

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032219\
 Data File : PD051977.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Mar 2019 21:40
 Operator : AJ\SJ
 Sample : K2013-01MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PST-026-B123-031819MSD

Manual Integrations
 APPROVED

Sohil
 3/23/2019 9:35:37 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 23:22:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 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...	3.222	4.044	24063985	519.8E6	18.149	18.124
2)	SA Decachlor...	7.824	9.163	16519660	295.5E6	14.533	16.174
Target Compounds							
2)	A alpha-BHC	3.643	4.437	104.7E6	2045.0E6	47.680	46.872
3)	MA gamma-BHC...	3.912	4.725	100.7E6	1862.2E6	48.188	47.016
4)	MA Heptachlor	4.189	5.238	99531289	1772.3E6	46.393	46.214
5)	MB Aldrin	4.421	5.545	97275775	1649.2E6	47.786	46.043
6)	B beta-BHC	4.157	4.895	40811341	812.5E6	46.351	45.206
7)	B delta-BHC	4.346	5.115	93825417	1215.5E6	46.269	35.370
8)	B Heptachlo...	4.848	5.932	99651821	1360.6E6	50.687	42.433m
9)	A Endosulfan I	5.171	6.293	91012350	1394.1E6	49.109	47.024
10)	B gamma-Chl...	5.066	6.169	119.9E6	1670.3E6	59.146	52.232
11)	B alpha-Chl...	5.122	6.242	111.4E6	1884.3E6	55.433	59.452
12)	B 4,4'-DDE	5.292	6.398	92856754	1414.1E6	49.567	45.721
13)	MA Dieldrin	5.406	6.551	100.9E6	1447.0E6	50.202	46.895
14)	MA Endrin	5.653	6.771	92591969	1225.7E6	48.328	46.940
15)	B Endosulfa...	5.923	6.979	86438160	1209.9E6	47.964	46.971
16)	A 4,4'-DDD	5.793	6.890	74364825	1221.0E6	47.233	49.712
17)	MA 4,4'-DDT	6.025	7.191	79469617	1042.4E6	49.740	51.457
18)	B Endrin al...	6.090	7.103	67791576	960.1E6	45.830	44.782m
19)	B Endosulfa...	6.299	7.328	74922633	1095.3E6	45.316	46.727
20)	A Methoxychlor	6.571	7.650	40807035	523.8E6	45.950	47.587
21)	B Endrin ke...	6.774	7.802	84117855	1086.3E6	45.442	48.084
22)	Mirex	6.943	8.261	52657815	628.8E6	41.860	40.636

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032219\
Data File : PD051977.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Mar 2019 21:40
Operator : AJ\SJ
Sample : K2013-01MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

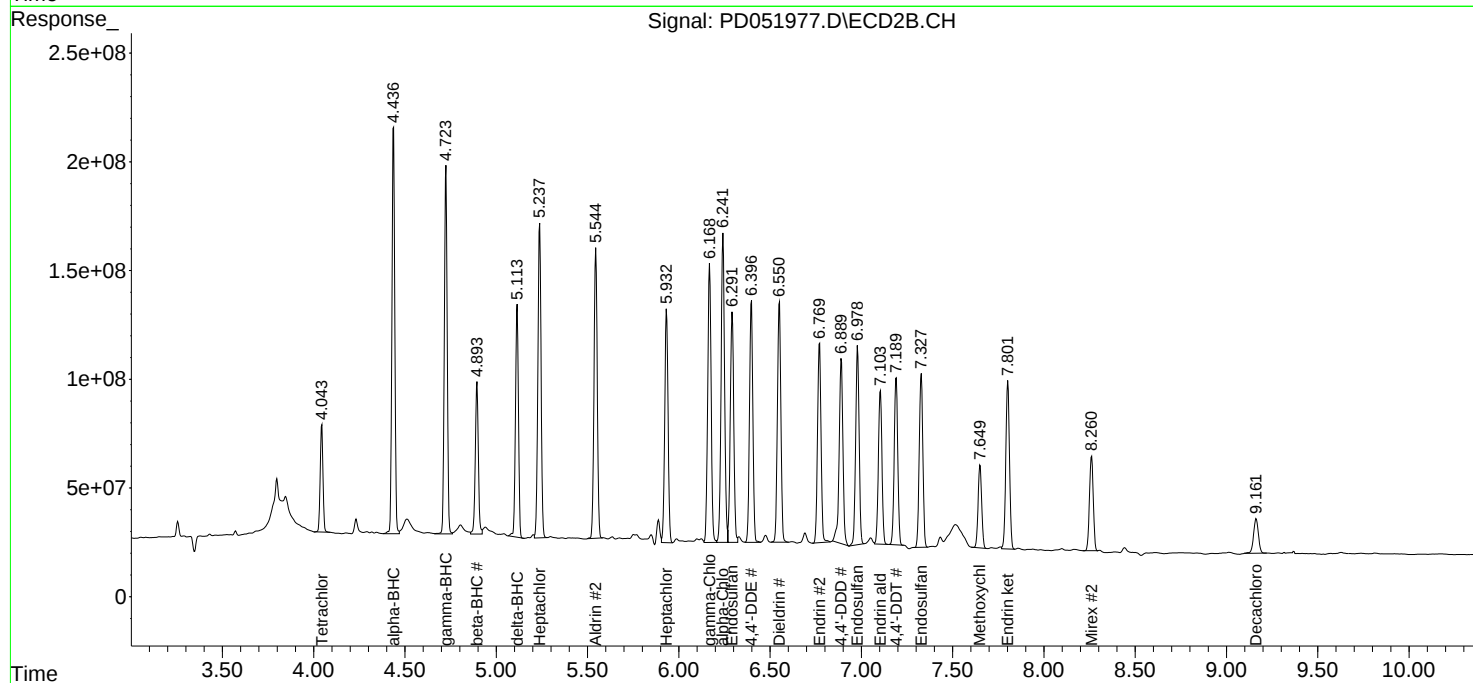
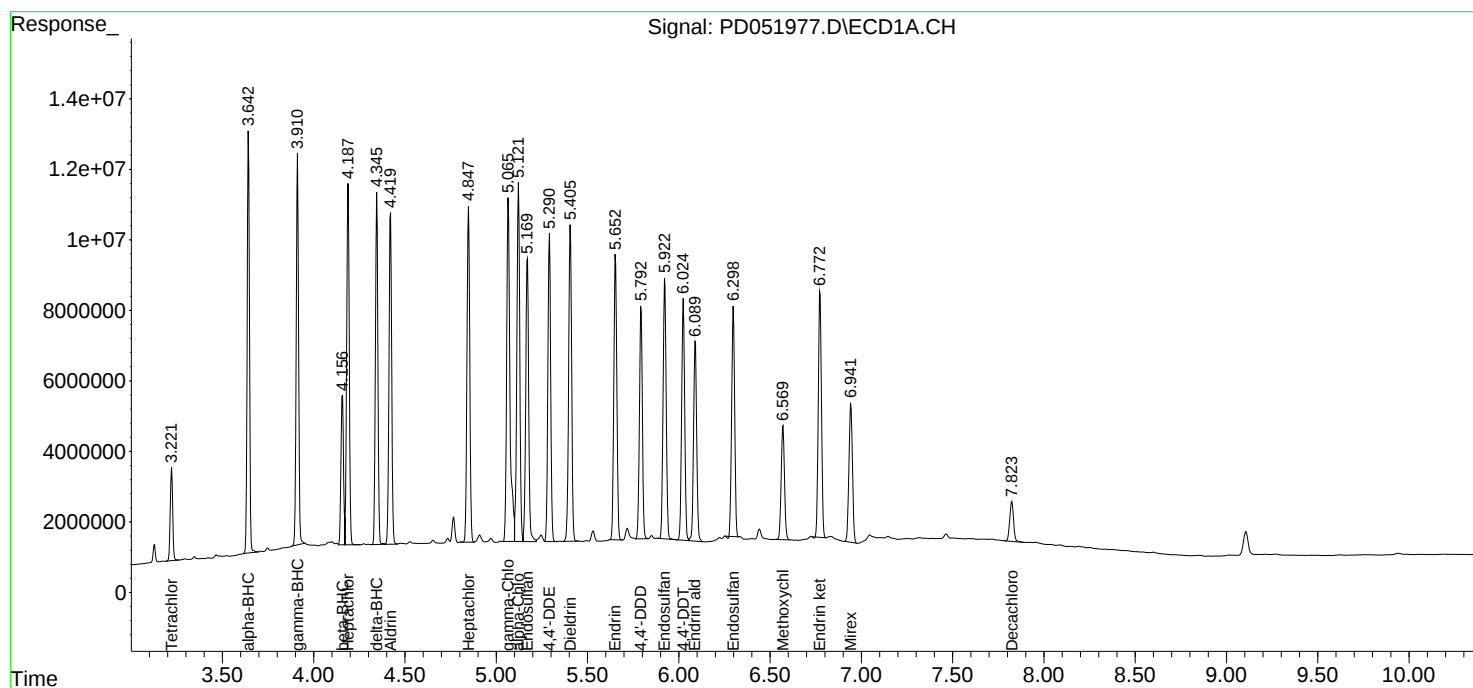
Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MSD

