

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082019\
 Data File : PD054330.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Aug 2019 9:51
 Operator : SG\AJ
 Sample : K4350-09MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SS-18_081519MS

Manual Integrations
 APPROVED

Ankita
 8/22/2019 11:20:09 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 16:23:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081519.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 16 08:45:34 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...	3.312	3.982	13712544	20602324	22.811	24.406
2)	SA Decachlor...	8.006	9.023	13691449	18560248	21.349	21.374
Target Compounds							
2)	A alpha-BHC	3.741	4.368	58834551	82156795	65.323	67.651
3)	MA gamma-BHC...	4.018	4.651	58171991	79383879	66.573	66.995
4)	MA Heptachlor	4.306	5.158	54224752	82678972	68.760	70.531
5)	MB Aldrin	4.546	5.463	59476333	83493418	70.517	70.774
6)	B beta-BHC	4.267	4.818	23897434	35608723	62.577	62.168
7)	B delta-BHC	4.464	5.034	46752728	65004384	50.916	50.367
8)	B Heptachlo...	4.985	5.846	53646470	77687573	66.574	66.182
9)	A Endosulfan I	5.317	6.201	50597954	72468826	64.325	64.010
10)	B gamma-Chl...	5.207	6.079	55411254	80569935	64.387	63.736
11)	B alpha-Chl...	5.265	6.151	54560029	79447044	64.050	63.181
12)	B 4,4'-DDE	5.434	6.307	45485788	68305779	65.376	64.355
13)	MA Dieldrin	5.557	6.457	55193498	79470601	64.422	64.729
14)	MA Endrin	5.811	6.674	49127509	62847325	61.261	61.193
15)	B Endosulfa...	6.085	6.880	45949711	66100702	60.138	58.862
16)	A 4,4'-DDD	5.946	6.794	29943178	49438169	65.456	64.052
17)	MA 4,4'-DDT	6.182	7.092	33990504	53466362	67.748	65.711
18)	B Endrin al...	6.253	7.004	36465052	53704008	58.390	58.581
19)	B Endosulfa...	6.465	7.226	41924072	60682706	60.350	60.771
20)	A Methoxychlor	6.732	7.548	13782578	25074858	64.451	63.626
21)	B Endrin ke...	6.949	7.695	49005426	67776584	63.430m	61.053
22)	Mirex	7.127	8.150	38822255	52391955	57.628	57.751

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082019\
Data File : PD054330.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 20 Aug 2019 9:51
Operator : SG\AJ
Sample : K4350-09MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

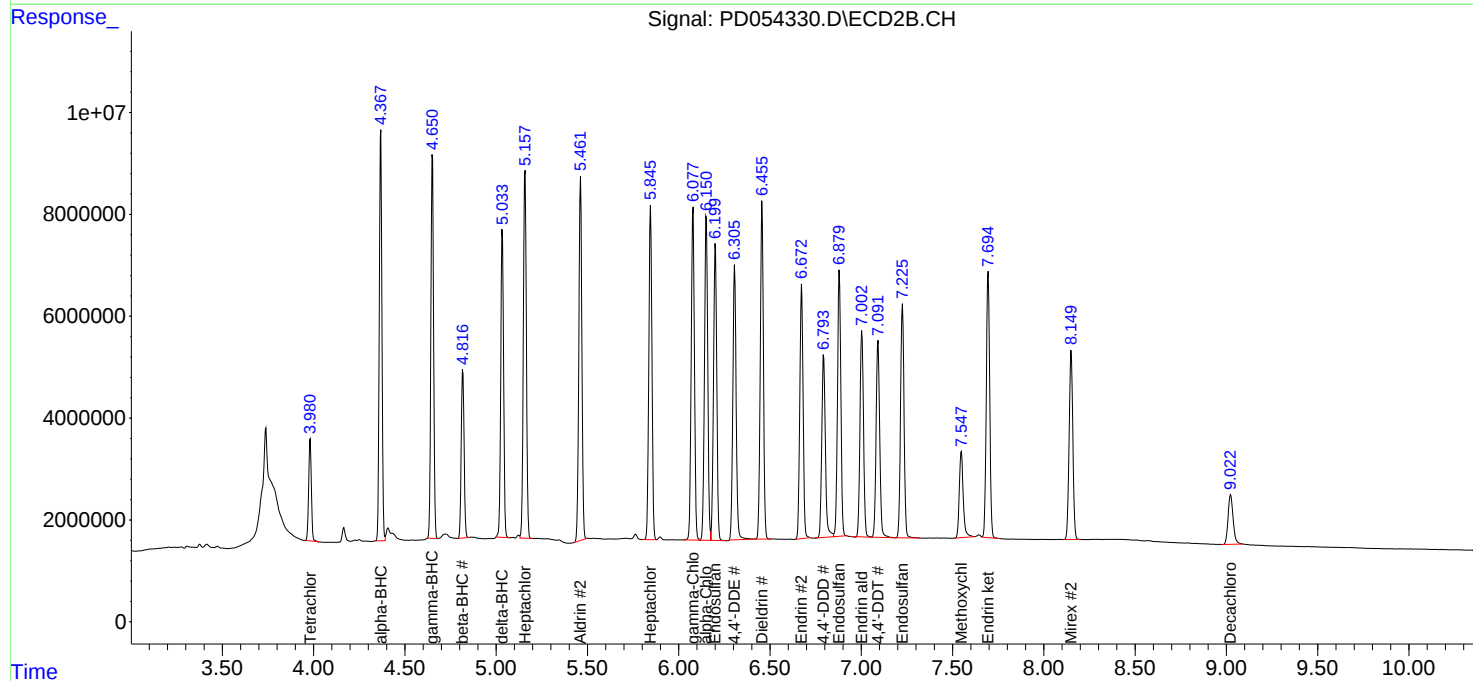
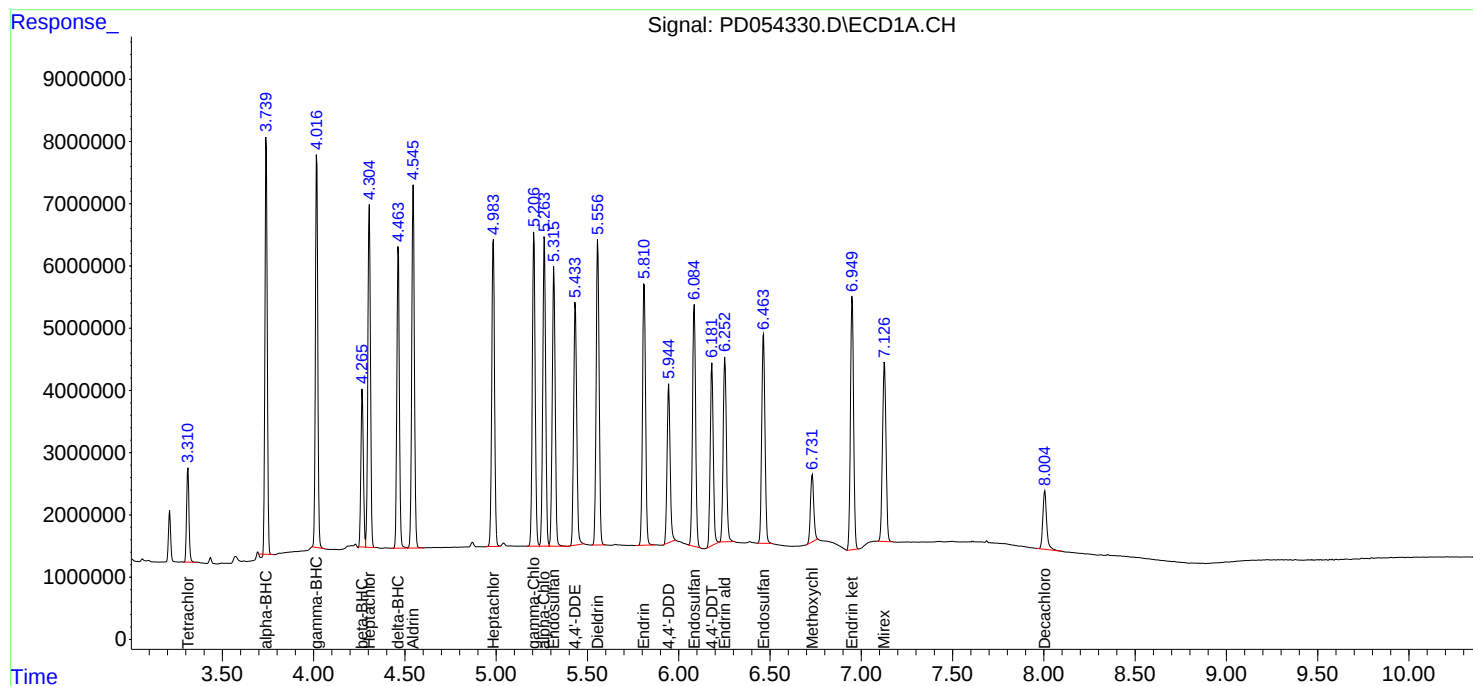
Instrument :
ECD_D
ClientSampled :
SS-18_081519MS

