

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092319\
 Data File : PL052675.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2019 18:06
 Operator : SG\AJ
 Sample : K4980-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SAND-STOCKPILE-1MS

Manual Integrations
 APPROVED

Ankita
 9/24/2019 12:21:21 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 01:10:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091719.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 17 11:25:25 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.552	4.048	149.3E6	53677413	19.147	24.635 #
28)	SA Decachlor...	8.352	9.126	152.0E6	48313209	17.382	20.175
Target Compounds							
2)	A alpha-BHC	3.997	4.439	751.9E6	179.2E6	62.544	58.611
3)	MA gamma-BHC...	4.285	4.724	671.6E6	188.9E6	59.358	65.436
4)	MA Heptachlor	4.595	5.235	643.6E6	184.5E6	56.961	62.862
5)	MB Aldrin	4.847	5.540	608.5E6	172.7E6	56.351	65.212
6)	B beta-BHC	4.534	4.893	266.6E6	82303069	54.473	61.712
7)	B delta-BHC	4.744	5.110	577.6E6	158.7E6	51.110	55.427
8)	B Heptachlo...	5.295	5.926	560.9E6	154.0E6	54.893	58.722
9)	A Endosulfan I	5.638	6.283	591.2E6	126.6E6	60.600	54.315
10)	B gamma-Chl...	5.524	6.160	614.4E6	167.5E6	57.850	65.845
11)	B alpha-Chl...	5.583	6.233	556.5E6	148.0E6	53.830	59.240
12)	B 4,4'-DDE	5.747	6.388	496.5E6	144.0E6	53.207	59.077
13)	MA Dieldrin	5.880	6.540	624.5E6	152.8E6	60.247m	62.563
14)	MA Endrin	6.141	6.758	487.3E6	121.6E6	58.944	62.832
15)	B Endosulfa...	6.414	6.966	490.3E6	128.9E6	50.549	57.741
16)	A 4,4'-DDD	6.265	6.878	400.9E6	129.8E6	52.339	70.459 #
17)	MA 4,4'-DDT	6.508	7.175	451.6E6	117.8E6	58.189	64.379m
18)	B Endrin al...	6.582	7.089	365.1E6	105.2E6	47.215m	56.736
19)	B Endosulfa...	6.796	7.311	411.7E6	120.7E6	49.639	58.776m
20)	A Methoxychlor	7.054	7.634	214.8E6	60521580	53.134	59.726
21)	B Endrin ke...	7.290	7.784	462.8E6	119.0E6	44.573	53.579
22)	Mirex	7.486	8.239	328.9E6	95319258	43.007m	55.695 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092319\
 Data File : PL052675.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2019 18:06
 Operator : SG\AJ
 Sample : K4980-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

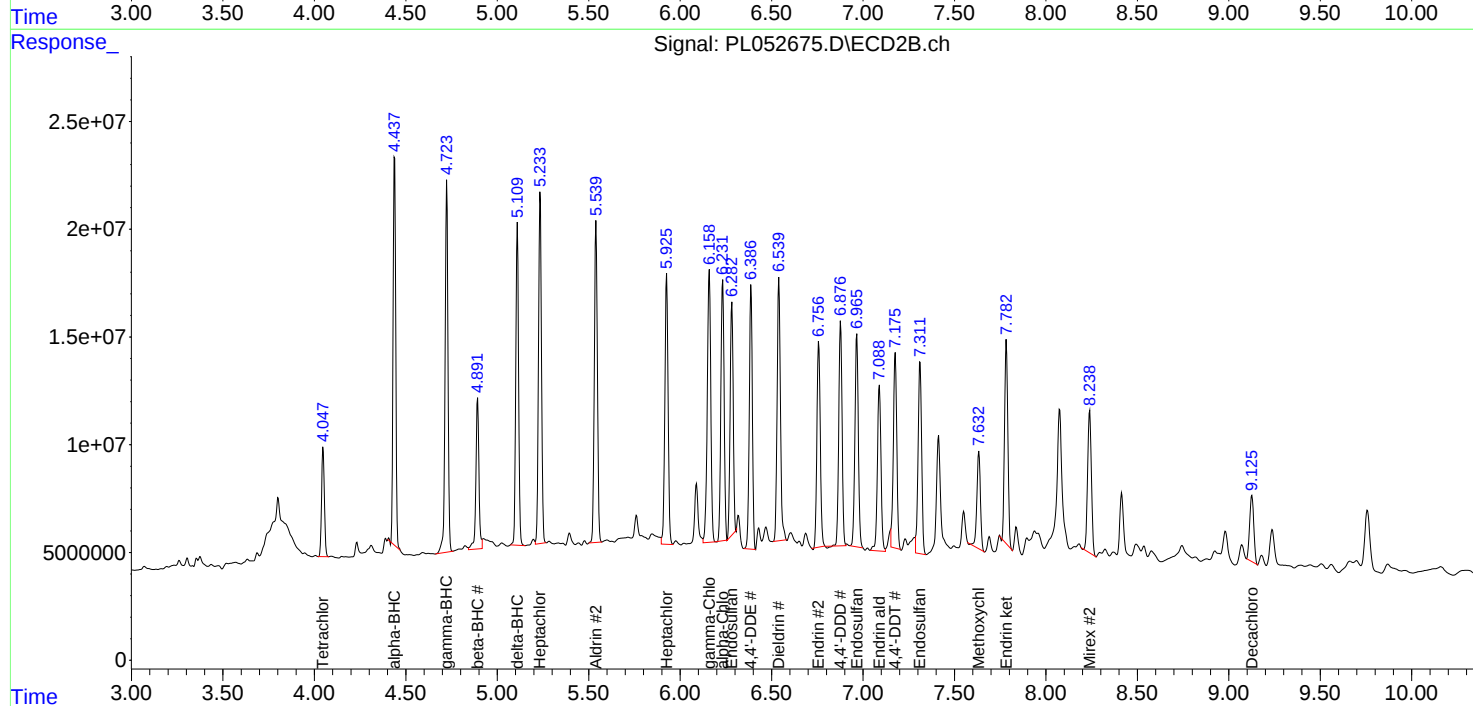
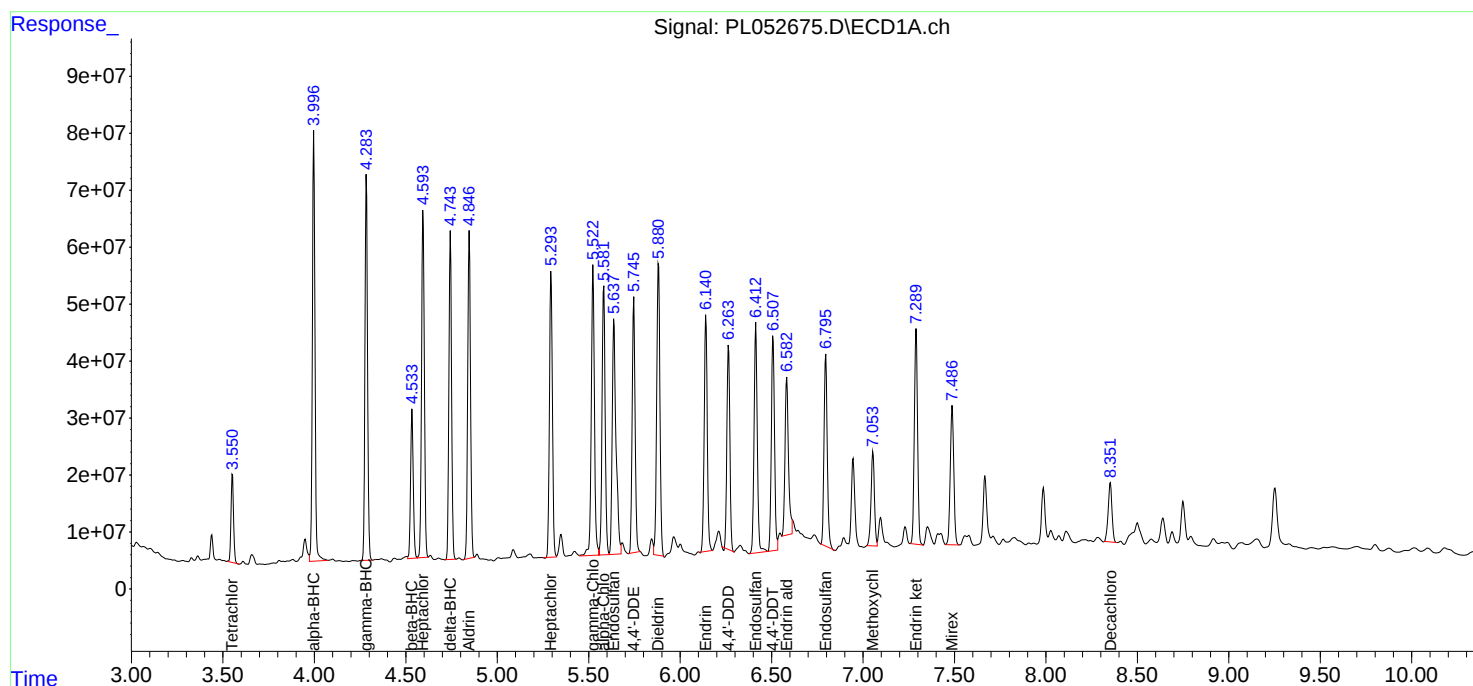
Instrument :
 ECD_L
 ClientSampleId :
 SAND-STOCKPILE-1MS

