

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032219\
 Data File : PD051949.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 22 Mar 2019 14:08
 Operator : AJ\SJ
 Sample : PB118170BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB118170BS

Manual Integrations
 APPROVED

Sohil
 3/23/2019 9:35:16 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 22 23:11:56 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...	3.225	4.045	21218744	503.9E6	16.003	17.573
28)	SA Decachlor...	7.828	9.166	18843390	342.6E6	16.578	18.755
Target Compounds							
2)	A alpha-BHC	3.646	4.439	105.8E6	2068.0E6	48.185	47.398
3)	MA gamma-BHC...	3.915	4.726	101.9E6	1897.2E6	48.777	47.901
4)	MA Heptachlor	4.192	5.240	102.9E6	1875.0E6	47.983	48.893
5)	MB Aldrin	4.424	5.547	105.1E6	1814.8E6	51.623	50.669
6)	B beta-BHC	4.161	4.895	41123126	861.1E6	46.705	47.908m
7)	B delta-BHC	4.349	5.116	96326030	1681.1E6	47.502	48.917
8)	B Heptachlo...	4.852	5.936	99109548	1593.1E6	50.411	49.683
9)	A Endosulfan I	5.174	6.295	94705247	1503.9E6	51.102	50.728
10)	B gamma-Chl...	5.070	6.171	103.1E6	1657.6E6	50.879	51.833
11)	B alpha-Chl...	5.126	6.244	101.6E6	1588.9E6	50.539	50.133
12)	B 4,4'-DDE	5.296	6.400	95535869	1584.5E6	50.997	51.231
13)	MA Dieldrin	5.409	6.553	104.8E6	1583.1E6	52.107	51.308
14)	MA Endrin	5.657	6.772	97758331	1369.7E6	51.024	52.455
15)	B Endosulfa...	5.927	6.981	90633702	1321.2E6	50.292	51.292
16)	A 4,4'-DDD	5.797	6.892	76924114	1259.3E6	48.859	51.270
17)	MA 4,4'-DDT	6.028	7.193	80836414	1126.9E6	50.596	55.630
18)	B Endrin al...	6.094	7.107	73640509	1105.7E6	49.785	51.569
19)	B Endosulfa...	6.302	7.330	83510641	1253.3E6	50.511	53.467
20)	A Methoxychlor	6.575	7.653	39993713	581.6E6	45.034	52.839
21)	B Endrin ke...	6.778	7.804	92424103	1199.9E6	49.929	53.110
22)	Mirex	6.947	8.263	62645136	764.6E6	49.799	49.408

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD032219\
Data File : PD051949.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 22 Mar 2019 14:08
Operator : AJ\SJ
Sample : PB118170BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

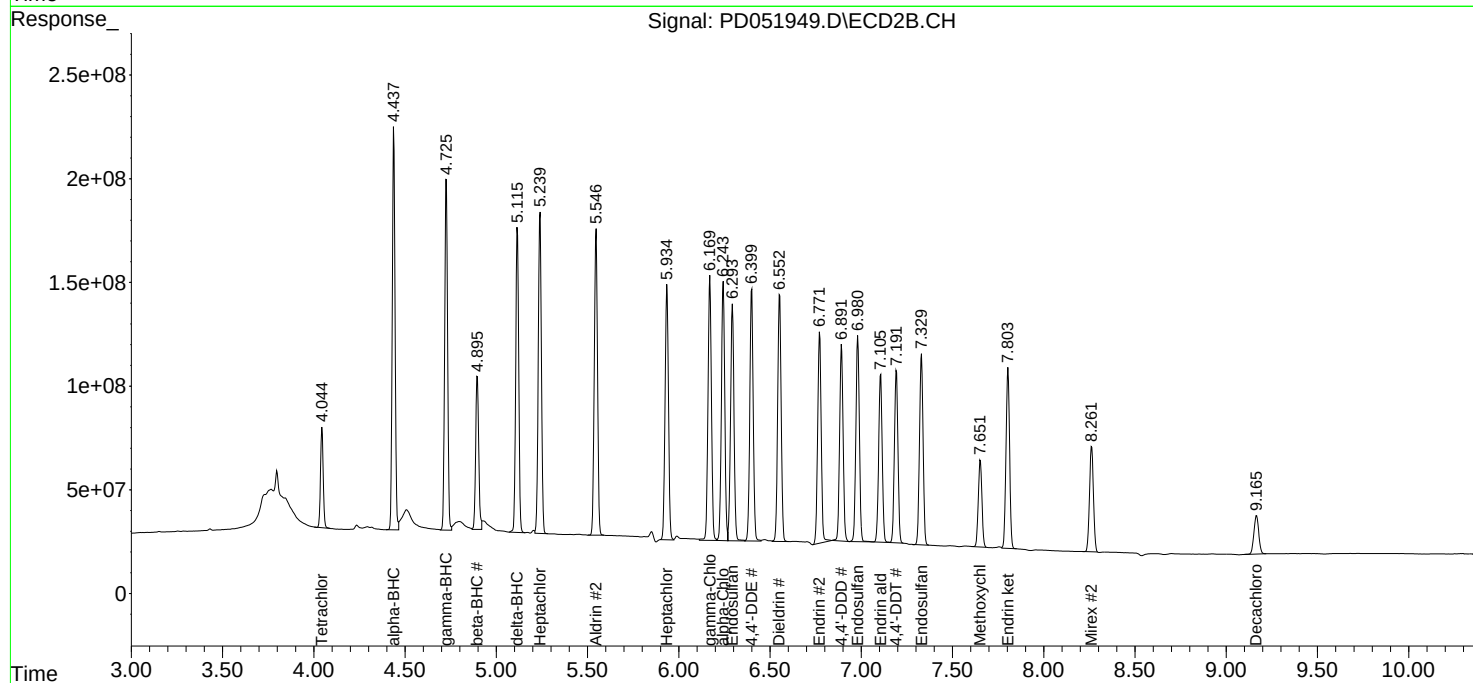
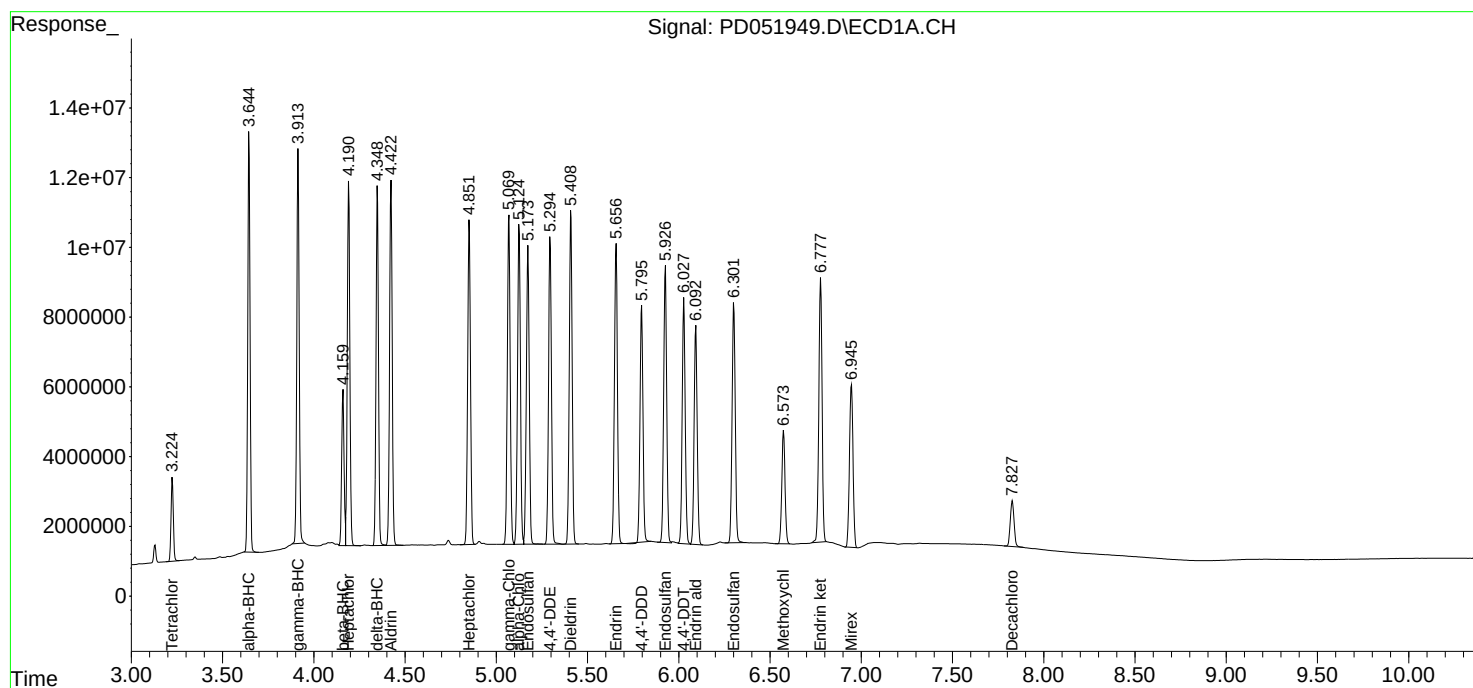
Instrument :
ECD_D
ClientSampled :
PB118170BS

