

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012820\
 Data File : PD057080.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2020 15:06
 Operator : AJ\MA
 Sample : PB126402BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB126402BS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 00:26:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 20 05:43:46 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.286	3.961	17613680	37996971	21.328	23.221
28)	SA Decachlor...	7.959	8.999	21922515	39047796	22.620	23.427
Target Compounds							
2)	A alpha-BHC	3.712	4.348	73611735	150.5E6	56.358	59.494
3)	MA gamma-BHC...	3.988	4.630	70343706	145.1E6	52.745	59.372
4)	MA Heptachlor	4.273	5.135	65046792	144.4E6	55.758	60.370m
5)	MB Aldrin	4.512	5.439	64571613	136.1E6	55.548	60.057m
6)	B beta-BHC	4.236	4.800	27530759	60183728	53.291m	57.200
7)	B delta-BHC	4.433	5.016	61123053	120.1E6	49.065	53.681
8)	B Heptachlo...	4.949	5.824	60611996	125.7E6	56.450	57.894
9)	A Endosulfan I	5.279	6.179	57148053	118.5E6	58.150	58.408
10)	B gamma-Chl...	5.171	6.057	61696763	130.2E6	56.802	58.480
11)	B alpha-Chl...	5.228	6.130	61500073	129.4E6	56.813	58.104
12)	B 4,4'-DDE	5.396	6.286	60066590	121.2E6	63.601	60.682
13)	MA Dieldrin	5.519	6.435	61536138	126.1E6	57.773	58.868
14)	MA Endrin	5.772	6.652	52247946	103.0E6	58.769	59.823
15)	B Endosulfa...	6.047	6.860	55078292	110.0E6	56.802	57.674
16)	A 4,4'-DDD	5.907	6.774	46714515	97132807	55.712	57.740
17)	MA 4,4'-DDT	6.143	7.072	45828609	97718455	63.655	63.456
18)	B Endrin al...	6.215	6.984	46709212	93206535	55.238	56.498
19)	B Endosulfa...	6.426	7.207	49879423	101.6E6	54.429	55.495
20)	A Methoxychlor	6.691	7.530	22558490	50352328	57.501	57.062
21)	B Endrin ke...	6.911	7.676	61514922	116.0E6	55.973	56.420
22)	Mirex	7.084	8.129	45747821	81157873	54.437	55.409

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012820\
Data File : PD057080.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2020 15:06
Operator : AJ\MA
Sample : PB126402BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

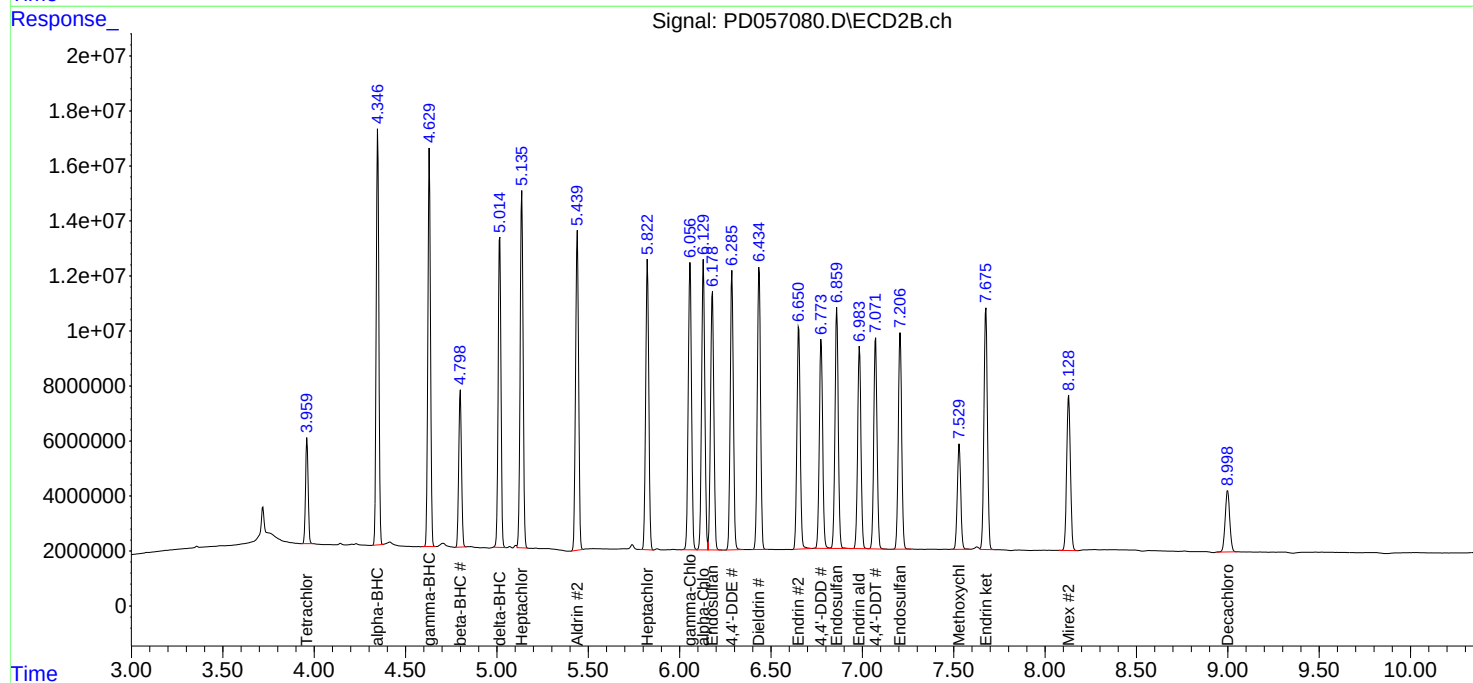
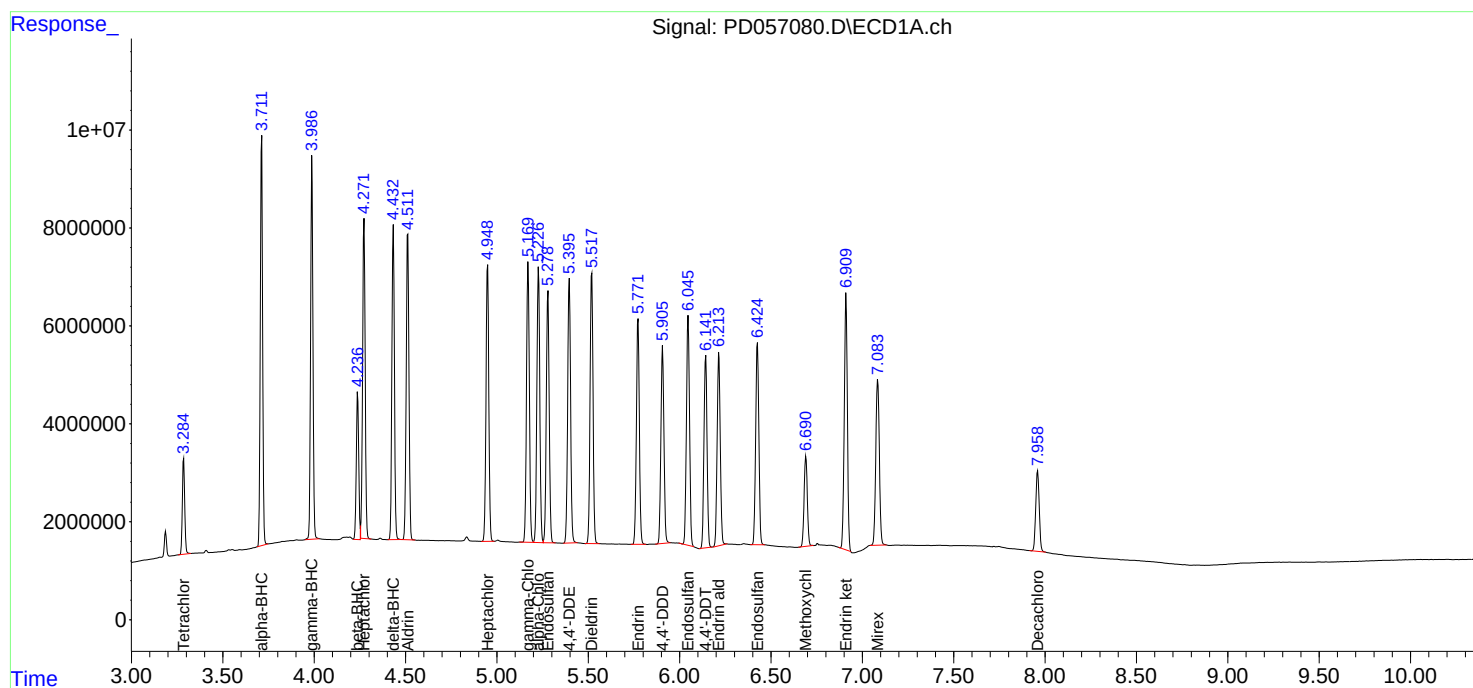
Instrument :
ECD_D
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PB126402BS

