

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012424\
 Data File : PD080853.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jan 2024 20:52
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/25/2024
 Supervised By : Ankita Jodhani 01/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 25 00:56:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 24 20:16:38 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.565	2.795	30329546	49972218	21.365	20.890
28)	SA Decachlor...	9.109	7.933	44040961	59453059	21.884	22.320
Target Compounds							
2)	A alpha-BHC	4.022	3.297	25314107	39375948	10.192	10.262
3)	MA gamma-BHC...	4.355	3.627	25208520	36789574	10.299	9.840
6)	B beta-BHC	4.550	3.922	11542654	17767884	11.407	11.371
14)	MA Endrin	6.610	5.658	88226459	143.7E6	47.237	48.502
16)	A 4,4'-DDD	6.740	5.805	663827	1259215	0.404m	0.480m
17)	MA 4,4'-DDT	7.057	6.056	183.3E6	287.0E6	102.913	108.166
18)	B Endrin al...	6.959	6.130	2399088	4862503	1.577	2.157m#
20)	A Methoxychlor	7.530	6.631	244.5E6	369.9E6	237.537	236.307
21)	B Endrin ke...	7.679	6.858	5109602	8838494	2.443	2.739

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

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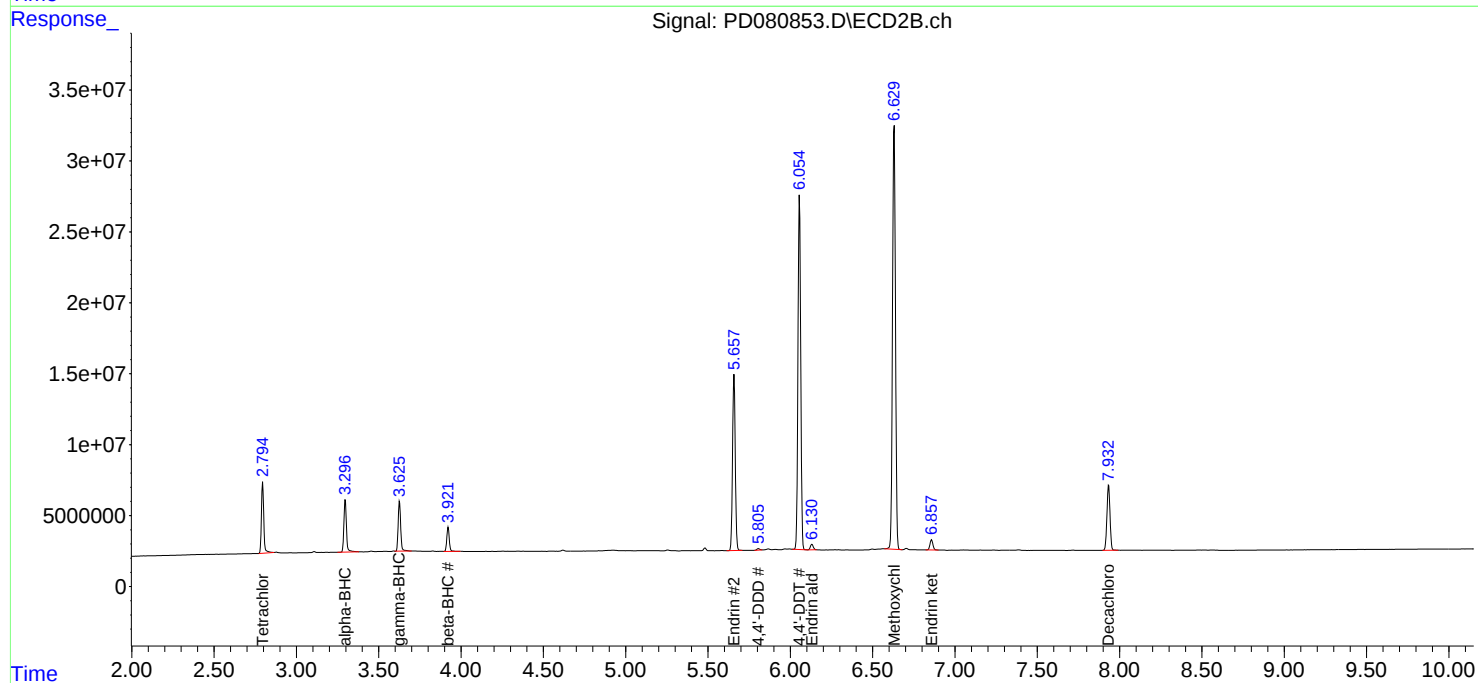
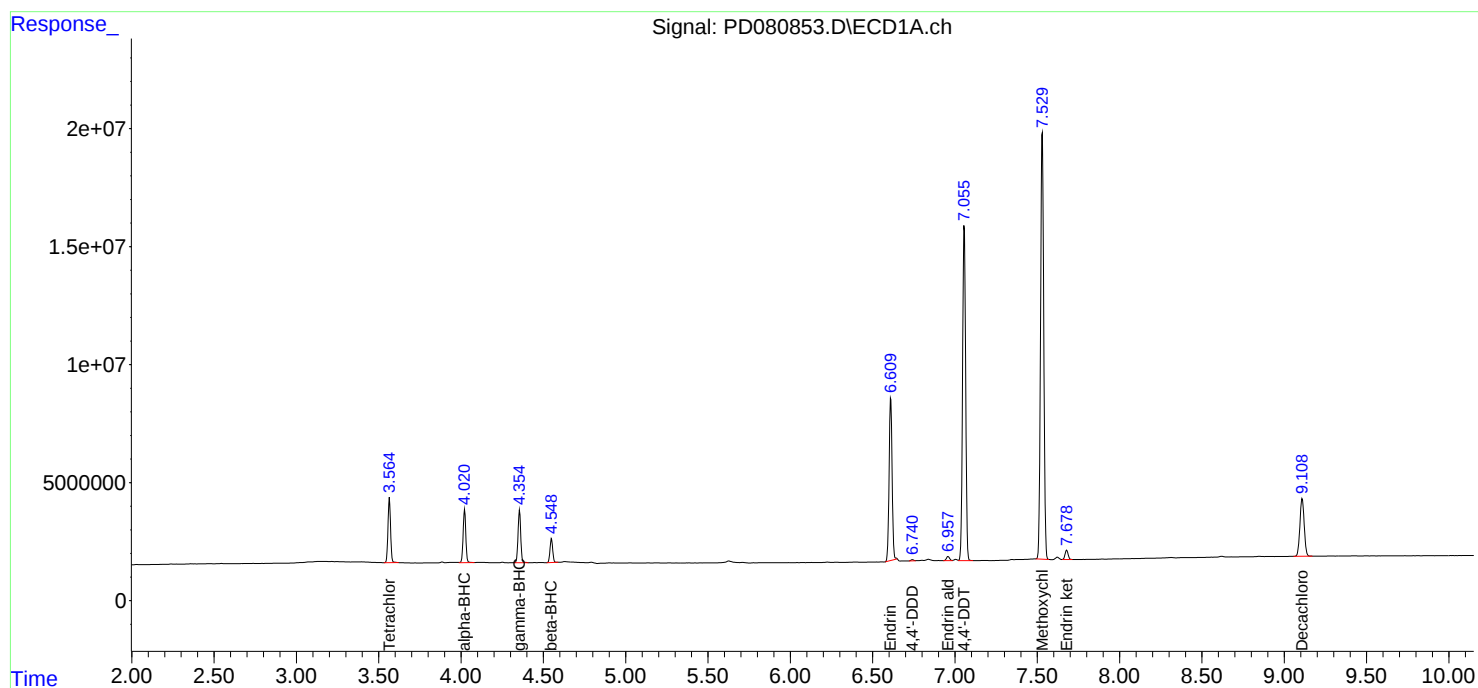
Instrument :
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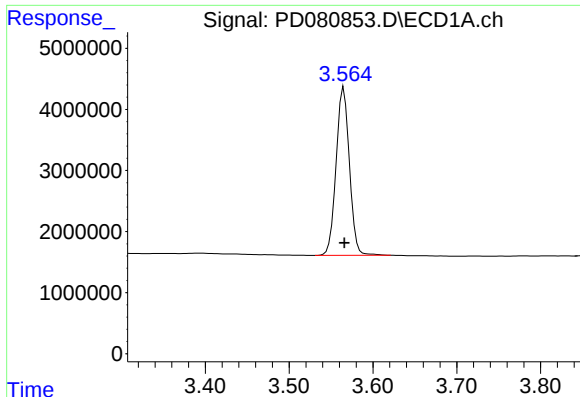
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Integration File signal 1: autoint1.e
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Volume Inj. : 1 µl
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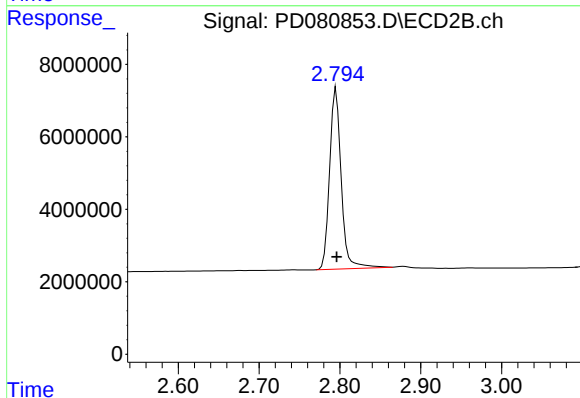
#1 Tetrachloro-m-xylene

