

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090822\
 Data File : PL077594.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2022 10:14
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/14/2022
 Supervised By : Ankita Jodhani 09/14/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 08 16:25:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 14:34:08 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...	3.418	2.630	38359887	57255226	22.436	21.637
28)	SA Decachlor...	8.913	7.733	30246805	42673026	20.166	21.639
Target Compounds							
2)	A alpha-BHC	3.884	3.122	26238474	43826288	10.224	10.944
3)	MA gamma-BHC...	4.219	3.447	25608556	38964482	10.701	12.464
6)	B beta-BHC	4.432	3.746	11675594	16661774	11.380	11.642
14)	MA Endrin	6.465	5.454	77413665	124.9E6	51.130	60.583
16)	A 4,4'-DDD	6.606	5.611	1407965	3192417	1.066	1.550m#
17)	MA 4,4'-DDT	6.917	5.860	153.4E6	229.7E6	96.777	107.618
18)	B Endrin al...	6.825	5.931	1819930	3783071	1.560	2.175 #
20)	A Methoxychlor	7.399	6.438	194.8E6	283.2E6	245.610	240.977
21)	B Endrin ke...	7.545	6.651	4230271	7143105	2.740m	2.945m

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

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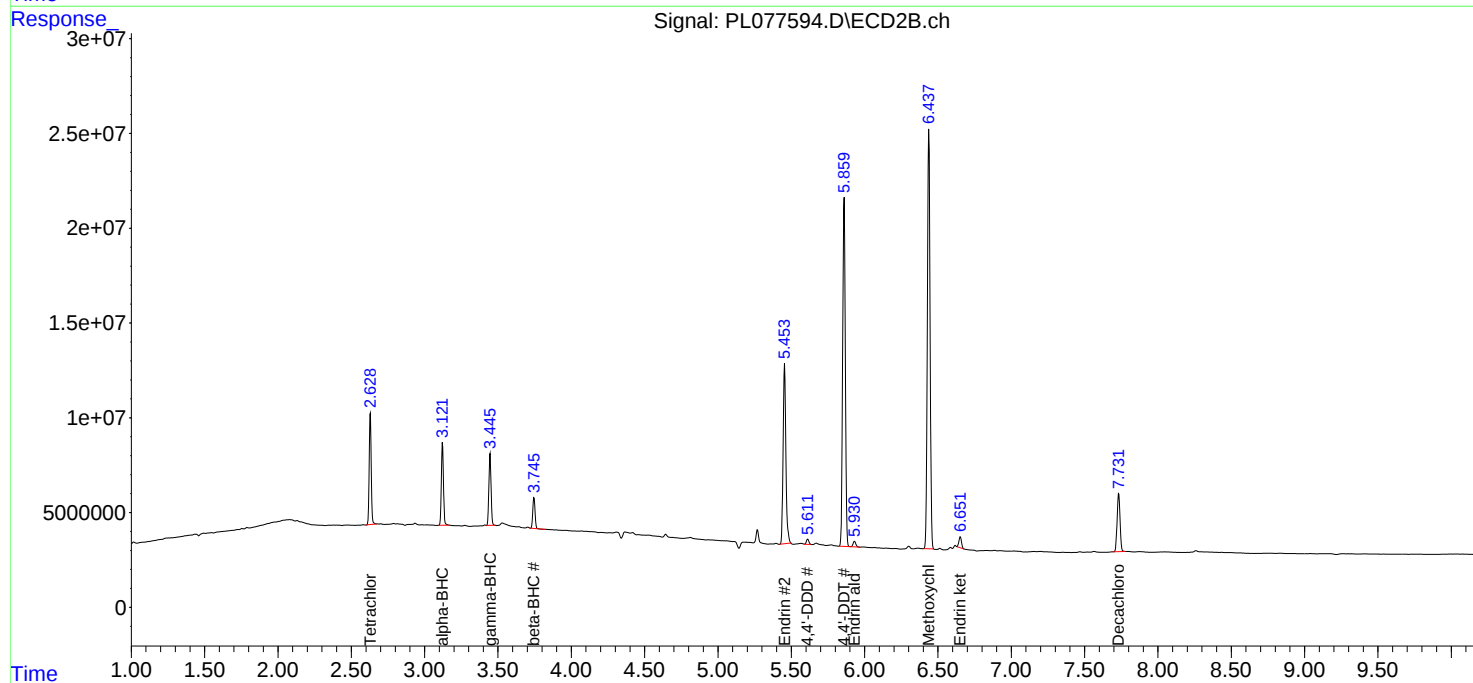
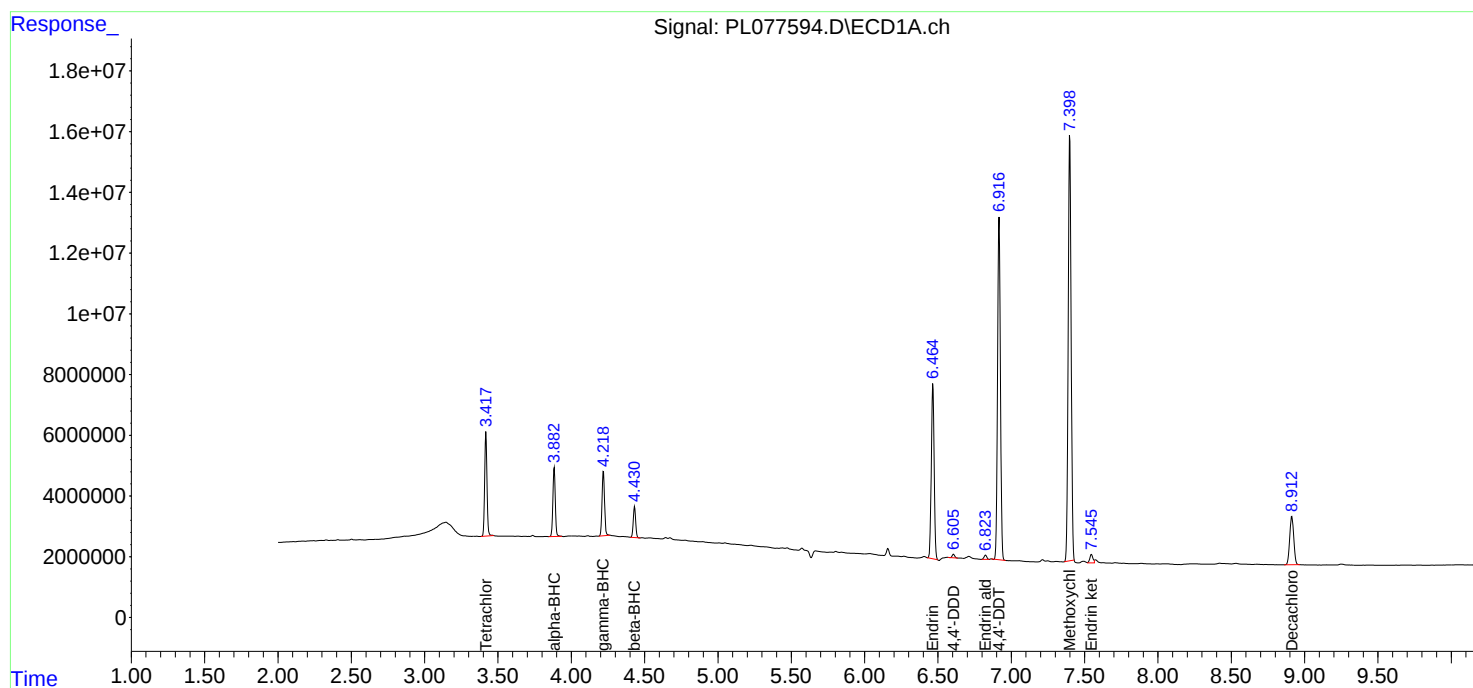
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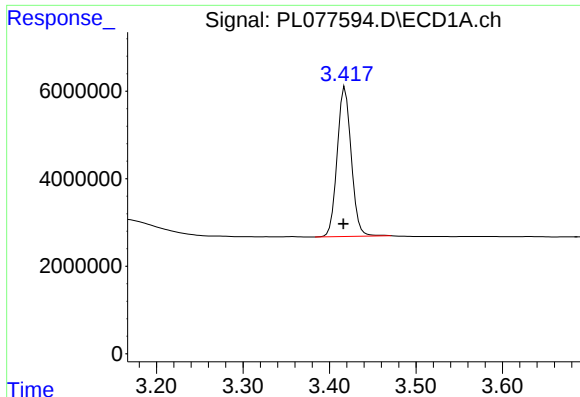
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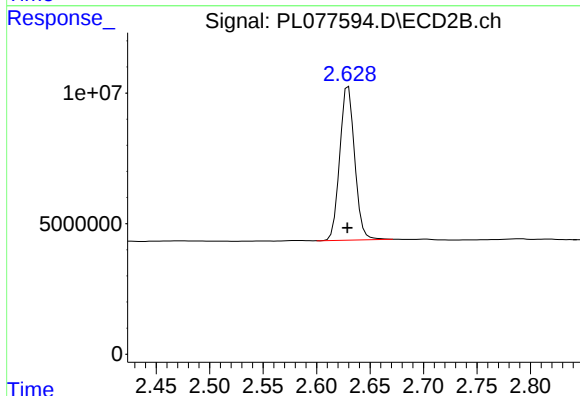
#1 Tetrachloro-m-xylene

