

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080519\
 Data File : PD054174.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Aug 2019 18:30
 Operator : SM\AJ
 Sample : K4143-05MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PST-006-B259-073019MS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 04:17:04 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	12118387	18742673	21.056	21.516
28)	SA Decachlor...	8.007	9.025	12038133	16528248	17.883	17.829
Target Compounds							
2)	A alpha-BHC	3.742	4.370	53901088	79097453	62.234	62.704
3)	MA gamma-BHC...	4.019	4.652	50817452	76276420	61.950	62.190
4)	MA Heptachlor	4.307	5.160	45338694	75532128	62.217	60.295
5)	MB Aldrin	4.548	5.464	50844899	74500249	63.981	60.591
6)	B beta-BHC	4.268	4.819	21177653	33244330	60.126	59.376
7)	B delta-BHC	4.465	5.036	42804195	61958048	51.053	47.866
8)	B Heptachlor...	4.987	5.848	46187242	68632267	60.883	56.756
9)	A Endosulfan I	5.319	6.203	41592489	61721189	55.981	53.150
10)	B gamma-Chl...	5.210	6.081	49577597	73347558	60.952	55.682
11)	B alpha-Chl...	5.267	6.154	48700637	72315322	60.114	55.695
12)	B 4,4'-DDE	5.436	6.309	47231413	70111819	59.606	57.062
13)	MA Dieldrin	5.560	6.459	46055806	69387575	56.710	55.221
14)	MA Endrin	5.814	6.676	36214609	49712353	48.358	47.431
15)	B Endosulfa...	6.087	6.883	31643285	47658125	42.290	41.214
16)	A 4,4'-DDD	5.947	6.796	32706193	55260153	54.648	54.698
17)	MA 4,4'-DDT	6.184	7.094	32936417	55873380	57.192	56.716
18)	B Endrin al...	6.256	7.006	25560886	39855706	40.242	40.075
19)	B Endosulfa...	6.467	7.228	24012435	37178338	34.159	34.214
20)	A Methoxychlor	6.734	7.550	12545843	22671865	43.901	42.255
21)	B Endrin ke...	6.951	7.698	35206974	52423066	43.931m	43.116
22)	Mirex	7.129	8.153	32424412	43670443	49.841	47.381

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080519\
Data File : PD054174.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 05 Aug 2019 18:30
Operator : SM\AJ
Sample : K4143-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

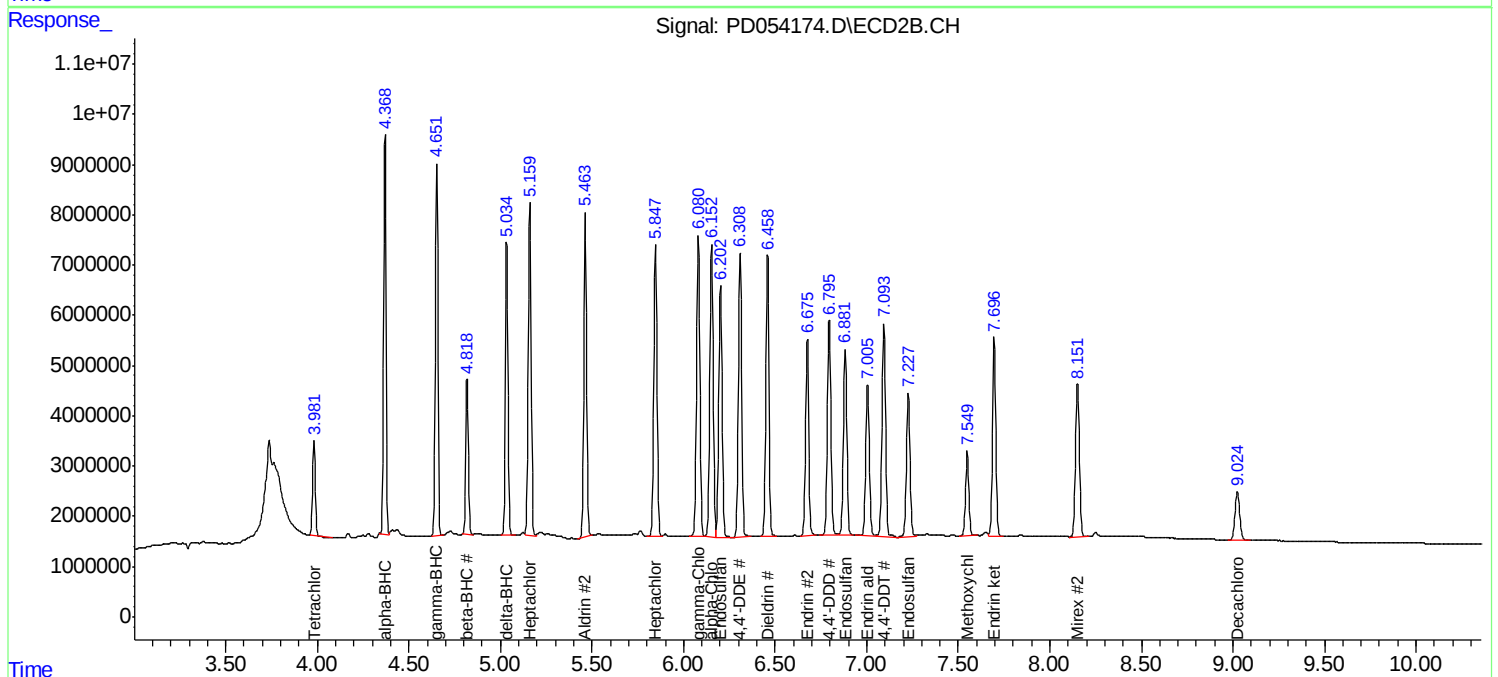
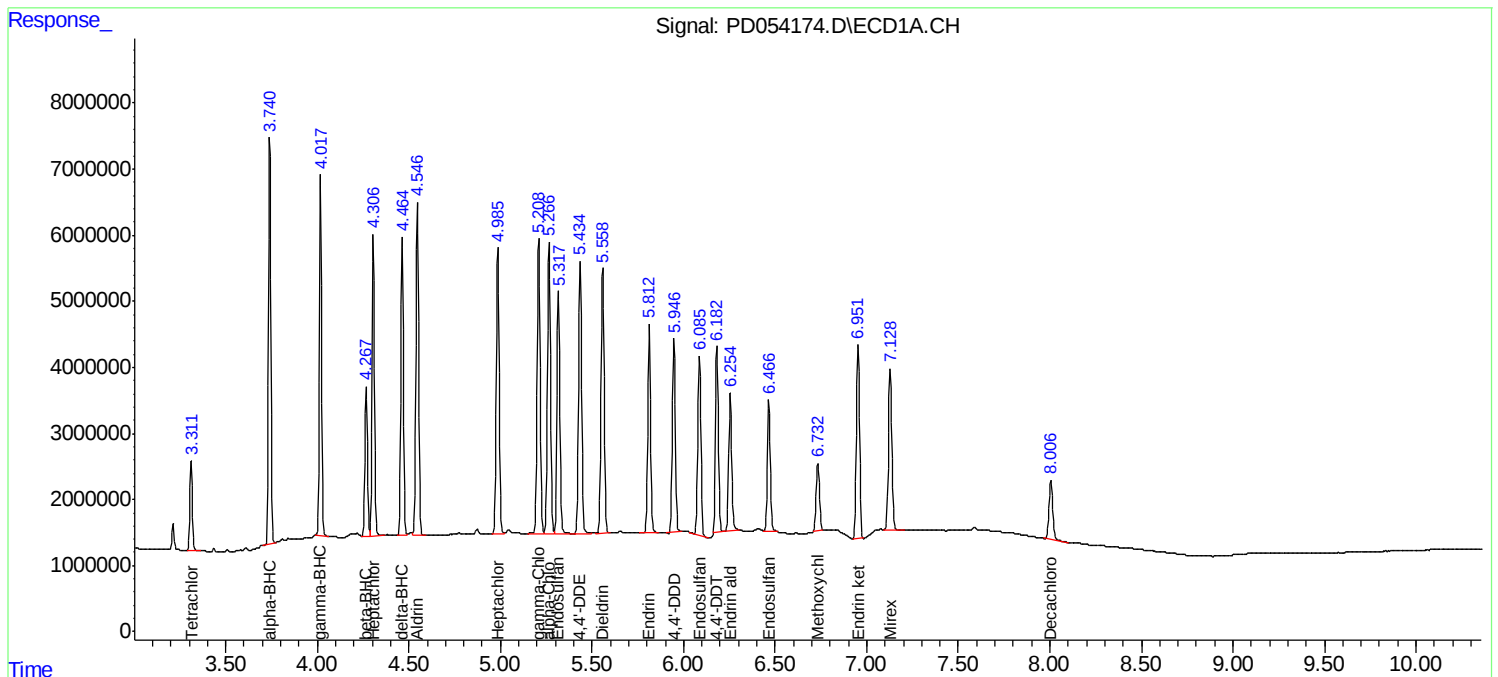
Instrument :
ECD_D
ClientSampleId :
PST-006-B259-073019MS

