

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080922\
 Data File : PL076992.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2022 09:41
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2022
 Supervised By :Ankita Jodhani 08/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 10 00:04:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080822.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 09 09:13:15 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...	3.420	2.637	20023887	58378603	20.421	20.393
28)	SA Decachlor...	8.907	7.741	17036300	48502500	22.566	21.545
Target Compounds							
2)	A alpha-BHC	3.884	3.130	13308755	42456223	9.614	10.011
3)	MA gamma-BHC...	4.219	3.455	13073765	38539815	10.224	10.101
6)	B beta-BHC	4.431	3.754	6498815	16843885	11.578	10.780
14)	MA Endrin	6.463	5.463	42807005	124.4E6	52.598	48.959
16)	A 4,4'-DDD	6.599	5.620	407600	1920414	0.535m	0.852 #
17)	MA 4,4'-DDT	6.915	5.869	84697848	247.5E6	110.220	109.181
18)	B Endrin al...	6.822	5.939	1262535	3843683	1.751	1.955
20)	A Methoxychlor	7.396	6.447	116.0E6	304.3E6	261.254	253.009
21)	B Endrin ke...	7.543	6.659	2519872	6294264	2.782	2.474m

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

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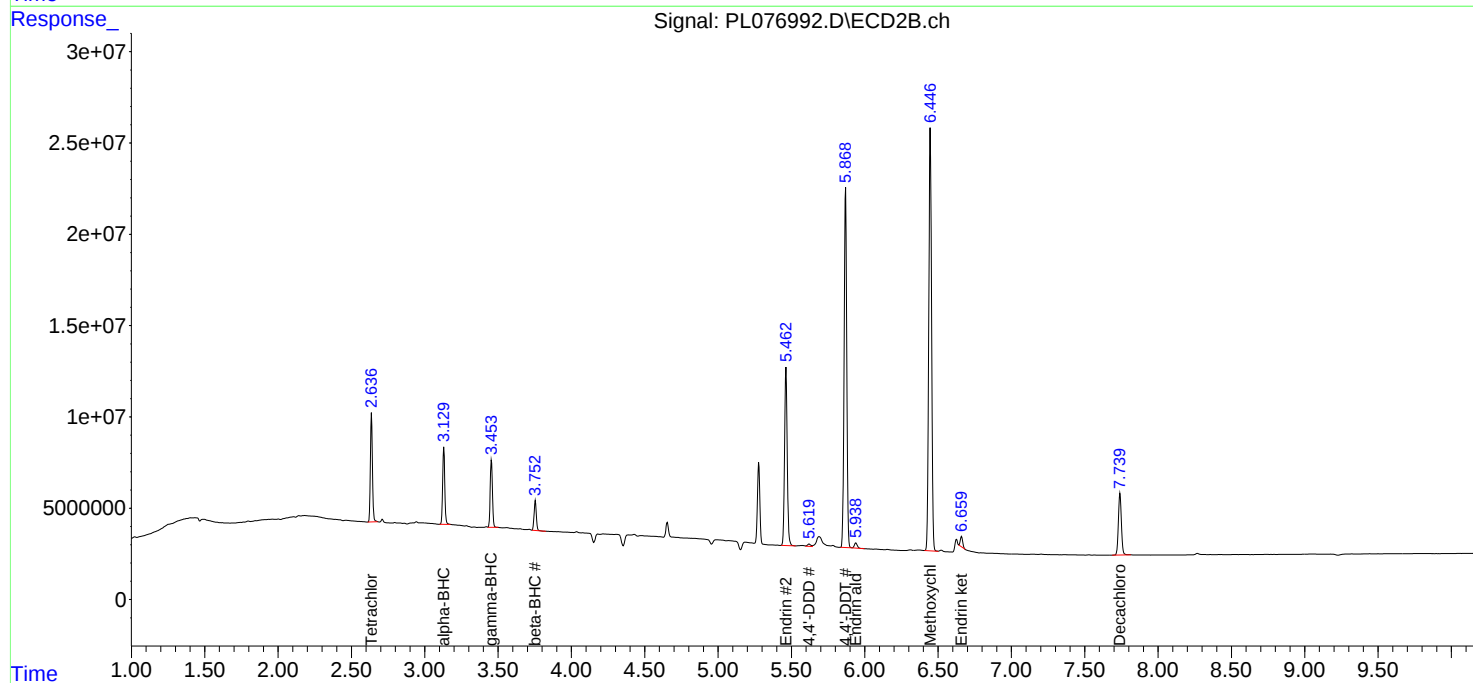
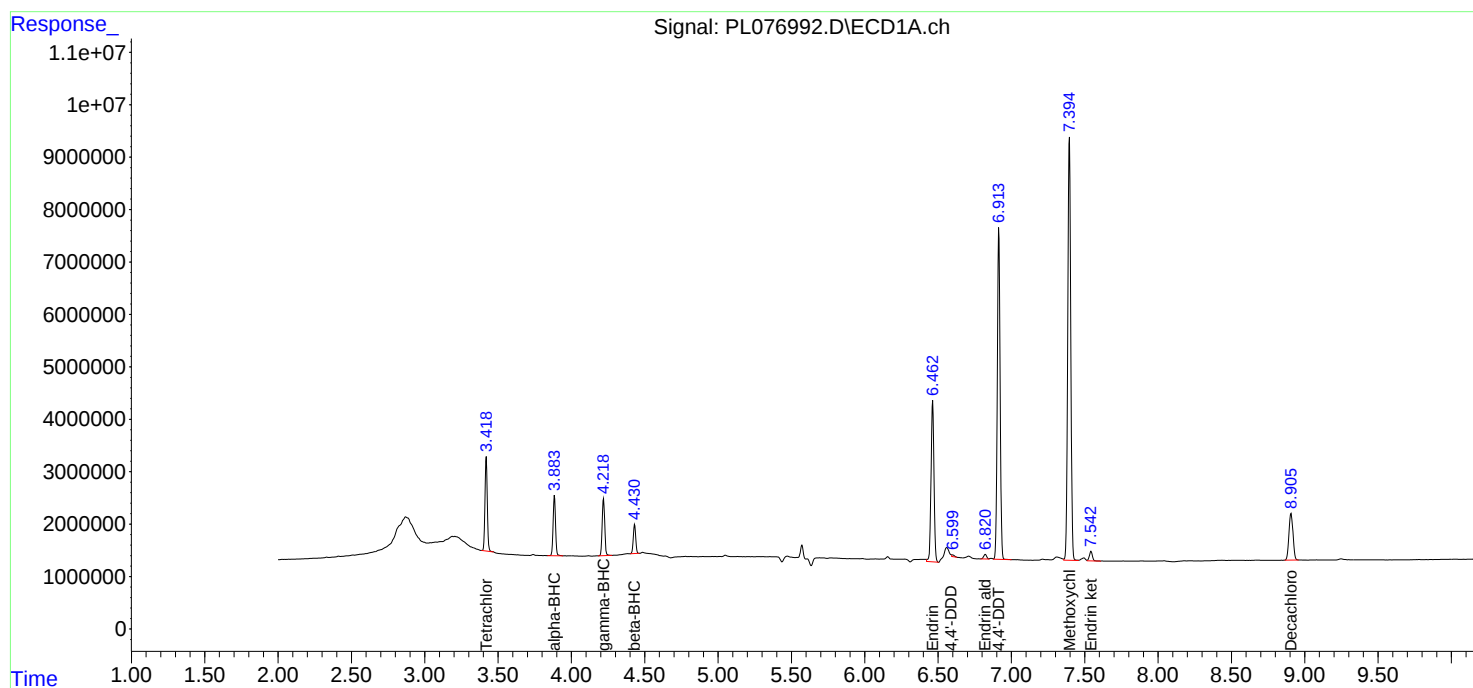
Instrument :
ECD_L
ClientSampleId :
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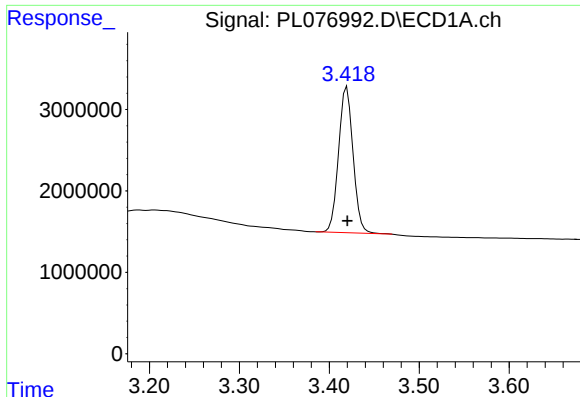
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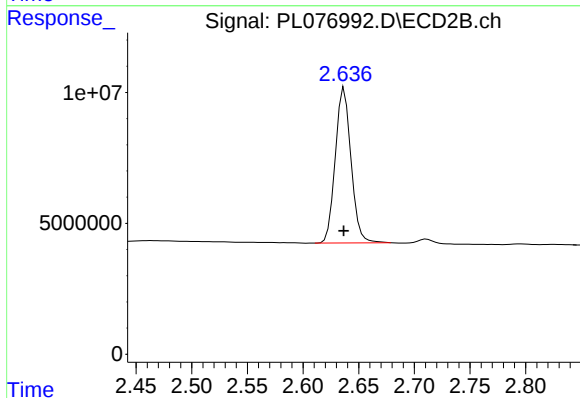
#1 Tetrachloro-m-xylene