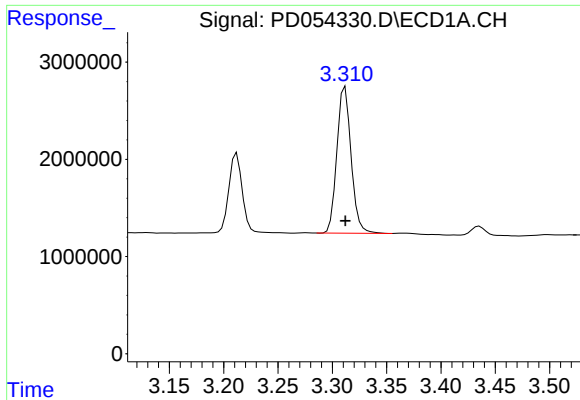
Manual Integrations
APPROVED

Ankita
8/22/2019 11:20:09 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 16:23:19 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081519.M
Quant Title : GC Extractables
QLast Update : Fri Aug 16 08:45:34 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





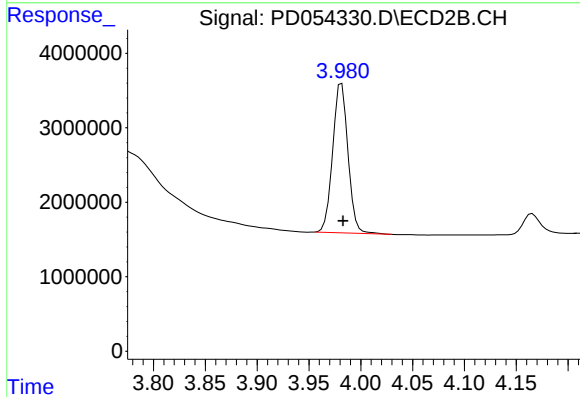
#1 Tetrachloro-m-xylene

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 13712544
Conc: 22.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MS

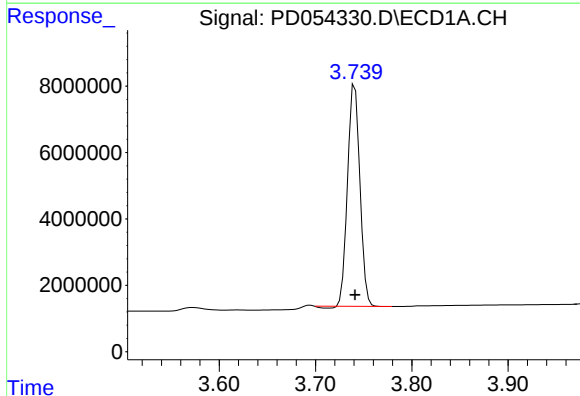
Manual Integrations
APPROVED

Ankita
8/22/2019 11:20:09 AM



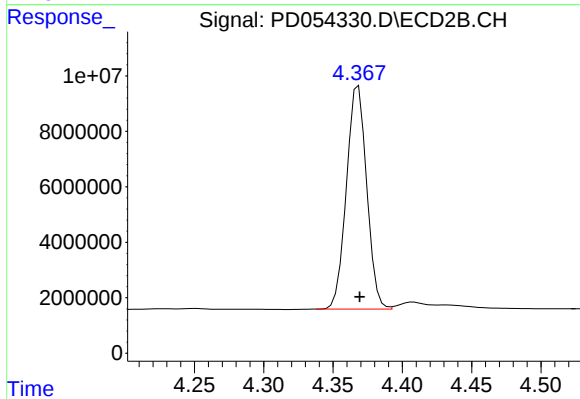
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: -0.001 min
Response: 20602324
Conc: 24.41 ng/ml