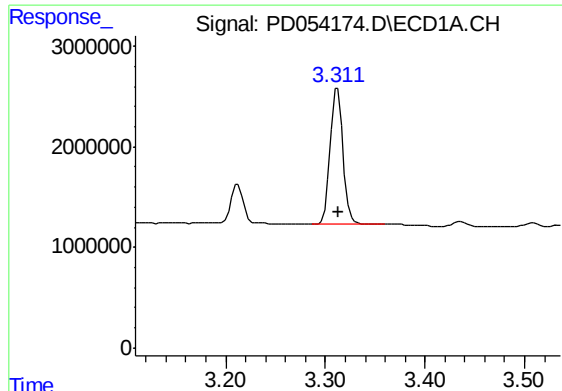
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 04:17:04 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 04:33:23 2019
Response 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





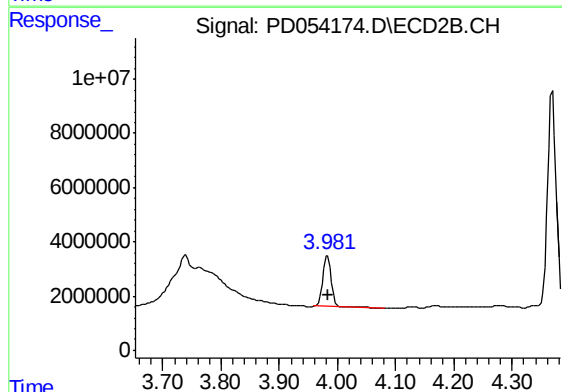
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 12118387
Conc: 21.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-006-B259-073019MS

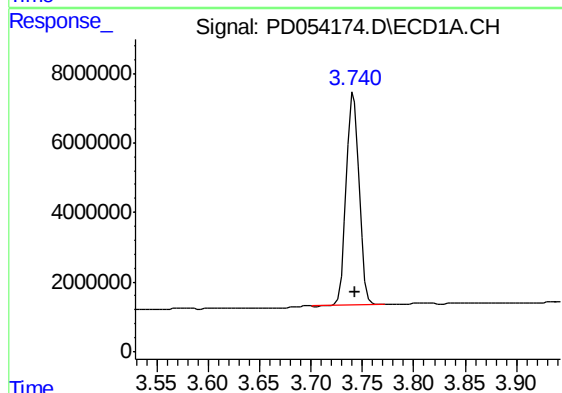
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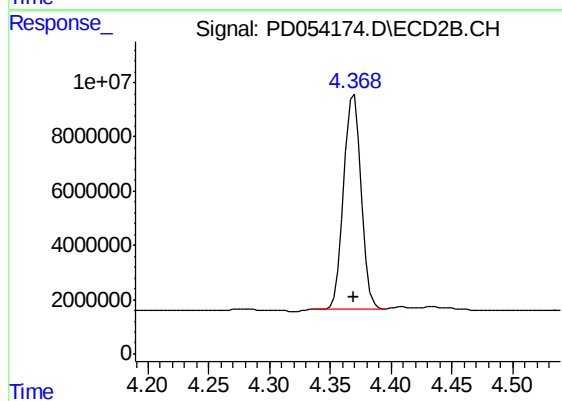
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 18742673
Conc: 21.52 ng/ml