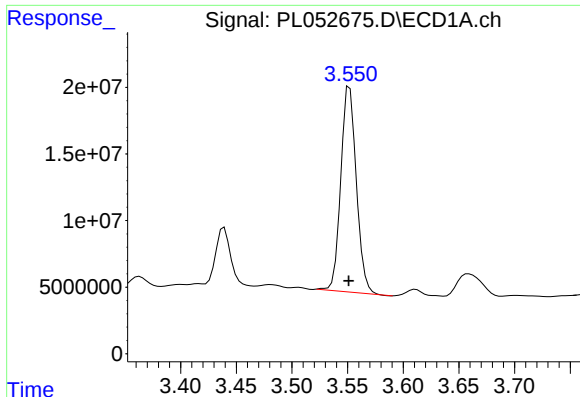
Manual Integrations
 APPROVED

Ankita
 9/24/2019 12:21:21 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 01:10:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091719.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 17 11:25:25 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





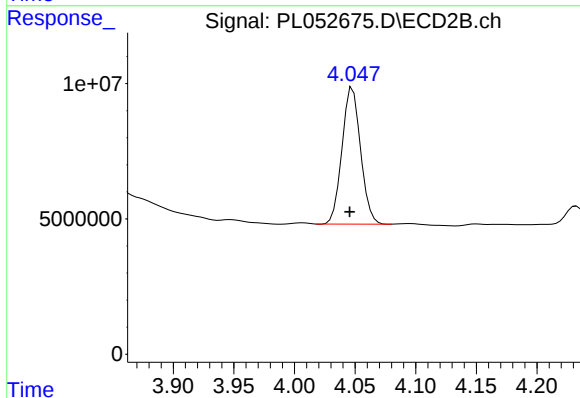
#1 Tetrachloro-m-xylene

R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 149305003
Conc: 19.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MS

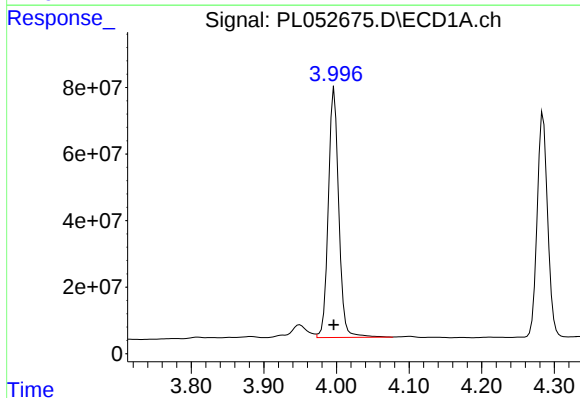
Manual Integrations
APPROVED

Ankita
9/24/2019 12:21:21 PM



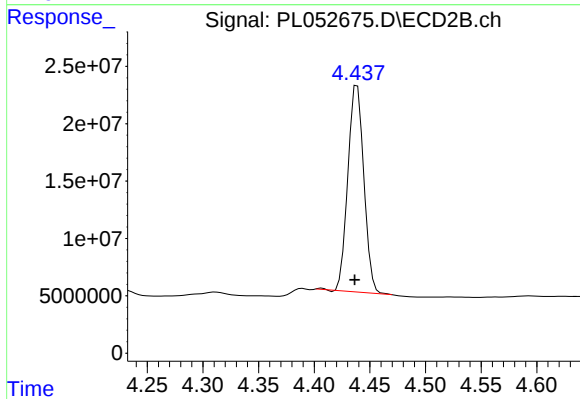
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: 0.003 min
Response: 53677413
Conc: 24.63 ng/ml



