

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081123\
 Data File : PD077103.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 10:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 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 23:07:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 2023
 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...	3.544	2.763	45216897	26674647	19.107	19.583
28)	SA Decachlor...	9.088	7.905	56169916	25388153	20.499	17.740
Target Compounds							
2)	A alpha-BHC	4.000	3.265	35307555	18307011	9.195	9.464
3)	MA gamma-BHC...	4.334	3.594	33725154	16576536	9.163	8.910
6)	B beta-BHC	4.531	3.892	15703884	8212796	10.436	10.765
12)	B 4,4'-DDE	6.206	5.223	827226	836949	0.279	0.577 #
14)	MA Endrin	6.589	5.627	126.4E6	67281105	45.503	45.981
16)	A 4,4'-DDD	6.726	5.777	845043	745294	0.359	0.670m#
17)	MA 4,4'-DDT	7.038	6.025	252.4E6	119.5E6	103.784	107.469
18)	B Endrin al...	6.939	6.102	2468372	2493985	1.130	2.191 #
20)	A Methoxychlor	7.514	6.601	343.3E6	148.8E6	242.284	248.935
21)	B Endrin ke...	7.660	6.830	5552868	3161870	1.844	1.994

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

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Acq On : 11 Aug 2023 10:09
Operator : AR\AJ
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ALS Vial : 3 Sample Multiplier: 1

