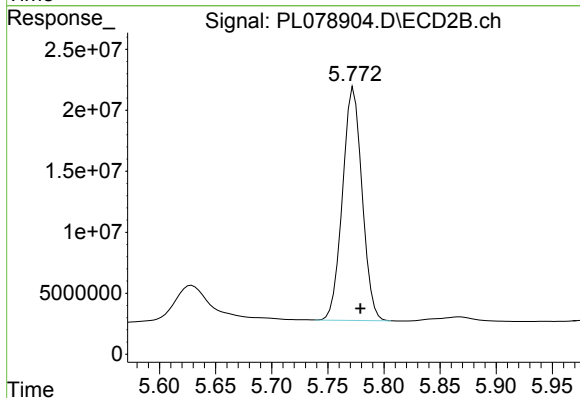
#17 4,4'-DDT

R.T.: 6.805 min
Delta R.T.: -0.004 min
Response: 185954301
Conc: 103.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

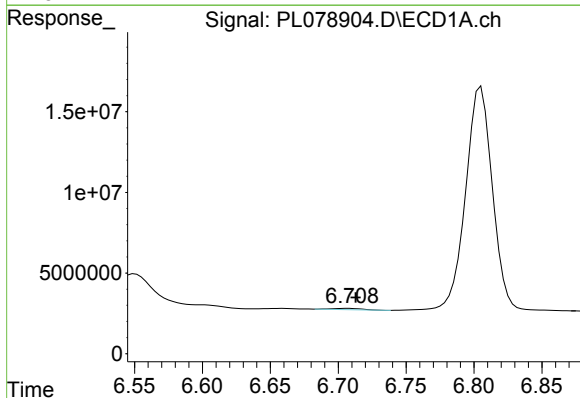
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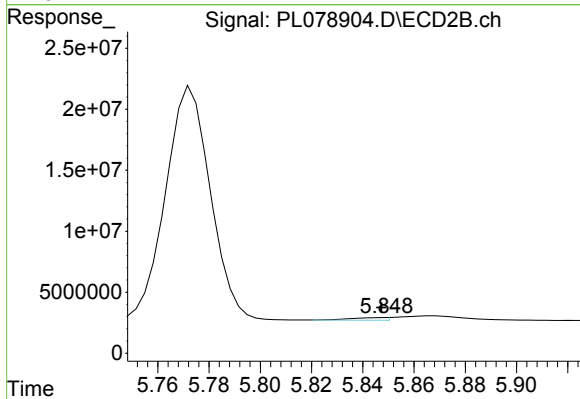
#17 4,4'-DDT

R.T.: 5.772 min
Delta R.T.: -0.007 min
Response: 231821293
Conc: 106.87 ng/ml m



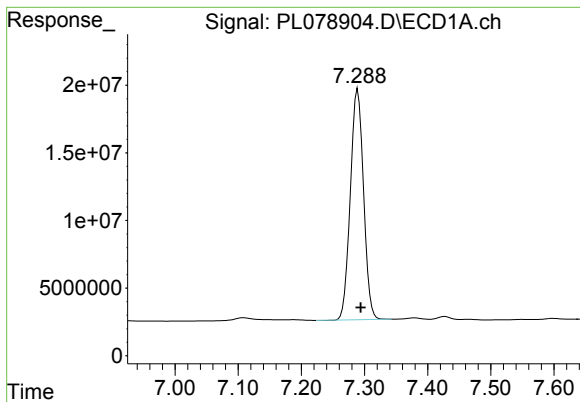
#18 Endrin aldehyde

R.T.: 6.707 min
Delta R.T.: -0.006 min
Response: 1129340
Conc: 0.78 ng/ml



#18 Endrin aldehyde

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 2101046
Conc: 1.12 ng/ml m



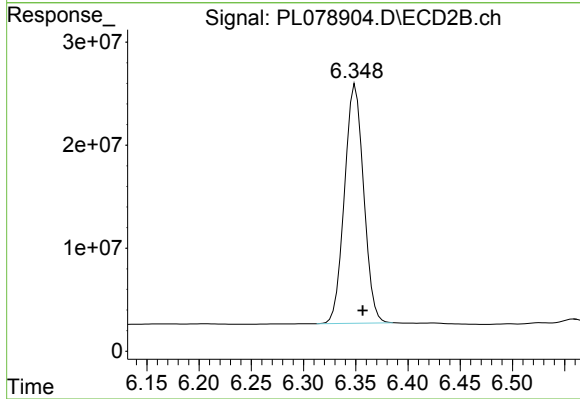
#20 Methoxychlor

R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 247229616
Conc: 268.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

