

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012820\
 Data File : PD057077.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jan 2020 14:24
 Operator : AJ\MA
 Sample : L1008-21MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 CL-02-012420MS

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 00:26:06 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	3.960	17422072	36417992	21.096	22.256
28)	SA Decachlor...	7.961	8.998	20273238	35655637	20.918	21.392
Target Compounds							
2)	A alpha-BHC	3.713	4.347	77349159	152.7E6	59.220	60.354
3)	MA gamma-BHC...	3.988	4.628	73588588	144.7E6	55.178	59.236m
4)	MA Heptachlor	4.273	5.136	66332906	138.9E6	56.860	58.058
5)	MB Aldrin	4.513	5.439	65150112	132.5E6	56.046	58.436
6)	B beta-BHC	4.239	4.799	28287244	60166613	54.755	57.184
7)	B delta-BHC	4.434	5.015	62685343	77894376	50.319	34.824 #
8)	B Heptachlo...	4.949	5.823	61123435	95002039	56.926	43.752
9)	A Endosulfan I	5.281	6.179	57299035	120.1E6	58.303	59.223
10)	B gamma-Chl...	5.172	6.056	61949492	128.3E6	57.035	57.645m
11)	B alpha-Chl...	5.229	6.129	61393093	131.6E6	56.714	59.122
12)	B 4,4'-DDE	5.397	6.286	59891912	120.3E6	63.416	60.208
13)	MA Dieldrin	5.520	6.435	61755596	126.1E6	57.979	58.881
14)	MA Endrin	5.774	6.652	52755208	101.9E6	59.340	59.201
15)	B Endosulfa...	6.047	6.860	54608725	110.9E6	56.318	58.108
16)	A 4,4'-DDD	5.908	6.774	46258210	96055187	55.168	57.099
17)	MA 4,4'-DDT	6.144	7.073	46149874	99895350	64.101	64.869
18)	B Endrin al...	6.215	6.982	45633603	91591639	53.966	55.520m
19)	B Endosulfa...	6.427	7.206	49215516	101.9E6	53.705	55.635
20)	A Methoxychlor	6.692	7.528	21261846	49222553	54.196	55.782m
21)	B Endrin ke...	6.912	7.675	59595753	116.4E6	54.227	56.630m
22)	Mirex	7.085	8.129	43655656	80682777	51.947	55.085

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012820\
Data File : PD057077.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Jan 2020 14:24
Operator : AJ\MA
Sample : L1008-21MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

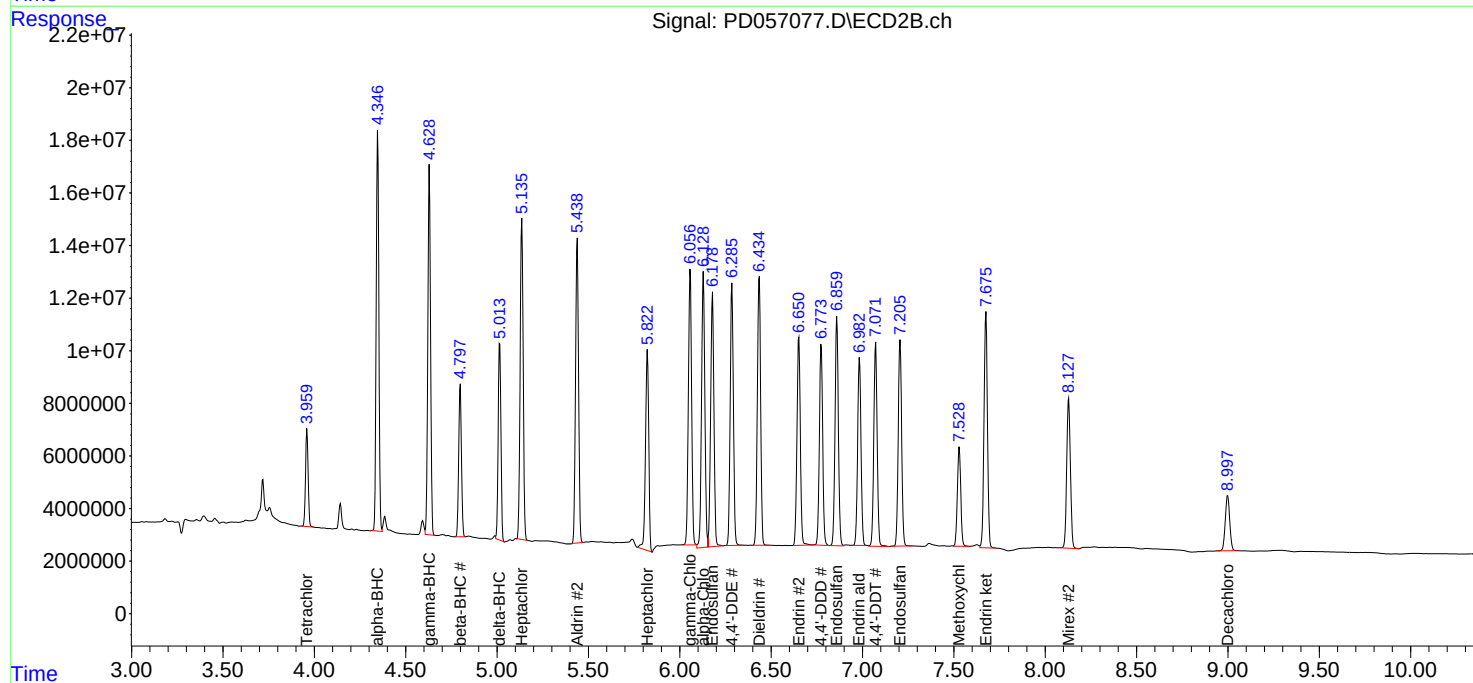
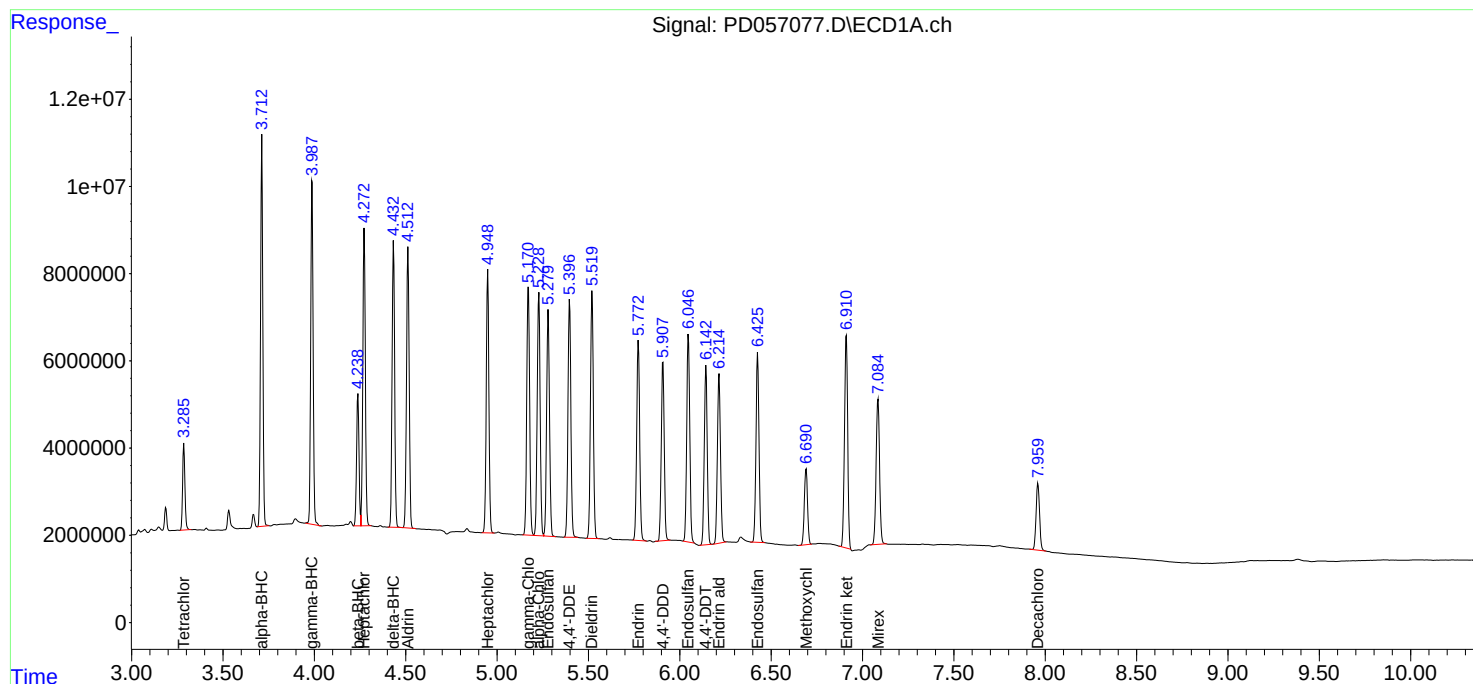
Instrument :
ECD_D
ClientSampled :
CL-02-012420MS