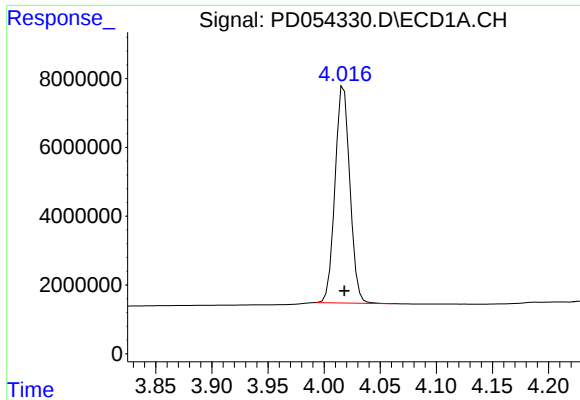
#2 alpha-BHC

R.T.: 3.741 min
Delta R.T.: 0.000 min
Response: 58834551
Conc: 65.32 ng/ml



#2 alpha-BHC

R.T.: 4.368 min
Delta R.T.: -0.001 min
Response: 82156795
Conc: 67.65 ng/ml



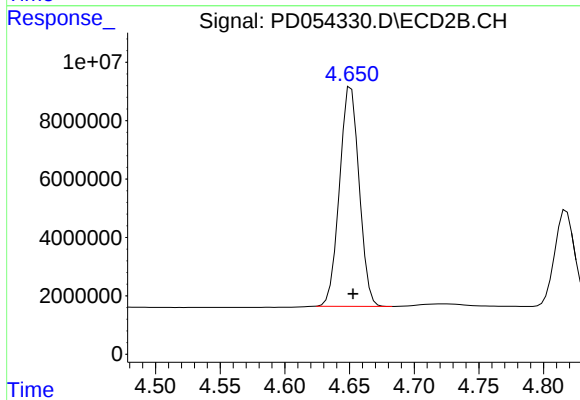
#3 gamma-BHC (Lindane)

R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 58171991
Conc: 66.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MS

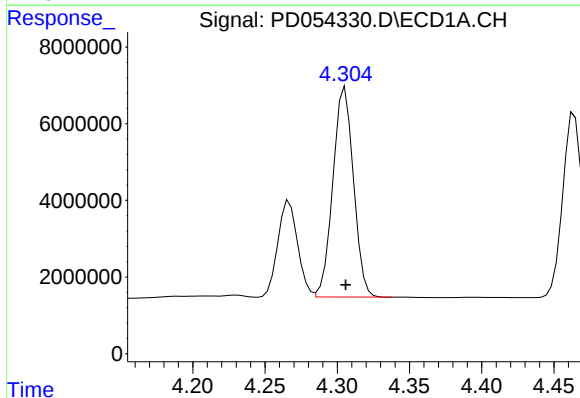
Manual Integrations
APPROVED

Ankita
8/22/2019 11:20:09 AM



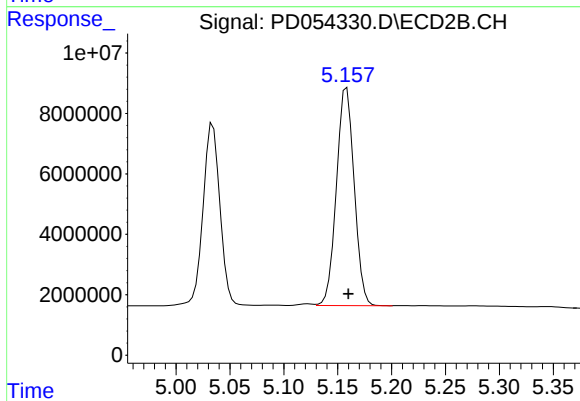
#3 gamma-BHC (Lindane)

R.T.: 4.651 min
Delta R.T.: -0.001 min
Response: 79383879
Conc: 67.00 ng/ml



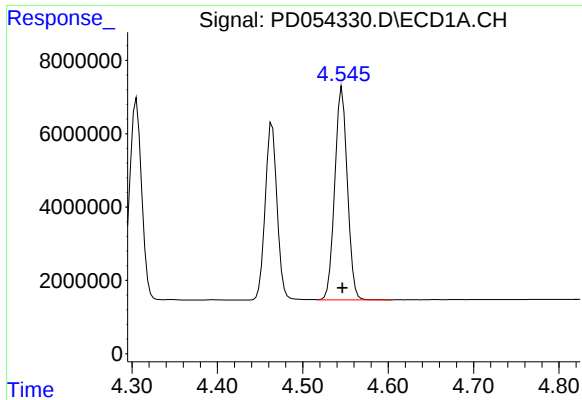
#4 Heptachlor

R.T.: 4.306 min
Delta R.T.: 0.000 min
Response: 54224752
Conc: 68.76 ng/ml



#4 Heptachlor

R.T.: 5.158 min
Delta R.T.: -0.002 min
Response: 82678972
Conc: 70.53 ng/ml



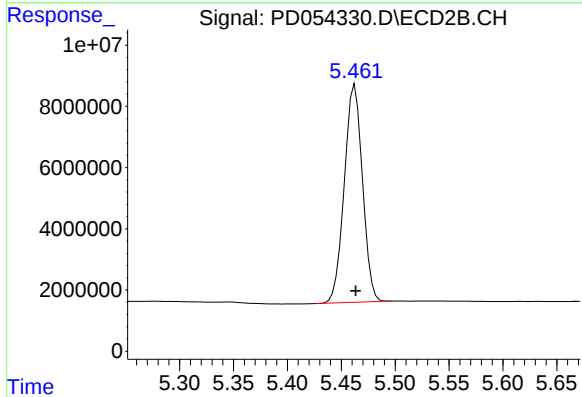
#5 Aldrin

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 59476333
Conc: 70.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MS