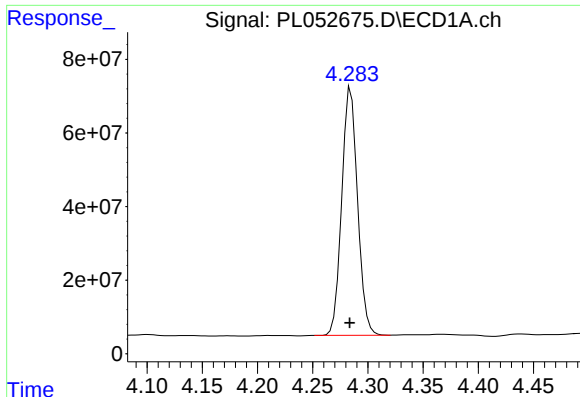
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 751929417
Conc: 62.54 ng/ml



#2 alpha-BHC

R.T.: 4.439 min
Delta R.T.: 0.002 min
Response: 179150442
Conc: 58.61 ng/ml



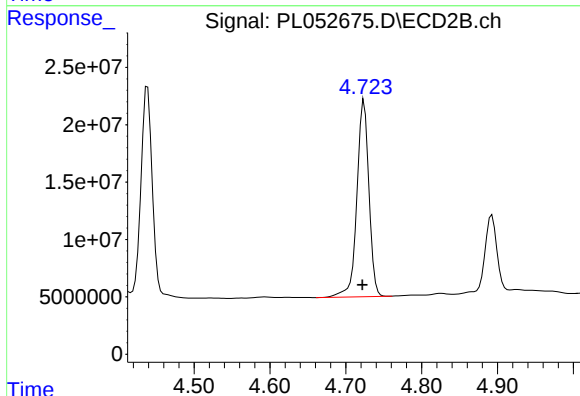
#3 gamma-BHC (Lindane)

R.T.: 4.285 min
Delta R.T.: 0.000 min
Response: 671602278
Conc: 59.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MS

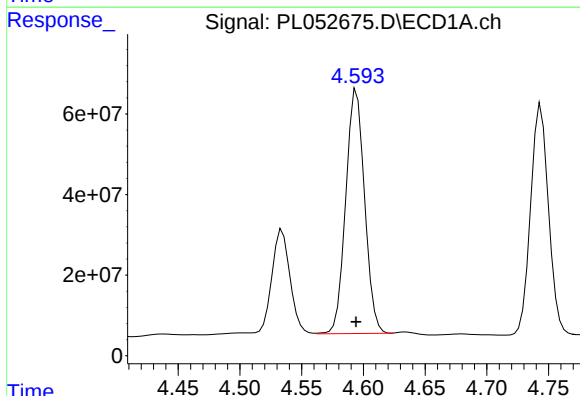
Manual Integrations
APPROVED

Ankita
9/24/2019 12:21:21 PM



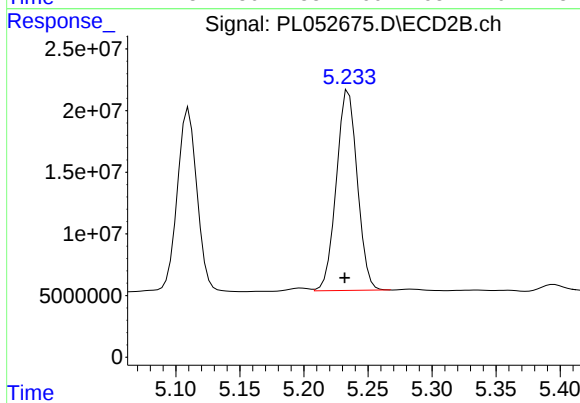
#3 gamma-BHC (Lindane)

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 188946457
Conc: 65.44 ng/ml



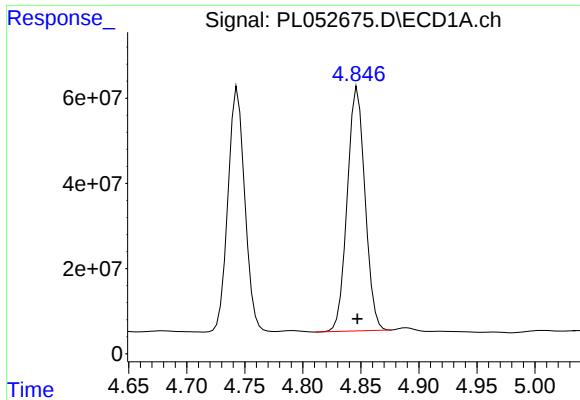
#4 Heptachlor

R.T.: 4.595 min
Delta R.T.: 0.000 min
Response: 643606038
Conc: 56.96 ng/ml



#4 Heptachlor

R.T.: 5.235 min
Delta R.T.: 0.003 min
Response: 184487296
Conc: 62.86 ng/ml



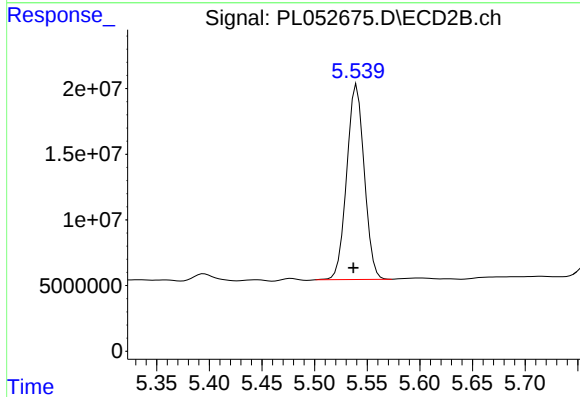
#5 Aldrin

R.T.: 4.847 min
Delta R.T.: 0.000 min
Response: 608509798
Conc: 56.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MS

