

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042219\
 Data File : PD052994.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Apr 2019 9:31
 Operator : AJ\SJ
 Sample : PB119064BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB119064BS

Manual Integrations
 APPROVED

Sohil
 4/23/2019 12:10:24 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 03:27:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 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...	3.220	4.040	28436626	663.3E6	20.378	22.886
2)	SA Decachlor...	7.815	9.159	28109513	365.0E6	21.091	23.471
Target Compounds							
2)	A alpha-BHC	3.639	4.433	119.8E6	2188.4E6	52.720	48.620
3)	MA gamma-BHC...	3.908	4.720	112.3E6	1991.2E6	51.374	49.497
4)	MA Heptachlor	4.184	5.233	119.0E6	1968.5E6	56.066	49.615
5)	MB Aldrin	4.416	5.540	115.7E6	1874.0E6	57.485	50.611
6)	B beta-BHC	4.154	4.890	46468028	876.5E6	52.648	48.441m
7)	B delta-BHC	4.342	5.109	81031816	1308.7E6	39.728	39.770m
8)	B Heptachlo...	4.843	5.929	104.4E6	1581.5E6	54.907	48.996
9)	A Endosulfan I	5.164	6.288	96381851	1459.8E6	53.931	49.969
10)	B gamma-Chl...	5.060	6.164	106.6E6	1649.0E6	54.667	51.540
11)	B alpha-Chl...	5.116	6.237	105.1E6	1577.9E6	54.440	50.268
12)	B 4,4'-DDE	5.286	6.394	99392998	1546.1E6	53.301	50.645
13)	MA Dieldrin	5.400	6.547	104.3E6	1538.4E6	53.924	51.431
14)	MA Endrin	5.647	6.766	88994750	1209.2E6	48.332	48.256
15)	B Endosulfa...	5.917	6.976	87384096	1230.1E6	50.910	49.365
16)	A 4,4'-DDD	5.787	6.887	79164145	1206.0E6	51.795	50.425
17)	MA 4,4'-DDT	6.018	7.188	69987833	943.0E6	48.650	50.604
18)	B Endrin al...	6.084	7.101	71996974	1034.8E6	50.220	50.271
19)	B Endosulfa...	6.292	7.326	76652758	1116.8E6	49.988	50.766
20)	A Methoxychlor	6.564	7.648	40378401	522.5E6	47.795	52.236
21)	B Endrin ke...	6.767	7.800	95377605	1122.7E6	52.440	54.796
22)	Mirex	6.935	8.258	70026523	757.6E6	57.162	58.747

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042219\
Data File : PD052994.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Apr 2019 9:31
Operator : AJ\SJ
Sample : PB119064BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

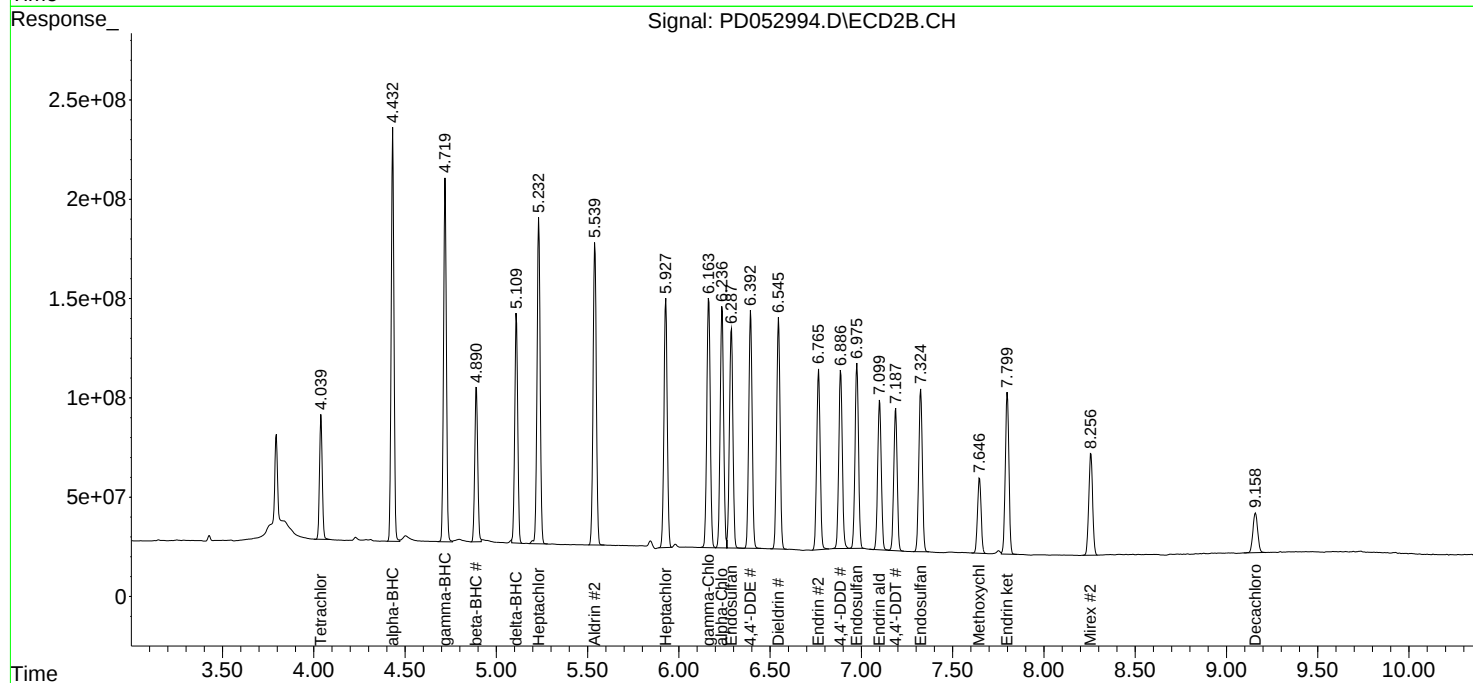
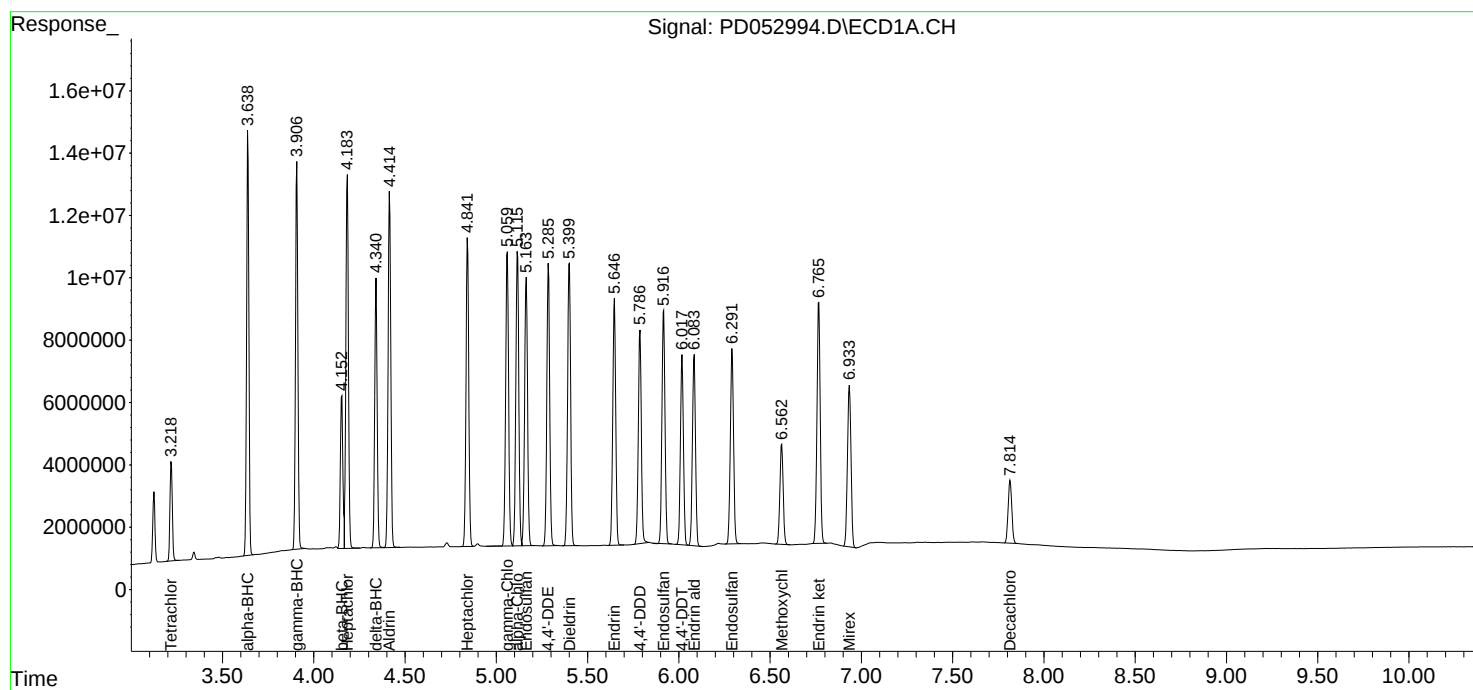
Instrument :
ECD_D
ClientSampled :
PB119064BS