R.T.: 3.420 min
Delta R.T.: 0.000 min
Response: 20023887
Conc: 20.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

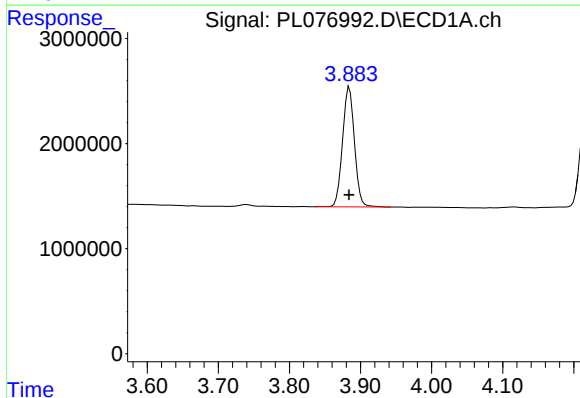
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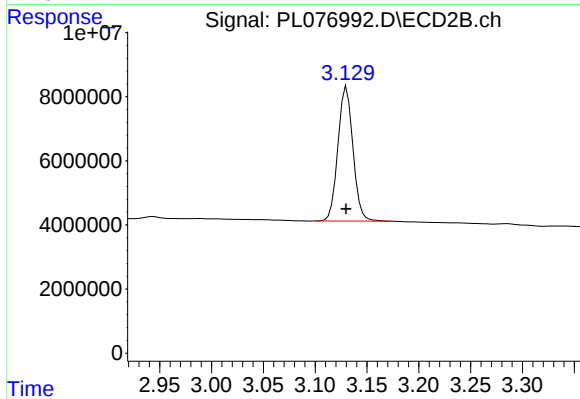
#1 Tetrachloro-m-xylene

R.T.: 2.637 min
Delta R.T.: 0.000 min
Response: 58378603
Conc: 20.39 ng/ml



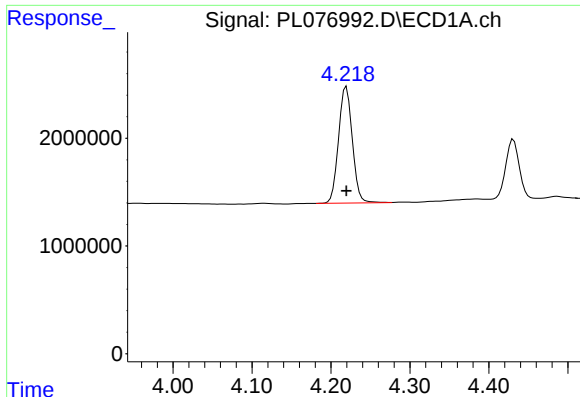
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: 0.000 min
Response: 13308755
Conc: 9.61 ng/ml



