

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071524\
 Data File : PD083929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2024 11:09
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/16/2024
 Supervised By :Ankita Jodhani 07/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 04:24:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071524.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 16 04:22:06 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...	3.561	2.771	20419396	114.6E6	19.970	19.933
28)	SA Decachlor...	9.118	7.898	46943866	136.9E6	20.563	21.321
Target Compounds							
2)	A alpha-BHC	4.019	3.270	18288093	89513298	9.310	10.097
3)	MA gamma-BHC...	4.353	3.599	18357293	78607409	9.499	9.831
6)	B beta-BHC	4.551	3.897	7984790	37583998	10.066	10.682
14)	MA Endrin	6.612	5.627	80246563	312.6E6	44.959	47.273
16)	A 4,4'-DDD	6.746	5.773	293524	1269822	0.194	0.229m
17)	MA 4,4'-DDT	7.061	6.024	168.2E6	596.7E6	97.956	104.027
18)	B Endrin al...	6.962	6.101	1578652	9072144	1.075	1.808 #
20)	A Methoxychlor	7.537	6.598	237.6E6	667.3E6	241.121	226.208
21)	B Endrin ke...	7.684	6.828	3548271	15126890	1.718	2.234 #

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

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Acq On : 15 Jul 2024 11:09
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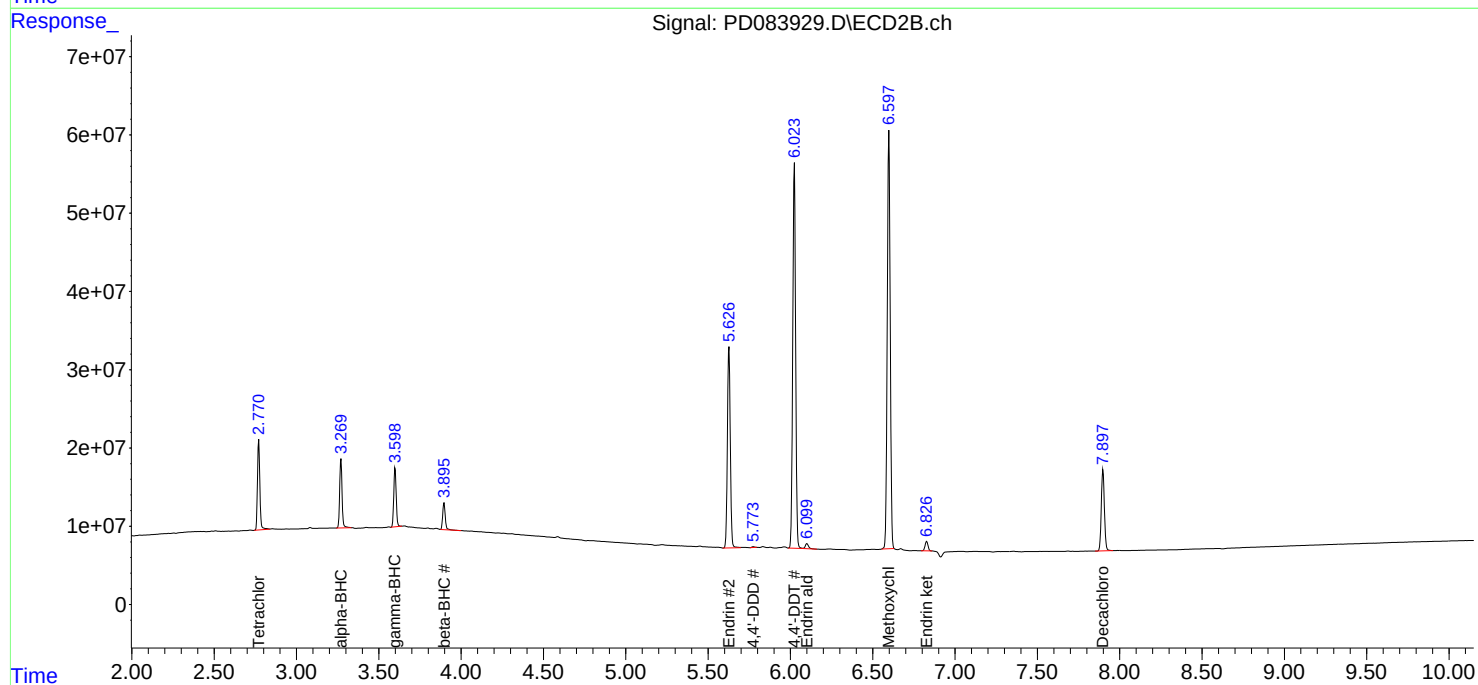
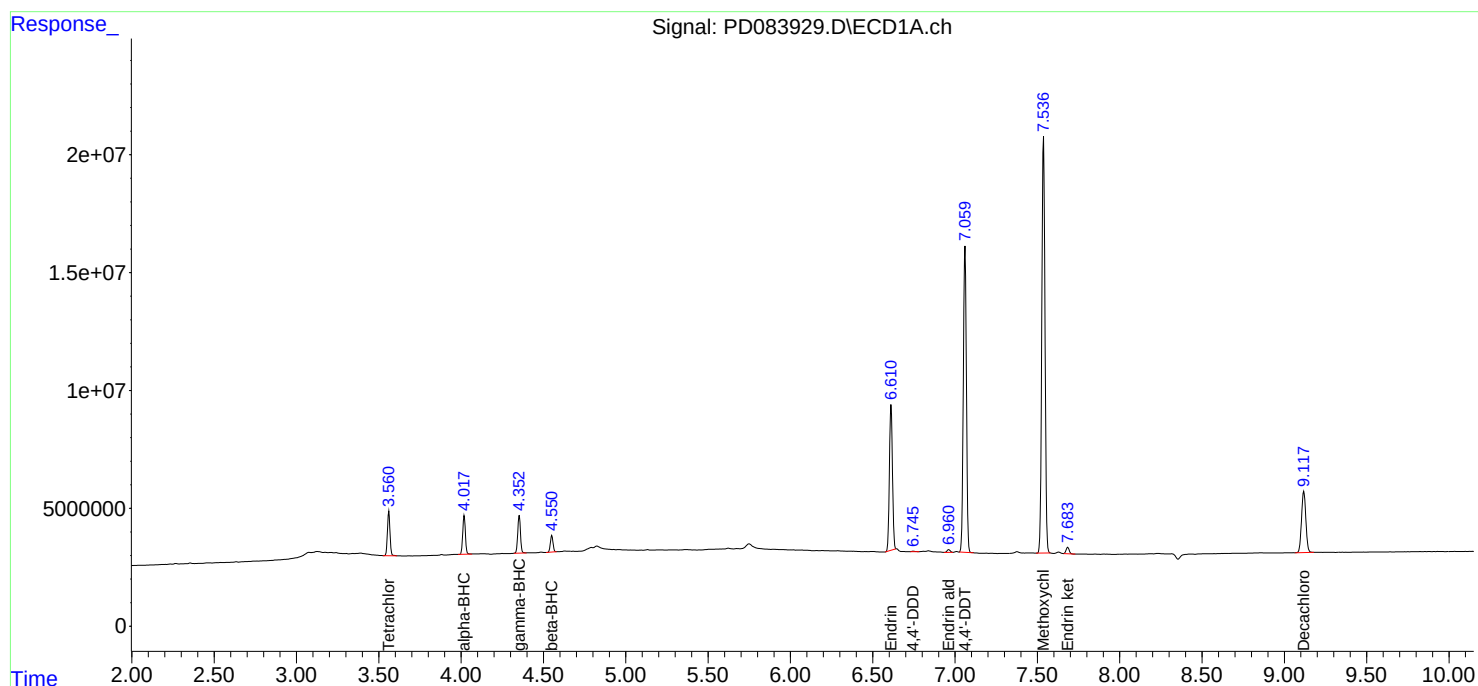
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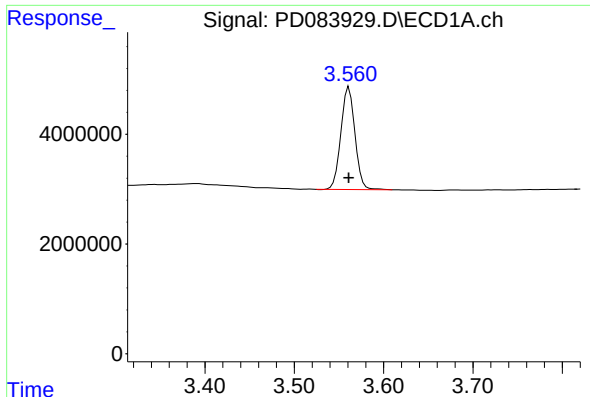
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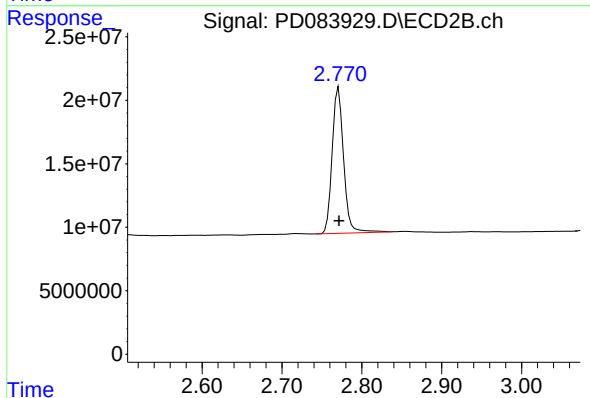
#1 Tetrachloro-m-xylene