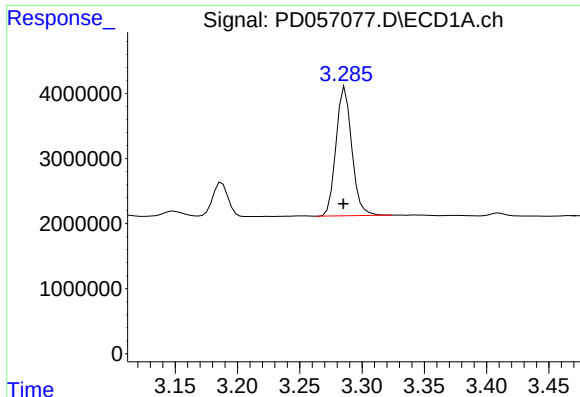
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 00:26:06 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011820.M
Quant Title : GC Extractables
QLast Update : Mon Jan 20 05:43:46 2020
Response 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





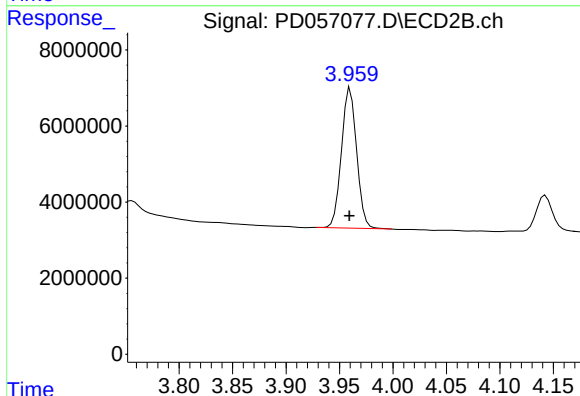
#1 Tetrachloro-m-xylene

R.T.: 3.286 min
Delta R.T.: 0.001 min
Response: 17422072
Conc: 21.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MS

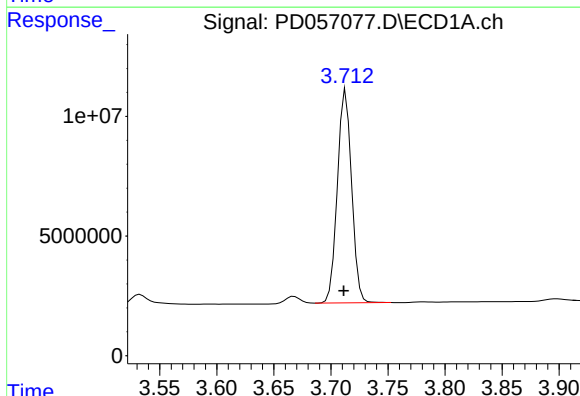
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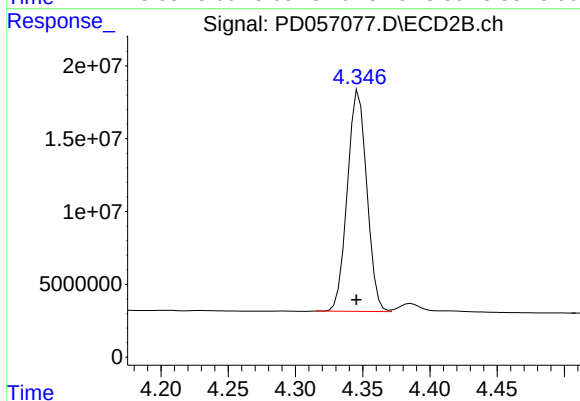
#1 Tetrachloro-m-xylene

