

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081319\
 Data File : PD054262.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 13 Aug 2019 11:58
 Operator : SM\AJ
 Sample : K4085-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 HR-05-080919-AMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 05:12:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 04:33:23 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	3.313	3.983	15955418	22840011	27.723	26.219
28)	SA Decachlor...	8.007	9.024	13833901	19043981	20.550	20.542
Target Compounds							
2)	A alpha-BHC	3.742	4.369	65069909	85473973	75.130	67.759
3)	MA gamma-BHC...	4.019	4.652	60566383	80254557	73.834	65.433
4)	MA Heptachlor	4.307	5.160	54707192	82049278	75.073	65.498
5)	MB Aldrin	4.548	5.464	58549551	81542268	73.677	66.318
6)	B beta-BHC	4.268	4.819	25258060	36218565	71.711	64.688
7)	B delta-BHC	4.466	5.036	51699266	66738202	61.662	51.559
8)	B Heptachlor...	4.986	5.847	52198808	74371284	68.807	61.501
9)	A Endosulfan I	5.319	6.203	48505656	69501541	65.286	59.850
10)	B gamma-Chl...	5.209	6.080	53367785	77806991	65.612	59.067
11)	B alpha-Chl...	5.267	6.153	52331995	75967108	64.596	58.507
12)	B 4,4'-DDE	5.435	6.308	47725037	69269829	60.229	56.376
13)	MA Dieldrin	5.560	6.458	52752900	75421879	64.957	60.023
14)	MA Endrin	5.813	6.676	47175321	61019309	62.994	58.219
15)	B Endosulfa...	6.087	6.882	44396445	63463219	59.335	54.883
16)	A 4,4'-DDD	5.948	6.796	34402643	53812498	57.482	53.265
17)	MA 4,4'-DDT	6.183	7.093	34170973	54058882	59.335	54.874
18)	B Endrin al...	6.255	7.006	35831716	52809791	56.412	53.100
19)	B Endosulfa...	6.467	7.228	41314280	59825591	58.772	55.055
20)	A Methoxychlor	6.734	7.550	15125965	27272067	52.929	50.828
21)	B Endrin ke...	6.951	7.696	47467974	65941156	59.230m	54.234
22)	Mirex	7.129	8.152	36176966	48615965	55.609	52.747

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081319\
Data File : PD054262.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 13 Aug 2019 11:58
Operator : SM\AJ
Sample : K4085-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

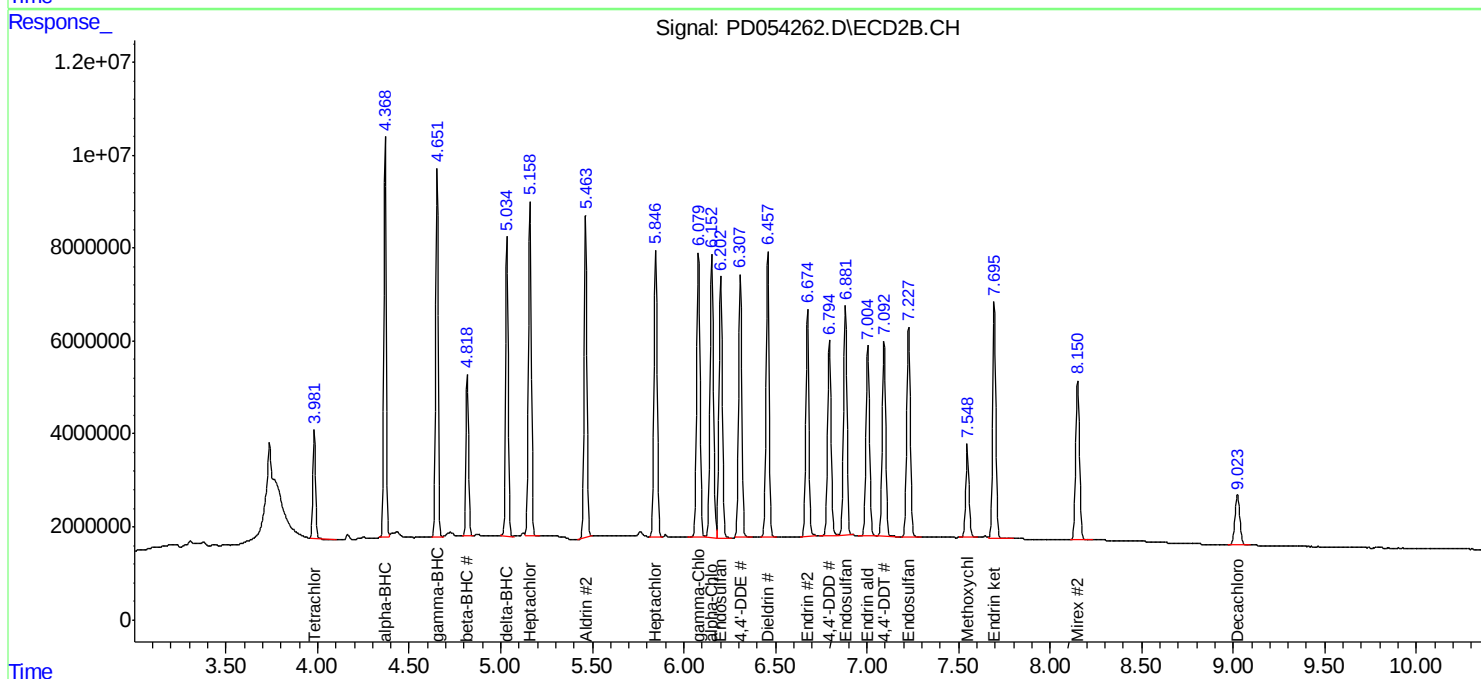
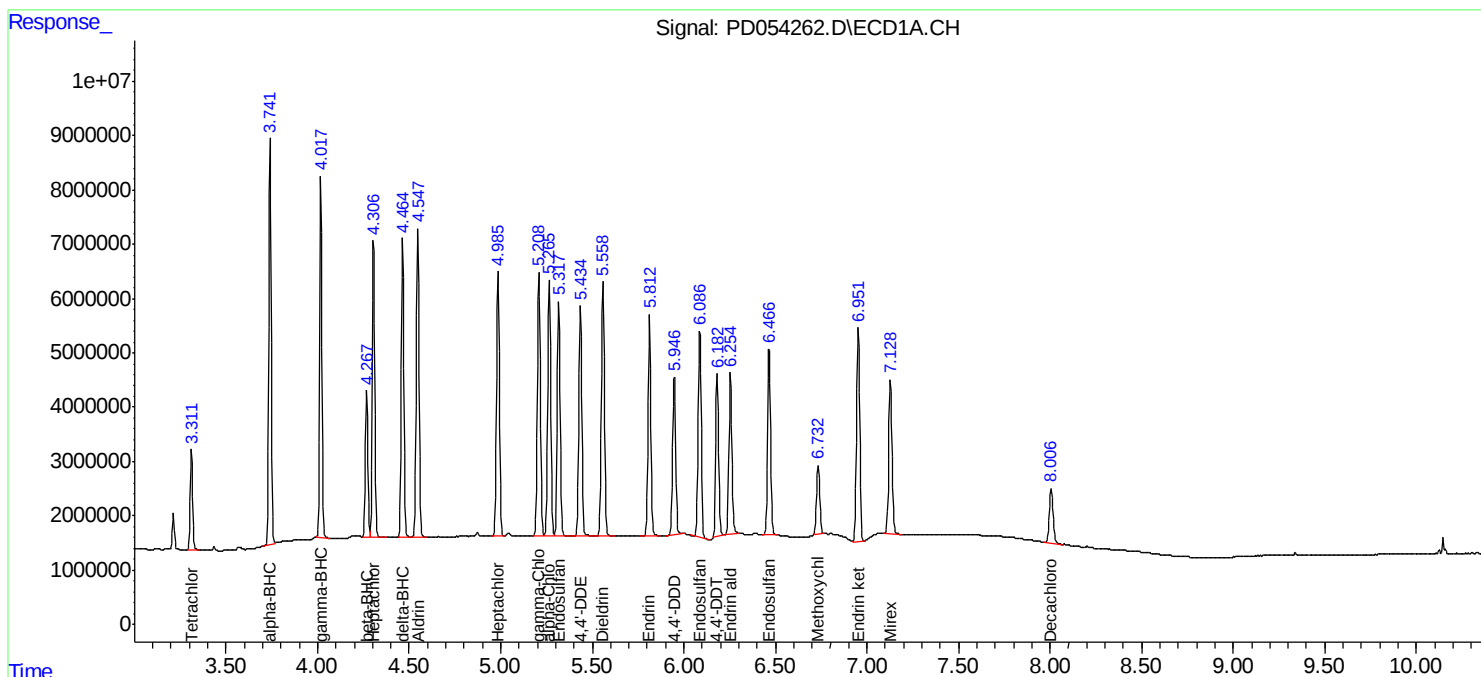
Instrument :
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HR-05-080919-AMSD

