

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031225\
 Data File : PD087951.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Mar 2025 09:03
 Operator : AR\AJ
 Sample : PEM073
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM056

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/13/2025
 Supervised By : Ankita Jodhani 03/13/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 10:16:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD021825CLP.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 24 15:08:04 2025
 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 x 0.5 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...	3.553	2.884	39359489	304.8E6	18.862	22.661
27)	SA Decachlor...	9.082	8.081	63498534	365.2E6	19.271	23.100
Target Compounds							
2)	A alpha-BHC	4.002	3.397	37902455	248.8E6	9.174	11.815 #
3)	MA gamma-BHC...	4.333	3.733	38027326	226.8E6	9.272	11.776 #
6)	B beta-BHC	4.518	4.029	16391786	98094920	9.355	11.009
12)	B 4,4'-DDE	6.203	5.381	368518	1891730	0.108	0.107m
14)	MA Endrin	6.580	5.795	146.1E6	786.9E6	48.233	49.226
16)	A 4,4'-DDD	6.710	5.937	15699213	16553502	6.113	1.147 #
17)	MA 4,4'-DDT	7.026	6.190	264.6E6	1497.8E6	99.257	102.288
18)	B Endrin al...	6.920	6.264	3782491	29434151	1.594	2.365 #
20)	A Methoxychlor	7.498	6.761	343.1E6	1552.1E6	234.354	234.509
21)	B Endrin ke...	7.636	6.997	6493605	60150198	2.030	3.575 #

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

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Instrument :

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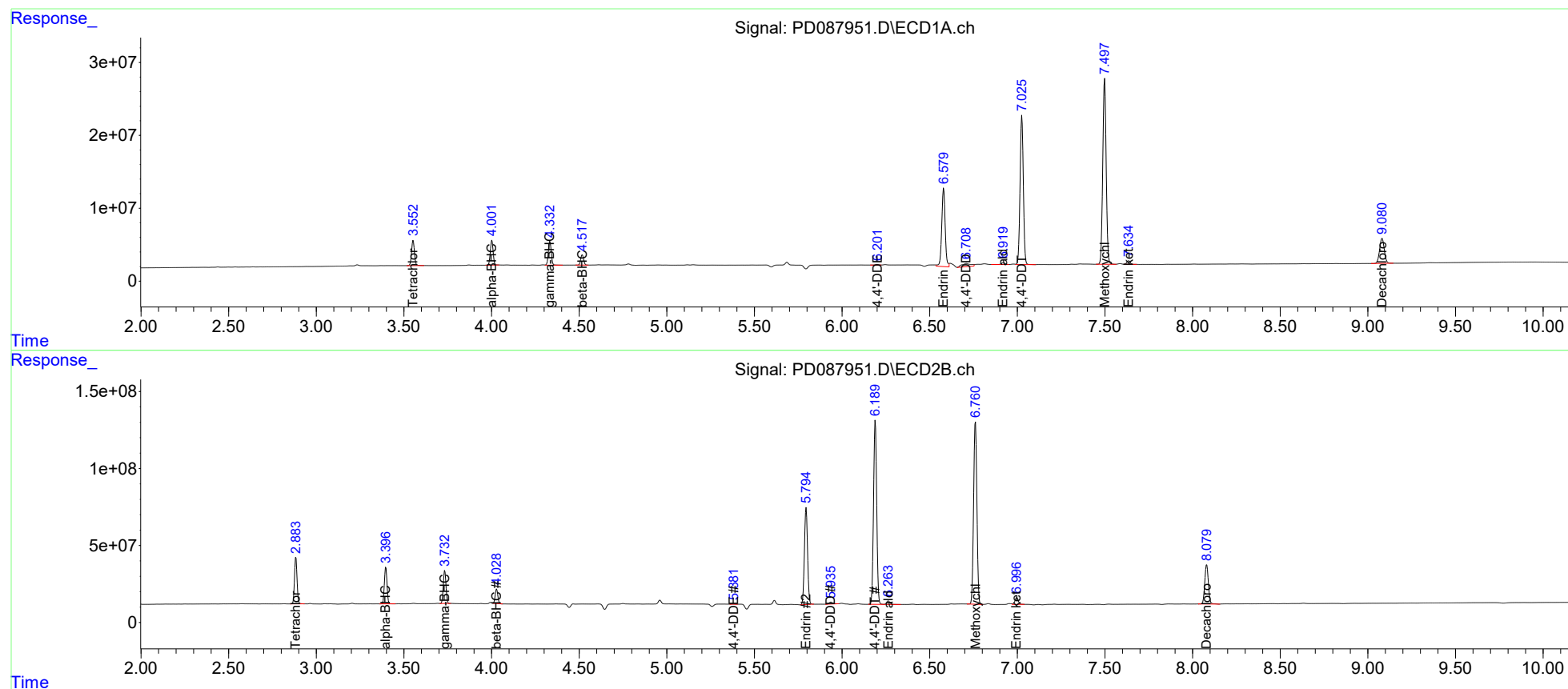
APPROVED

