

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052323\
 Data File : PL082914.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2023 08:58
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/24/2023
 Supervised By : Ankita Jodhani 05/24/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 13:00:05 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...	3.320	2.639	51692227	43128323	17.588	16.613
28)	SA Decachlor...	8.738	7.746	35687207	42171014	17.016	16.960
Target Compounds							
2)	A alpha-BHC	3.769	3.135	34478408	27058693	7.767	7.252
3)	MA gamma-BHC...	4.097	3.462	33304758	25901762	8.039	7.771
6)	B beta-BHC	4.301	3.763	16881091	13613264	8.966	9.519
14)	MA Endrin	6.321	5.477	97416638	92468619	36.251	36.449
16)	A 4,4'-DDD	6.466	5.628	6459130	5260999	2.972	2.735
17)	MA 4,4'-DDT	6.776	5.877	186.6E6	178.8E6	74.561	80.153
18)	B Endrin al...	6.674	5.953	3433342	4058862	1.708	2.053m
20)	A Methoxychlor	7.258	6.455	249.0E6	241.9E6	188.296	190.176
21)	B Endrin ke...	7.385	6.679	6686809	7534114	2.621m	2.786m

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

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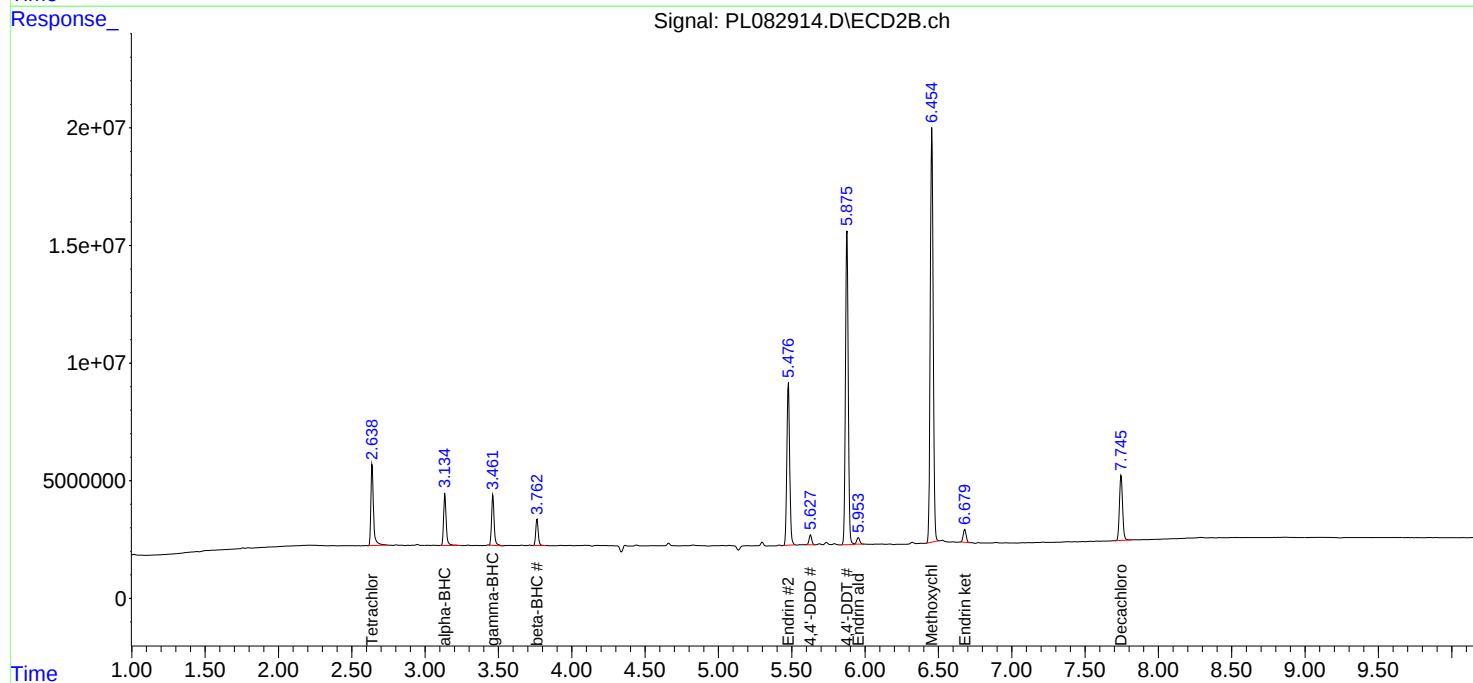
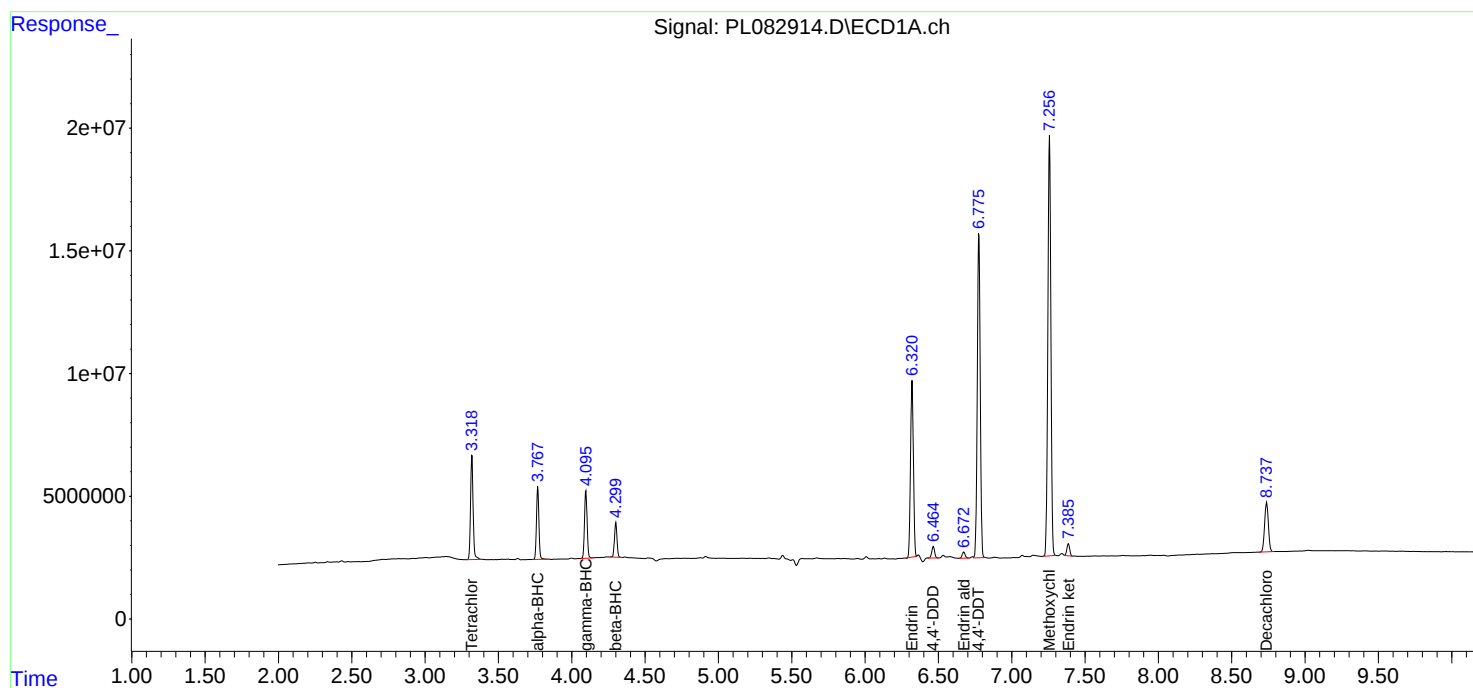
Instrument :
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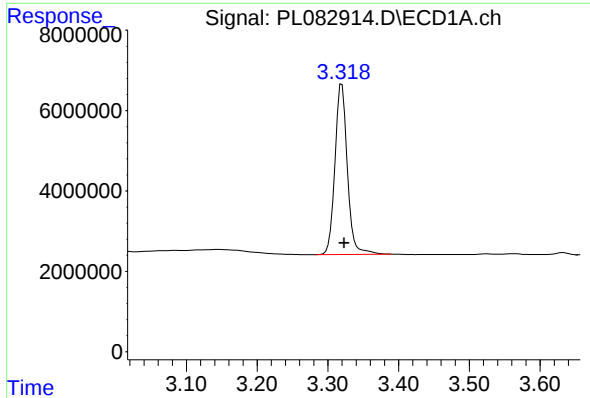
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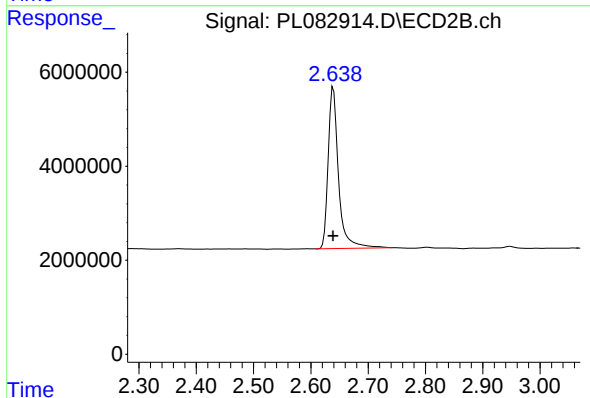
#1 Tetrachloro-m-xylene

