

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080519\
 Data File : PD054175.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Aug 2019 18:44
 Operator : SM\AJ
 Sample : K4143-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 04:17:23 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	11908406	18444188	20.691	21.173
28)	SA Decachlor...	8.006	9.025	12304204	16629680	18.278	17.938
Target Compounds							
2)	A alpha-BHC	3.742	4.370	52956248	77370752	61.143	61.335
3)	MA gamma-BHC...	4.019	4.653	50356772	75133722	61.388	61.258
4)	MA Heptachlor	4.307	5.160	45405852	75283254	62.309	60.097
5)	MB Aldrin	4.548	5.464	50968949	74561207	64.138	60.641
6)	B beta-BHC	4.268	4.819	20950953	32996956	59.482	58.934
7)	B delta-BHC	4.466	5.036	42695467	61226063	50.923	47.301
8)	B Heptachlor...	4.986	5.848	46375907	68686044	61.131	56.800
9)	A Endosulfan I	5.318	6.203	42018346	61860916	56.554	53.271
10)	B gamma-Chl...	5.209	6.081	50038632	73549741	61.519	55.836
11)	B alpha-Chl...	5.266	6.153	48943708	72537026	60.414	55.866
12)	B 4,4'-DDE	5.435	6.309	47744249	70182564	60.253	57.119
13)	MA Dieldrin	5.559	6.459	46541324	69716080	57.308	55.482
14)	MA Endrin	5.813	6.676	36471804	49942236	48.701	47.650
15)	B Endosulfa...	6.086	6.883	32007173	47870648	42.777	41.398
16)	A 4,4'-DDD	5.947	6.795	32960246	55220640	55.072	54.659
17)	MA 4,4'-DDT	6.184	7.094	33498323	56084476	58.167	56.931
18)	B Endrin al...	6.255	7.006	25885704	40041405	40.754	40.262
19)	B Endosulfa...	6.467	7.228	24204683	37642202	34.433	34.640
20)	A Methoxychlor	6.733	7.550	12460477	22917802	43.602	42.713
21)	B Endrin ke...	6.951	7.698	35680602	52995660	44.522m	43.587
22)	Mirex	7.128	8.153	32659599	43874395	50.202	47.602

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080519\
 Data File : PD054175.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Aug 2019 18:44
 Operator : SM\AJ
 Sample : K4143-05MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

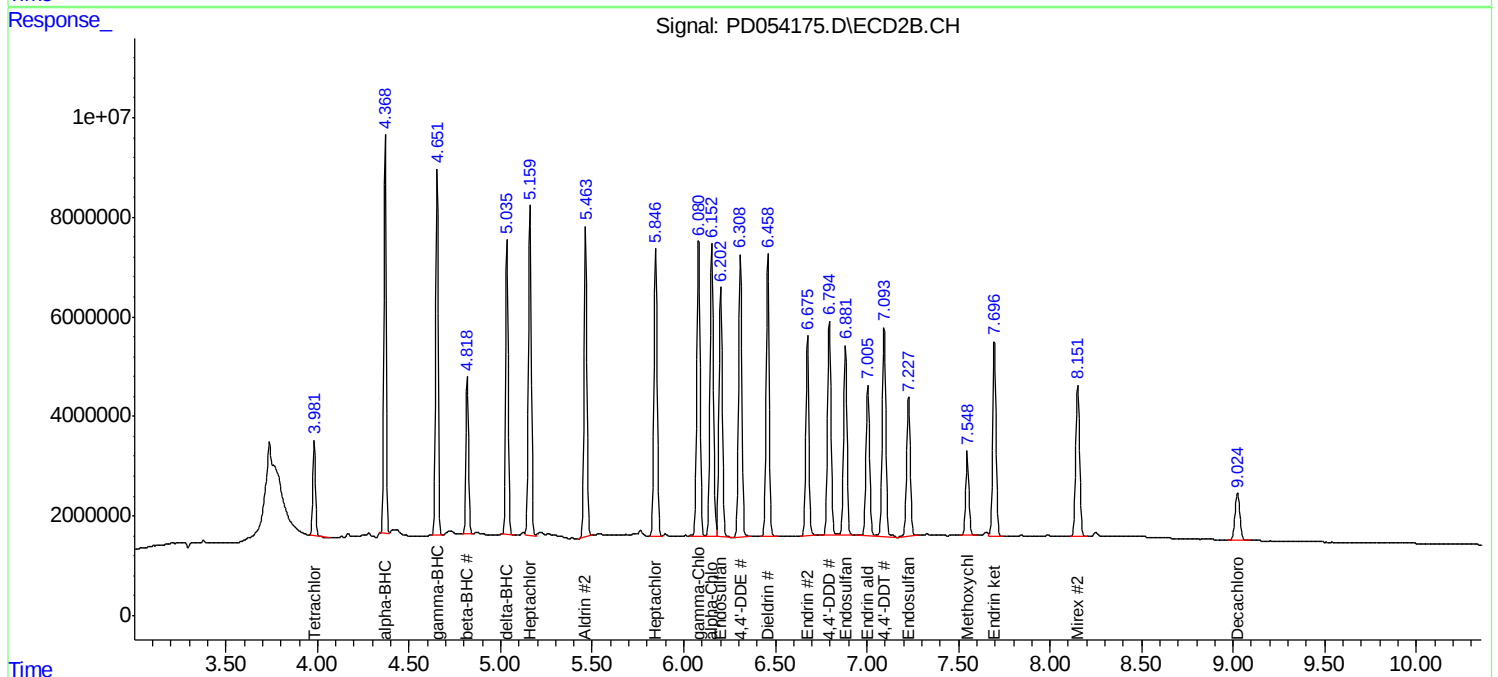
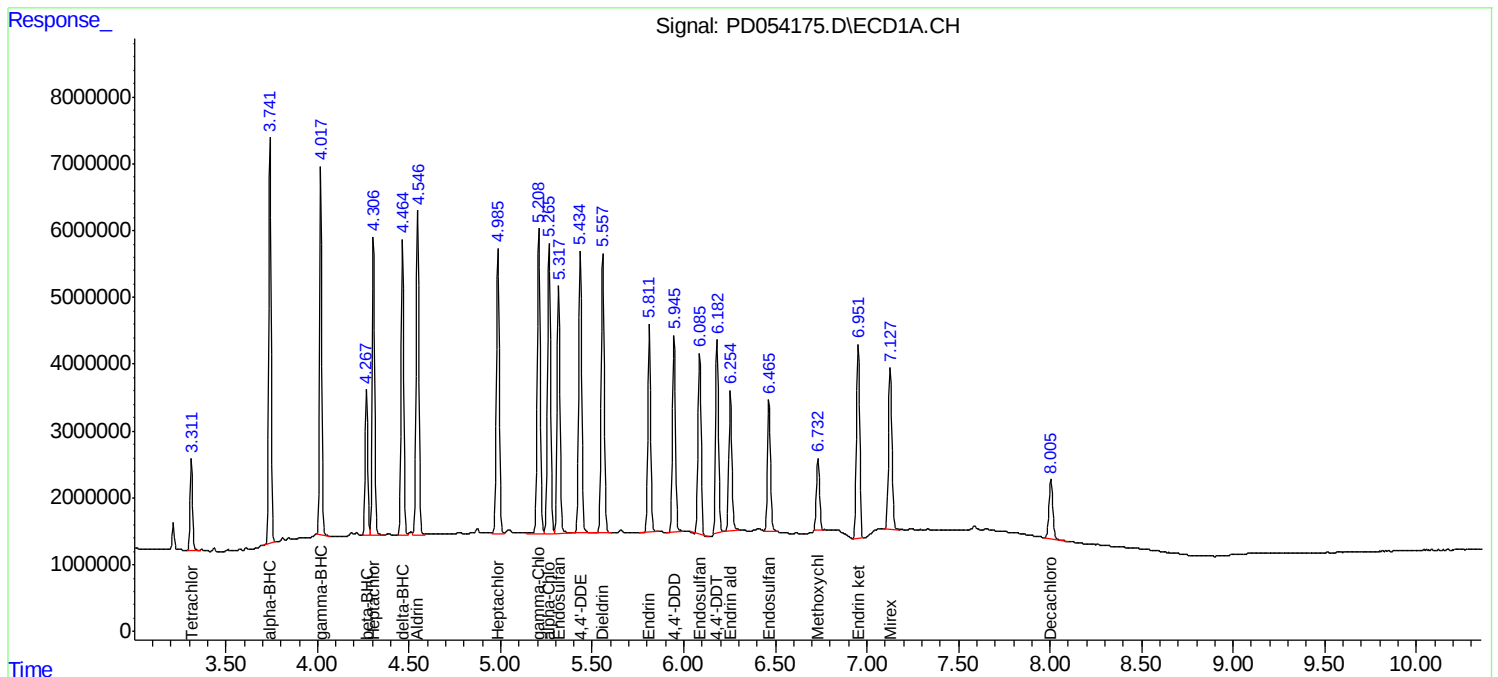
Instrument :
 ECD_D
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 PST-006-B259-073019MSD