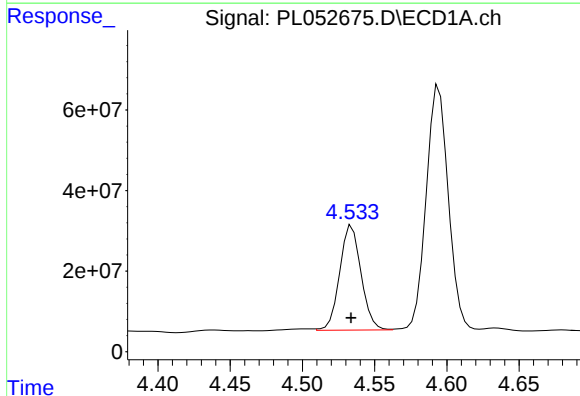
Manual Integrations
APPROVED

Ankita
9/24/2019 12:21:21 PM



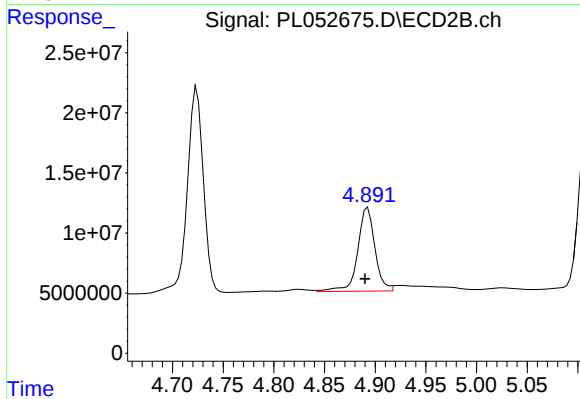
#5 Aldrin

R.T.: 5.540 min
Delta R.T.: 0.003 min
Response: 172731710
Conc: 65.21 ng/ml



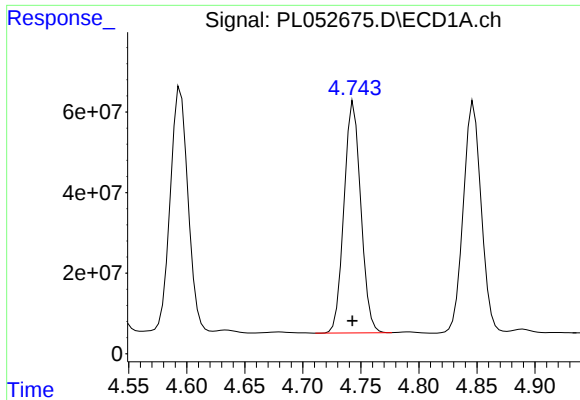
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 266583437
Conc: 54.47 ng/ml



#6 beta-BHC

R.T.: 4.893 min
Delta R.T.: 0.003 min
Response: 82303069
Conc: 61.71 ng/ml



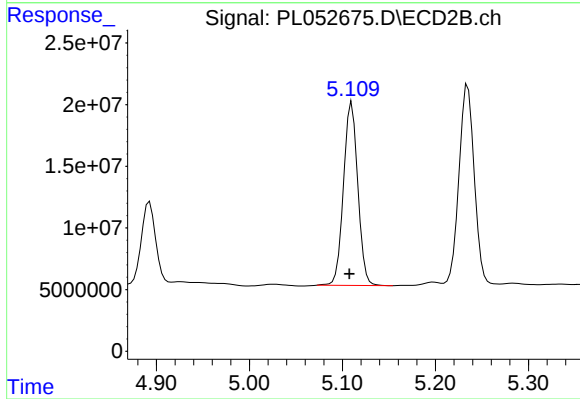
#7 delta-BHC

R.T.: 4.744 min
Delta R.T.: 0.001 min
Response: 577567066
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MS

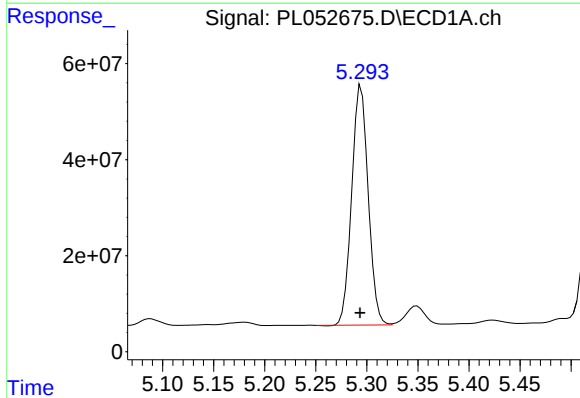
Manual Integrations
APPROVED

Ankita
9/24/2019 12:21:21 PM



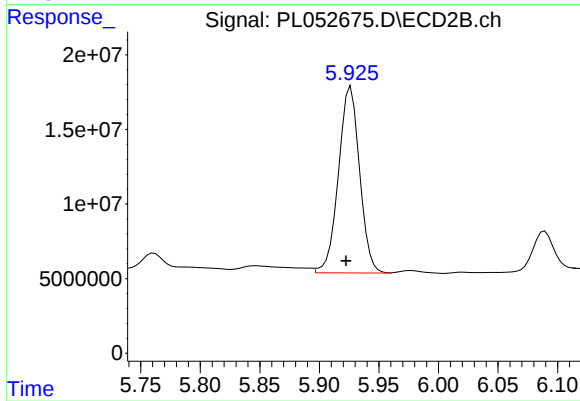
#7 delta-BHC

R.T.: 5.110 min
Delta R.T.: 0.003 min
Response: 158678606
Conc: 55.43 ng/ml



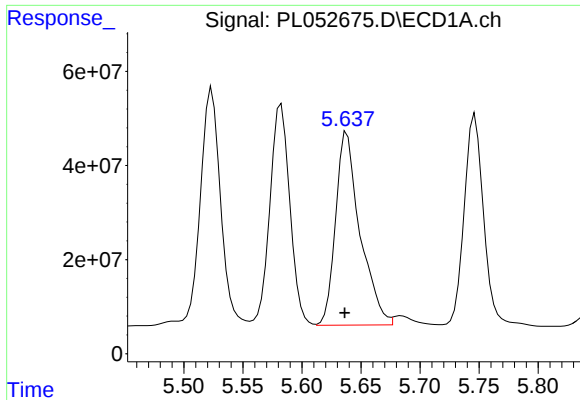
#8 Heptachlor epoxide

R.T.: 5.295 min
Delta R.T.: 0.001 min
Response: 560858259
Conc: 54.89 ng/ml



#8 Heptachlor epoxide

R.T.: 5.926 min
Delta R.T.: 0.004 min
Response: 153996924
Conc: 58.72 ng/ml



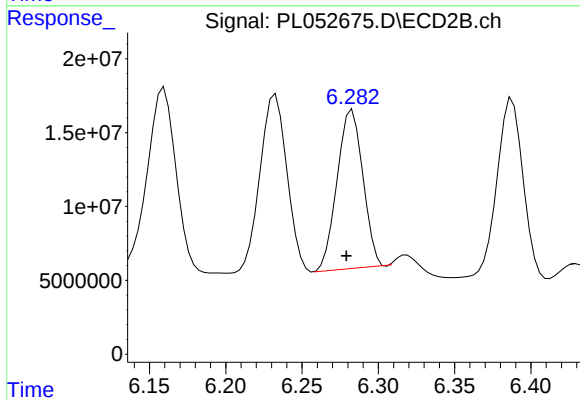
#9 Endosulfan I

R.T.: 5.638 min
Delta R.T.: 0.002 min
Response: 591193679
Conc: 60.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MS