R.T.: 3.320 min
Delta R.T.: -0.003 min
Response: 51692227
Conc: 17.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

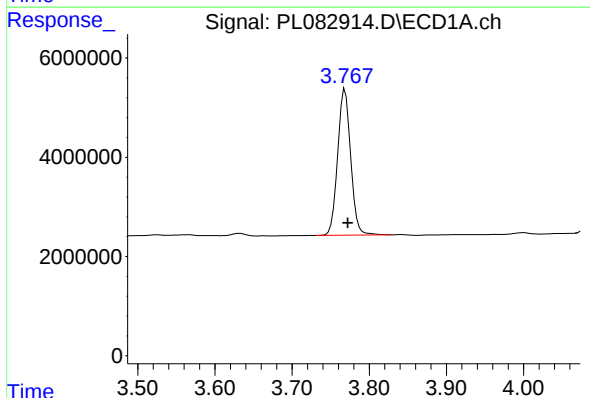
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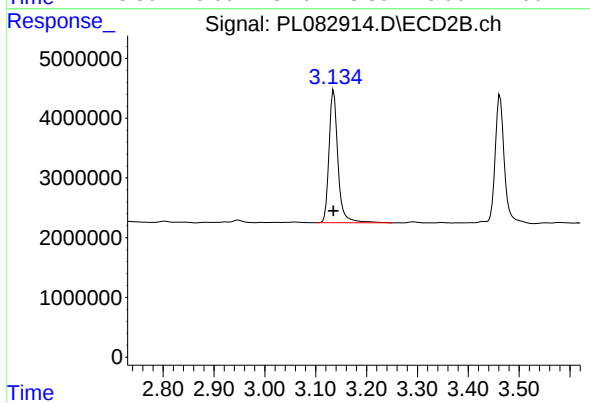
#1 Tetrachloro-m-xylene

R.T.: 2.639 min
Delta R.T.: 0.000 min
Response: 43128323
Conc: 16.61 ng/ml



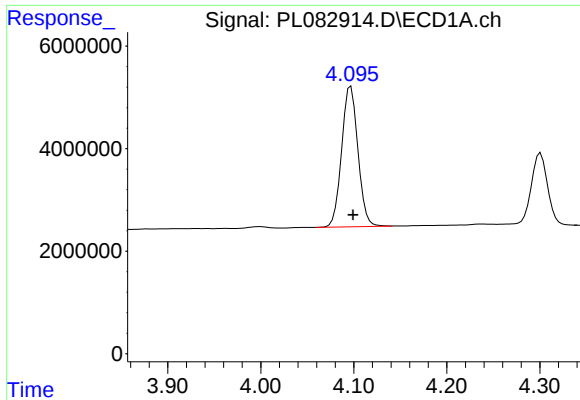
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.003 min
Response: 34478408
Conc: 7.77 ng/ml



