

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081123\
 Data File : PL084668.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 10:45
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/14/2023
 Supervised By : Ankita Jodhani 08/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 13:04:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 16:21:43 2023
 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...	3.477	2.685	46314733	21789688	19.933	20.038
28)	SA Decachlor...	9.027	7.867	33447765	26270111	20.557	21.070
Target Compounds							
2)	A alpha-BHC	3.934	3.190	32347378	14925028	9.798	9.666
3)	MA gamma-BHC...	4.269	3.520	31391937	14226025	9.841	9.362m
6)	B beta-BHC	4.468	3.823	15695424	7188099	11.236	10.728
12)	B 4,4'-DDE	6.149	5.163	645801	139765	0.281m	0.113m#
14)	MA Endrin	6.526	5.561	100.8E6	61026901	46.215	49.891
16)	A 4,4'-DDD	6.669	5.720	506565	165134	0.302m	0.160m#
17)	MA 4,4'-DDT	6.985	5.974	183.8E6	128.2E6	98.079	110.507
18)	B Endrin al...	6.879	6.041	2465094	1790998	1.461	1.806
20)	A Methoxychlor	7.467	6.559	218.4E6	170.7E6	227.557	248.730
21)	B Endrin ke...	7.596	6.768	3685160	2871739	1.842m	1.990m