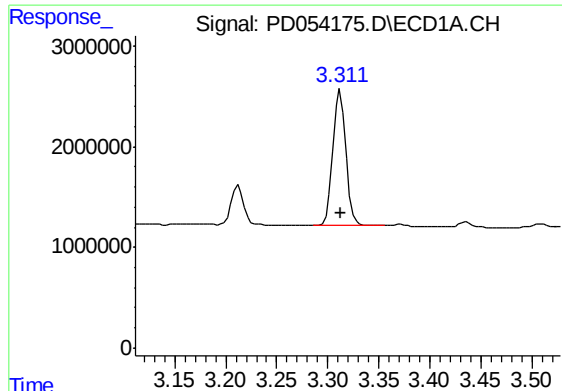
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 04:17:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 04:33:23 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





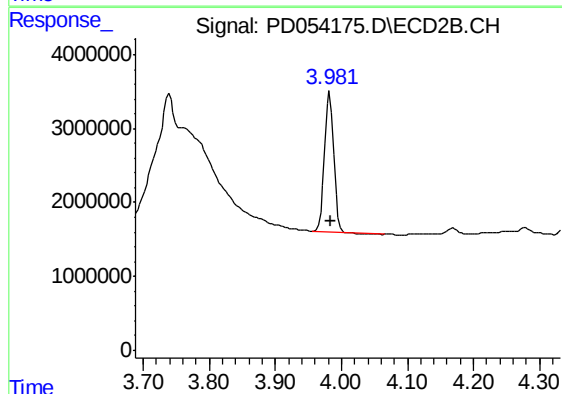
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 11908406
Conc: 20.69 ng/ml

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

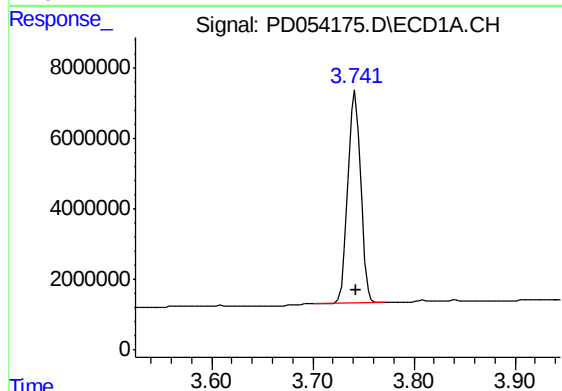
Manual Integrations
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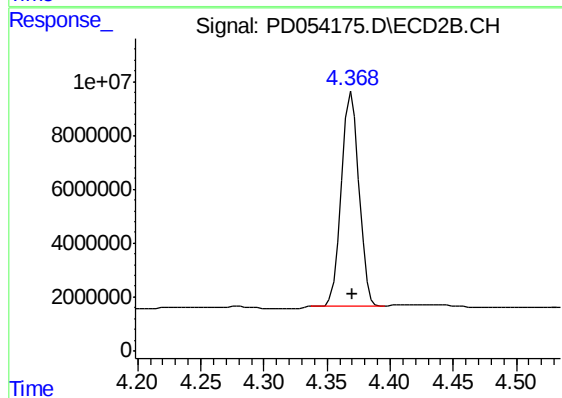
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 18444188
Conc: 21.17 ng/ml