R.T.: 3.418 min
Delta R.T.: 0.002 min
Response: 38359887
Conc: 22.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

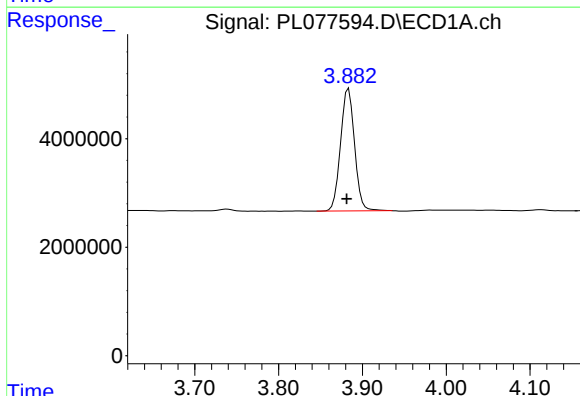
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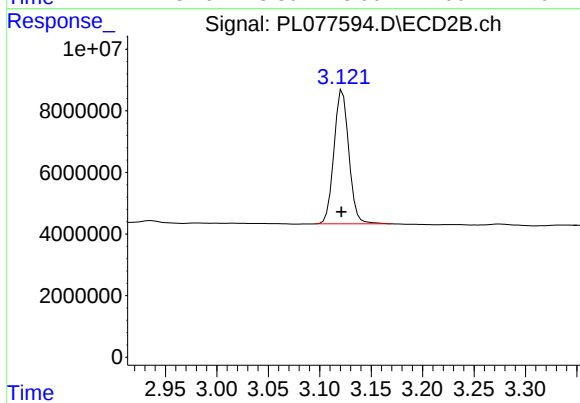
#1 Tetrachloro-m-xylene

R.T.: 2.630 min
Delta R.T.: 0.001 min
Response: 57255226
Conc: 21.64 ng/ml



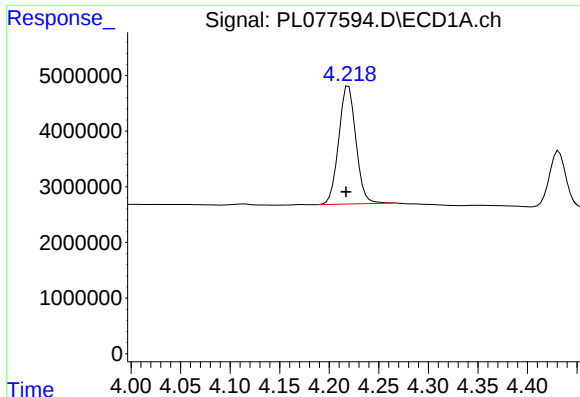
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: 0.002 min
Response: 26238474
Conc: 10.22 ng/ml