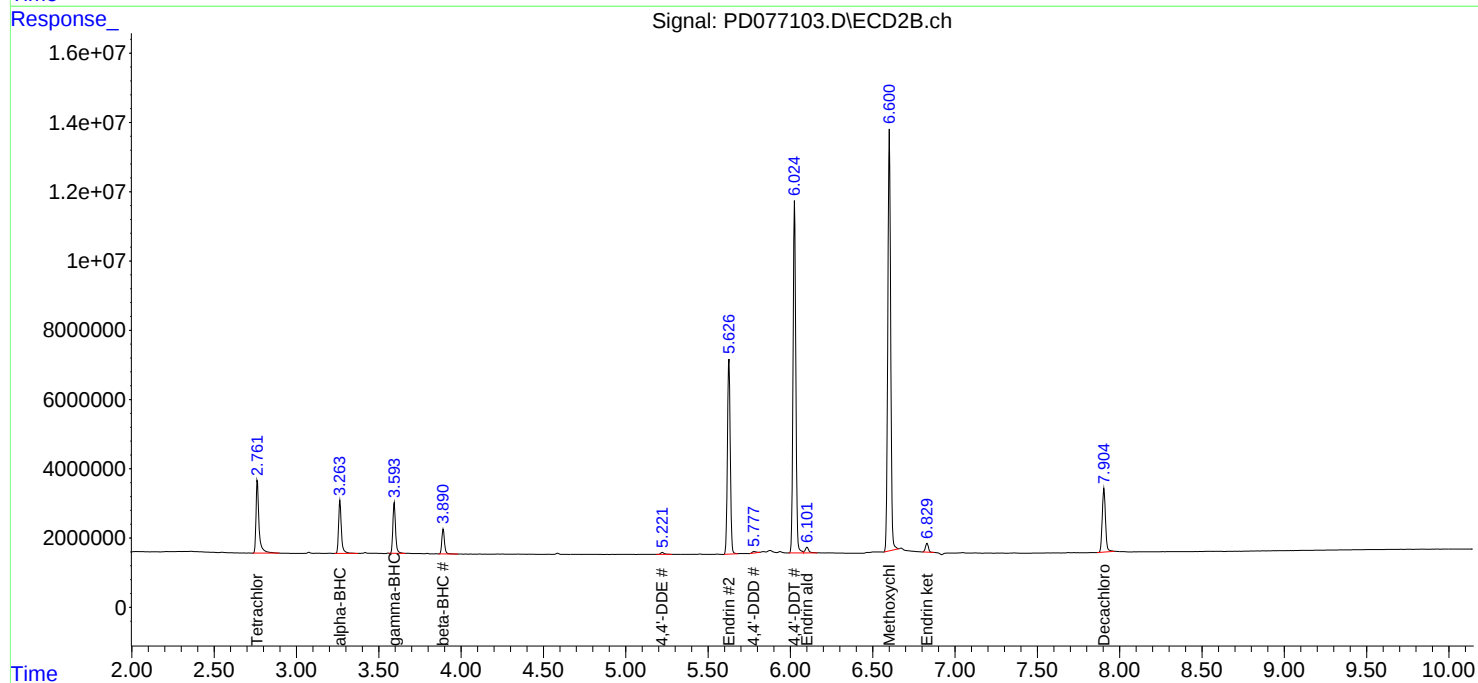
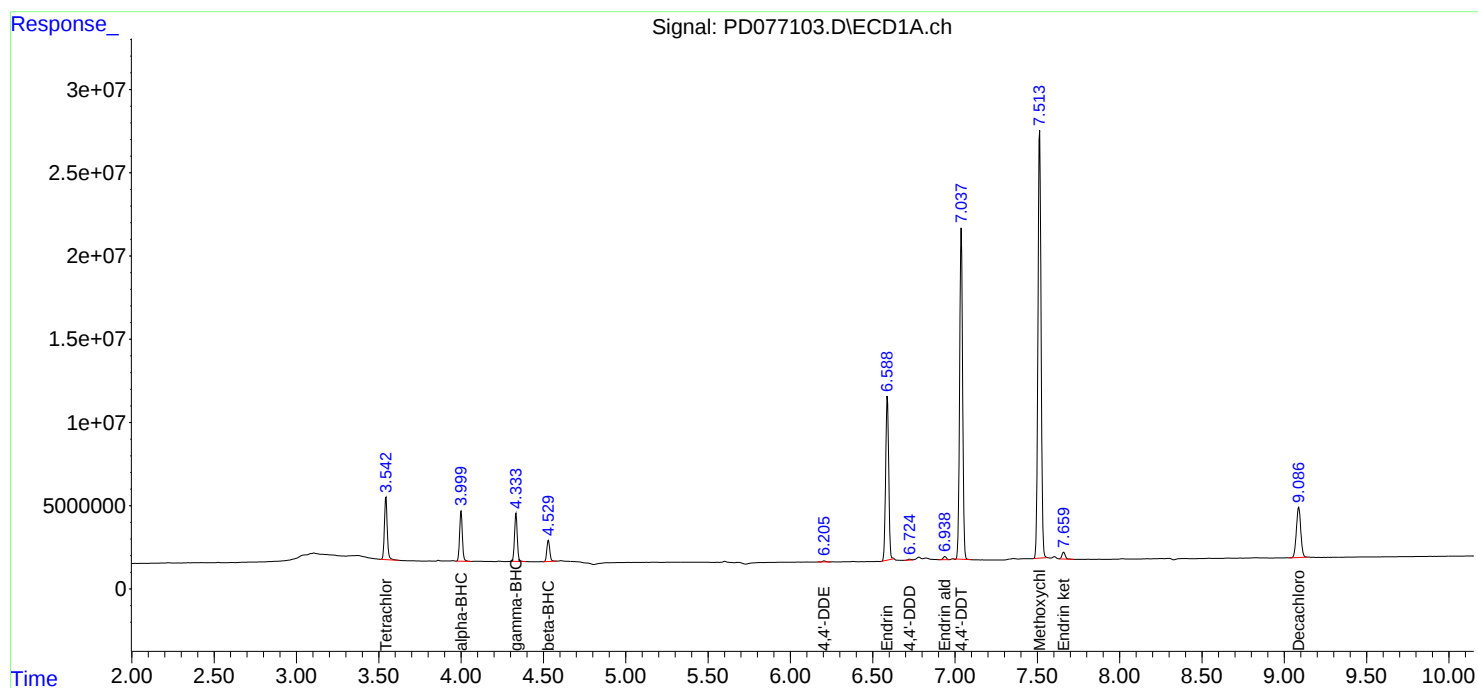
Instrument :
ECD_D
ClientSampleId :
PEM