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

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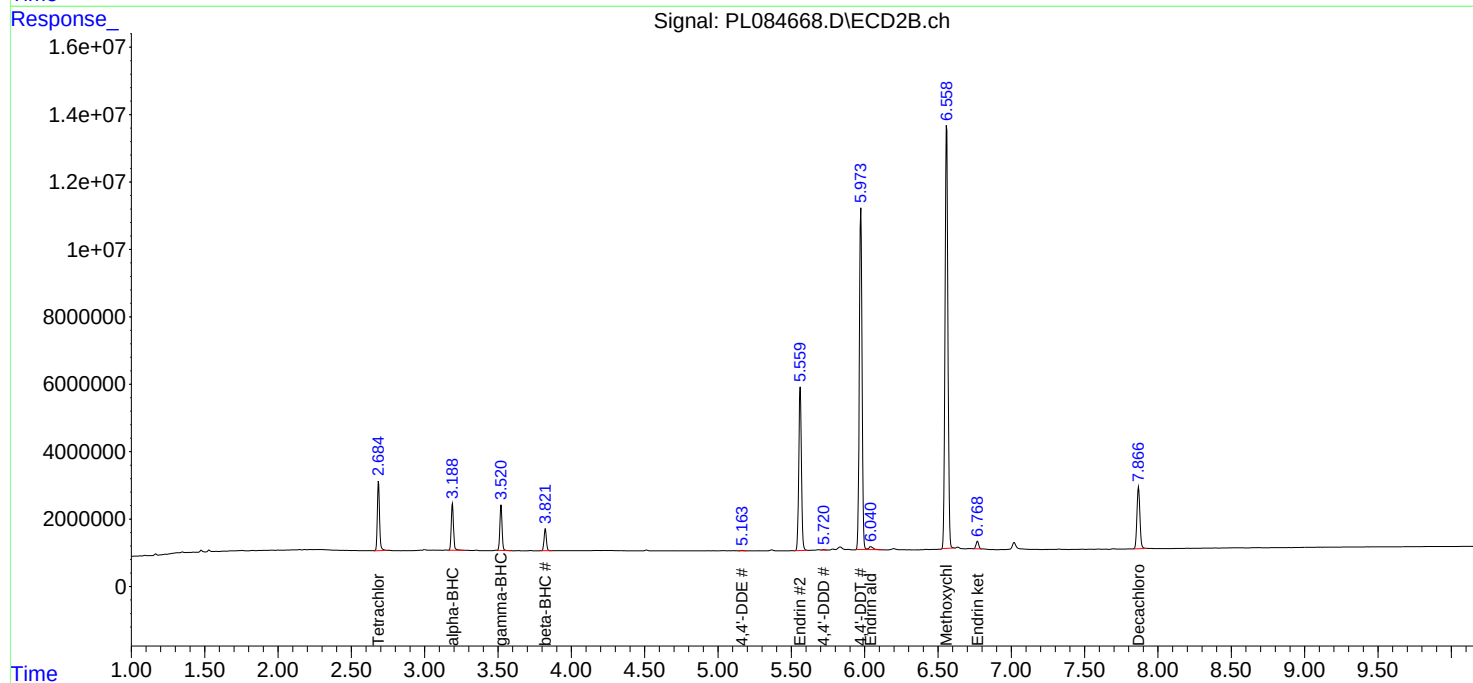
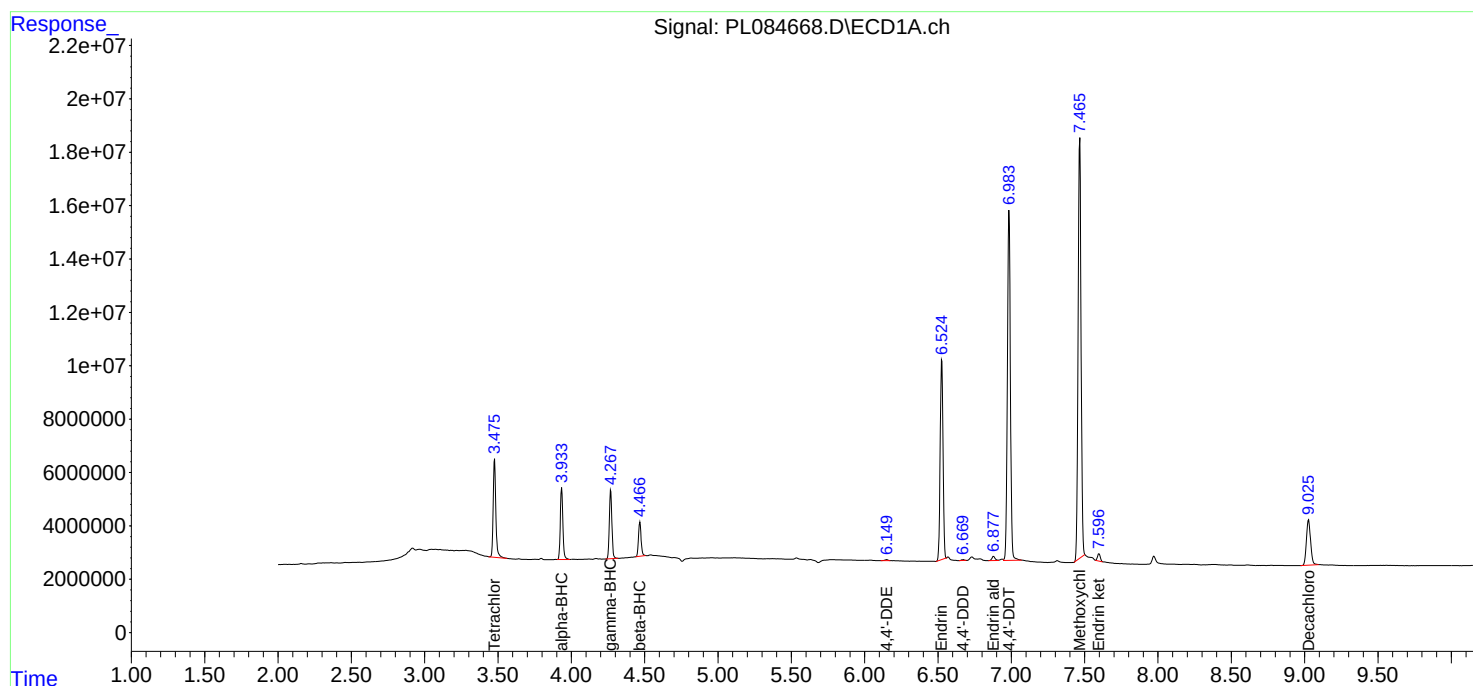
Instrument :
ECD_L
ClientSampleId :
PEM

