

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072722\
 Data File : PL076682.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2022 18:30
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/27/2022
 Supervised By : Ankita Jodhani 07/27/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 27 03:30:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:22:48 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...	3.421	2.641	19085643	52323773	18.493	17.640
28)	SA Decachlor...	8.913	7.750	16240536	41437108	18.414	16.144
Target Compounds							
2)	A alpha-BHC	3.885	3.135	12964329	38163318	8.990	9.141
3)	MA gamma-BHC...	4.221	3.459	12864428	34624715	9.528	9.084
6)	B beta-BHC	4.431	3.758	6357805	15730998	10.654	9.277
14)	MA Endrin	6.466	5.470	41221659	113.4E6	42.913	45.168
16)	A 4,4'-DDD	6.606	5.626	2191782	6034208	2.629	2.547
17)	MA 4,4'-DDT	6.917	5.876	80592073	222.2E6	88.686	92.498
18)	B Endrin al...	6.824	5.944	1121329	3501168	1.538	1.858m
20)	A Methoxychlor	7.398	6.454	110.3E6	277.0E6	217.877	211.791
21)	B Endrin ke...	7.544	6.666	2386494	6563392	2.334m	2.418m

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

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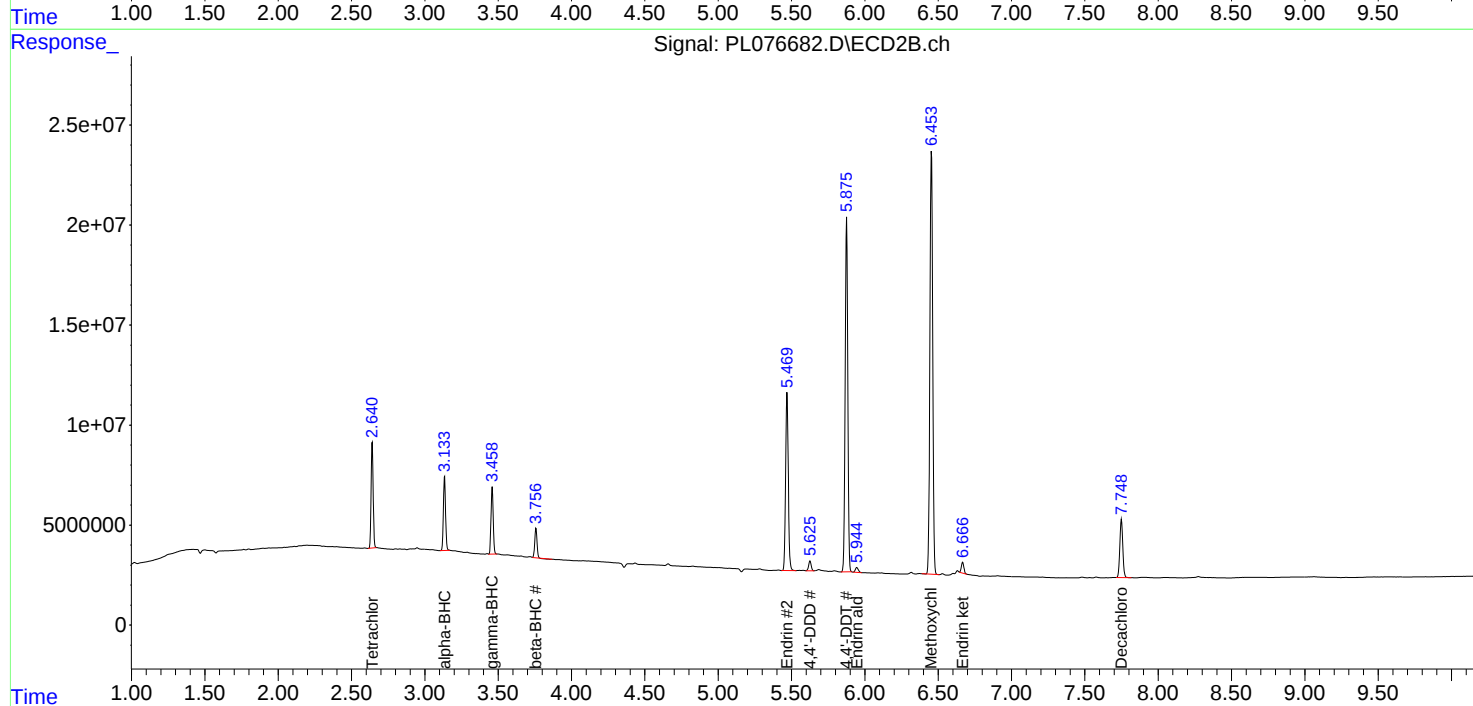
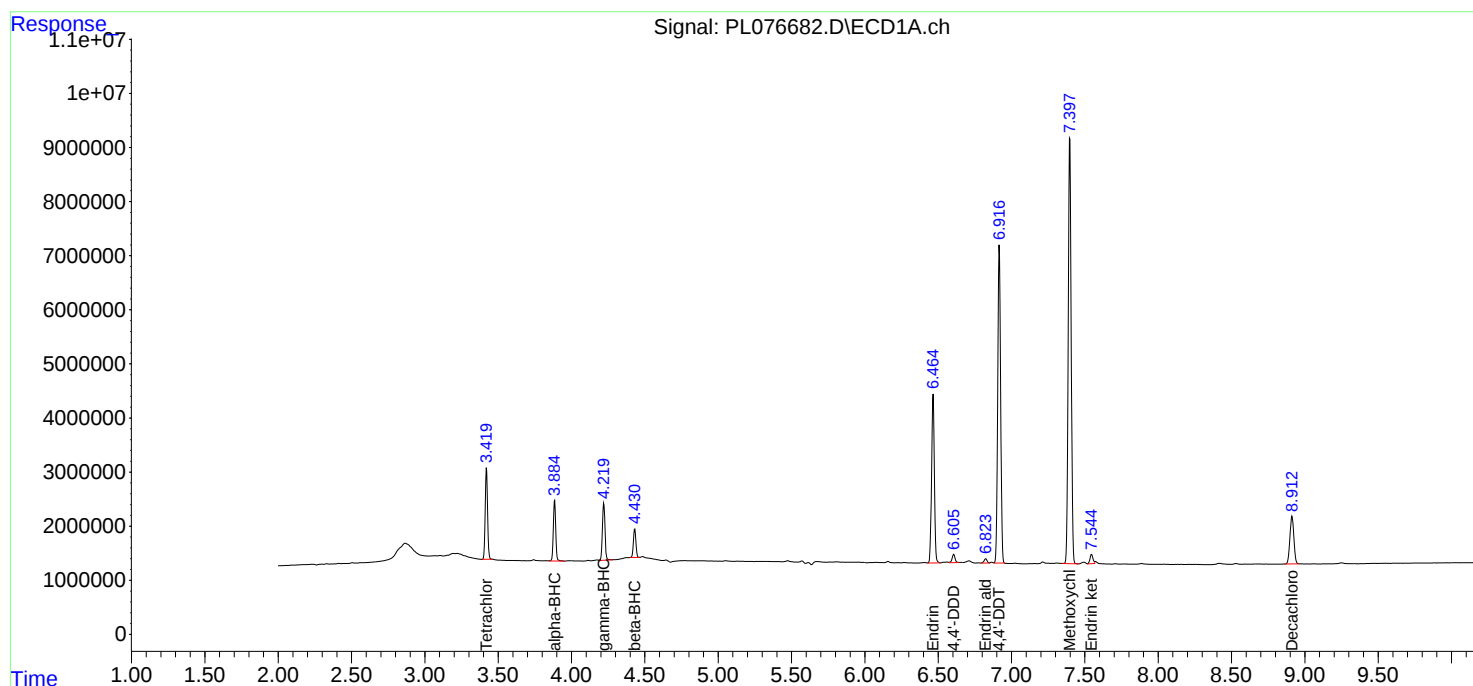
Instrument :
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ClientSampleId :
PEM