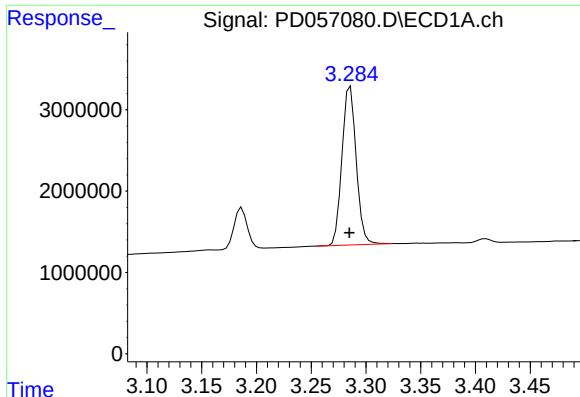
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:26:47 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
Quant Title : GC Extractables
QLast Update : Mon Jan 20 05:43:46 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





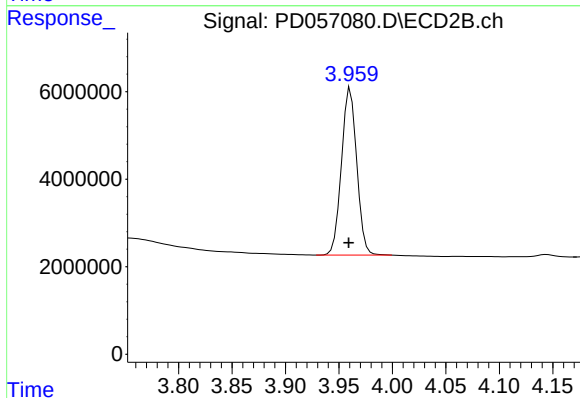
#1 Tetrachloro-m-xylene

R.T.: 3.286 min
Delta R.T.: 0.000 min
Response: 17613680
Conc: 21.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB126402BS

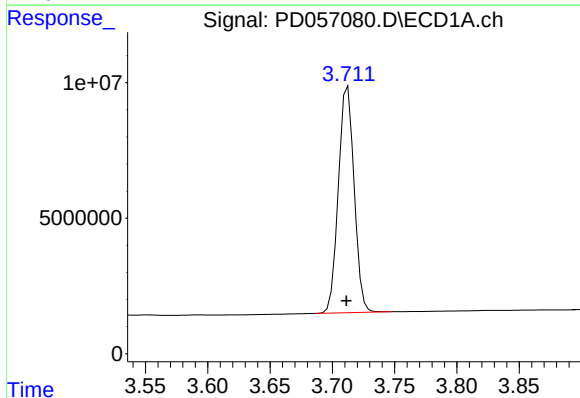
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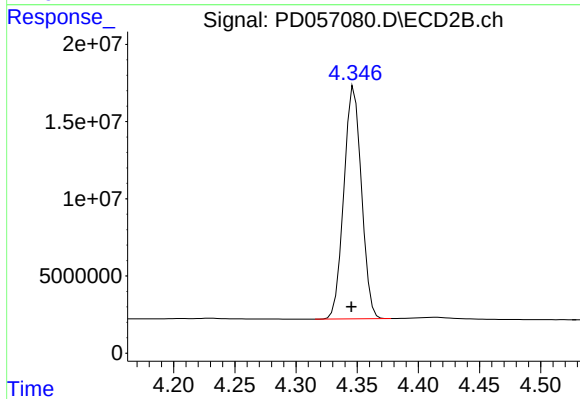
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: 0.001 min
Response: 37996971
Conc: 23.22 ng/ml