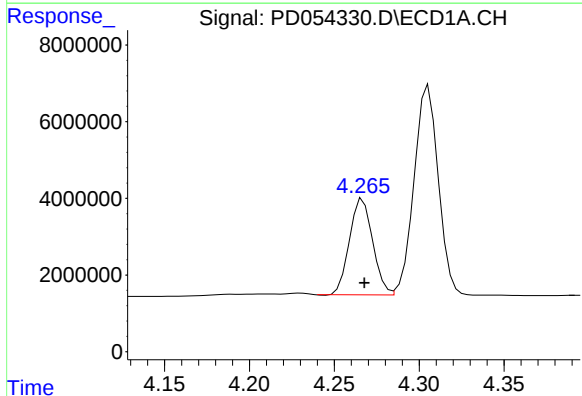
Manual Integrations
APPROVED

Ankita
8/22/2019 11:20:09 AM



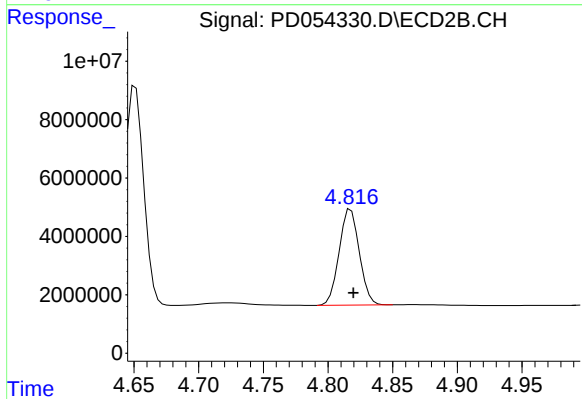
#5 Aldrin

R.T.: 5.463 min
Delta R.T.: 0.000 min
Response: 83493418
Conc: 70.77 ng/ml



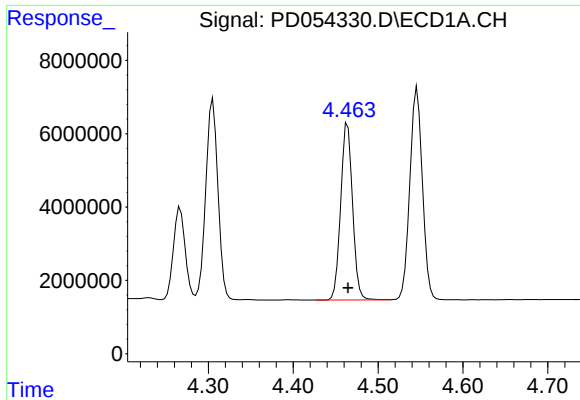
#6 beta-BHC

R.T.: 4.267 min
Delta R.T.: 0.000 min
Response: 23897434
Conc: 62.58 ng/ml



#6 beta-BHC

R.T.: 4.818 min
Delta R.T.: -0.002 min
Response: 35608723
Conc: 62.17 ng/ml



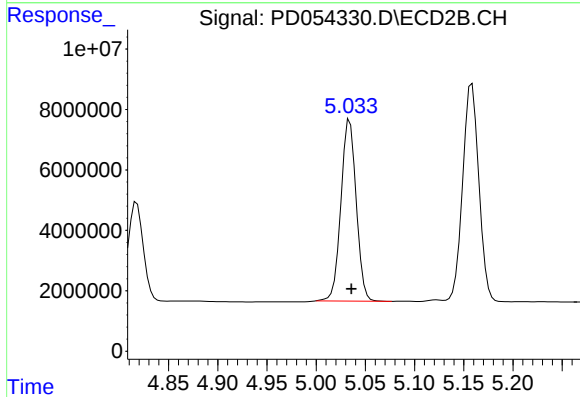
#7 delta-BHC

R.T.: 4.464 min
Delta R.T.: 0.000 min
Response: 46752728
Conc: 50.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MS

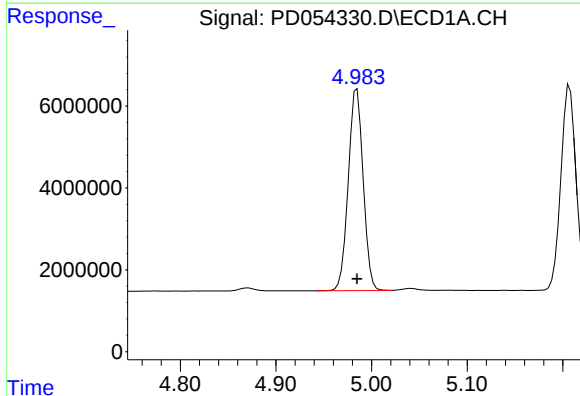
Manual Integrations
APPROVED

Ankita
8/22/2019 11:20:09 AM



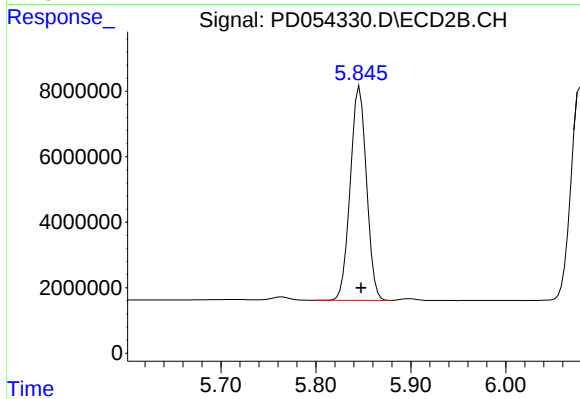
#7 delta-BHC

R.T.: 5.034 min
Delta R.T.: -0.002 min
Response: 65004384
Conc: 50.37 ng/ml



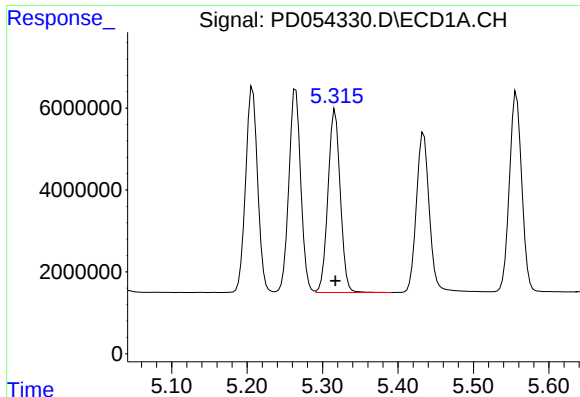
#8 Heptachlor epoxide

R.T.: 4.985 min
Delta R.T.: 0.000 min
Response: 53646470
Conc: 66.57 ng/ml



#8 Heptachlor epoxide

R.T.: 5.846 min
Delta R.T.: -0.001 min
Response: 77687573
Conc: 66.18 ng/ml



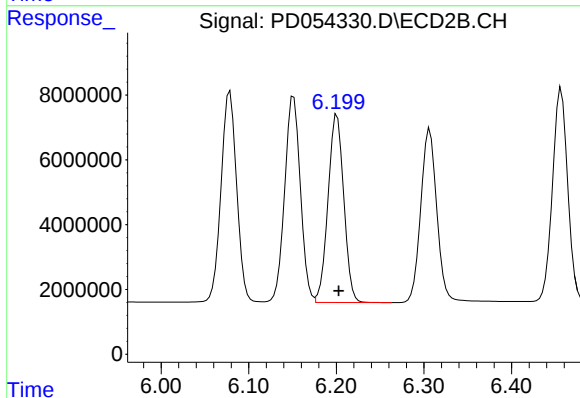
#9 Endosulfan I

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 50597954
Conc: 64.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MS