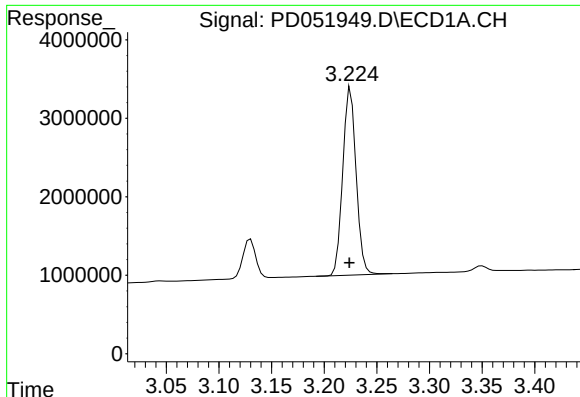
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:16 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 22 23:11:56 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





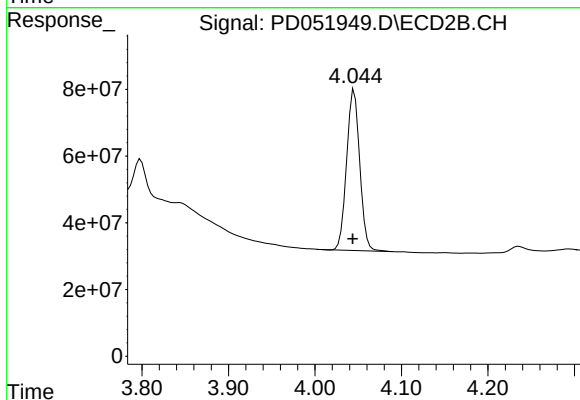
#1 Tetrachloro-m-xylene

R.T.: 3.225 min
Delta R.T.: 0.001 min
Response: 21218744
Conc: 16.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB118170BS

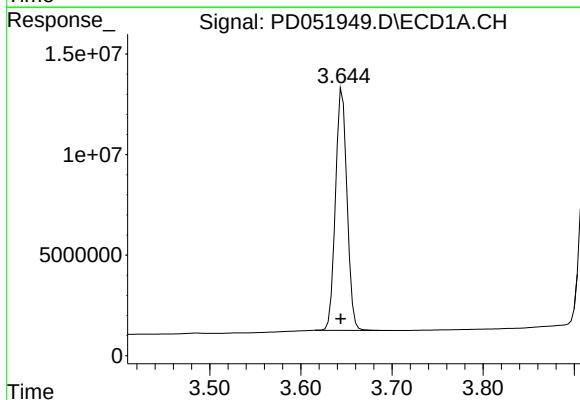
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:16 AM



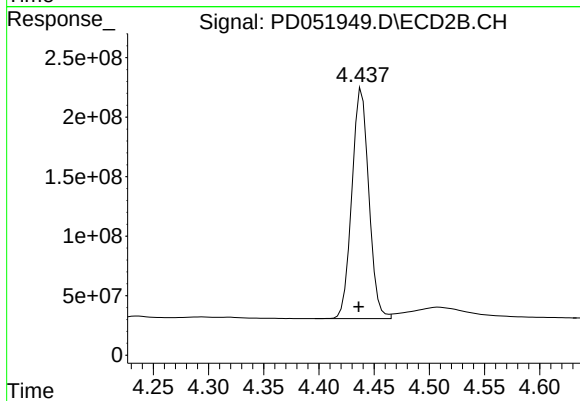
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: 0.002 min
Response: 503932816
Conc: 17.57 ng/ml