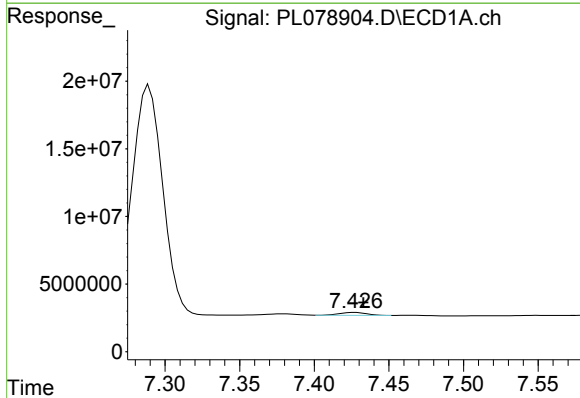
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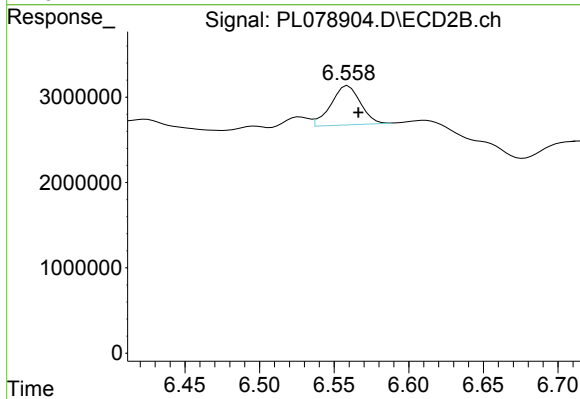
#20 Methoxychlor

R.T.: 6.348 min
Delta R.T.: -0.008 min
Response: 295949874
Conc: 260.80 ng/ml m



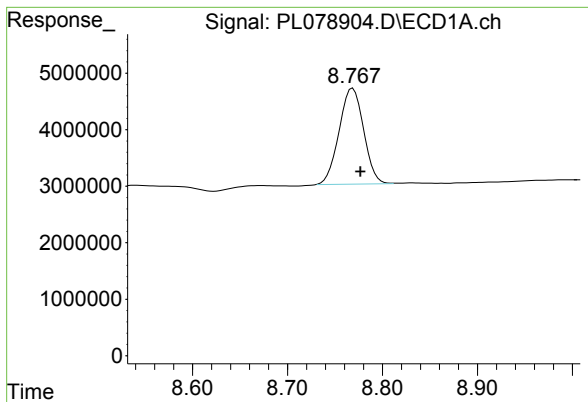
#21 Endrin ketone

R.T.: 7.427 min
Delta R.T.: -0.005 min
Response: 2684378
Conc: 1.43 ng/ml



#21 Endrin ketone

R.T.: 6.559 min
Delta R.T.: -0.007 min
Response: 6301905
Conc: 2.44 ng/ml



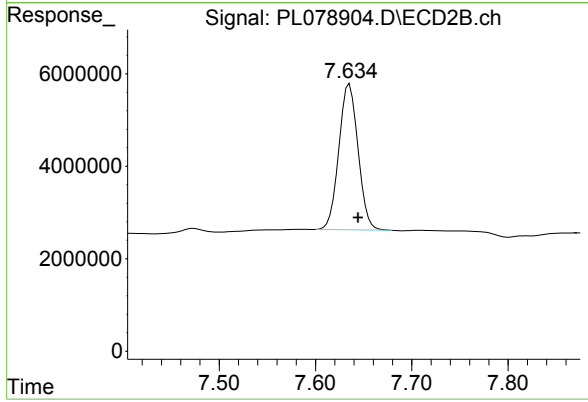
#28 Decachlorobiphenyl

R.T.: 8.769 min
Delta R.T.: -0.008 min
Response: 30479555
Conc: 20.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.635 min
Delta R.T.: -0.009 min
Response: 43599052
Conc: 23.02 ng/ml