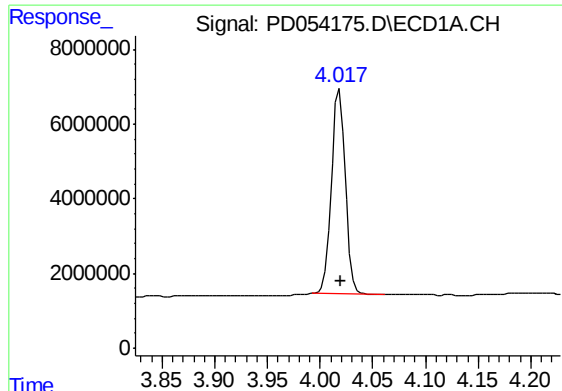
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 52956248
Conc: 61.14 ng/ml



#2 alpha-BHC

R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 77370752
Conc: 61.33 ng/ml



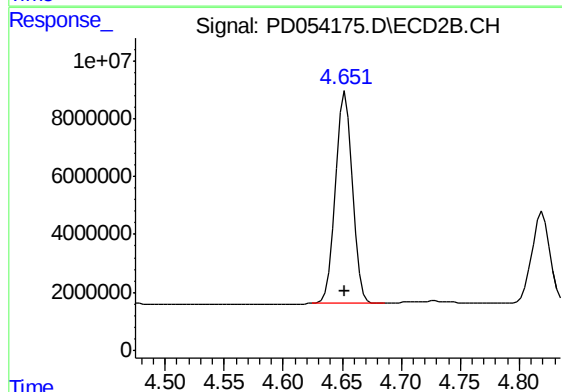
#3 gamma-BHC (Lindane)

R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 50356772
Conc: 61.39 ng/ml

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

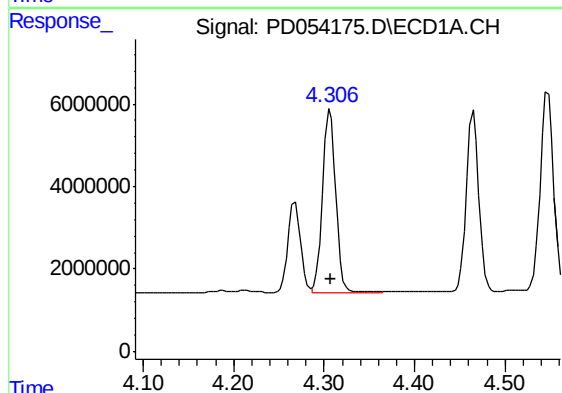
Manual Integrations
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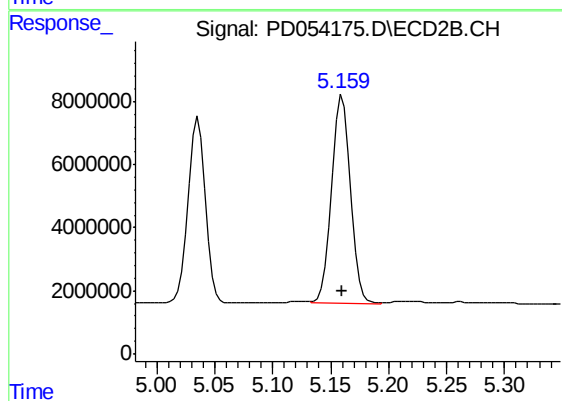
#3 gamma-BHC (Lindane)

R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 75133722
Conc: 61.26 ng/ml



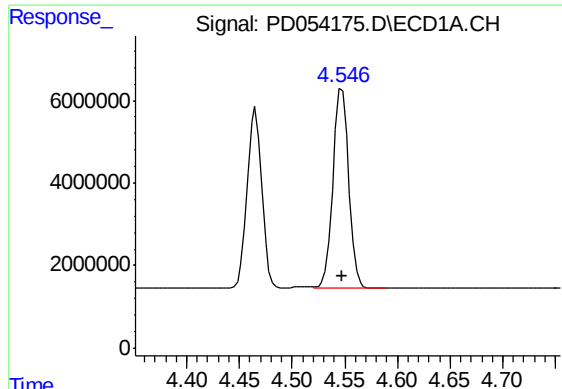
#4 Heptachlor

R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 45405852
Conc: 62.31 ng/ml



#4 Heptachlor

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 75283254
Conc: 60.10 ng/ml



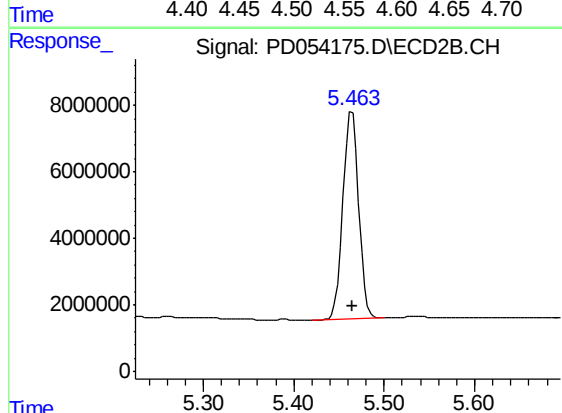
#5 Aldrin

R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 50968949
Conc: 64.14 ng/ml

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

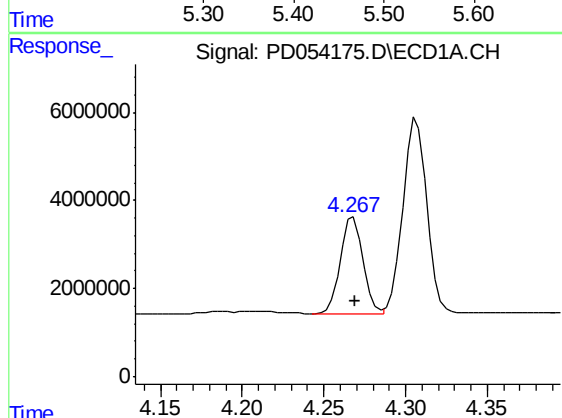
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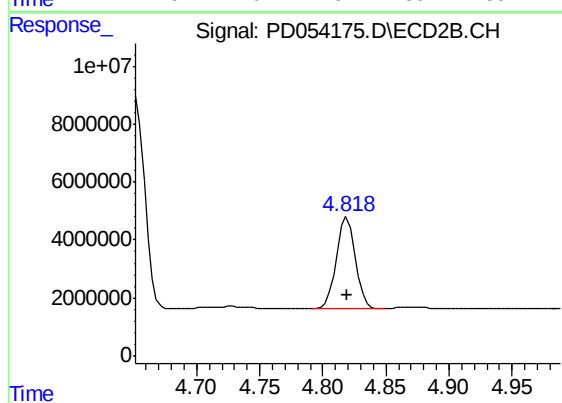
#5 Aldrin