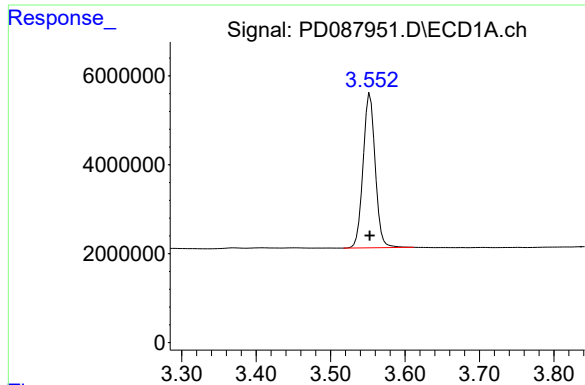
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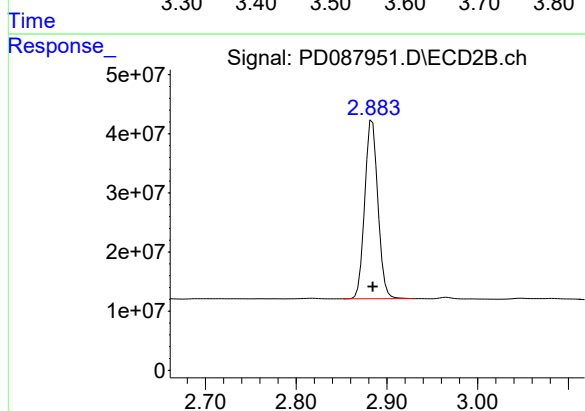
#1 Tetrachloro-m-xylene

R.T.: 3.553 min
Delta R.T.: 0.000 min
Response: 39359489
Conc: 18.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM056

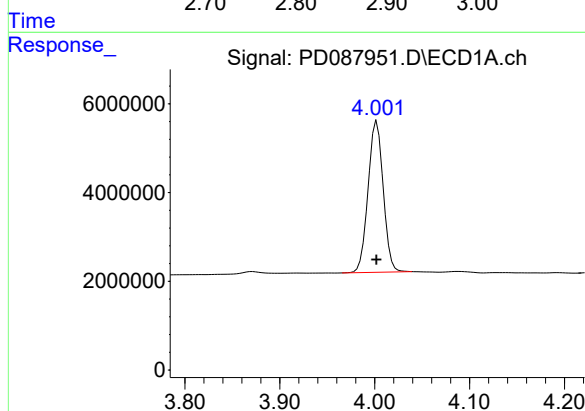
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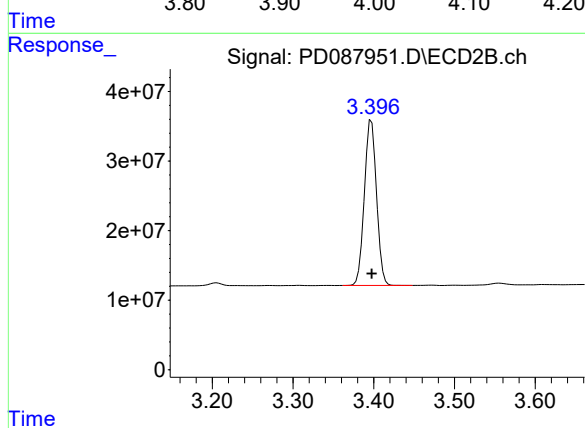
#1 Tetrachloro-m-xylene