#2 alpha-BHC

R.T.: 3.130 min
Delta R.T.: 0.000 min
Response: 42456223
Conc: 10.01 ng/ml



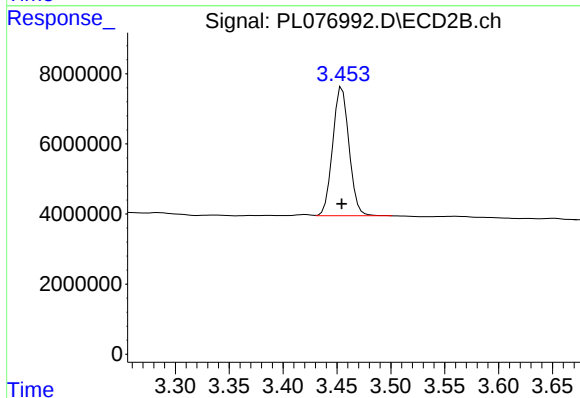
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 13073765
Conc: 10.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

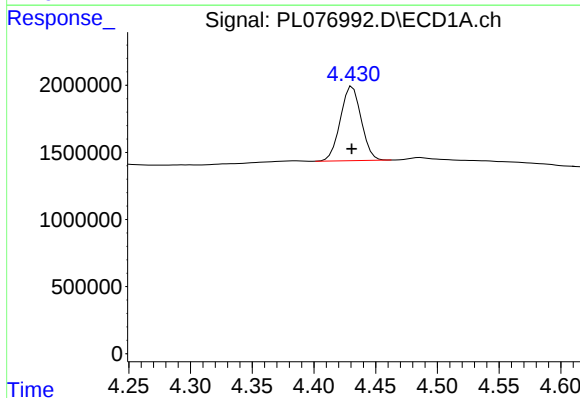
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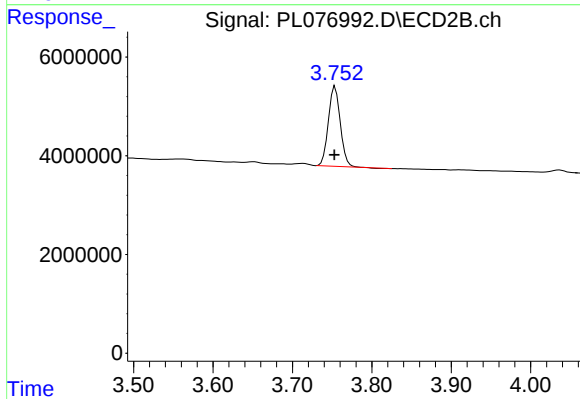
#3 gamma-BHC (Lindane)

R.T.: 3.455 min
Delta R.T.: 0.000 min
Response: 38539815
Conc: 10.10 ng/ml



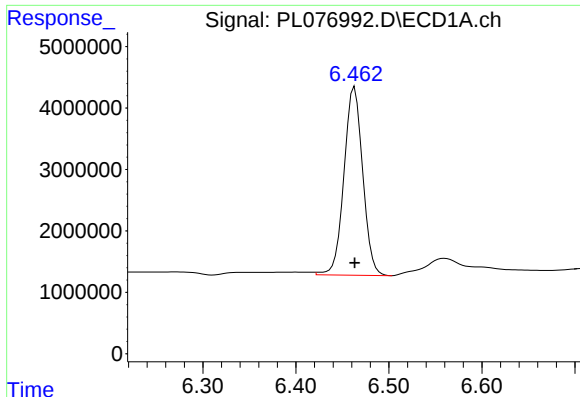
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.000 min
Response: 6498815
Conc: 11.58 ng/ml



