

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091622\
 Data File : PL077814.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Sep 2022 18:34
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/19/2022
 Supervised By : Ankita Jodhani 09/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 19:21:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 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...	3.414	2.624	36450654	68813635	22.739	23.179
28)	SA Decachlor...	8.902	7.720	29598800	53819942	22.902	21.440
Target Compounds							
2)	A alpha-BHC	3.879	3.116	25239635	52156871	10.636	11.501
3)	MA gamma-BHC...	4.215	3.440	24081599	45910855	10.885	11.369
6)	B beta-BHC	4.427	3.740	11637040	18824054	11.974	11.307
14)	MA Endrin	6.459	5.445	74487255	159.9E6	53.859	56.065
16)	A 4,4'-DDD	6.600	5.603	6169471	14505552	5.269	5.599
17)	MA 4,4'-DDT	6.911	5.851	129.8E6	262.8E6	102.474	99.735
18)	B Endrin al...	6.818	5.922	1756058	4383548	1.661	2.124 #
20)	A Methoxychlor	7.393	6.428	173.1E6	336.8E6	262.081	245.959
21)	B Endrin ke...	7.539	6.640	5258668	16786218	3.806	5.543m#

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

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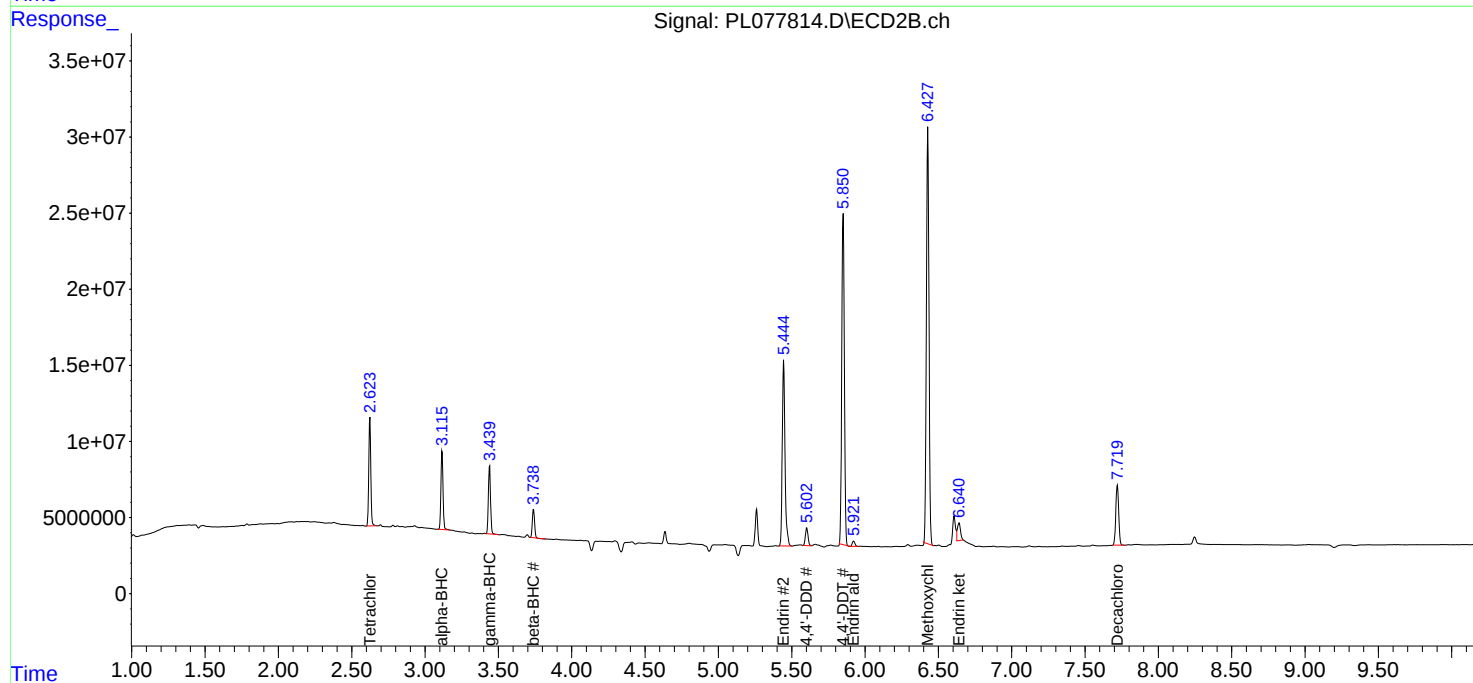
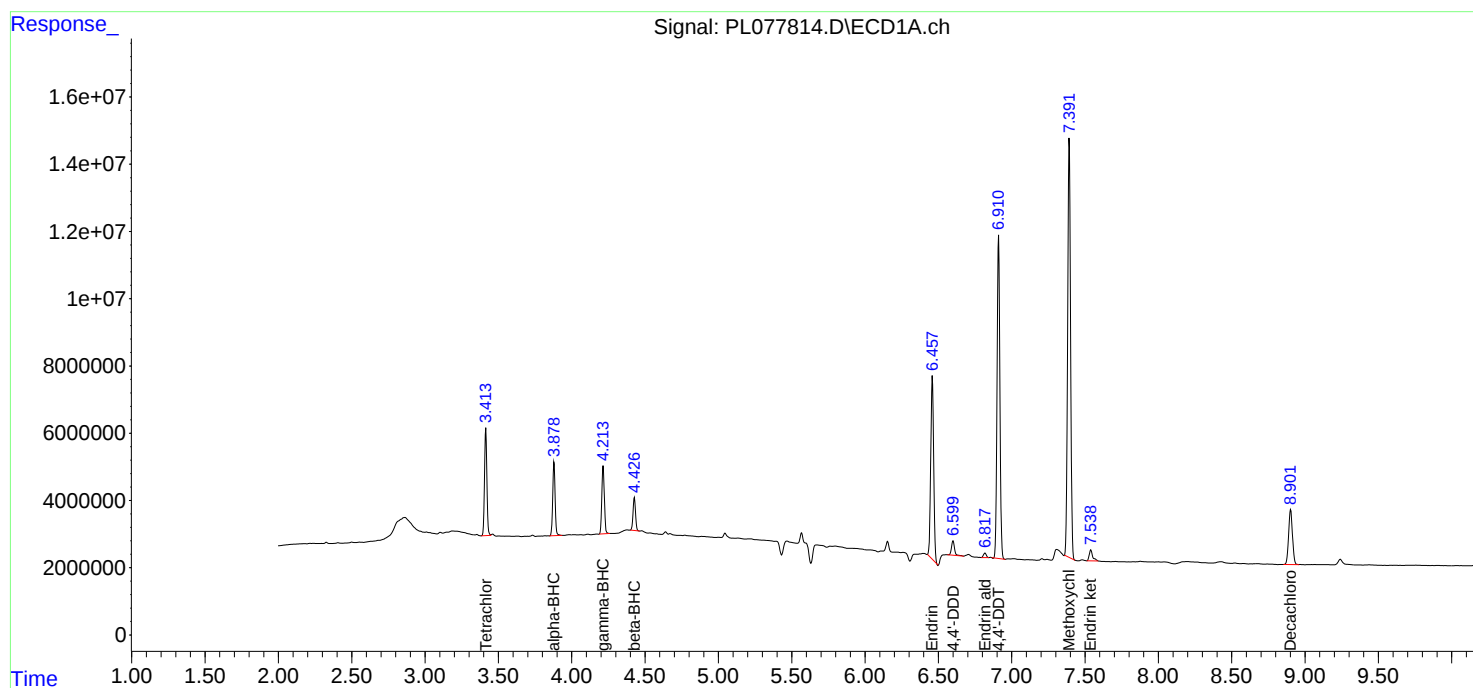
Instrument :
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ClientSampleId :
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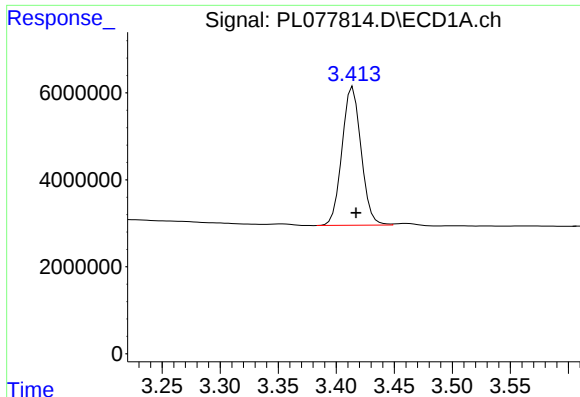
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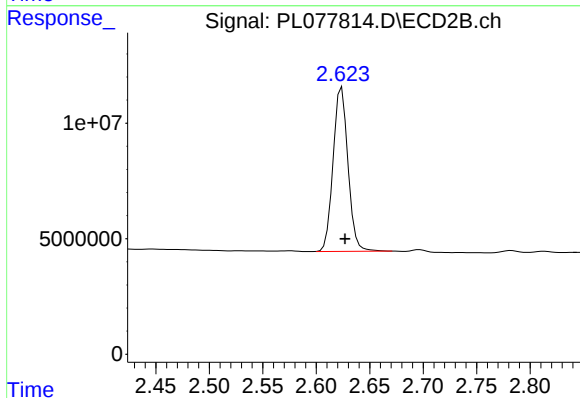
#1 Tetrachloro-m-xylene