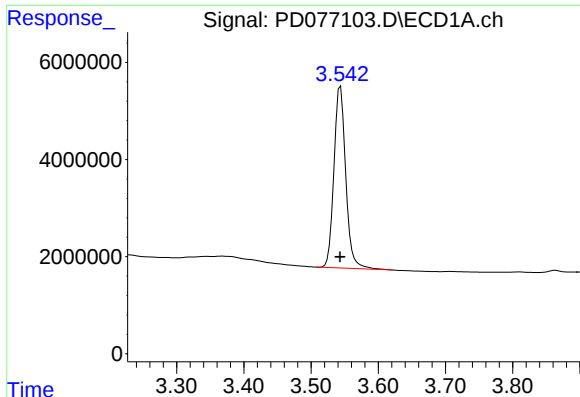
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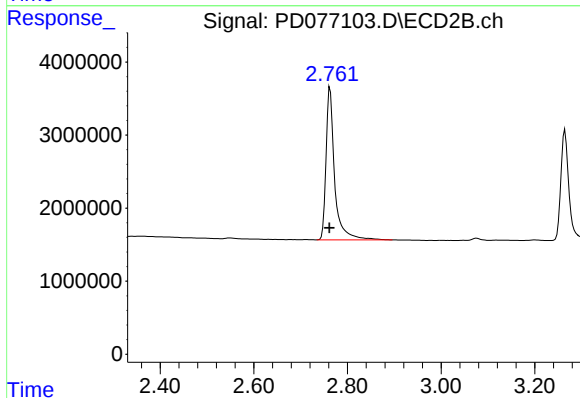
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 45216897
Conc: 19.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

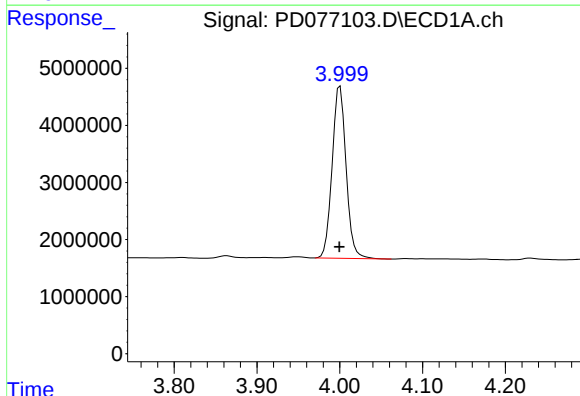
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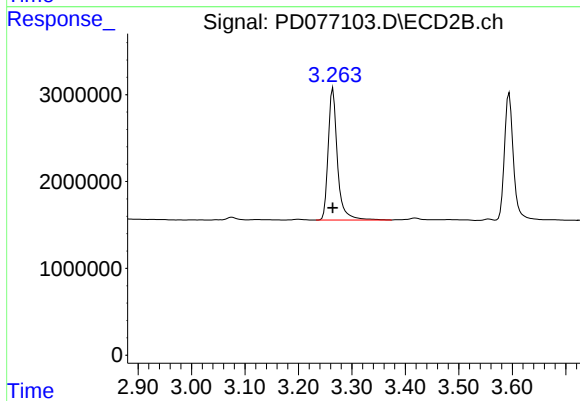
#1 Tetrachloro-m-xylene

R.T.: 2.763 min
Delta R.T.: 0.001 min
Response: 26674647
Conc: 19.58 ng/ml



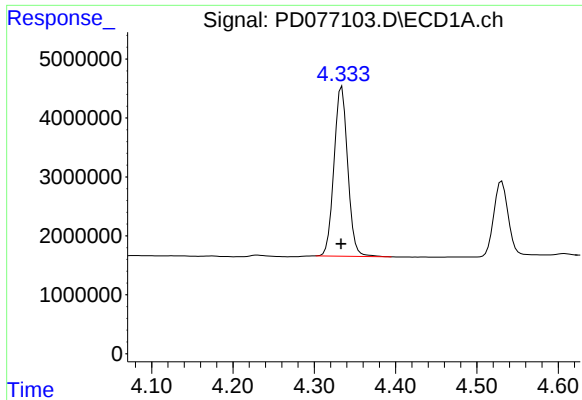
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 35307555
Conc: 9.20 ng/ml