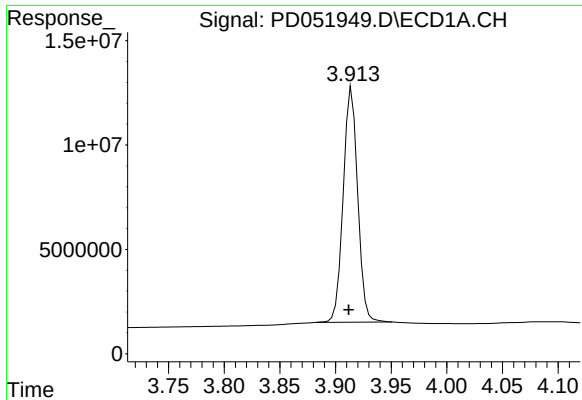
#2 alpha-BHC

R.T.: 3.646 min
Delta R.T.: 0.002 min
Response: 105774159
Conc: 48.18 ng/ml



#2 alpha-BHC

R.T.: 4.439 min
Delta R.T.: 0.003 min
Response: 2067965578
Conc: 47.40 ng/ml



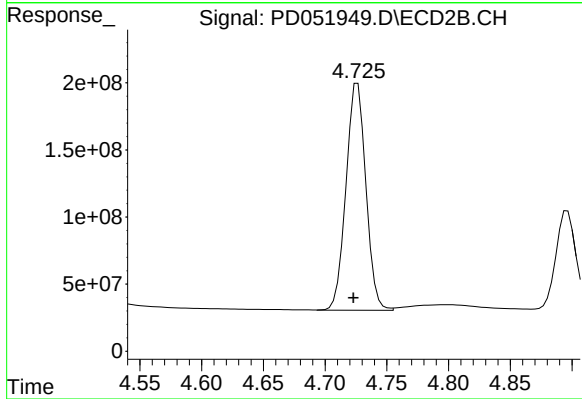
#3 gamma-BHC (Lindane)

R.T.: 3.915 min
Delta R.T.: 0.003 min
Response: 101909167
Conc: 48.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB118170BS

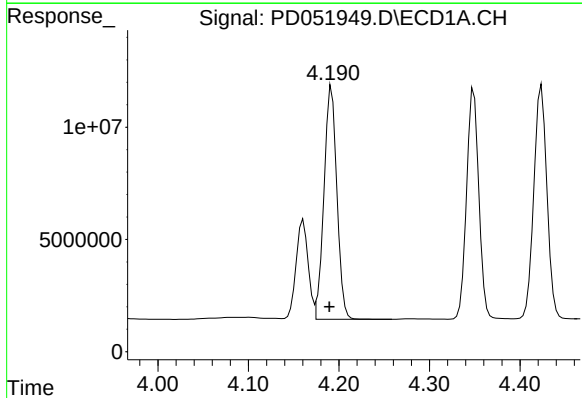
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:16 AM



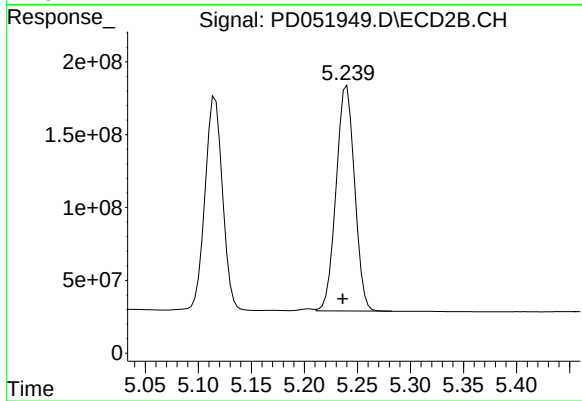
#3 gamma-BHC (Lindane)

R.T.: 4.726 min
Delta R.T.: 0.003 min
Response: 1897216635
Conc: 47.90 ng/ml



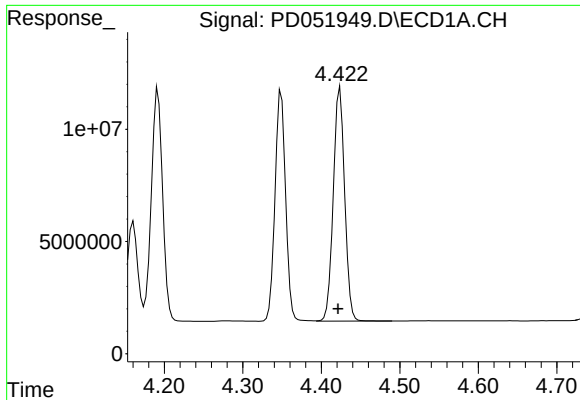
#4 Heptachlor

R.T.: 4.192 min
Delta R.T.: 0.002 min
Response: 102942772
Conc: 47.98 ng/ml



#4 Heptachlor

R.T.: 5.240 min
Delta R.T.: 0.004 min
Response: 1875009577
Conc: 48.89 ng/ml



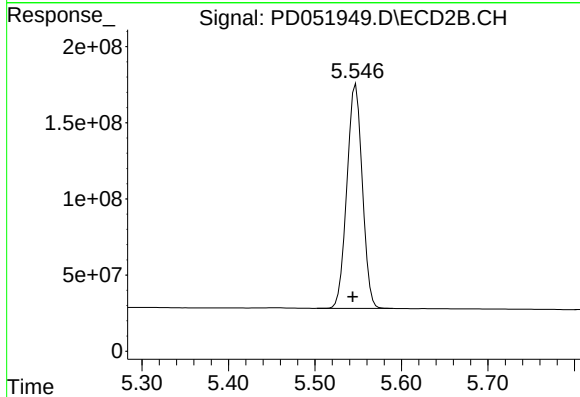
#5 Aldrin

R.T.: 4.424 min
Delta R.T.: 0.002 min
Response: 105086691
Conc: 51.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB118170BS

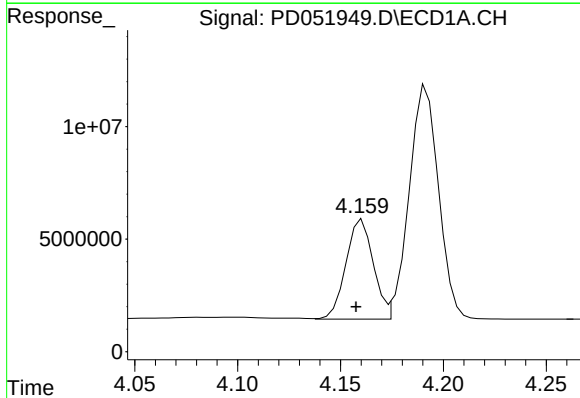
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:16 AM