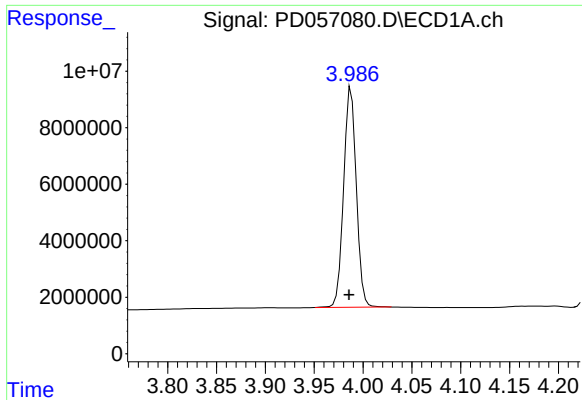
#2 alpha-BHC

R.T.: 3.712 min
Delta R.T.: 0.001 min
Response: 73611735
Conc: 56.36 ng/ml



#2 alpha-BHC

R.T.: 4.348 min
Delta R.T.: 0.002 min
Response: 150531270
Conc: 59.49 ng/ml



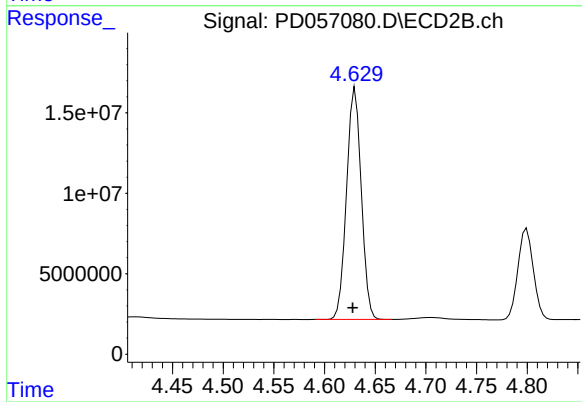
#3 gamma-BHC (Lindane)

R.T.: 3.988 min
Delta R.T.: 0.002 min
Response: 70343706
Conc: 52.74 ng/ml

Instrument :
ECD_D
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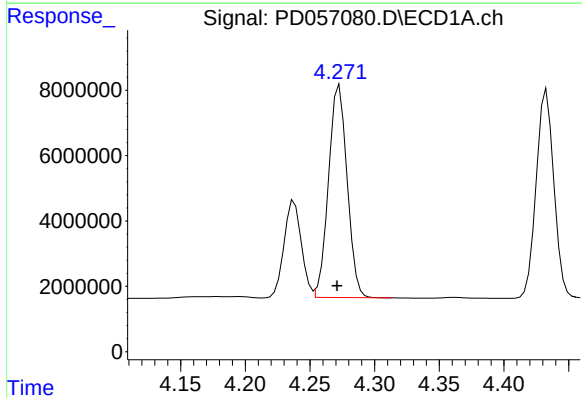
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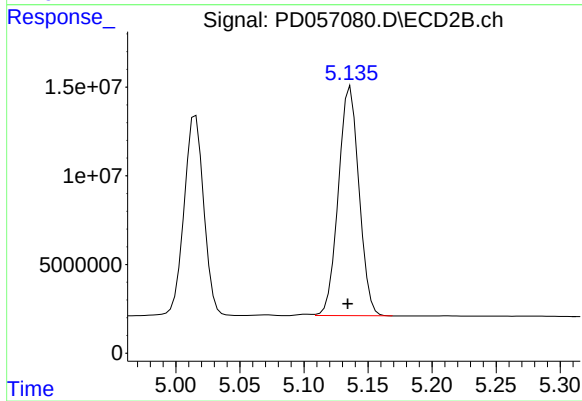
#3 gamma-BHC (Lindane)

R.T.: 4.630 min
Delta R.T.: 0.002 min
Response: 145055170
Conc: 59.37 ng/ml



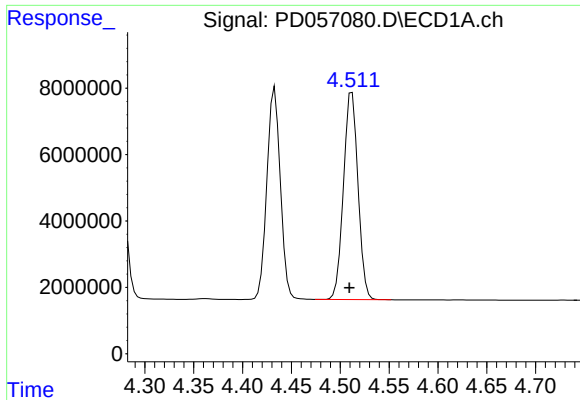
#4 Heptachlor

R.T.: 4.273 min
Delta R.T.: 0.002 min
Response: 65046792
Conc: 55.76 ng/ml



#4 Heptachlor

R.T.: 5.135 min
Delta R.T.: 0.000 min
Response: 144430093
Conc: 60.37 ng/ml m



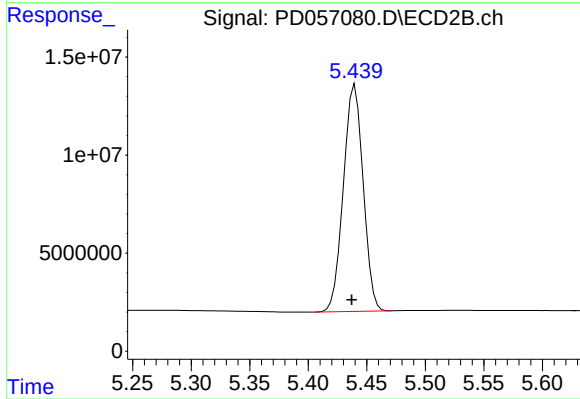
#5 Aldrin

R.T.: 4.512 min
Delta R.T.: 0.002 min
Response: 64571613
Conc: 55.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB126402BS

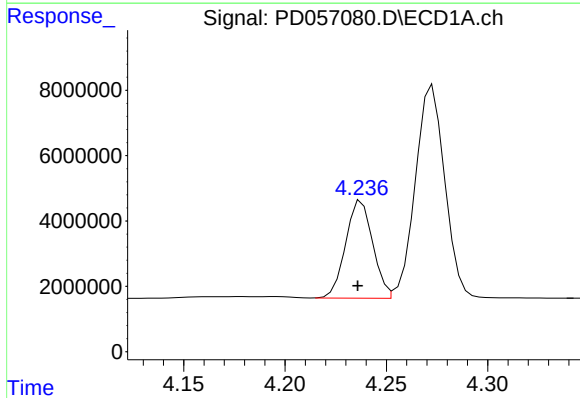
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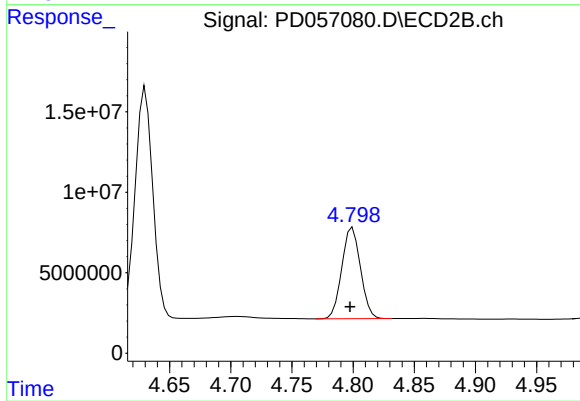
#5 Aldrin