R.T.: 3.414 min
Delta R.T.: -0.003 min
Response: 36450654
Conc: 22.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

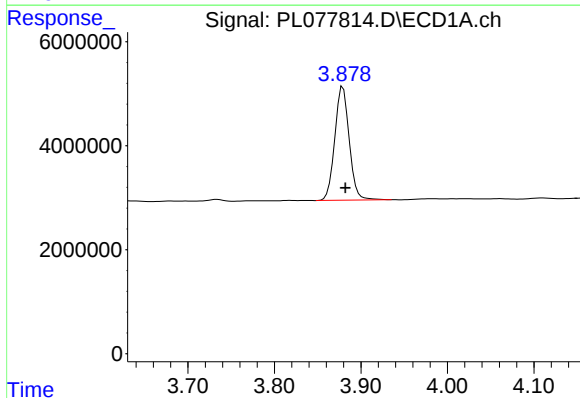
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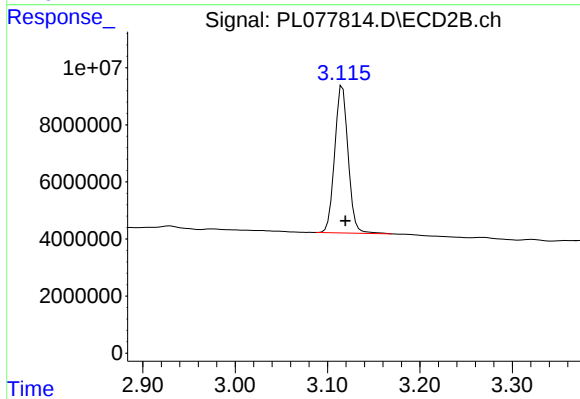
#1 Tetrachloro-m-xylene