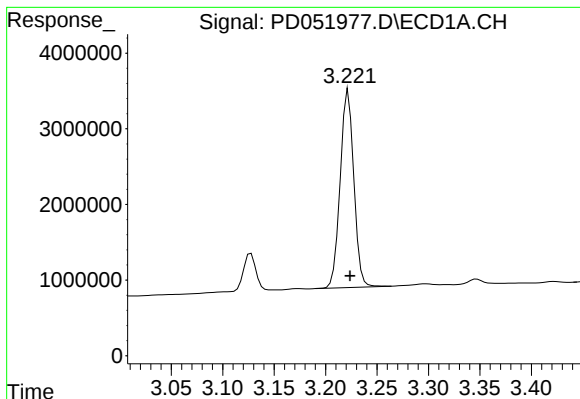
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:37 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 22 23:22:08 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 01 23:43:17 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





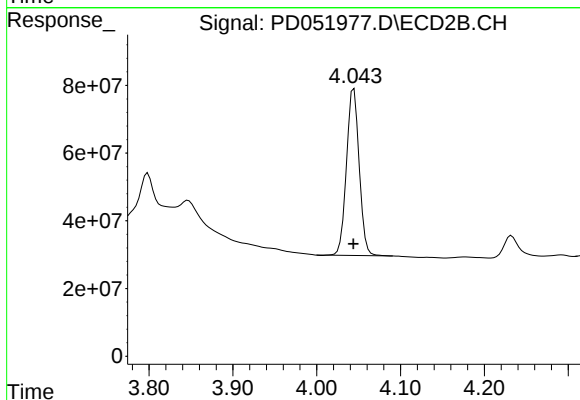
#1 Tetrachloro-m-xylene

R.T.: 3.222 min
Delta R.T.: -0.002 min
Response: 24063985
Conc: 18.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MSD

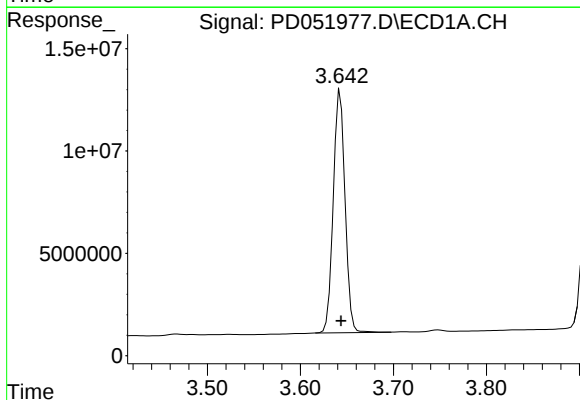
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:37 AM



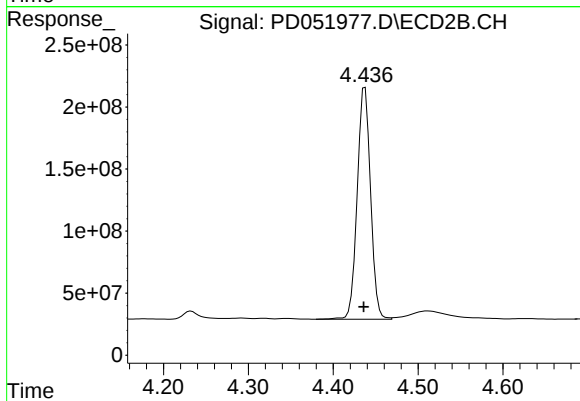
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 519756110
Conc: 18.12 ng/ml