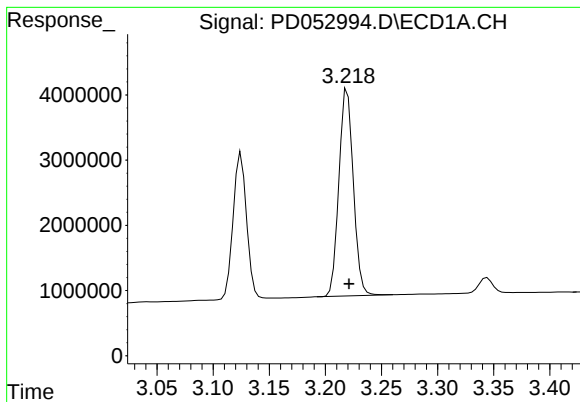
Manual Integrations
APPROVED

Sohil
4/23/2019 12:10:24 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 03:27:29 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 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





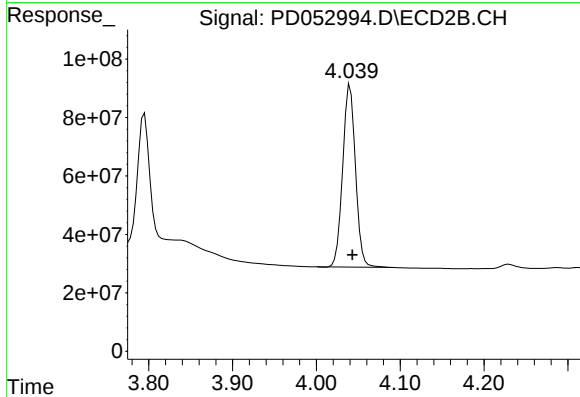
#1 Tetrachloro-m-xylene

R.T.: 3.220 min
Delta R.T.: -0.001 min
Response: 28436626
Conc: 20.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB119064BS