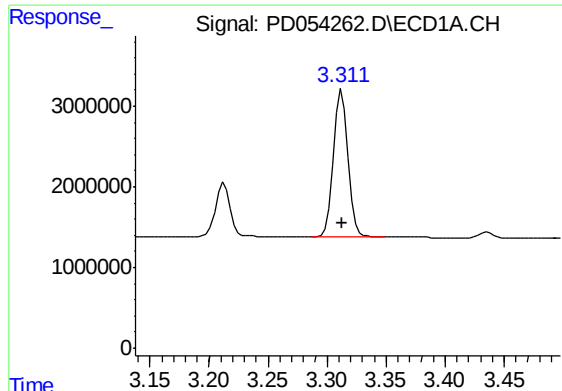
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 05:12:44 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 04:33:23 2019
Response via : Initial Calibration
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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





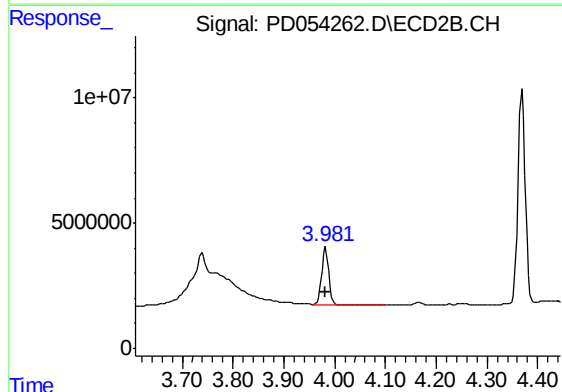
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 15955418
Conc: 27.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-080919-AMSD

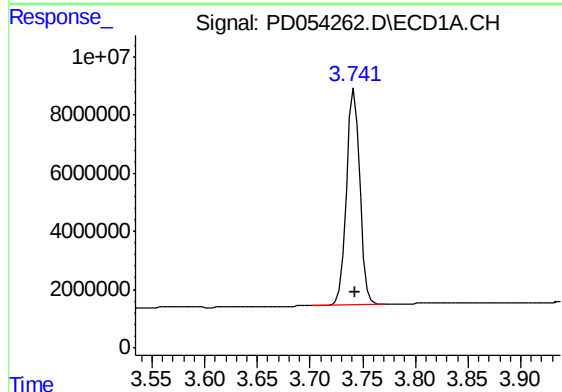
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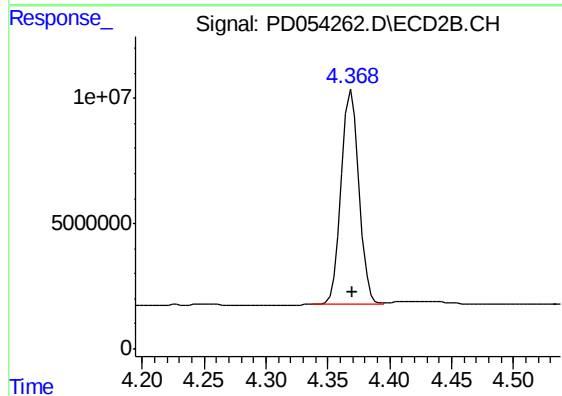
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 22840011
Conc: 26.22 ng/ml



