

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090222\
 Data File : PL077483.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Sep 2022 19:02
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/06/2022
 Supervised By :Ankita Jodhani 09/07/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 05:22:46 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090222.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 03 05:19:42 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...	3.416	2.629	29253081	58360700	21.252	21.937
28)	SA Decachlor...	8.902	7.727	25282494	52313531	22.089	22.168
Target Compounds							
2)	A alpha-BHC	3.880	3.121	19640709	43226654	9.781	10.747
3)	MA gamma-BHC...	4.215	3.445	18887256	38204672	9.990	10.899
6)	B beta-BHC	4.428	3.745	8547710	16972871	10.363	11.269
14)	MA Endrin	6.460	5.452	60903829	123.7E6	49.226	54.478
16)	A 4,4'-DDD	6.599	5.609	541420	1519664	0.526m	0.665 #
17)	MA 4,4'-DDT	6.911	5.857	119.4E6	263.3E6	101.599	113.558
18)	B Endrin al...	6.818	5.927	1388937	4024763	1.482	2.157 #
20)	A Methoxychlor	7.392	6.435	158.9E6	331.5E6	262.035	259.427
21)	B Endrin ke...	7.539	6.646	2999613	8564529	2.421	3.322m#

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

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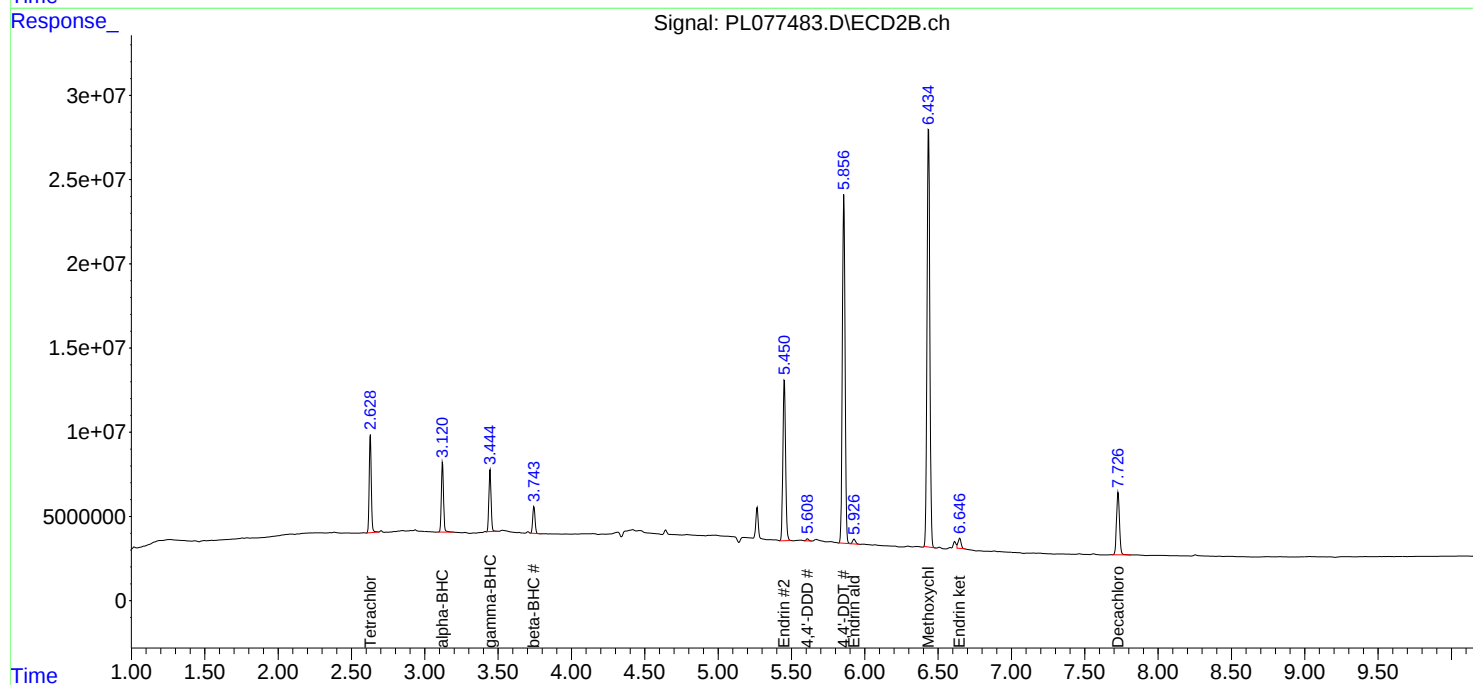
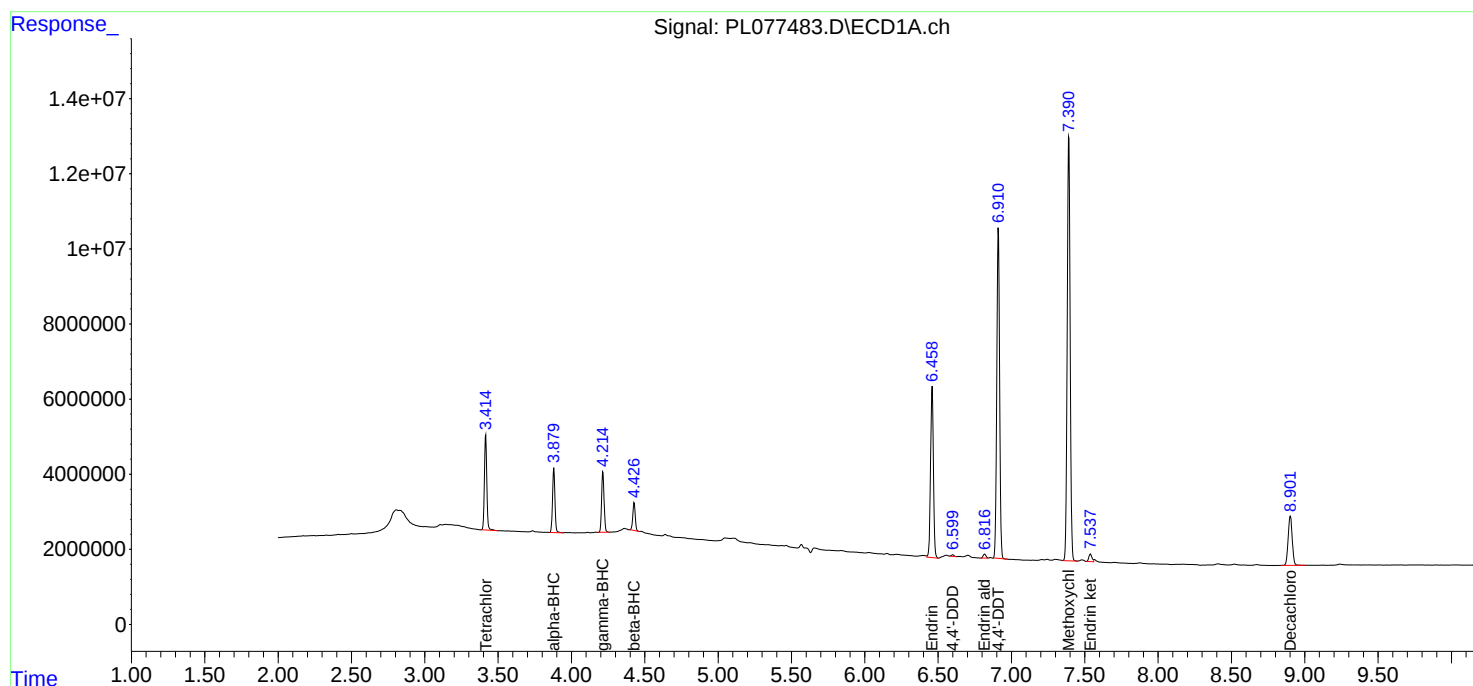
Instrument :
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PEM