R.T.: 3.565 min
Delta R.T.: 0.000 min
Response: 30329546
Conc: 21.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

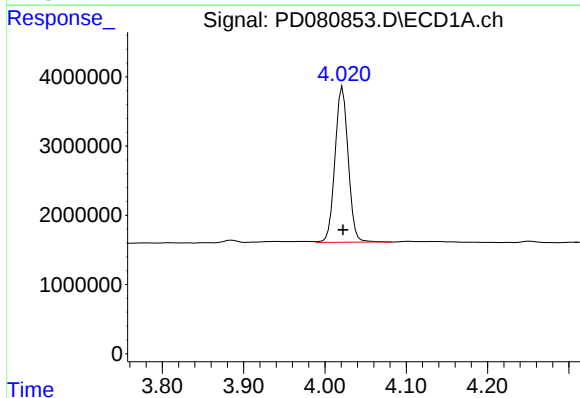
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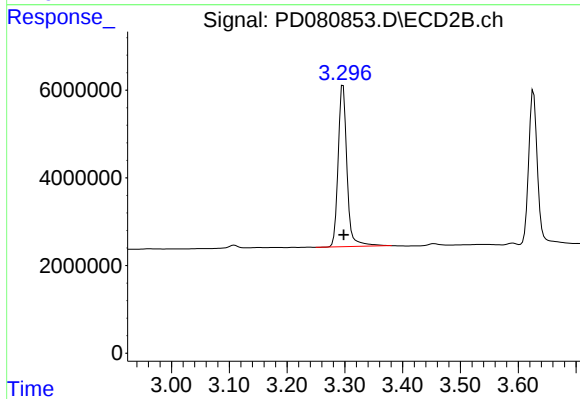
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: 0.000 min
Response: 49972218
Conc: 20.89 ng/ml



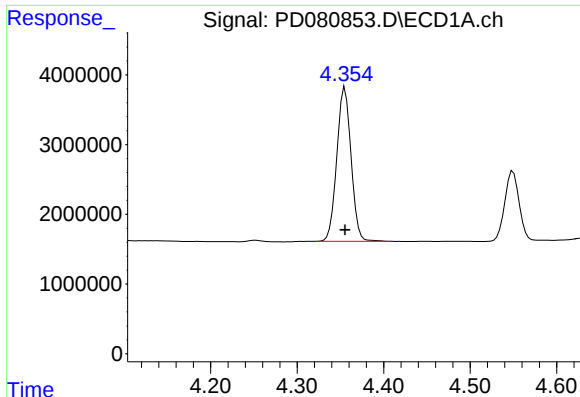
#2 alpha-BHC

R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 25314107
Conc: 10.19 ng/ml