R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 74561207
Conc: 60.64 ng/ml



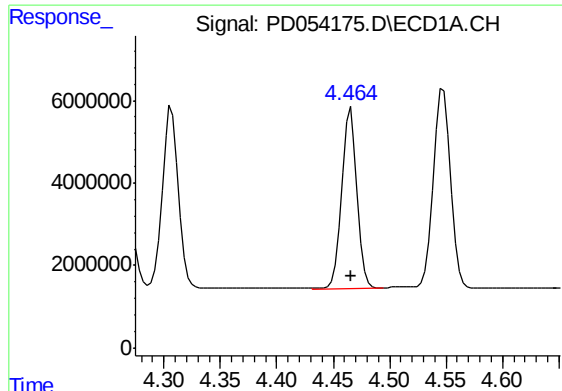
#6 beta-BHC

R.T.: 4.268 min
Delta R.T.: 0.000 min
Response: 20950953
Conc: 59.48 ng/ml



#6 beta-BHC

R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 32996956
Conc: 58.93 ng/ml



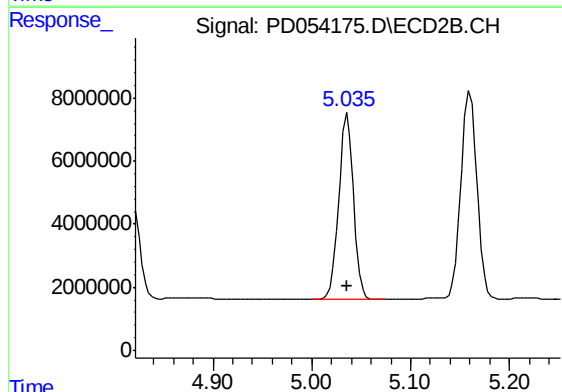
#7 delta-BHC

R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 42695467
Conc: 50.92 ng/ml

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

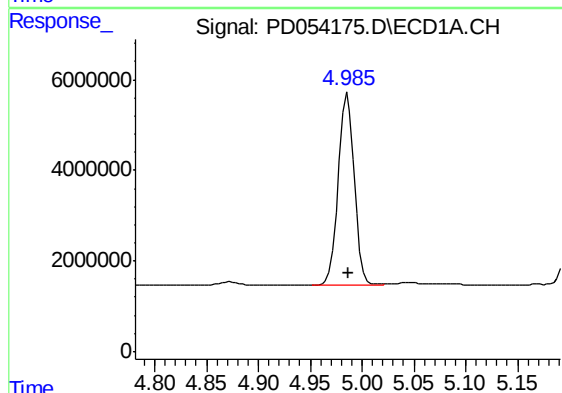
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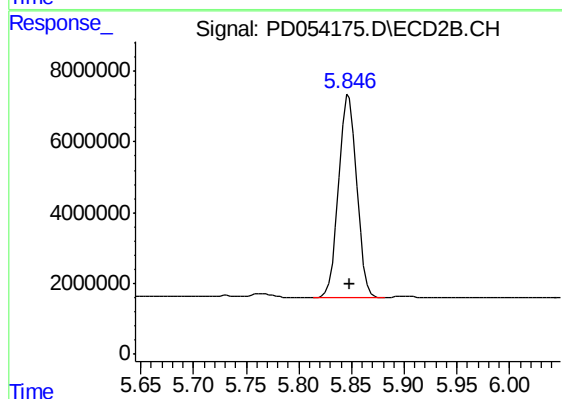
#7 delta-BHC

R.T.: 5.036 min
Delta R.T.: 0.000 min
Response: 61226063
Conc: 47.30 ng/ml



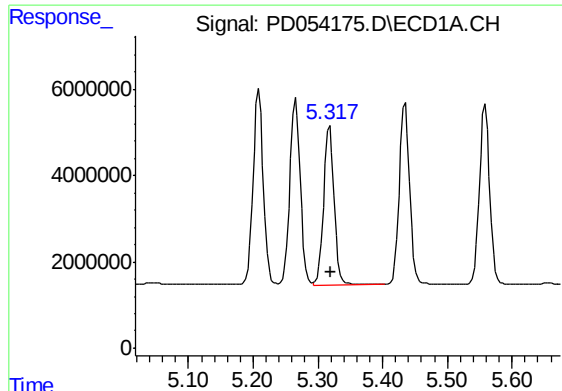
#8 Heptachlor epoxide

R.T.: 4.986 min
Delta R.T.: 0.000 min
Response: 46375907
Conc: 61.13 ng/ml



#8 Heptachlor epoxide

R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 68686044
Conc: 56.80 ng/ml