R.T.: 3.960 min
Delta R.T.: 0.000 min
Response: 36417992
Conc: 22.26 ng/ml



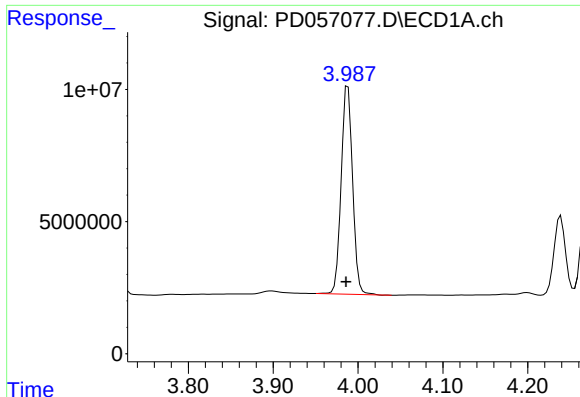
#2 alpha-BHC

R.T.: 3.713 min
Delta R.T.: 0.002 min
Response: 77349159
Conc: 59.22 ng/ml



#2 alpha-BHC

R.T.: 4.347 min
Delta R.T.: 0.002 min
Response: 152708111
Conc: 60.35 ng/ml



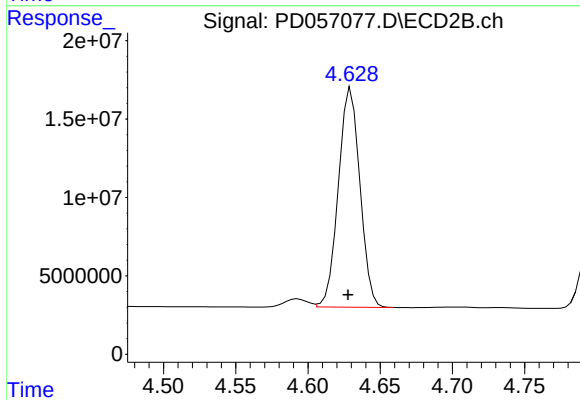
#3 gamma-BHC (Lindane)

R.T.: 3.988 min
Delta R.T.: 0.002 min
Response: 73588588
Conc: 55.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MS

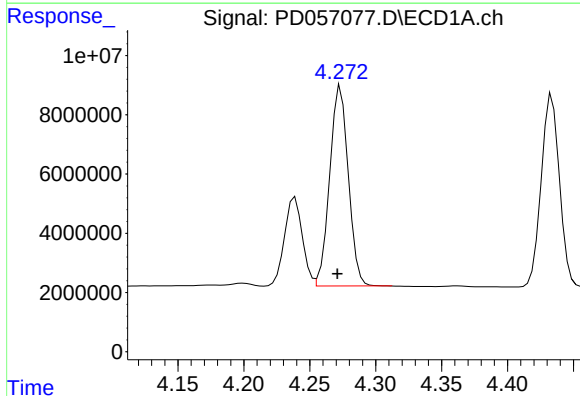
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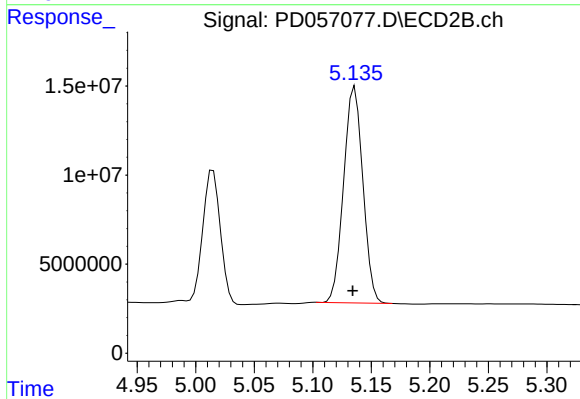
#3 gamma-BHC (Lindane)

R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 144723704
Conc: 59.24 ng/ml m



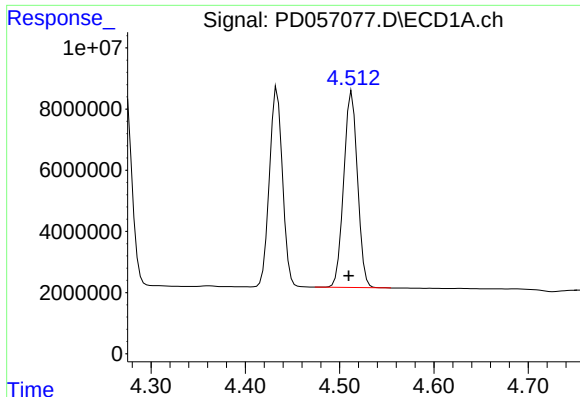
#4 Heptachlor

R.T.: 4.273 min
Delta R.T.: 0.003 min
Response: 66332906
Conc: 56.86 ng/ml



#4 Heptachlor

R.T.: 5.136 min
Delta R.T.: 0.002 min
Response: 138898086
Conc: 58.06 ng/ml



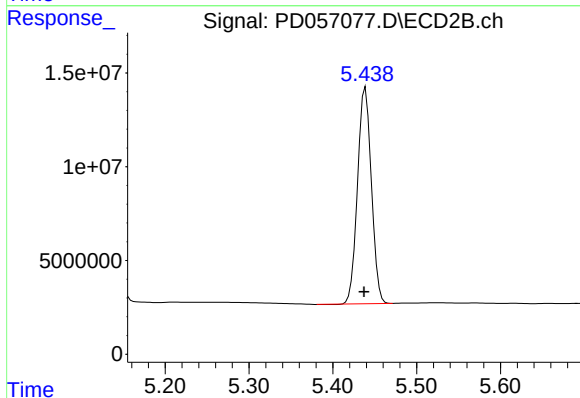
#5 Aldrin

R.T.: 4.513 min
Delta R.T.: 0.003 min
Response: 65150112
Conc: 56.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MS

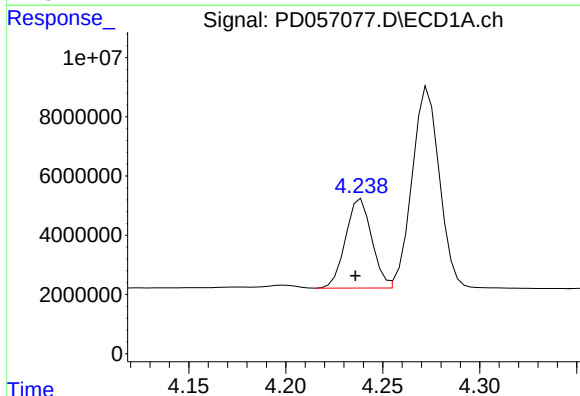
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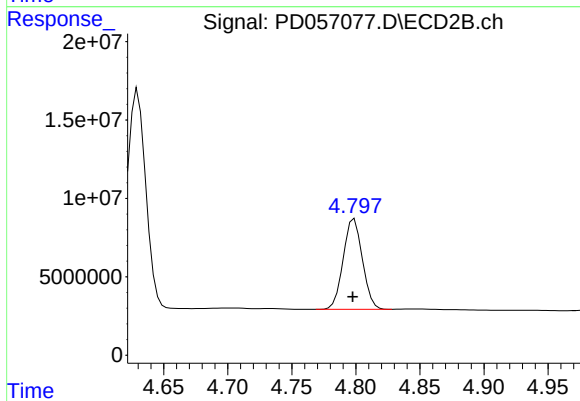
#5 Aldrin