#2 alpha-BHC

R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 27058693
Conc: 7.25 ng/ml



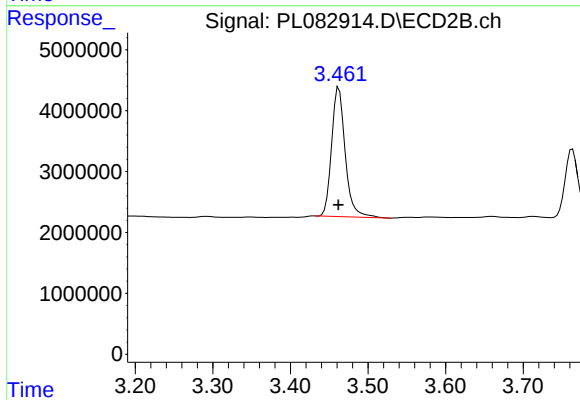
#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.002 min
Response: 33304758
Conc: 8.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

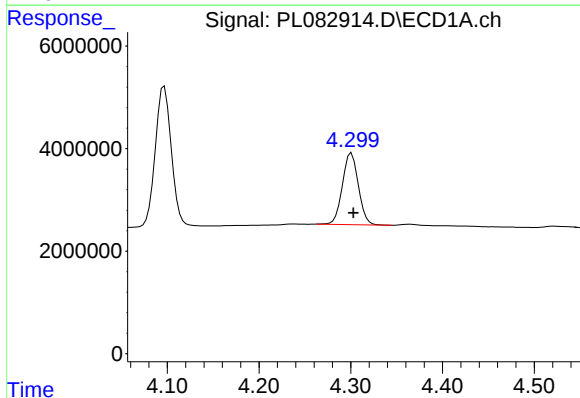
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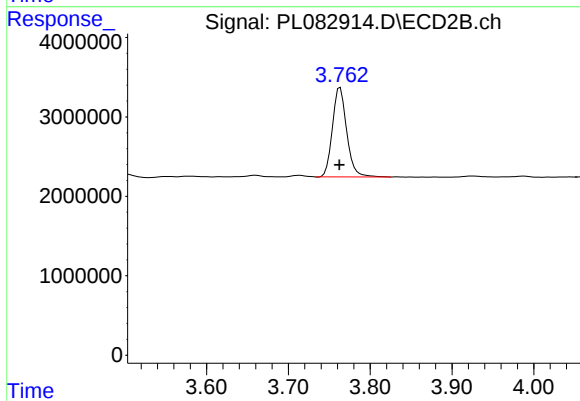
#3 gamma-BHC (Lindane)