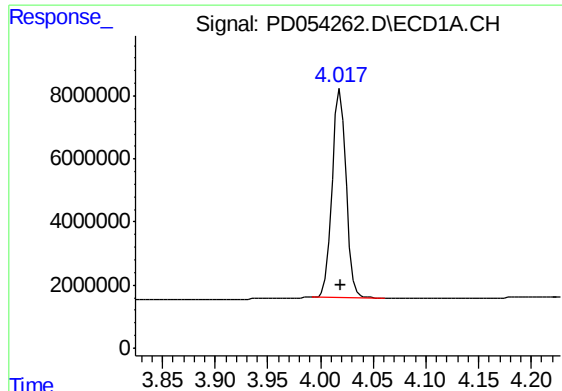
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 65069909
Conc: 75.13 ng/ml



#2 alpha-BHC

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 85473973
Conc: 67.76 ng/ml



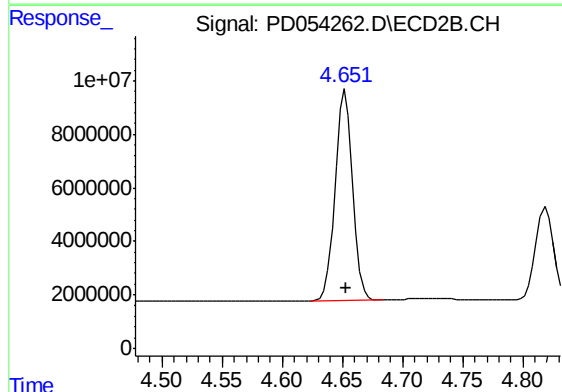
#3 gamma-BHC (Lindane)

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 60566383
Conc: 73.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-080919-AMSD

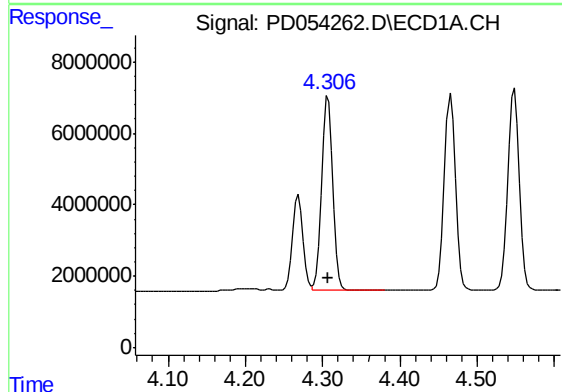
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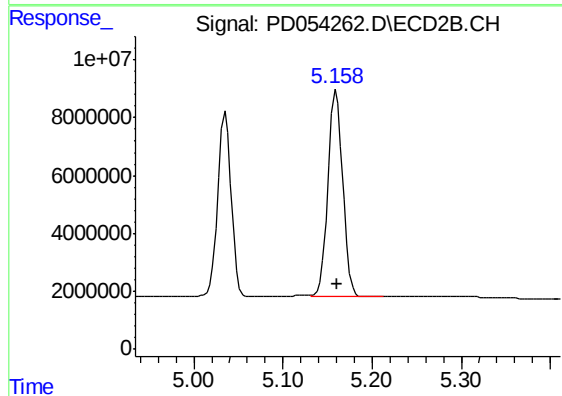
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 80254557
Conc: 65.43 ng/ml



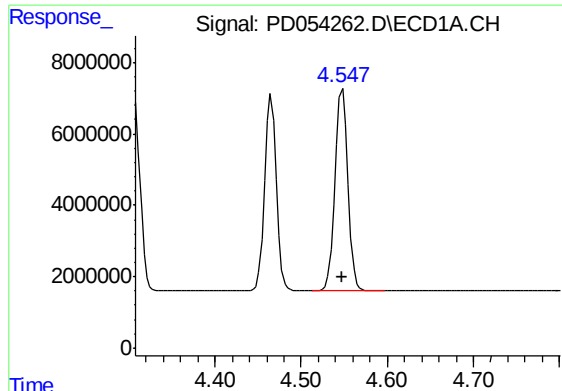
#4 Heptachlor

R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 54707192
Conc: 75.07 ng/ml



#4 Heptachlor

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 82049278
Conc: 65.50 ng/ml



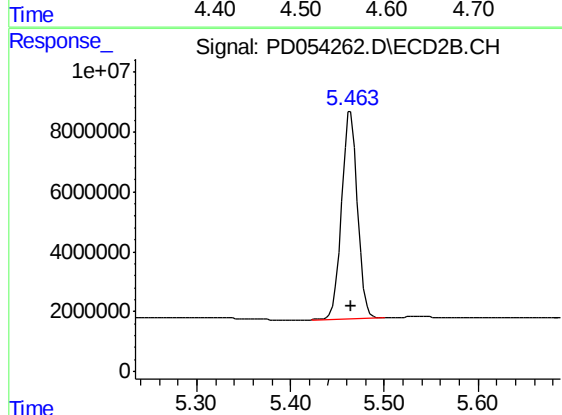
#5 Aldrin

R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 58549551
Conc: 73.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-080919-AMSD

