

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031819\
 Data File : PD051861.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Mar 2019 19:26
 Operator : AJ\SJ
 Sample : K1948-08MSD
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 INV-025-SW02-031319MSD

Manual Integrations
 APPROVED

Sohil
 3/19/2019 9:34:25 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 02:39:04 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	4.043	28431441	529.8E6	21.443	18.476
28)	SA Decachlor...	7.821	9.155	17296446	265.2E6	15.217	14.517
Target Compounds							
2)	A alpha-BHC	3.643	4.436	108.8E6	1916.8E6	49.556	43.932
3)	MA gamma-BHC...	3.911	4.723	102.4E6	1741.1E6	49.018	43.960
4)	MA Heptachlor	4.188	5.236	104.0E6	1692.6E6	48.482	44.135
5)	MB Aldrin	4.420	5.543	99684085	1569.3E6	48.969	43.814
6)	B beta-BHC	4.156	4.892	42540721	770.8E6	48.315	42.884
7)	B delta-BHC	4.345	5.112	99842905	1248.5E6	49.236	36.329 #
8)	B Heptachlo...	4.847	5.930	95766868	1275.2E6	48.711	39.769
9)	A Endosulfan I	5.169	6.289	90509808	1324.9E6	48.838	44.692
10)	B gamma-Chl...	5.064	6.166	98499782	1303.3E6	48.609	40.754
11)	B alpha-Chl...	5.120	6.238	97518349	1388.6E6	48.522	43.813
12)	B 4,4'-DDE	5.290	6.394	94510997	1375.5E6	50.450	44.470
13)	MA Dieldrin	5.404	6.547	99289398	1377.6E6	49.390	44.648
14)	MA Endrin	5.651	6.766	90952571	1130.6E6	47.472	43.299
15)	B Endosulfa...	5.921	6.974	85608202	978.2E6	47.504	37.976m
16)	A 4,4'-DDD	5.790	6.884	74988076	1069.9E6	47.629m	43.558m
17)	MA 4,4'-DDT	6.022	7.186	76889273	943.7E6	48.125	46.585
18)	B Endrin al...	6.087	7.100	69173234	927.0E6	46.764	43.235
19)	B Endosulfa...	6.295	7.324	76059503	1040.9E6	46.004	44.406
20)	A Methoxychlor	6.568	7.645	40160965	484.5E6	45.223	44.013
21)	B Endrin ke...	6.771	7.797	85368264	994.9E6	46.117	44.039
22)	Mirex	6.940	8.255	57210210	646.9E6	45.479	41.804

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031819\
Data File : PD051861.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Mar 2019 19:26
Operator : AJ\SJ
Sample : K1948-08MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

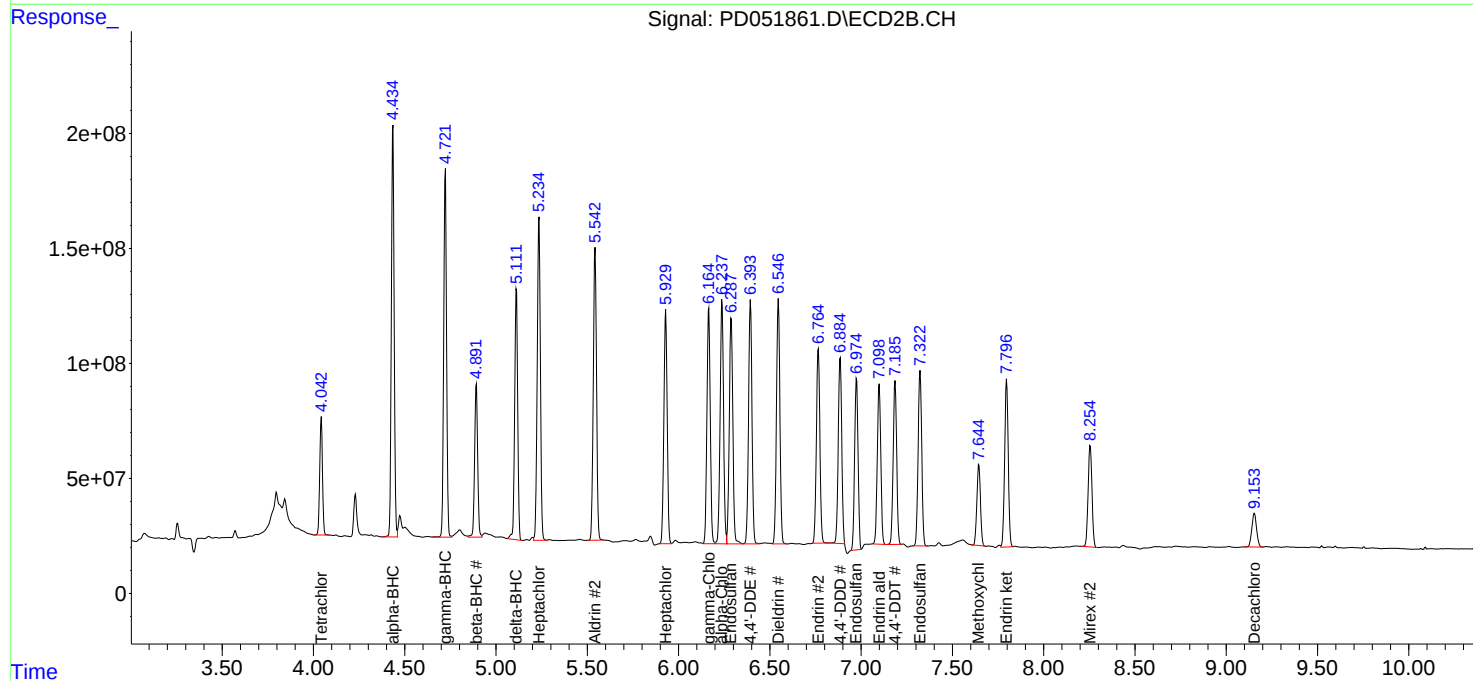
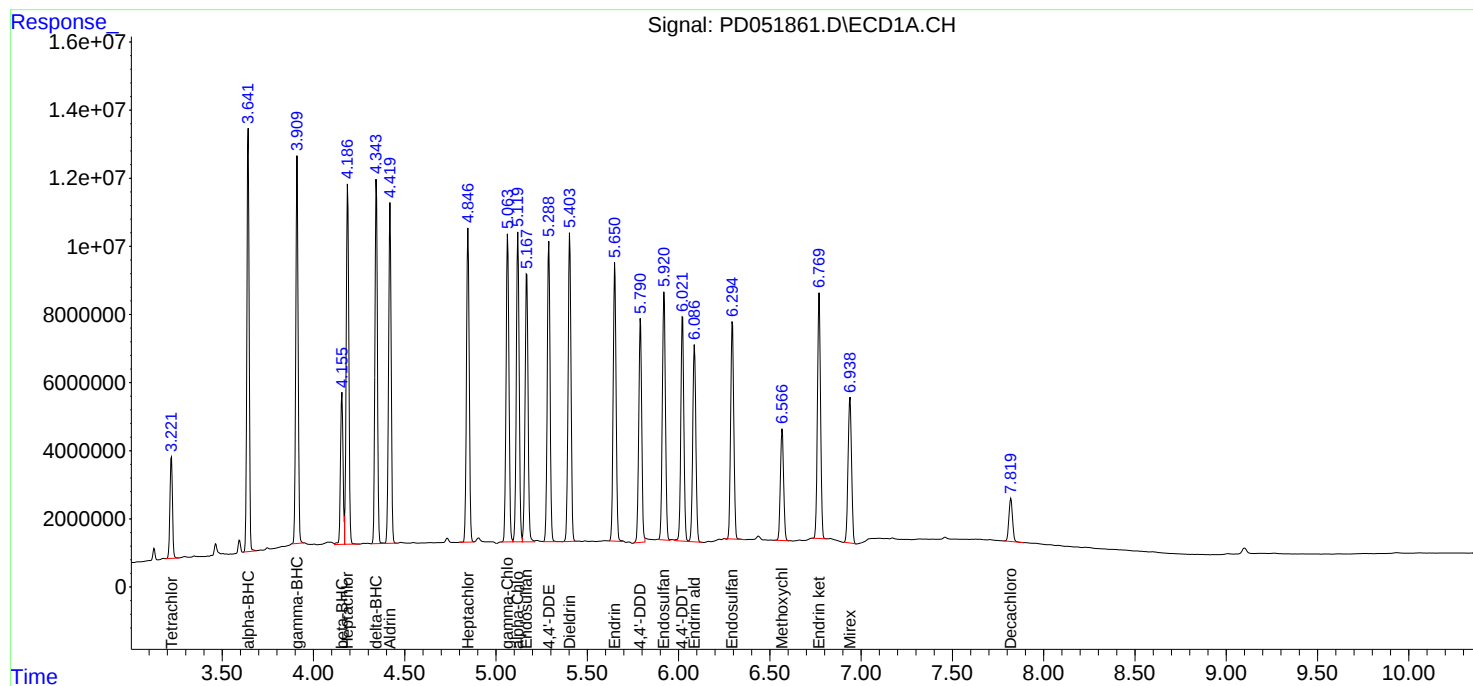
Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MSD