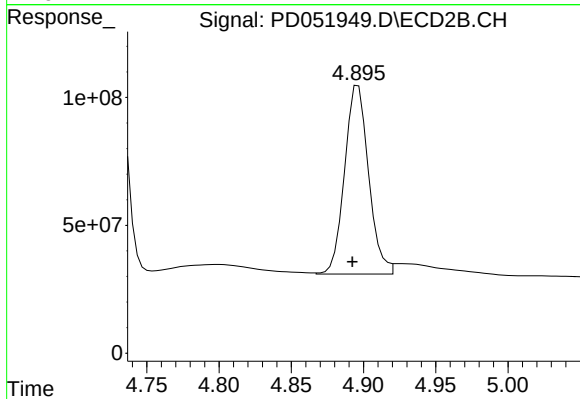
#5 Aldrin

R.T.: 5.547 min
Delta R.T.: 0.003 min
Response: 1814837889
Conc: 50.67 ng/ml



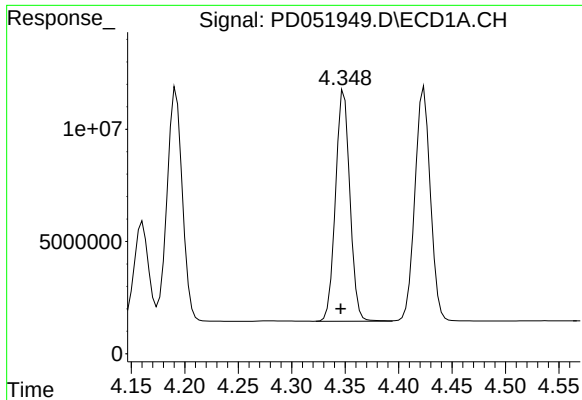
#6 beta-BHC

R.T.: 4.161 min
Delta R.T.: 0.003 min
Response: 41123126
Conc: 46.71 ng/ml



#6 beta-BHC

R.T.: 4.895 min
Delta R.T.: 0.003 min
Response: 861074414
Conc: 47.91 ng/ml m



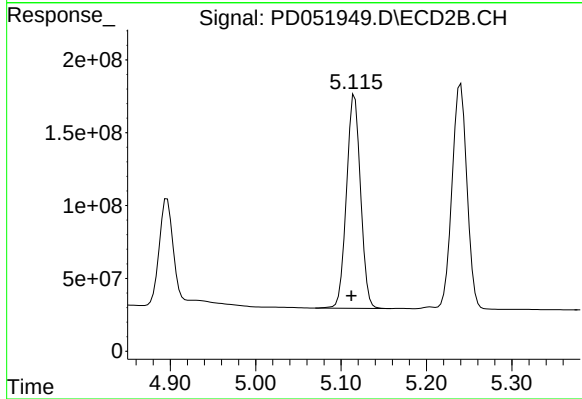
#7 delta-BHC

R.T.: 4.349 min
Delta R.T.: 0.003 min
Response: 96326030
Conc: 47.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB118170BS

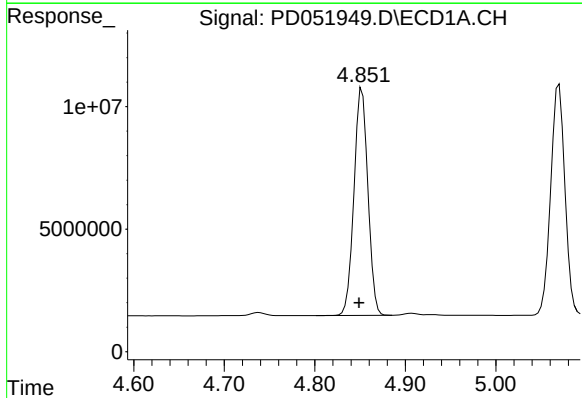
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:16 AM



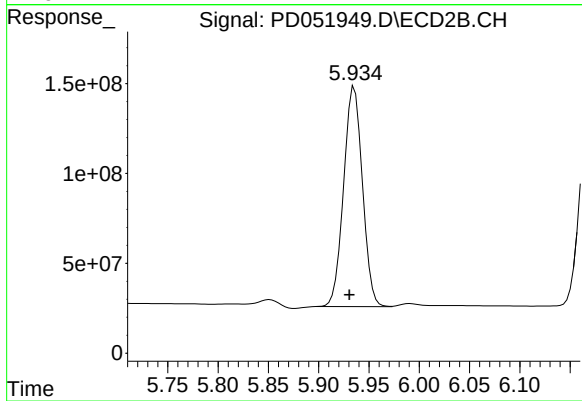
#7 delta-BHC

R.T.: 5.116 min
Delta R.T.: 0.004 min
Response: 1681093035
Conc: 48.92 ng/ml



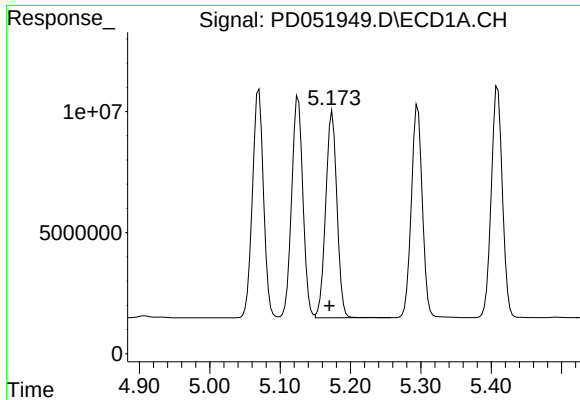
#8 Heptachlor epoxide

R.T.: 4.852 min
Delta R.T.: 0.003 min
Response: 99109548
Conc: 50.41 ng/ml



#8 Heptachlor epoxide

R.T.: 5.936 min
Delta R.T.: 0.005 min
Response: 1593082942
Conc: 49.68 ng/ml



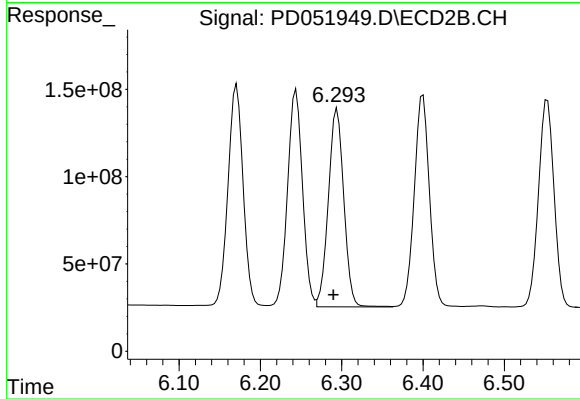
#9 Endosulfan I

R.T.: 5.174 min
Delta R.T.: 0.004 min
Response: 94705247
Conc: 51.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB118170BS