R.T.: 5.439 min
Delta R.T.: 0.002 min
Response: 132468162
Conc: 58.44 ng/ml



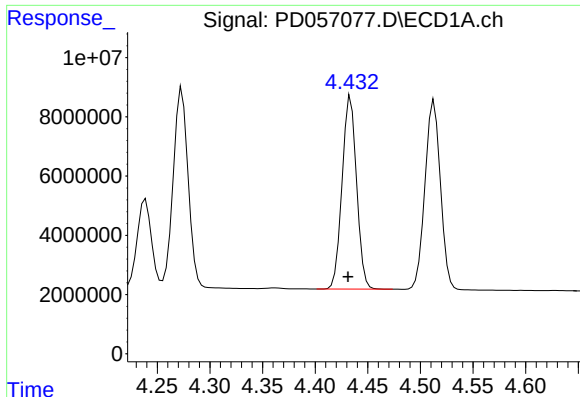
#6 beta-BHC

R.T.: 4.239 min
Delta R.T.: 0.003 min
Response: 28287244
Conc: 54.76 ng/ml



#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: 0.001 min
Response: 60166613
Conc: 57.18 ng/ml



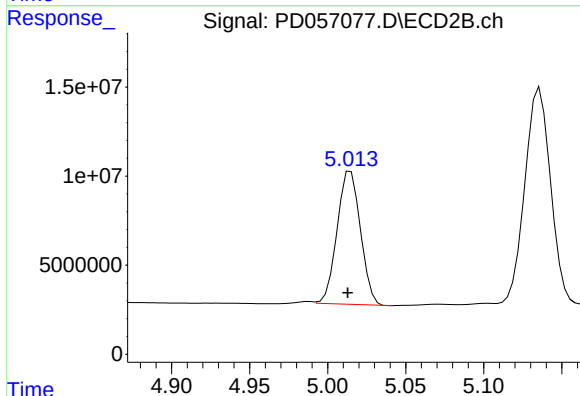
#7 delta-BHC

R.T.: 4.434 min
Delta R.T.: 0.003 min
Response: 62685343
Conc: 50.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MS

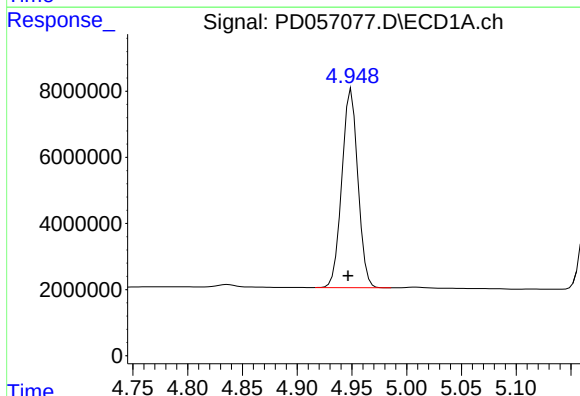
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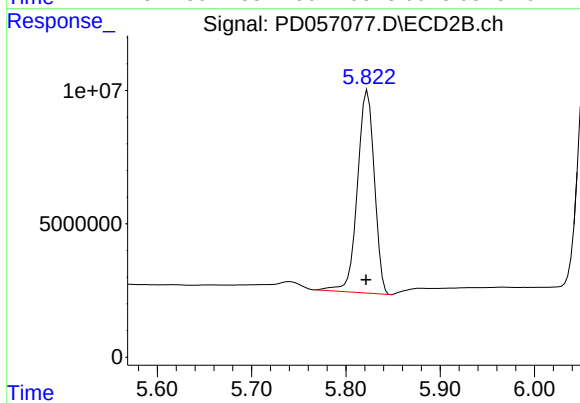
#7 delta-BHC

R.T.: 5.015 min
Delta R.T.: 0.002 min
Response: 77894376
Conc: 34.82 ng/ml



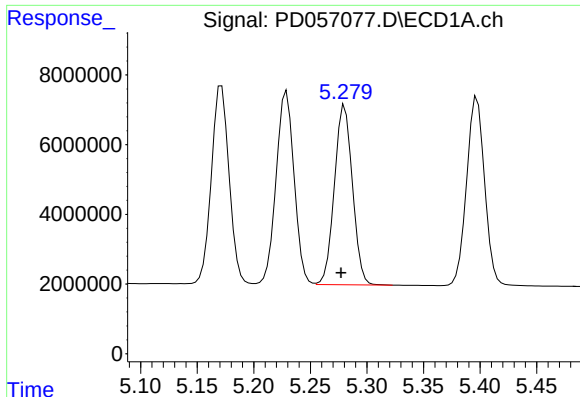
#8 Heptachlor epoxide

R.T.: 4.949 min
Delta R.T.: 0.003 min
Response: 61123435
Conc: 56.93 ng/ml



#8 Heptachlor epoxide

R.T.: 5.823 min
Delta R.T.: 0.002 min
Response: 95002039
Conc: 43.75 ng/ml



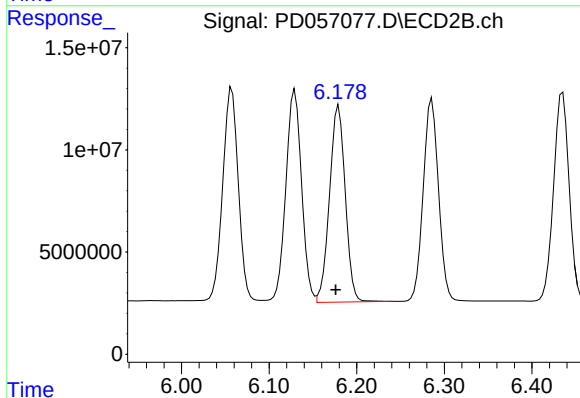
#9 Endosulfan I

R.T.: 5.281 min
Delta R.T.: 0.004 min
Response: 57299035
Conc: 58.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MS