R.T.: 5.439 min
Delta R.T.: 0.001 min
Response: 136142989
Conc: 60.06 ng/ml m



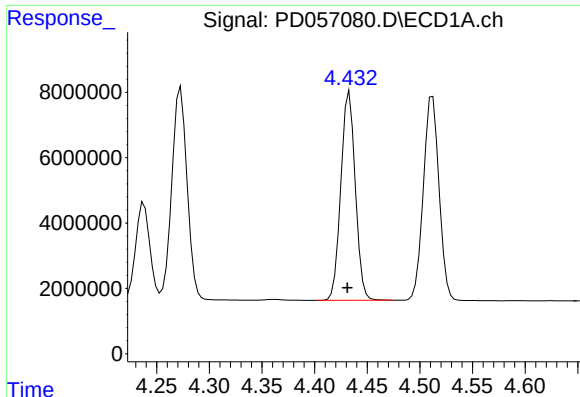
#6 beta-BHC

R.T.: 4.236 min
Delta R.T.: 0.000 min
Response: 27530759
Conc: 53.29 ng/ml m



#6 beta-BHC

R.T.: 4.800 min
Delta R.T.: 0.002 min
Response: 60183728
Conc: 57.20 ng/ml



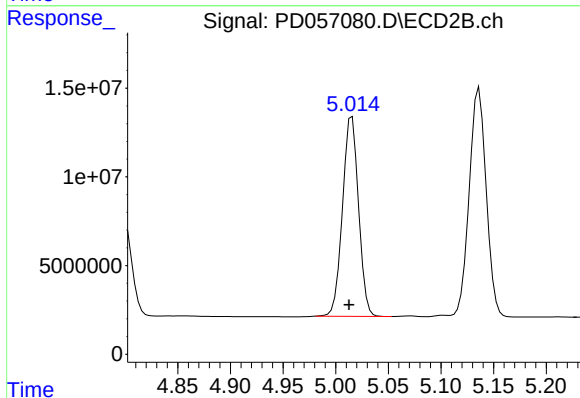
#7 delta-BHC

R.T.: 4.433 min
Delta R.T.: 0.002 min
Response: 61123053
Conc: 49.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB126402BS

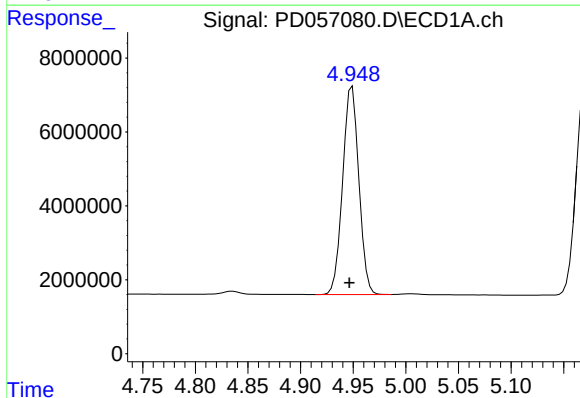
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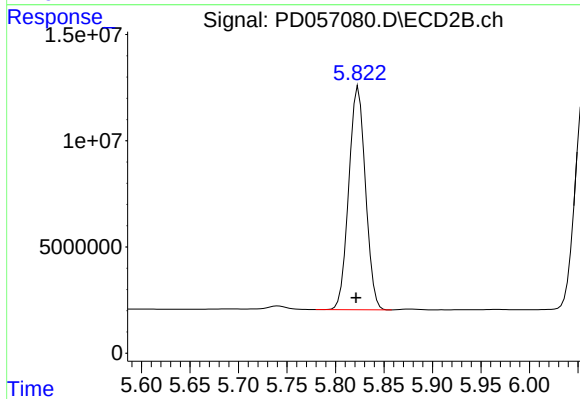
#7 delta-BHC

R.T.: 5.016 min
Delta R.T.: 0.003 min
Response: 120074514
Conc: 53.68 ng/ml



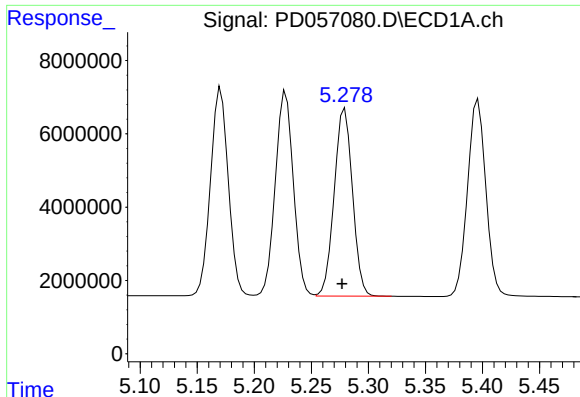
#8 Heptachlor epoxide

R.T.: 4.949 min
Delta R.T.: 0.003 min
Response: 60611996
Conc: 56.45 ng/ml



#8 Heptachlor epoxide

R.T.: 5.824 min
Delta R.T.: 0.002 min
Response: 125707974
Conc: 57.89 ng/ml



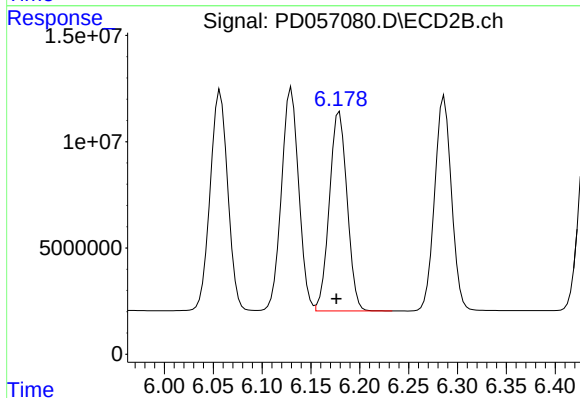
#9 Endosulfan I

R.T.: 5.279 min
Delta R.T.: 0.003 min
Response: 57148053
Conc: 58.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB126402BS