#2 alpha-BHC

R.T.: 3.265 min
Delta R.T.: 0.000 min
Response: 18307011
Conc: 9.46 ng/ml



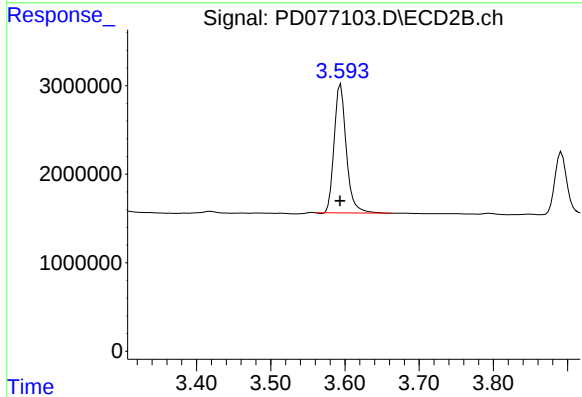
#3 gamma-BHC (Lindane)

R.T.: 4.334 min
Delta R.T.: 0.000 min
Response: 33725154
Conc: 9.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

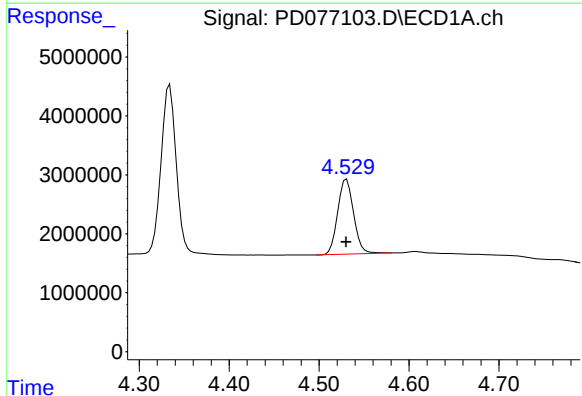
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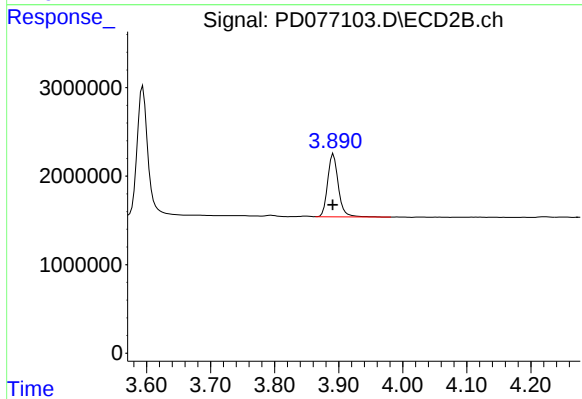
#3 gamma-BHC (Lindane)

R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 16576536
Conc: 8.91 ng/ml



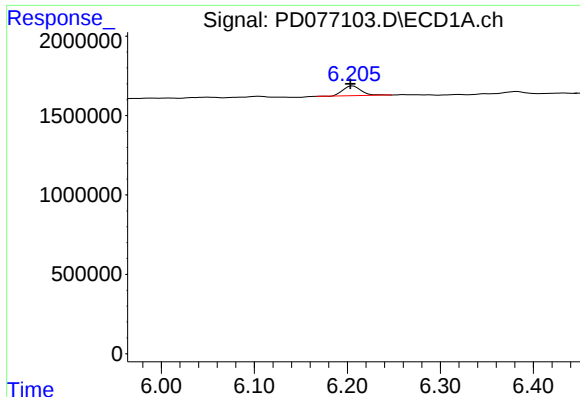
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 15703884
Conc: 10.44 ng/ml



#6 beta-BHC

R.T.: 3.892 min
Delta R.T.: 0.001 min
Response: 8212796
Conc: 10.77 ng/ml



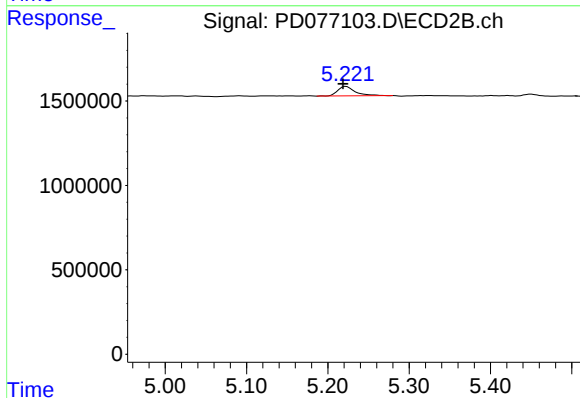
#12 4,4'-DDE

R.T.: 6.206 min
Delta R.T.: 0.003 min
Response: 827226
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