R.T.: 2.624 min
Delta R.T.: -0.003 min
Response: 68813635
Conc: 23.18 ng/ml



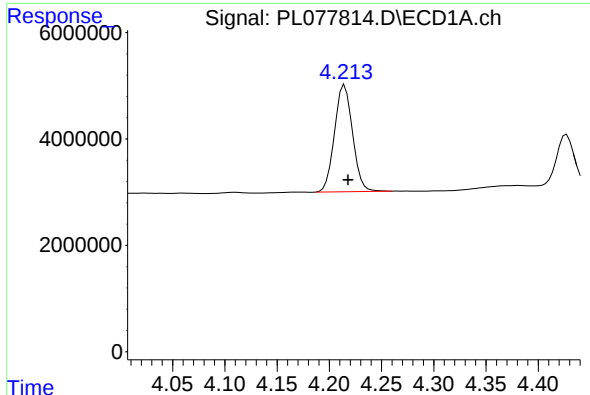
#2 alpha-BHC

R.T.: 3.879 min
Delta R.T.: -0.003 min
Response: 25239635
Conc: 10.64 ng/ml



#2 alpha-BHC

R.T.: 3.116 min
Delta R.T.: -0.003 min
Response: 52156871
Conc: 11.50 ng/ml



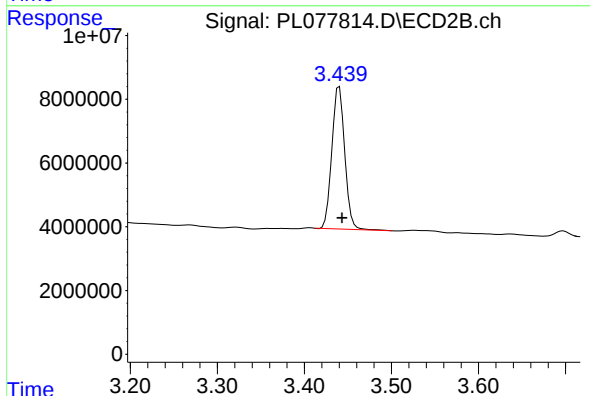
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: -0.003 min
Response: 24081599
Conc: 10.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

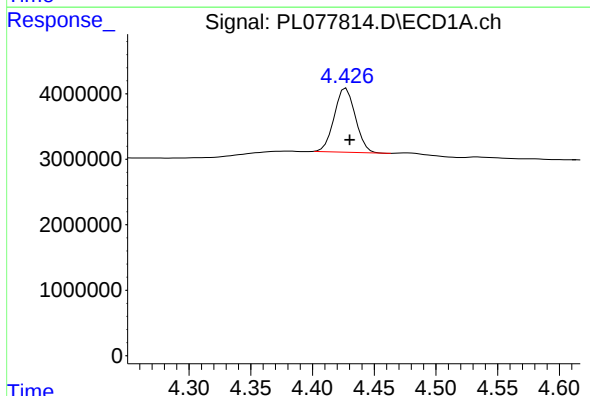
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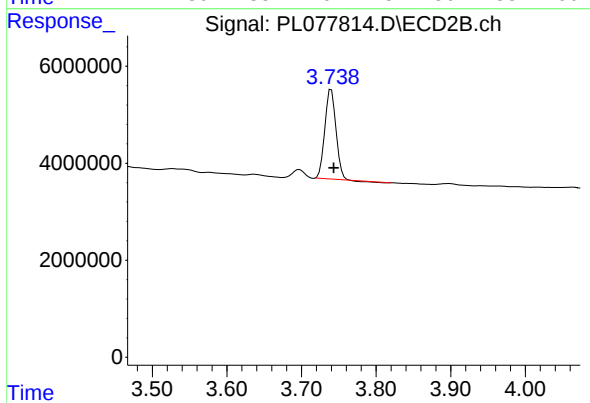
#3 gamma-BHC (Lindane)