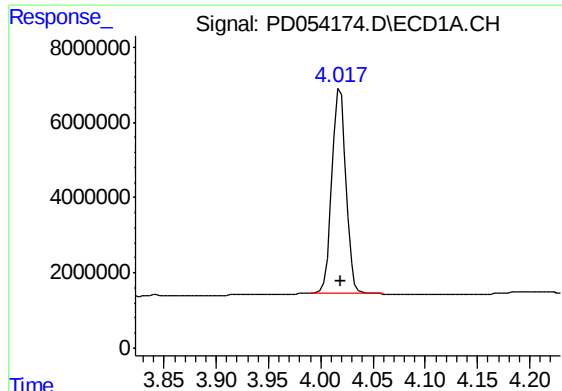
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 53901088
Conc: 62.23 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 79097453
Conc: 62.70 ng/ml



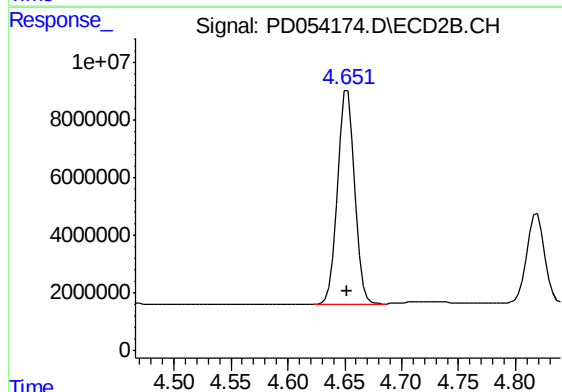
#3 gamma-BHC (Lindane)

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 50817452
Conc: 61.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-006-B259-073019MS

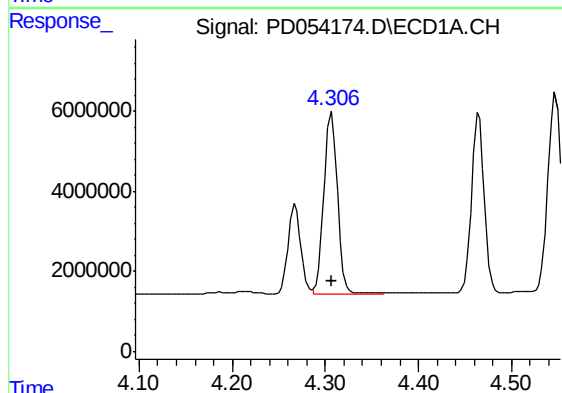
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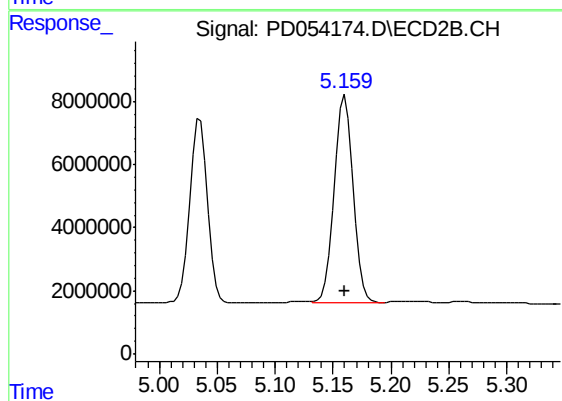
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 76276420
Conc: 62.19 ng/ml



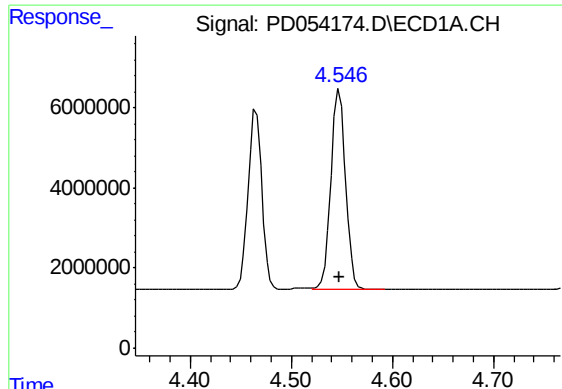
#4 Heptachlor

R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 45338694
Conc: 62.22 ng/ml



#4 Heptachlor

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 75532128
Conc: 60.30 ng/ml



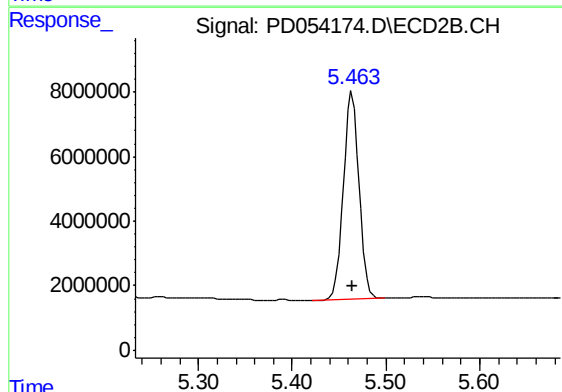
#5 Aldrin

R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 50844899
Conc: 63.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-006-B259-073019MS