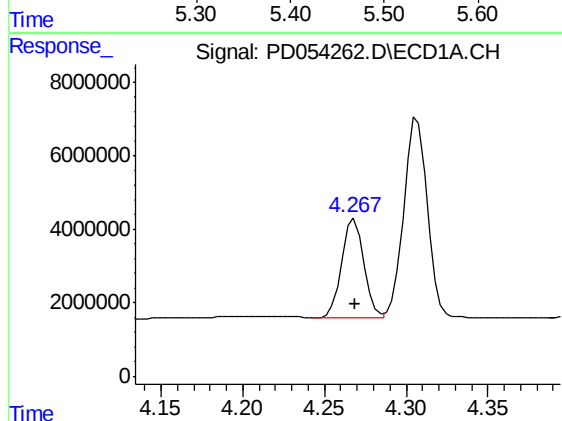
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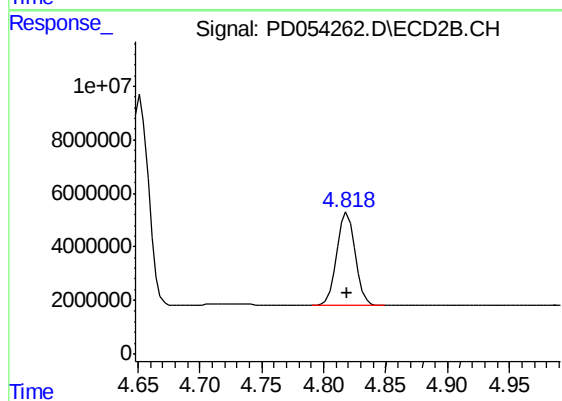
#5 Aldrin

R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 81542268
Conc: 66.32 ng/ml



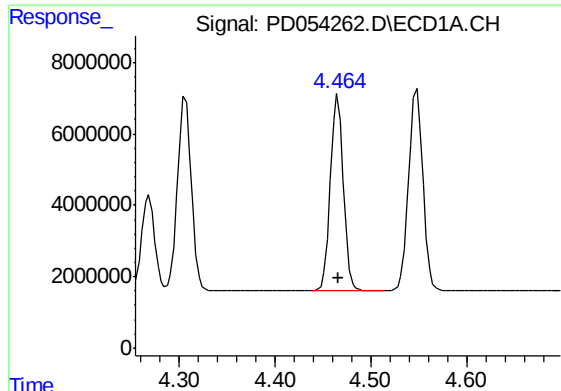
#6 beta-BHC

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 25258060
Conc: 71.71 ng/ml



#6 beta-BHC

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 36218565
Conc: 64.69 ng/ml



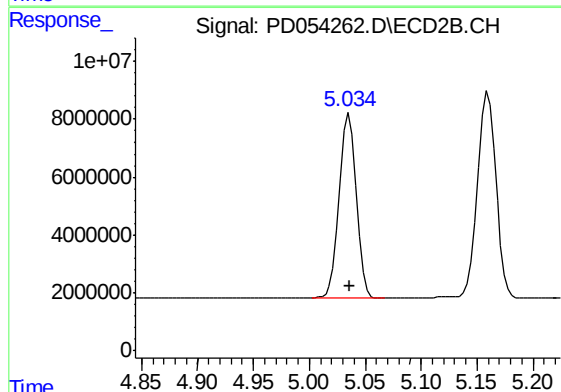
#7 delta-BHC

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 51699266
Conc: 61.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-080919-AMSD

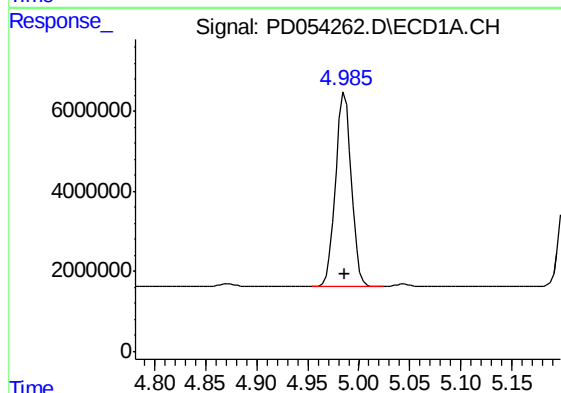
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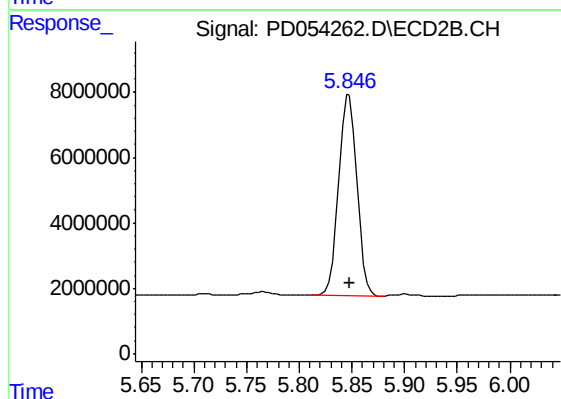
#7 delta-BHC

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 66738202
Conc: 51.56 ng/ml



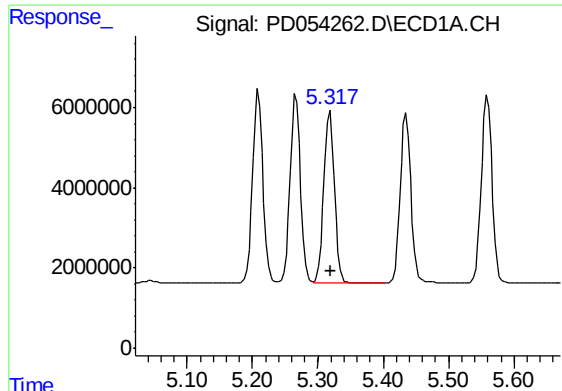
#8 Heptachlor epoxide

R.T.: 4.986 min
Delta R.T.: 0.000 min
Response: 52198808
Conc: 68.81 ng/ml



#8 Heptachlor epoxide

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 74371284
Conc: 61.50 ng/ml



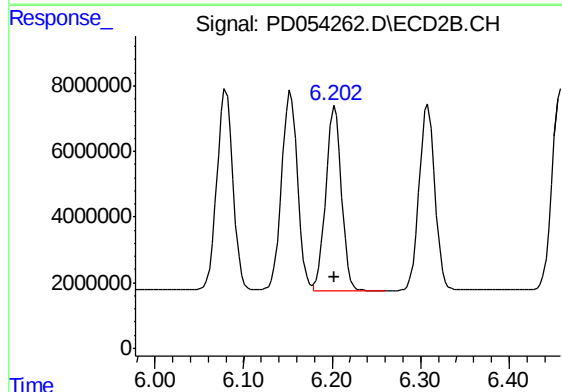
#9 Endosulfan I

R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 48505656
Conc: 65.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-080919-AMSD