R.T.: 3.440 min
Delta R.T.: -0.003 min
Response: 45910855
Conc: 11.37 ng/ml



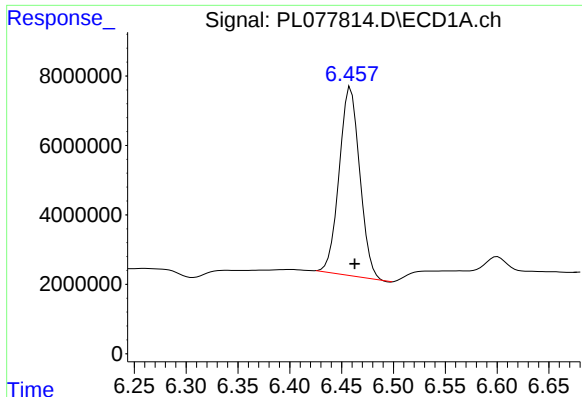
#6 beta-BHC

R.T.: 4.427 min
Delta R.T.: -0.003 min
Response: 11637040
Conc: 11.97 ng/ml



#6 beta-BHC

R.T.: 3.740 min
Delta R.T.: -0.004 min
Response: 18824054
Conc: 11.31 ng/ml



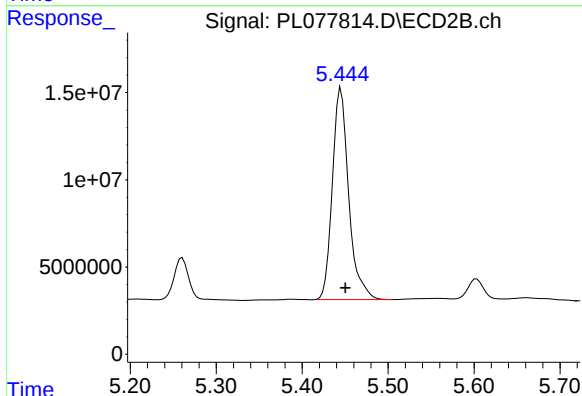
#14 Endrin

R.T.: 6.459 min
Delta R.T.: -0.004 min
Response: 74487255
Conc: 53.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

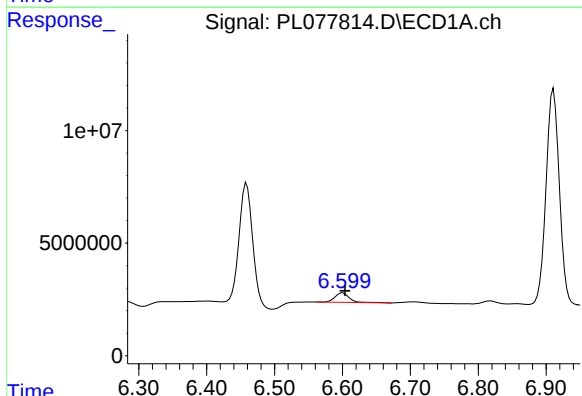
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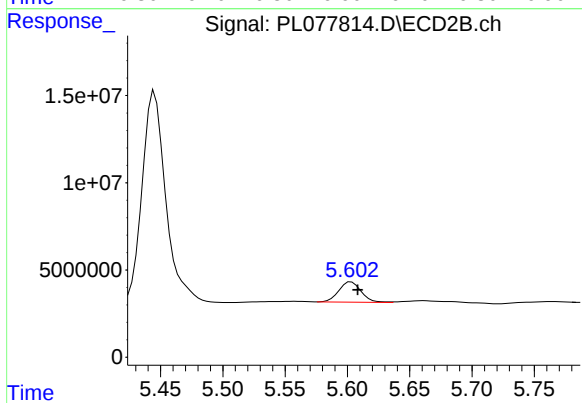
#14 Endrin

R.T.: 5.445 min
Delta R.T.: -0.005 min
Response: 159868071
Conc: 56.06 ng/ml



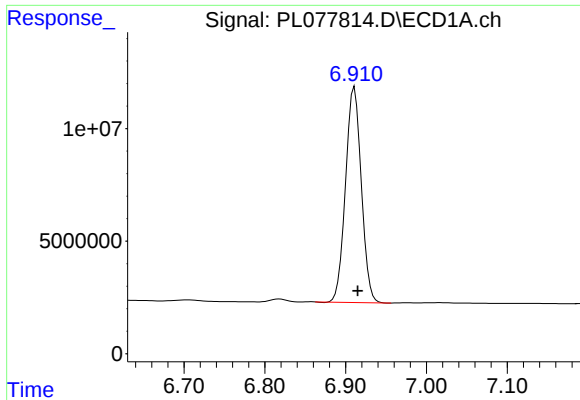
#16 4,4'-DDD

R.T.: 6.600 min
Delta R.T.: -0.003 min
Response: 6169471
Conc: 5.27 ng/ml



#16 4,4'-DDD

R.T.: 5.603 min
Delta R.T.: -0.005 min
Response: 14505552
Conc: 5.60 ng/ml



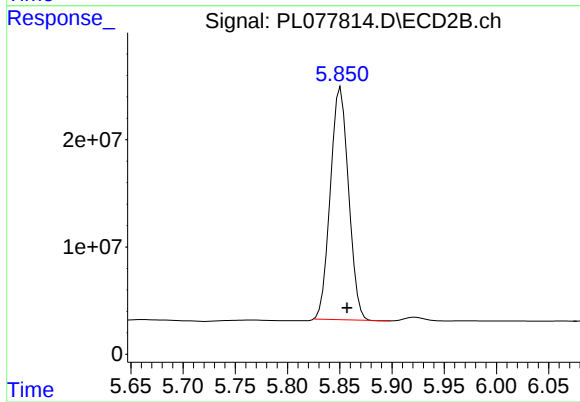
#17 4,4'-DDT

R.T.: 6.911 min
Delta R.T.: -0.004 min
Response: 129848145
Conc: 102.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