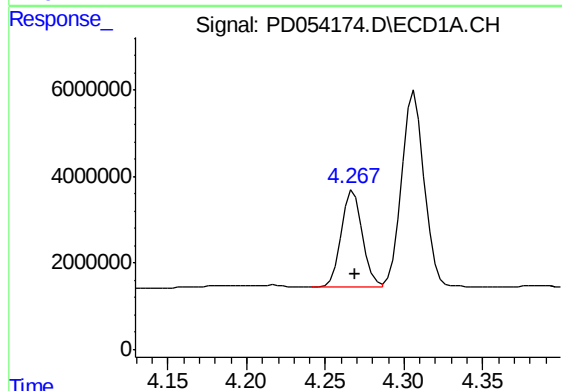
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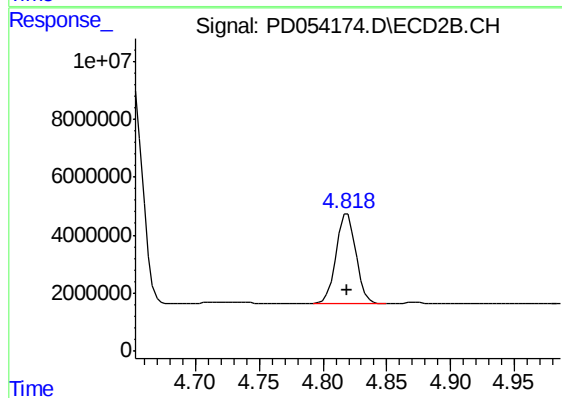
#5 Aldrin

R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 74500249
Conc: 60.59 ng/ml



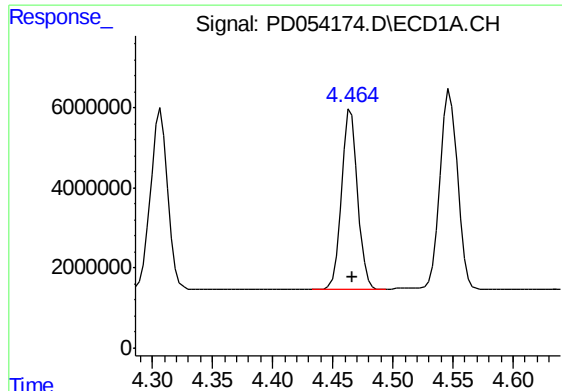
#6 beta-BHC

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 21177653
Conc: 60.13 ng/ml



#6 beta-BHC

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 33244330
Conc: 59.38 ng/ml



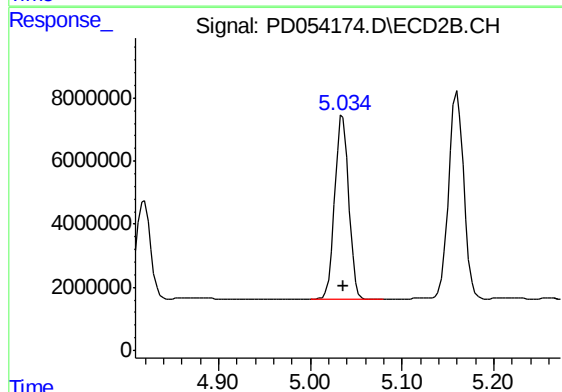
#7 delta-BHC

R.T.: 4.465 min
Delta R.T.: -0.001 min
Response: 42804195
Conc: 51.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-006-B259-073019MS

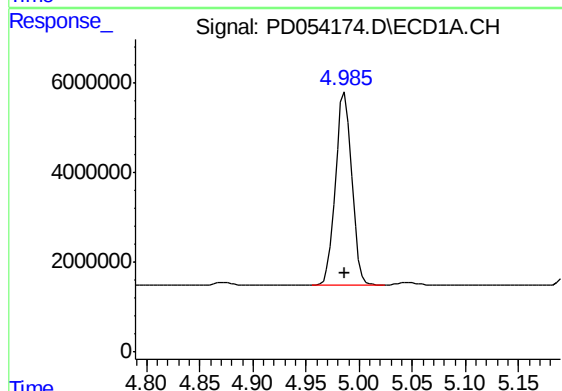
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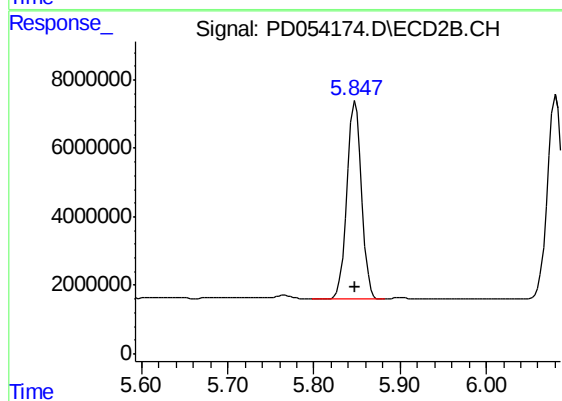
#7 delta-BHC

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 61958048
Conc: 47.87 ng/ml



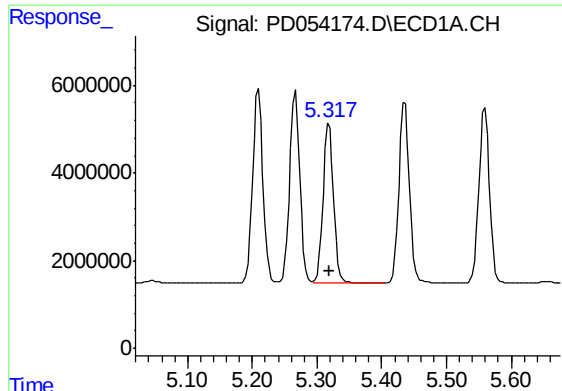
#8 Heptachlor epoxide

R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 46187242
Conc: 60.88 ng/ml



#8 Heptachlor epoxide

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 68632267
Conc: 56.76 ng/ml



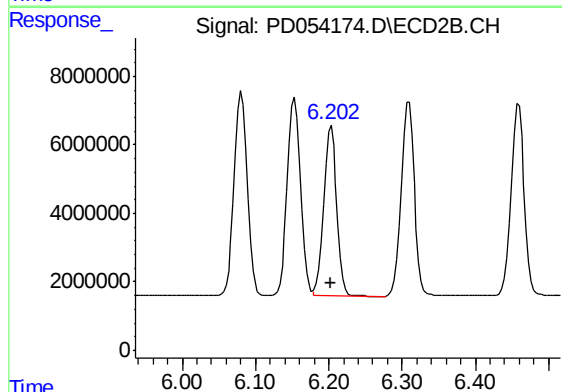
#9 Endosulfan I

R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 41592489
Conc: 55.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-006-B259-073019MS