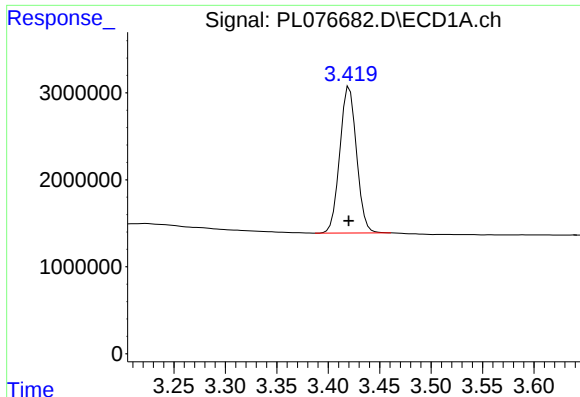
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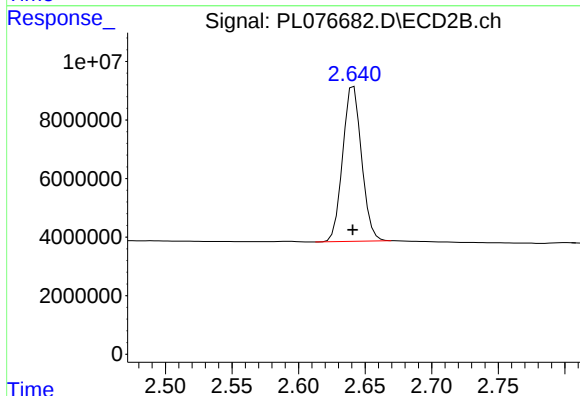
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: 0.000 min
Response: 19085643
Conc: 18.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

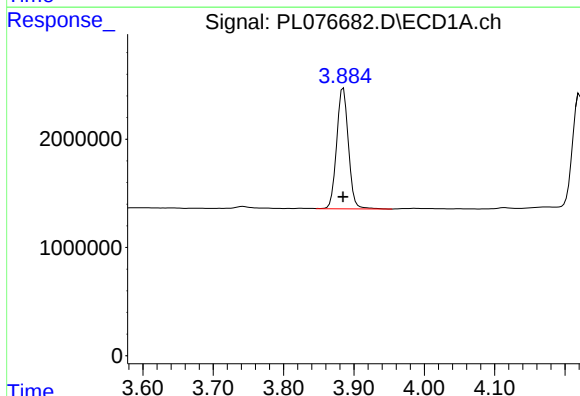
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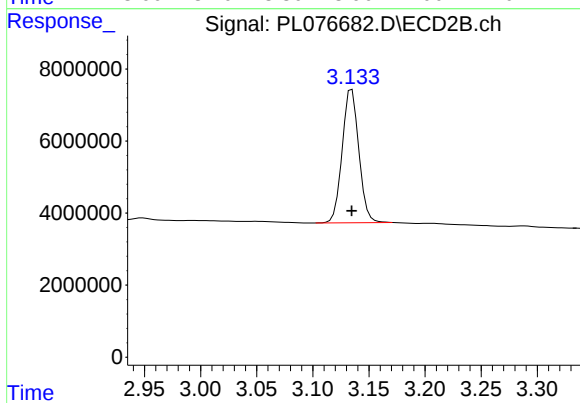
#1 Tetrachloro-m-xylene

R.T.: 2.641 min
Delta R.T.: 0.000 min
Response: 52323773
Conc: 17.64 ng/ml



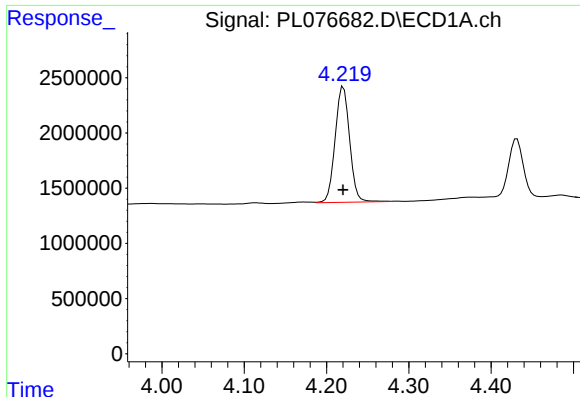
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 12964329
Conc: 8.99 ng/ml