R.T.: 3.561 min
Delta R.T.: 0.000 min
Response: 20419396
Conc: 19.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

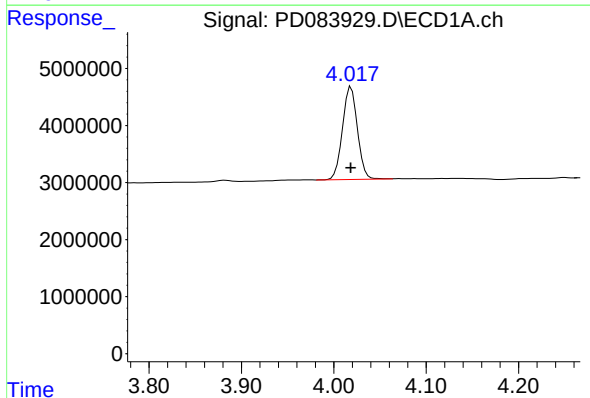
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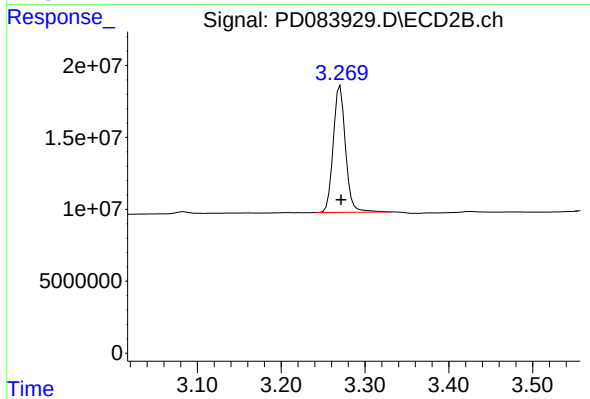
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 114607578
Conc: 19.93 ng/ml



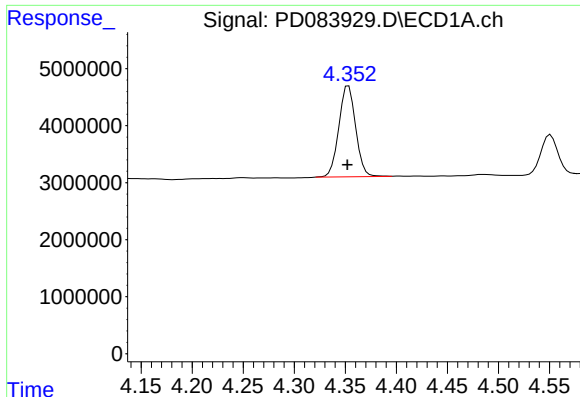
#2 alpha-BHC

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 18288093
Conc: 9.31 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 89513298
Conc: 10.10 ng/ml