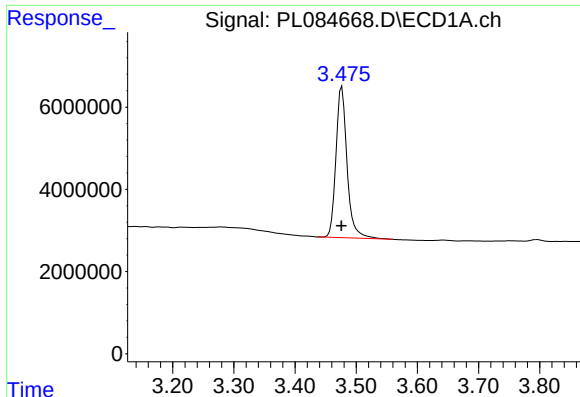
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Integration File signal 1: autoint1.e
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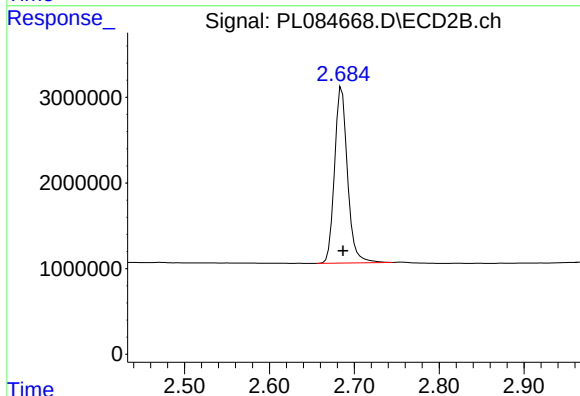
#1 Tetrachloro-m-xylene

R.T.: 3.477 min
Delta R.T.: 0.000 min
Response: 46314733
Conc: 19.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

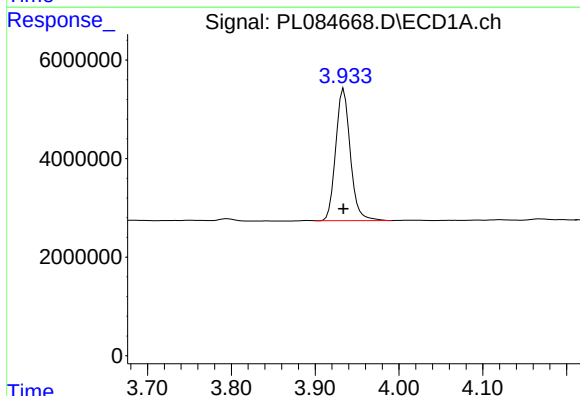
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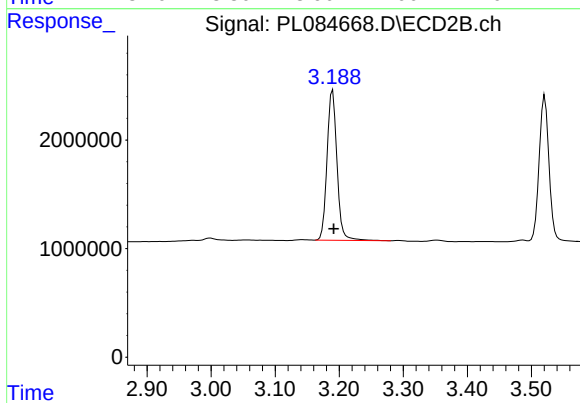
#1 Tetrachloro-m-xylene