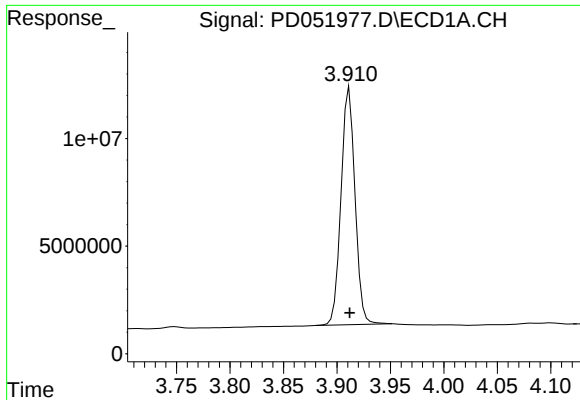
#2 alpha-BHC

R.T.: 3.643 min
Delta R.T.: 0.000 min
Response: 104666687
Conc: 47.68 ng/ml



#2 alpha-BHC

R.T.: 4.437 min
Delta R.T.: 0.001 min
Response: 2045017159
Conc: 46.87 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 3.912 min

Delta R.T.: 0.000 min

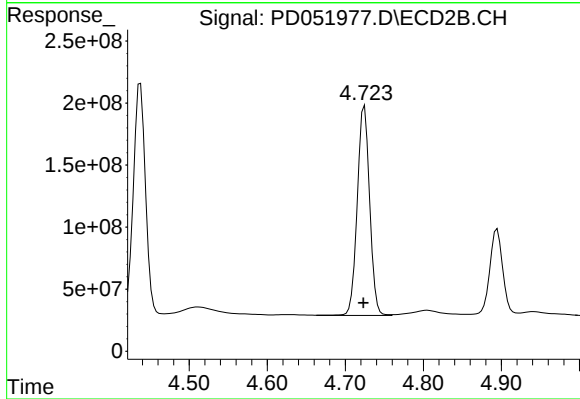
Response: 100678133

Conc: 48.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MSD

Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:37 AM



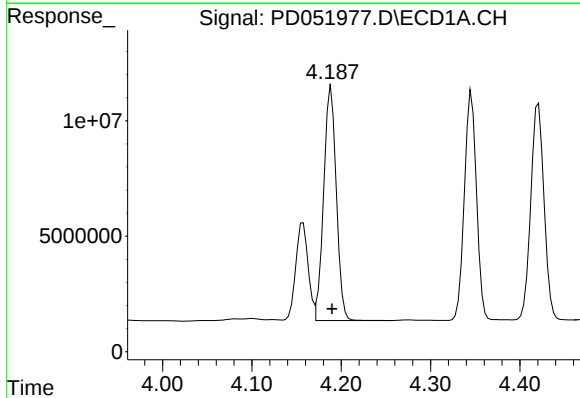
#3 gamma-BHC (Lindane)

R.T.: 4.725 min

Delta R.T.: 0.002 min

Response: 1862195884

Conc: 47.02 ng/ml



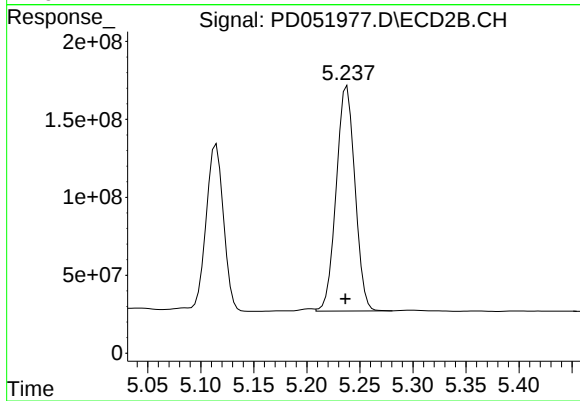
#4 Heptachlor

R.T.: 4.189 min

Delta R.T.: 0.000 min

Response: 99531289

Conc: 46.39 ng/ml



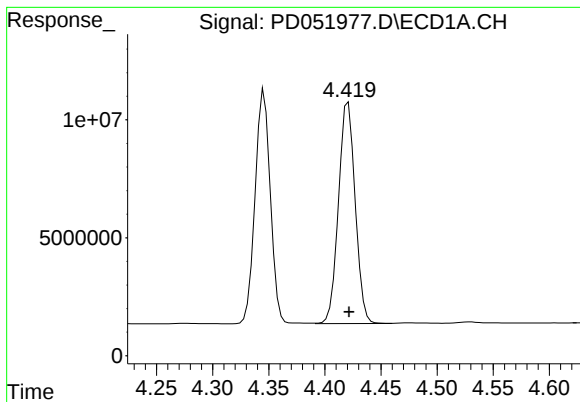
#4 Heptachlor

R.T.: 5.238 min

Delta R.T.: 0.002 min

Response: 1772294886

Conc: 46.21 ng/ml



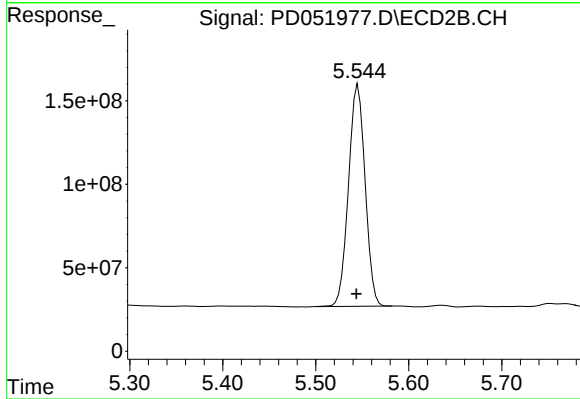
#5 Aldrin

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 97275775
Conc: 47.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MSD

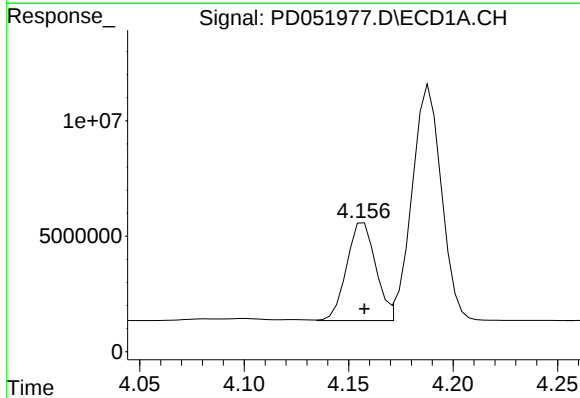
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:37 AM