#2 alpha-BHC

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 43826288
Conc: 10.94 ng/ml



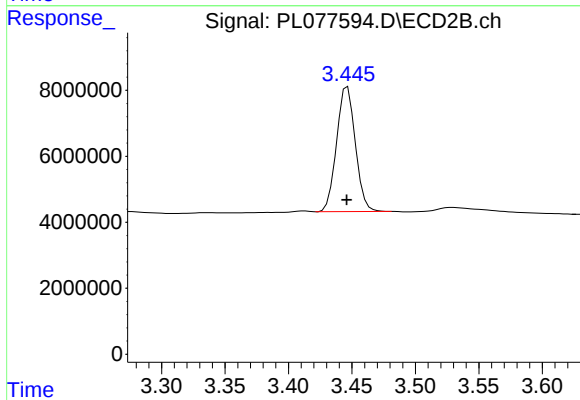
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.002 min
Response: 25608556
Conc: 10.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

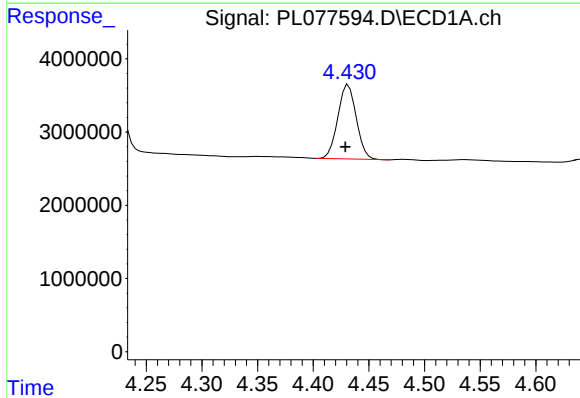
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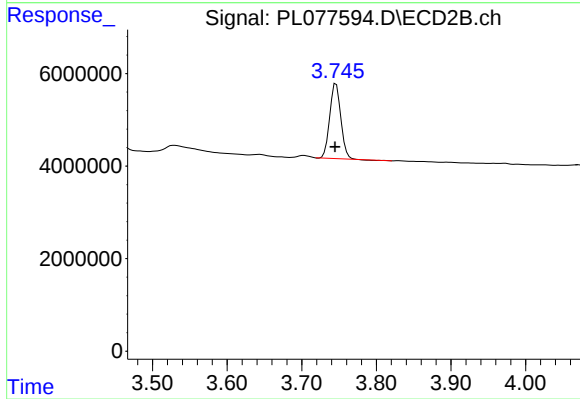
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: 0.000 min
Response: 38964482
Conc: 12.46 ng/ml