R.T.: 2.884 min
Delta R.T.: 0.000 min
Response: 304805186
Conc: 22.66 ng/ml



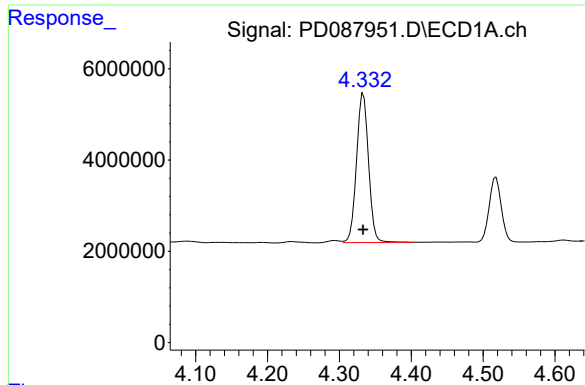
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 37902455
Conc: 9.17 ng/ml



#2 alpha-BHC

R.T.: 3.397 min
Delta R.T.: 0.000 min
Response: 248791282
Conc: 11.82 ng/ml



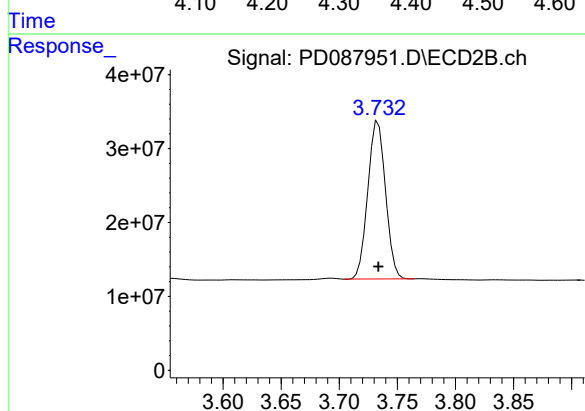
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 38027326
Conc: 9.27 ng/ml

Instrument :
ECD_D
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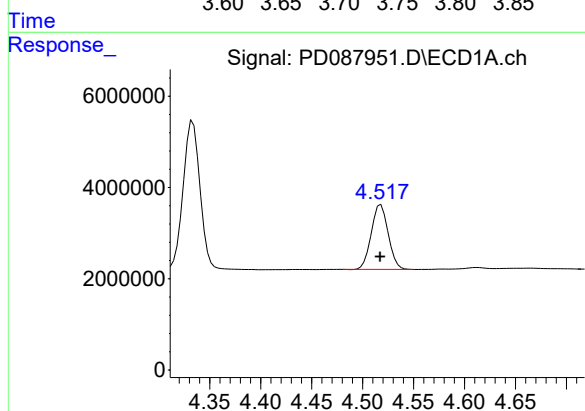
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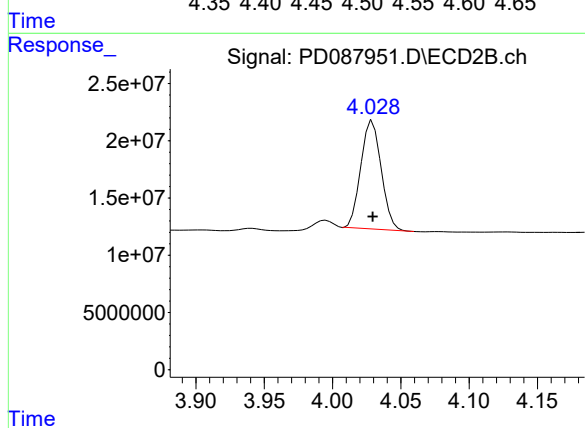
#3 gamma-BHC (Lindane)