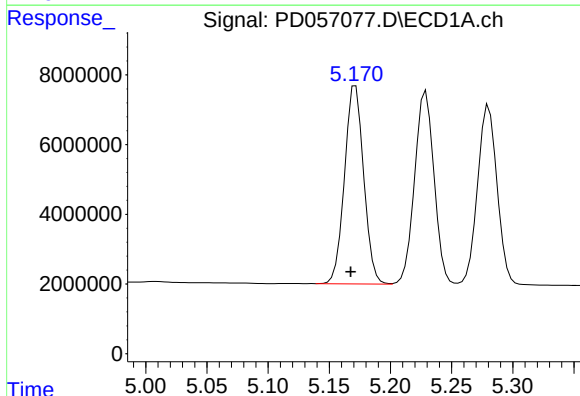
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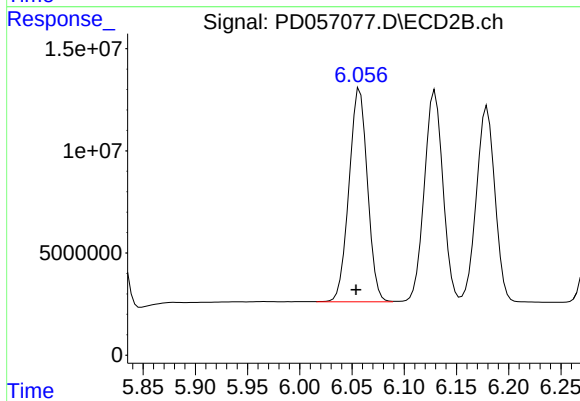
#9 Endosulfan I

R.T.: 6.179 min
Delta R.T.: 0.003 min
Response: 120142491
Conc: 59.22 ng/ml



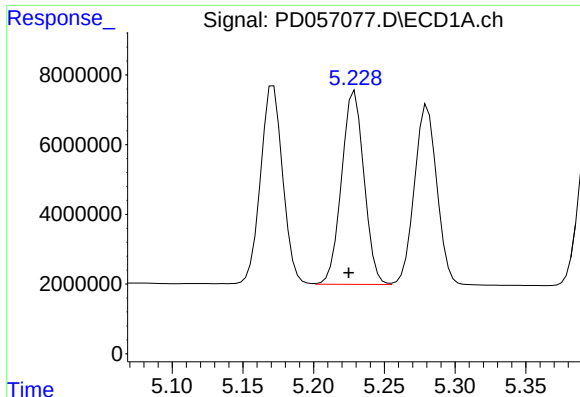
#10 gamma-Chlordane

R.T.: 5.172 min
Delta R.T.: 0.004 min
Response: 61949492
Conc: 57.03 ng/ml



#10 gamma-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.002 min
Response: 128341841
Conc: 57.65 ng/ml m



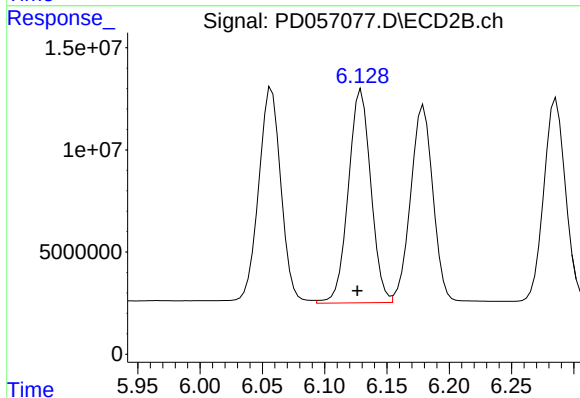
#11 alpha-Chlordane

R.T.: 5.229 min
Delta R.T.: 0.004 min
Response: 61393093
Conc: 56.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MS

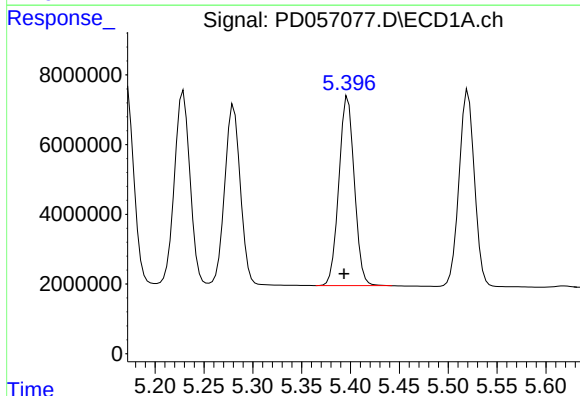
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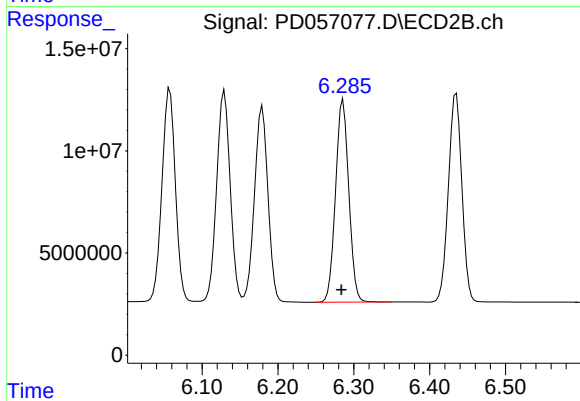
#11 alpha-Chlordane

R.T.: 6.129 min
Delta R.T.: 0.003 min
Response: 131624246
Conc: 59.12 ng/ml



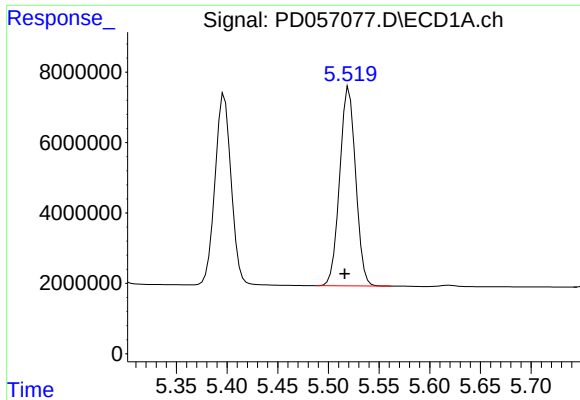
#12 4,4'-DDE

R.T.: 5.397 min
Delta R.T.: 0.004 min
Response: 59891912
Conc: 63.42 ng/ml



#12 4,4'-DDE

R.T.: 6.286 min
Delta R.T.: 0.002 min
Response: 120273567
Conc: 60.21 ng/ml



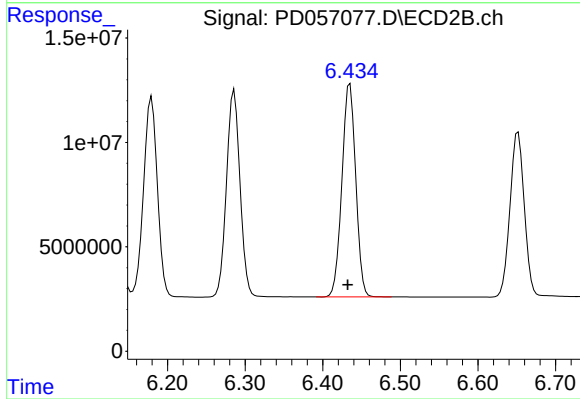
#13 Dieldrin

R.T.: 5.520 min
Delta R.T.: 0.004 min
Response: 61755596
Conc: 57.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MS