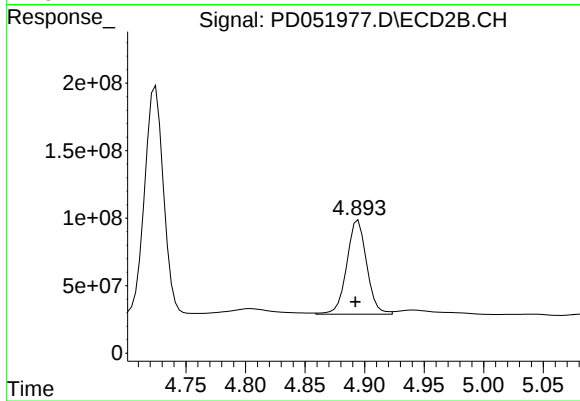
#5 Aldrin

R.T.: 5.545 min
Delta R.T.: 0.002 min
Response: 1649154491
Conc: 46.04 ng/ml



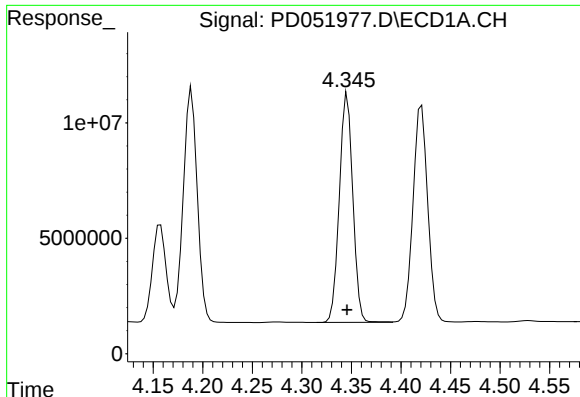
#6 beta-BHC

R.T.: 4.157 min
Delta R.T.: 0.000 min
Response: 40811341
Conc: 46.35 ng/ml



#6 beta-BHC

R.T.: 4.895 min
Delta R.T.: 0.002 min
Response: 812500566
Conc: 45.21 ng/ml



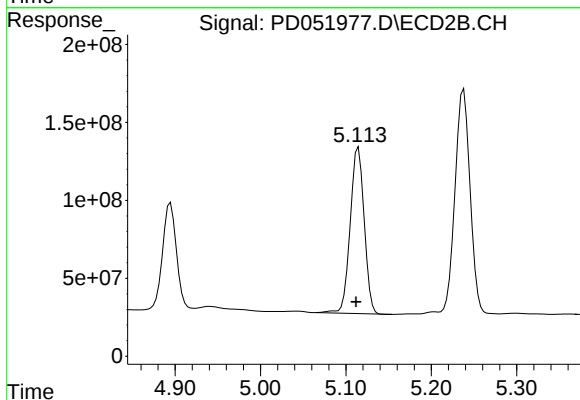
#7 delta-BHC

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 93825417
Conc: 46.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MSD

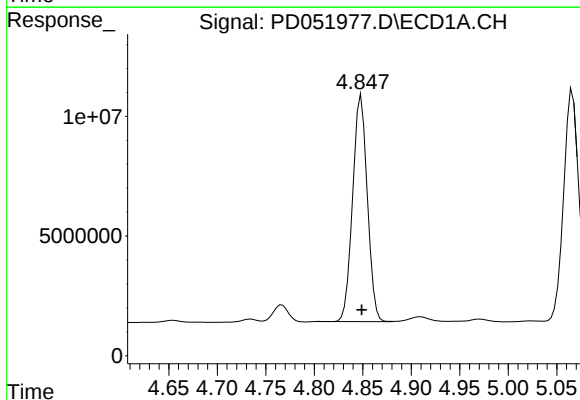
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:37 AM



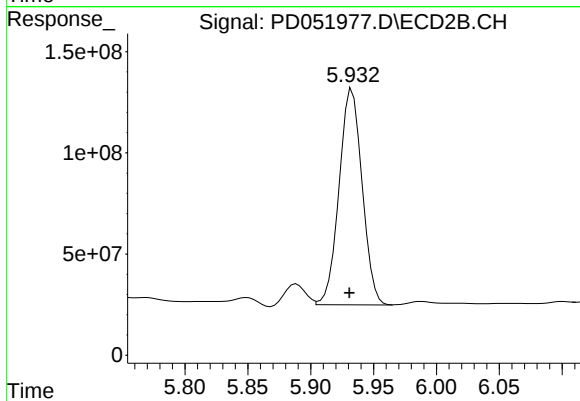
#7 delta-BHC

R.T.: 5.115 min
Delta R.T.: 0.003 min
Response: 1215528999
Conc: 35.37 ng/ml



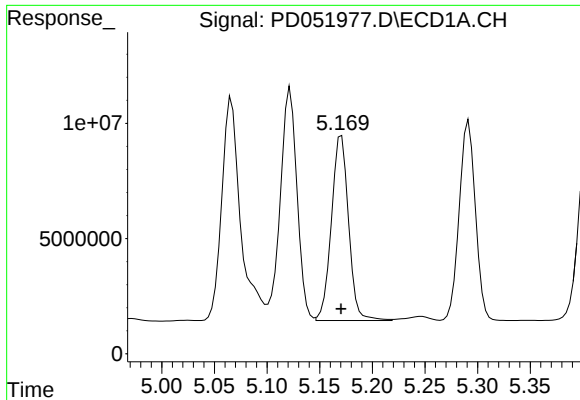
#8 Heptachlor epoxide

R.T.: 4.848 min
Delta R.T.: 0.000 min
Response: 99651821
Conc: 50.69 ng/ml



#8 Heptachlor epoxide

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 1360638377
Conc: 42.43 ng/ml m



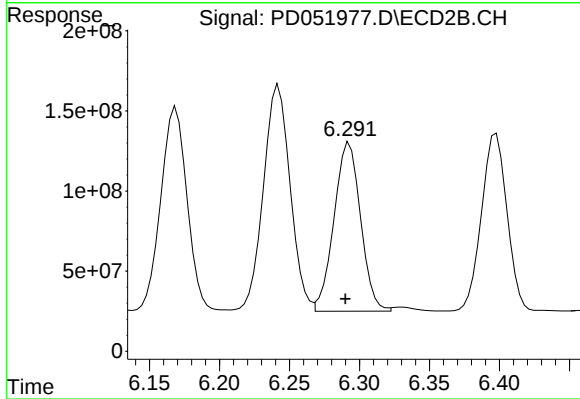
#9 Endosulfan I

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 91012350
Conc: 49.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MSD