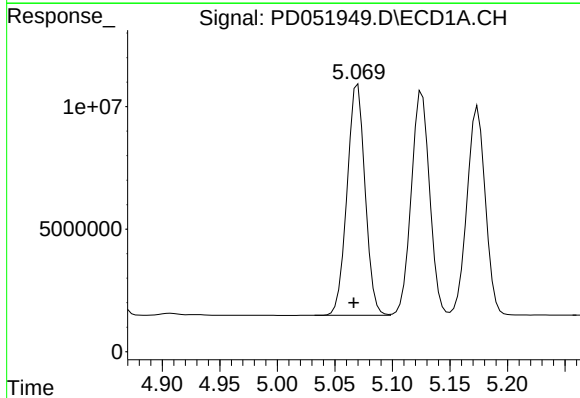
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:16 AM



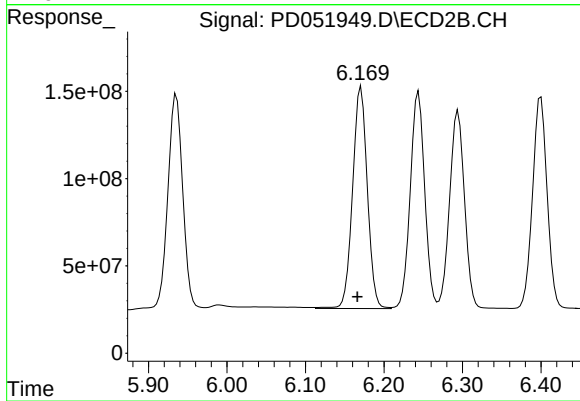
#9 Endosulfan I

R.T.: 6.295 min
Delta R.T.: 0.005 min
Response: 1503883115
Conc: 50.73 ng/ml



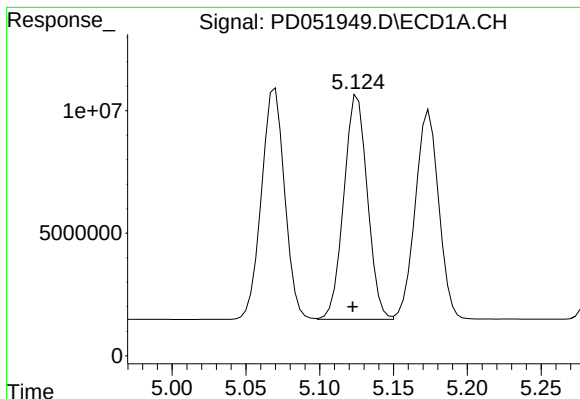
#10 gamma-Chlordane

R.T.: 5.070 min
Delta R.T.: 0.003 min
Response: 103099129
Conc: 50.88 ng/ml



#10 gamma-Chlordane

R.T.: 6.171 min
Delta R.T.: 0.005 min
Response: 1657591883
Conc: 51.83 ng/ml



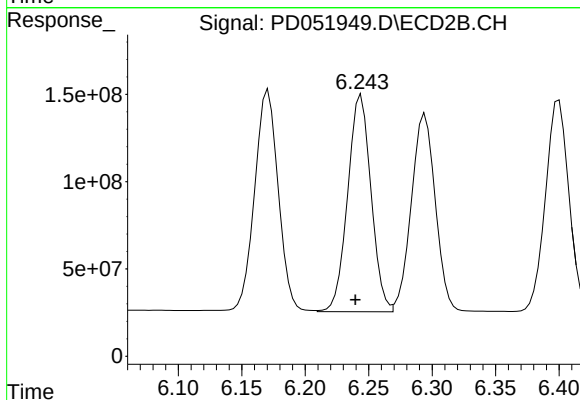
#11 alpha-Chlordane

R.T.: 5.126 min
Delta R.T.: 0.003 min
Response: 101572764
Conc: 50.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB118170BS

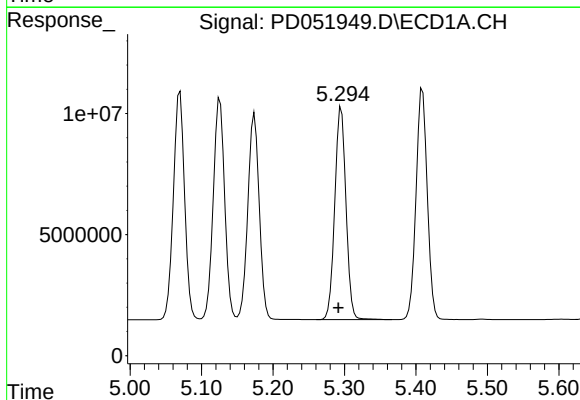
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:16 AM



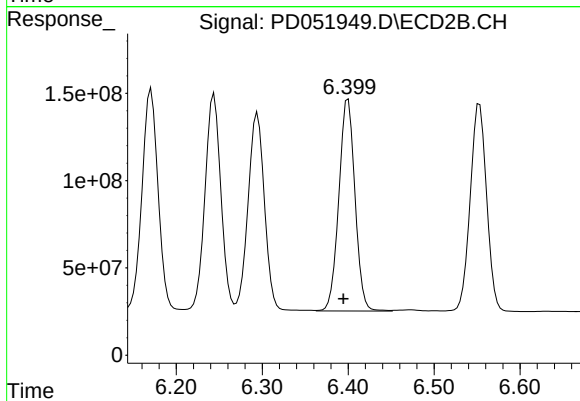
#11 alpha-Chlordane

R.T.: 6.244 min
Delta R.T.: 0.004 min
Response: 1588915055
Conc: 50.13 ng/ml



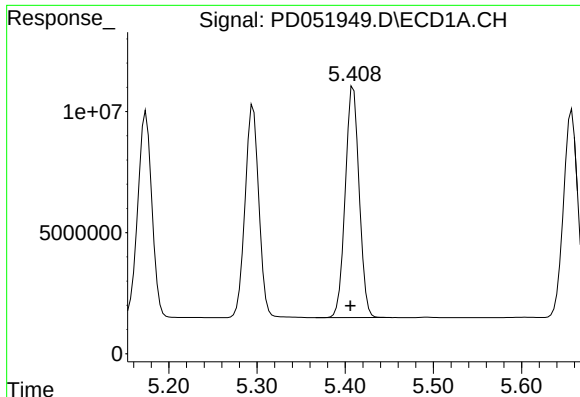
#12 4,4'-DDE

R.T.: 5.296 min
Delta R.T.: 0.004 min
Response: 95535869
Conc: 51.00 ng/ml



#12 4,4'-DDE

R.T.: 6.400 min
Delta R.T.: 0.005 min
Response: 1584545778
Conc: 51.23 ng/ml



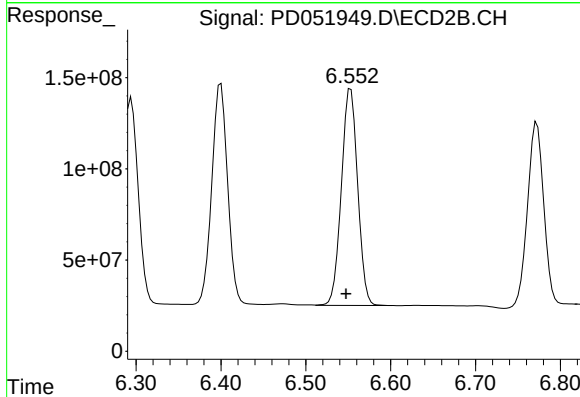
#13 Dieldrin

R.T.: 5.409 min
Delta R.T.: 0.003 min
Response: 104752851
Conc: 52.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB118170BS