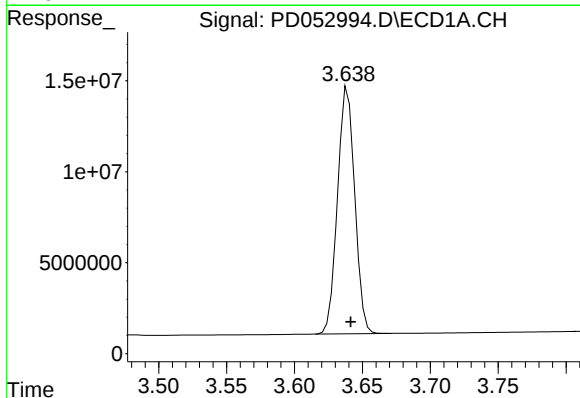
Manual Integrations
APPROVED

Sohil
4/23/2019 12:10:24 PM



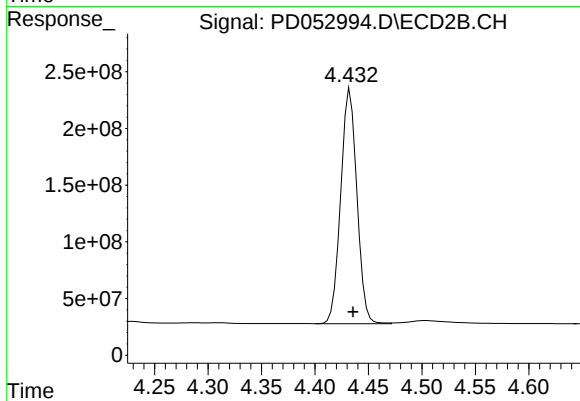
#1 Tetrachloro-m-xylene

R.T.: 4.040 min
Delta R.T.: -0.003 min
Response: 663334147
Conc: 22.89 ng/ml



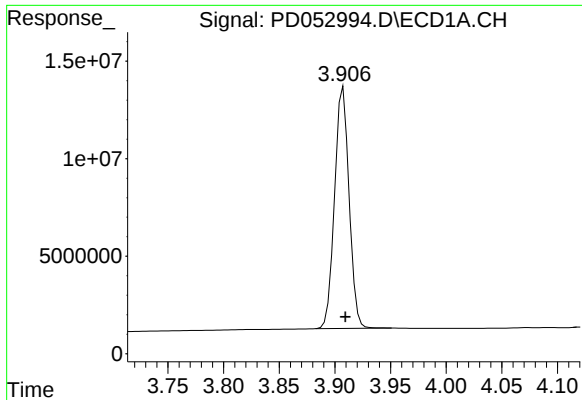
#2 alpha-BHC

R.T.: 3.639 min
Delta R.T.: -0.002 min
Response: 119842926
Conc: 52.72 ng/ml



#2 alpha-BHC

R.T.: 4.433 min
Delta R.T.: -0.003 min
Response: 2188367172
Conc: 48.62 ng/ml



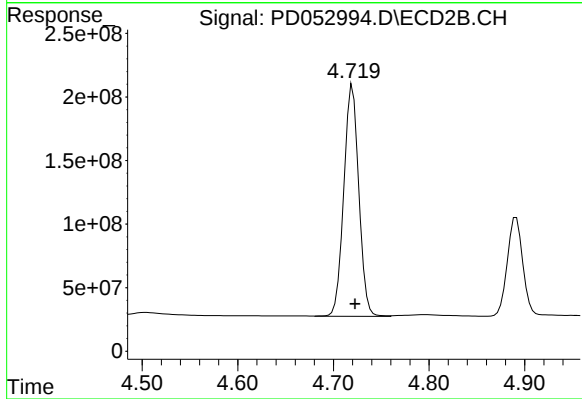
#3 gamma-BHC (Lindane)

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 112331460
Conc: 51.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB119064BS

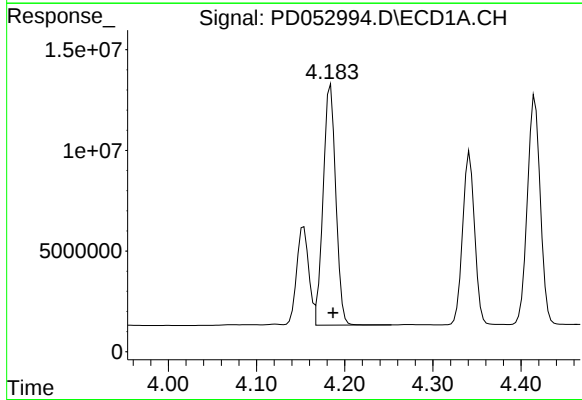
Manual Integrations
APPROVED

Sohil
4/23/2019 12:10:24 PM



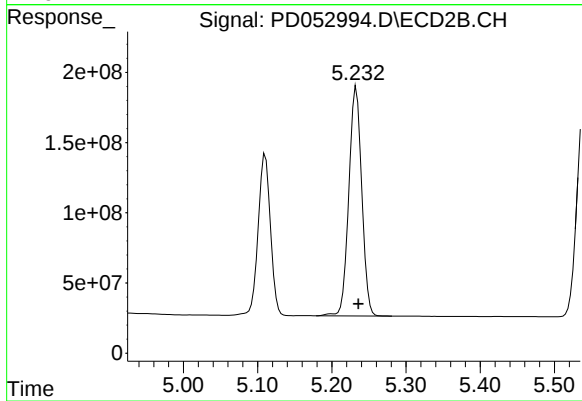
#3 gamma-BHC (Lindane)

R.T.: 4.720 min
Delta R.T.: -0.003 min
Response: 1991212826
Conc: 49.50 ng/ml



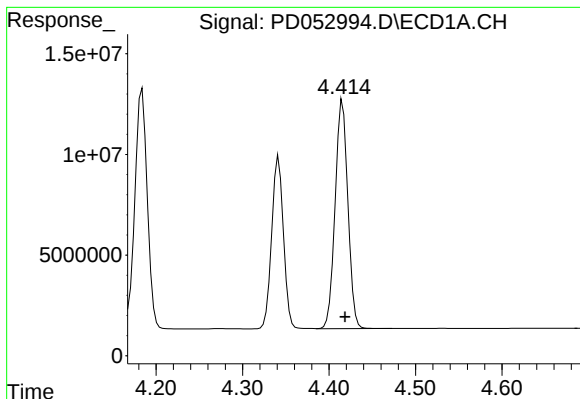
#4 Heptachlor

R.T.: 4.184 min
Delta R.T.: -0.003 min
Response: 119038079
Conc: 56.07 ng/ml



#4 Heptachlor

R.T.: 5.233 min
Delta R.T.: -0.003 min
Response: 1968451315
Conc: 49.61 ng/ml



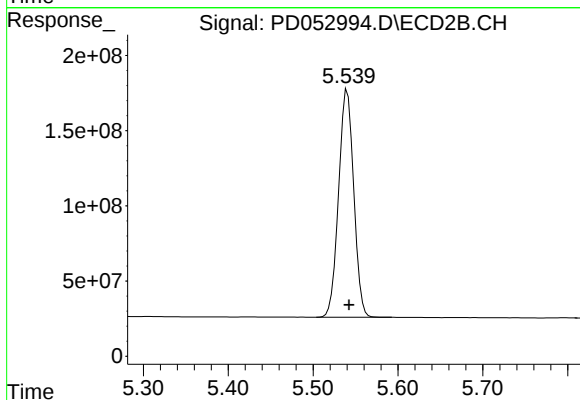
#5 Aldrin

R.T.: 4.416 min
Delta R.T.: -0.003 min
Response: 115746332
Conc: 57.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB119064BS