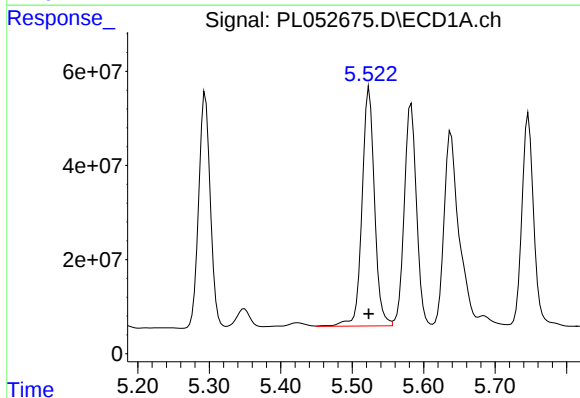
Manual Integrations
APPROVED

Ankita
9/24/2019 12:21:21 PM



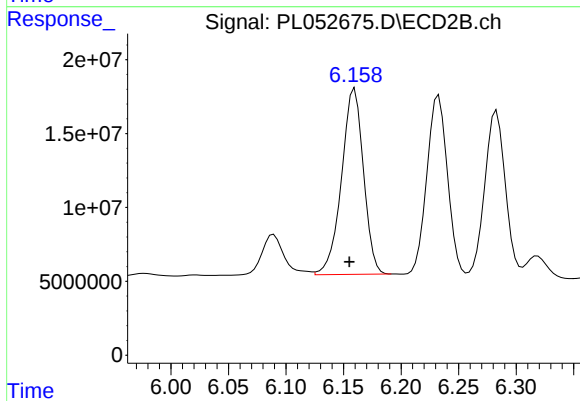
#9 Endosulfan I

R.T.: 6.283 min
Delta R.T.: 0.004 min
Response: 126620147
Conc: 54.32 ng/ml



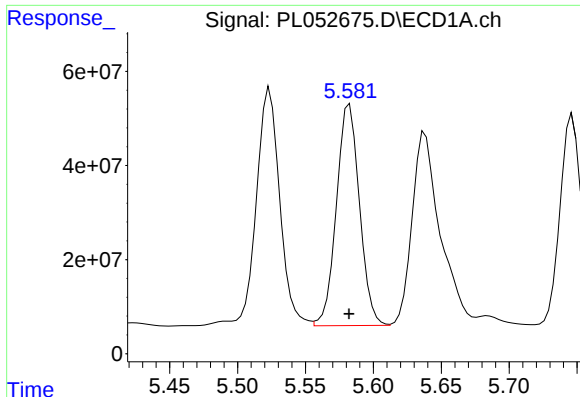
#10 gamma-Chlordane

R.T.: 5.524 min
Delta R.T.: 0.000 min
Response: 614379651
Conc: 57.85 ng/ml



#10 gamma-Chlordane

R.T.: 6.160 min
Delta R.T.: 0.004 min
Response: 167509518
Conc: 65.85 ng/ml



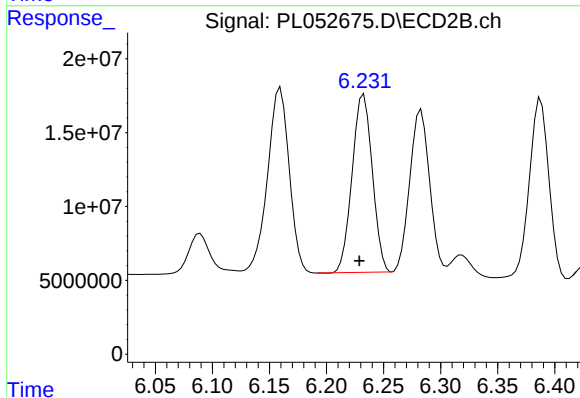
#11 alpha-Chlordane

R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 556457598
Conc: 53.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MS

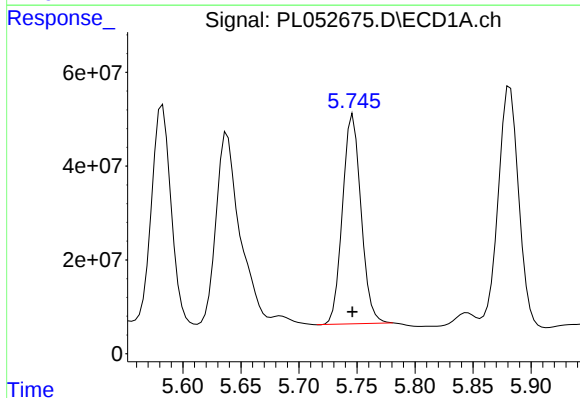
Manual Integrations
APPROVED

Ankita
9/24/2019 12:21:21 PM



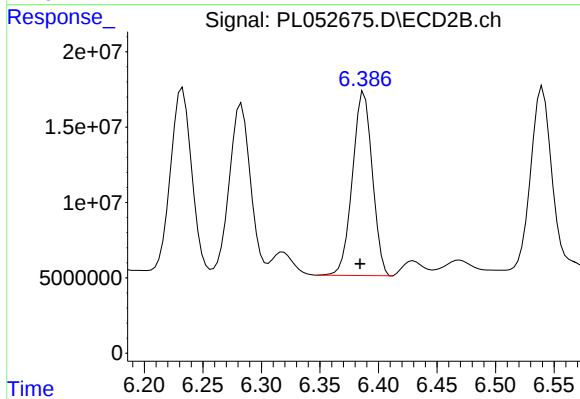
#11 alpha-Chlordane

R.T.: 6.233 min
Delta R.T.: 0.004 min
Response: 147985117
Conc: 59.24 ng/ml



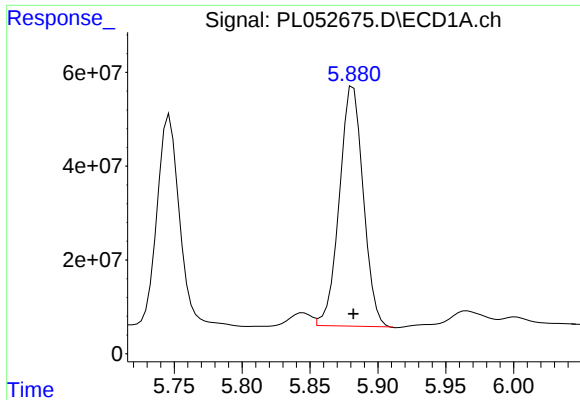
#12 4,4'-DDE

R.T.: 5.747 min
Delta R.T.: 0.000 min
Response: 496479535
Conc: 53.21 ng/ml



#12 4,4'-DDE

R.T.: 6.388 min
Delta R.T.: 0.004 min
Response: 144030756
Conc: 59.08 ng/ml



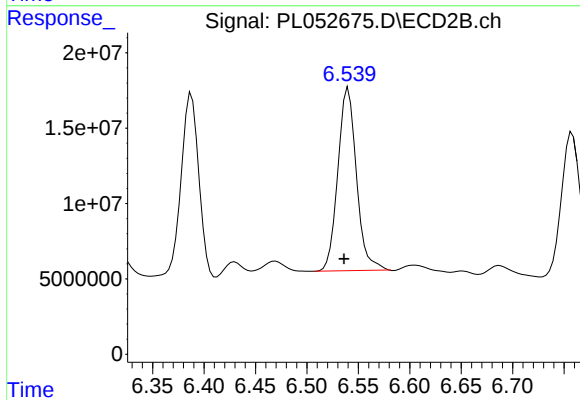
#13 Dieldrin

R.T.: 5.880 min
Delta R.T.: -0.002 min
Response: 624525380
Conc: 60.25 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MS