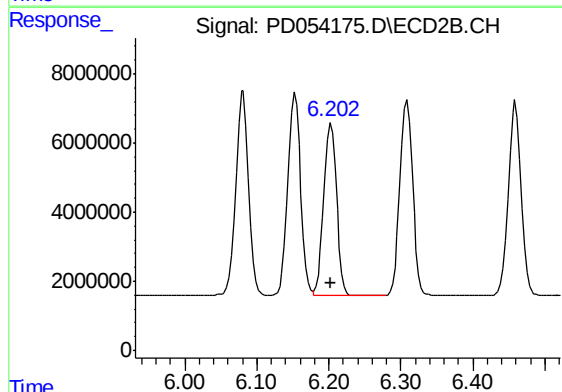
#9 Endosulfan I

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 42018346
Conc: 56.55 ng/ml

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

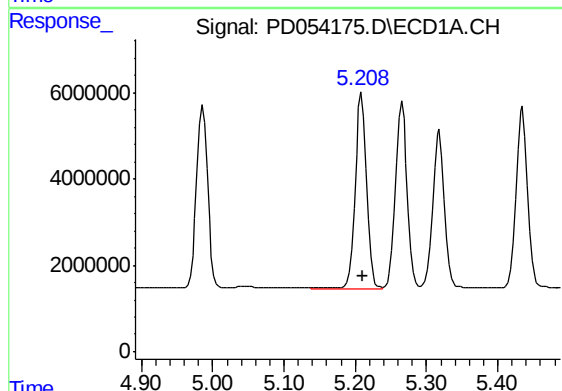
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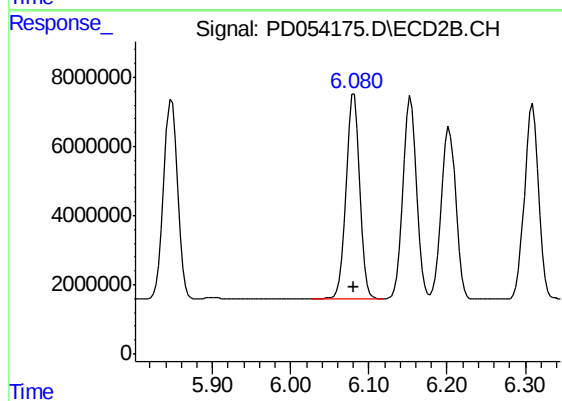
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 61860916
Conc: 53.27 ng/ml



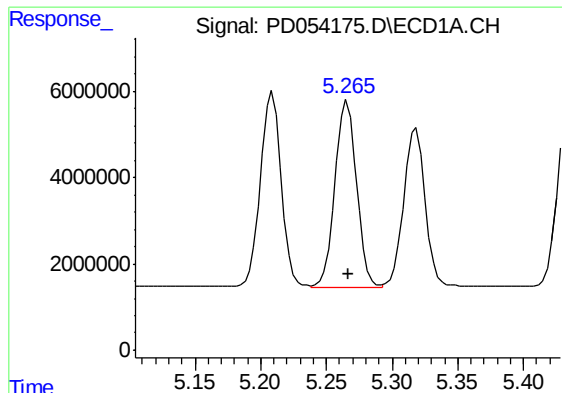
#10 gamma-Chlordane

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 50038632
Conc: 61.52 ng/ml



#10 gamma-Chlordane

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 73549741
Conc: 55.84 ng/ml



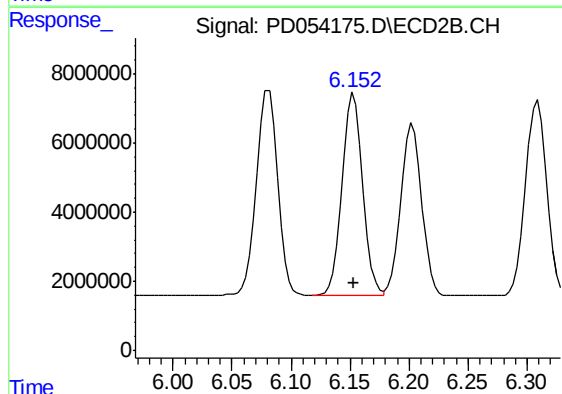
#11 alpha-Chlordane

R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 48943708
Conc: 60.41 ng/ml

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

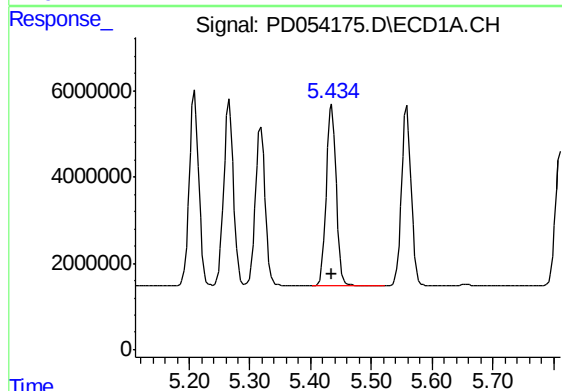
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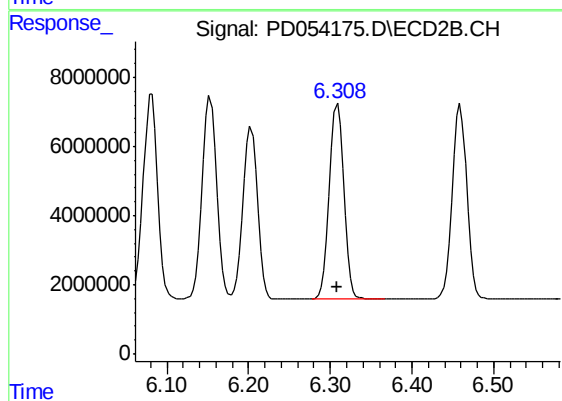
#11 alpha-Chlordane

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 72537026
Conc: 55.87 ng/ml



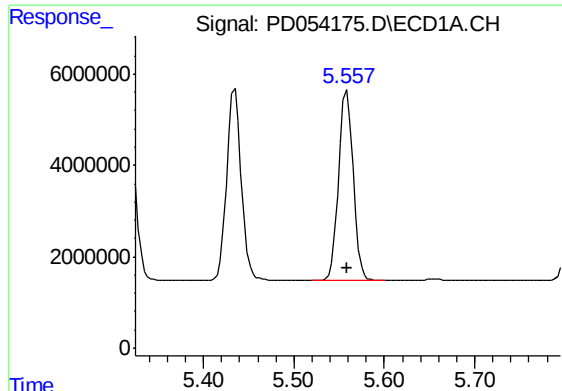
#12 4,4'-DDE

R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 47744249
Conc: 60.25 ng/ml