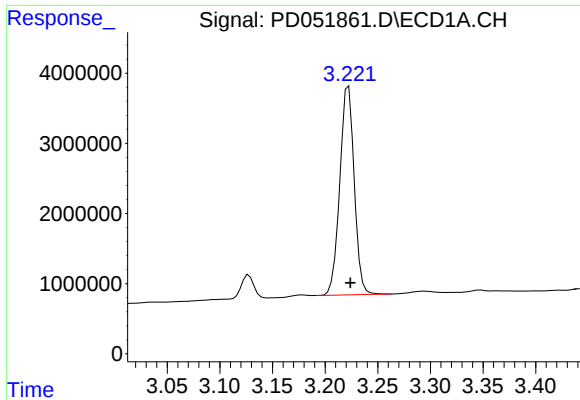
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:25 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 02:39:04 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





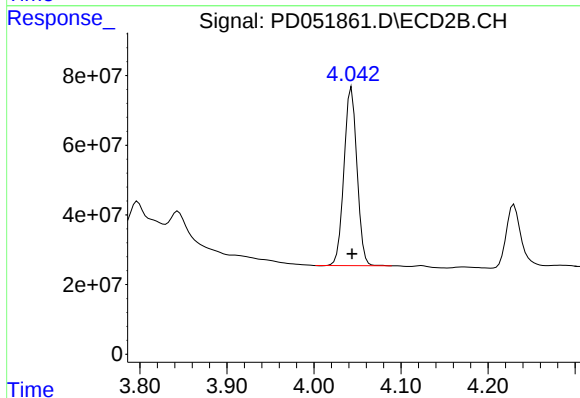
#1 Tetrachloro-m-xylene

R.T.: 3.222 min
Delta R.T.: -0.002 min
Response: 28431441
Conc: 21.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MSD

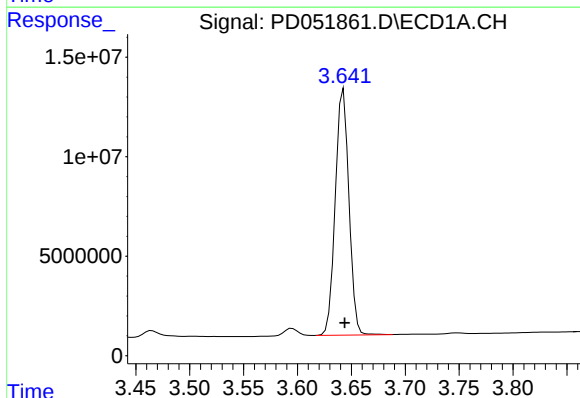
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:25 AM



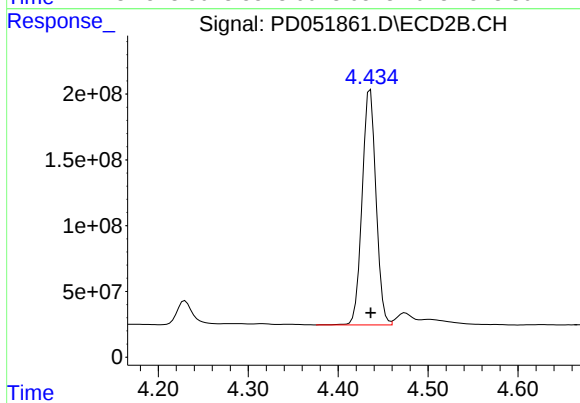
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 529838014
Conc: 18.48 ng/ml