R.T.: 2.685 min
Delta R.T.: -0.002 min
Response: 21789688
Conc: 20.04 ng/ml



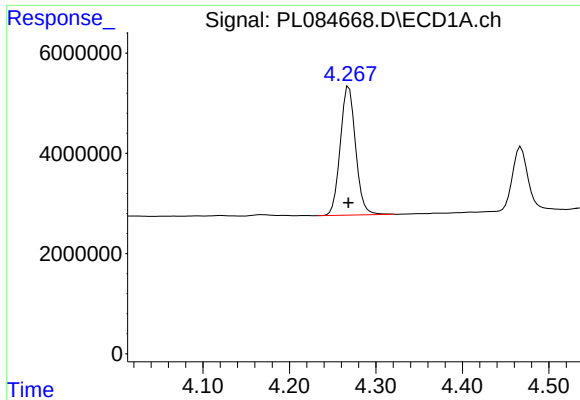
#2 alpha-BHC

R.T.: 3.934 min
Delta R.T.: 0.000 min
Response: 32347378
Conc: 9.80 ng/ml



#2 alpha-BHC

R.T.: 3.190 min
Delta R.T.: -0.002 min
Response: 14925028
Conc: 9.67 ng/ml



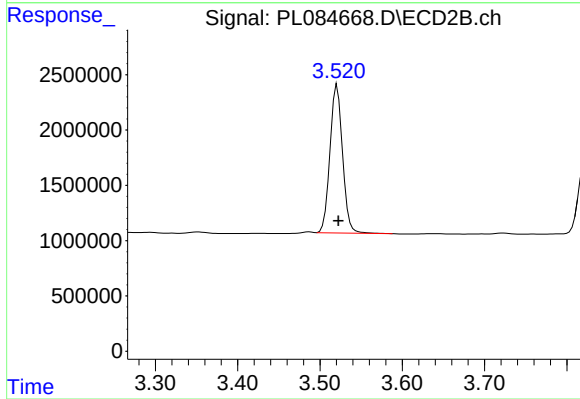
#3 gamma-BHC (Lindane)

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 31391937
Conc: 9.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

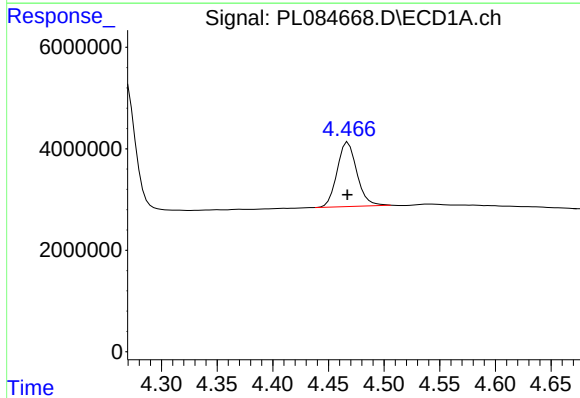
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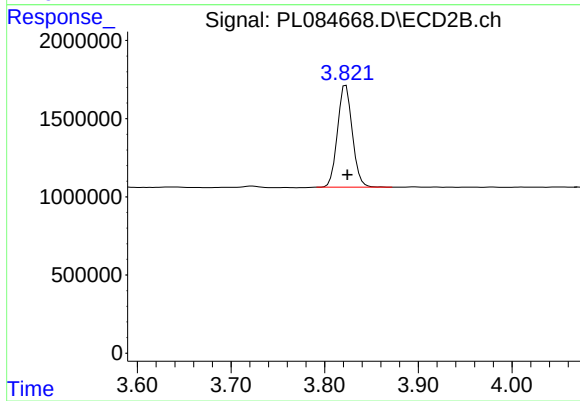
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: -0.003 min
Response: 14226025
Conc: 9.36 ng/ml m



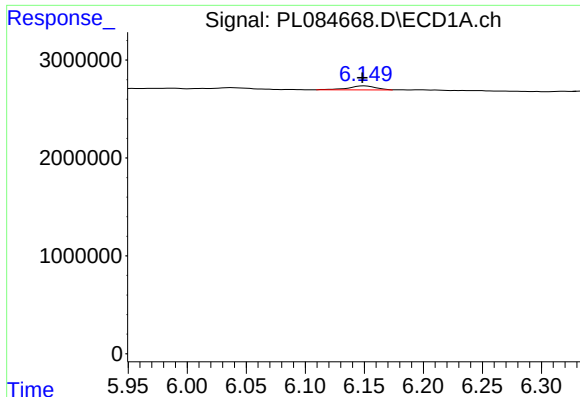
#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 15695424
Conc: 11.24 ng/ml



#6 beta-BHC

R.T.: 3.823 min
Delta R.T.: -0.002 min
Response: 7188099
Conc: 10.73 ng/ml



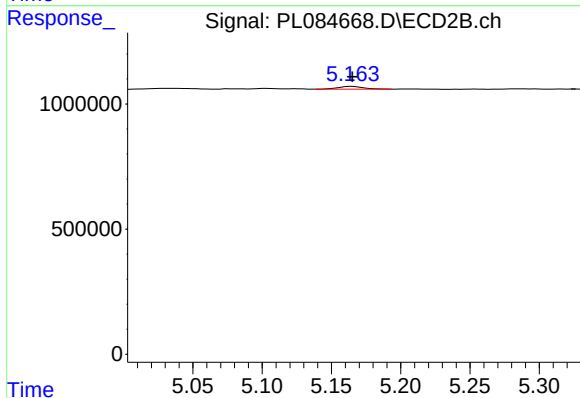
#12 4,4'-DDE

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 645801
Conc: 0.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