#12 4,4'-DDE

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 70182564
Conc: 57.12 ng/ml



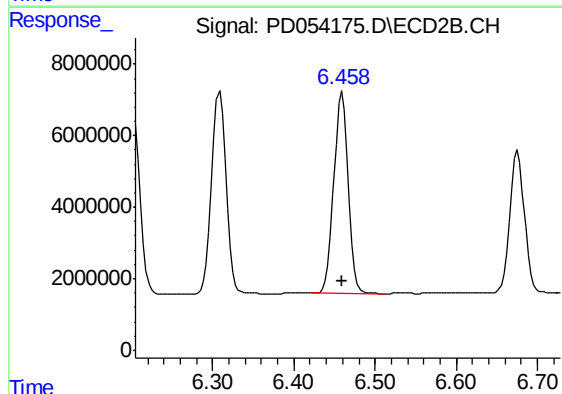
#13 Dieldrin

R.T.: 5.559 min
Delta R.T.: 0.000 min
Response: 46541324
Conc: 57.31 ng/ml

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

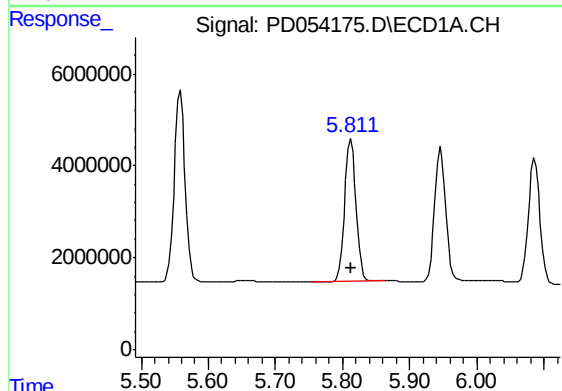
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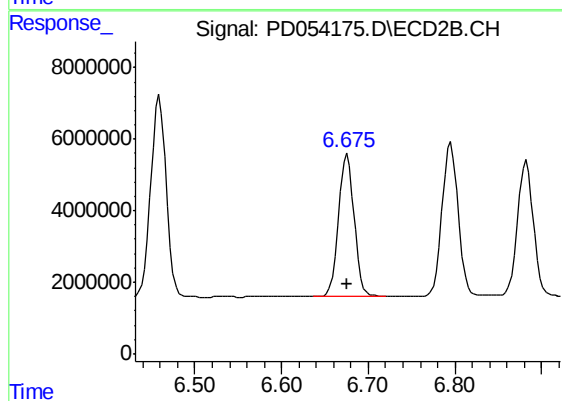
#13 Dieldrin

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 69716080
Conc: 55.48 ng/ml



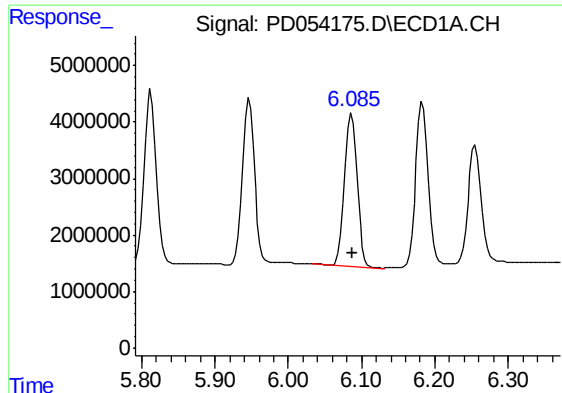
#14 Endrin

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 36471804
Conc: 48.70 ng/ml



#14 Endrin

R.T.: 6.676 min
Delta R.T.: 0.000 min
Response: 49942236
Conc: 47.65 ng/ml



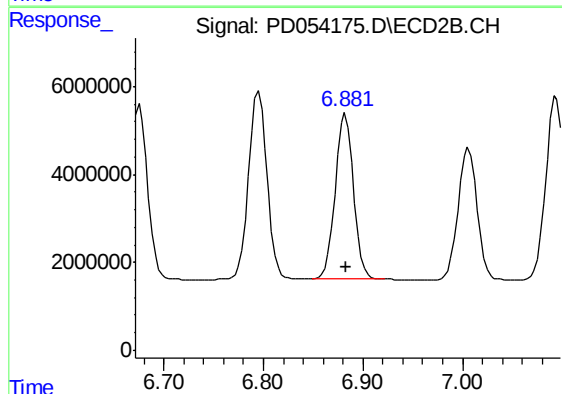
#15 Endosulfan II

R.T.: 6.086 min
Delta R.T.: -0.001 min
Response: 32007173
Conc: 42.78 ng/ml

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

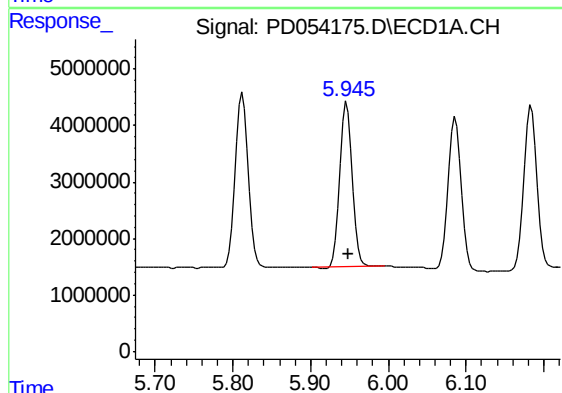
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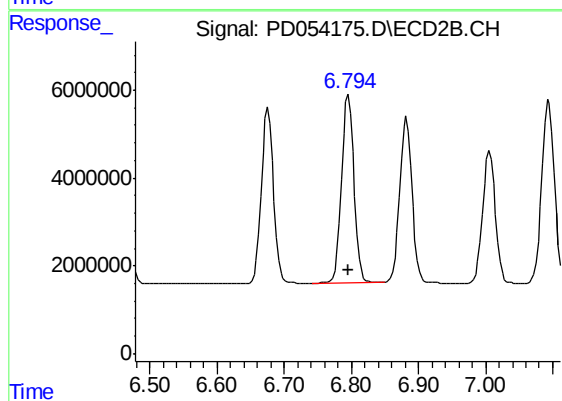
#15 Endosulfan II