#2 alpha-BHC

R.T.: 3.135 min
Delta R.T.: 0.000 min
Response: 38163318
Conc: 9.14 ng/ml



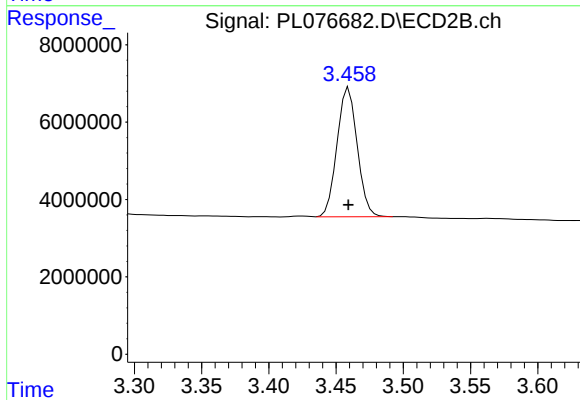
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.000 min
Response: 12864428
Conc: 9.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

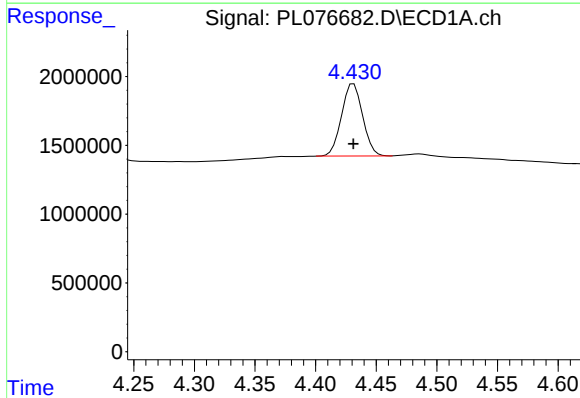
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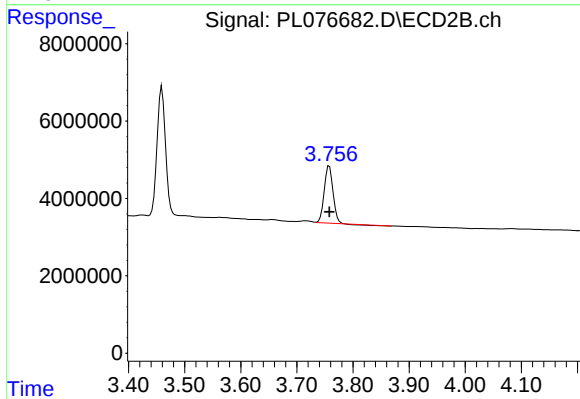
#3 gamma-BHC (Lindane)

R.T.: 3.459 min
Delta R.T.: 0.000 min
Response: 34624715
Conc: 9.08 ng/ml



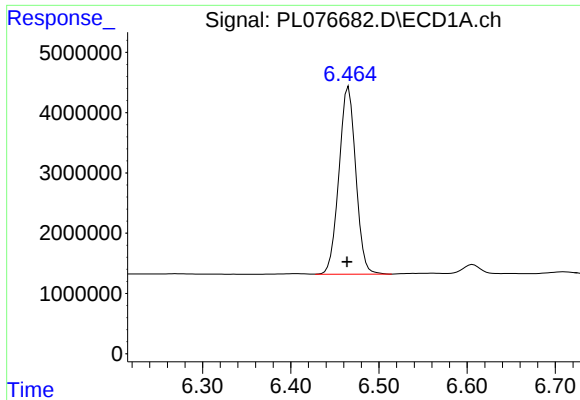
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 6357805
Conc: 10.65 ng/ml