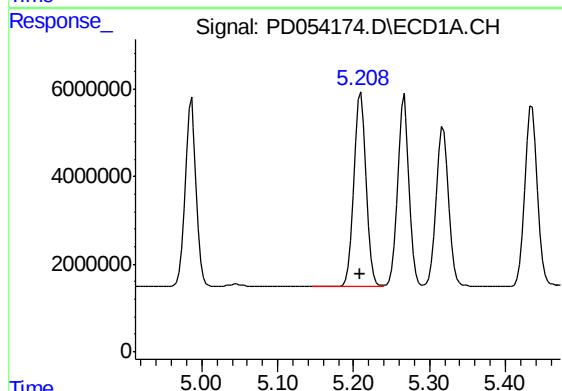
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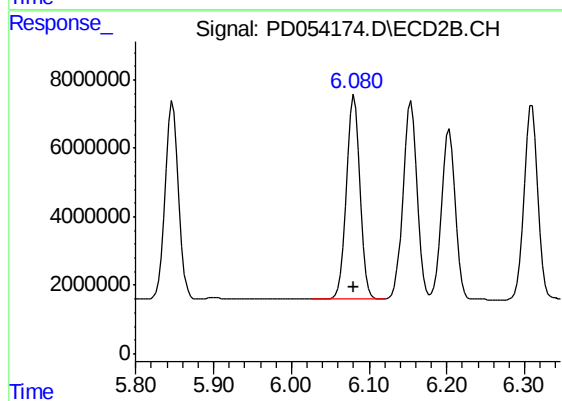
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 61721189
Conc: 53.15 ng/ml



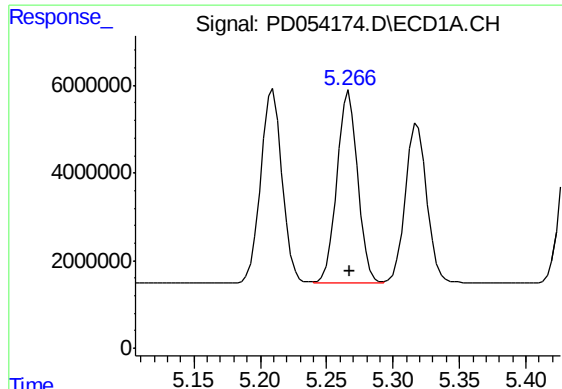
#10 gamma-Chlordane

R.T.: 5.210 min
Delta R.T.: 0.000 min
Response: 49577597
Conc: 60.95 ng/ml



#10 gamma-Chlordane

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 73347558
Conc: 55.68 ng/ml



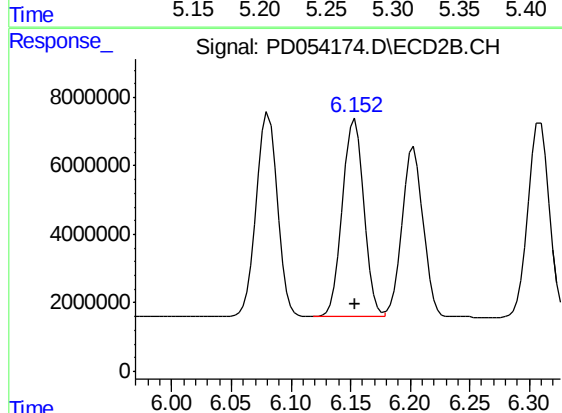
#11 alpha-Chlordane

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 48700637
Conc: 60.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-006-B259-073019MS

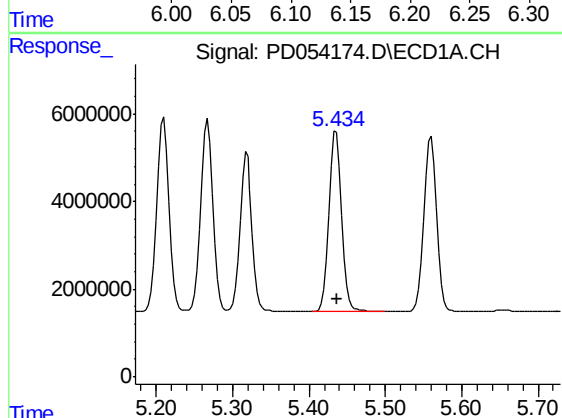
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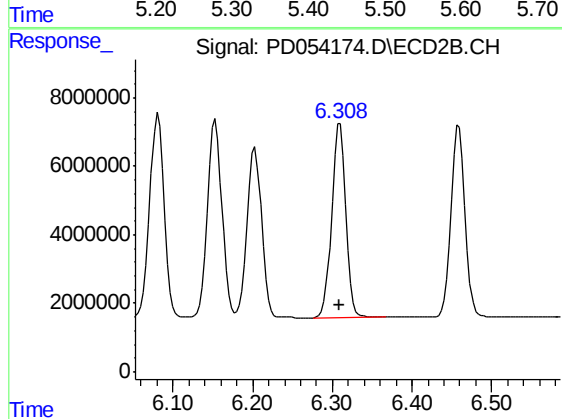
#11 alpha-Chlordane

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 72315322
Conc: 55.69 ng/ml



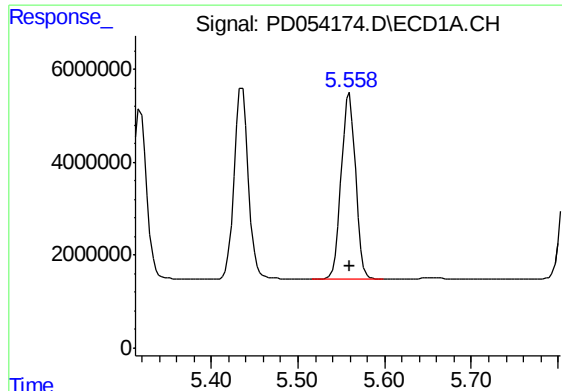
#12 4,4'-DDE

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 47231413
Conc: 59.61 ng/ml



#12 4,4'-DDE

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 70111819
Conc: 57.06 ng/ml



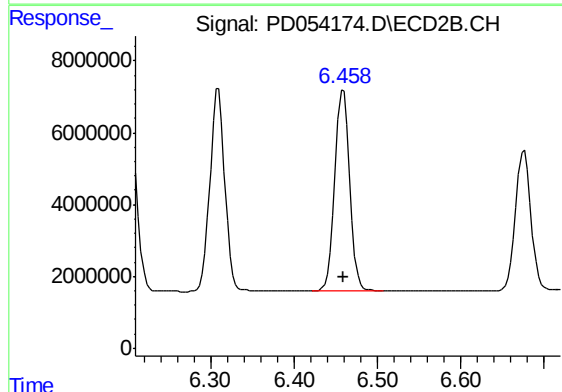
#13 Dieldrin

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 46055806
Conc: 56.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-006-B259-073019MS