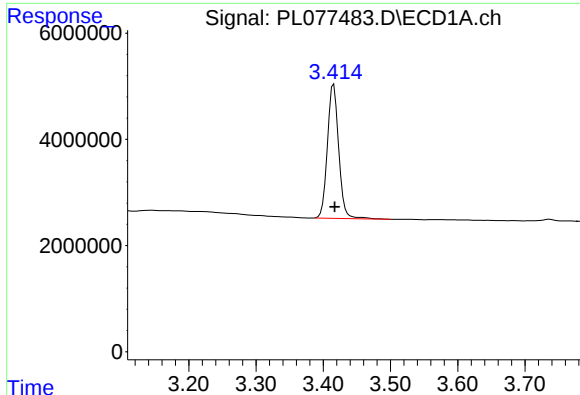
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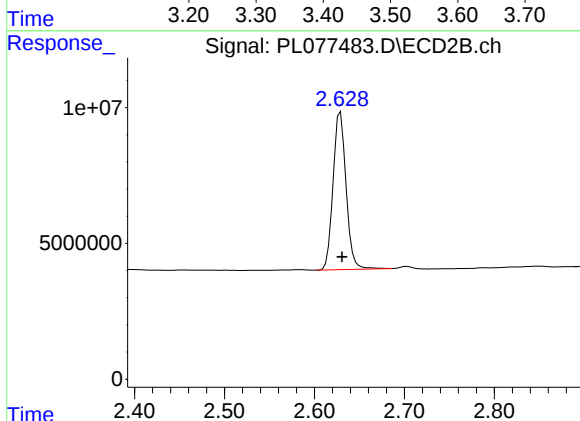
#1 Tetrachloro-m-xylene

R.T.: 3.416 min
Delta R.T.: -0.001 min
Response: 29253081
Conc: 21.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

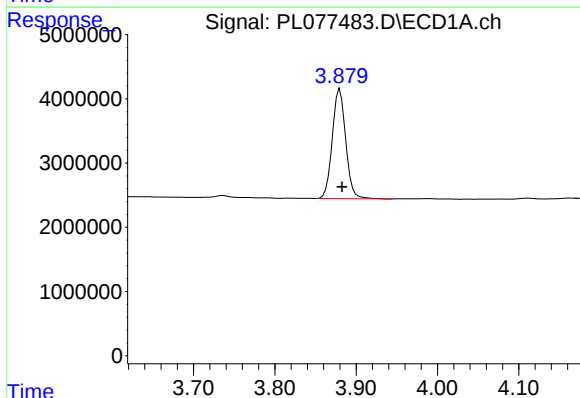
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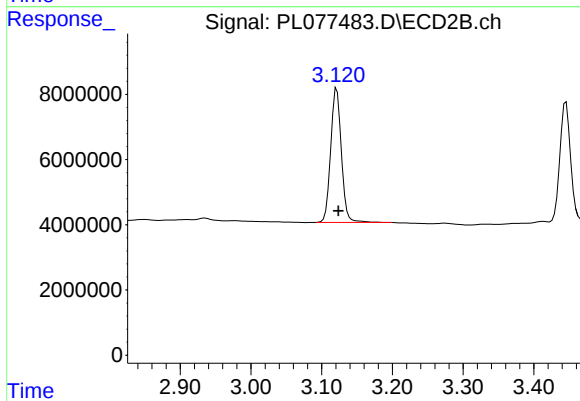
#1 Tetrachloro-m-xylene

R.T.: 2.629 min
Delta R.T.: -0.002 min
Response: 58360700
Conc: 21.94 ng/ml



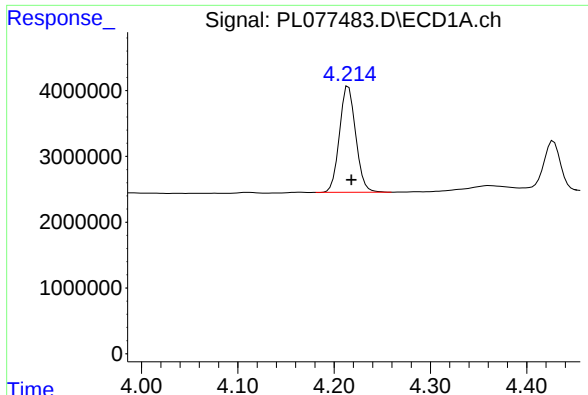
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.003 min
Response: 19640709
Conc: 9.78 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: -0.002 min
Response: 43226654
Conc: 10.75 ng/ml