#6 beta-BHC

R.T.: 3.754 min
Delta R.T.: 0.001 min
Response: 16843885
Conc: 10.78 ng/ml



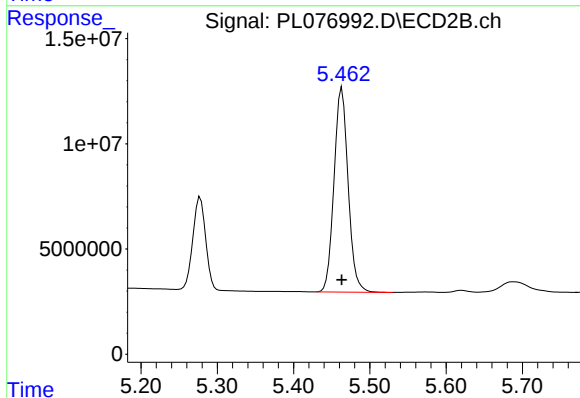
#14 Endrin

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 42807005
Conc: 52.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

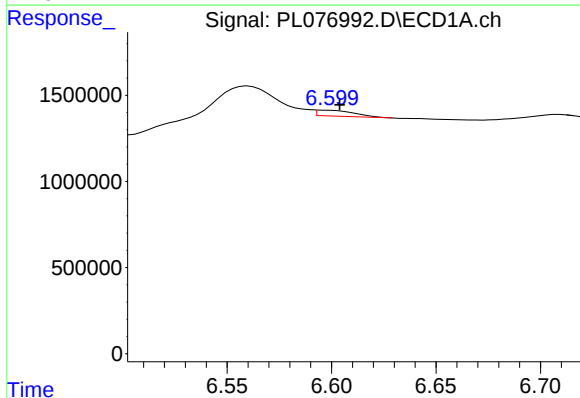
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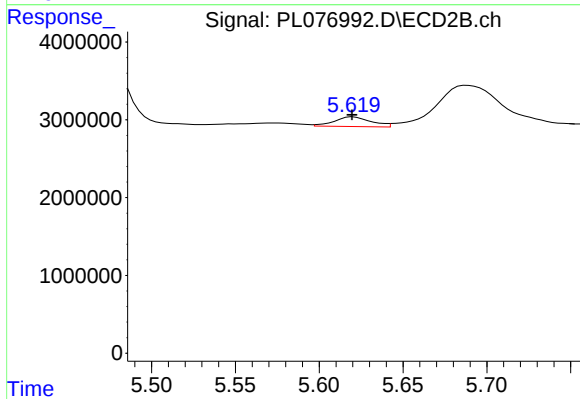
#14 Endrin

R.T.: 5.463 min
Delta R.T.: 0.000 min
Response: 124369622
Conc: 48.96 ng/ml



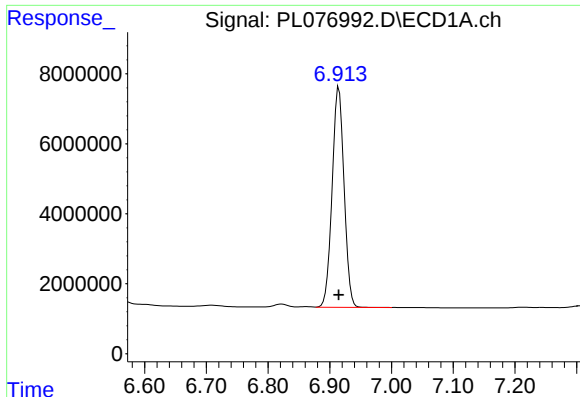
#16 4,4'-DDD

R.T.: 6.599 min
Delta R.T.: -0.005 min
Response: 407600
Conc: 0.54 ng/ml m



#16 4,4'-DDD

R.T.: 5.620 min
Delta R.T.: 0.000 min
Response: 1920414
Conc: 0.85 ng/ml



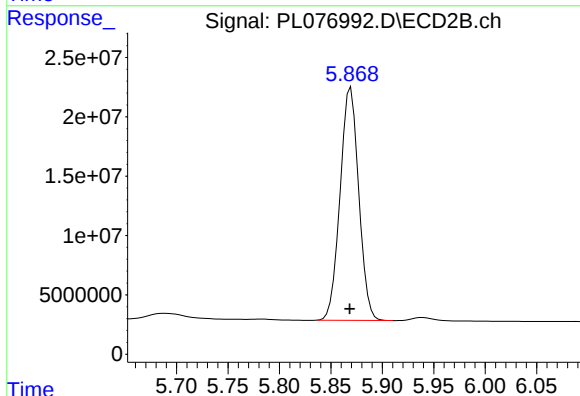
#17 4,4'-DDT

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 84697848
Conc: 110.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