R.T.: 3.733 min
Delta R.T.: 0.000 min
Response: 226750227
Conc: 11.78 ng/ml



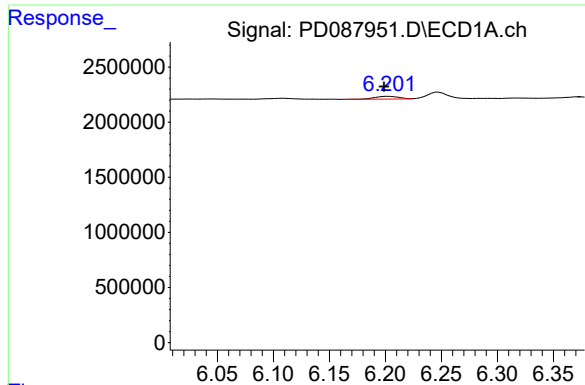
#6 beta-BHC

R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 16391786
Conc: 9.36 ng/ml



#6 beta-BHC

R.T.: 4.029 min
Delta R.T.: 0.000 min
Response: 98094920
Conc: 11.01 ng/ml



#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.004 min
Response: 368518
Conc: 0.11 ng/ml

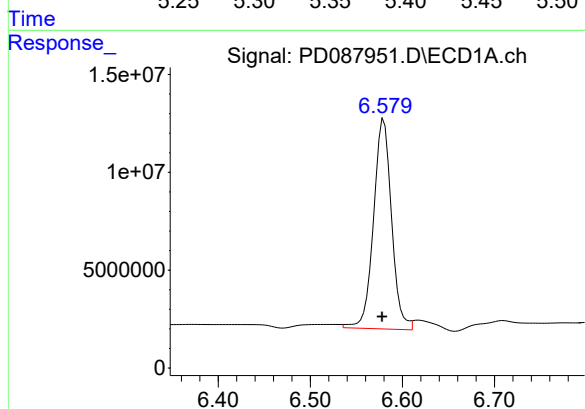
Instrument :
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#12 4,4'-DDE

R.T.: 5.381 min
Delta R.T.: 0.000 min
Response: 1891730
Conc: 0.11 ng/ml

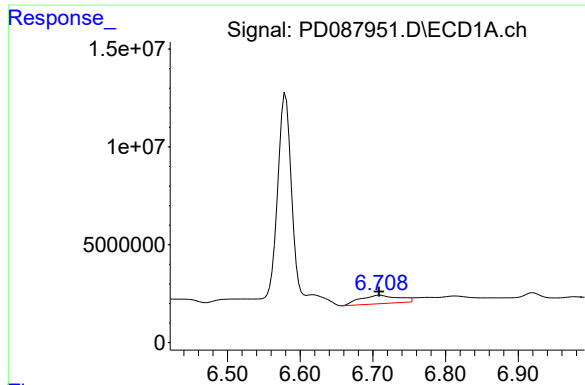


#14 Endrin

R.T.: 6.580 min
Delta R.T.: 0.002 min
Response: 146069897
Conc: 48.23 ng/ml

#14 Endrin

R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 786852797
Conc: 49.23 ng/ml



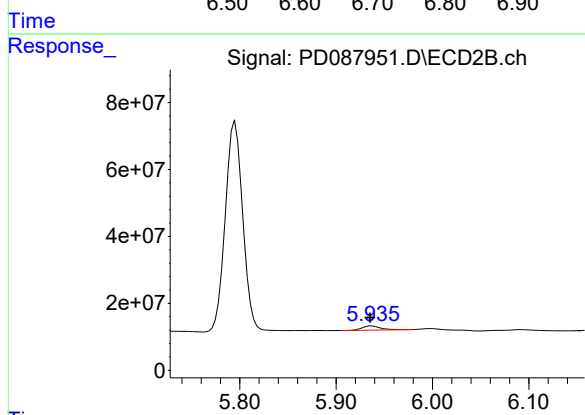
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.001 min
Response: 15699213
Conc: 6.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM056