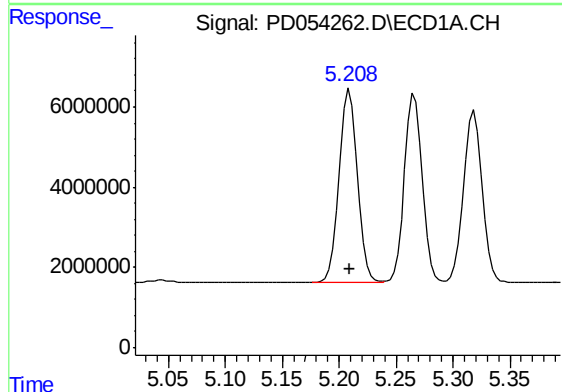
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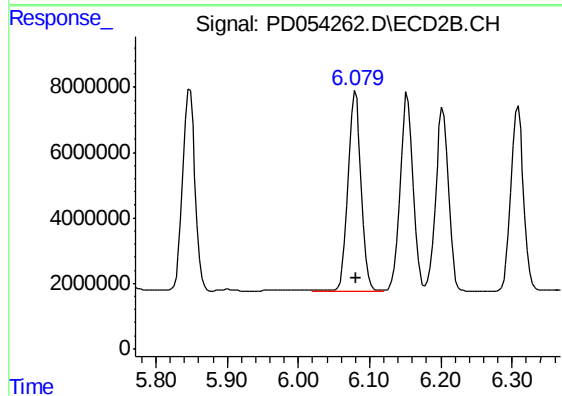
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 69501541
Conc: 59.85 ng/ml



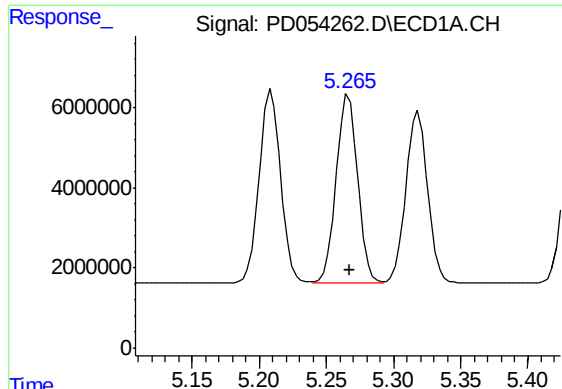
#10 gamma-Chlordane

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 53367785
Conc: 65.61 ng/ml



#10 gamma-Chlordane

R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 77806991
Conc: 59.07 ng/ml



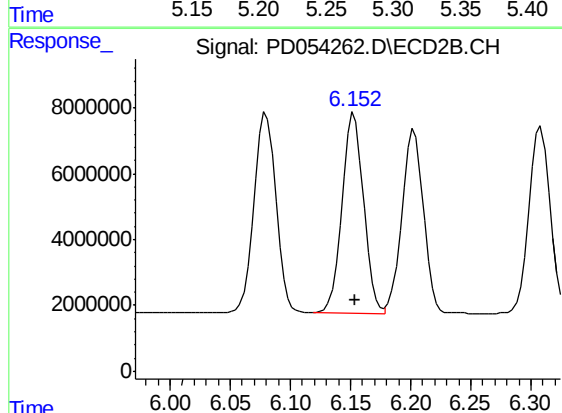
#11 alpha-Chlordane

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 52331995
Conc: 64.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-080919-AMSD

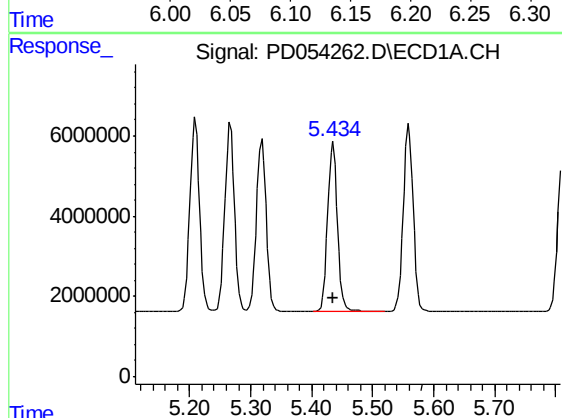
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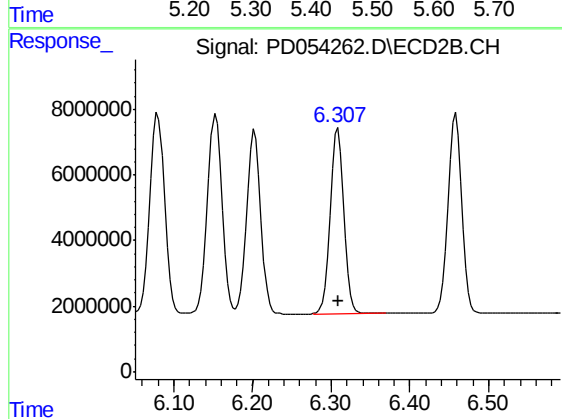
#11 alpha-Chlordane

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 75967108
Conc: 58.51 ng/ml



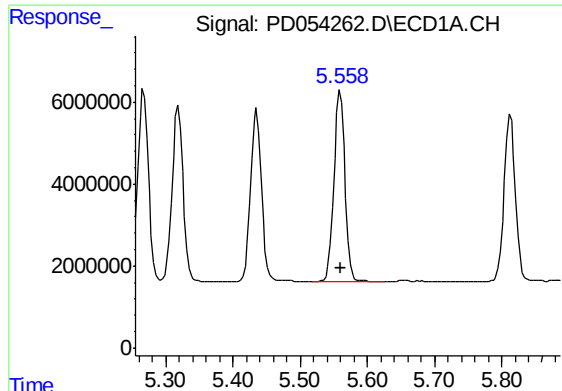
#12 4,4'-DDE

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 47725037
Conc: 60.23 ng/ml



#12 4,4'-DDE

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 69269829
Conc: 56.38 ng/ml



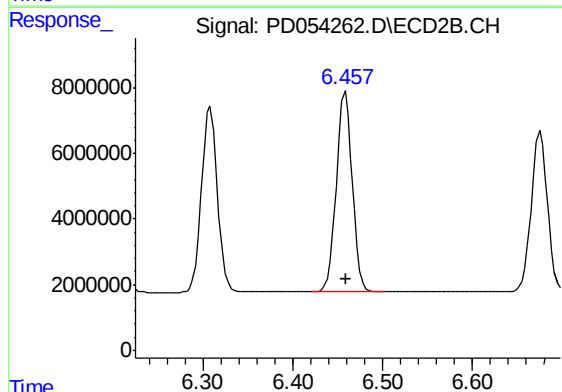
#13 Dieldrin

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 52752900
Conc: 64.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-080919-AMSD