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 47870648
Conc: 41.40 ng/ml



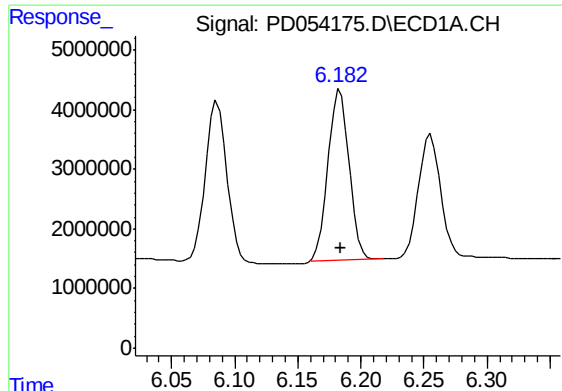
#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: -0.002 min
Response: 32960246
Conc: 55.07 ng/ml



#16 4,4'-DDD

R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 55220640
Conc: 54.66 ng/ml



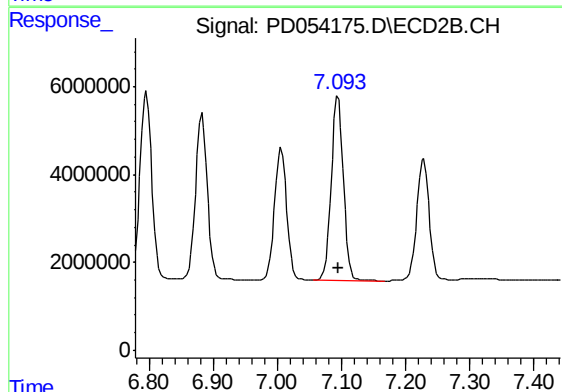
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: -0.001 min
Response: 33498323
Conc: 58.17 ng/ml

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

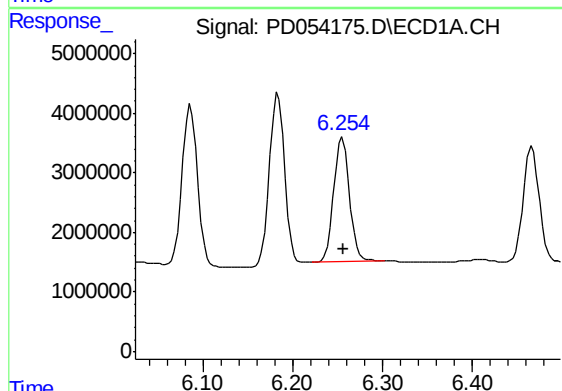
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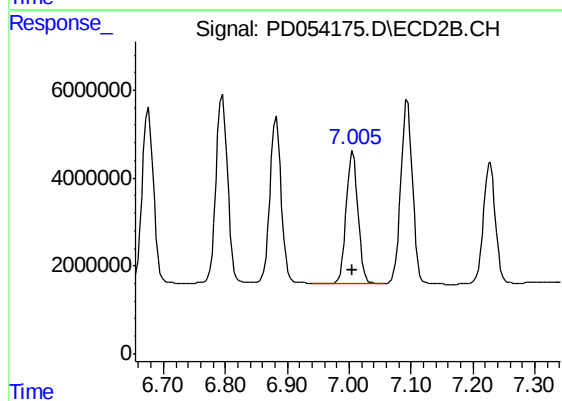
#17 4,4'-DDT

R.T.: 7.094 min
Delta R.T.: 0.000 min
Response: 56084476
Conc: 56.93 ng/ml



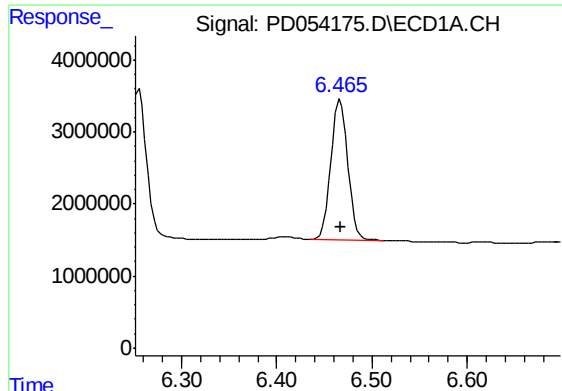
#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.000 min
Response: 25885704
Conc: 40.75 ng/ml



#18 Endrin aldehyde

R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 40041405
Conc: 40.26 ng/ml



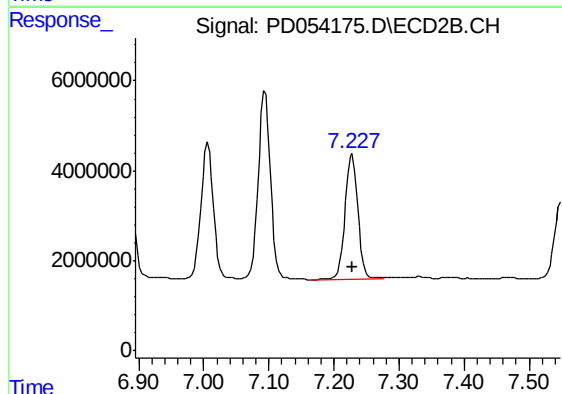
#19 Endosulfan Sulfate

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 24204683
Conc: 34.43 ng/ml

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

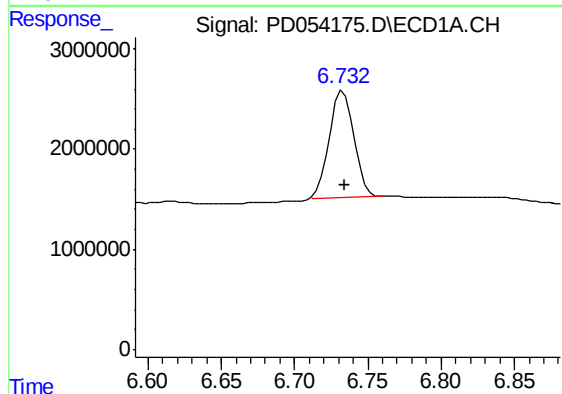
Manual Integrations
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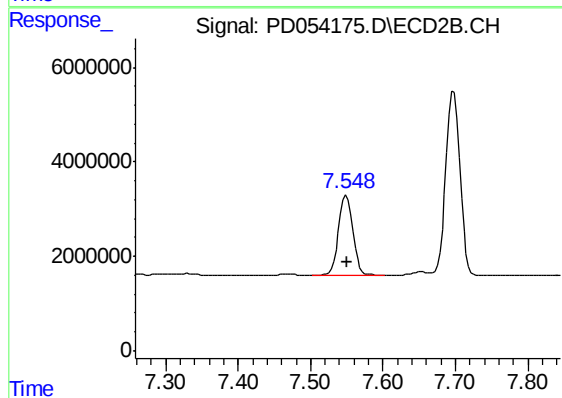
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 37642202
Conc: 34.64 ng/ml