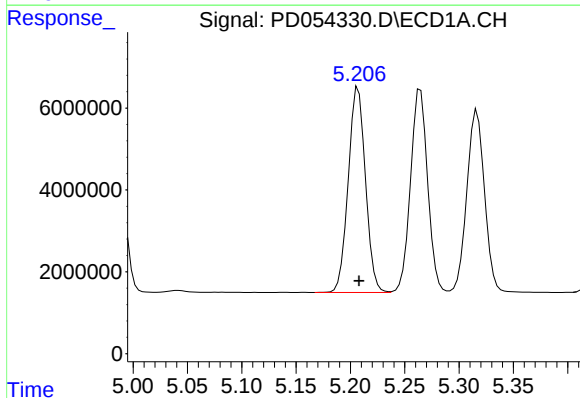
Manual Integrations
APPROVED

Ankita
8/22/2019 11:20:09 AM



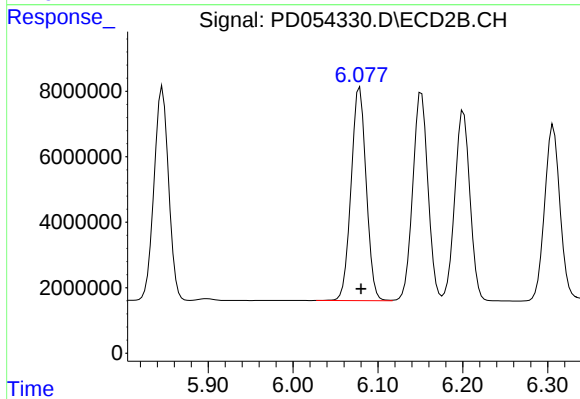
#9 Endosulfan I

R.T.: 6.201 min
Delta R.T.: -0.002 min
Response: 72468826
Conc: 64.01 ng/ml



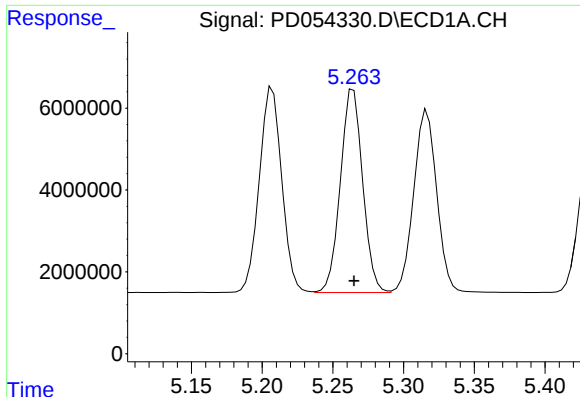
#10 gamma-Chlordane

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 55411254
Conc: 64.39 ng/ml



#10 gamma-Chlordane

R.T.: 6.079 min
Delta R.T.: -0.001 min
Response: 80569935
Conc: 63.74 ng/ml



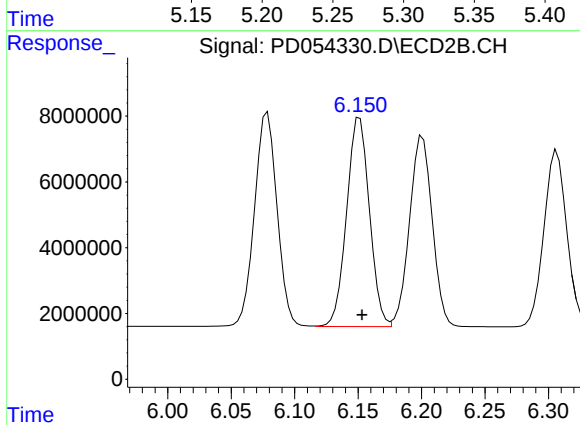
#11 alpha-Chlordane

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 54560029
Conc: 64.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MS

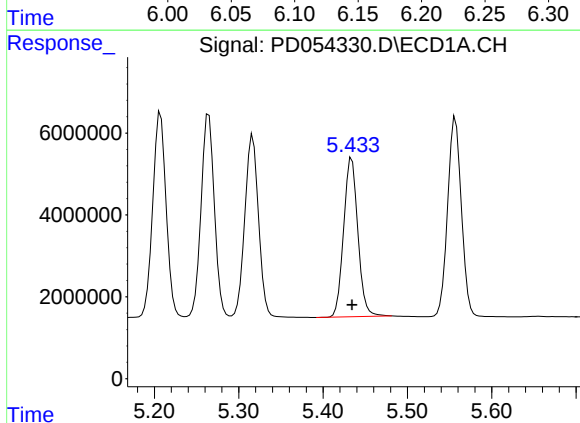
Manual Integrations
APPROVED

Ankita
8/22/2019 11:20:09 AM



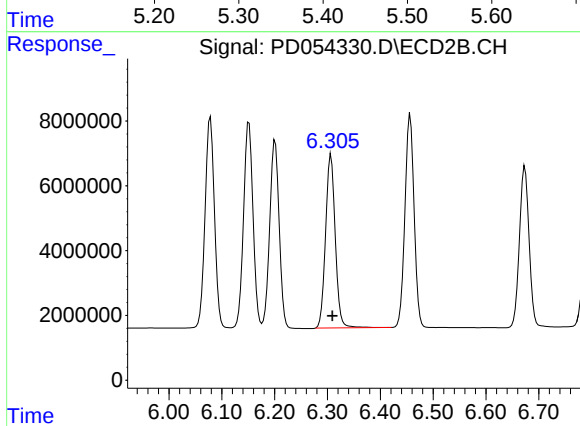
#11 alpha-Chlordane

R.T.: 6.151 min
Delta R.T.: -0.002 min
Response: 79447044
Conc: 63.18 ng/ml



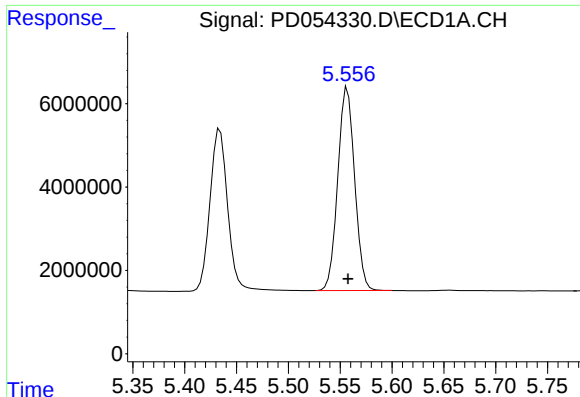
#12 4,4'-DDE

R.T.: 5.434 min
Delta R.T.: 0.000 min
Response: 45485788
Conc: 65.38 ng/ml



#12 4,4'-DDE

R.T.: 6.307 min
Delta R.T.: -0.002 min
Response: 68305779
Conc: 64.36 ng/ml



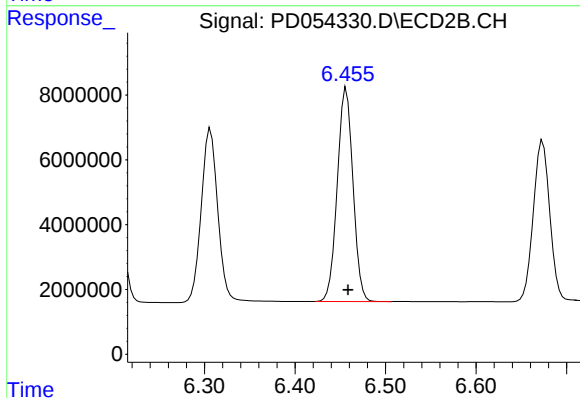
#13 Dieldrin

R.T.: 5.557 min
Delta R.T.: 0.000 min
Response: 55193498
Conc: 64.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MS