#6 beta-BHC

R.T.: 3.758 min
Delta R.T.: 0.000 min
Response: 15730998
Conc: 9.28 ng/ml



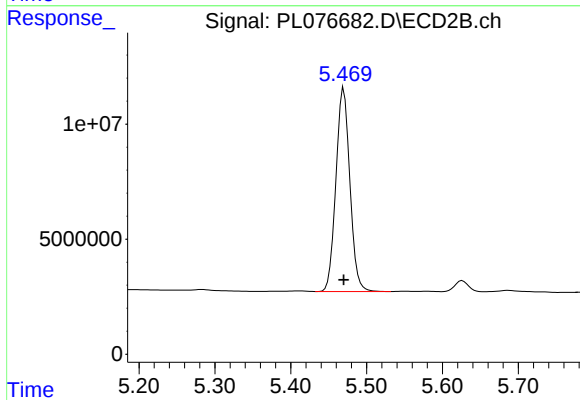
#14 Endrin

R.T.: 6.466 min
Delta R.T.: 0.002 min
Response: 41221659
Conc: 42.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

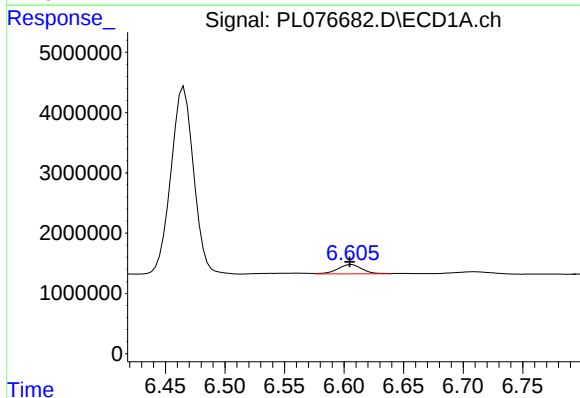
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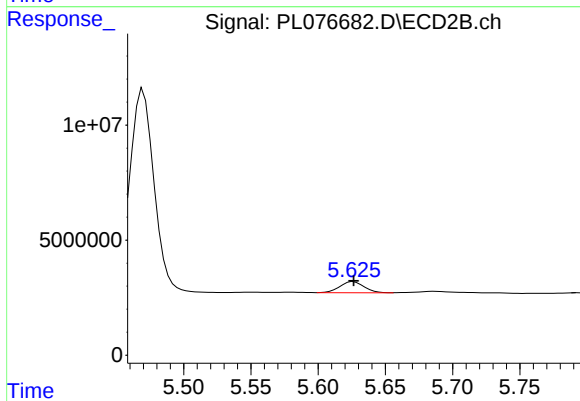
#14 Endrin

R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 113392302
Conc: 45.17 ng/ml



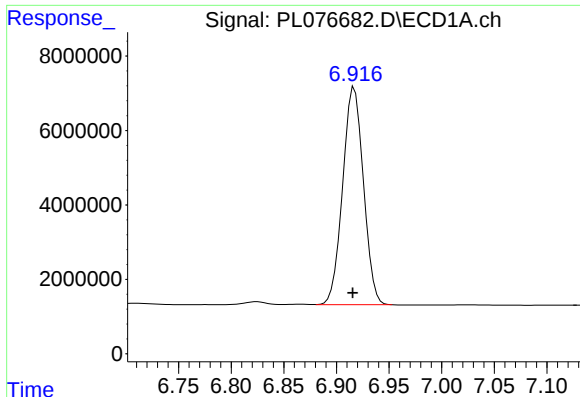
#16 4,4'-DDD

R.T.: 6.606 min
Delta R.T.: 0.002 min
Response: 2191782
Conc: 2.63 ng/ml



#16 4,4'-DDD

R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 6034208
Conc: 2.55 ng/ml



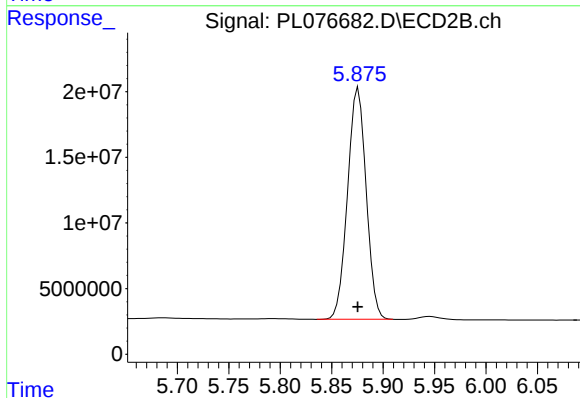
#17 4,4'-DDT

R.T.: 6.917 min
Delta R.T.: 0.002 min
Response: 80592073
Conc: 88.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