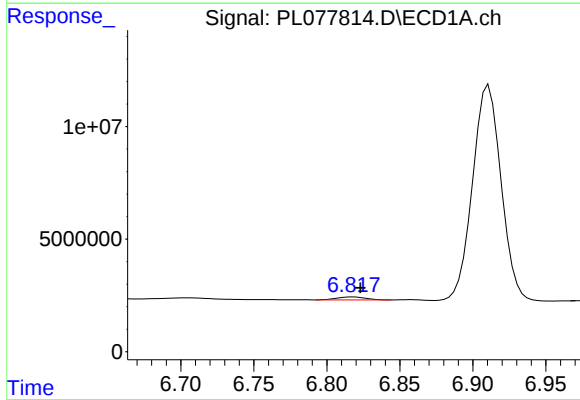
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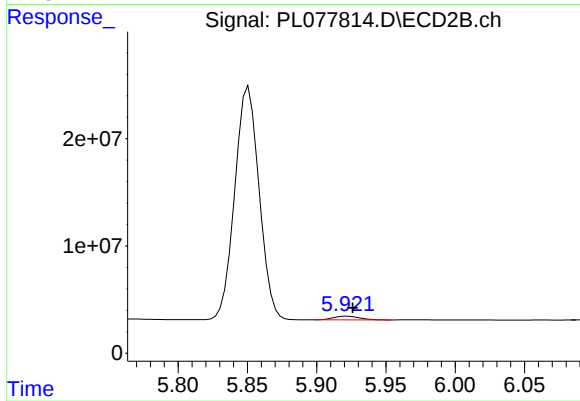
#17 4,4'-DDT

R.T.: 5.851 min
Delta R.T.: -0.006 min
Response: 262782354
Conc: 99.74 ng/ml



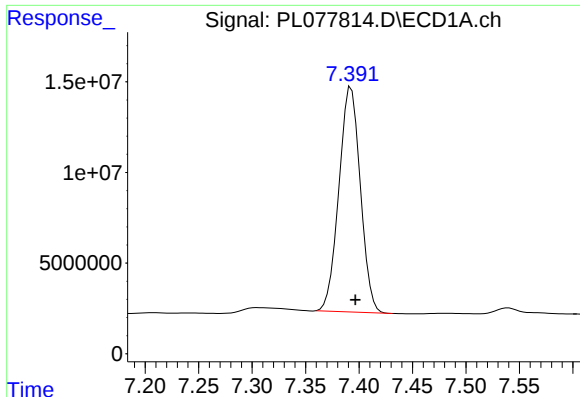
#18 Endrin aldehyde

R.T.: 6.818 min
Delta R.T.: -0.005 min
Response: 1756058
Conc: 1.66 ng/ml



#18 Endrin aldehyde

R.T.: 5.922 min
Delta R.T.: -0.004 min
Response: 4383548
Conc: 2.12 ng/ml



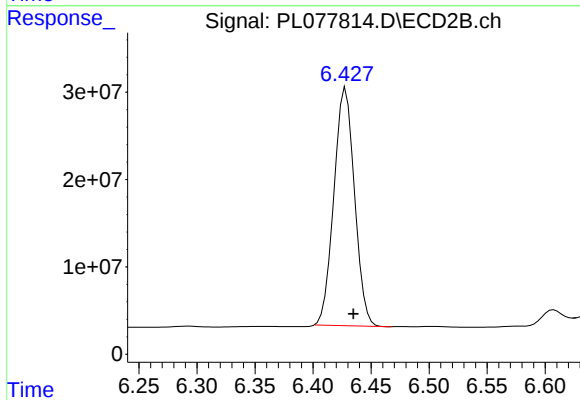
#20 Methoxychlor

R.T.: 7.393 min
Delta R.T.: -0.004 min
Response: 173091818
Conc: 262.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