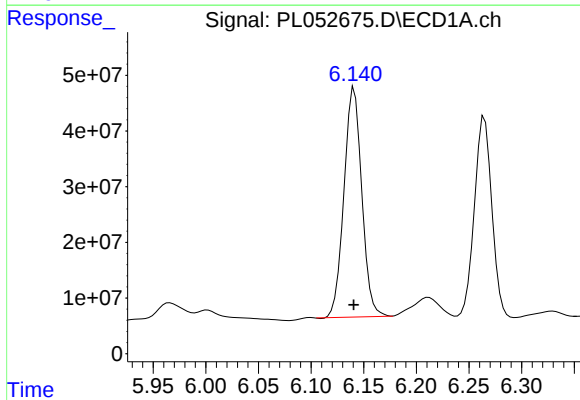
Manual Integrations
APPROVED

Ankita
9/24/2019 12:21:21 PM



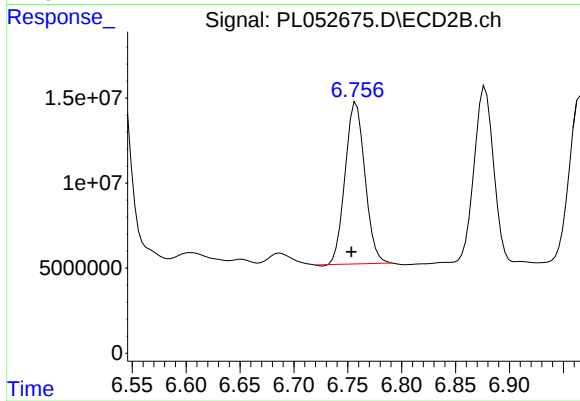
#13 Dieldrin

R.T.: 6.540 min
Delta R.T.: 0.004 min
Response: 152785011
Conc: 62.56 ng/ml



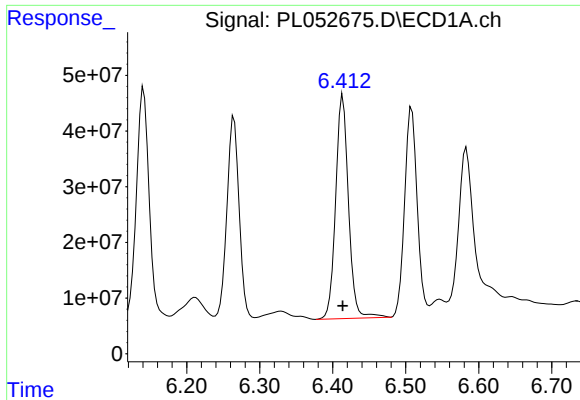
#14 Endrin

R.T.: 6.141 min
Delta R.T.: 0.000 min
Response: 487334591
Conc: 58.94 ng/ml



#14 Endrin

R.T.: 6.758 min
Delta R.T.: 0.004 min
Response: 121615967
Conc: 62.83 ng/ml



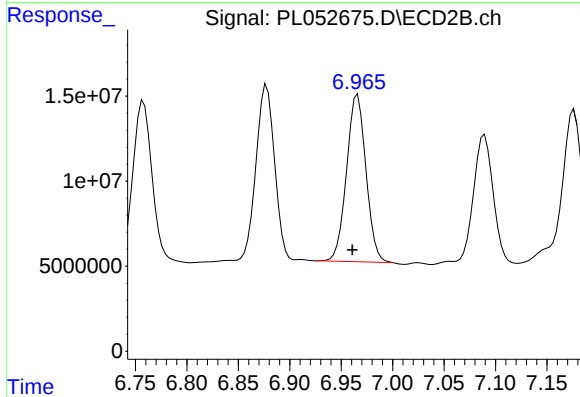
#15 Endosulfan II

R.T.: 6.414 min
Delta R.T.: 0.000 min
Response: 490318158
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MS