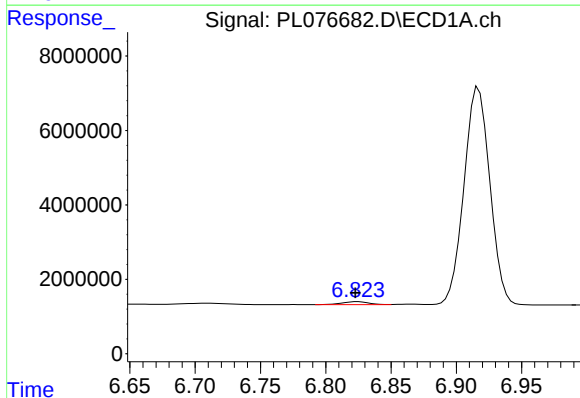
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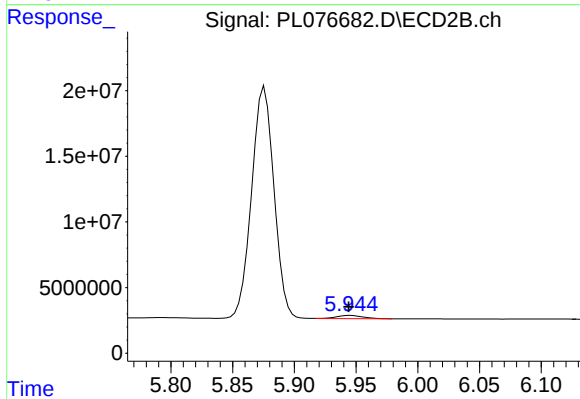
#17 4,4'-DDT

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 222234545
Conc: 92.50 ng/ml



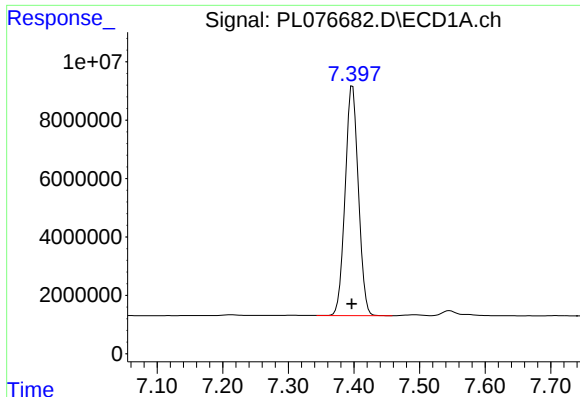
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: 0.002 min
Response: 1121329
Conc: 1.54 ng/ml



#18 Endrin aldehyde

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 3501168
Conc: 1.86 ng/ml m



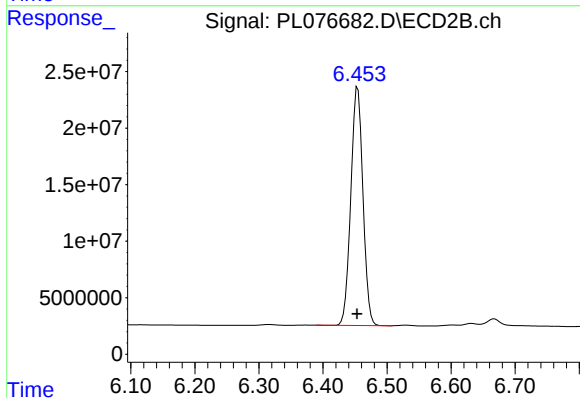
#20 Methoxychlor

R.T.: 7.398 min
Delta R.T.: 0.002 min
Response: 110250696
Conc: 217.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