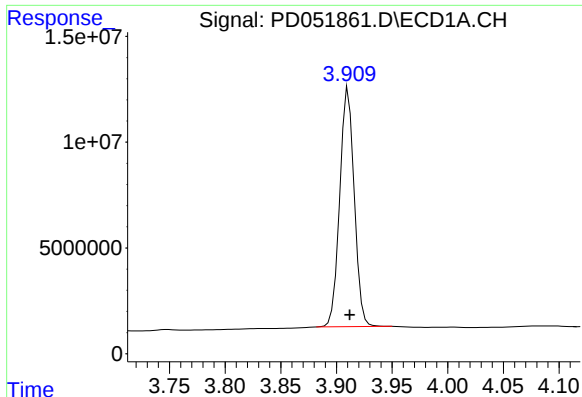
#2 alpha-BHC

R.T.: 3.643 min
Delta R.T.: -0.001 min
Response: 108785326
Conc: 49.56 ng/ml



#2 alpha-BHC

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 1916776595
Conc: 43.93 ng/ml



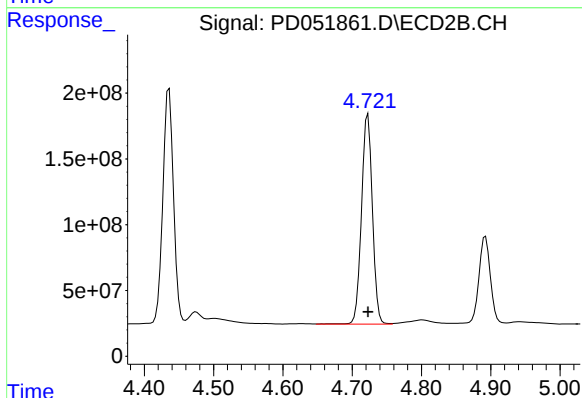
#3 gamma-BHC (Lindane)

R.T.: 3.911 min
Delta R.T.: -0.001 min
Response: 102412546
Conc: 49.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MSD

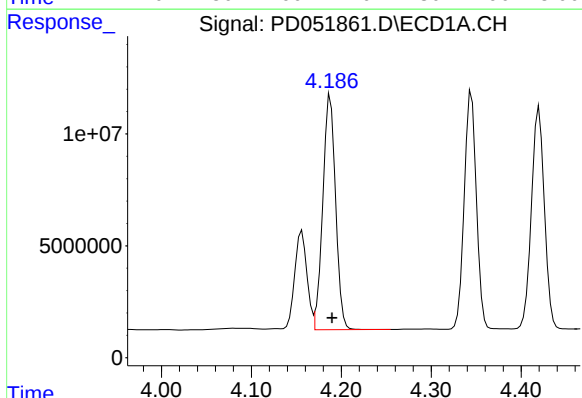
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:25 AM



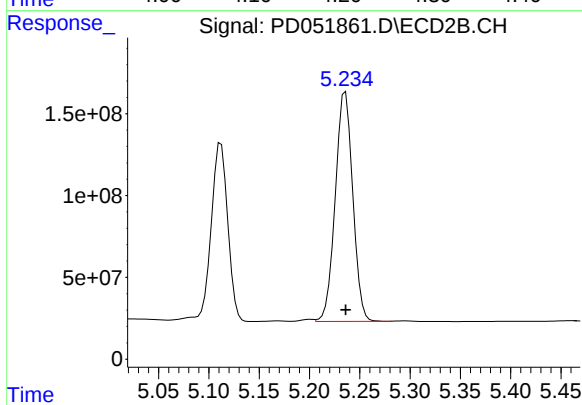
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 1741130723
Conc: 43.96 ng/ml



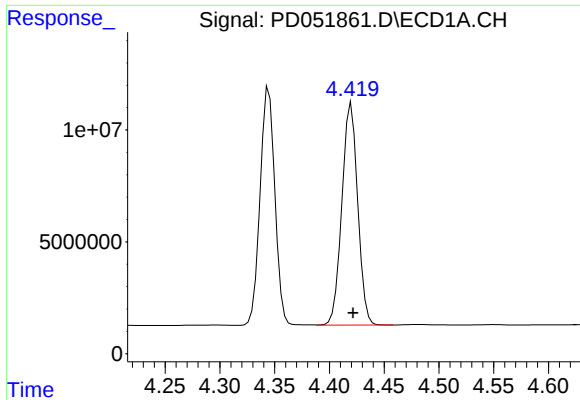
#4 Heptachlor

R.T.: 4.188 min
Delta R.T.: -0.002 min
Response: 104013232
Conc: 48.48 ng/ml



#4 Heptachlor

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 1692560000
Conc: 44.14 ng/ml



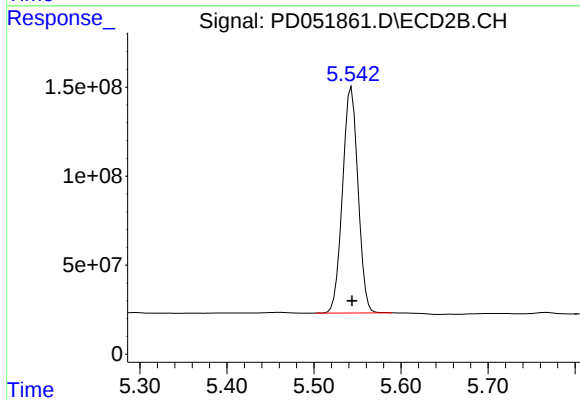
#5 Aldrin

R.T.: 4.420 min
Delta R.T.: -0.002 min
Response: 99684085
Conc: 48.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MSD

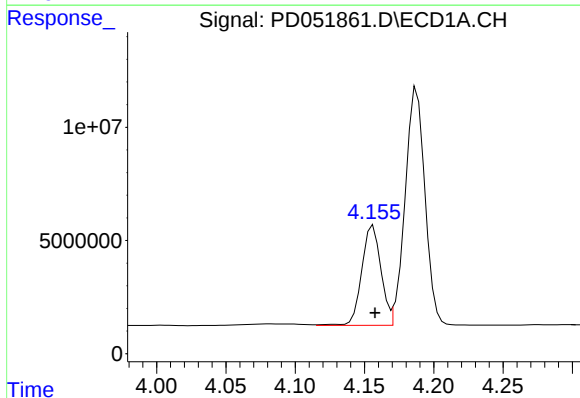
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:25 AM