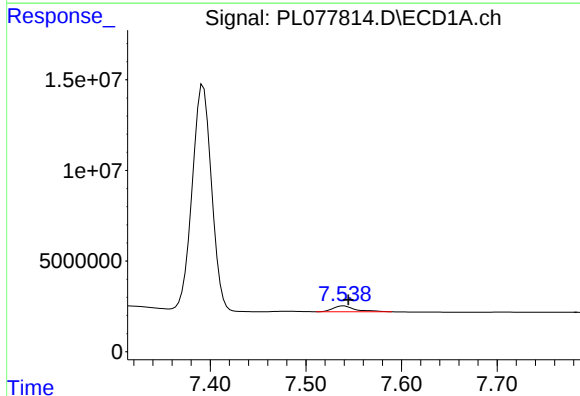
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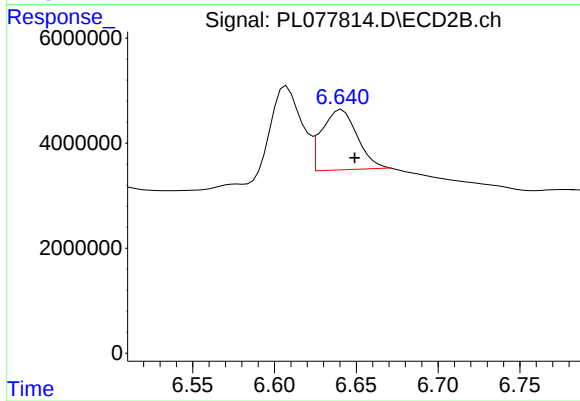
#20 Methoxychlor

R.T.: 6.428 min
Delta R.T.: -0.007 min
Response: 336823008
Conc: 245.96 ng/ml



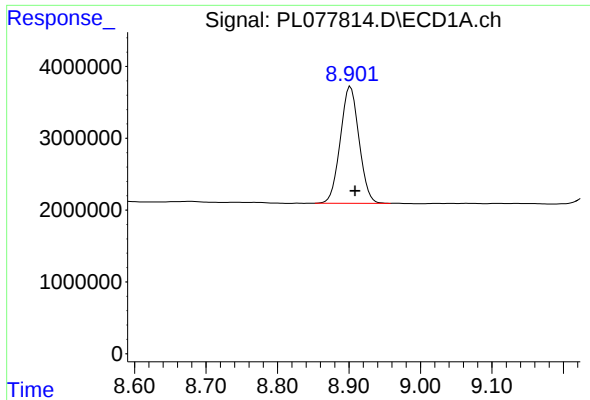
#21 Endrin ketone

R.T.: 7.539 min
Delta R.T.: -0.005 min
Response: 5258668
Conc: 3.81 ng/ml



#21 Endrin ketone

R.T.: 6.640 min
Delta R.T.: -0.009 min
Response: 16786218
Conc: 5.54 ng/ml m



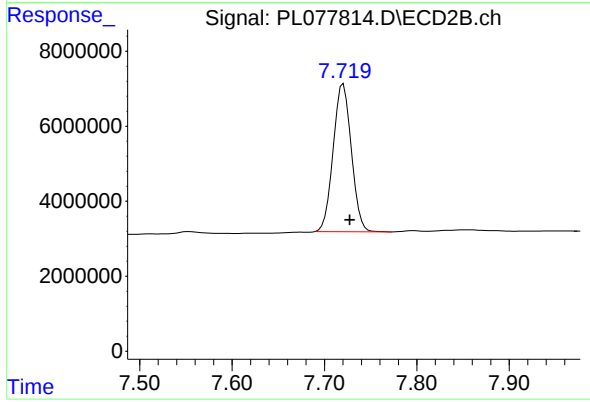
#28 Decachlorobiphenyl

R.T.: 8.902 min
Delta R.T.: -0.006 min
Response: 29598800
Conc: 22.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.720 min
Delta R.T.: -0.007 min
Response: 53819942
Conc: 21.44 ng/ml