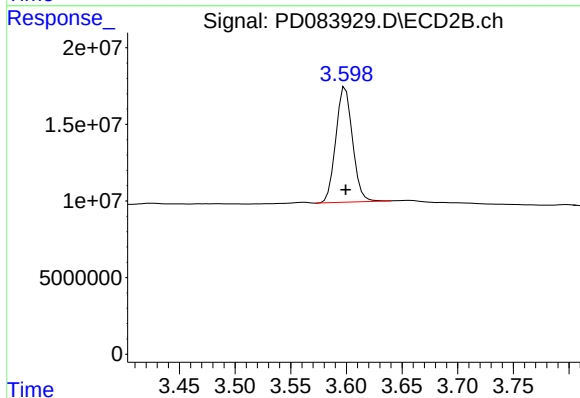
#3 gamma-BHC (Lindane)

R.T.: 4.353 min
Delta R.T.: 0.000 min
Response: 18357293
Conc: 9.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

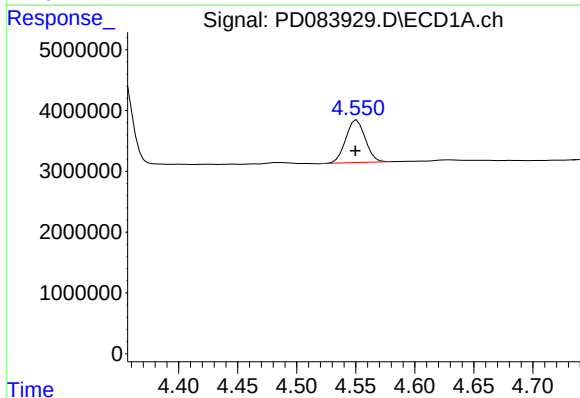
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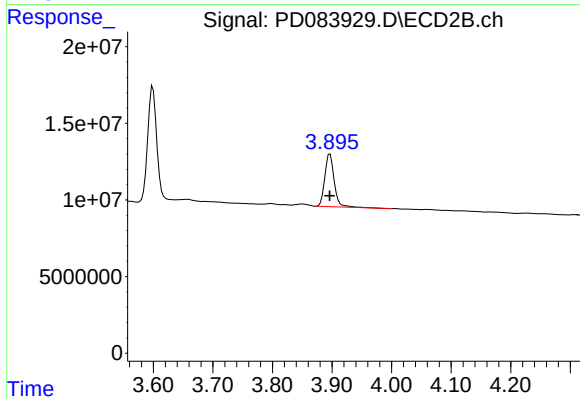
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 78607409
Conc: 9.83 ng/ml



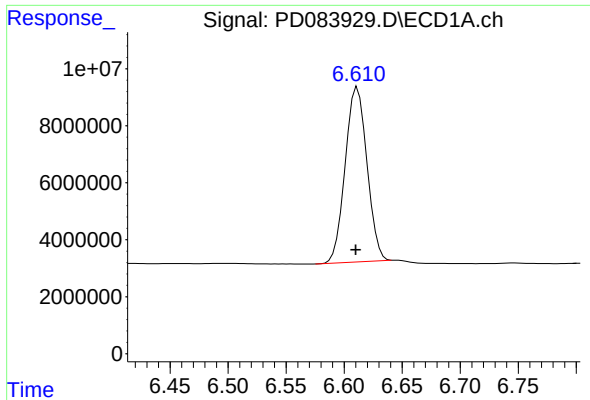
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.001 min
Response: 7984790
Conc: 10.07 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 37583998
Conc: 10.68 ng/ml