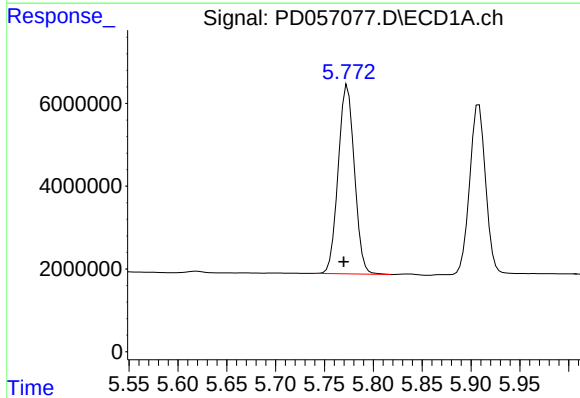
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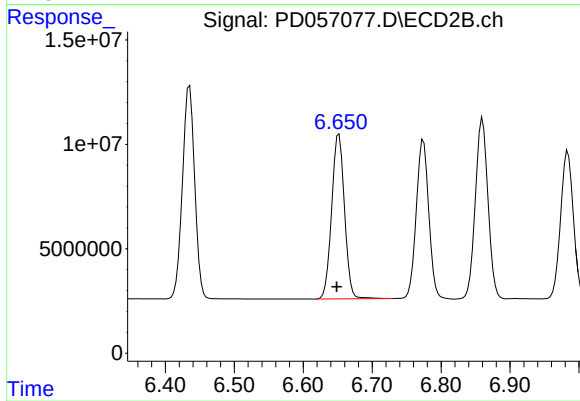
#13 Dieldrin

R.T.: 6.435 min
Delta R.T.: 0.003 min
Response: 126116049
Conc: 58.88 ng/ml



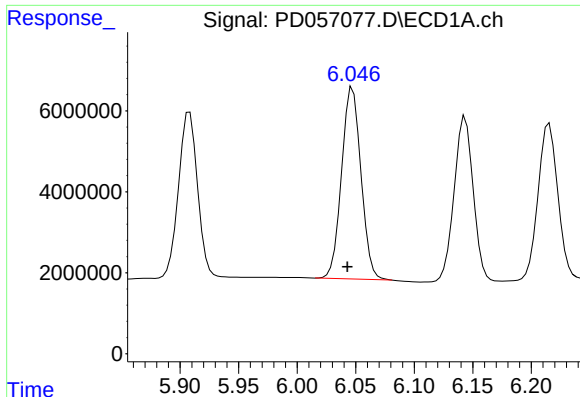
#14 Endrin

R.T.: 5.774 min
Delta R.T.: 0.004 min
Response: 52755208
Conc: 59.34 ng/ml



#14 Endrin

R.T.: 6.652 min
Delta R.T.: 0.003 min
Response: 101885527
Conc: 59.20 ng/ml



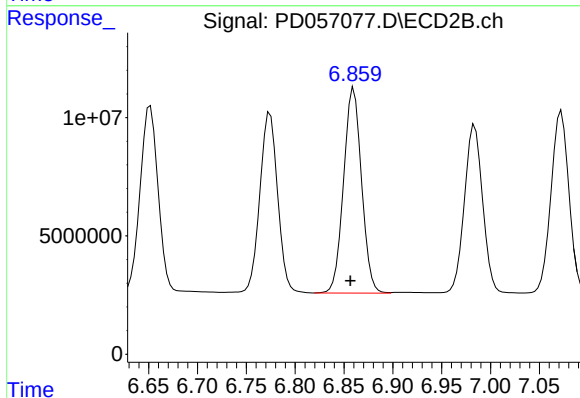
#15 Endosulfan II

R.T.: 6.047 min
Delta R.T.: 0.005 min
Response: 54608725
Conc: 56.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MS

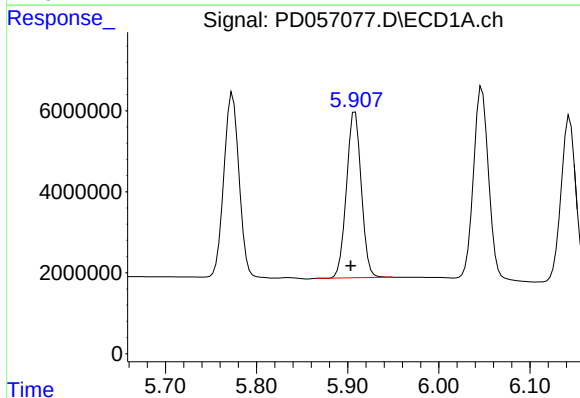
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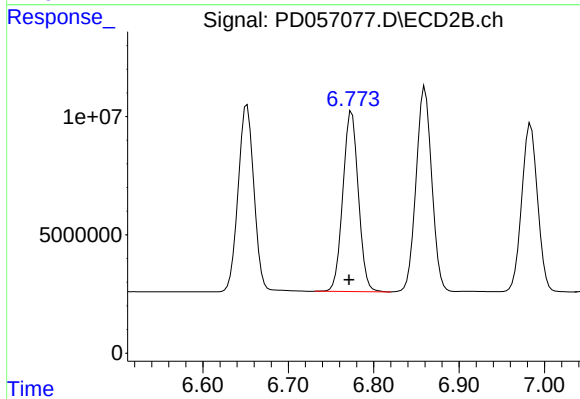
#15 Endosulfan II