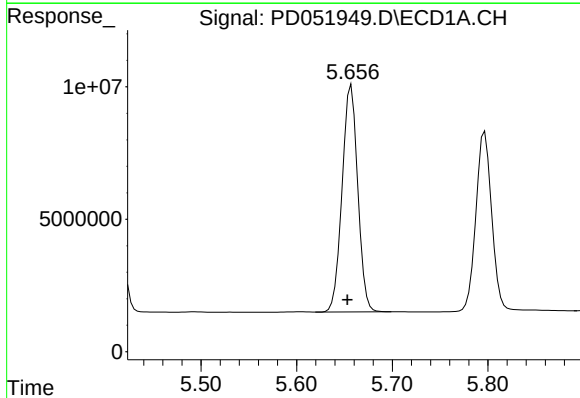
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:16 AM



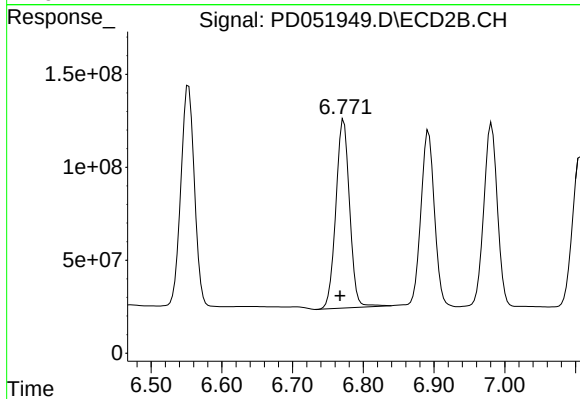
#13 Dieldrin

R.T.: 6.553 min
Delta R.T.: 0.005 min
Response: 1583148788
Conc: 51.31 ng/ml



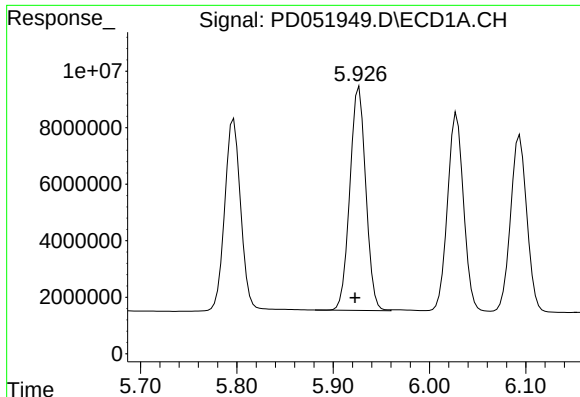
#14 Endrin

R.T.: 5.657 min
Delta R.T.: 0.004 min
Response: 97758331
Conc: 51.02 ng/ml



#14 Endrin

R.T.: 6.772 min
Delta R.T.: 0.005 min
Response: 1369688915
Conc: 52.45 ng/ml



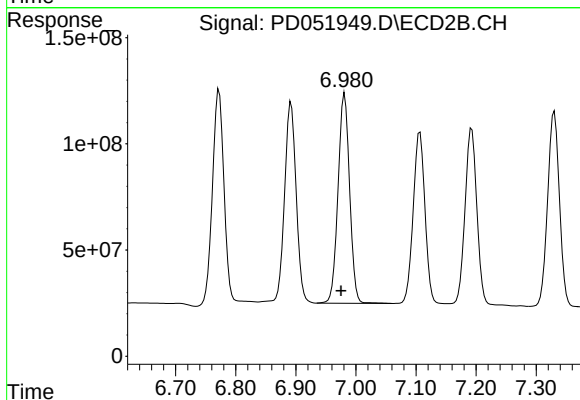
#15 Endosulfan II

R.T.: 5.927 min
Delta R.T.: 0.004 min
Response: 90633702
Conc: 50.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB118170BS

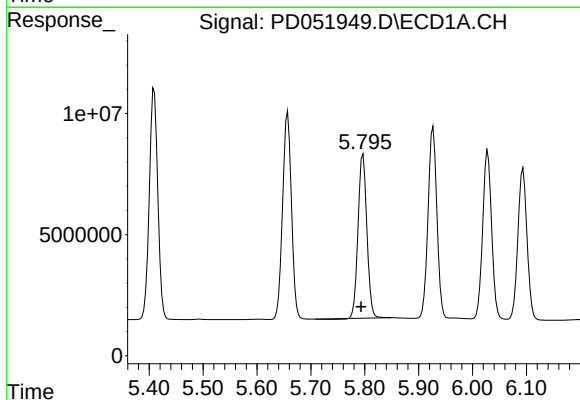
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:16 AM