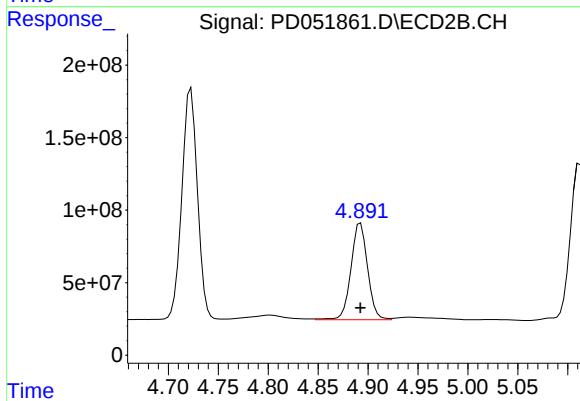
#5 Aldrin

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 1569316010
Conc: 43.81 ng/ml



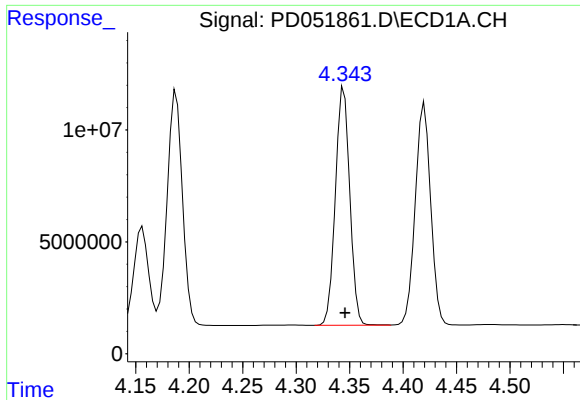
#6 beta-BHC

R.T.: 4.156 min
Delta R.T.: -0.001 min
Response: 42540721
Conc: 48.32 ng/ml



#6 beta-BHC

R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 770776387
Conc: 42.88 ng/ml



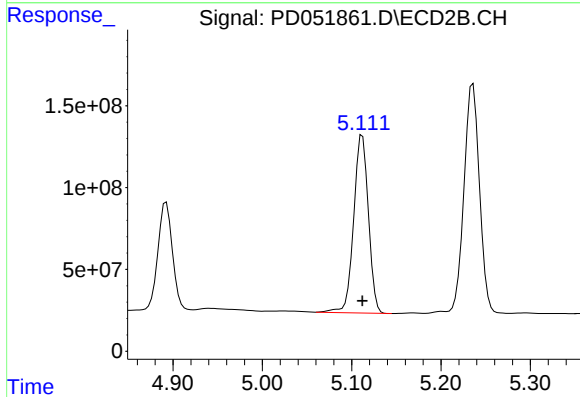
#7 delta-BHC

R.T.: 4.345 min
Delta R.T.: -0.001 min
Response: 99842905
Conc: 49.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MSD

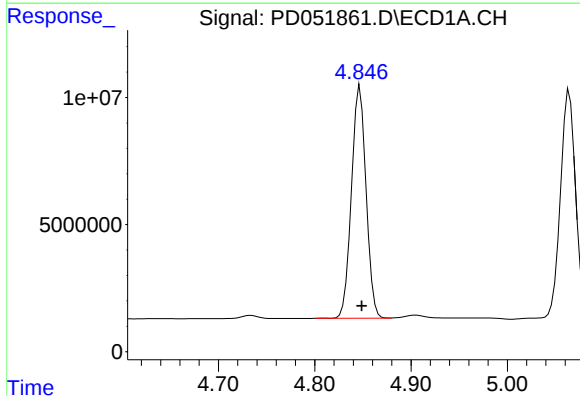
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:25 AM



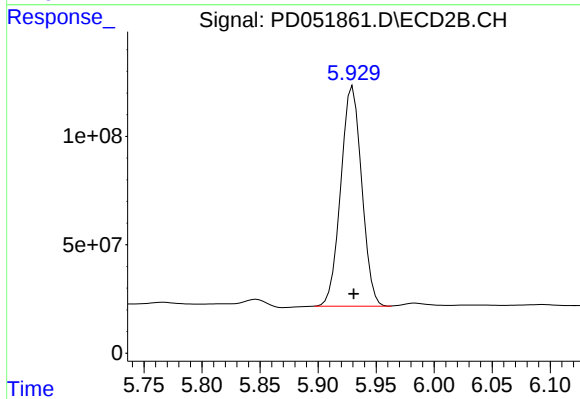
#7 delta-BHC

R.T.: 5.112 min
Delta R.T.: 0.000 min
Response: 1248483600
Conc: 36.33 ng/ml



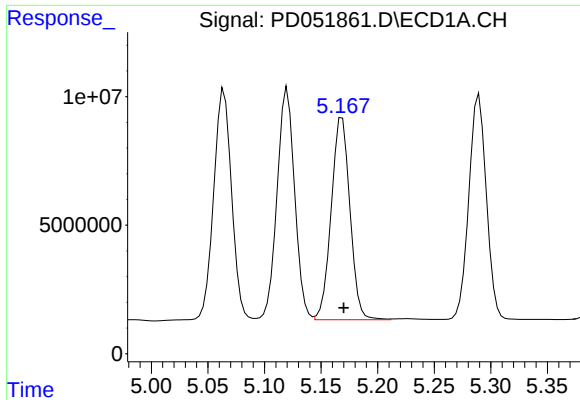
#8 Heptachlor epoxide

R.T.: 4.847 min
Delta R.T.: -0.002 min
Response: 95766868
Conc: 48.71 ng/ml



#8 Heptachlor epoxide

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 1275203775
Conc: 39.77 ng/ml



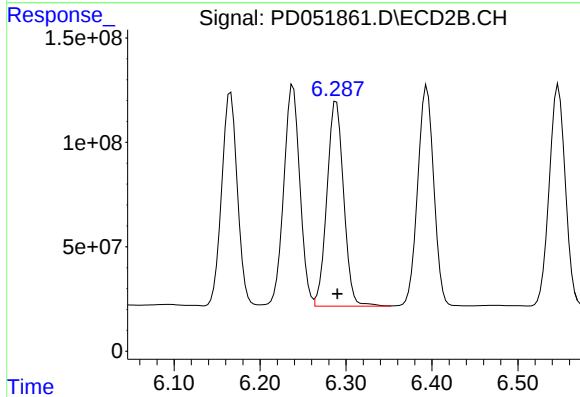
#9 Endosulfan I

R.T.: 5.169 min
Delta R.T.: -0.001 min
Response: 90509808
Conc: 48.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MSD