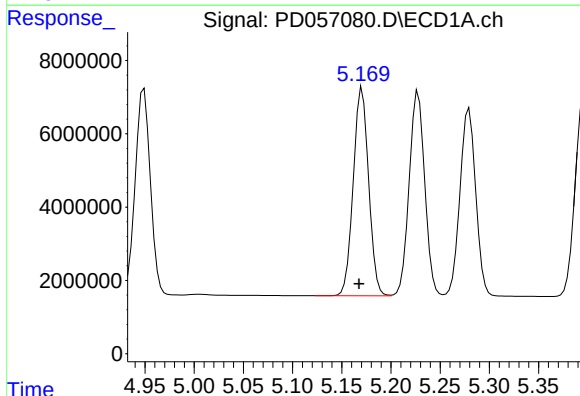
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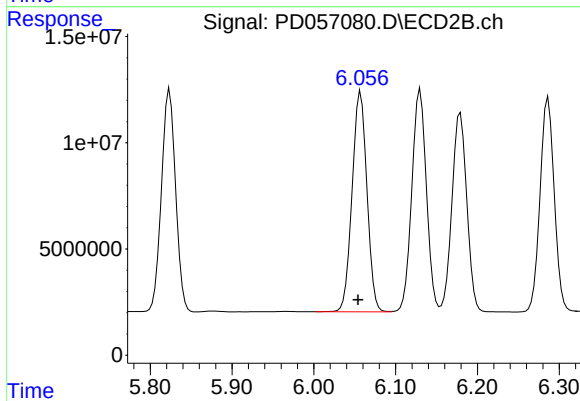
#9 Endosulfan I

R.T.: 6.179 min
Delta R.T.: 0.003 min
Response: 118489154
Conc: 58.41 ng/ml



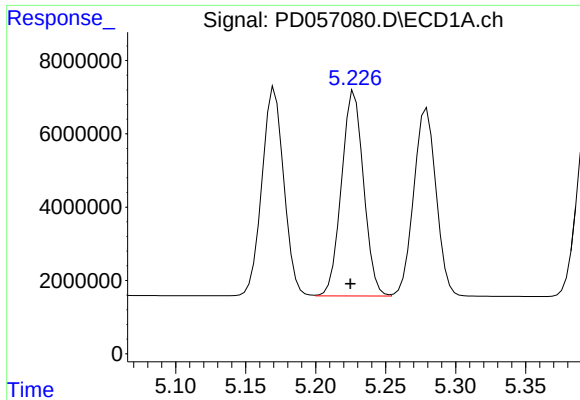
#10 gamma-Chlordane

R.T.: 5.171 min
Delta R.T.: 0.003 min
Response: 61696763
Conc: 56.80 ng/ml



#10 gamma-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.003 min
Response: 130200639
Conc: 58.48 ng/ml



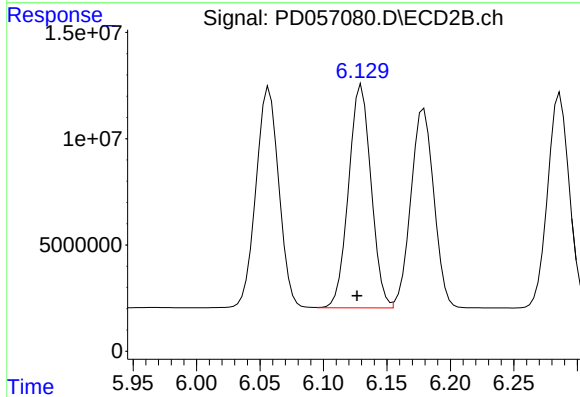
#11 alpha-Chlordane

R.T.: 5.228 min
Delta R.T.: 0.003 min
Response: 61500073
Conc: 56.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB126402BS

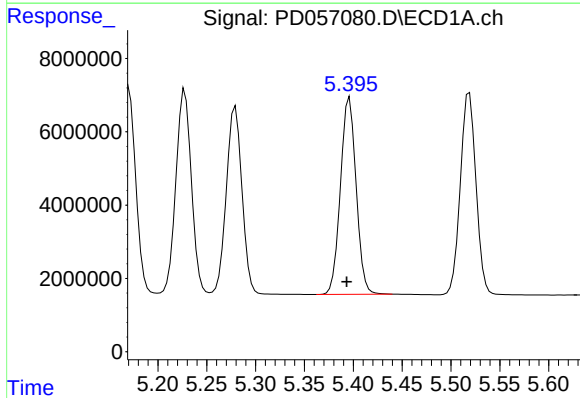
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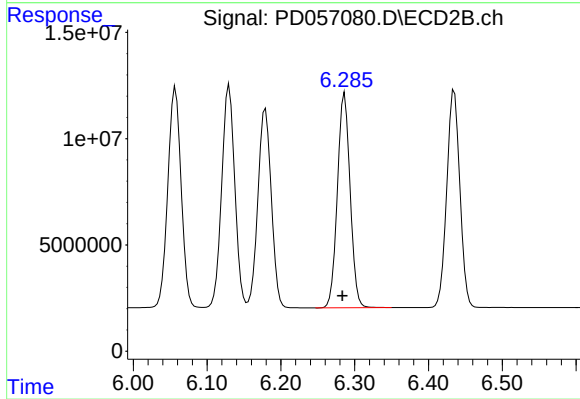
#11 alpha-Chlordane

R.T.: 6.130 min
Delta R.T.: 0.004 min
Response: 129358008
Conc: 58.10 ng/ml



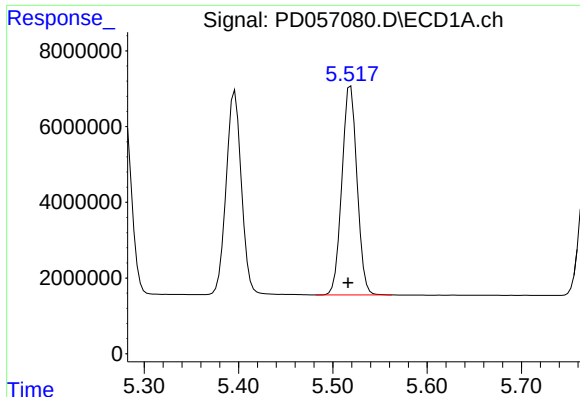
#12 4,4'-DDE

R.T.: 5.396 min
Delta R.T.: 0.003 min
Response: 60066590
Conc: 63.60 ng/ml



#12 4,4'-DDE

R.T.: 6.286 min
Delta R.T.: 0.003 min
Response: 121220184
Conc: 60.68 ng/ml



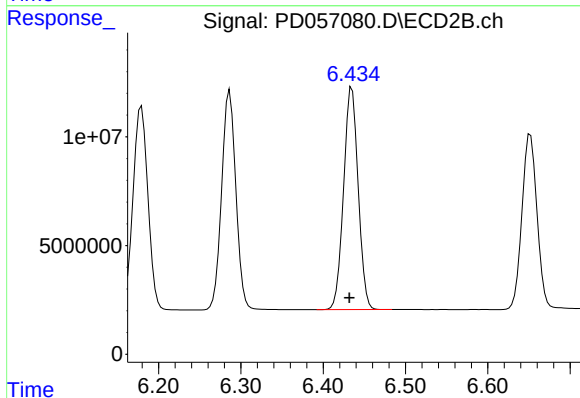
#13 Dieldrin

R.T.: 5.519 min
Delta R.T.: 0.003 min
Response: 61536138
Conc: 57.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB126402BS