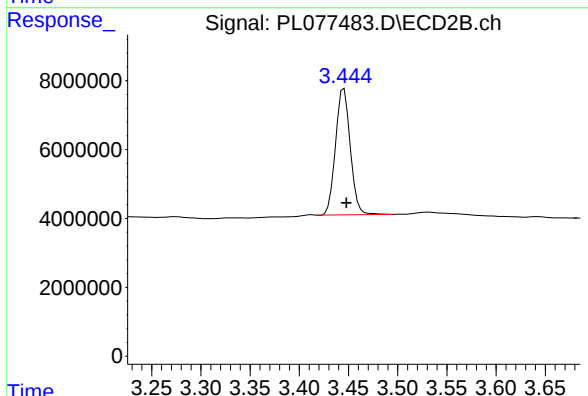
#3 gamma-BHC (Lindane)

R.T.: 4.215 min
Delta R.T.: -0.003 min
Response: 18887256
Conc: 9.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

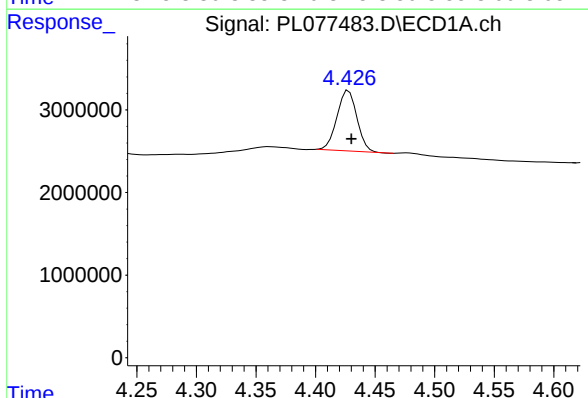
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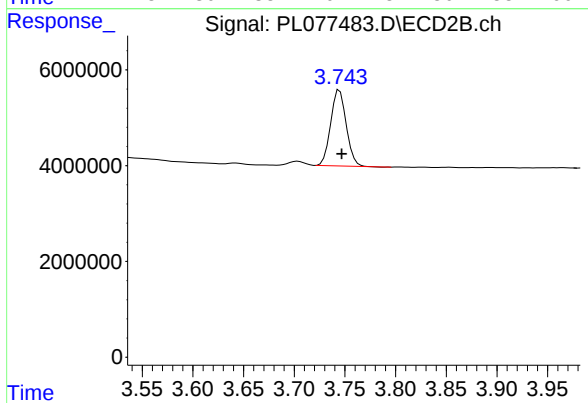
#3 gamma-BHC (Lindane)

R.T.: 3.445 min
Delta R.T.: -0.002 min
Response: 38204672
Conc: 10.90 ng/ml



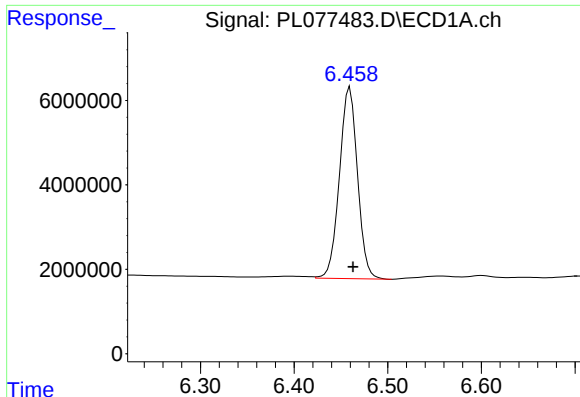
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: -0.002 min
Response: 8547710
Conc: 10.36 ng/ml