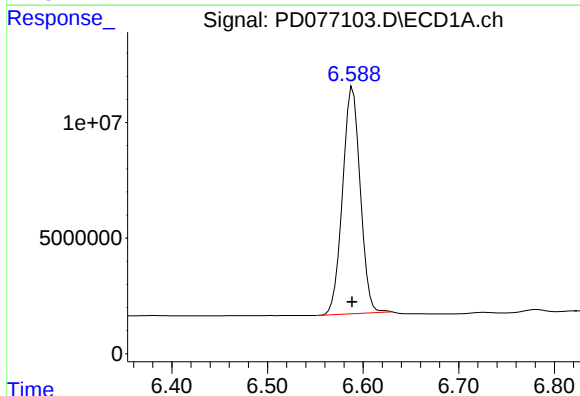
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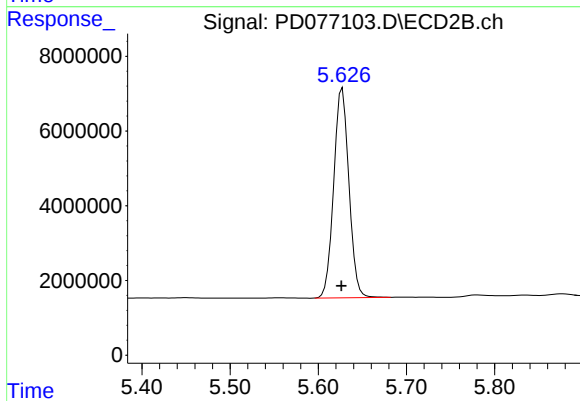
#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: 0.004 min
Response: 836949
Conc: 0.58 ng/ml



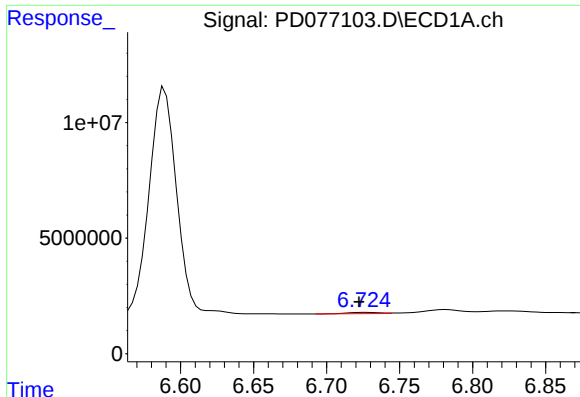
#14 Endrin

R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 126438988
Conc: 45.50 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: 0.001 min
Response: 67281105
Conc: 45.98 ng/ml



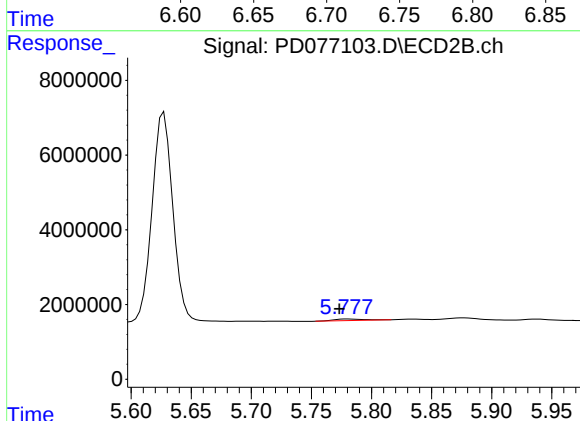
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.004 min
Response: 845043
Conc: 0.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