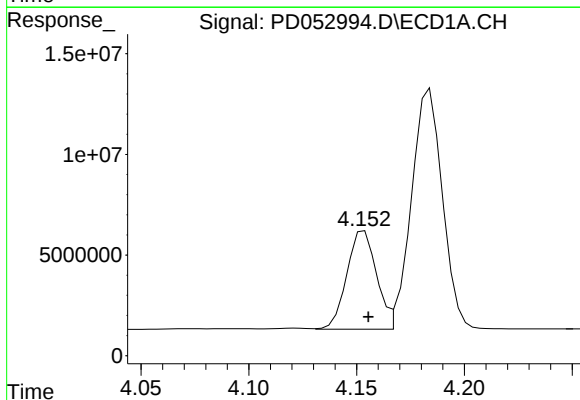
Manual Integrations
APPROVED

Sohil
4/23/2019 12:10:24 PM



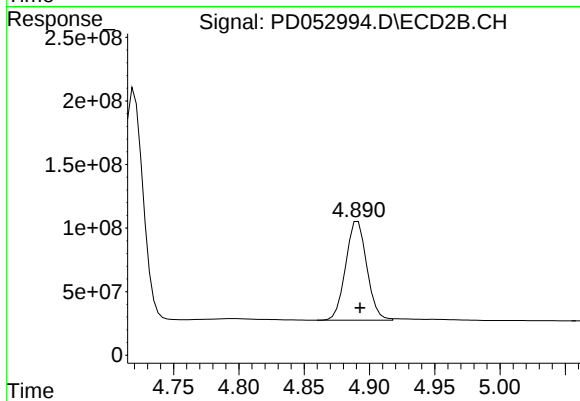
#5 Aldrin

R.T.: 5.540 min
Delta R.T.: -0.002 min
Response: 1873995541
Conc: 50.61 ng/ml



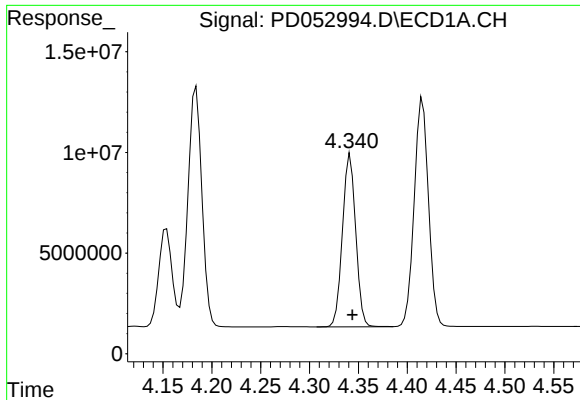
#6 beta-BHC

R.T.: 4.154 min
Delta R.T.: -0.002 min
Response: 46468028
Conc: 52.65 ng/ml



#6 beta-BHC

R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 876526736
Conc: 48.44 ng/ml m



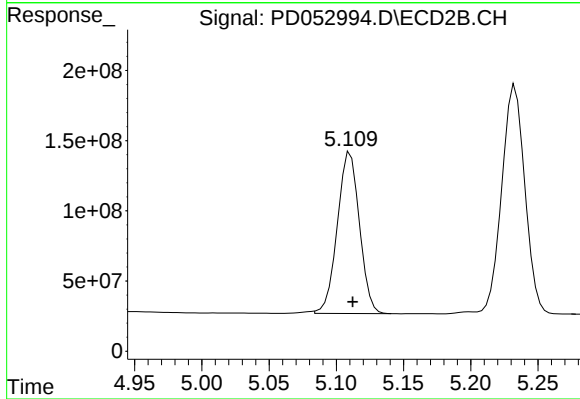
#7 delta-BHC

R.T.: 4.342 min
Delta R.T.: -0.002 min
Response: 81031816
Conc: 39.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB119064BS

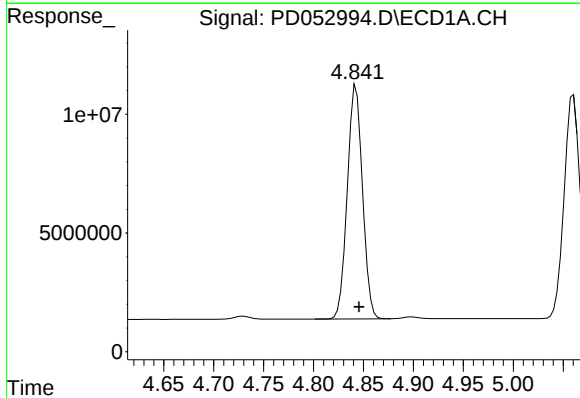
Manual Integrations
APPROVED

Sohil
4/23/2019 12:10:24 PM



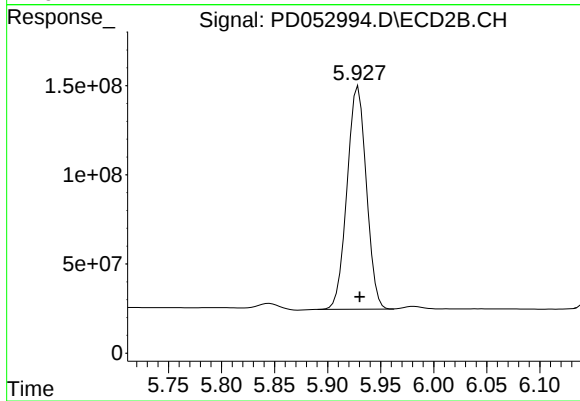
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: -0.003 min
Response: 1308656337
Conc: 39.77 ng/ml m



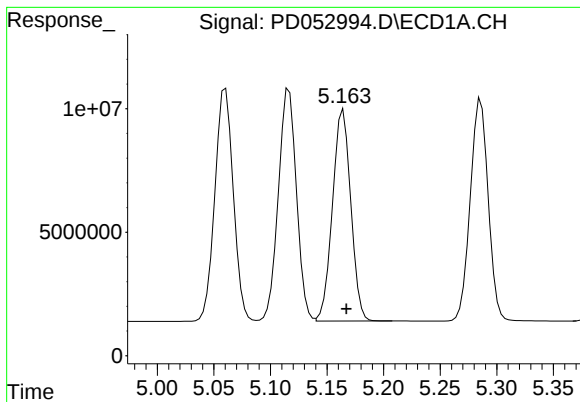
#8 Heptachlor epoxide

R.T.: 4.843 min
Delta R.T.: -0.003 min
Response: 104352051
Conc: 54.91 ng/ml



#8 Heptachlor epoxide

R.T.: 5.929 min
Delta R.T.: -0.001 min
Response: 1581507516
Conc: 49.00 ng/ml



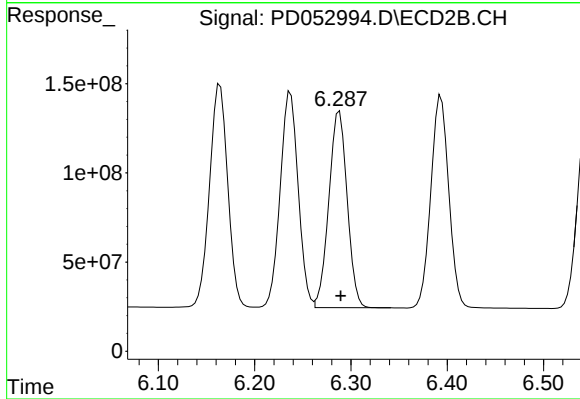
#9 Endosulfan I

R.T.: 5.164 min
Delta R.T.: -0.003 min
Response: 96381851
Conc: 53.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB119064BS