R.T.: 6.860 min
Delta R.T.: 0.003 min
Response: 110875257
Conc: 58.11 ng/ml



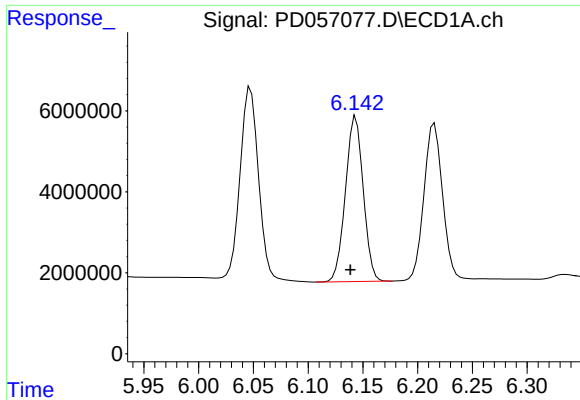
#16 4,4'-DDD

R.T.: 5.908 min
Delta R.T.: 0.005 min
Response: 46258210
Conc: 55.17 ng/ml



#16 4,4'-DDD

R.T.: 6.774 min
Delta R.T.: 0.003 min
Response: 96055187
Conc: 57.10 ng/ml



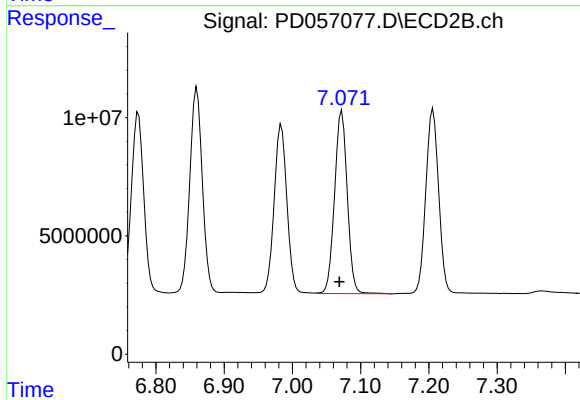
#17 4,4'-DDT

R.T.: 6.144 min
Delta R.T.: 0.005 min
Response: 46149874
Conc: 64.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MS

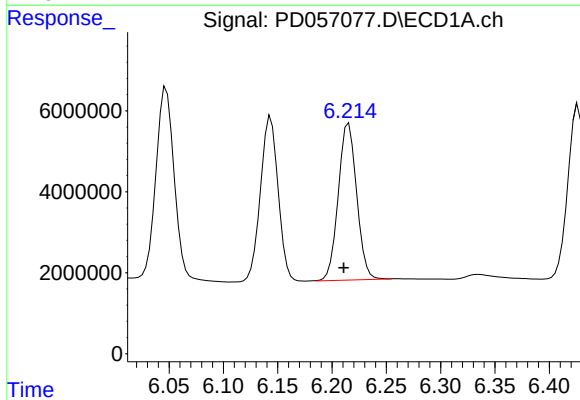
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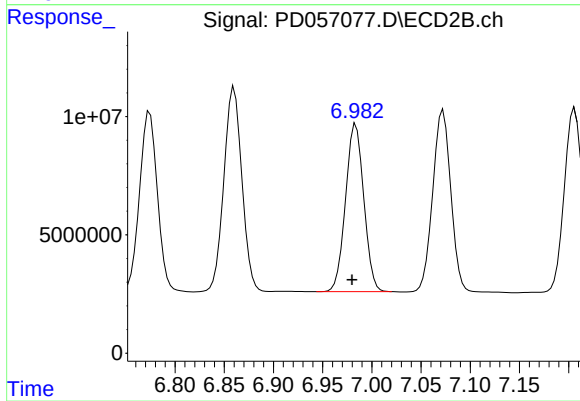
#17 4,4'-DDT

R.T.: 7.073 min
Delta R.T.: 0.004 min
Response: 99895350
Conc: 64.87 ng/ml



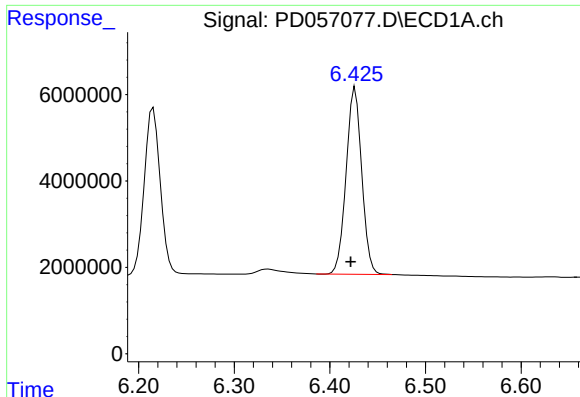
#18 Endrin aldehyde

R.T.: 6.215 min
Delta R.T.: 0.005 min
Response: 45633603
Conc: 53.97 ng/ml



#18 Endrin aldehyde

R.T.: 6.982 min
Delta R.T.: 0.002 min
Response: 91591639
Conc: 55.52 ng/ml m



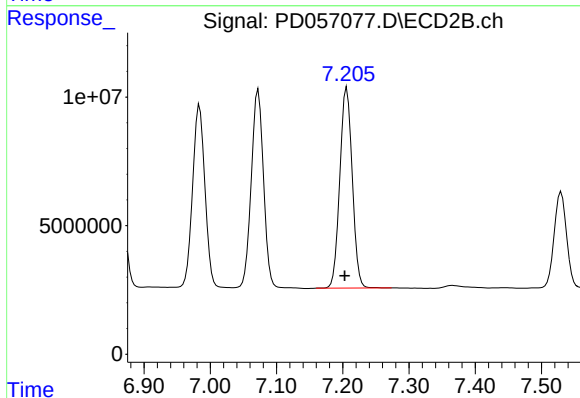
#19 Endosulfan Sulfate

R.T.: 6.427 min
Delta R.T.: 0.005 min
Response: 49215516
Conc: 53.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MS

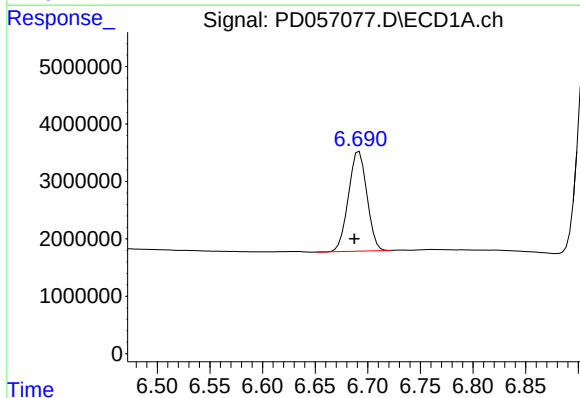
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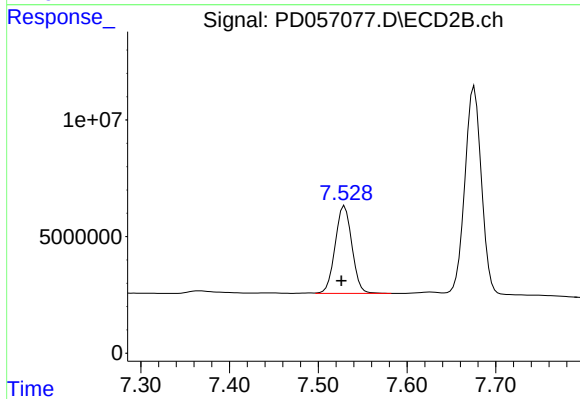
#19 Endosulfan Sulfate