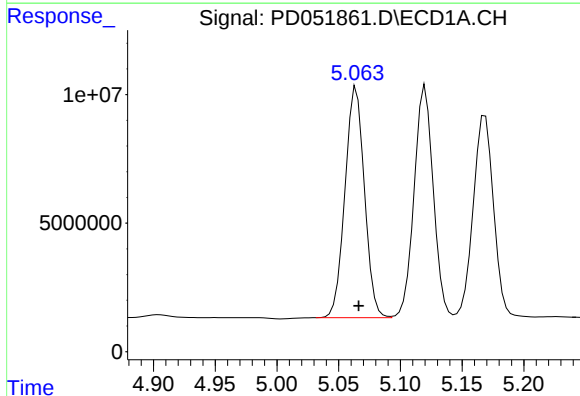
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:25 AM



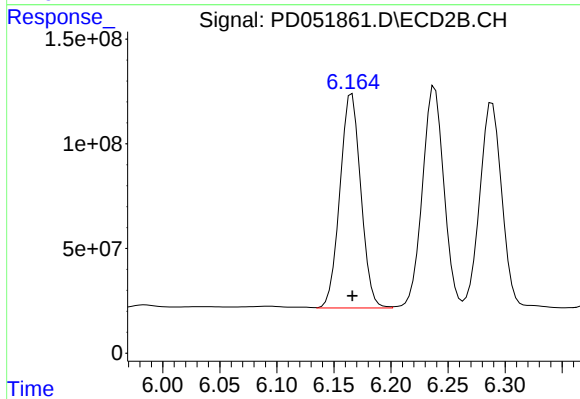
#9 Endosulfan I

R.T.: 6.289 min
Delta R.T.: -0.001 min
Response: 1324923674
Conc: 44.69 ng/ml



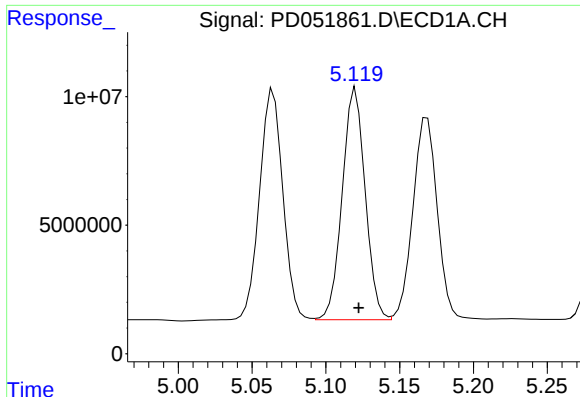
#10 gamma-Chlordane

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 98499782
Conc: 48.61 ng/ml



#10 gamma-Chlordane

R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 1303282674
Conc: 40.75 ng/ml



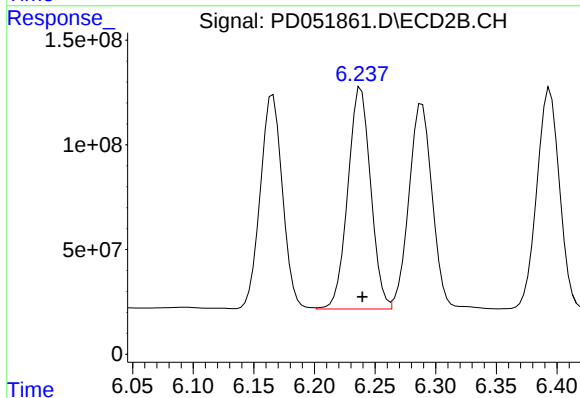
#11 alpha-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 97518349
Conc: 48.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MSD

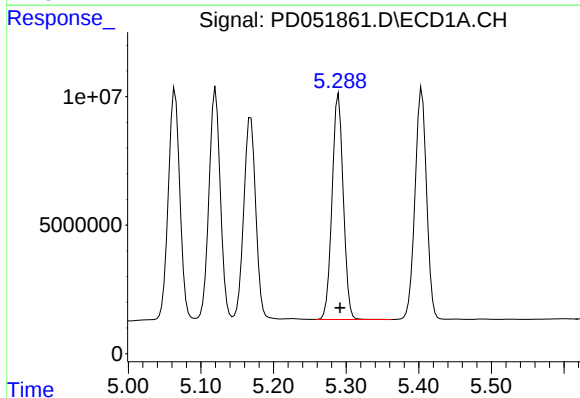
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:25 AM



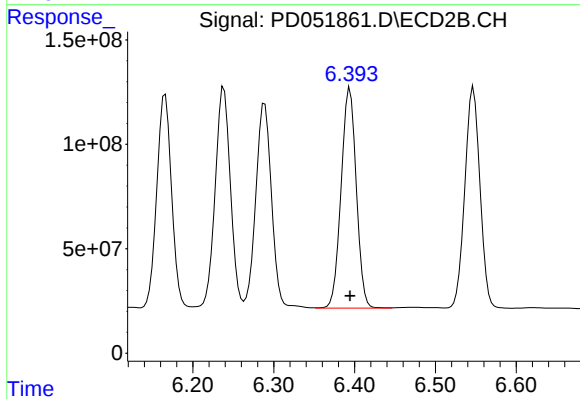
#11 alpha-Chlordane

R.T.: 6.238 min
Delta R.T.: -0.001 min
Response: 1388585115
Conc: 43.81 ng/ml



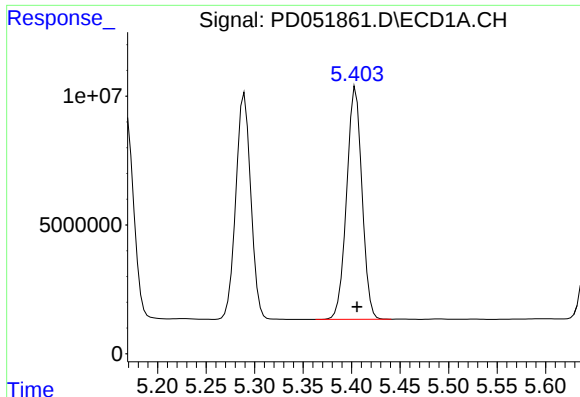
#12 4,4'-DDE

R.T.: 5.290 min
Delta R.T.: -0.002 min
Response: 94510997
Conc: 50.45 ng/ml



#12 4,4'-DDE

R.T.: 6.394 min
Delta R.T.: 0.000 min
Response: 1375454543
Conc: 44.47 ng/ml



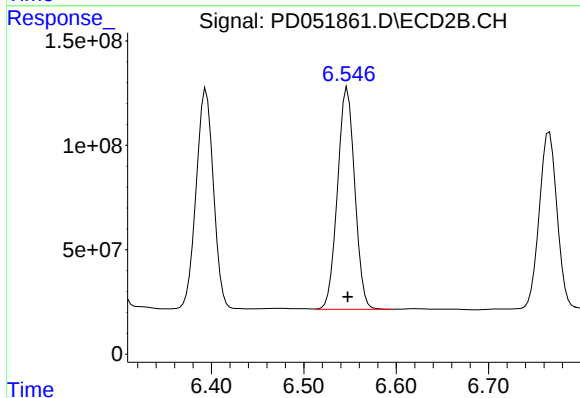
#13 Dieldrin

R.T.: 5.404 min
Delta R.T.: -0.001 min
Response: 99289398
Conc: 49.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MSD