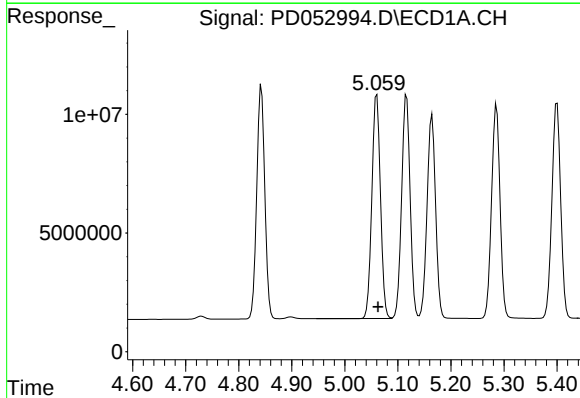
Manual Integrations
APPROVED

Sohil
4/23/2019 12:10:24 PM



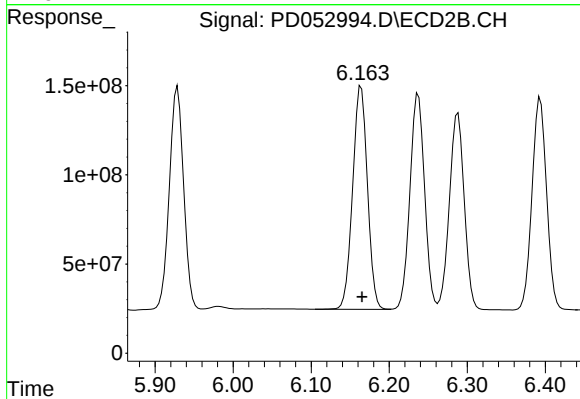
#9 Endosulfan I

R.T.: 6.288 min
Delta R.T.: -0.001 min
Response: 1459780041
Conc: 49.97 ng/ml



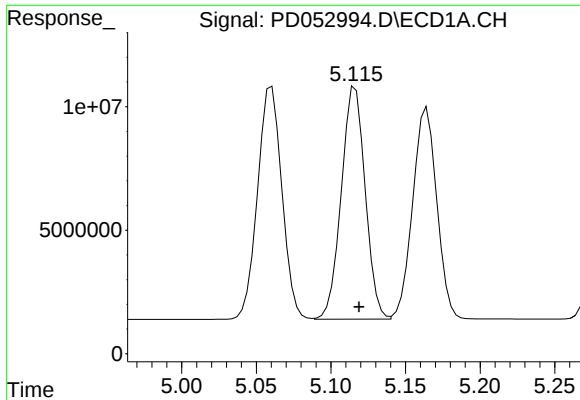
#10 gamma-Chlordane

R.T.: 5.060 min
Delta R.T.: -0.002 min
Response: 106594353
Conc: 54.67 ng/ml



#10 gamma-Chlordane

R.T.: 6.164 min
Delta R.T.: -0.001 min
Response: 1648968532
Conc: 51.54 ng/ml



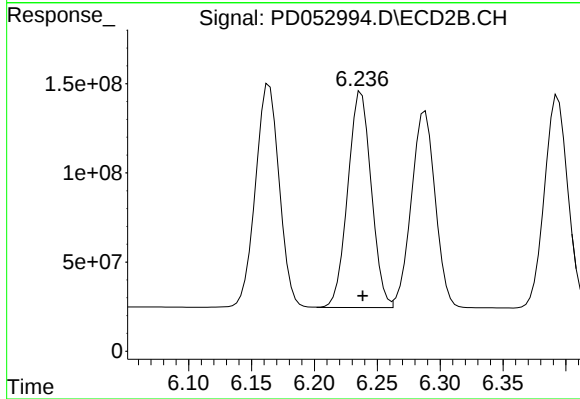
#11 alpha-Chlordane

R.T.: 5.116 min
Delta R.T.: -0.003 min
Response: 105071873
Conc: 54.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB119064BS

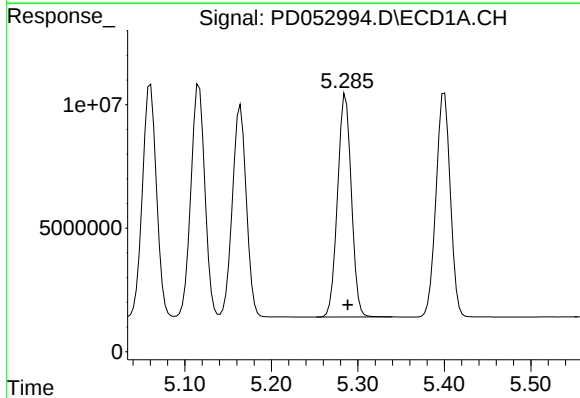
Manual Integrations
APPROVED

Sohil
4/23/2019 12:10:24 PM



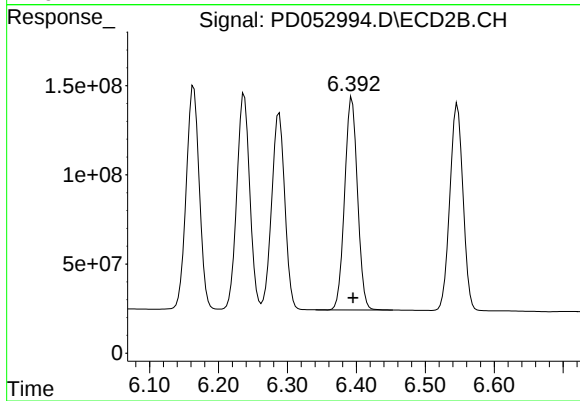
#11 alpha-Chlordane

R.T.: 6.237 min
Delta R.T.: -0.001 min
Response: 1577850929
Conc: 50.27 ng/ml



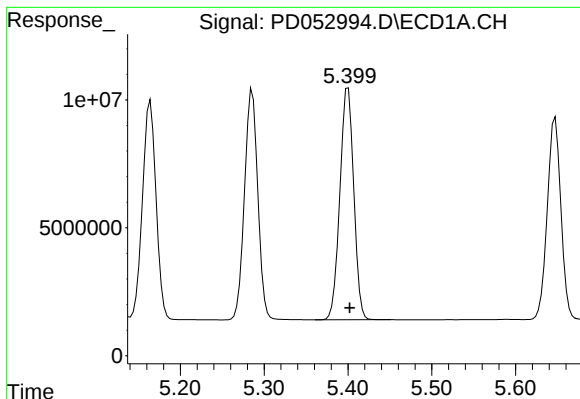
#12 4,4'-DDE

R.T.: 5.286 min
Delta R.T.: -0.002 min
Response: 99392998
Conc: 53.30 ng/ml



#12 4,4'-DDE

R.T.: 6.394 min
Delta R.T.: -0.001 min
Response: 1546144493
Conc: 50.65 ng/ml



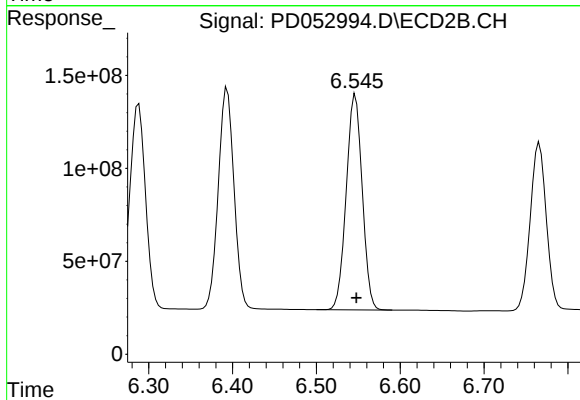
#13 Dieldrin

R.T.: 5.400 min
Delta R.T.: -0.002 min
Response: 104264476
Conc: 53.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB119064BS