#6 beta-BHC

R.T.: 3.745 min
Delta R.T.: -0.002 min
Response: 16972871
Conc: 11.27 ng/ml



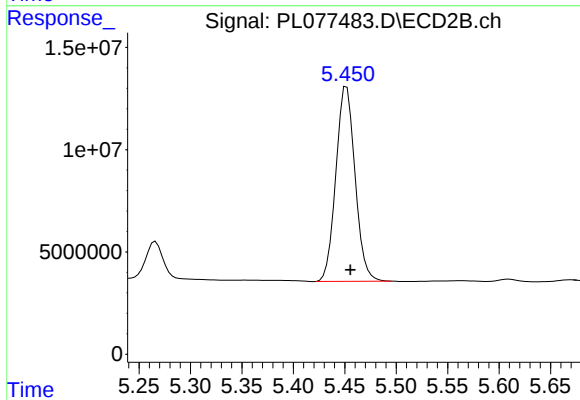
#14 Endrin

R.T.: 6.460 min
Delta R.T.: -0.003 min
Response: 60903829
Conc: 49.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

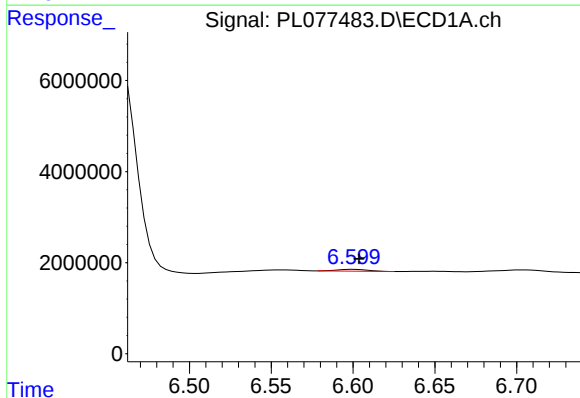
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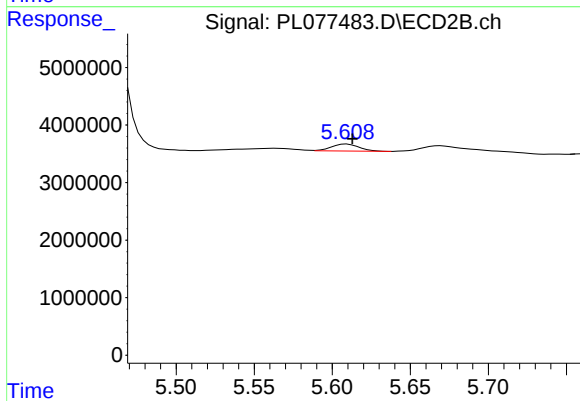
#14 Endrin

R.T.: 5.452 min
Delta R.T.: -0.004 min
Response: 123724673
Conc: 54.48 ng/ml



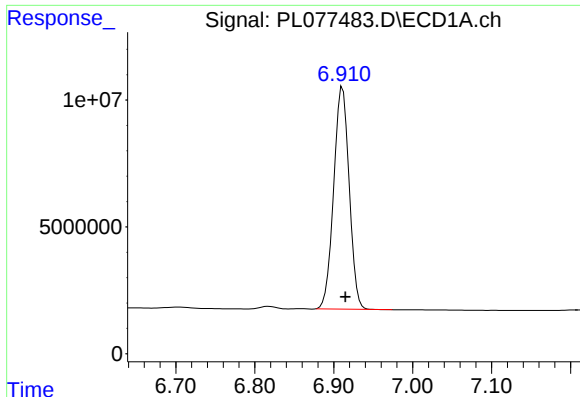
#16 4,4'-DDD

R.T.: 6.599 min
Delta R.T.: -0.005 min
Response: 541420
Conc: 0.53 ng/ml m



#16 4,4'-DDD

R.T.: 5.609 min
Delta R.T.: -0.003 min
Response: 1519664
Conc: 0.67 ng/ml



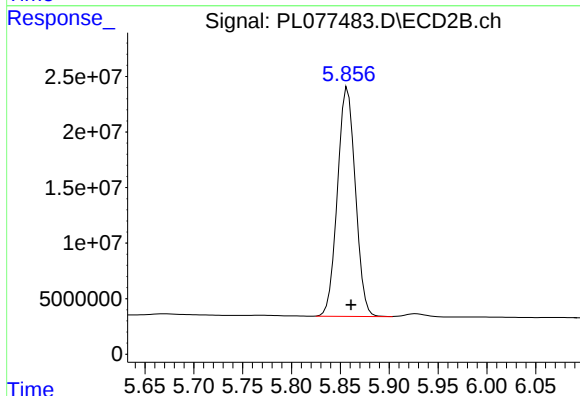
#17 4,4'-DDT

R.T.: 6.911 min
Delta R.T.: -0.004 min
Response: 119395353
Conc: 101.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