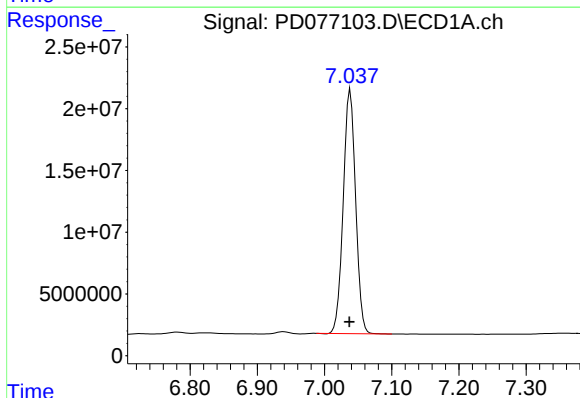
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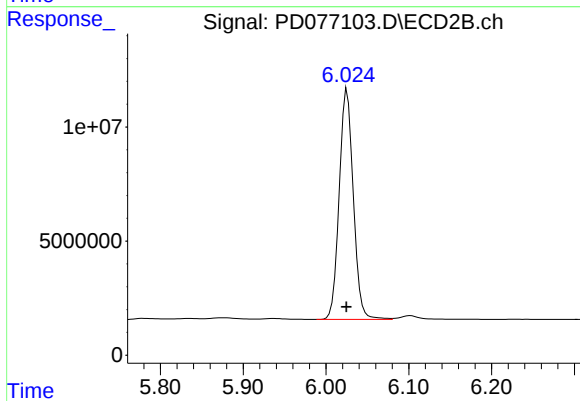
#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: 0.004 min
Response: 745294
Conc: 0.67 ng/ml m



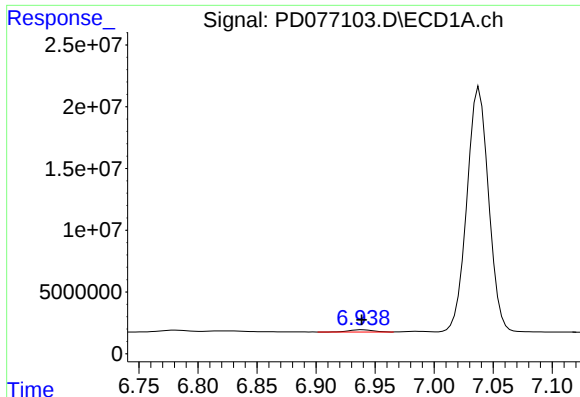
#17 4,4'-DDT

R.T.: 7.038 min
Delta R.T.: 0.001 min
Response: 252362643
Conc: 103.78 ng/ml



#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 119460486
Conc: 107.47 ng/ml



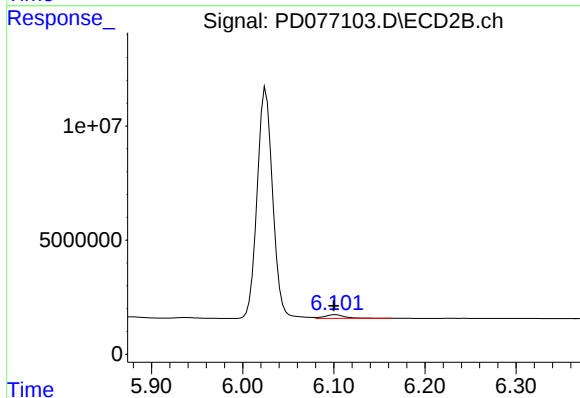
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: 0.000 min
Response: 2468372
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

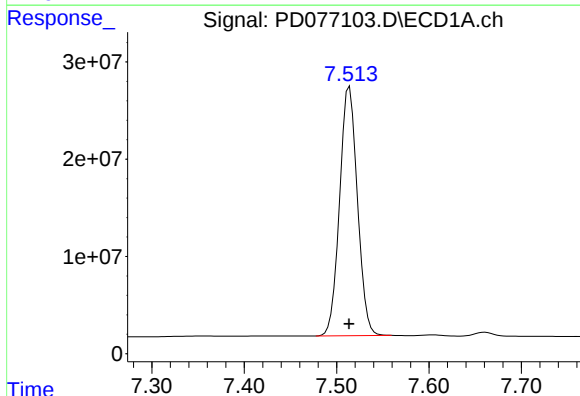
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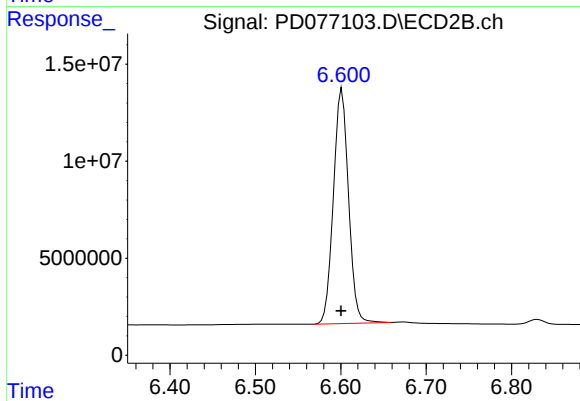
#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: 0.002 min
Response: 2493985
Conc: 2.19 ng/ml