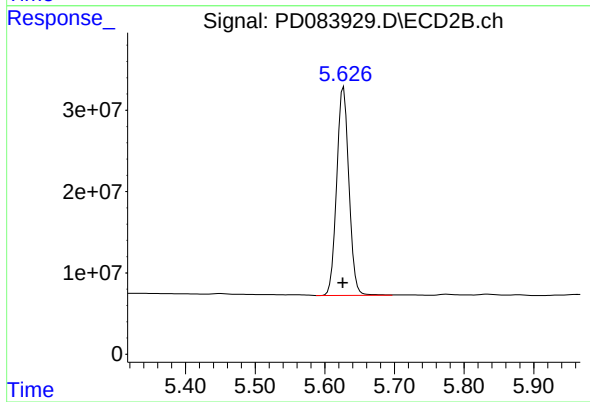
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.002 min
Response: 80246563
Conc: 44.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

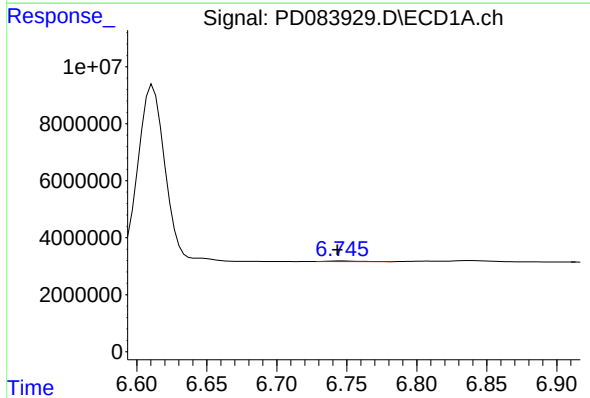
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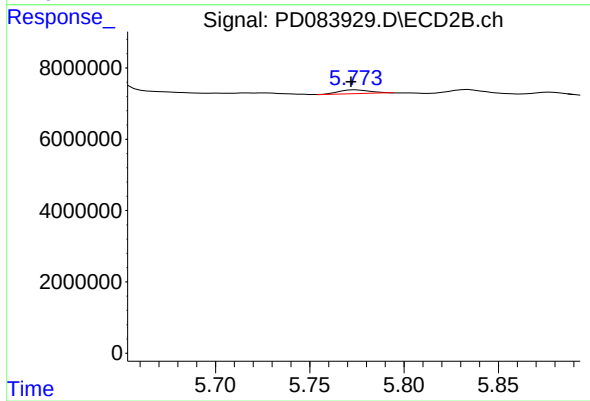
#14 Endrin

R.T.: 5.627 min
Delta R.T.: 0.001 min
Response: 312617534
Conc: 47.27 ng/ml



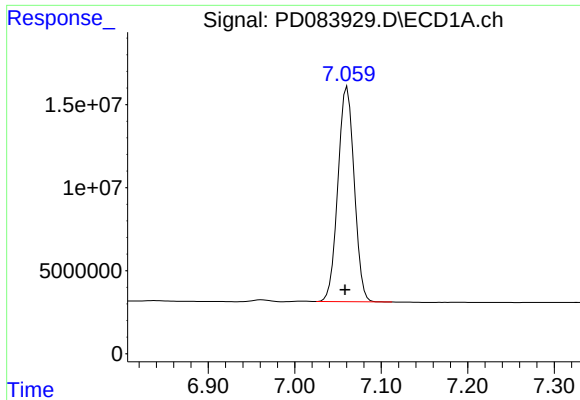
#16 4,4'-DDD

R.T.: 6.746 min
Delta R.T.: 0.003 min
Response: 293524
Conc: 0.19 ng/ml



#16 4,4'-DDD

R.T.: 5.773 min
Delta R.T.: 0.001 min
Response: 1269822
Conc: 0.23 ng/ml m



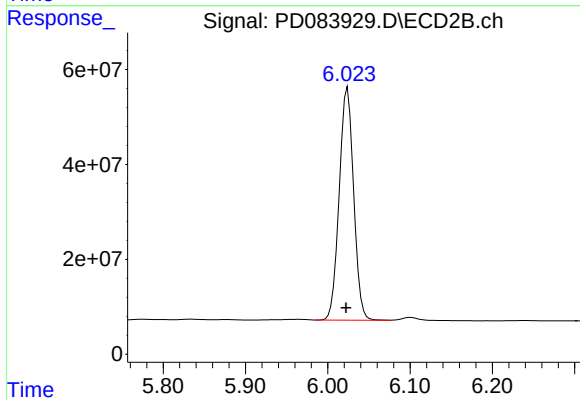
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.003 min
Response: 168239508
Conc: 97.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM