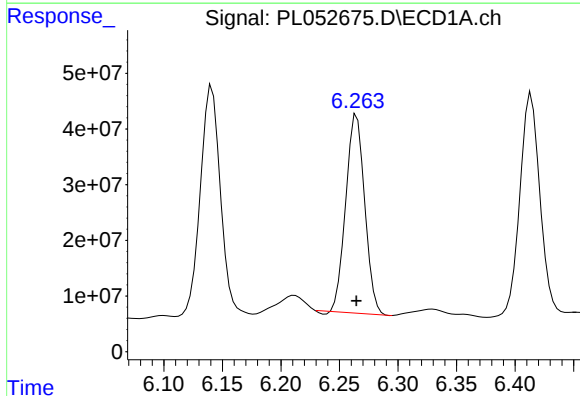
Manual Integrations
APPROVED

Ankita
9/24/2019 12:21:21 PM



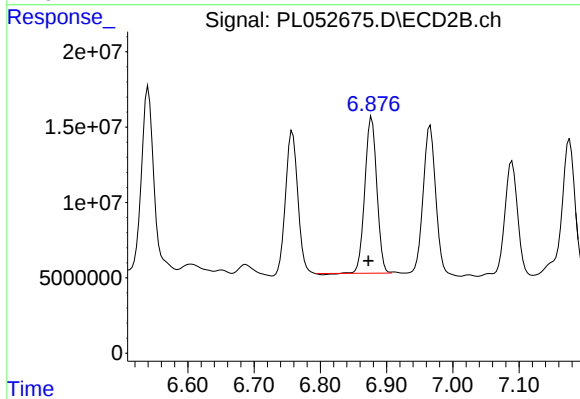
#15 Endosulfan II

R.T.: 6.966 min
Delta R.T.: 0.005 min
Response: 128887867
Conc: 57.74 ng/ml



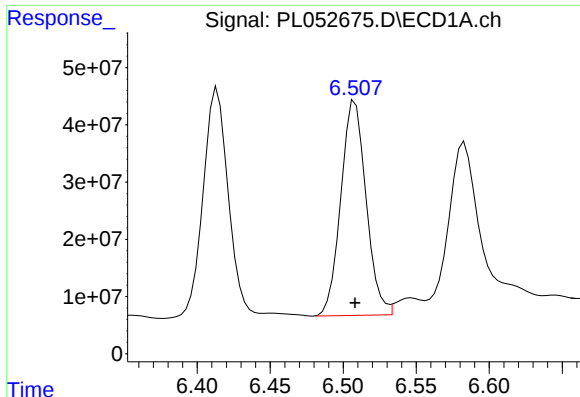
#16 4,4'-DDD

R.T.: 6.265 min
Delta R.T.: 0.000 min
Response: 400862828
Conc: 52.34 ng/ml



#16 4,4'-DDD

R.T.: 6.878 min
Delta R.T.: 0.005 min
Response: 129771525
Conc: 70.46 ng/ml



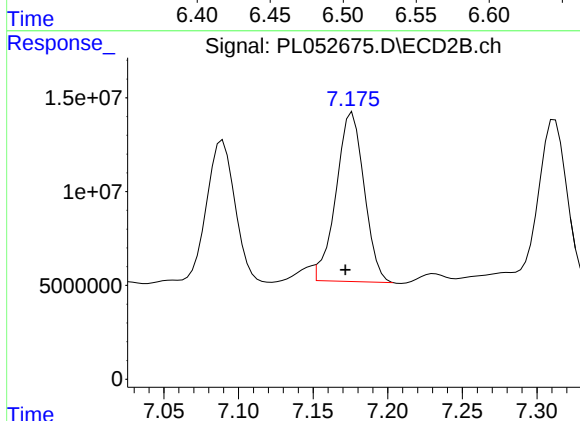
#17 4,4'-DDT

R.T.: 6.508 min
Delta R.T.: 0.000 min
Response: 451624168
Conc: 58.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MS

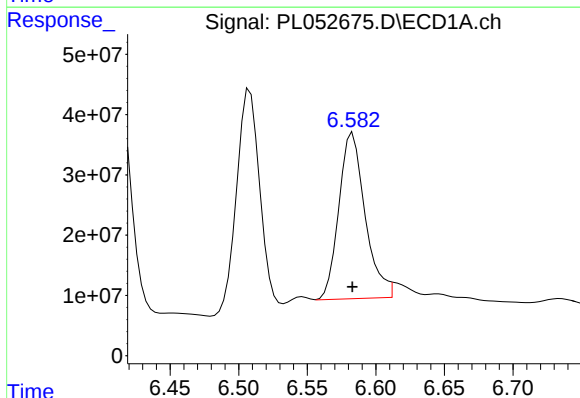
Manual Integrations
APPROVED

Ankita
9/24/2019 12:21:21 PM



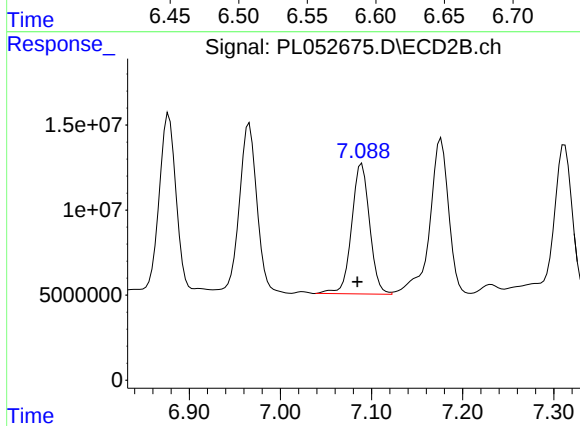
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: 0.003 min
Response: 117754214
Conc: 64.38 ng/ml m



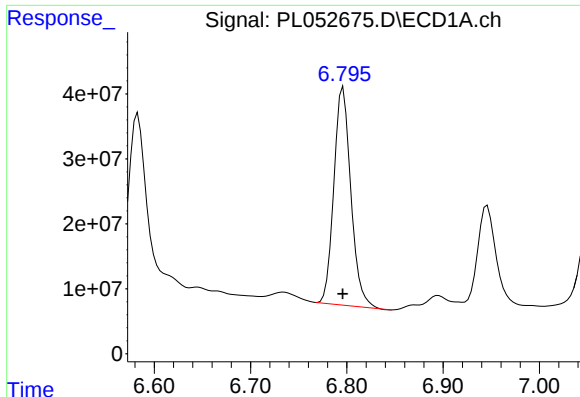
#18 Endrin aldehyde

R.T.: 6.582 min
Delta R.T.: -0.001 min
Response: 365055933
Conc: 47.22 ng/ml m



#18 Endrin aldehyde

R.T.: 7.089 min
Delta R.T.: 0.005 min
Response: 105247578
Conc: 56.74 ng/ml



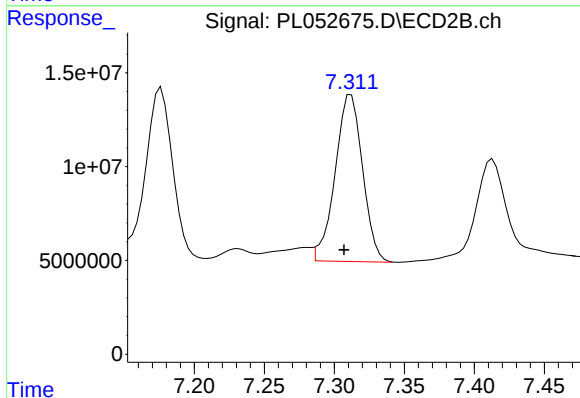
#19 Endosulfan Sulfate

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 411746308
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MS