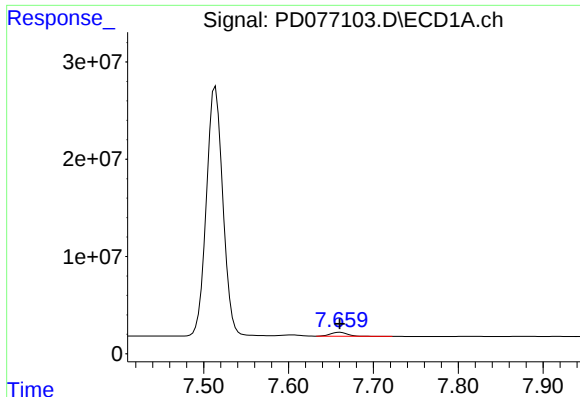
#20 Methoxychlor

R.T.: 7.514 min
Delta R.T.: 0.000 min
Response: 343284535
Conc: 242.28 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: 0.001 min
Response: 148847560
Conc: 248.93 ng/ml



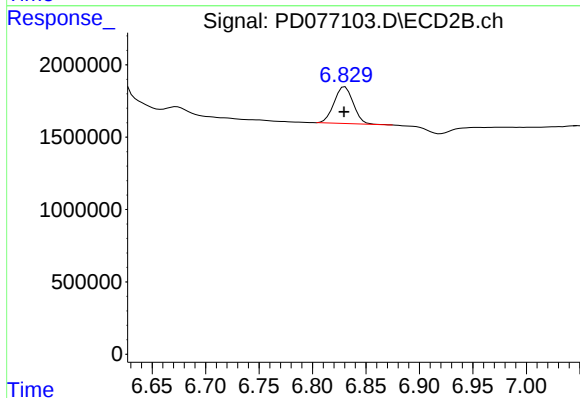
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: 0.000 min
Response: 5552868
Conc: 1.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

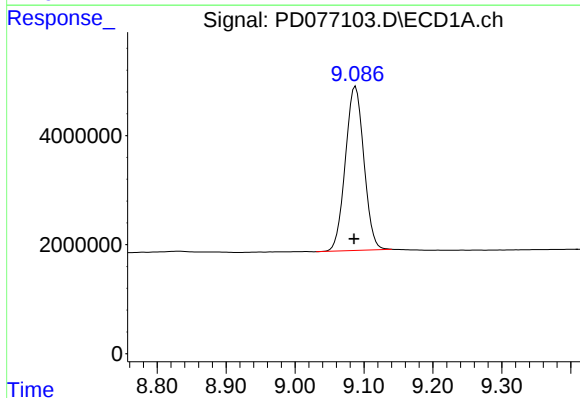
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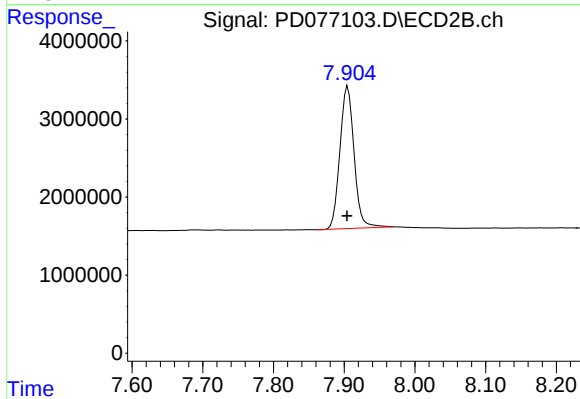
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 3161870
Conc: 1.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.088 min
Delta R.T.: 0.002 min
Response: 56169916
Conc: 20.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.905 min
Delta R.T.: 0.001 min
Response: 25388153
Conc: 17.74 ng/ml