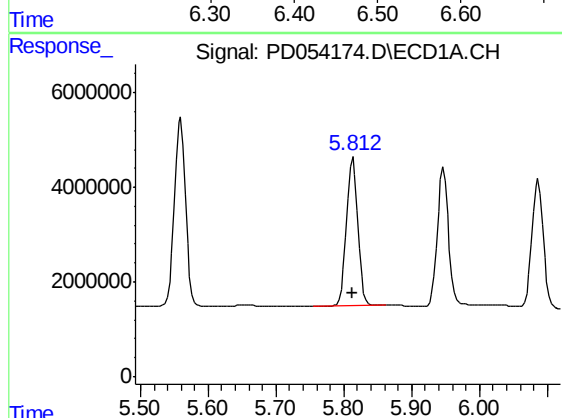
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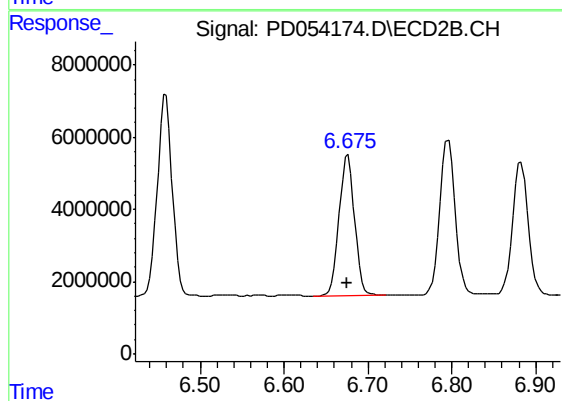
#13 Dieldrin

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 69387575
Conc: 55.22 ng/ml



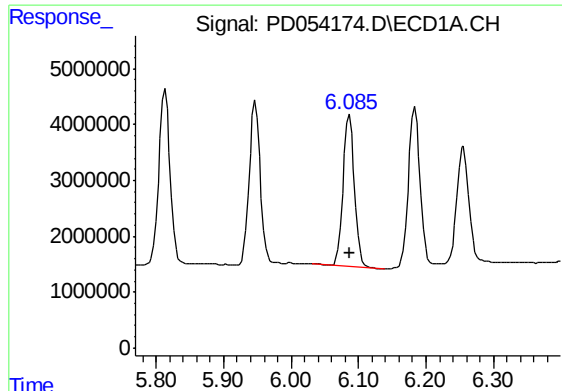
#14 Endrin

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 36214609
Conc: 48.36 ng/ml



#14 Endrin

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 49712353
Conc: 47.43 ng/ml



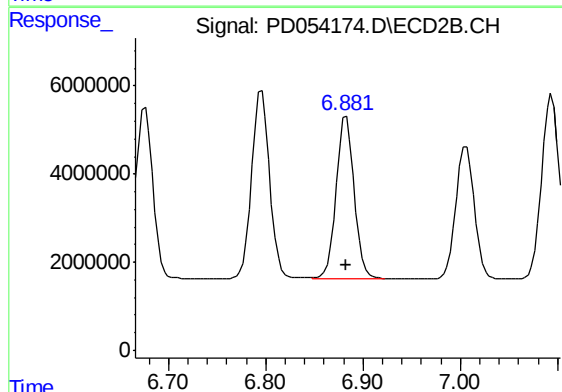
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: -0.001 min
Response: 31643285
Conc: 42.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-006-B259-073019MS

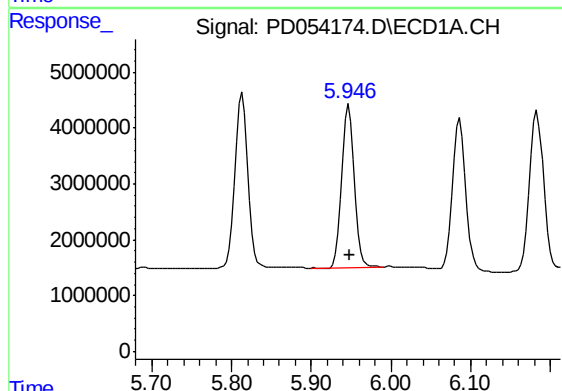
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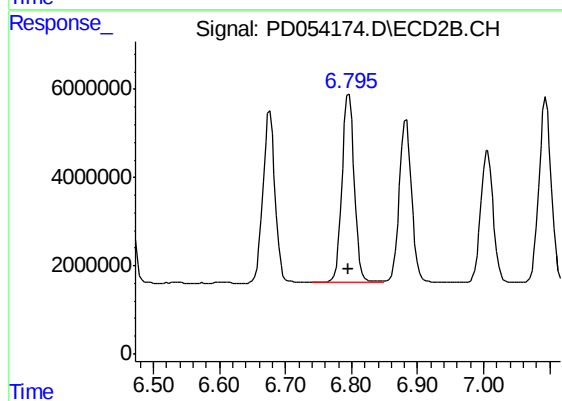
#15 Endosulfan II