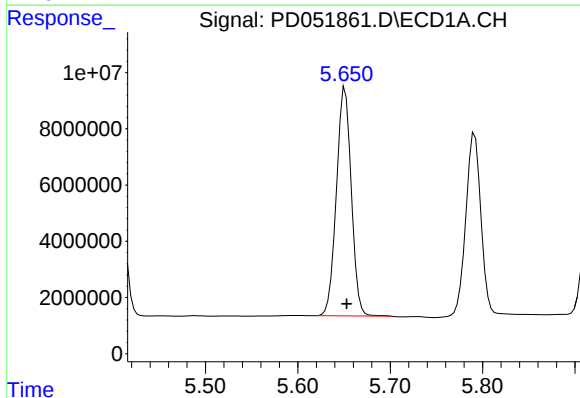
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:25 AM



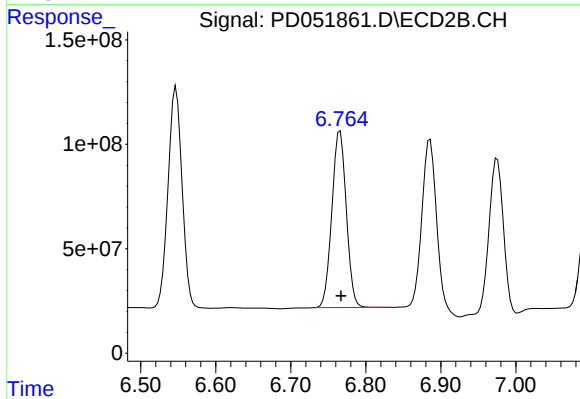
#13 Dieldrin

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 1377649603
Conc: 44.65 ng/ml



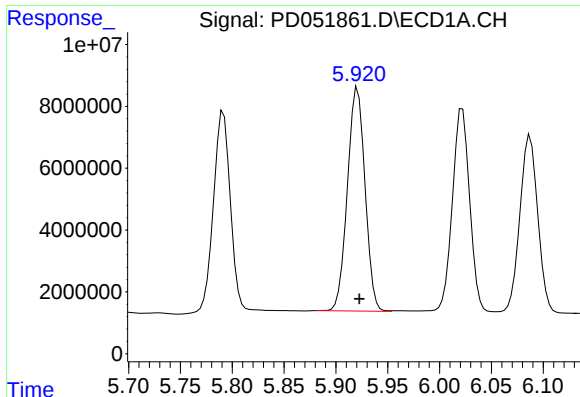
#14 Endrin

R.T.: 5.651 min
Delta R.T.: -0.002 min
Response: 90952571
Conc: 47.47 ng/ml



#14 Endrin

R.T.: 6.766 min
Delta R.T.: -0.001 min
Response: 1130622666
Conc: 43.30 ng/ml



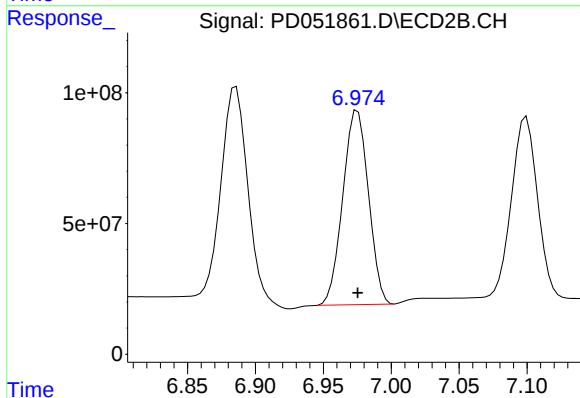
#15 Endosulfan II

R.T.: 5.921 min
Delta R.T.: -0.002 min
Response: 85608202
Conc: 47.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MSD

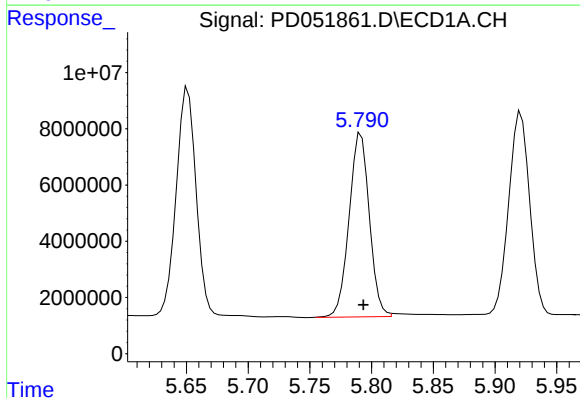
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:25 AM



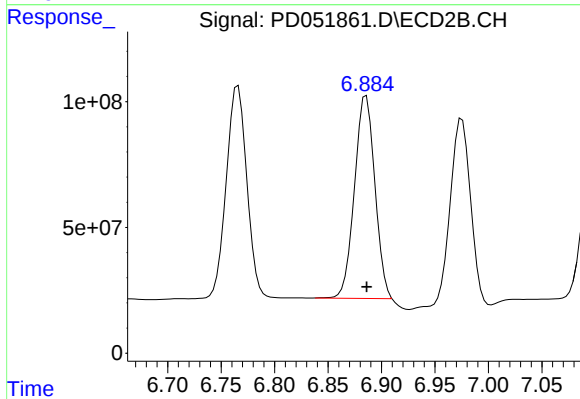
#15 Endosulfan II

R.T.: 6.974 min
Delta R.T.: -0.001 min
Response: 978230568
Conc: 37.98 ng/ml m



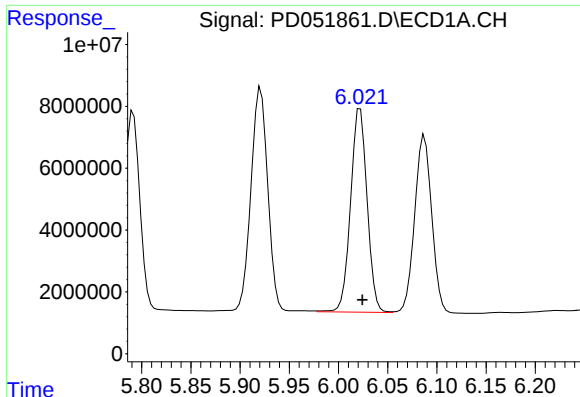
#16 4,4'-DDD

R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 74988076
Conc: 47.63 ng/ml m