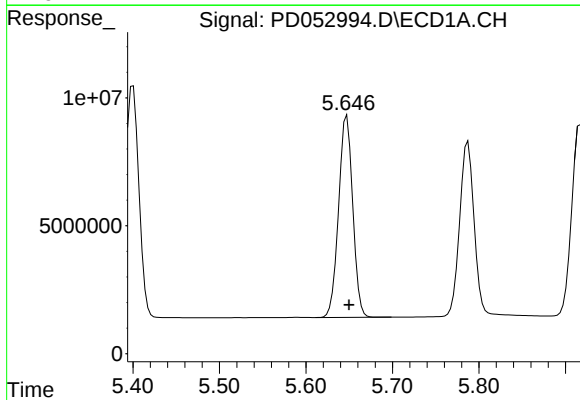
Manual Integrations
APPROVED

Sohil
4/23/2019 12:10:24 PM



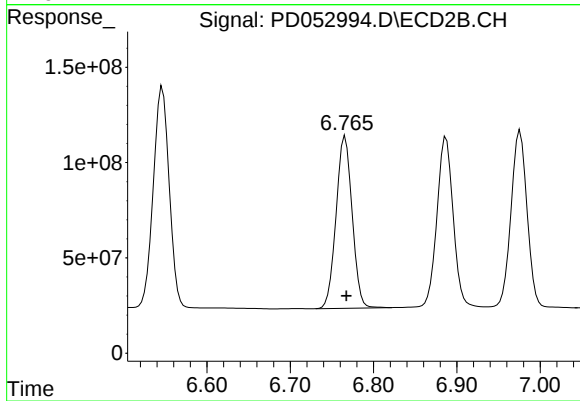
#13 Dieldrin

R.T.: 6.547 min
Delta R.T.: -0.001 min
Response: 1538401650
Conc: 51.43 ng/ml



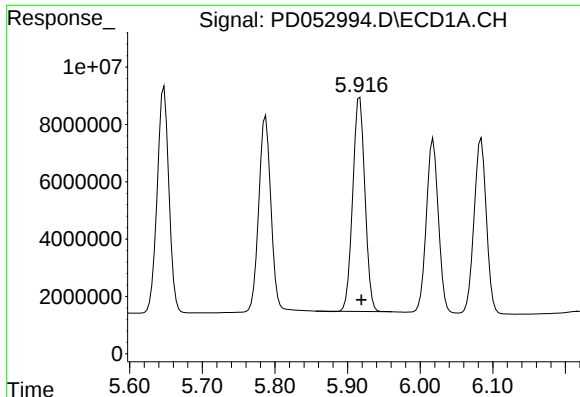
#14 Endrin

R.T.: 5.647 min
Delta R.T.: -0.002 min
Response: 88994750
Conc: 48.33 ng/ml



#14 Endrin

R.T.: 6.766 min
Delta R.T.: -0.001 min
Response: 1209213650
Conc: 48.26 ng/ml



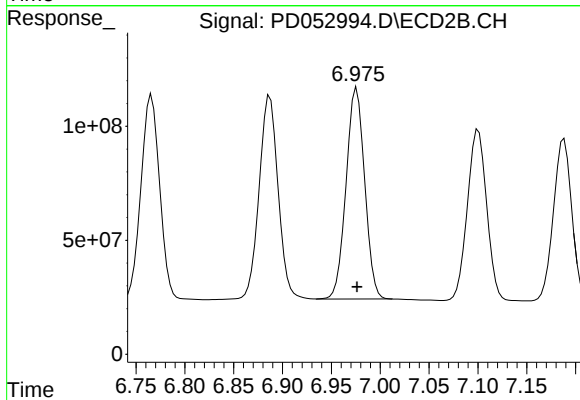
#15 Endosulfan II

R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 87384096
Conc: 50.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB119064BS

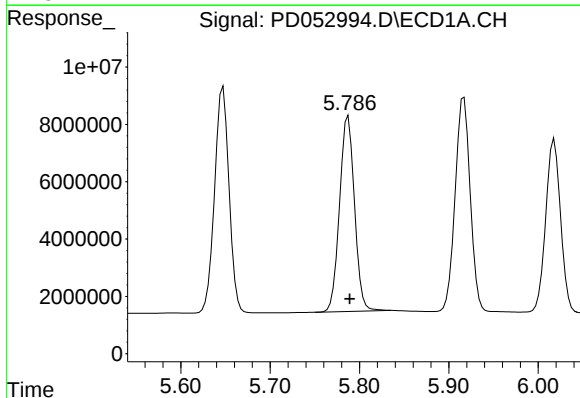
Manual Integrations
APPROVED

Sohil
4/23/2019 12:10:24 PM



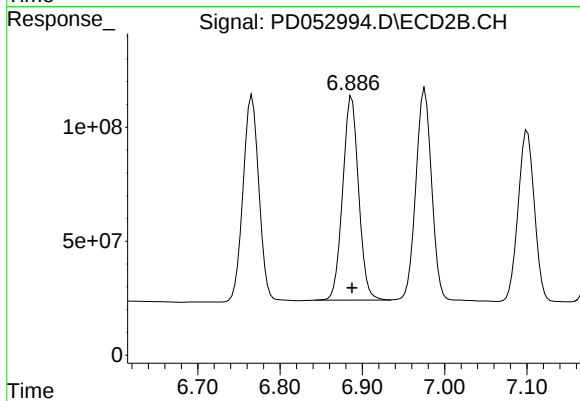
#15 Endosulfan II

R.T.: 6.976 min
Delta R.T.: 0.000 min
Response: 1230055305
Conc: 49.37 ng/ml



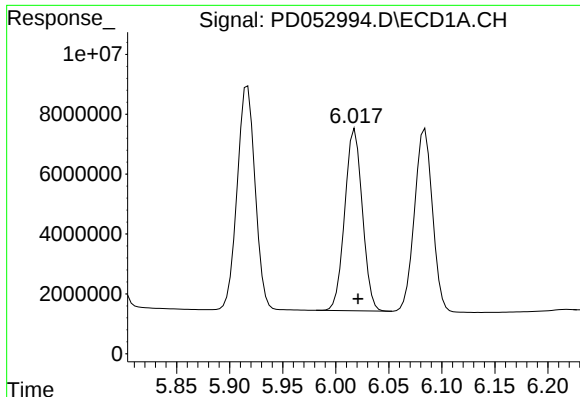
#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 79164145
Conc: 51.79 ng/ml