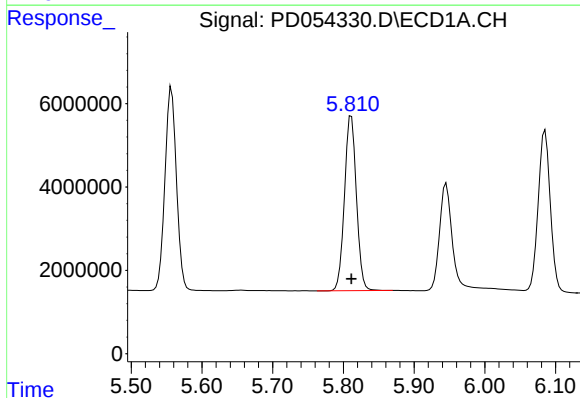
Manual Integrations
APPROVED

Ankita
8/22/2019 11:20:09 AM



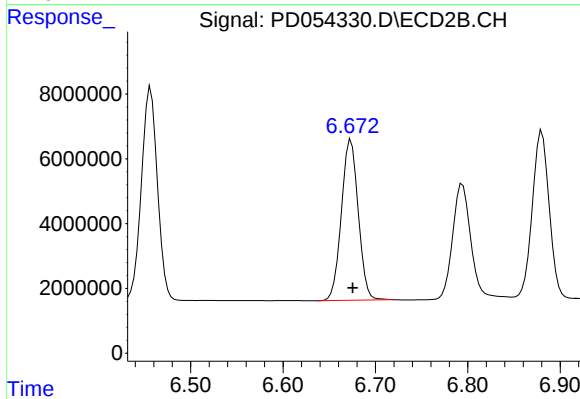
#13 Dieldrin

R.T.: 6.457 min
Delta R.T.: -0.002 min
Response: 79470601
Conc: 64.73 ng/ml



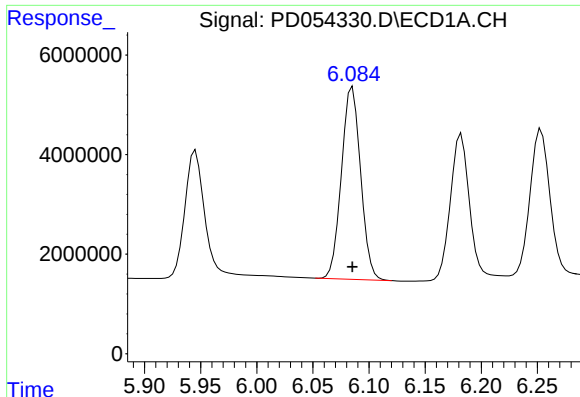
#14 Endrin

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 49127509
Conc: 61.26 ng/ml



#14 Endrin

R.T.: 6.674 min
Delta R.T.: -0.002 min
Response: 62847325
Conc: 61.19 ng/ml



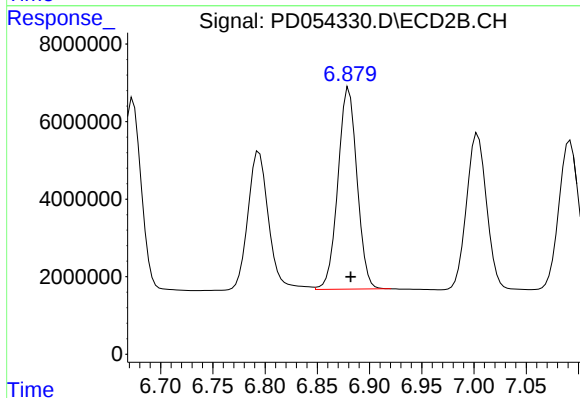
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 45949711
Conc: 60.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MS