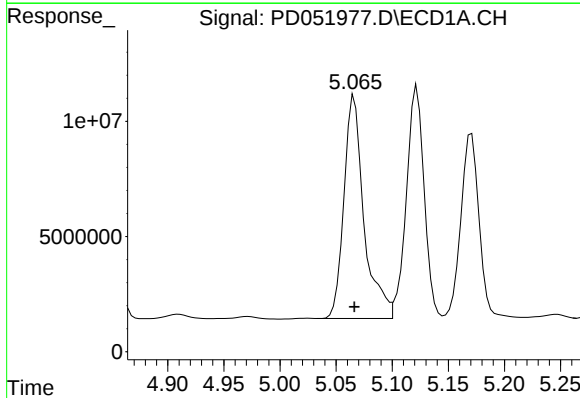
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:37 AM



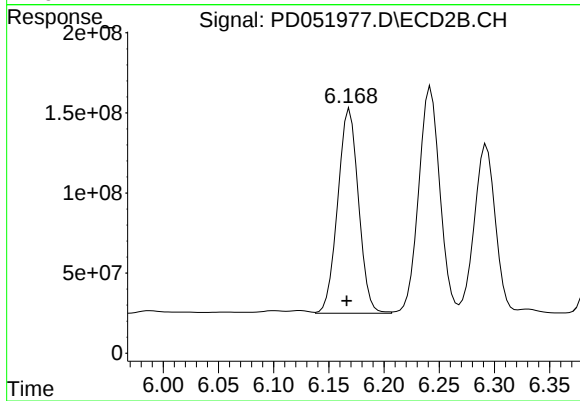
#9 Endosulfan I

R.T.: 6.293 min
Delta R.T.: 0.003 min
Response: 1394057679
Conc: 47.02 ng/ml



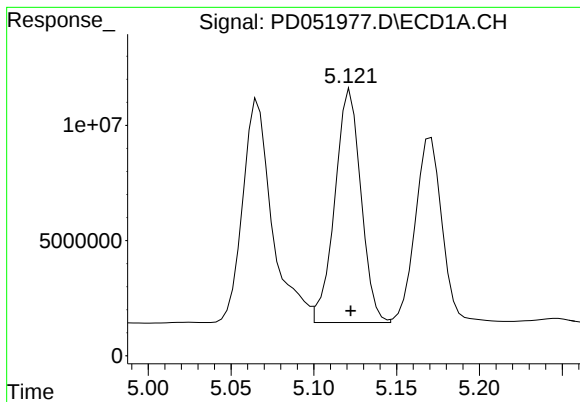
#10 gamma-Chlordane

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 119850006
Conc: 59.15 ng/ml



#10 gamma-Chlordane

R.T.: 6.169 min
Delta R.T.: 0.003 min
Response: 1670338031
Conc: 52.23 ng/ml



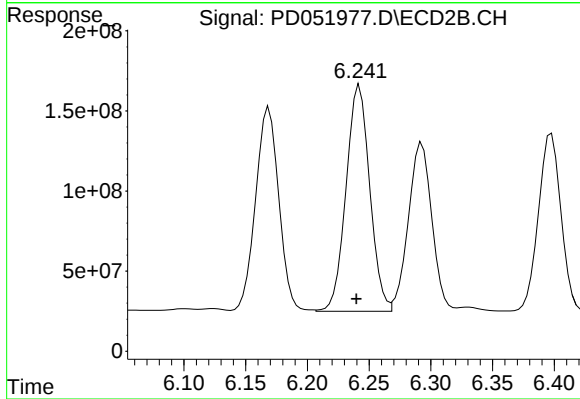
#11 alpha-Chlordane

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 111408235
Conc: 55.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MSD

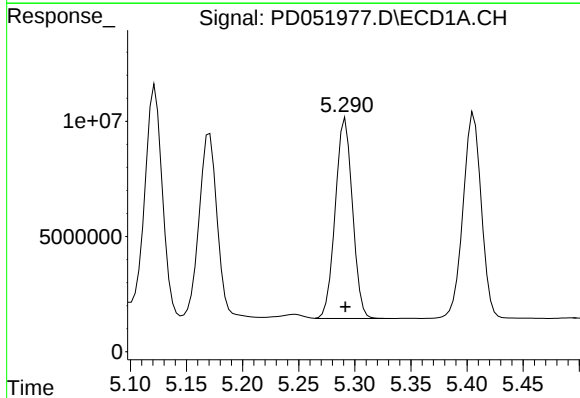
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:37 AM



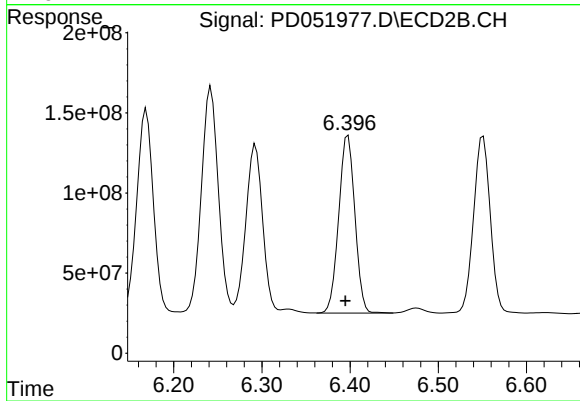
#11 alpha-Chlordane

R.T.: 6.242 min
Delta R.T.: 0.003 min
Response: 1884270329
Conc: 59.45 ng/ml



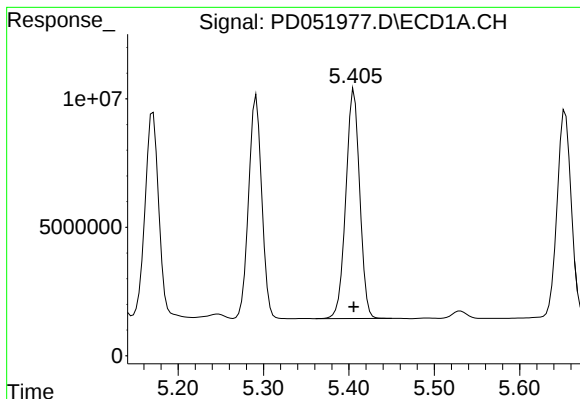
#12 4,4'-DDE

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 92856754
Conc: 49.57 ng/ml



#12 4,4'-DDE

R.T.: 6.398 min
Delta R.T.: 0.003 min
Response: 1414145860
Conc: 45.72 ng/ml



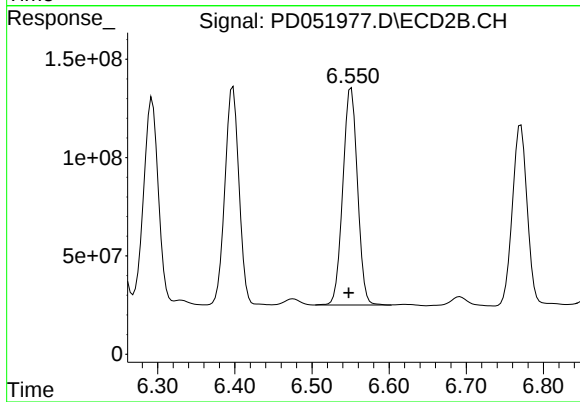
#13 Dieldrin

R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 100922042
Conc: 50.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MSD