R.T.: 3.462 min
Delta R.T.: 0.000 min
Response: 25901762
Conc: 7.77 ng/ml



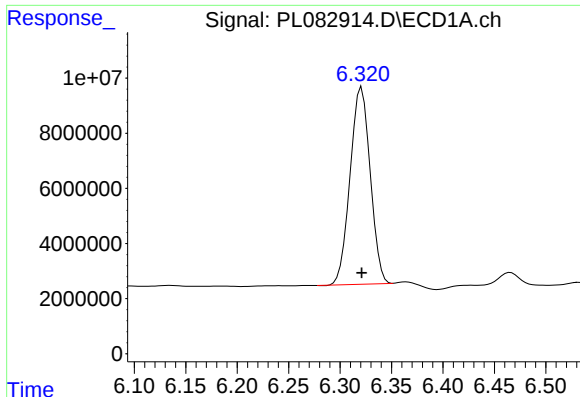
#6 beta-BHC

R.T.: 4.301 min
Delta R.T.: -0.002 min
Response: 16881091
Conc: 8.97 ng/ml



#6 beta-BHC

R.T.: 3.763 min
Delta R.T.: 0.001 min
Response: 13613264
Conc: 9.52 ng/ml



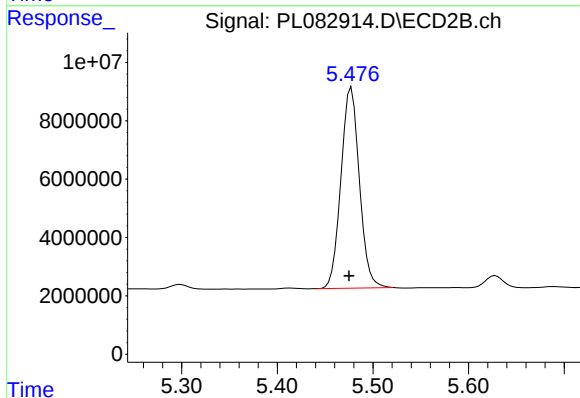
#14 Endrin

R.T.: 6.321 min
Delta R.T.: 0.000 min
Response: 97416638
Conc: 36.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

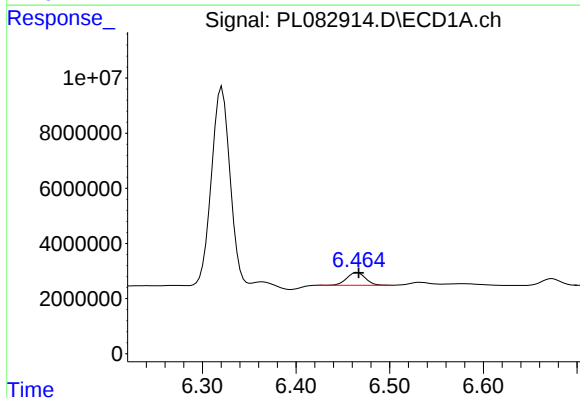
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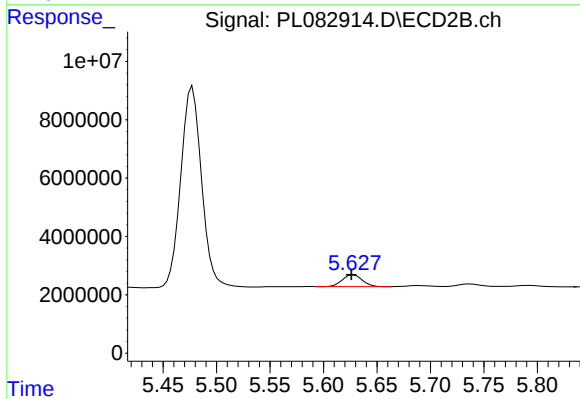
#14 Endrin

R.T.: 5.477 min
Delta R.T.: 0.002 min
Response: 92468619
Conc: 36.45 ng/ml



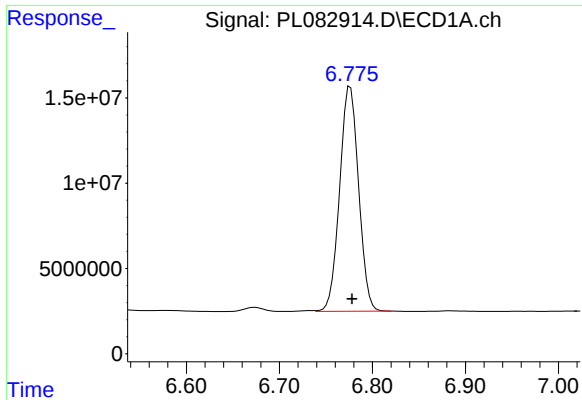
#16 4,4'-DDD

R.T.: 6.466 min
Delta R.T.: -0.001 min
Response: 6459130
Conc: 2.97 ng/ml



#16 4,4'-DDD

R.T.: 5.628 min
Delta R.T.: 0.002 min
Response: 5260999
Conc: 2.74 ng/ml



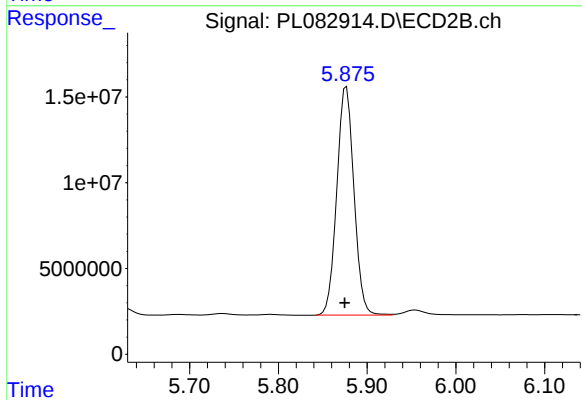
#17 4,4'-DDT

R.T.: 6.776 min
Delta R.T.: -0.002 min
Response: 186640529
Conc: 74.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