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 47658125
Conc: 41.21 ng/ml



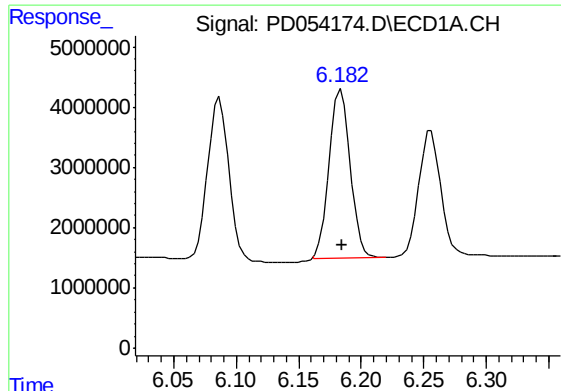
#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 32706193
Conc: 54.65 ng/ml



#16 4,4'-DDD

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 55260153
Conc: 54.70 ng/ml



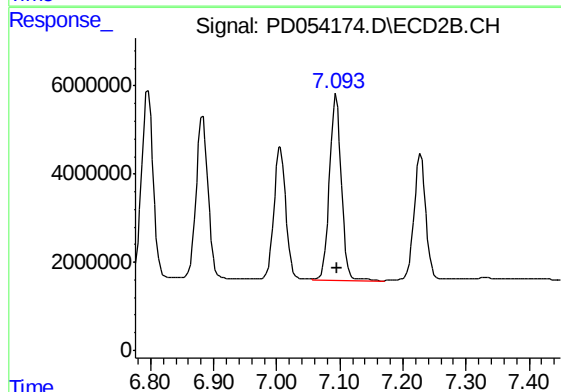
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: 0.000 min
Response: 32936417
Conc: 57.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-006-B259-073019MS

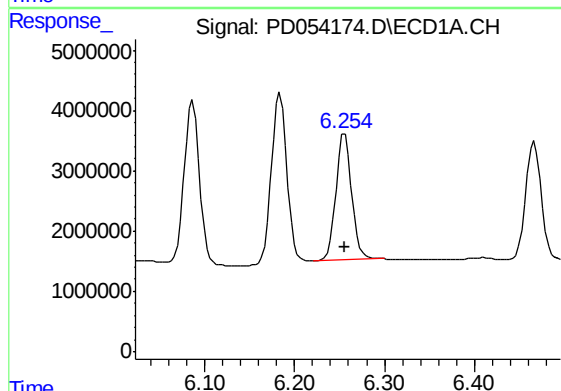
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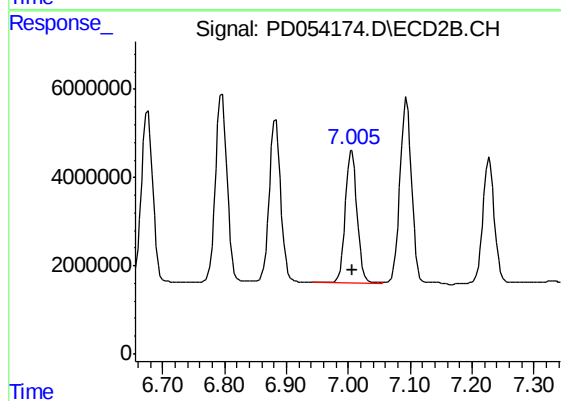
#17 4,4'-DDT

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 55873380
Conc: 56.72 ng/ml



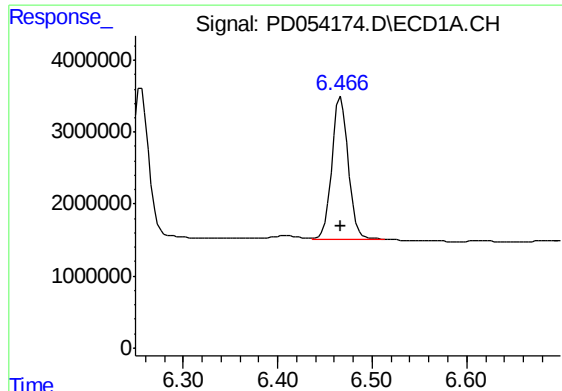
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 25560886
Conc: 40.24 ng/ml



#18 Endrin aldehyde

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 39855706
Conc: 40.08 ng/ml



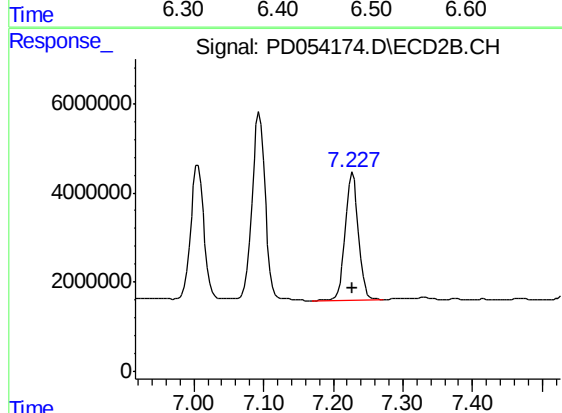
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 24012435
Conc: 34.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-006-B259-073019MS

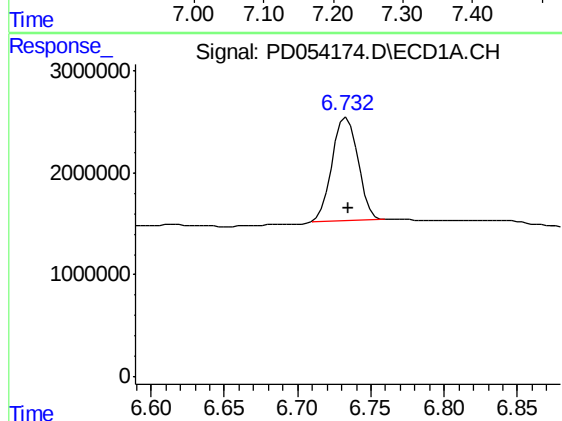
Manual Integrations
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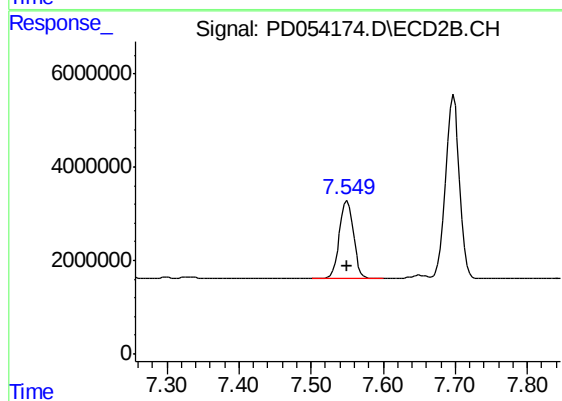
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 37178338
Conc: 34.21 ng/ml