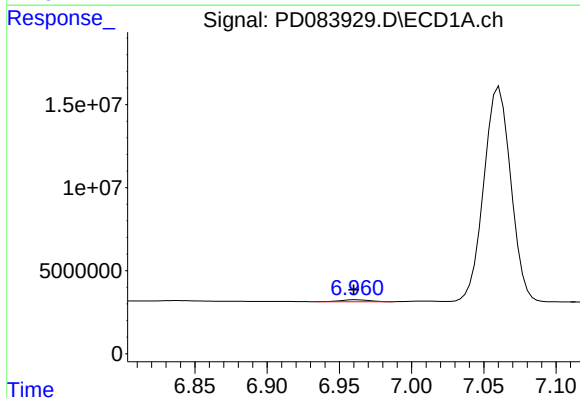
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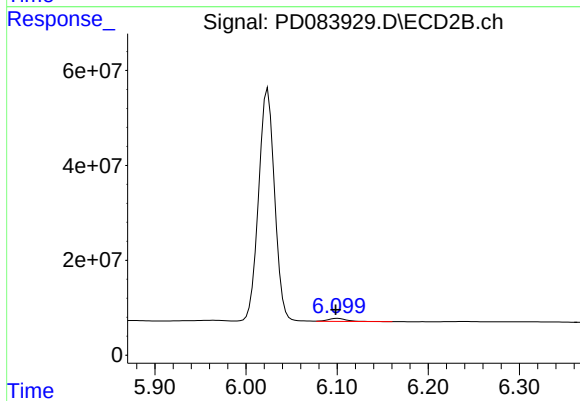
#17 4,4'-DDT

R.T.: 6.024 min
Delta R.T.: 0.002 min
Response: 596693331
Conc: 104.03 ng/ml



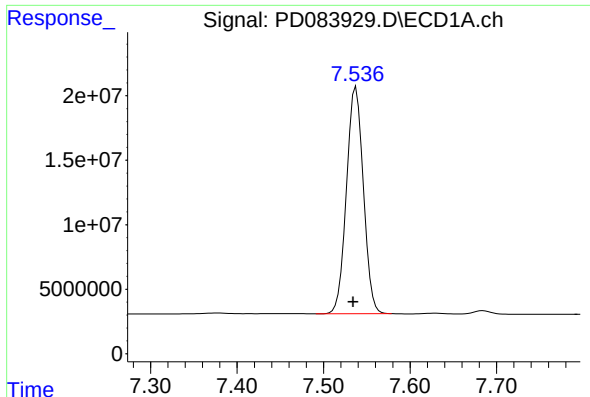
#18 Endrin aldehyde

R.T.: 6.962 min
Delta R.T.: 0.002 min
Response: 1578652
Conc: 1.07 ng/ml



#18 Endrin aldehyde

R.T.: 6.101 min
Delta R.T.: 0.002 min
Response: 9072144
Conc: 1.81 ng/ml



#20 Methoxychlor

R.T.: 7.537 min
Delta R.T.: 0.003 min
Response: 237581381
Conc: 241.12 ng/ml

Instrument :

ECD_D

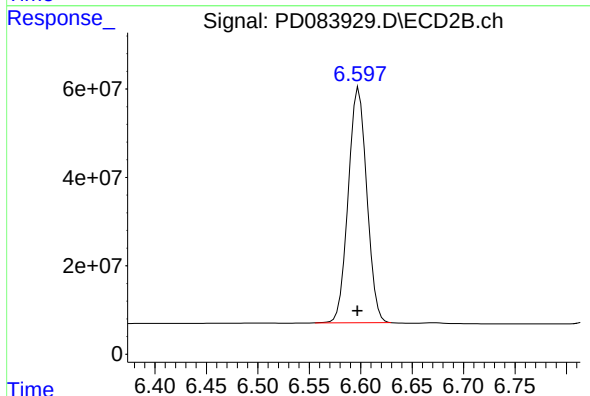
ClientSampleId :