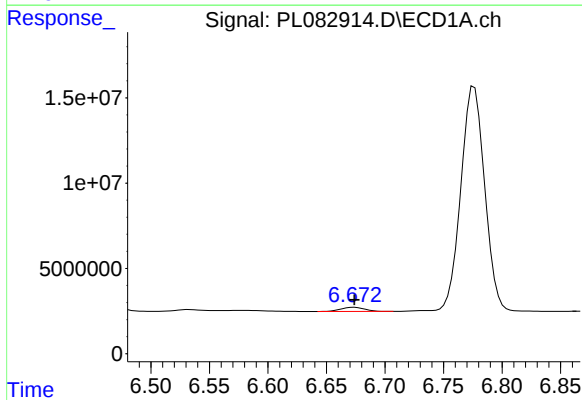
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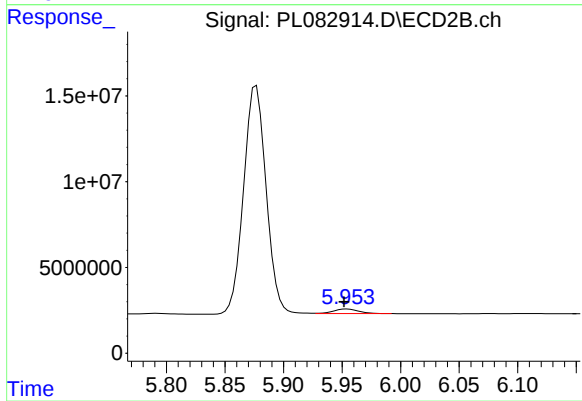
#17 4,4'-DDT

R.T.: 5.877 min
Delta R.T.: 0.002 min
Response: 178824215
Conc: 80.15 ng/ml



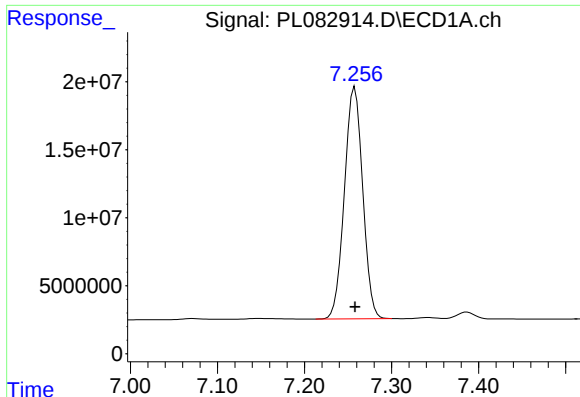
#18 Endrin aldehyde

R.T.: 6.674 min
Delta R.T.: 0.000 min
Response: 3433342
Conc: 1.71 ng/ml



#18 Endrin aldehyde

R.T.: 5.953 min
Delta R.T.: 0.001 min
Response: 4058862
Conc: 2.05 ng/ml m



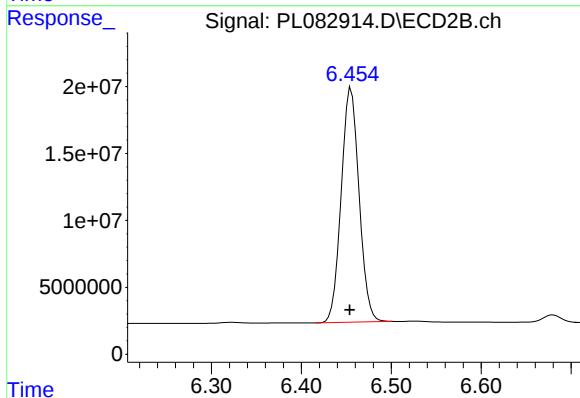
#20 Methoxychlor

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 248999241
Conc: 188.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