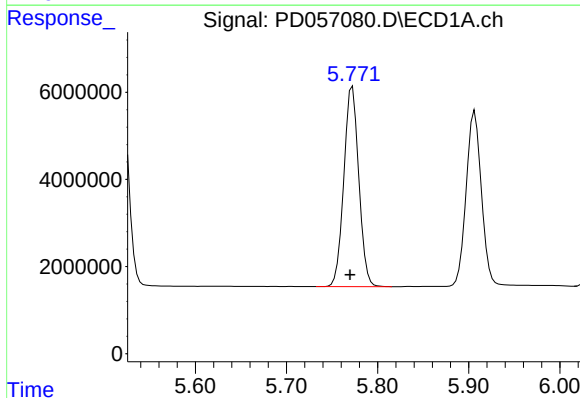
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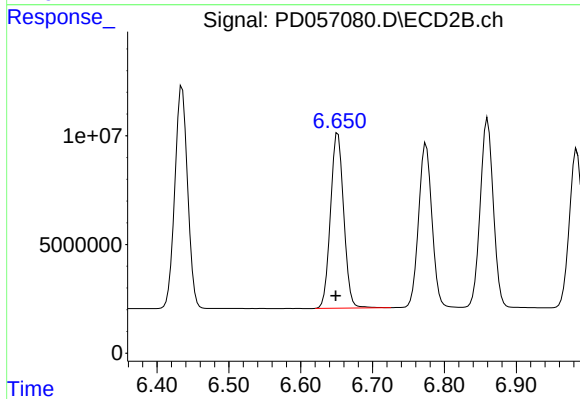
#13 Dieldrin

R.T.: 6.435 min
Delta R.T.: 0.003 min
Response: 126087950
Conc: 58.87 ng/ml



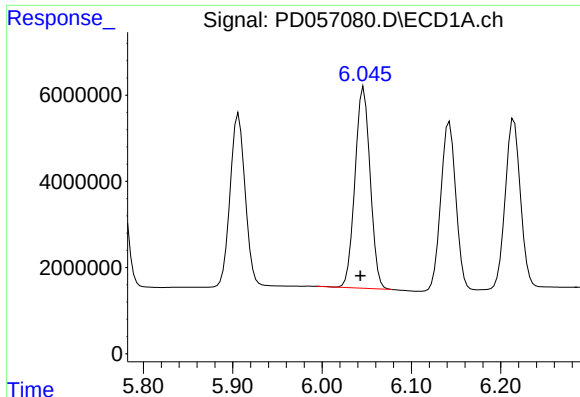
#14 Endrin

R.T.: 5.772 min
Delta R.T.: 0.003 min
Response: 52247946
Conc: 58.77 ng/ml



#14 Endrin

R.T.: 6.652 min
Delta R.T.: 0.003 min
Response: 102954752
Conc: 59.82 ng/ml



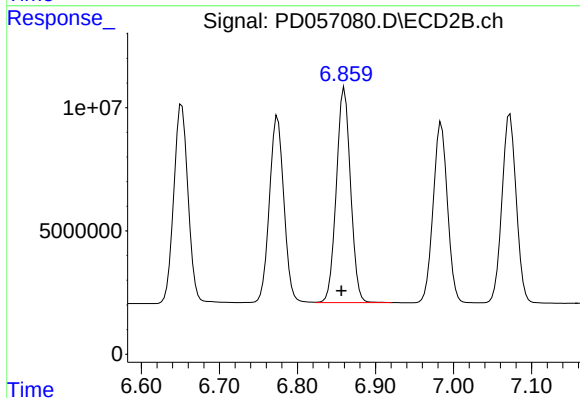
#15 Endosulfan II

R.T.: 6.047 min
Delta R.T.: 0.004 min
Response: 55078292
Conc: 56.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB126402BS

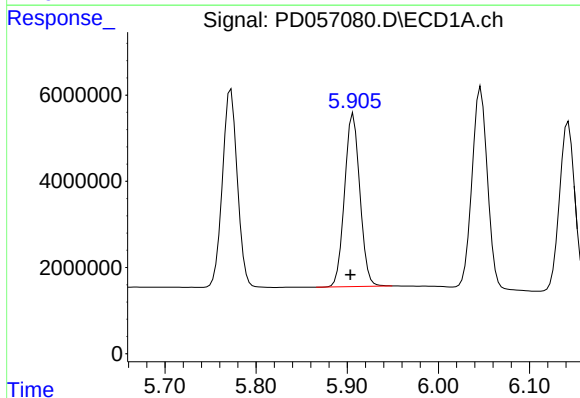
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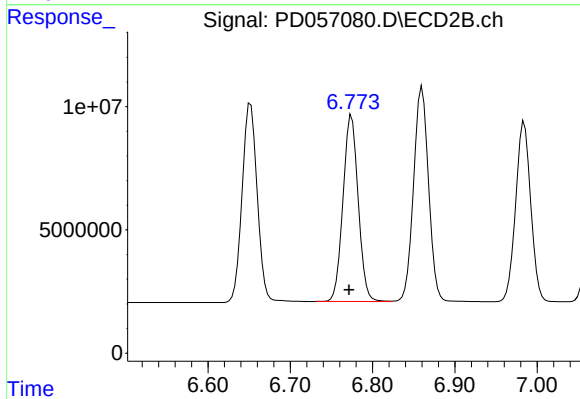
#15 Endosulfan II