#16 4,4'-DDD

R.T.: 6.887 min
Delta R.T.: 0.000 min
Response: 1205957183
Conc: 50.42 ng/ml



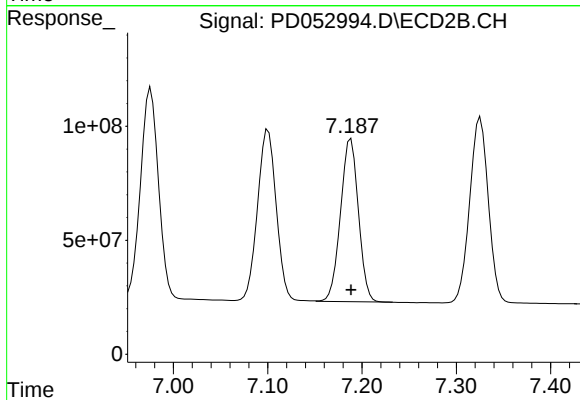
#17 4,4'-DDT

R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 69987833
Conc: 48.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB119064BS

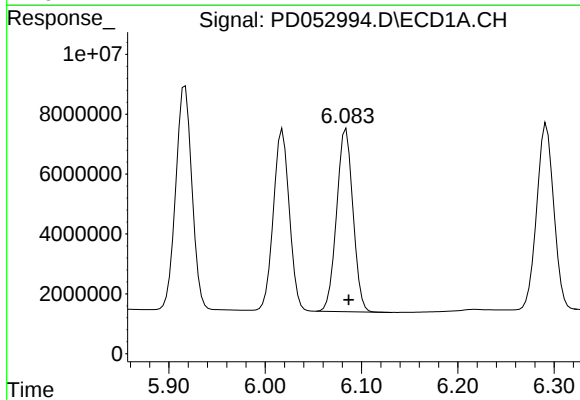
Manual Integrations
APPROVED

Sohil
4/23/2019 12:10:24 PM



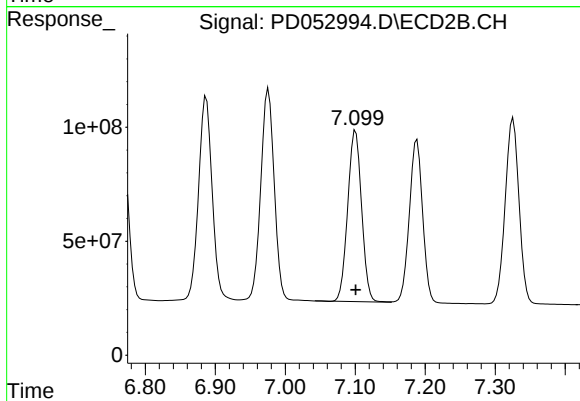
#17 4,4'-DDT

R.T.: 7.188 min
Delta R.T.: 0.000 min
Response: 942964796
Conc: 50.60 ng/ml



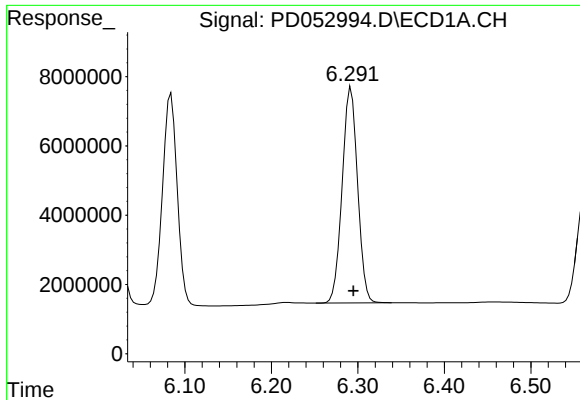
#18 Endrin aldehyde

R.T.: 6.084 min
Delta R.T.: -0.003 min
Response: 71996974
Conc: 50.22 ng/ml



#18 Endrin aldehyde

R.T.: 7.101 min
Delta R.T.: 0.000 min
Response: 1034838332
Conc: 50.27 ng/ml



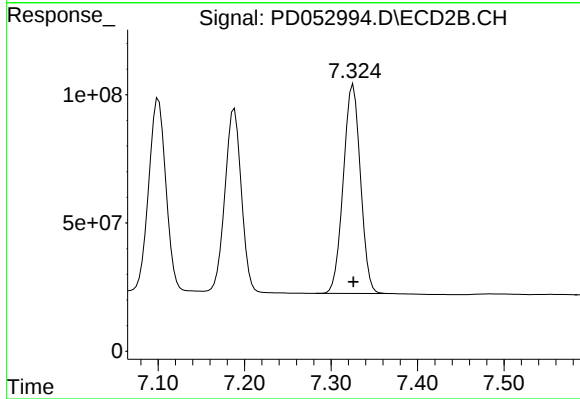
#19 Endosulfan Sulfate

R.T.: 6.292 min
Delta R.T.: -0.003 min
Response: 76652758
Conc: 49.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB119064BS

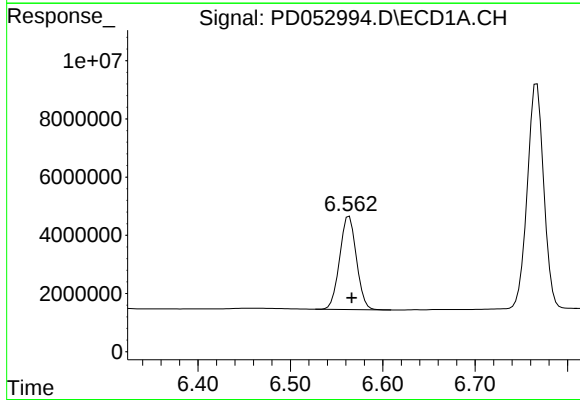
Manual Integrations
APPROVED

Sohil
4/23/2019 12:10:24 PM



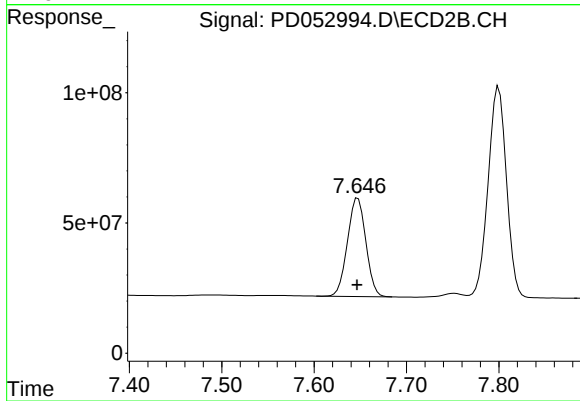
#19 Endosulfan Sulfate

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 1116846708
Conc: 50.77 ng/ml