R.T.: 7.206 min
Delta R.T.: 0.003 min
Response: 101893282
Conc: 55.63 ng/ml



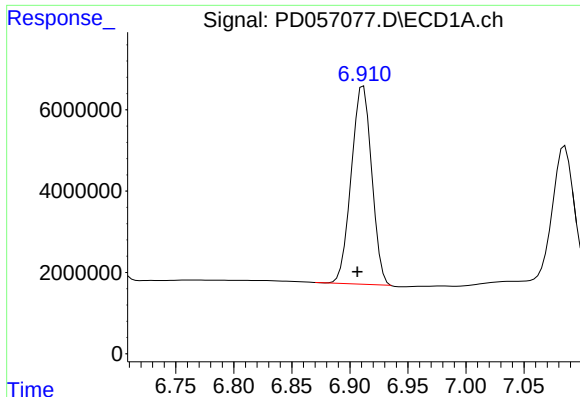
#20 Methoxychlor

R.T.: 6.692 min
Delta R.T.: 0.005 min
Response: 21261846
Conc: 54.20 ng/ml



#20 Methoxychlor

R.T.: 7.528 min
Delta R.T.: 0.002 min
Response: 49222553
Conc: 55.78 ng/ml m



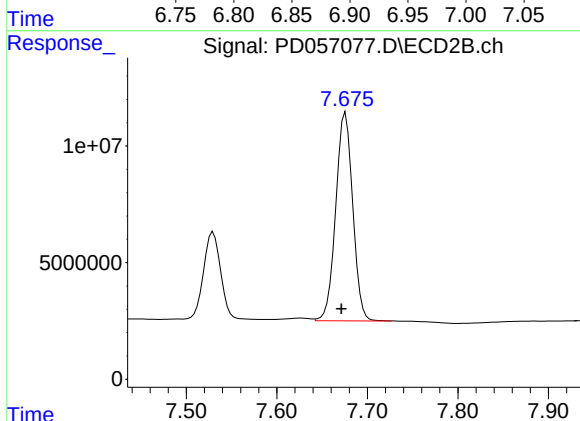
#21 Endrin ketone

R.T.: 6.912 min
Delta R.T.: 0.005 min
Response: 59595753
Conc: 54.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MS

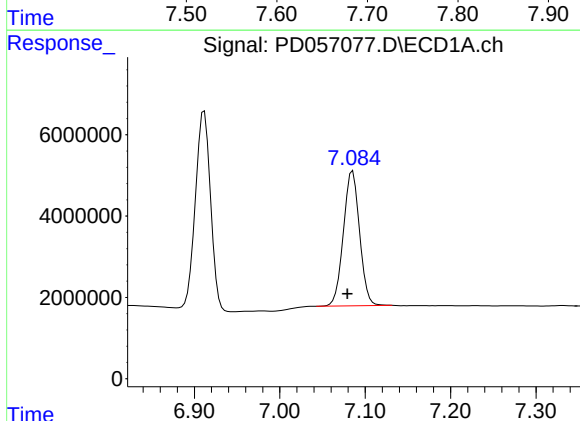
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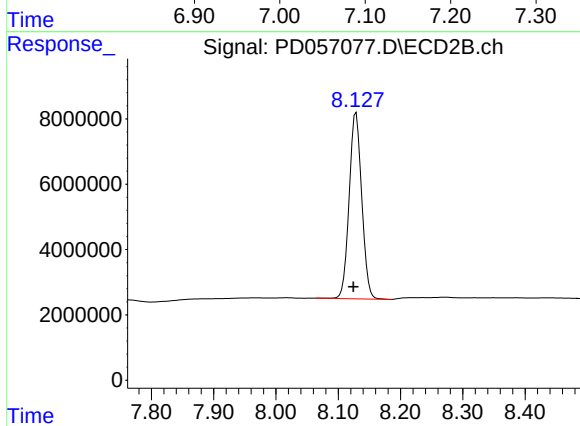
#21 Endrin ketone

R.T.: 7.675 min
Delta R.T.: 0.003 min
Response: 116380937
Conc: 56.63 ng/ml m



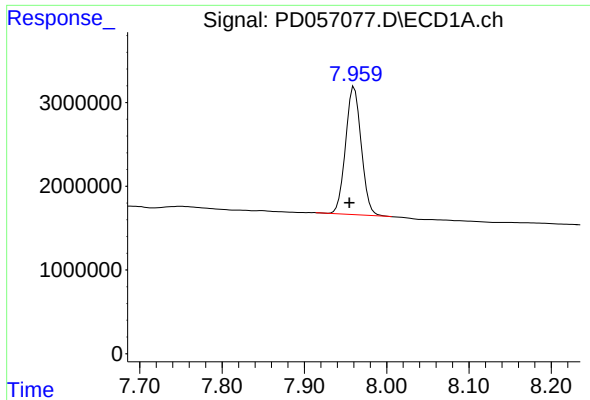
#22 Mirex

R.T.: 7.085 min
Delta R.T.: 0.006 min
Response: 43655656
Conc: 51.95 ng/ml



#22 Mirex

R.T.: 8.129 min
Delta R.T.: 0.004 min
Response: 80682777
Conc: 55.08 ng/ml



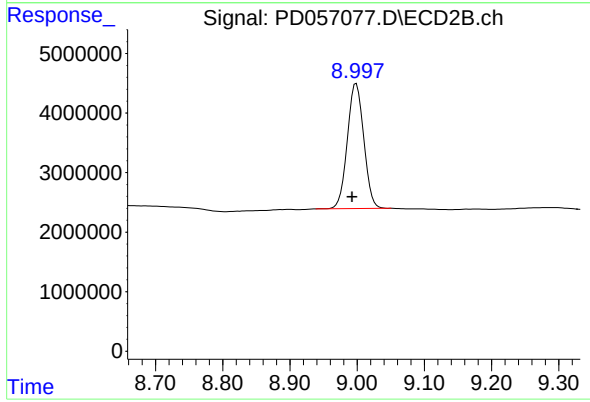
#28 Decachlorobiphenyl

R.T.: 7.961 min
Delta R.T.: 0.006 min
Response: 20273238
Conc: 20.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
CL-02-012420MS

Manual Integrations
APPROVED

mohammad
1/29/2020 3:05:46 PM



#28 Decachlorobiphenyl

R.T.: 8.998 min
Delta R.T.: 0.006 min
Response: 35655637
Conc: 21.39 ng/ml