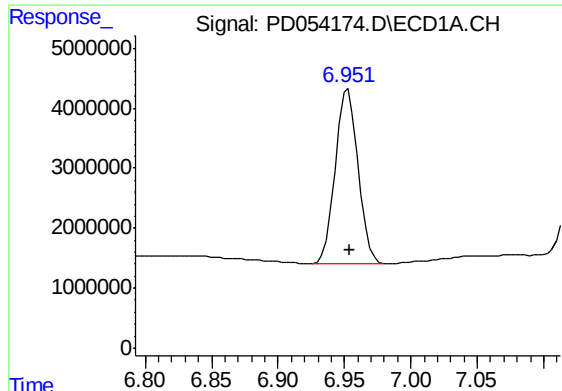
#20 Methoxychlor

R.T.: 6.734 min
Delta R.T.: 0.000 min
Response: 12545843
Conc: 43.90 ng/ml



#20 Methoxychlor

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 22671865
Conc: 42.25 ng/ml



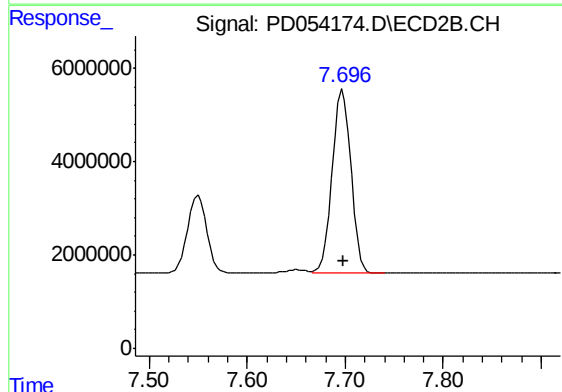
#21 Endrin ketone

R.T.: 6.951 min
Delta R.T.: -0.002 min
Response: 35206974
Conc: 43.93 ng/ml m

Instrument :
ECD_D
ClientSampleId :
PST-006-B259-073019MS

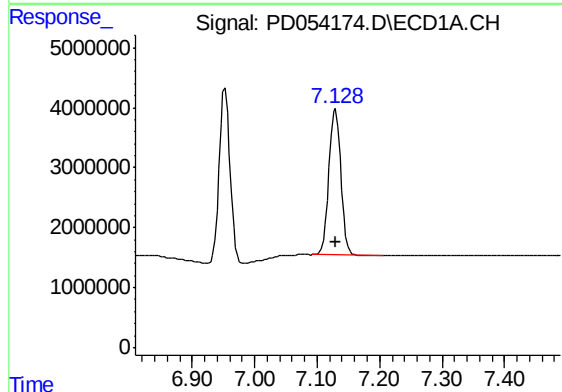
Manual Integrations
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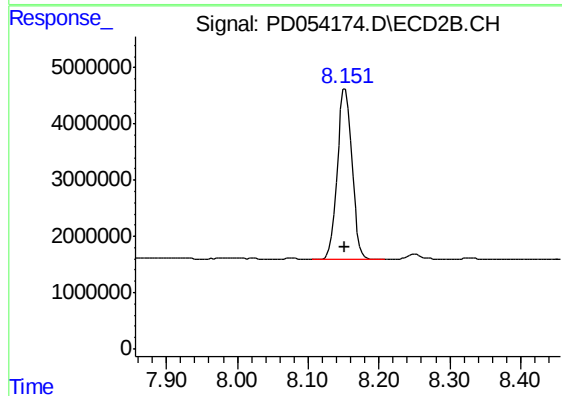
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 52423066
Conc: 43.12 ng/ml



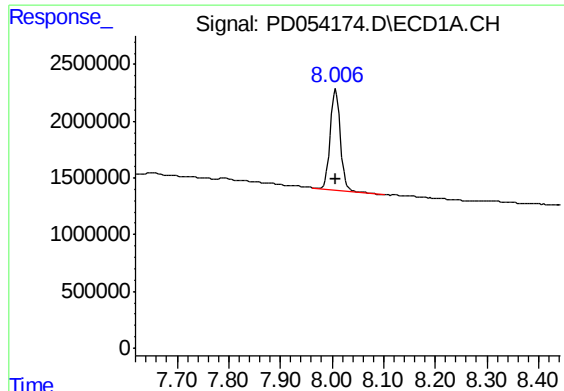
#22 Mirex

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 32424412
Conc: 49.84 ng/ml



#22 Mirex

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 43670443
Conc: 47.38 ng/ml



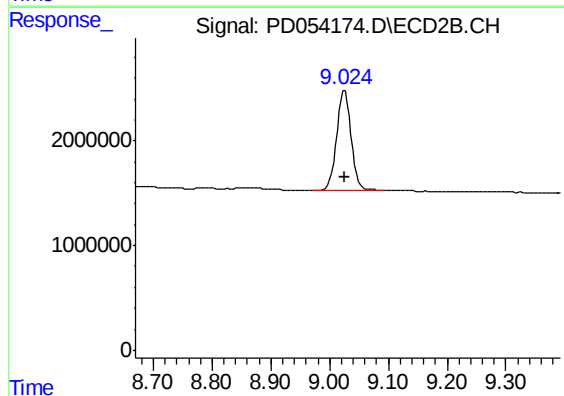
#28 Decachlorobiphenyl

R.T.: 8.007 min
Delta R.T.: -0.001 min
Response: 12038133
Conc: 17.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-006-B259-073019MS

Manual Integrations
APPROVED

Ankita
8/6/2019 2:26:16 PM



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 16528248
Conc: 17.83 ng/ml