#2 alpha-BHC

R.T.: 3.297 min
Delta R.T.: -0.001 min
Response: 39375948
Conc: 10.26 ng/ml



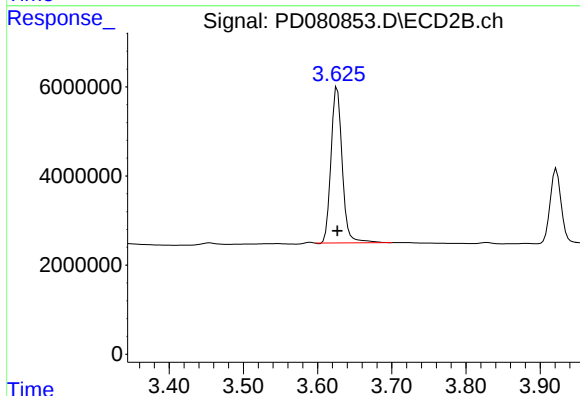
#3 gamma-BHC (Lindane)

R.T.: 4.355 min
Delta R.T.: 0.000 min
Response: 25208520
Conc: 10.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

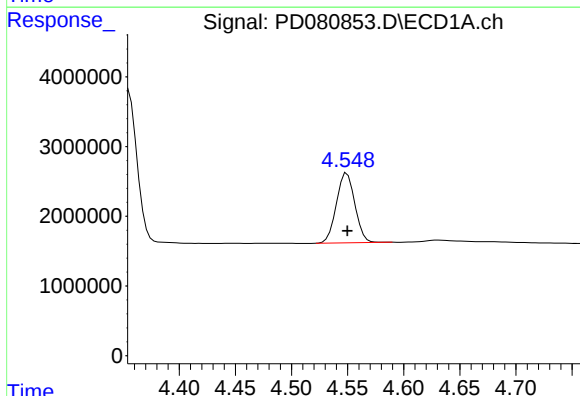
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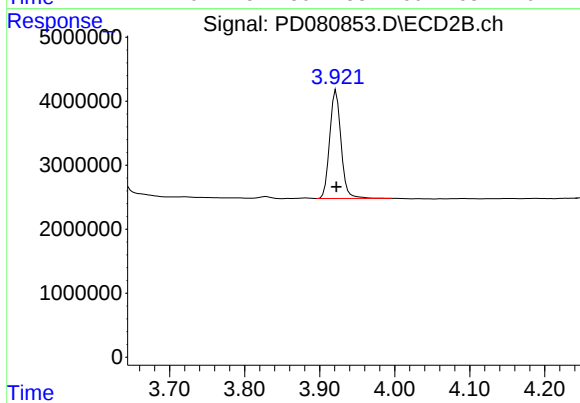
#3 gamma-BHC (Lindane)

R.T.: 3.627 min
Delta R.T.: 0.000 min
Response: 36789574
Conc: 9.84 ng/ml



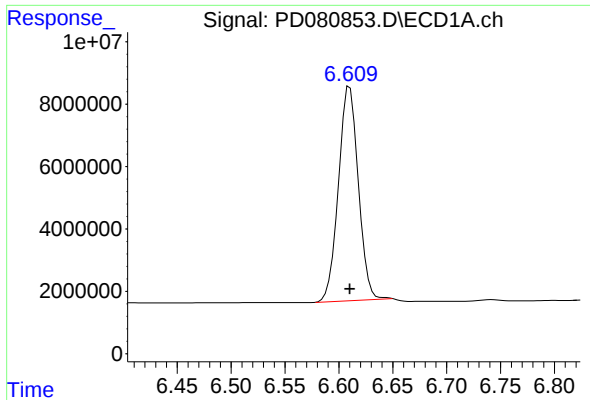
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 11542654
Conc: 11.41 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 17767884
Conc: 11.37 ng/ml