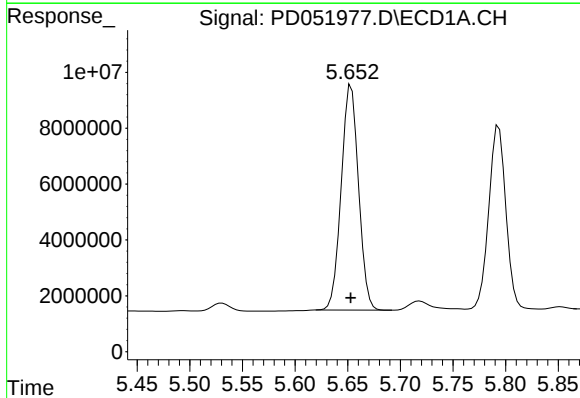
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:37 AM



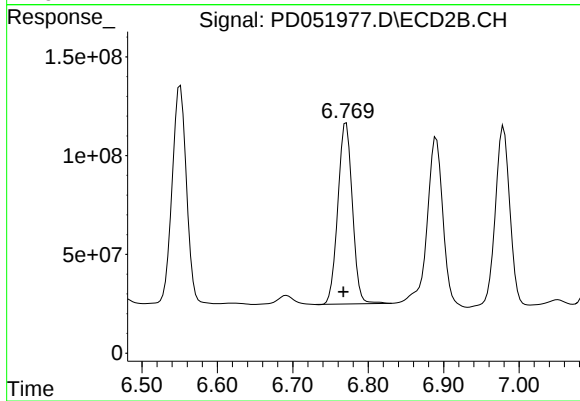
#13 Dieldrin

R.T.: 6.551 min
Delta R.T.: 0.003 min
Response: 1446981450
Conc: 46.90 ng/ml



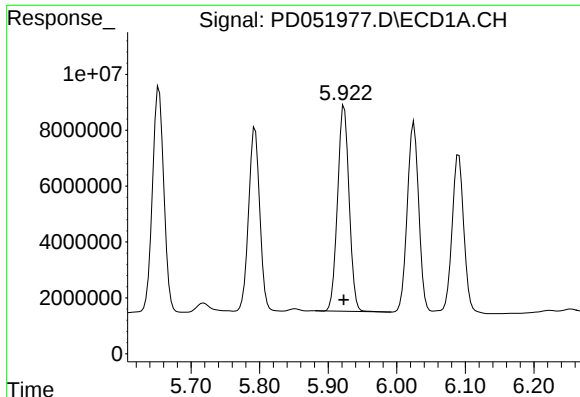
#14 Endrin

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 92591969
Conc: 48.33 ng/ml



#14 Endrin

R.T.: 6.771 min
Delta R.T.: 0.004 min
Response: 1225692443
Conc: 46.94 ng/ml



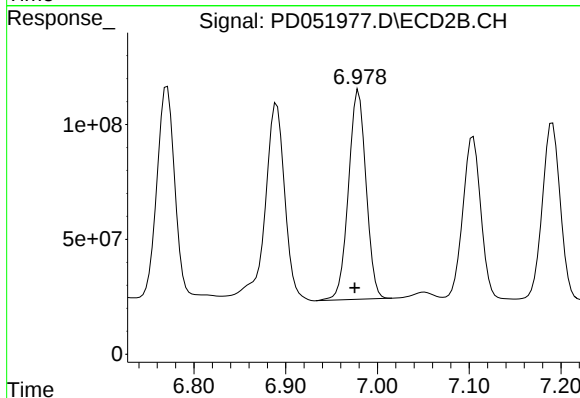
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 86438160
Conc: 47.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MSD

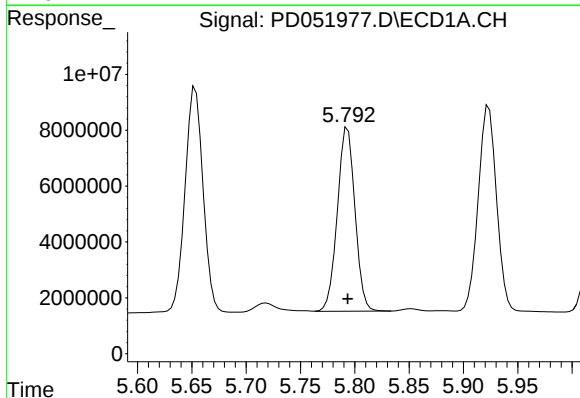
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:37 AM



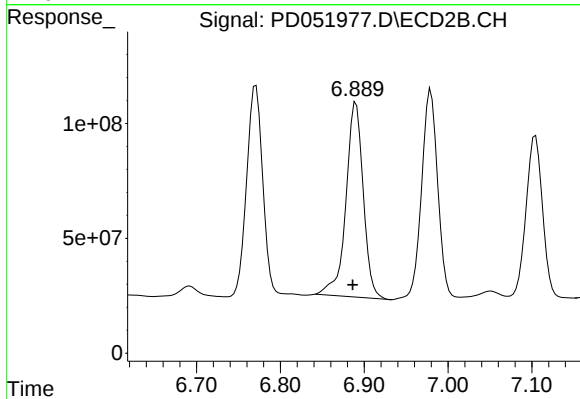
#15 Endosulfan II

R.T.: 6.979 min
Delta R.T.: 0.004 min
Response: 1209930470
Conc: 46.97 ng/ml



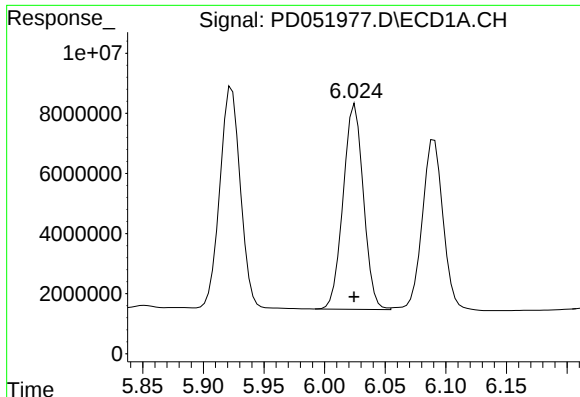
#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 74364825
Conc: 47.23 ng/ml