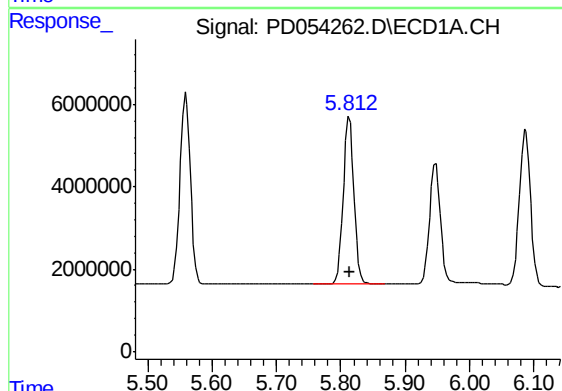
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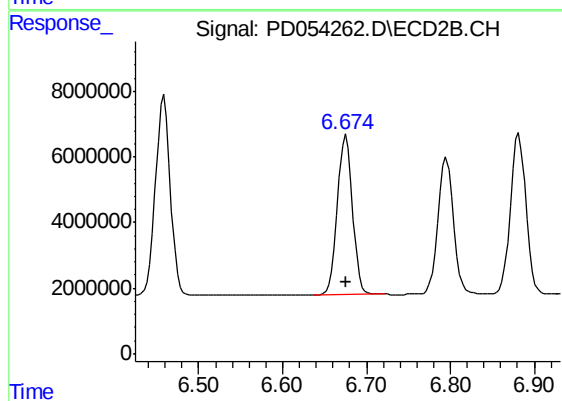
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 75421879
Conc: 60.02 ng/ml



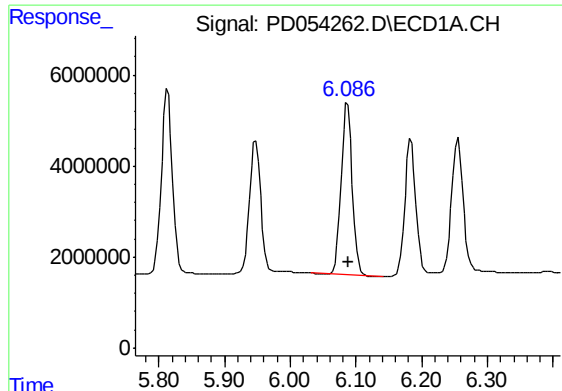
#14 Endrin

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 47175321
Conc: 62.99 ng/ml



#14 Endrin

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 61019309
Conc: 58.22 ng/ml



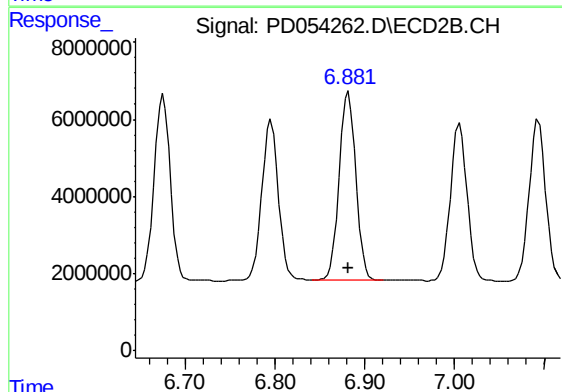
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 44396445
Conc: 59.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
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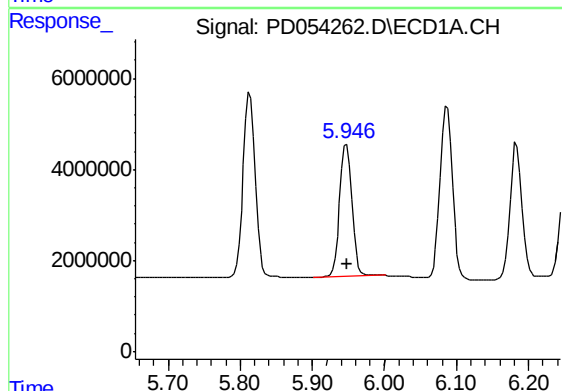
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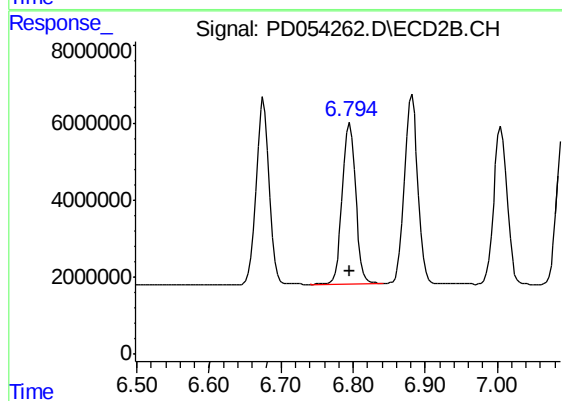
#15 Endosulfan II