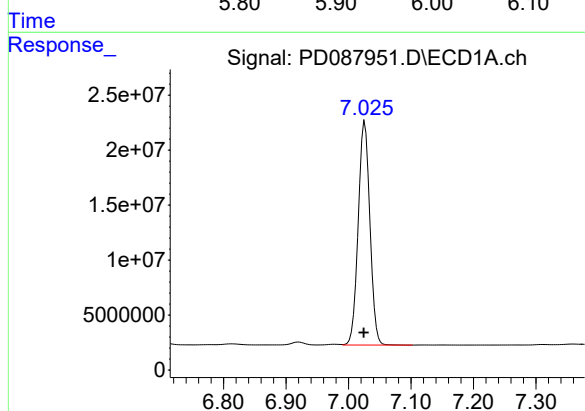
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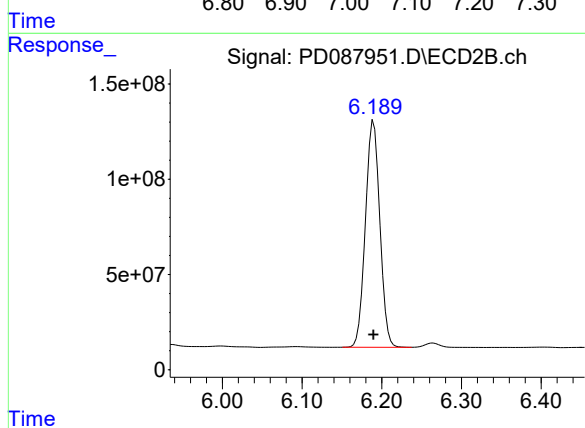
#16 4,4'-DDD

R.T.: 5.937 min
Delta R.T.: 0.001 min
Response: 16553502
Conc: 1.15 ng/ml



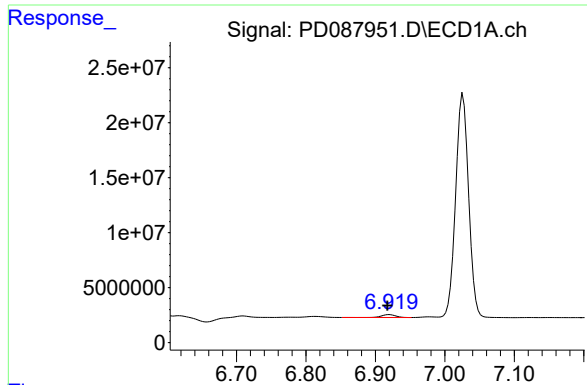
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.002 min
Response: 264586234
Conc: 99.26 ng/ml



#17 4,4'-DDT

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 1497823306
Conc: 102.29 ng/ml



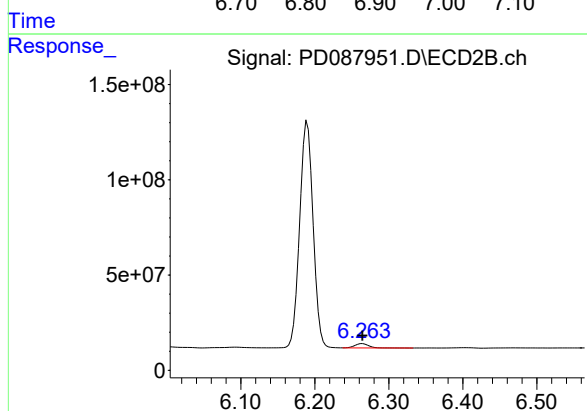
#18 Endrin aldehyde

R.T.: 6.920 min
Delta R.T.: 0.003 min
Response: 3782491
Conc: 1.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
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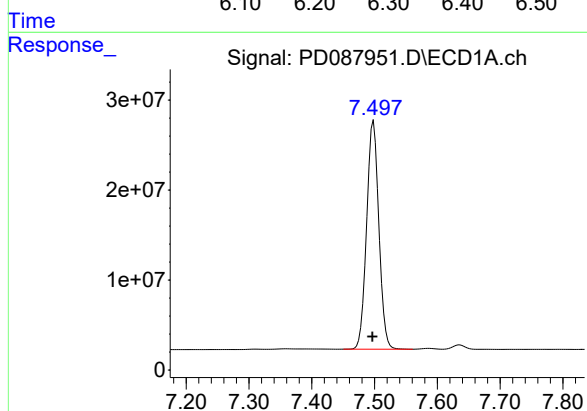
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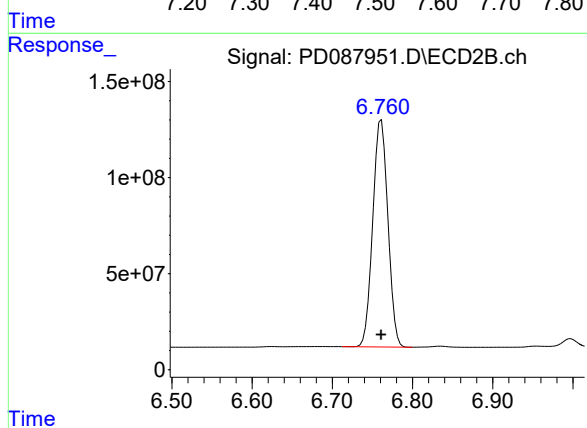
#18 Endrin aldehyde