#16 4,4'-DDD

R.T.: 6.890 min
Delta R.T.: 0.004 min
Response: 1221010446
Conc: 49.71 ng/ml



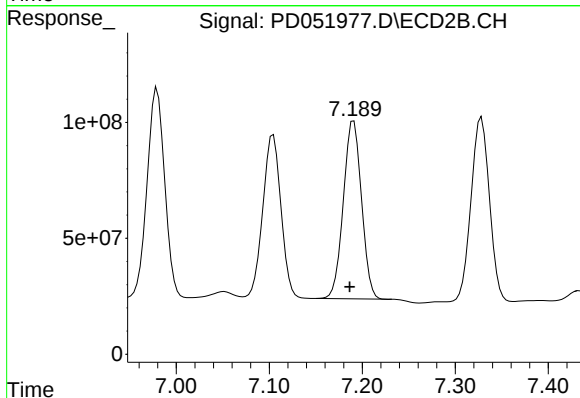
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 79469617
Conc: 49.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MSD

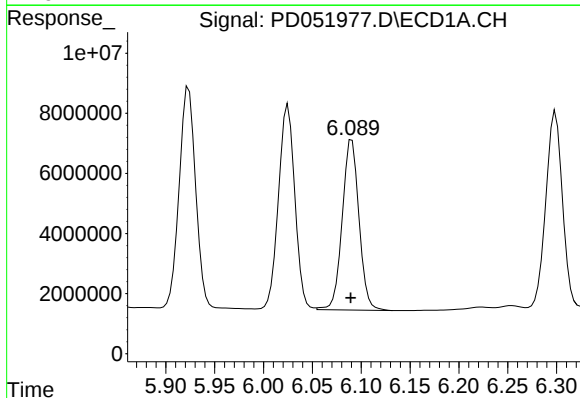
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:37 AM



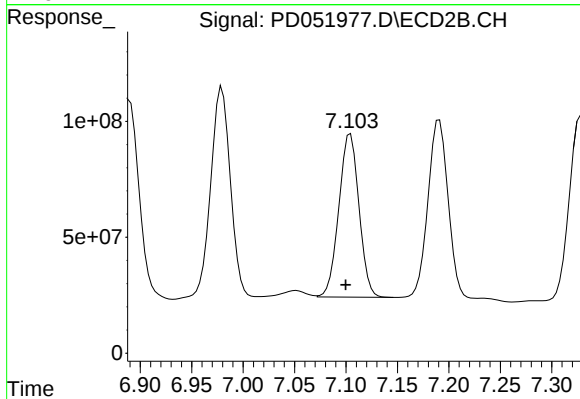
#17 4,4'-DDT

R.T.: 7.191 min
Delta R.T.: 0.004 min
Response: 1042360972
Conc: 51.46 ng/ml



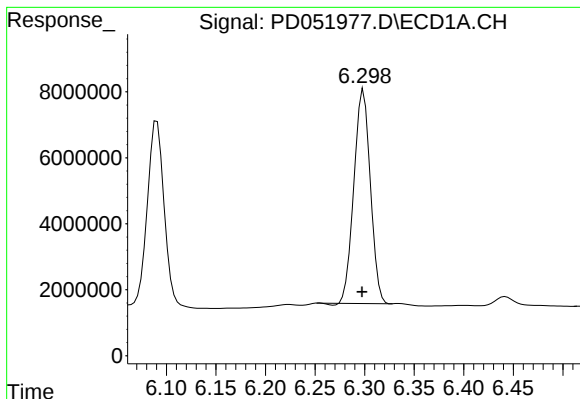
#18 Endrin aldehyde

R.T.: 6.090 min
Delta R.T.: 0.001 min
Response: 67791576
Conc: 45.83 ng/ml



#18 Endrin aldehyde

R.T.: 7.103 min
Delta R.T.: 0.003 min
Response: 960145993
Conc: 44.78 ng/ml m



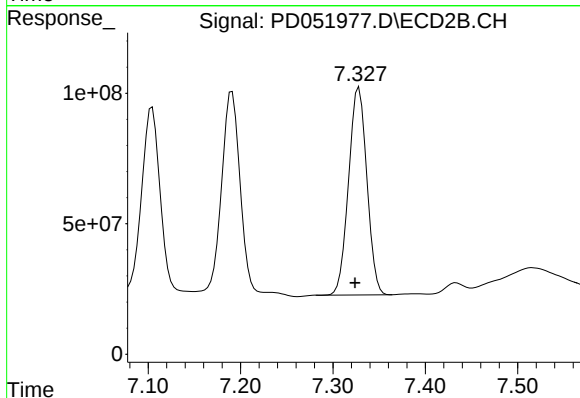
#19 Endosulfan Sulfate

R.T.: 6.299 min
Delta R.T.: 0.001 min
Response: 74922633
Conc: 45.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MSD

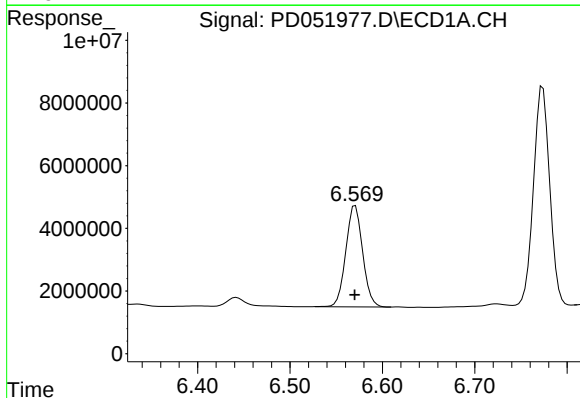
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:37 AM