PEM

Manual Integrations

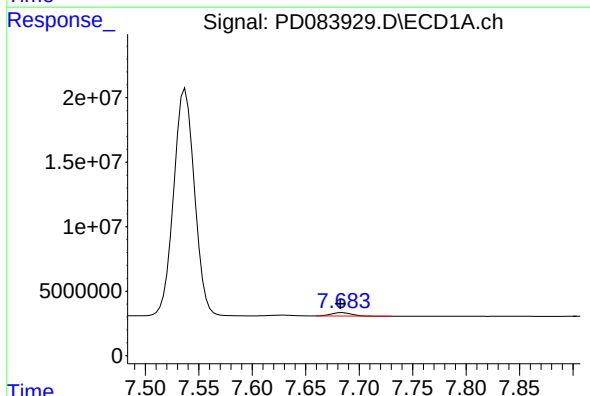
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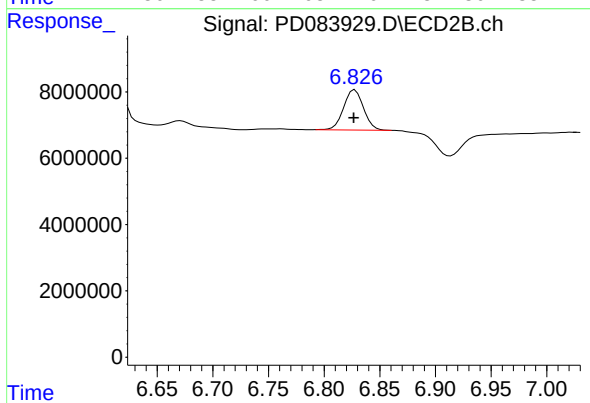
#20 Methoxychlor

R.T.: 6.598 min
Delta R.T.: 0.001 min
Response: 667268333
Conc: 226.21 ng/ml



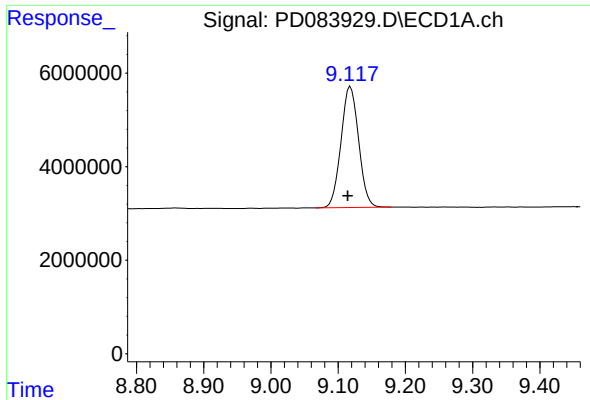
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.002 min
Response: 3548271
Conc: 1.72 ng/ml



#21 Endrin ketone

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 15126890
Conc: 2.23 ng/ml



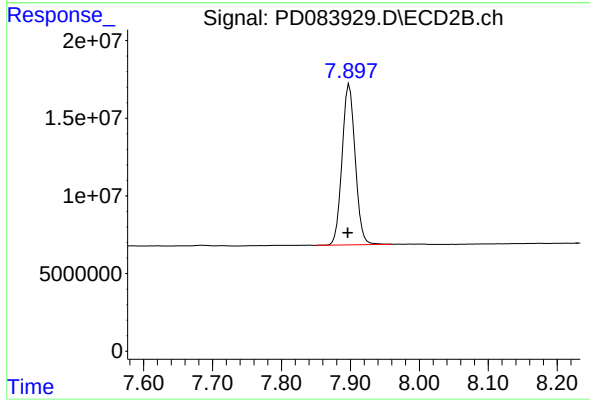
#28 Decachlorobiphenyl

R.T.: 9.118 min
Delta R.T.: 0.004 min
Response: 46943866
Conc: 20.56 ng/ml

Instrument :
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#28 Decachlorobiphenyl

R.T.: 7.898 min
Delta R.T.: 0.002 min
Response: 136924614
Conc: 21.32 ng/ml