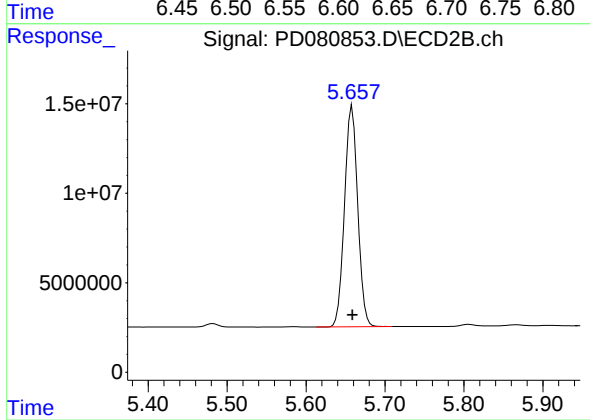
#14 Endrin

R.T.: 6.610 min
Delta R.T.: 0.000 min
Response: 88226459
Conc: 47.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

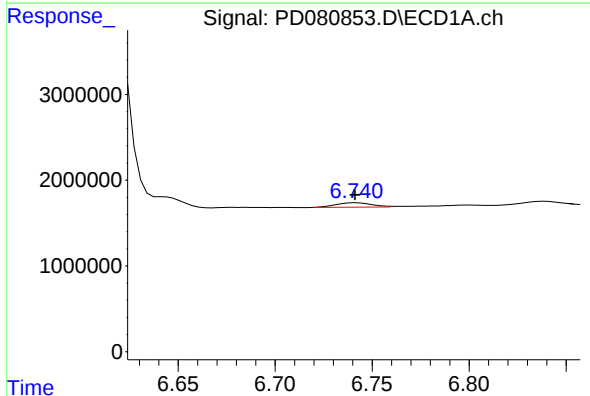
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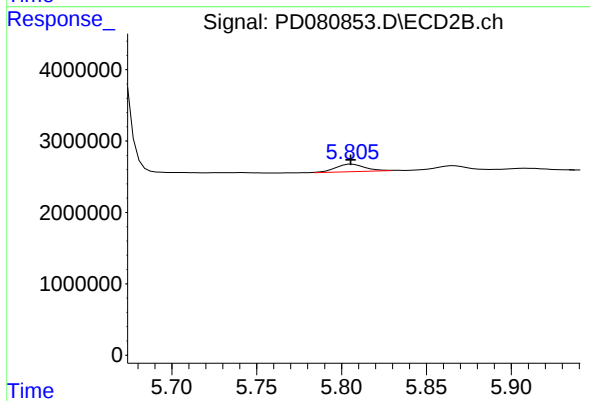
#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 143731099
Conc: 48.50 ng/ml



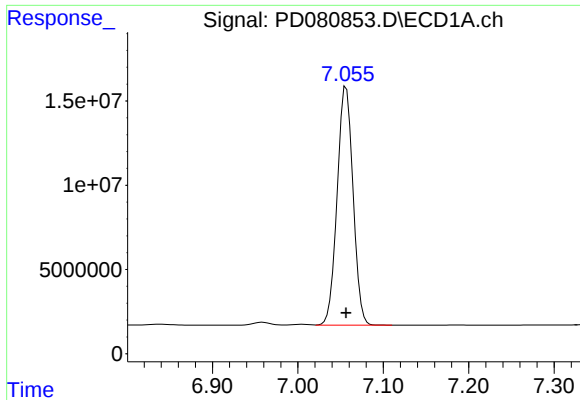
#16 4,4'-DDD

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 663827
Conc: 0.40 ng/ml m



#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 1259215
Conc: 0.48 ng/ml m