R.T.: 6.860 min
Delta R.T.: 0.004 min
Response: 110048345
Conc: 57.67 ng/ml



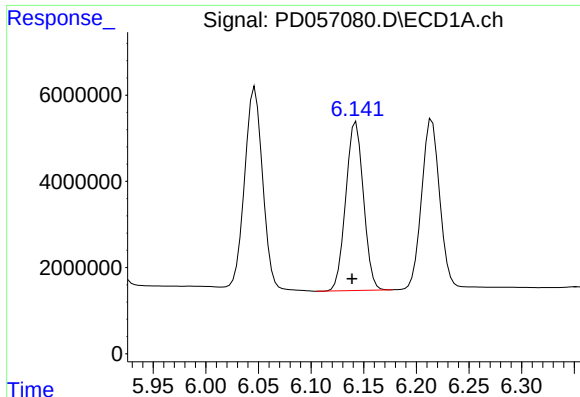
#16 4,4'-DDD

R.T.: 5.907 min
Delta R.T.: 0.003 min
Response: 46714515
Conc: 55.71 ng/ml



#16 4,4'-DDD

R.T.: 6.774 min
Delta R.T.: 0.003 min
Response: 97132807
Conc: 57.74 ng/ml



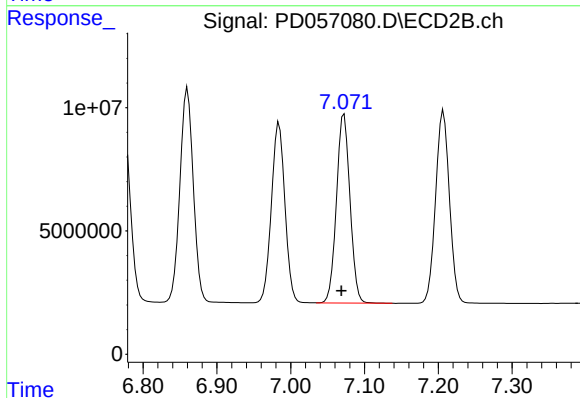
#17 4,4'-DDT

R.T.: 6.143 min
Delta R.T.: 0.004 min
Response: 45828609
Conc: 63.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB126402BS

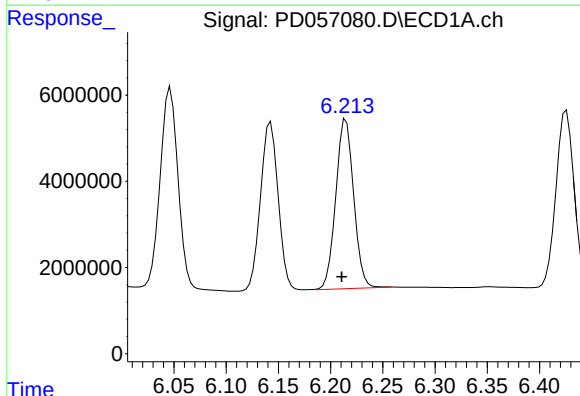
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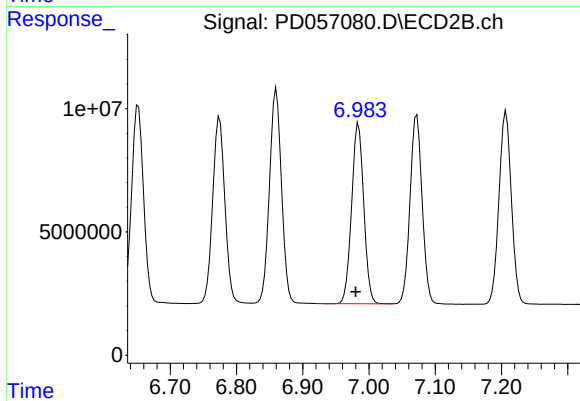
#17 4,4'-DDT

R.T.: 7.072 min
Delta R.T.: 0.003 min
Response: 97718455
Conc: 63.46 ng/ml



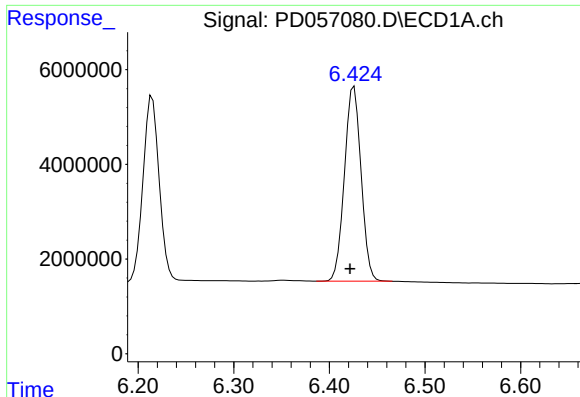
#18 Endrin aldehyde

R.T.: 6.215 min
Delta R.T.: 0.004 min
Response: 46709212
Conc: 55.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.984 min
Delta R.T.: 0.004 min
Response: 93206535
Conc: 56.50 ng/ml



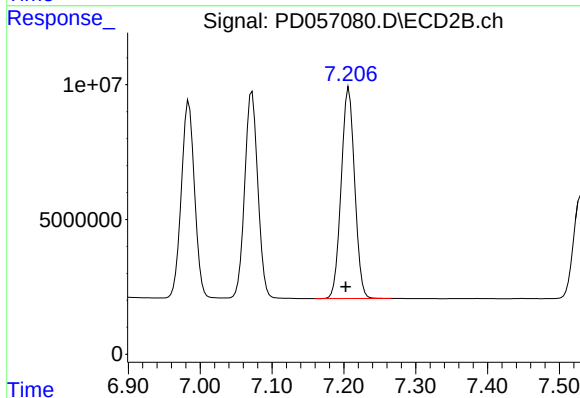
#19 Endosulfan Sulfate

R.T.: 6.426 min
Delta R.T.: 0.004 min
Response: 49879423
Conc: 54.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB126402BS

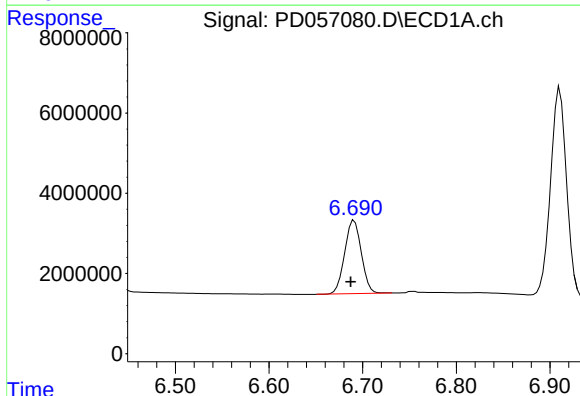
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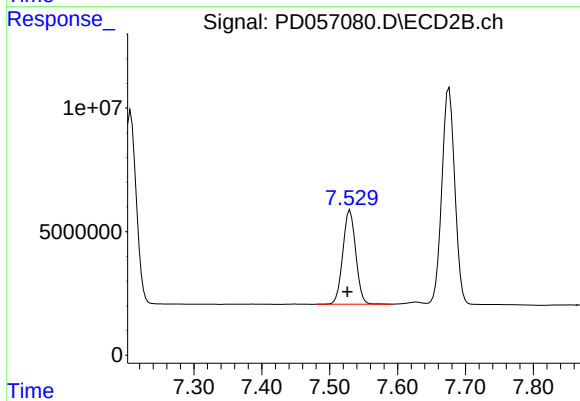
#19 Endosulfan Sulfate