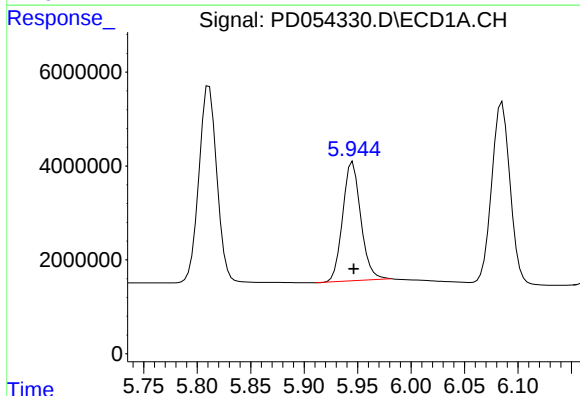
Manual Integrations
APPROVED

Ankita
8/22/2019 11:20:09 AM



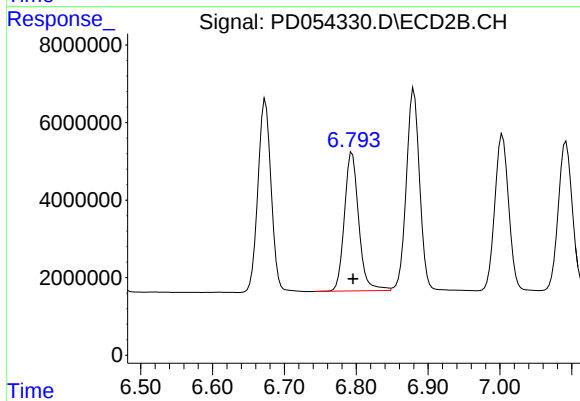
#15 Endosulfan II

R.T.: 6.880 min
Delta R.T.: -0.002 min
Response: 66100702
Conc: 58.86 ng/ml



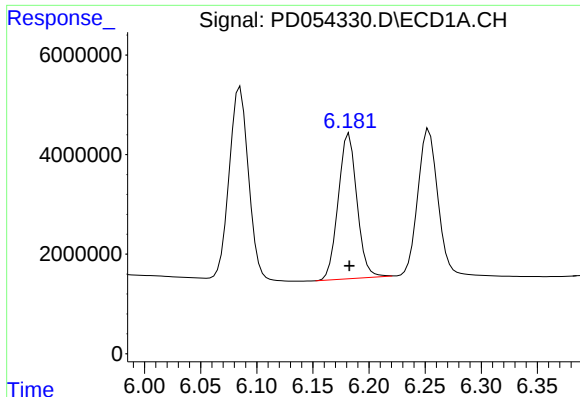
#16 4,4'-DDD

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 29943178
Conc: 65.46 ng/ml



#16 4,4'-DDD

R.T.: 6.794 min
Delta R.T.: -0.001 min
Response: 49438169
Conc: 64.05 ng/ml



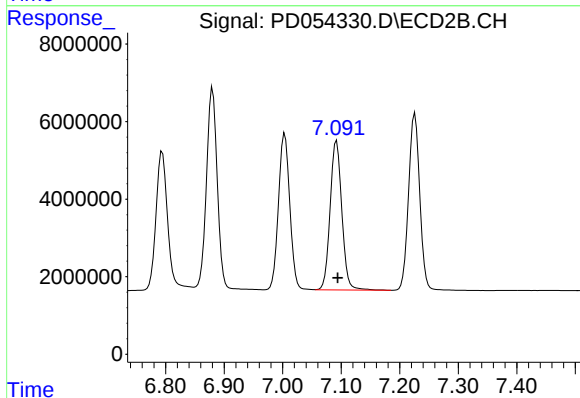
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: 0.000 min
Response: 33990504
Conc: 67.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MS

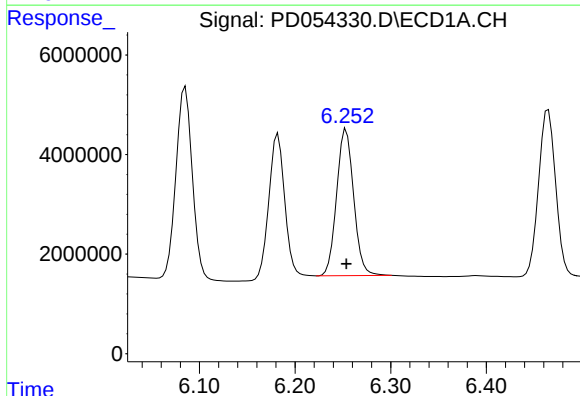
Manual Integrations
APPROVED

Ankita
8/22/2019 11:20:09 AM



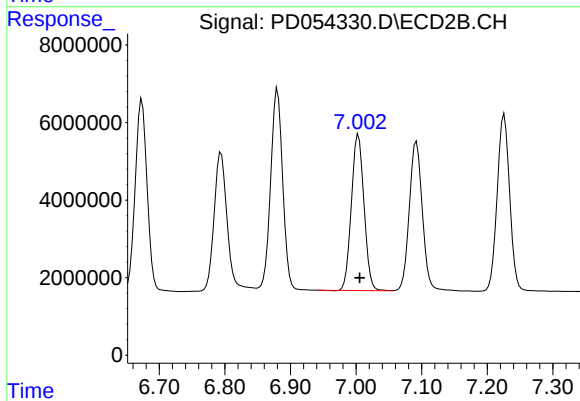
#17 4,4'-DDT

R.T.: 7.092 min
Delta R.T.: -0.002 min
Response: 53466362
Conc: 65.71 ng/ml



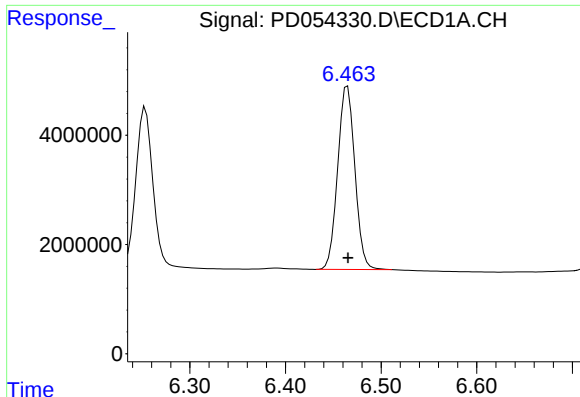
#18 Endrin aldehyde

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 36465052
Conc: 58.39 ng/ml



#18 Endrin aldehyde

R.T.: 7.004 min
Delta R.T.: -0.002 min
Response: 53704008
Conc: 58.58 ng/ml



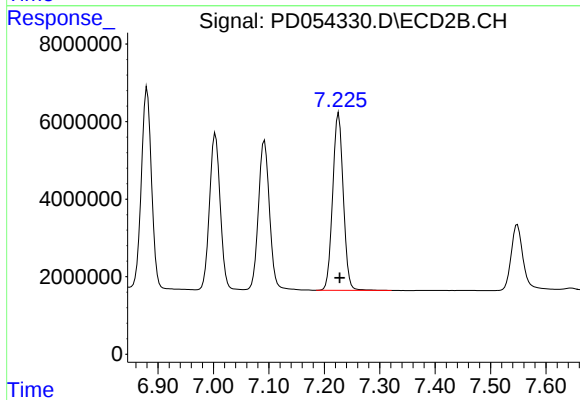
#19 Endosulfan Sulfate

R.T.: 6.465 min
Delta R.T.: 0.000 min
Response: 41924072
Conc: 60.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MS