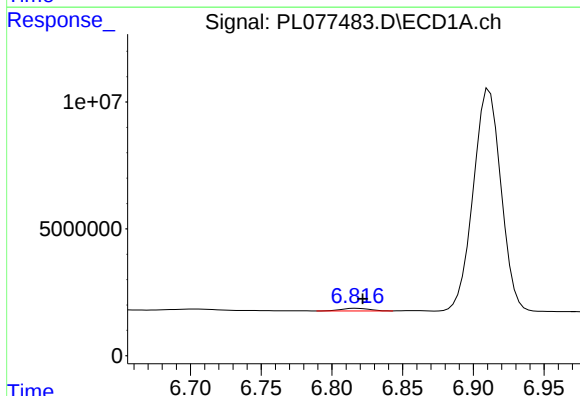
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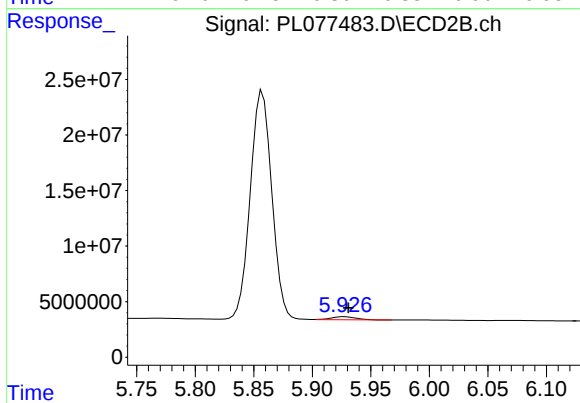
#17 4,4'-DDT

R.T.: 5.857 min
Delta R.T.: -0.004 min
Response: 263316006
Conc: 113.56 ng/ml



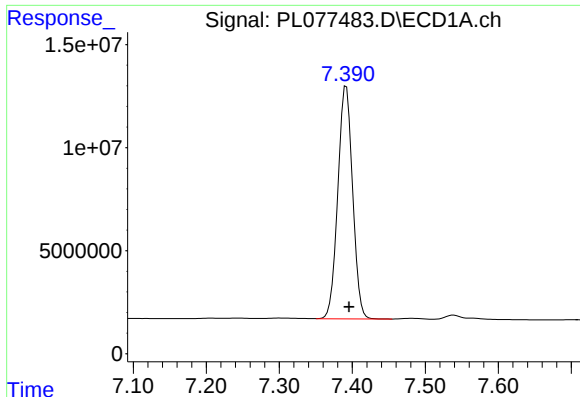
#18 Endrin aldehyde

R.T.: 6.818 min
Delta R.T.: -0.004 min
Response: 1388937
Conc: 1.48 ng/ml



#18 Endrin aldehyde

R.T.: 5.927 min
Delta R.T.: -0.003 min
Response: 4024763
Conc: 2.16 ng/ml



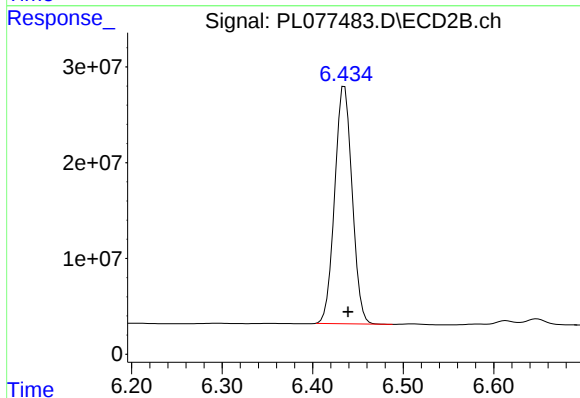
#20 Methoxychlor

R.T.: 7.392 min
Delta R.T.: -0.004 min
Response: 158897651
Conc: 262.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