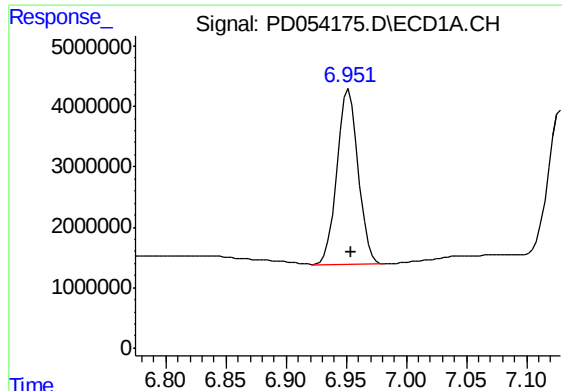
#20 Methoxychlor

R.T.: 6.733 min
Delta R.T.: -0.001 min
Response: 12460477
Conc: 43.60 ng/ml



#20 Methoxychlor

R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 22917802
Conc: 42.71 ng/ml



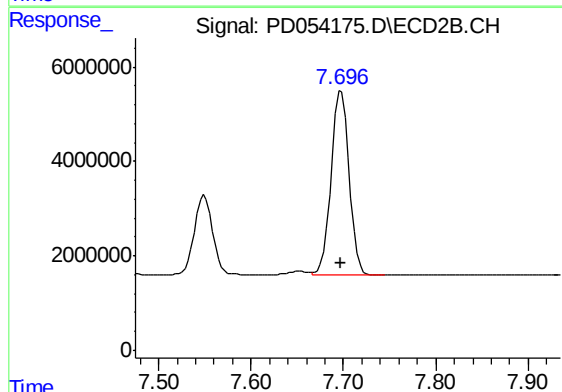
#21 Endrin ketone

R.T.: 6.951 min
Delta R.T.: -0.003 min
Response: 35680602
Conc: 44.52 ng/ml m

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

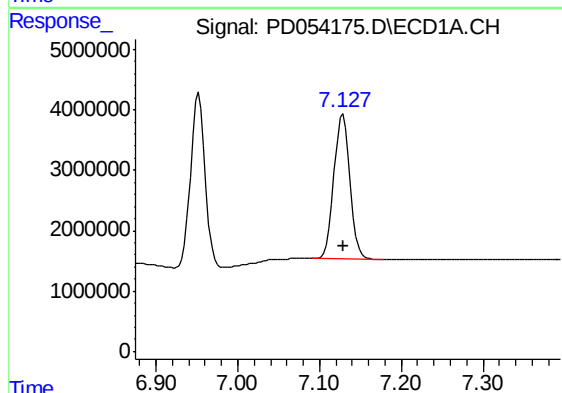
Manual Integrations
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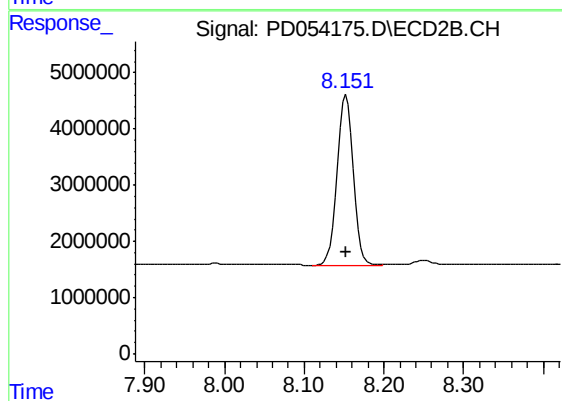
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 52995660
Conc: 43.59 ng/ml



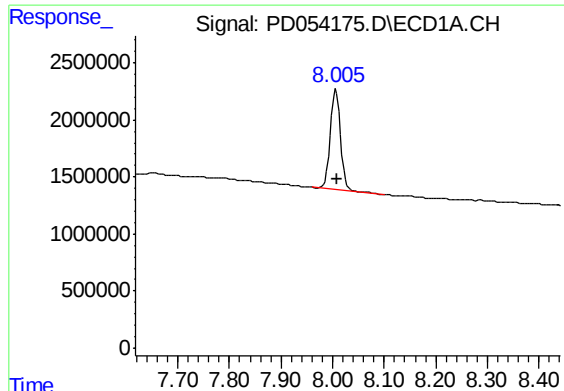
#22 Mirex

R.T.: 7.128 min
Delta R.T.: -0.002 min
Response: 32659599
Conc: 50.20 ng/ml



#22 Mirex

R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 43874395
Conc: 47.60 ng/ml



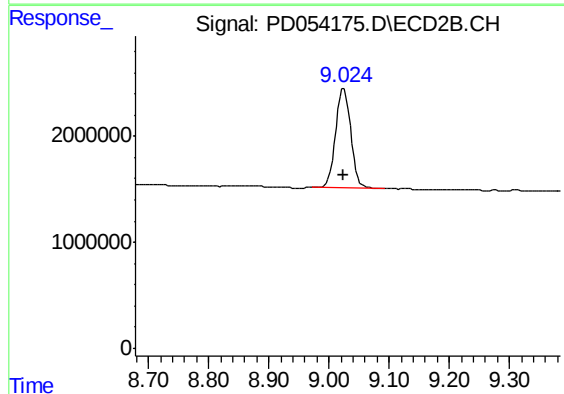
#28 Decachlorobiphenyl

R.T.: 8.006 min
Delta R.T.: -0.002 min
Response: 12304204
Conc: 18.28 ng/ml

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

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 16629680
Conc: 17.94 ng/ml