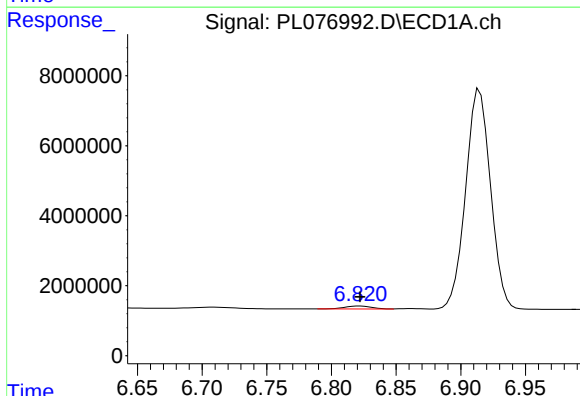
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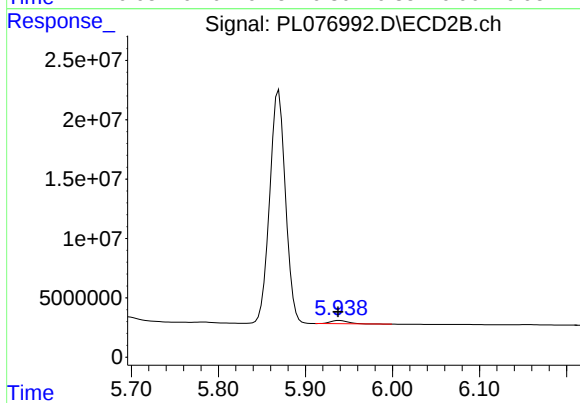
#17 4,4'-DDT

R.T.: 5.869 min
Delta R.T.: 0.001 min
Response: 247491005
Conc: 109.18 ng/ml



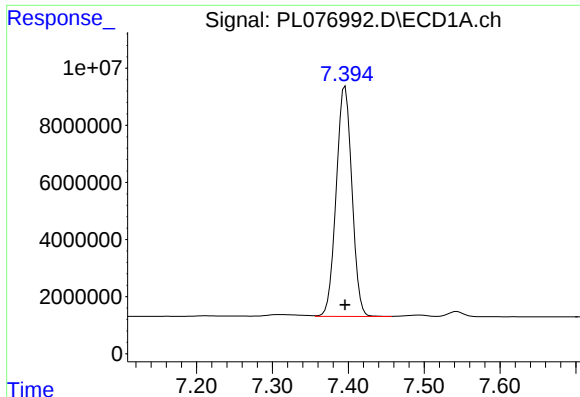
#18 Endrin aldehyde

R.T.: 6.822 min
Delta R.T.: 0.000 min
Response: 1262535
Conc: 1.75 ng/ml



#18 Endrin aldehyde

R.T.: 5.939 min
Delta R.T.: 0.002 min
Response: 3843683
Conc: 1.95 ng/ml



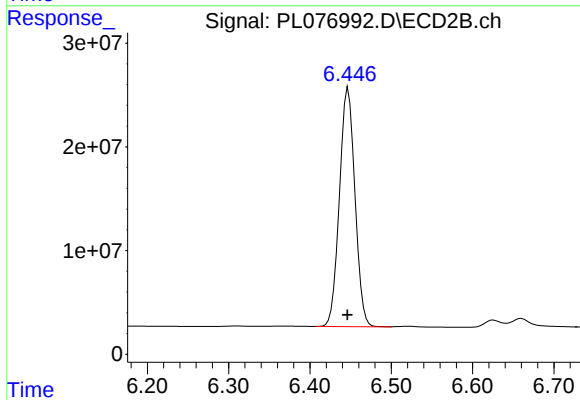
#20 Methoxychlor

R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 115966554
Conc: 261.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