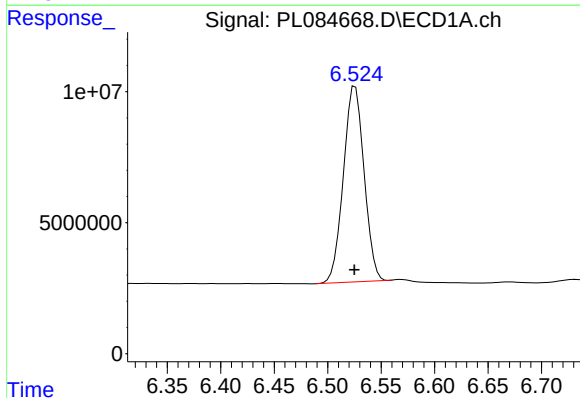
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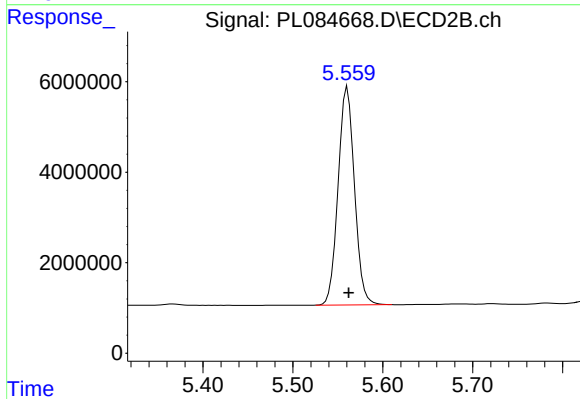
#12 4,4'-DDE

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 139765
Conc: 0.11 ng/ml m



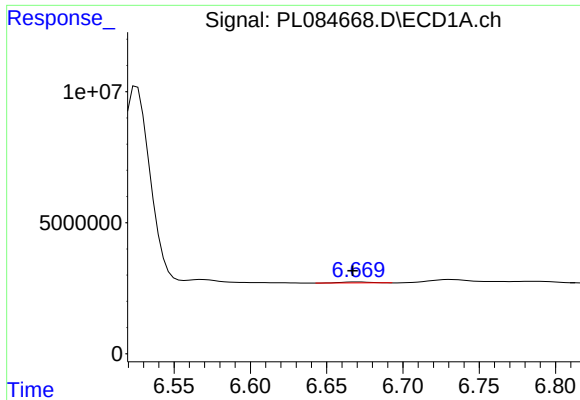
#14 Endrin

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 100794442
Conc: 46.21 ng/ml



#14 Endrin

R.T.: 5.561 min
Delta R.T.: -0.001 min
Response: 61026901
Conc: 49.89 ng/ml



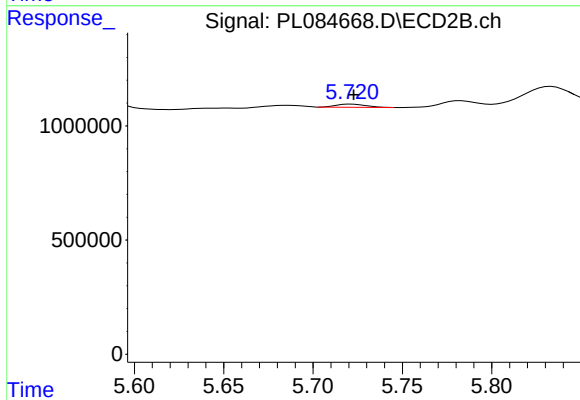
#16 4,4'-DDD

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 506565
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