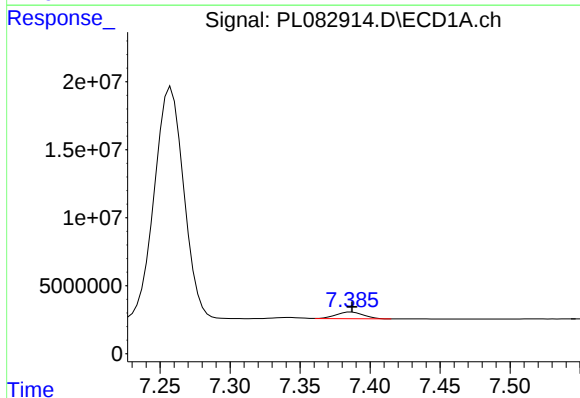
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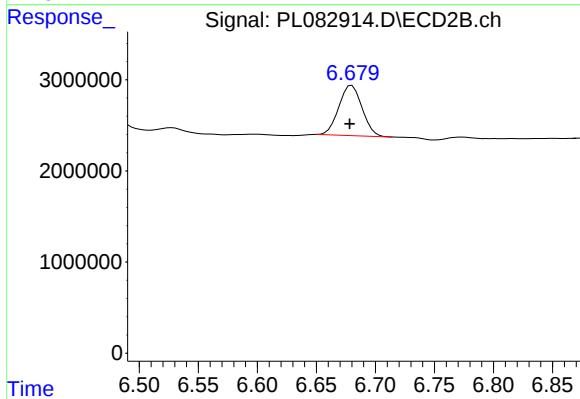
#20 Methoxychlor

R.T.: 6.455 min
Delta R.T.: 0.002 min
Response: 241856115
Conc: 190.18 ng/ml



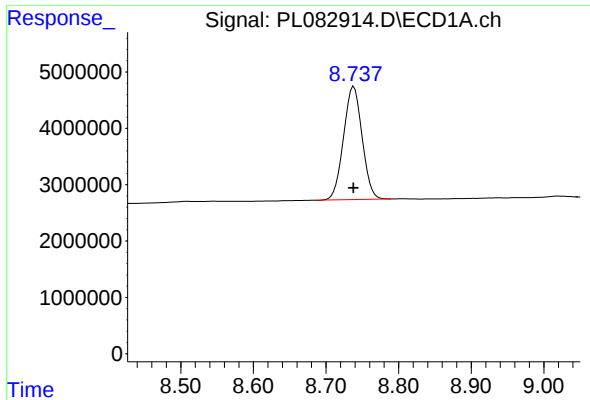
#21 Endrin ketone

R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 6686809
Conc: 2.62 ng/ml m



#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 7534114
Conc: 2.79 ng/ml m



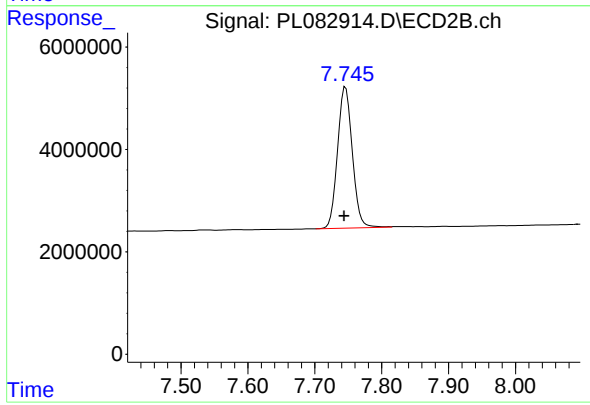
#28 Decachlorobiphenyl

R.T.: 8.738 min
Delta R.T.: 0.000 min
Response: 35687207
Conc: 17.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.746 min
Delta R.T.: 0.002 min
Response: 42171014
Conc: 16.96 ng/ml