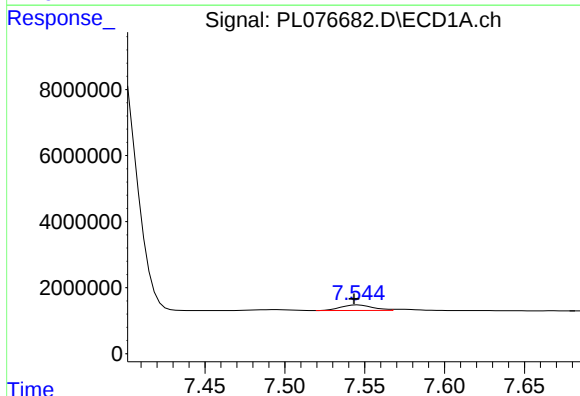
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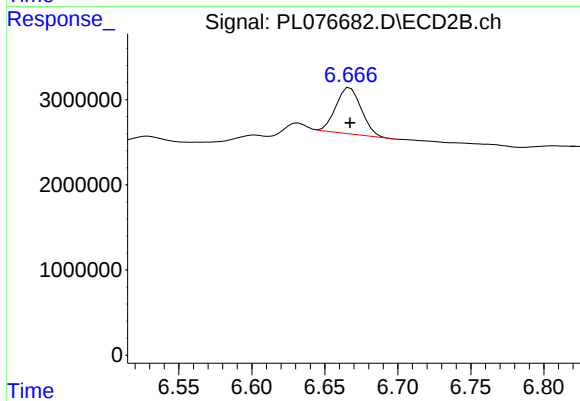
#20 Methoxychlor

R.T.: 6.454 min
Delta R.T.: 0.001 min
Response: 277003001
Conc: 211.79 ng/ml



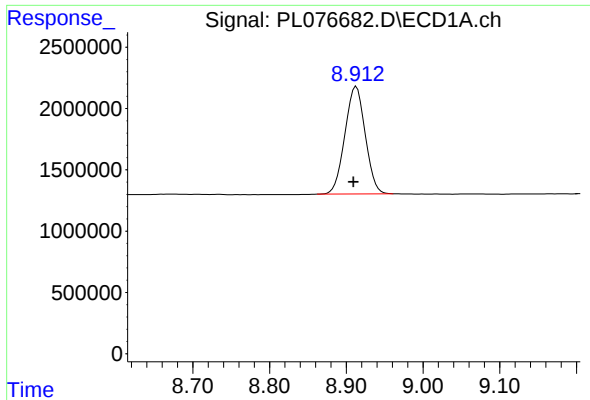
#21 Endrin ketone

R.T.: 7.544 min
Delta R.T.: 0.000 min
Response: 2386494
Conc: 2.33 ng/ml m



#21 Endrin ketone

R.T.: 6.666 min
Delta R.T.: -0.001 min
Response: 6563392
Conc: 2.42 ng/ml m



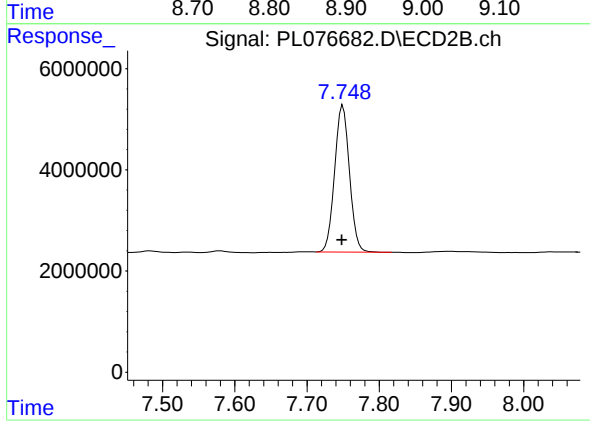
#28 Decachlorobiphenyl

R.T.: 8.913 min
Delta R.T.: 0.004 min
Response: 16240536
Conc: 18.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.750 min
Delta R.T.: 0.002 min
Response: 41437108
Conc: 16.14 ng/ml