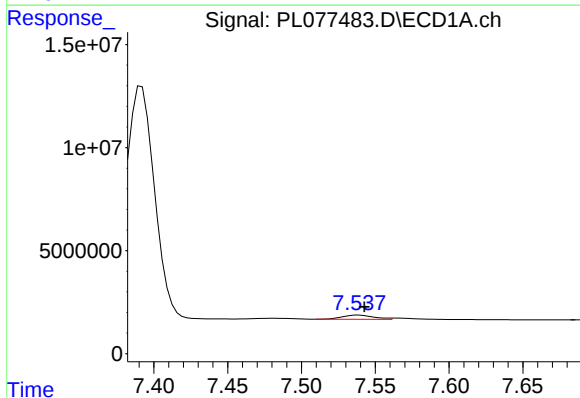
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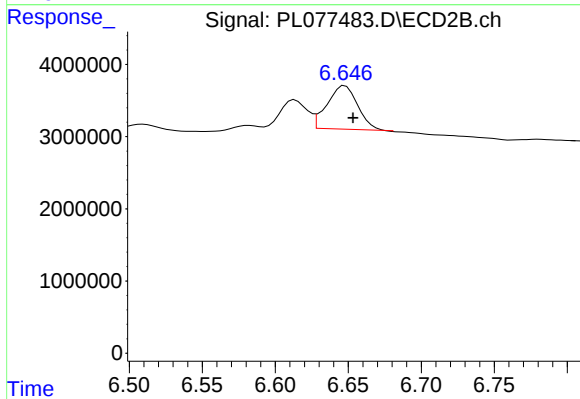
#20 Methoxychlor

R.T.: 6.435 min
Delta R.T.: -0.004 min
Response: 331524369
Conc: 259.43 ng/ml



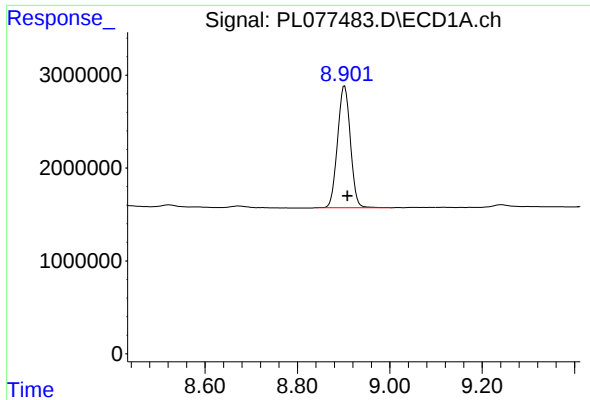
#21 Endrin ketone

R.T.: 7.539 min
Delta R.T.: -0.004 min
Response: 2999613
Conc: 2.42 ng/ml



#21 Endrin ketone

R.T.: 6.646 min
Delta R.T.: -0.007 min
Response: 8564529
Conc: 3.32 ng/ml m



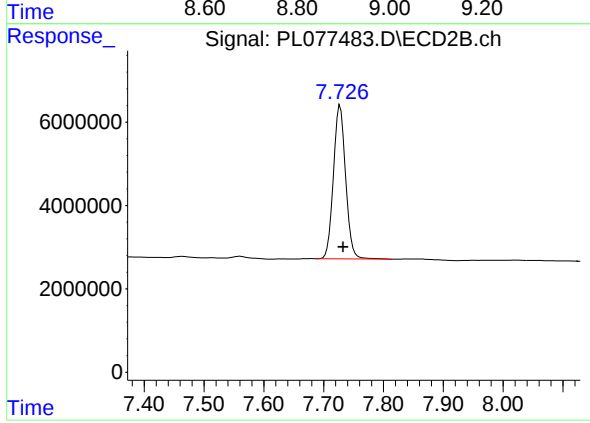
#28 Decachlorobiphenyl

R.T.: 8.902 min
Delta R.T.: -0.006 min
Response: 25282494
Conc: 22.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.727 min
Delta R.T.: -0.005 min
Response: 52313531
Conc: 22.17 ng/ml