R.T.: 6.882 min
Delta R.T.: 0.000 min
Response: 63463219
Conc: 54.88 ng/ml



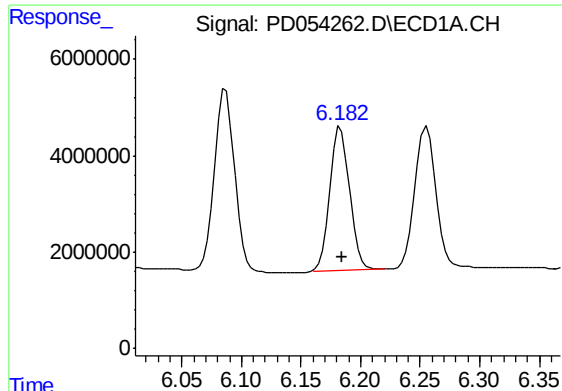
#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 34402643
Conc: 57.48 ng/ml



#16 4,4'-DDD

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 53812498
Conc: 53.26 ng/ml



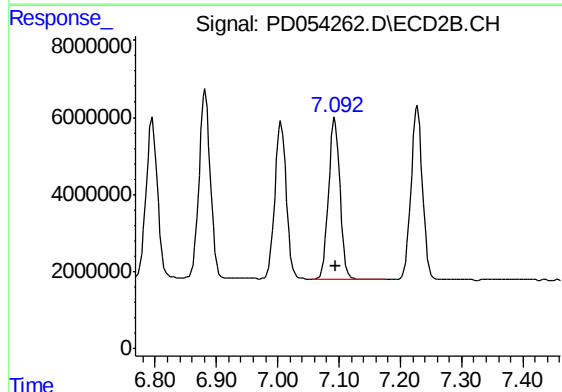
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.001 min
Response: 34170973
Conc: 59.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-080919-AMSD

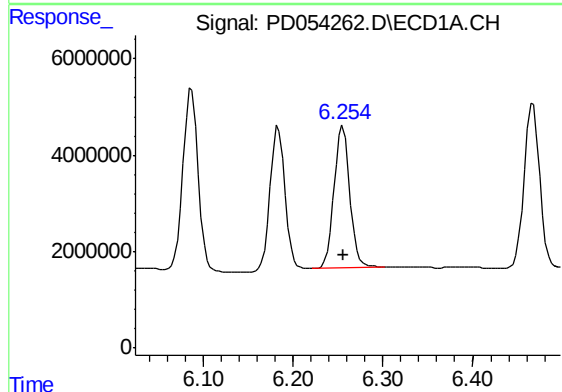
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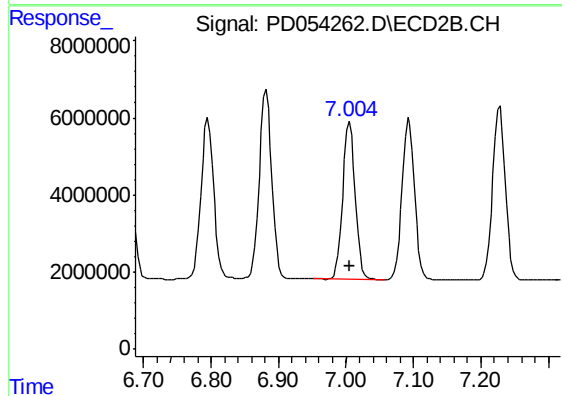
#17 4,4'-DDT

R.T.: 7.093 min
Delta R.T.: -0.001 min
Response: 54058882
Conc: 54.87 ng/ml



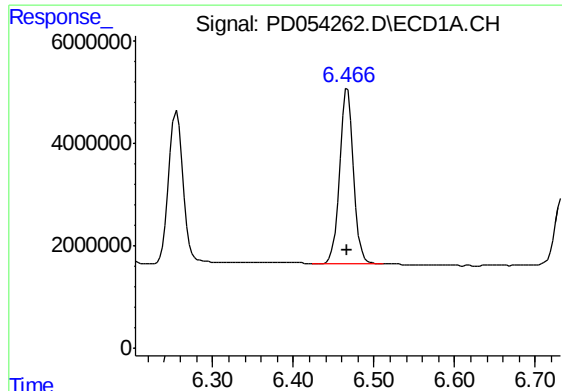
#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 35831716
Conc: 56.41 ng/ml



#18 Endrin aldehyde

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 52809791
Conc: 53.10 ng/ml



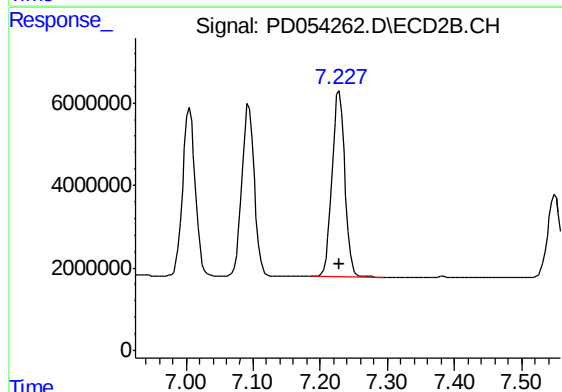
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 41314280
Conc: 58.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-080919-AMSD

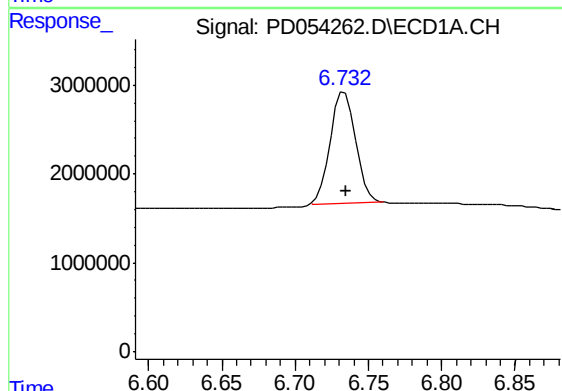
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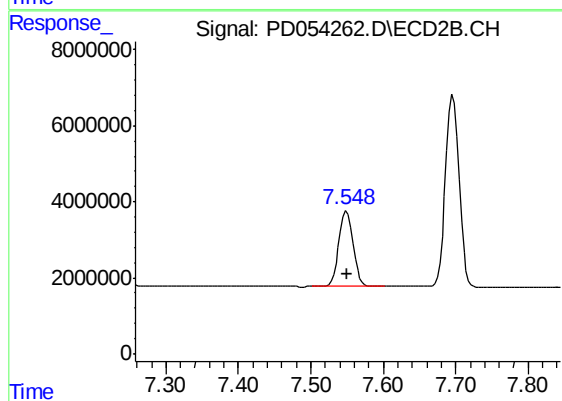
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 59825591
Conc: 55.05 ng/ml