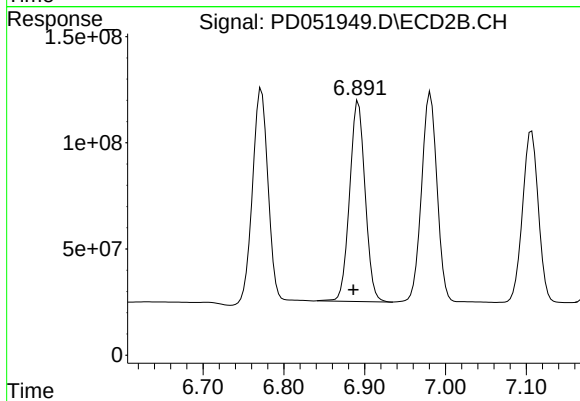
#15 Endosulfan II

R.T.: 6.981 min
Delta R.T.: 0.006 min
Response: 1321246236
Conc: 51.29 ng/ml



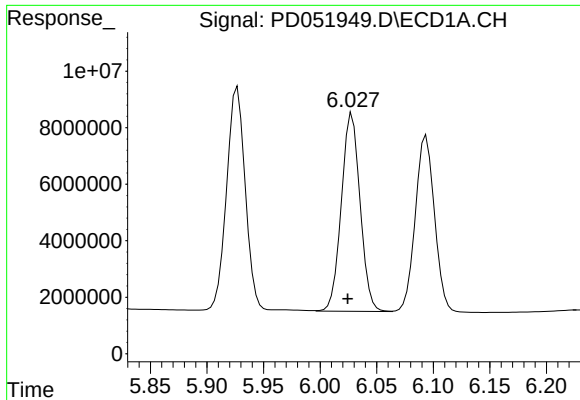
#16 4,4'-DDD

R.T.: 5.797 min
Delta R.T.: 0.003 min
Response: 76924114
Conc: 48.86 ng/ml



#16 4,4'-DDD

R.T.: 6.892 min
Delta R.T.: 0.006 min
Response: 1259282656
Conc: 51.27 ng/ml



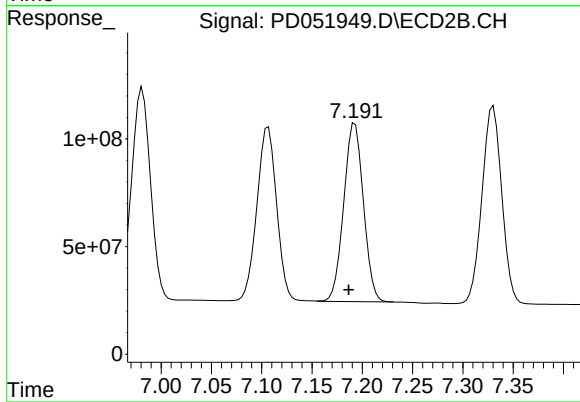
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: 0.004 min
Response: 80836414
Conc: 50.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB118170BS

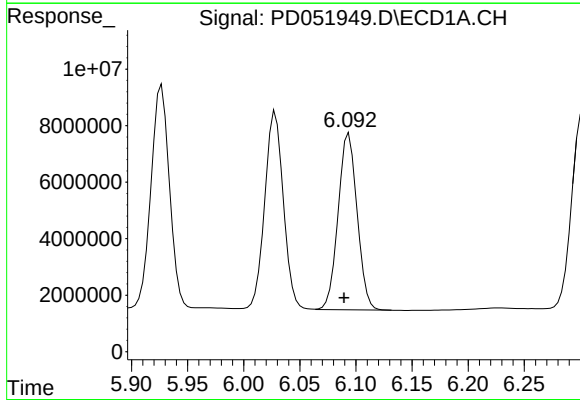
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:16 AM



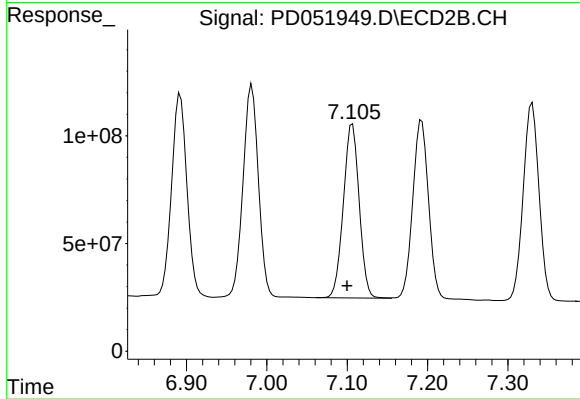
#17 4,4'-DDT

R.T.: 7.193 min
Delta R.T.: 0.006 min
Response: 1126896963
Conc: 55.63 ng/ml



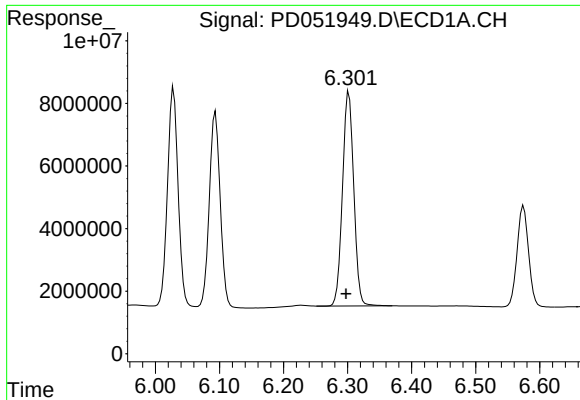
#18 Endrin aldehyde

R.T.: 6.094 min
Delta R.T.: 0.005 min
Response: 73640509
Conc: 49.78 ng/ml



#18 Endrin aldehyde

R.T.: 7.107 min
Delta R.T.: 0.007 min
Response: 1105669913
Conc: 51.57 ng/ml



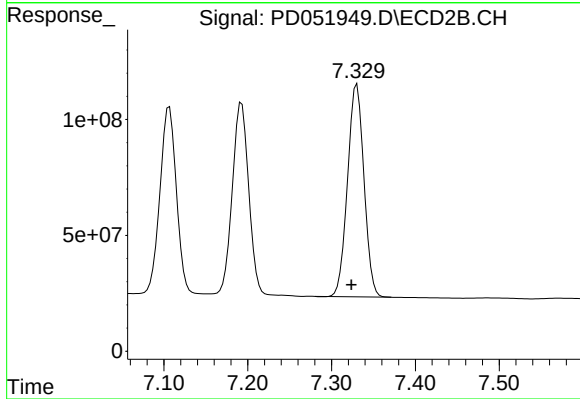
#19 Endosulfan Sulfate

R.T.: 6.302 min
Delta R.T.: 0.004 min
Response: 83510641
Conc: 50.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB118170BS

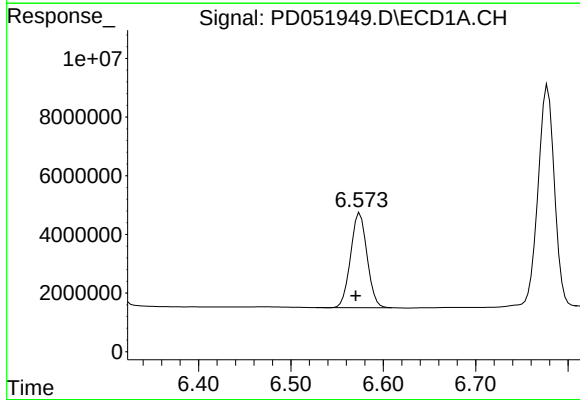
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:16 AM