#16 4,4'-DDD

R.T.: 6.884 min
Delta R.T.: -0.002 min
Response: 1069862542
Conc: 43.56 ng/ml m



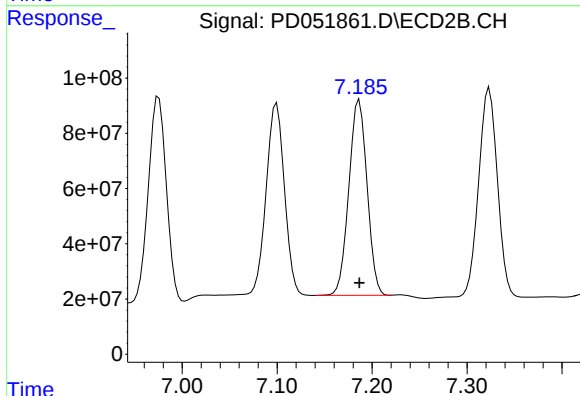
#17 4,4'-DDT

R.T.: 6.022 min
Delta R.T.: -0.002 min
Response: 76889273
Conc: 48.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MSD

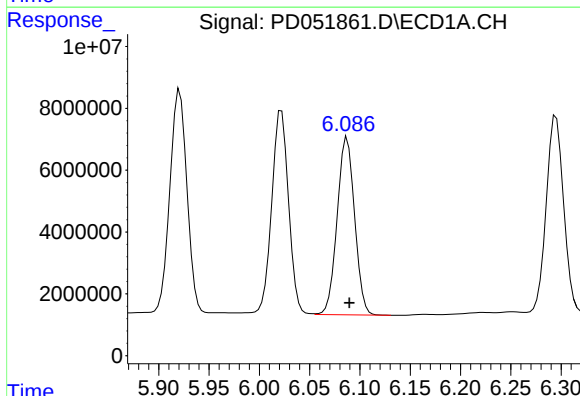
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:25 AM



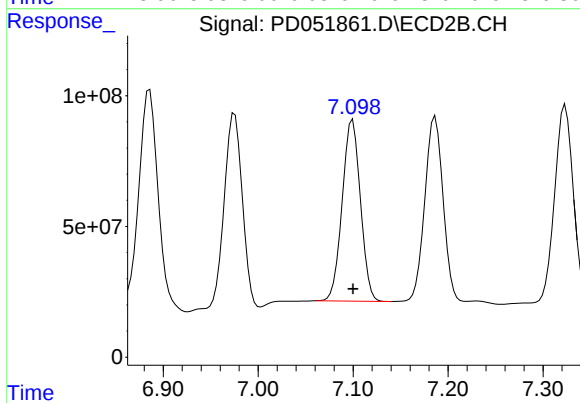
#17 4,4'-DDT

R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 943658266
Conc: 46.58 ng/ml



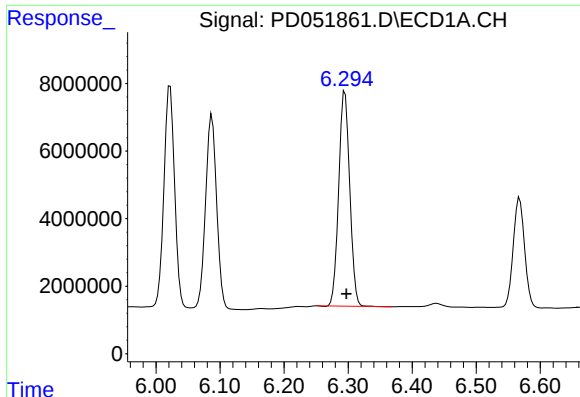
#18 Endrin aldehyde

R.T.: 6.087 min
Delta R.T.: -0.002 min
Response: 69173234
Conc: 46.76 ng/ml



#18 Endrin aldehyde

R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 926985633
Conc: 43.24 ng/ml



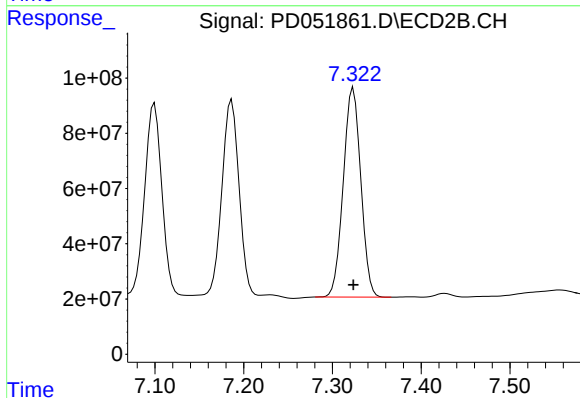
#19 Endosulfan Sulfate

R.T.: 6.295 min
Delta R.T.: -0.003 min
Response: 76059503
Conc: 46.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MSD

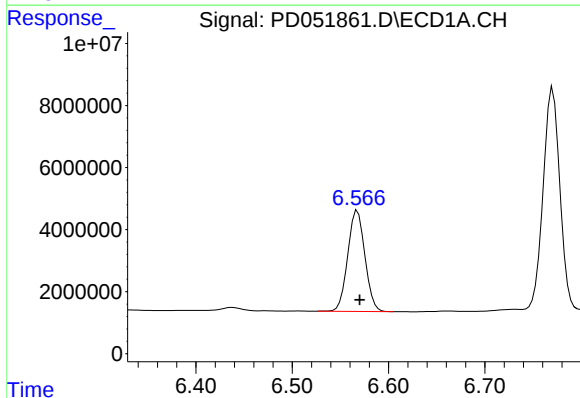
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:25 AM