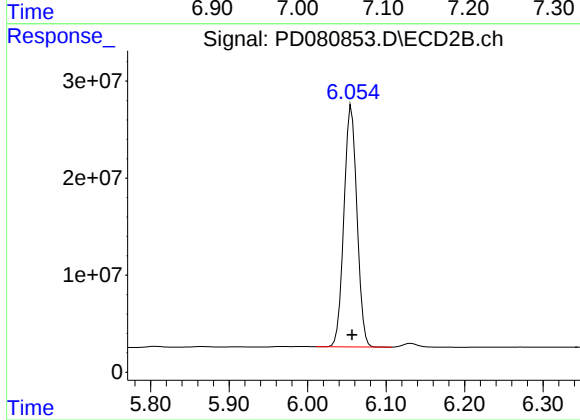
#17 4,4'-DDT

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 183275421
Conc: 102.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

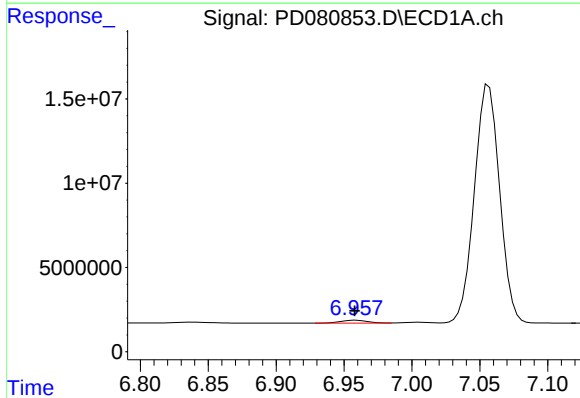
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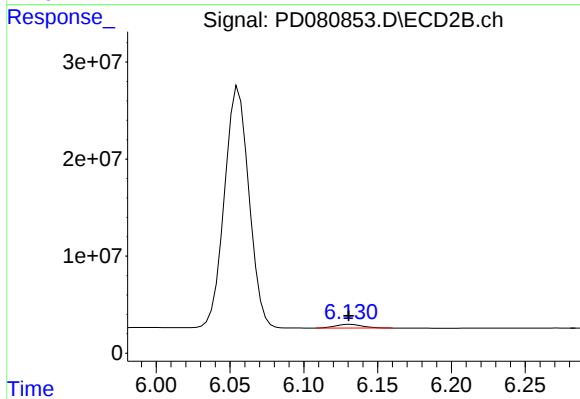
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 286971940
Conc: 108.17 ng/ml



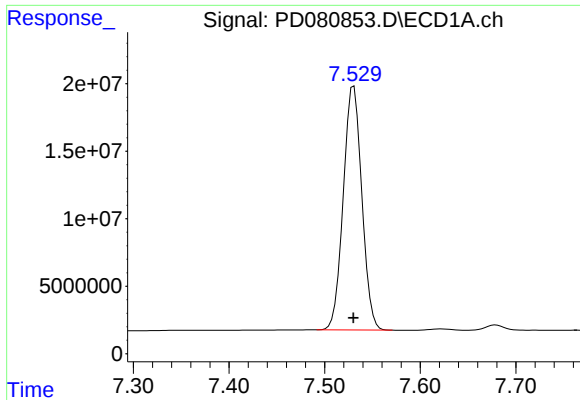
#18 Endrin aldehyde

R.T.: 6.959 min
Delta R.T.: 0.000 min
Response: 2399088
Conc: 1.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 4862503
Conc: 2.16 ng/ml m



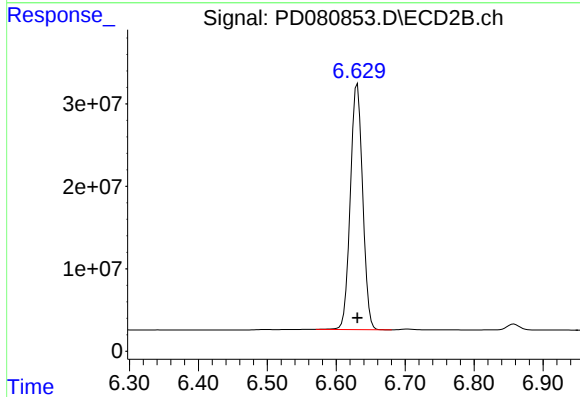
#20 Methoxychlor

R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 244491402
Conc: 237.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