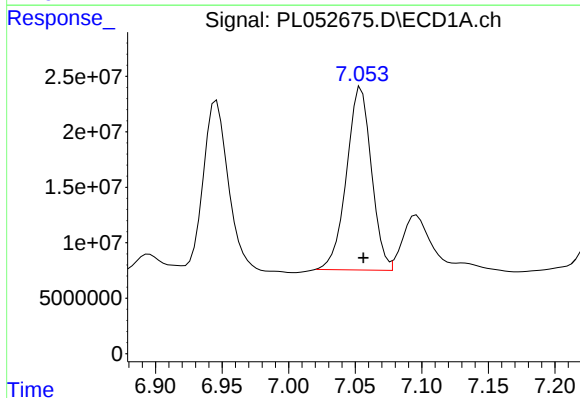
Manual Integrations
APPROVED

Ankita
9/24/2019 12:21:21 PM



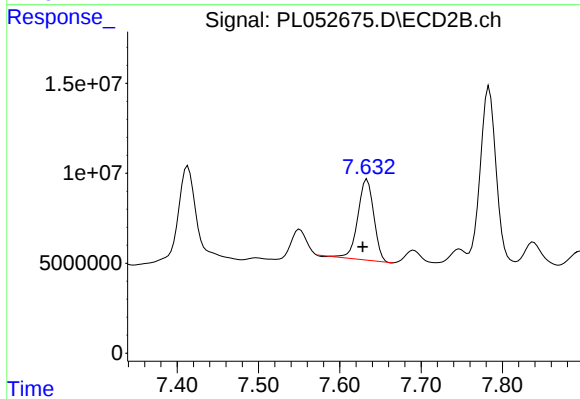
#19 Endosulfan Sulfate

R.T.: 7.311 min
Delta R.T.: 0.004 min
Response: 120719271
Conc: 58.78 ng/ml m



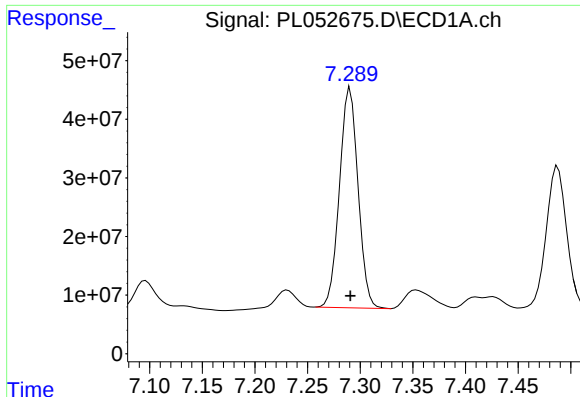
#20 Methoxychlor

R.T.: 7.054 min
Delta R.T.: -0.002 min
Response: 214821276
Conc: 53.13 ng/ml



#20 Methoxychlor

R.T.: 7.634 min
Delta R.T.: 0.005 min
Response: 60521580
Conc: 59.73 ng/ml



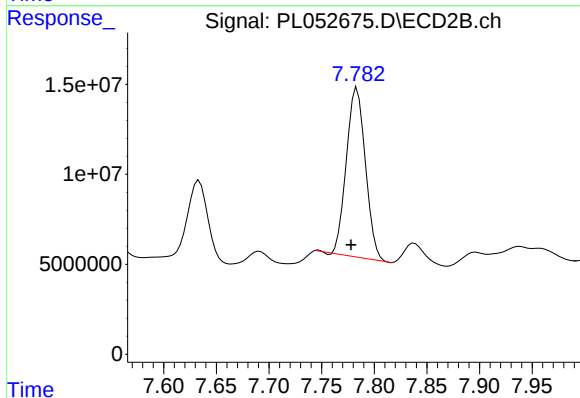
#21 Endrin ketone

R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 462814425
Conc: 44.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MS

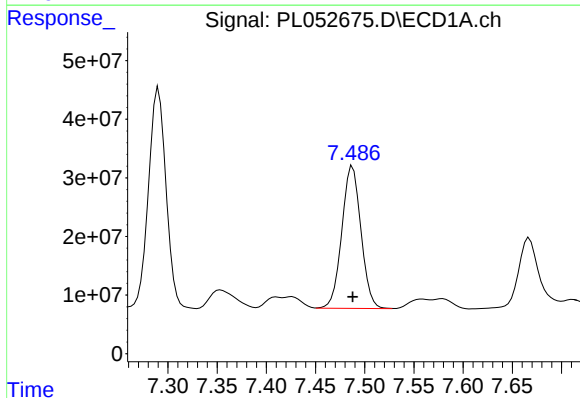
Manual Integrations
APPROVED

Ankita
9/24/2019 12:21:21 PM



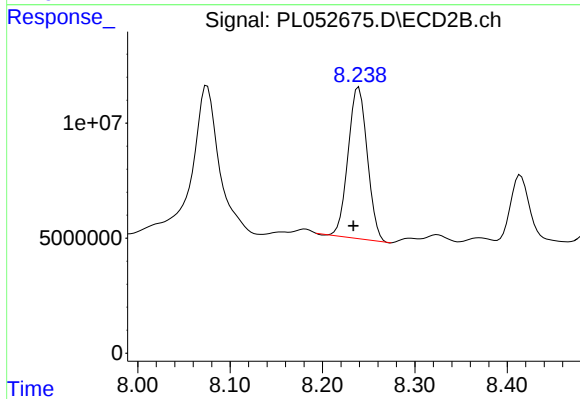
#21 Endrin ketone

R.T.: 7.784 min
Delta R.T.: 0.006 min
Response: 118984343
Conc: 53.58 ng/ml



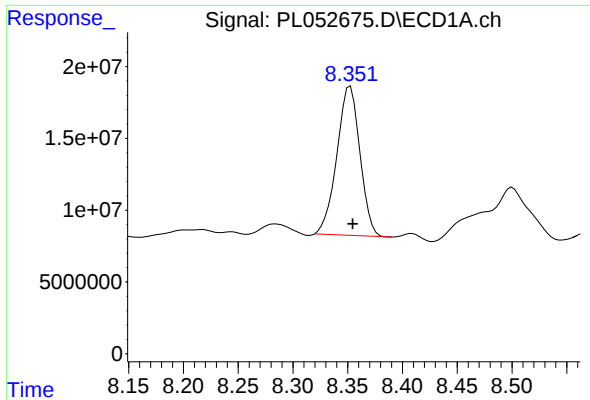
#22 Mirex

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 328905669
Conc: 43.01 ng/ml m



#22 Mirex

R.T.: 8.239 min
Delta R.T.: 0.006 min
Response: 95319258
Conc: 55.70 ng/ml



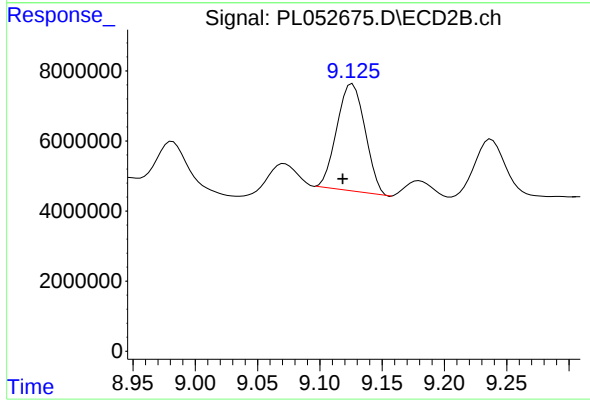
#28 Decachlorobiphenyl

R.T.: 8.352 min
Delta R.T.: -0.002 min
Response: 151997784
Conc: 17.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
SAND-STOCKPILE-1MS

Manual Integrations
APPROVED

Ankita
9/24/2019 12:21:21 PM



#28 Decachlorobiphenyl

R.T.: 9.126 min
Delta R.T.: 0.008 min
Response: 48313209
Conc: 20.18 ng/ml