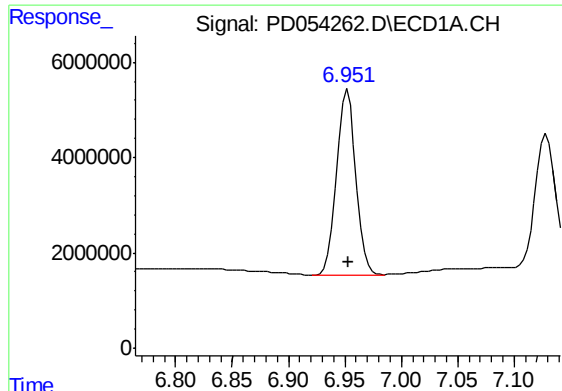
#20 Methoxychlor

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 15125965
Conc: 52.93 ng/ml



#20 Methoxychlor

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 27272067
Conc: 50.83 ng/ml



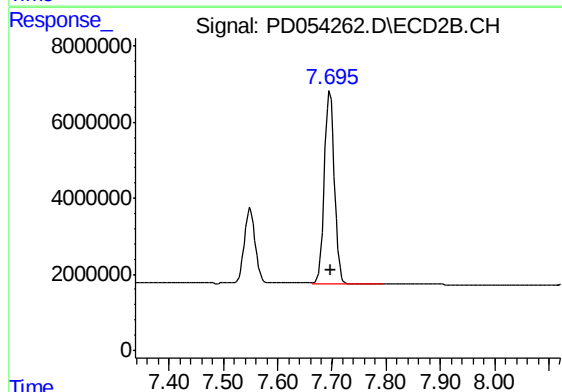
#21 Endrin ketone

R.T.: 6.951 min
Delta R.T.: -0.003 min
Response: 47467974
Conc: 59.23 ng/ml m

Instrument :
ECD_D
ClientSampleId :
HR-05-080919-AMSD

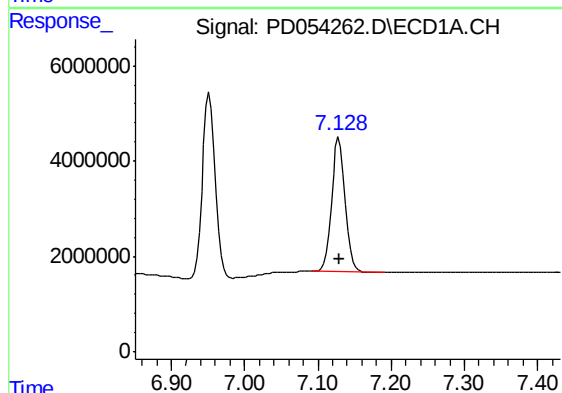
Manual Integrations
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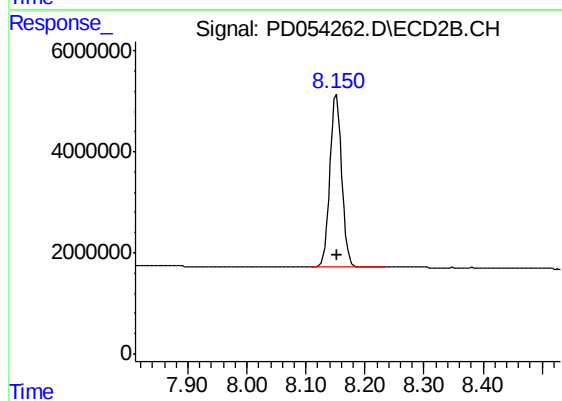
#21 Endrin ketone

R.T.: 7.696 min
Delta R.T.: -0.001 min
Response: 65941156
Conc: 54.23 ng/ml



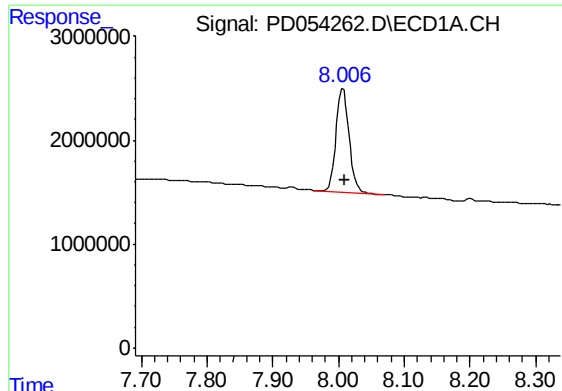
#22 Mirex

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 36176966
Conc: 55.61 ng/ml



#22 Mirex

R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 48615965
Conc: 52.75 ng/ml



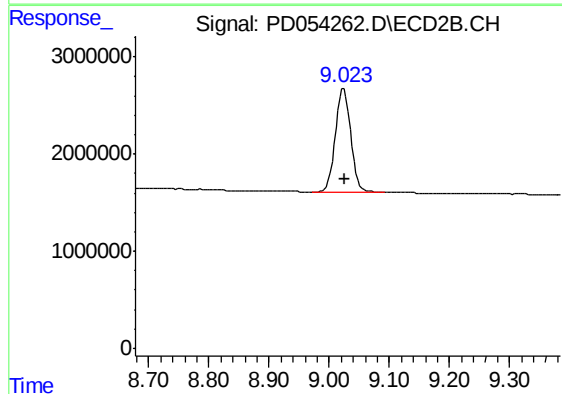
#28 Decachlorobiphenyl

R.T.: 8.007 min
Delta R.T.: -0.002 min
Response: 13833901
Conc: 20.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
HR-05-080919-AMSD

Manual Integrations
APPROVED

Ankita
8/14/2019 9:40:17 AM



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 19043981
Conc: 20.54 ng/ml