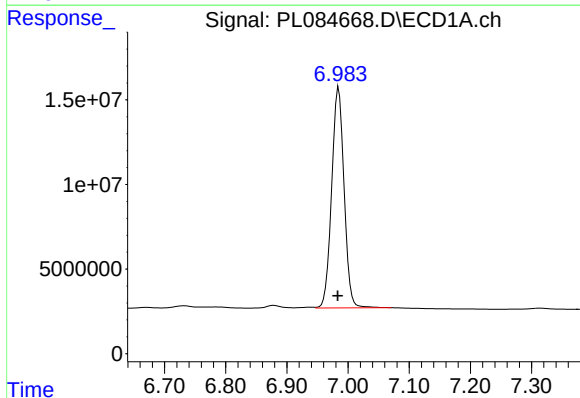
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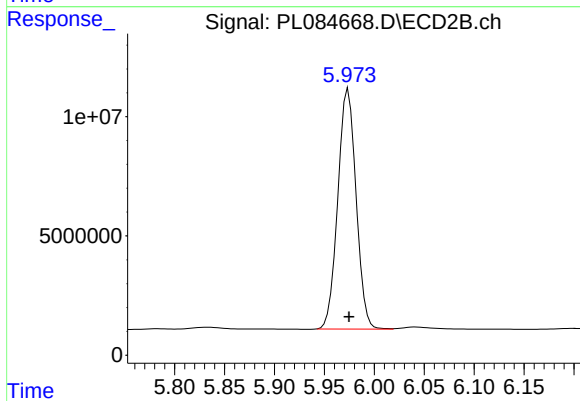
#16 4,4'-DDD

R.T.: 5.720 min
Delta R.T.: -0.002 min
Response: 165134
Conc: 0.16 ng/ml m



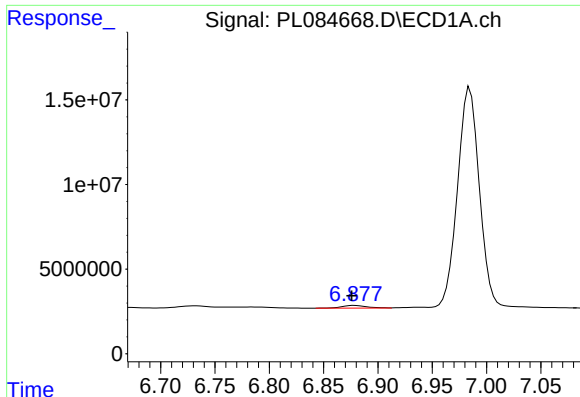
#17 4,4'-DDT

R.T.: 6.985 min
Delta R.T.: 0.001 min
Response: 183770974
Conc: 98.08 ng/ml



#17 4,4'-DDT

R.T.: 5.974 min
Delta R.T.: -0.001 min
Response: 128249446
Conc: 110.51 ng/ml



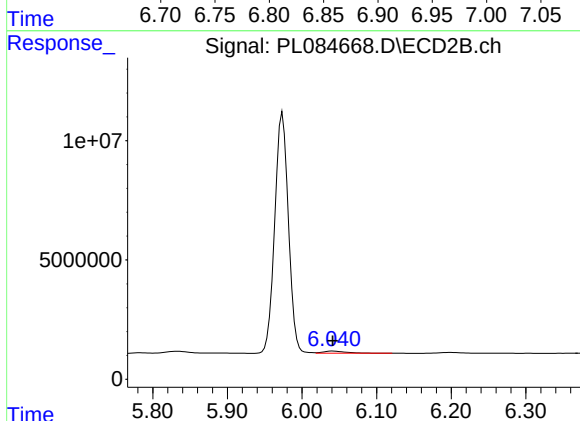
#18 Endrin aldehyde

R.T.: 6.879 min
Delta R.T.: 0.003 min
Response: 2465094
Conc: 1.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

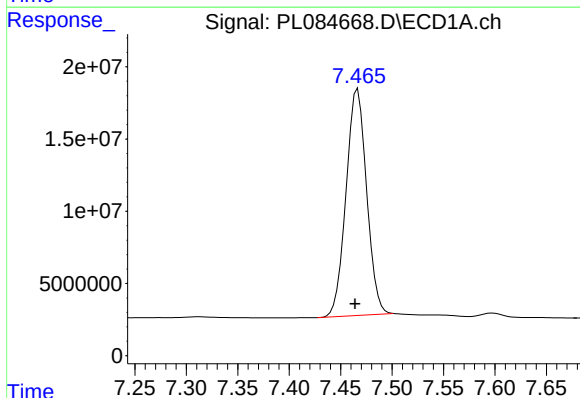
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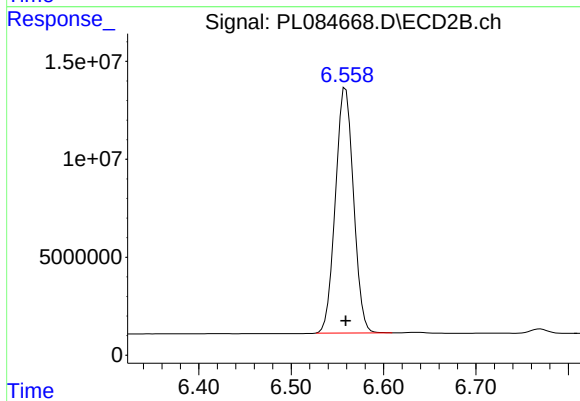
#18 Endrin aldehyde