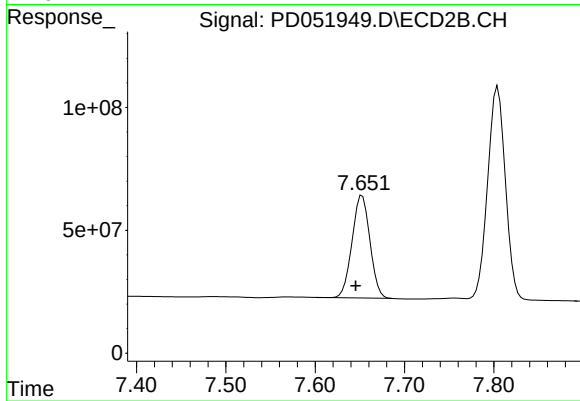
#19 Endosulfan Sulfate

R.T.: 7.330 min
Delta R.T.: 0.006 min
Response: 1253283195
Conc: 53.47 ng/ml



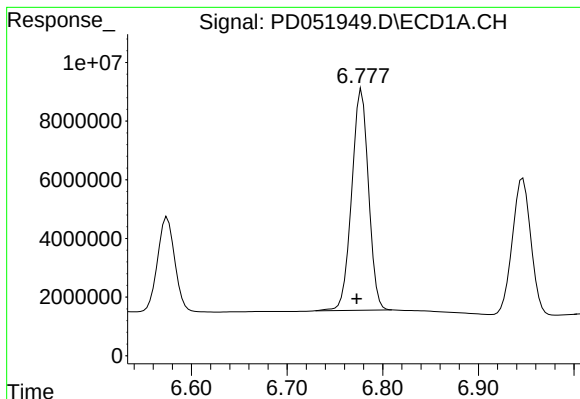
#20 Methoxychlor

R.T.: 6.575 min
Delta R.T.: 0.005 min
Response: 39993713
Conc: 45.03 ng/ml



#20 Methoxychlor

R.T.: 7.653 min
Delta R.T.: 0.007 min
Response: 581592814
Conc: 52.84 ng/ml



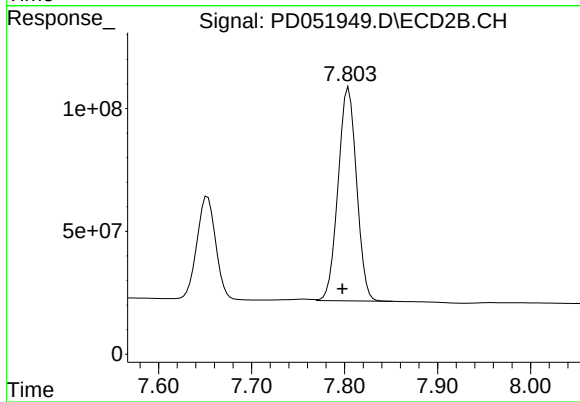
#21 Endrin ketone

R.T.: 6.778 min
Delta R.T.: 0.005 min
Response: 92424103
Conc: 49.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB118170BS

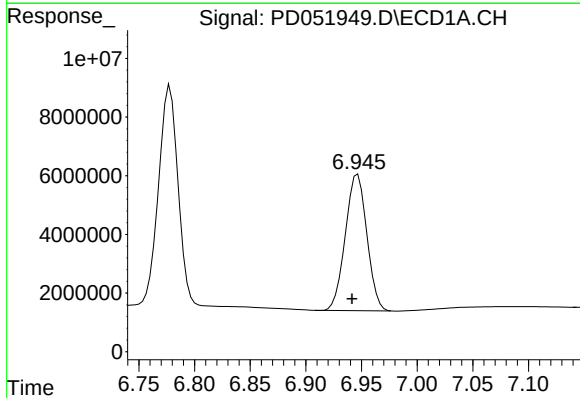
Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:16 AM



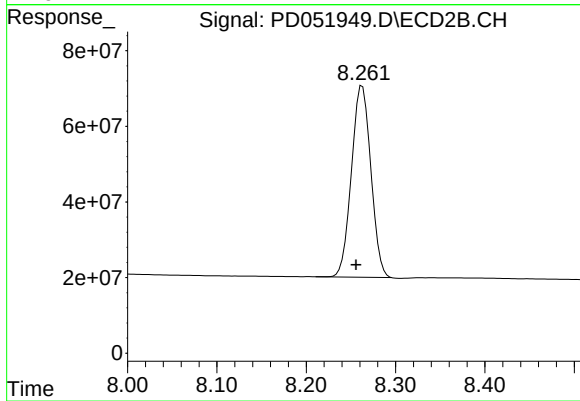
#21 Endrin ketone

R.T.: 7.804 min
Delta R.T.: 0.007 min
Response: 1199871192
Conc: 53.11 ng/ml



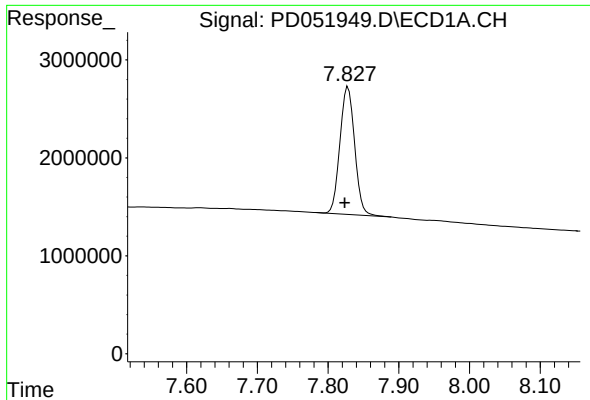
#22 Mirex

R.T.: 6.947 min
Delta R.T.: 0.005 min
Response: 62645136
Conc: 49.80 ng/ml



#22 Mirex

R.T.: 8.263 min
Delta R.T.: 0.007 min
Response: 764574541
Conc: 49.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.828 min

Delta R.T.: 0.005 min

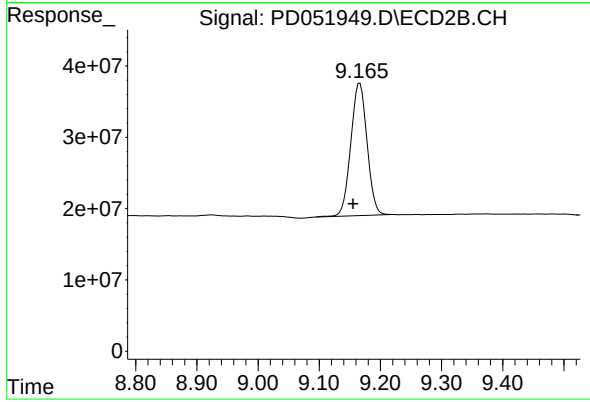
Response: 18843390

Conc: 16.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB118170BS

Manual Integrations
APPROVED

Sohil
3/23/2019 9:35:16 AM



#28 Decachlorobiphenyl

R.T.: 9.166 min

Delta R.T.: 0.011 min

Response: 342593826

Conc: 18.75 ng/ml