R.T.: 7.207 min
Delta R.T.: 0.004 min
Response: 101636527
Conc: 55.49 ng/ml



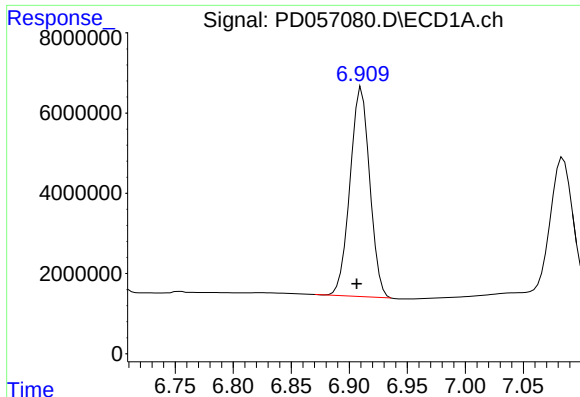
#20 Methoxychlor

R.T.: 6.691 min
Delta R.T.: 0.004 min
Response: 22558490
Conc: 57.50 ng/ml



#20 Methoxychlor

R.T.: 7.530 min
Delta R.T.: 0.004 min
Response: 50352328
Conc: 57.06 ng/ml



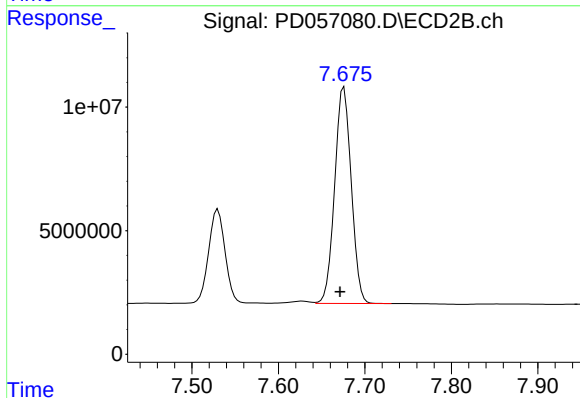
#21 Endrin ketone

R.T.: 6.911 min
Delta R.T.: 0.004 min
Response: 61514922
Conc: 55.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB126402BS

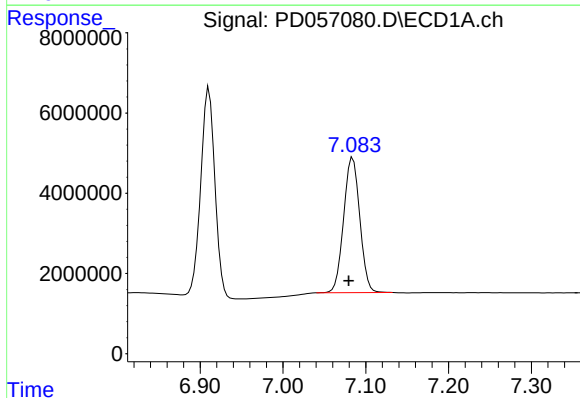
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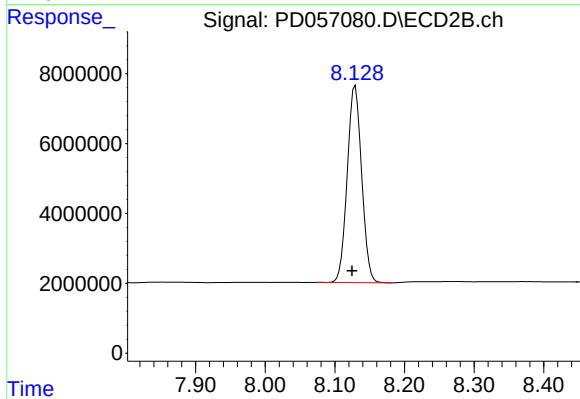
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: 0.005 min
Response: 115950713
Conc: 56.42 ng/ml



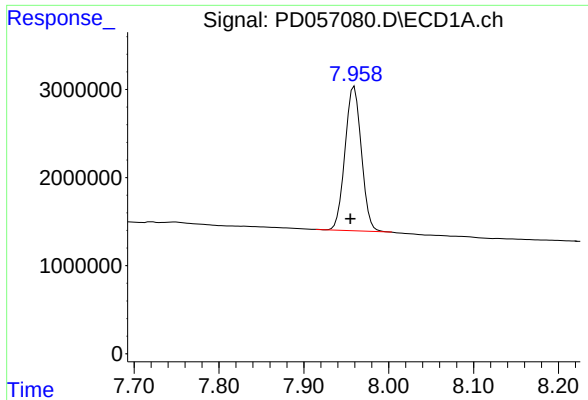
#22 Mirex

R.T.: 7.084 min
Delta R.T.: 0.005 min
Response: 45747821
Conc: 54.44 ng/ml



#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.005 min
Response: 81157873
Conc: 55.41 ng/ml



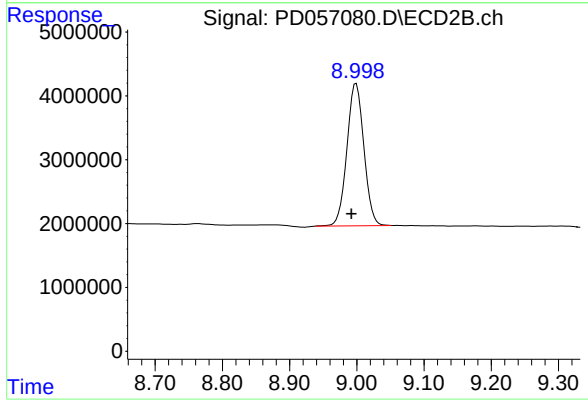
#28 Decachlorobiphenyl

R.T.: 7.959 min
Delta R.T.: 0.005 min
Response: 21922515
Conc: 22.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB126402BS

Manual Integrations
APPROVED

mohammad
1/29/2020 3:05:52 PM



#28 Decachlorobiphenyl

R.T.: 8.999 min
Delta R.T.: 0.007 min
Response: 39047796
Conc: 23.43 ng/ml