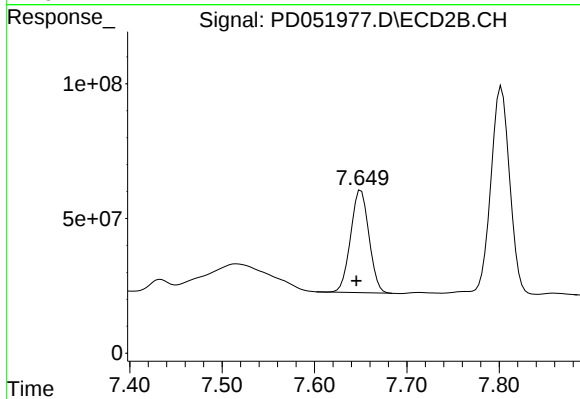
#19 Endosulfan Sulfate

R.T.: 7.328 min
Delta R.T.: 0.004 min
Response: 1095303282
Conc: 46.73 ng/ml



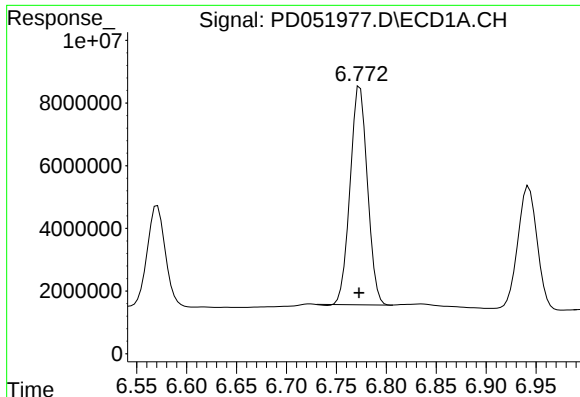
#20 Methoxychlor

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 40807035
Conc: 45.95 ng/ml



#20 Methoxychlor

R.T.: 7.650 min
Delta R.T.: 0.005 min
Response: 523784249
Conc: 47.59 ng/ml



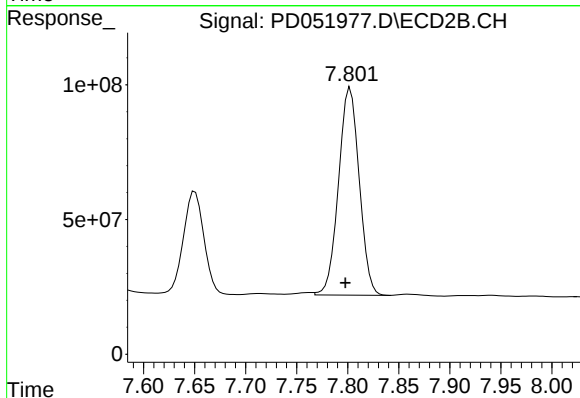
#21 Endrin ketone

R.T.: 6.774 min
Delta R.T.: 0.000 min
Response: 84117855
Conc: 45.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MSD

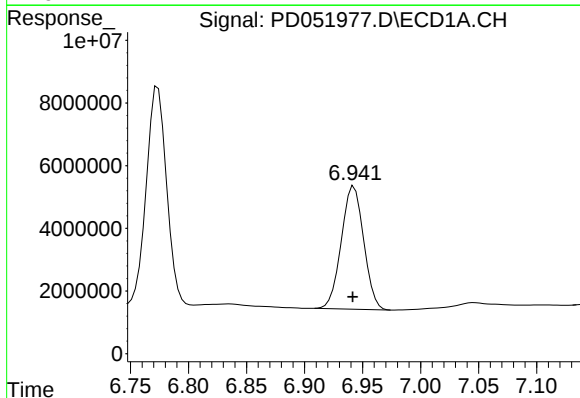
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:37 AM



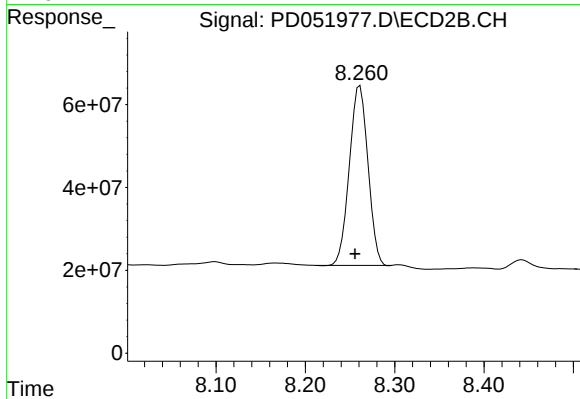
#21 Endrin ketone

R.T.: 7.802 min
Delta R.T.: 0.005 min
Response: 1086316784
Conc: 48.08 ng/ml



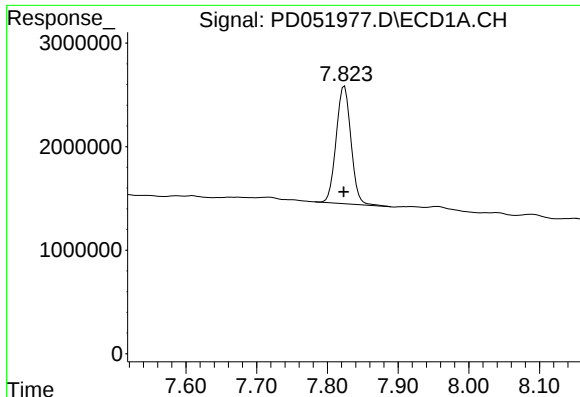
#22 Mirex

R.T.: 6.943 min
Delta R.T.: 0.001 min
Response: 52657815
Conc: 41.86 ng/ml



#22 Mirex

R.T.: 8.261 min
Delta R.T.: 0.005 min
Response: 628823786
Conc: 40.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.824 min

Delta R.T.: 0.000 min

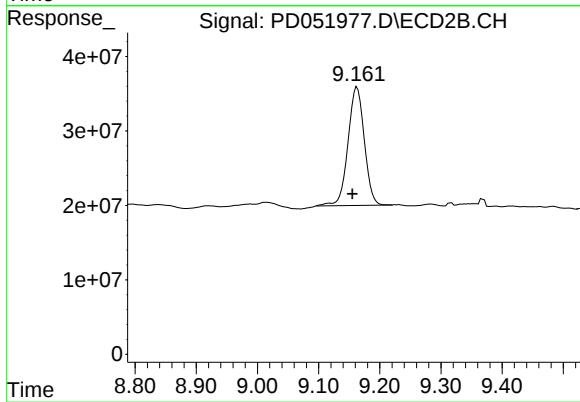
Response: 16519660

Conc: 14.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PST-026-B123-031819MSD

Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:37 AM



#28 Decachlorobiphenyl

R.T.: 9.163 min

Delta R.T.: 0.008 min

Response: 295452940

Conc: 16.17 ng/ml