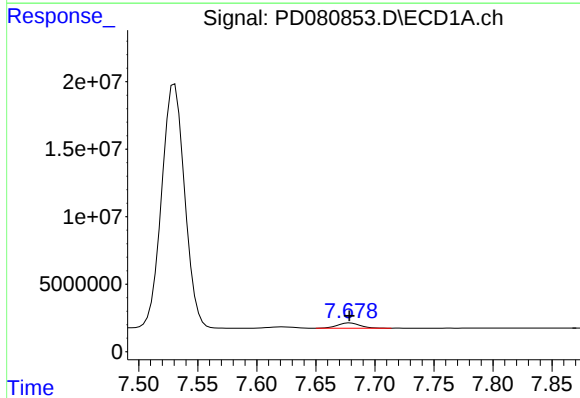
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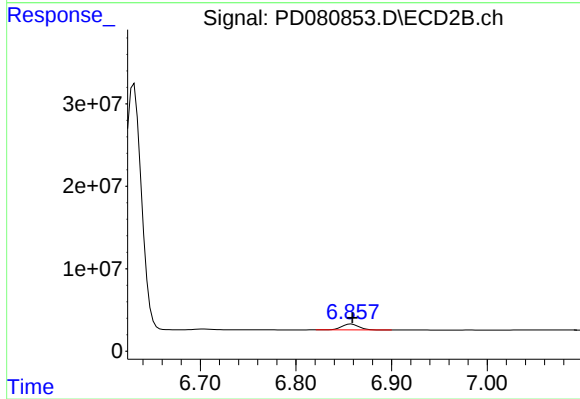
#20 Methoxychlor

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 369882198
Conc: 236.31 ng/ml



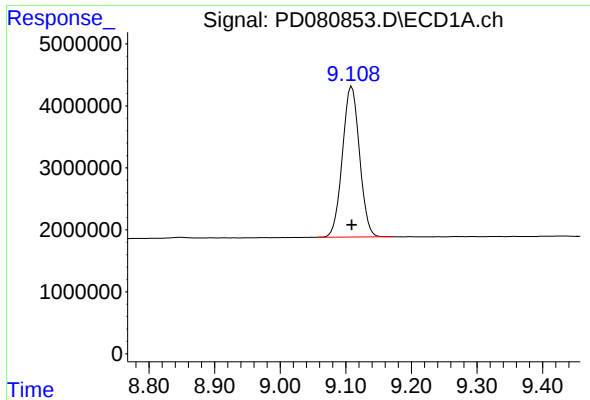
#21 Endrin ketone

R.T.: 7.679 min
Delta R.T.: 0.000 min
Response: 5109602
Conc: 2.44 ng/ml



#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: -0.001 min
Response: 8838494
Conc: 2.74 ng/ml



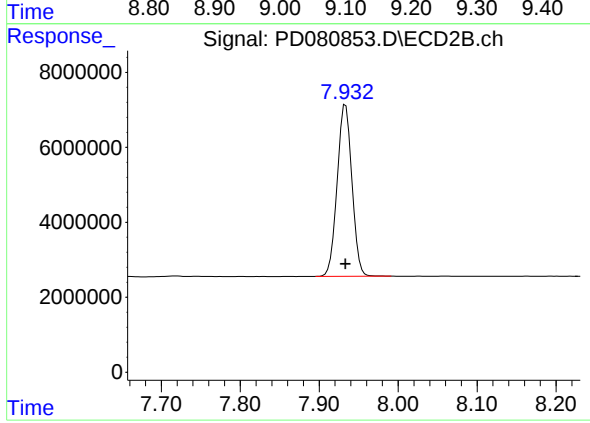
#28 Decachlorobiphenyl

R.T.: 9.109 min
Delta R.T.: 0.000 min
Response: 44040961
Conc: 21.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 59453059
Conc: 22.32 ng/ml