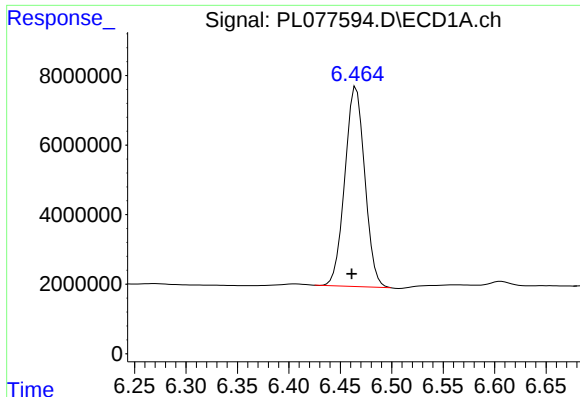
#6 beta-BHC

R.T.: 4.432 min
Delta R.T.: 0.003 min
Response: 11675594
Conc: 11.38 ng/ml



#6 beta-BHC

R.T.: 3.746 min
Delta R.T.: 0.001 min
Response: 16661774
Conc: 11.64 ng/ml



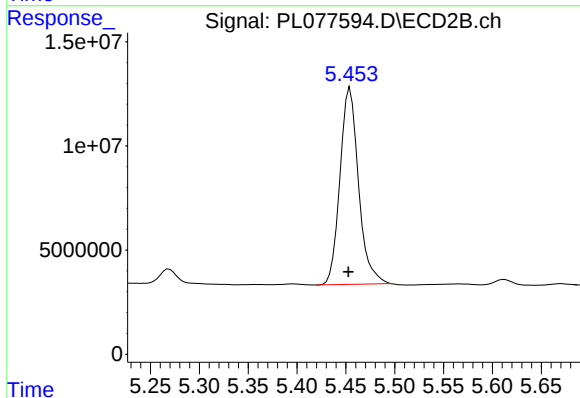
#14 Endrin

R.T.: 6.465 min
Delta R.T.: 0.004 min
Response: 77413665
Conc: 51.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

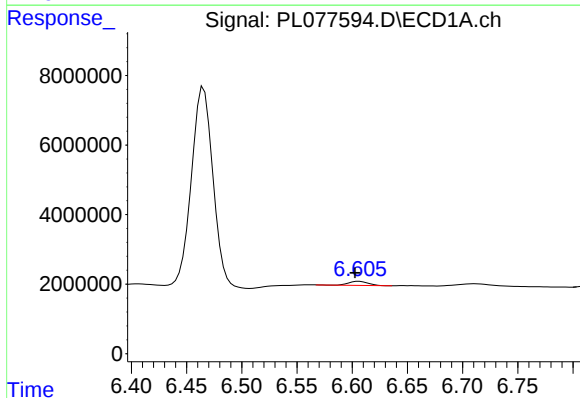
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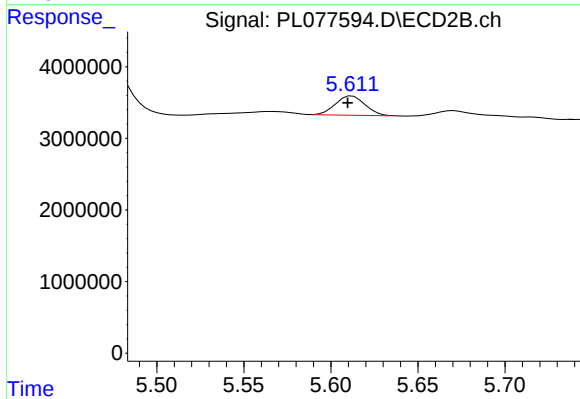
#14 Endrin

R.T.: 5.454 min
Delta R.T.: 0.002 min
Response: 124885213
Conc: 60.58 ng/ml



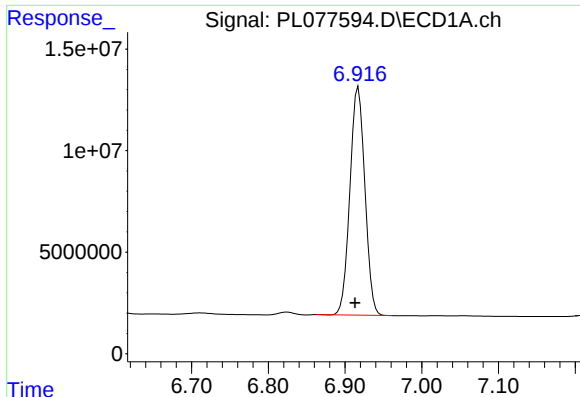
#16 4,4'-DDD

R.T.: 6.606 min
Delta R.T.: 0.004 min
Response: 1407965
Conc: 1.07 ng/ml



#16 4,4'-DDD

R.T.: 5.611 min
Delta R.T.: 0.001 min
Response: 3192417
Conc: 1.55 ng/ml m



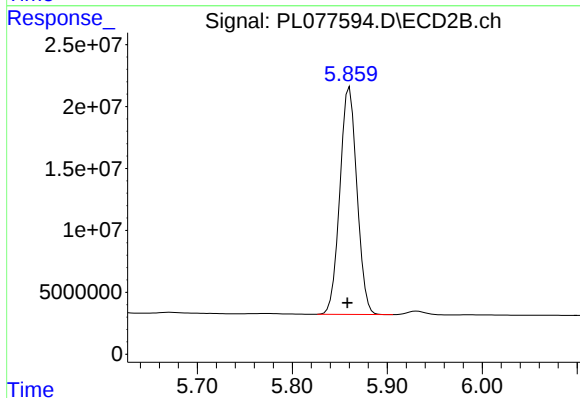
#17 4,4'-DDT

R.T.: 6.917 min
Delta R.T.: 0.004 min
Response: 153429551
Conc: 96.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