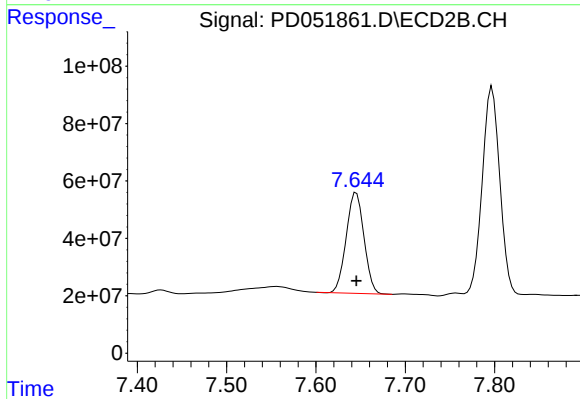
#19 Endosulfan Sulfate

R.T.: 7.324 min
Delta R.T.: 0.000 min
Response: 1040901705
Conc: 44.41 ng/ml



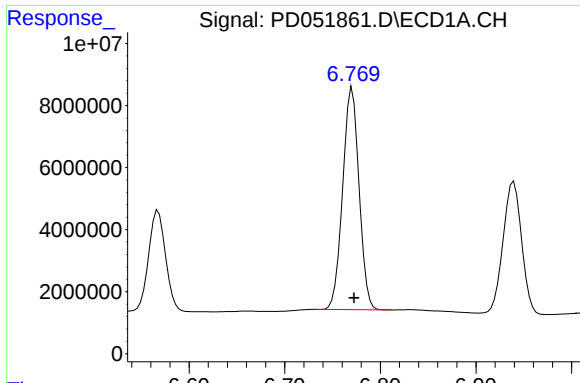
#20 Methoxychlor

R.T.: 6.568 min
Delta R.T.: -0.002 min
Response: 40160965
Conc: 45.22 ng/ml



#20 Methoxychlor

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 484450036
Conc: 44.01 ng/ml



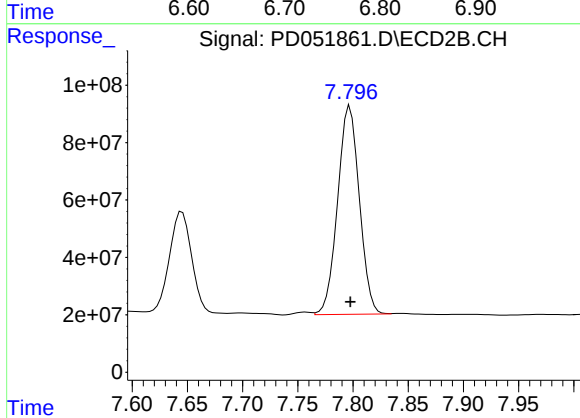
#21 Endrin ketone

R.T.: 6.771 min
Delta R.T.: -0.002 min
Response: 85368264
Conc: 46.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MSD

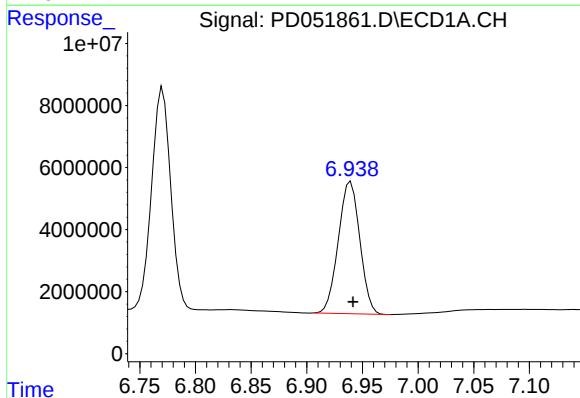
Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:25 AM



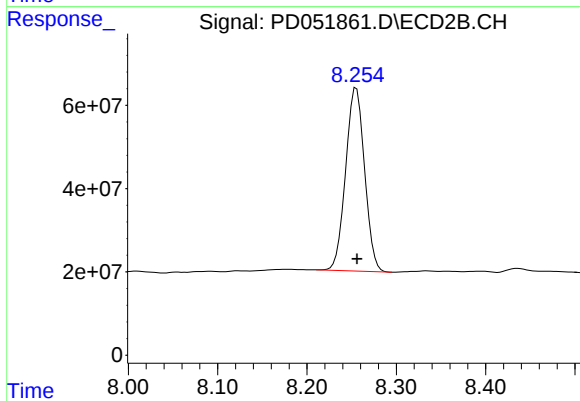
#21 Endrin ketone

R.T.: 7.797 min
Delta R.T.: 0.000 min
Response: 994935818
Conc: 44.04 ng/ml



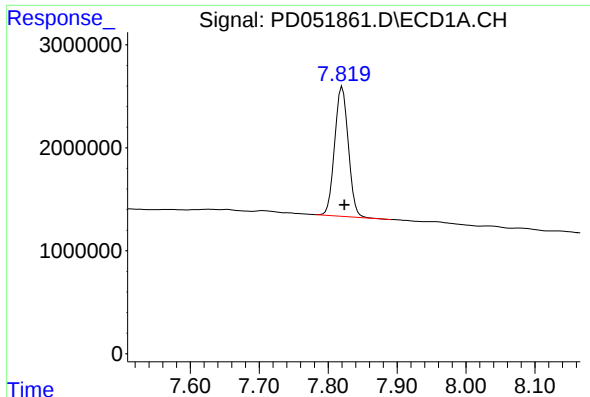
#22 Mirex

R.T.: 6.940 min
Delta R.T.: -0.002 min
Response: 57210210
Conc: 45.48 ng/ml



#22 Mirex

R.T.: 8.255 min
Delta R.T.: 0.000 min
Response: 646907879
Conc: 41.80 ng/ml



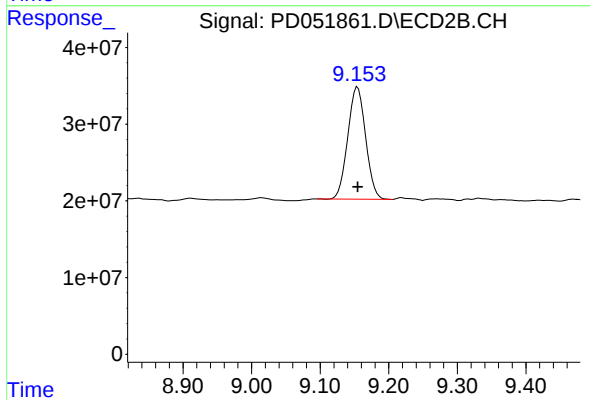
#28 Decachlorobiphenyl

R.T.: 7.821 min
Delta R.T.: -0.003 min
Response: 17296446
Conc: 15.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
INV-025-SW02-031319MSD

Manual Integrations
APPROVED

Sohil
3/19/2019 9:34:25 AM



#28 Decachlorobiphenyl

R.T.: 9.155 min
Delta R.T.: 0.000 min
Response: 265187213
Conc: 14.52 ng/ml