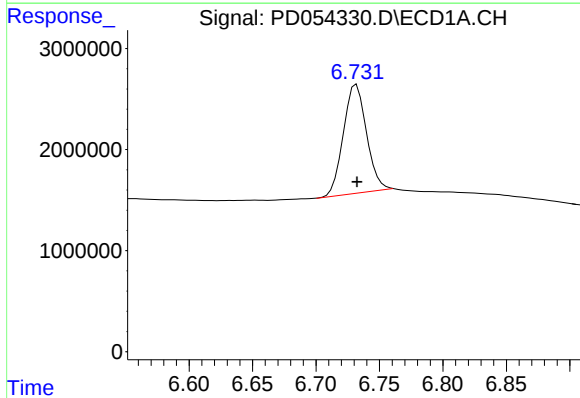
Manual Integrations
APPROVED

Ankita
8/22/2019 11:20:09 AM



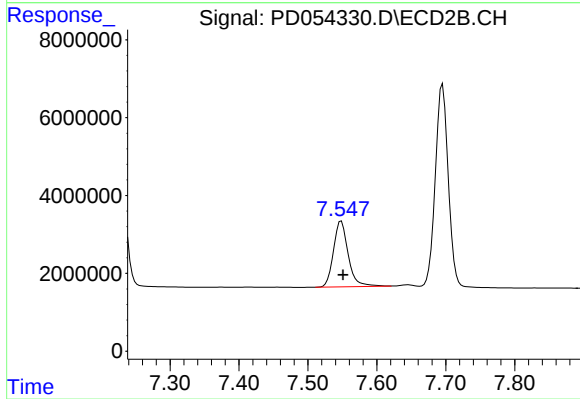
#19 Endosulfan Sulfate

R.T.: 7.226 min
Delta R.T.: -0.002 min
Response: 60682706
Conc: 60.77 ng/ml



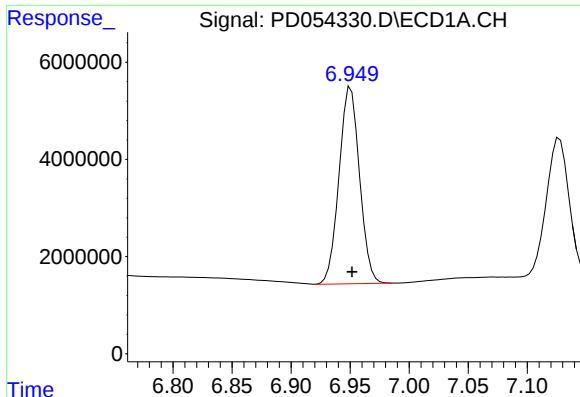
#20 Methoxychlor

R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 13782578
Conc: 64.45 ng/ml



#20 Methoxychlor

R.T.: 7.548 min
Delta R.T.: -0.002 min
Response: 25074858
Conc: 63.63 ng/ml



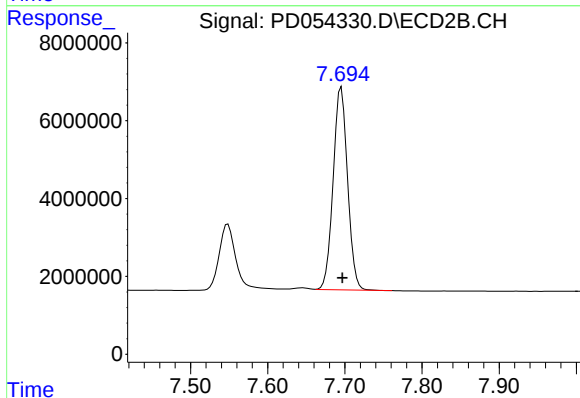
#21 Endrin ketone

R.T.: 6.949 min
Delta R.T.: -0.002 min
Response: 49005426
Conc: 63.43 ng/ml m

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MS

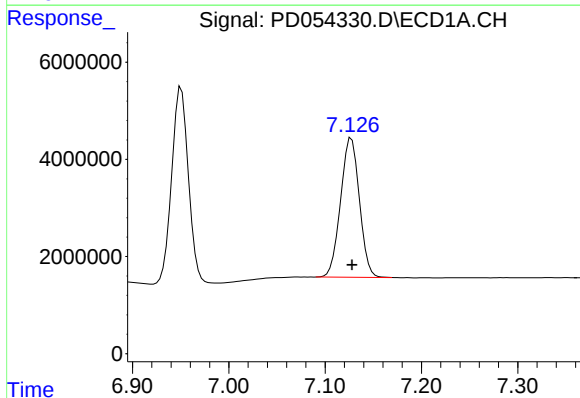
Manual Integrations
APPROVED

Ankita
8/22/2019 11:20:09 AM



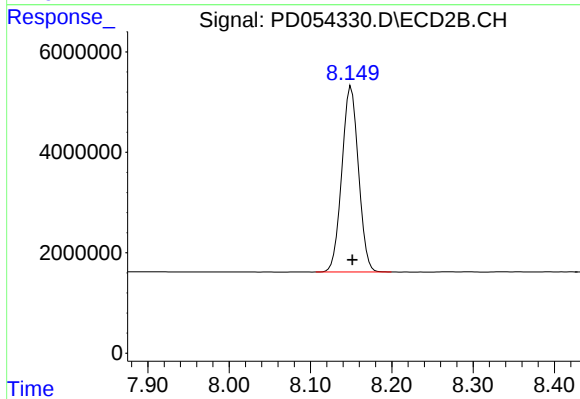
#21 Endrin ketone

R.T.: 7.695 min
Delta R.T.: -0.002 min
Response: 67776584
Conc: 61.05 ng/ml



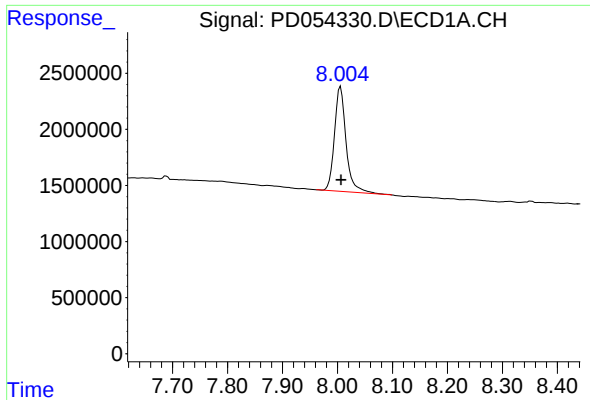
#22 Mirex

R.T.: 7.127 min
Delta R.T.: 0.000 min
Response: 38822255
Conc: 57.63 ng/ml



#22 Mirex

R.T.: 8.150 min
Delta R.T.: -0.001 min
Response: 52391955
Conc: 57.75 ng/ml



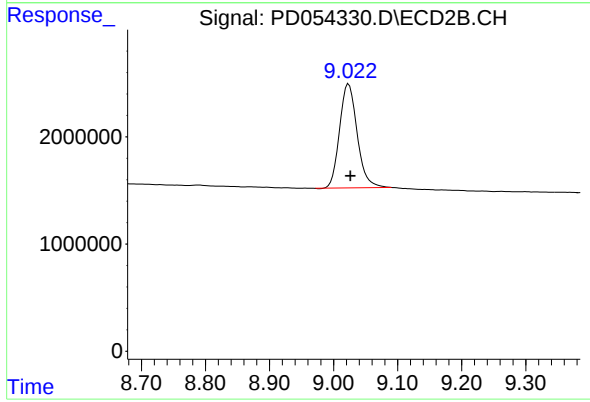
#28 Decachlorobiphenyl

R.T.: 8.006 min
Delta R.T.: 0.000 min
Response: 13691449
Conc: 21.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
SS-18_081519MS

Manual Integrations
APPROVED

Ankita
8/22/2019 11:20:09 AM



#28 Decachlorobiphenyl

R.T.: 9.023 min
Delta R.T.: -0.003 min
Response: 18560248
Conc: 21.37 ng/ml