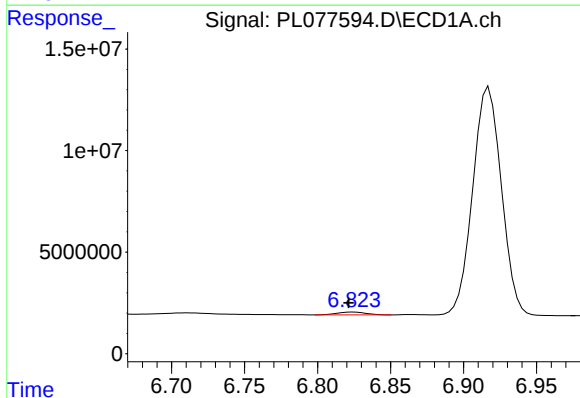
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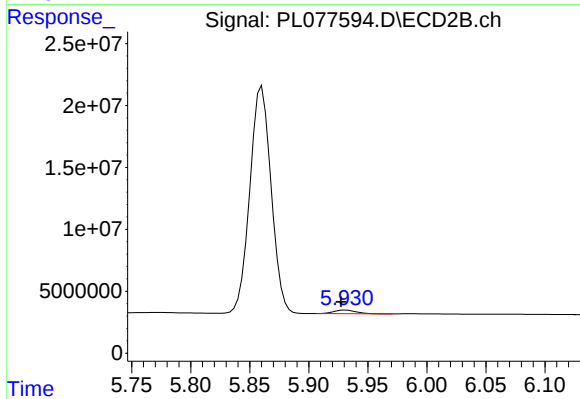
#17 4,4'-DDT

R.T.: 5.860 min
Delta R.T.: 0.002 min
Response: 229731681
Conc: 107.62 ng/ml



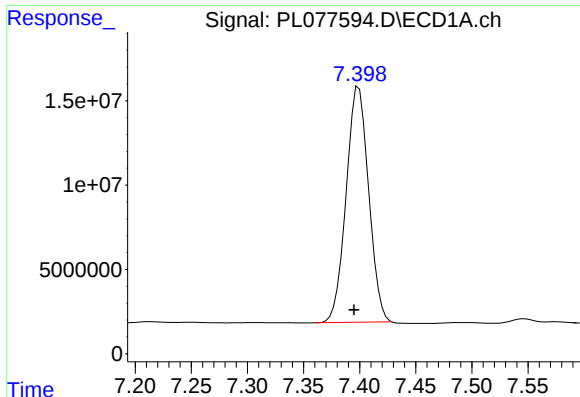
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: 0.003 min
Response: 1819930
Conc: 1.56 ng/ml



#18 Endrin aldehyde

R.T.: 5.931 min
Delta R.T.: 0.004 min
Response: 3783071
Conc: 2.18 ng/ml



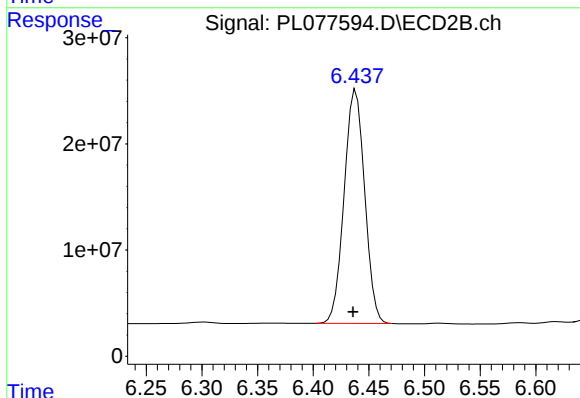
#20 Methoxychlor

R.T.: 7.399 min
Delta R.T.: 0.004 min
Response: 194821411
Conc: 245.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