R.T.: 6.264 min
Delta R.T.: 0.000 min
Response: 29434151
Conc: 2.37 ng/ml



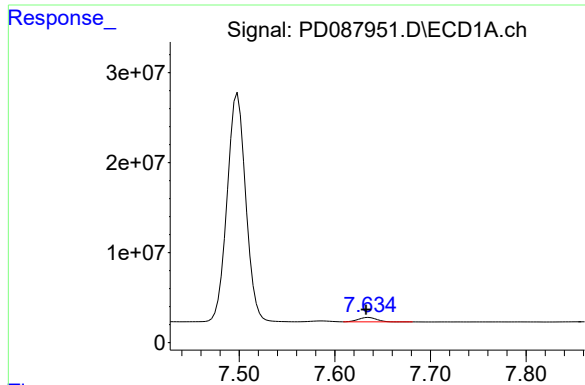
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.002 min
Response: 343124254
Conc: 234.35 ng/ml



#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: 0.000 min
Response: 1552084754
Conc: 234.51 ng/ml



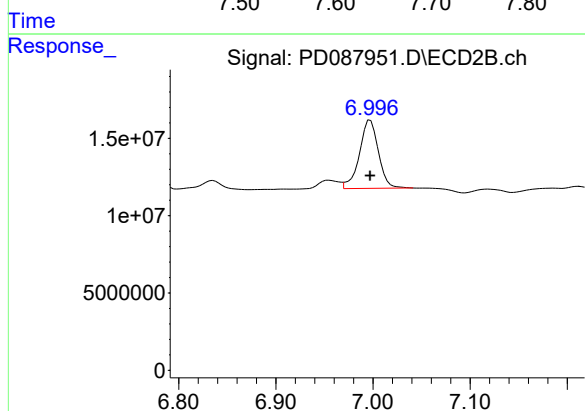
#21 Endrin ketone

R.T.: 7.636 min
Delta R.T.: 0.002 min
Response: 6493605
Conc: 2.03 ng/ml

Instrument :
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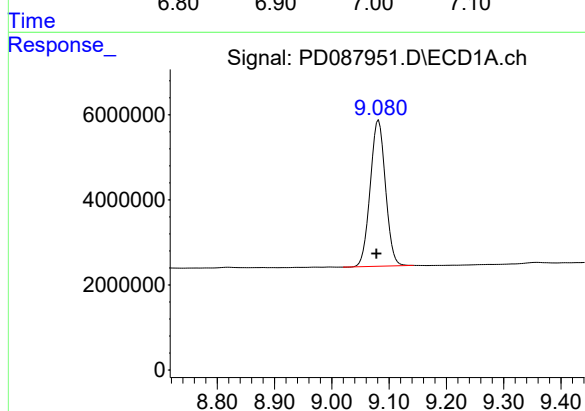
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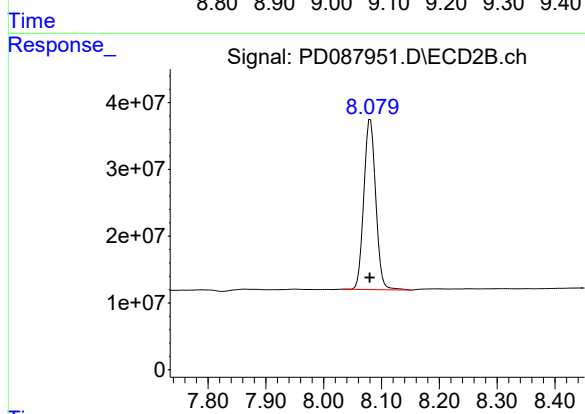
#21 Endrin ketone

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 60150198
Conc: 3.57 ng/ml



#27 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: 0.003 min
Response: 63498534
Conc: 19.27 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.081 min
Delta R.T.: 0.000 min
Response: 365201057
Conc: 23.10 ng/ml