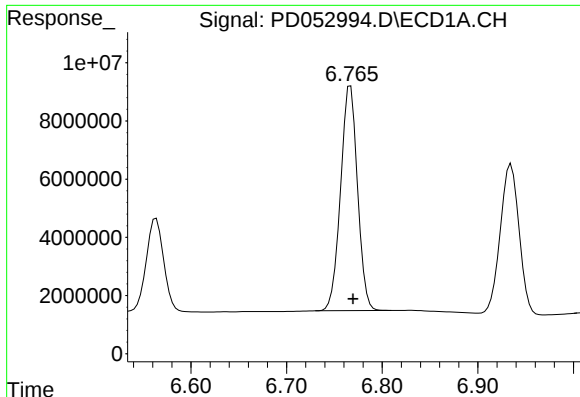
#20 Methoxychlor

R.T.: 6.564 min
Delta R.T.: -0.003 min
Response: 40378401
Conc: 47.80 ng/ml



#20 Methoxychlor

R.T.: 7.648 min
Delta R.T.: 0.001 min
Response: 522531404
Conc: 52.24 ng/ml



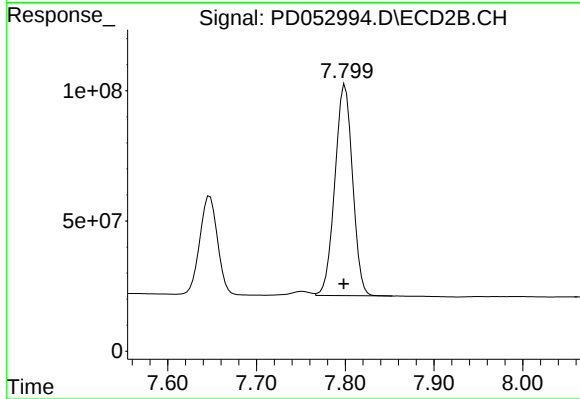
#21 Endrin ketone

R.T.: 6.767 min
Delta R.T.: -0.003 min
Response: 95377605
Conc: 52.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB119064BS

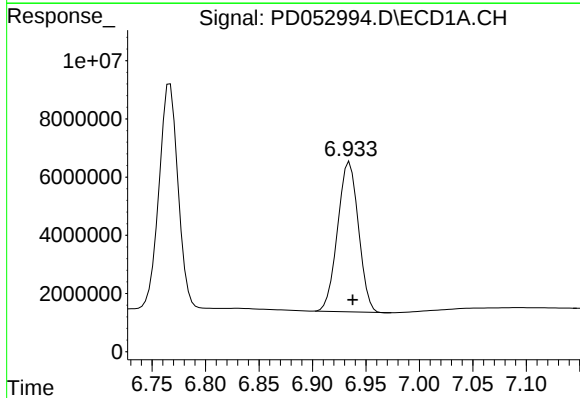
Manual Integrations
APPROVED

Sohil
4/23/2019 12:10:24 PM



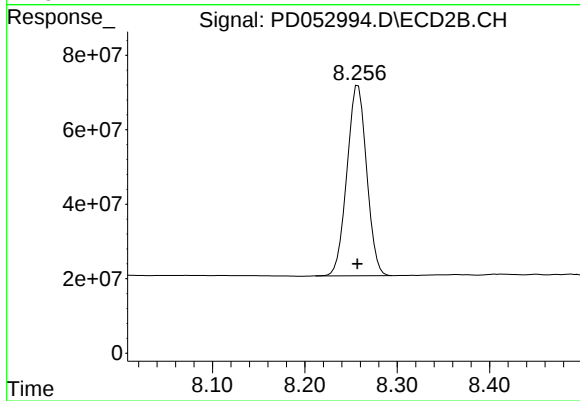
#21 Endrin ketone

R.T.: 7.800 min
Delta R.T.: 0.002 min
Response: 1122739533
Conc: 54.80 ng/ml



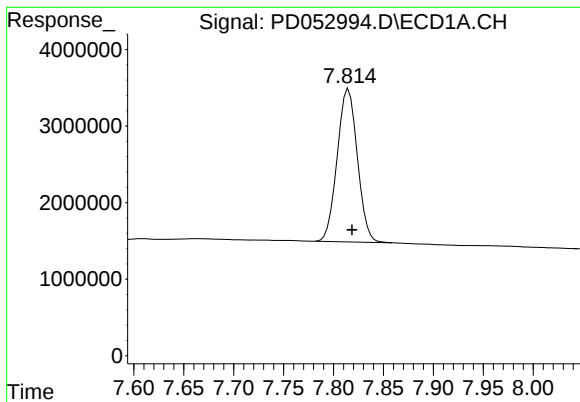
#22 Mirex

R.T.: 6.935 min
Delta R.T.: -0.003 min
Response: 70026523
Conc: 57.16 ng/ml



#22 Mirex

R.T.: 8.258 min
Delta R.T.: 0.000 min
Response: 757559542
Conc: 58.75 ng/ml



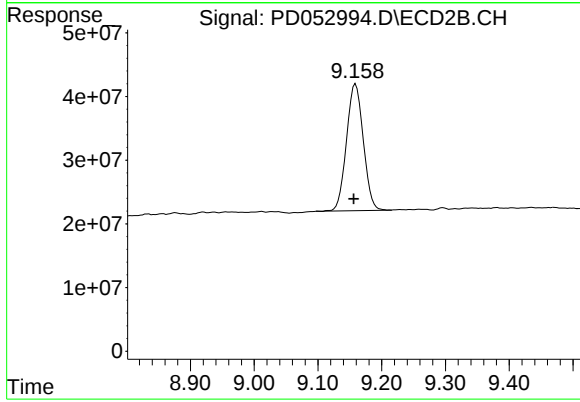
#28 Decachlorobiphenyl

R.T.: 7.815 min
Delta R.T.: -0.004 min
Response: 28109513
Conc: 21.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB119064BS

Manual Integrations
APPROVED

Sohil
4/23/2019 12:10:24 PM



#28 Decachlorobiphenyl

R.T.: 9.159 min
Delta R.T.: 0.003 min
Response: 365005089
Conc: 23.47 ng/ml