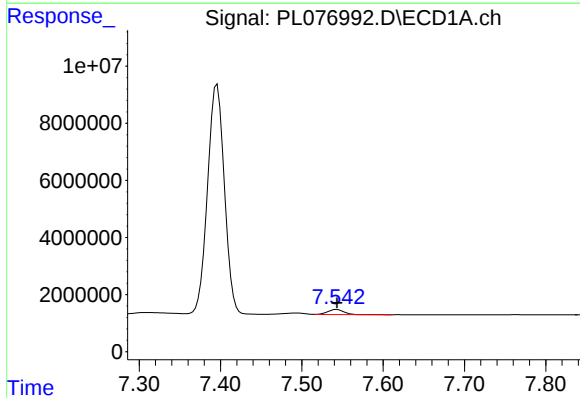
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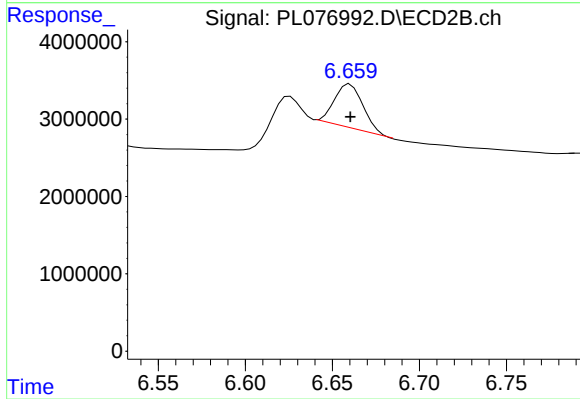
#20 Methoxychlor

R.T.: 6.447 min
Delta R.T.: 0.000 min
Response: 304324410
Conc: 253.01 ng/ml



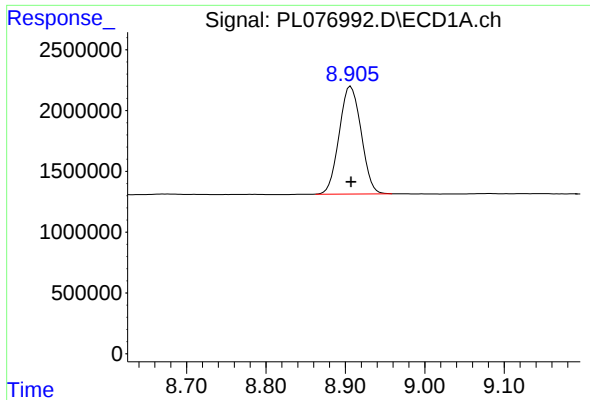
#21 Endrin ketone

R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 2519872
Conc: 2.78 ng/ml



#21 Endrin ketone

R.T.: 6.659 min
Delta R.T.: -0.001 min
Response: 6294264
Conc: 2.47 ng/ml m



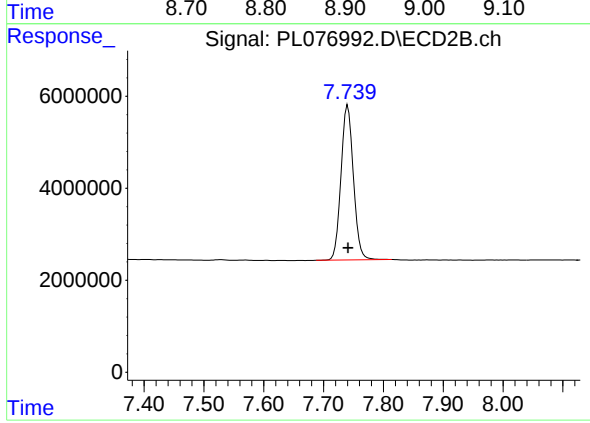
#28 Decachlorobiphenyl

R.T.: 8.907 min
Delta R.T.: 0.000 min
Response: 17036300
Conc: 22.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 48502500
Conc: 21.55 ng/ml