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 1790998
Conc: 1.81 ng/ml



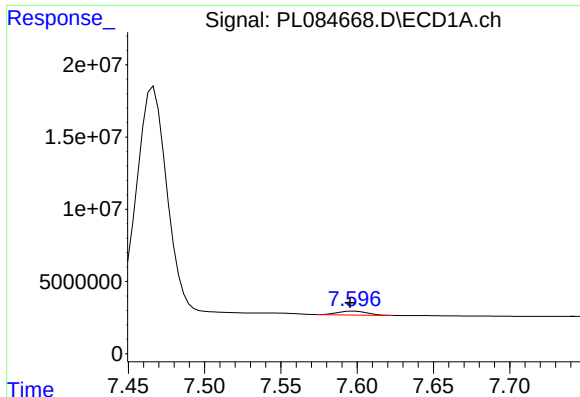
#20 Methoxychlor

R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 218383540
Conc: 227.56 ng/ml



#20 Methoxychlor

R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 170653461
Conc: 248.73 ng/ml



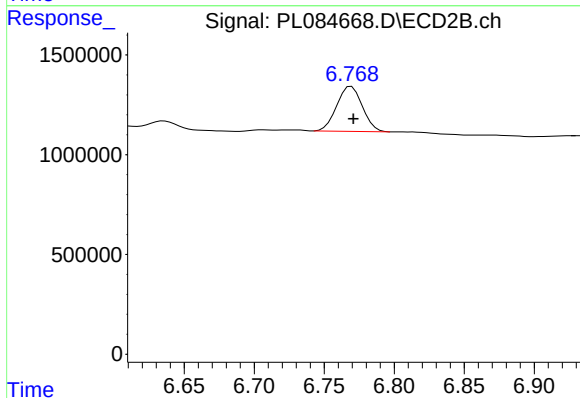
#21 Endrin ketone

R.T.: 7.596 min
Delta R.T.: 0.001 min
Response: 3685160
Conc: 1.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

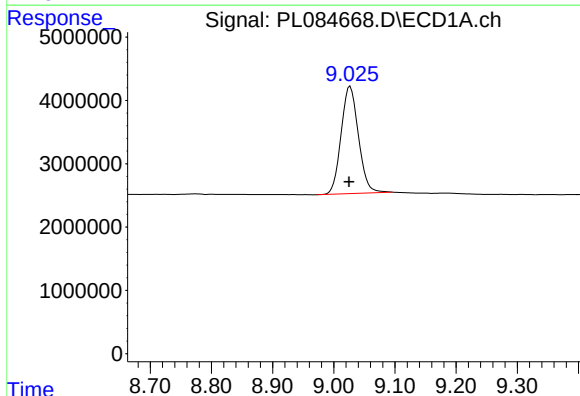
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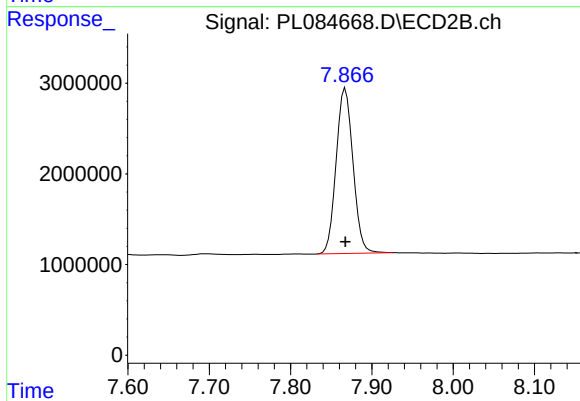
#21 Endrin ketone

R.T.: 6.768 min
Delta R.T.: -0.003 min
Response: 2871739
Conc: 1.99 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: 0.002 min
Response: 33447765
Conc: 20.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.867 min
Delta R.T.: 0.000 min
Response: 26270111
Conc: 21.07 ng/ml