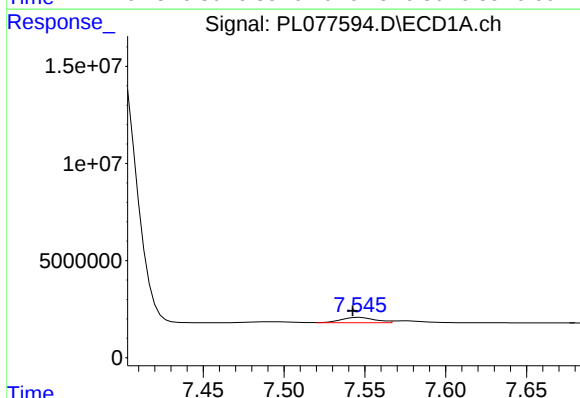
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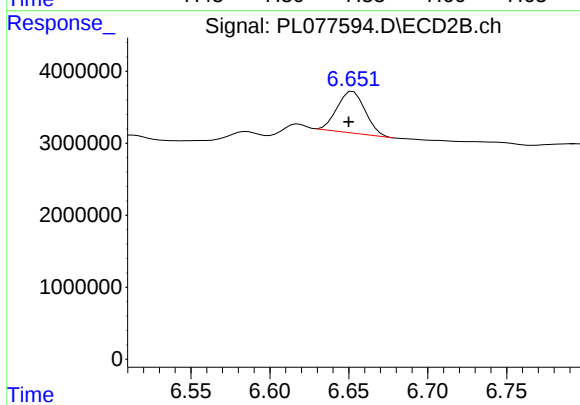
#20 Methoxychlor

R.T.: 6.438 min
Delta R.T.: 0.003 min
Response: 283166887
Conc: 240.98 ng/ml



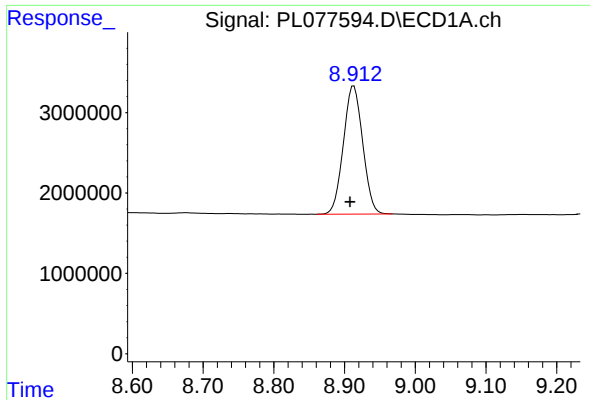
#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: 0.003 min
Response: 4230271
Conc: 2.74 ng/ml m



#21 Endrin ketone

R.T.: 6.651 min
Delta R.T.: 0.001 min
Response: 7143105
Conc: 2.95 ng/ml m



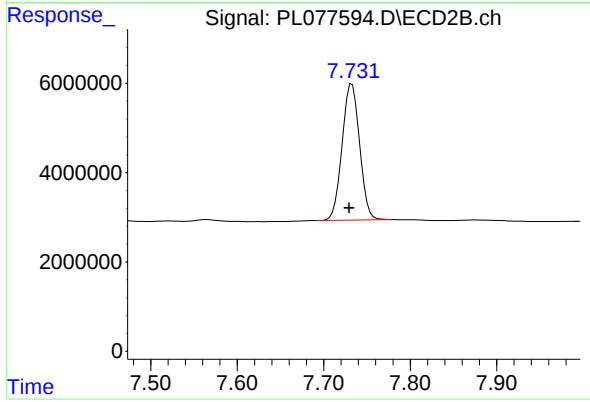
#28 Decachlorobiphenyl

R.T.: 8.913 min
Delta R.T.: 0.005 min
Response: 30246805
Conc: 20.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.733 min
Delta R.T.: 0.003 min
Response: 42673026
Conc: 21.64 ng/ml