

Data Path : P:\HPCHEM1\ECD L\Data\PL012918\
 Data File : PL032639.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Jan 2018 17:28
 Operator : UA\AJ
 Sample : J1305-02MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ENGINE-WASHMS

Manual Integrations
 APPROVED

ugo
 1/30/2018 2:52:54 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 23:42:10 2018
 Quant Method : P:\HPCHEM1\ECD_L\methods\PL012618.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 27 04:03:48 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.409	3.992	142.4E6	22182884	15.930	17.714m
28)	SA Decachlor...	8.112	9.028	91494871	11860350	7.863m	6.236
Target Compounds							
2)	A alpha-BHC	3.846	4.371	603.7E6	125.8E6	42.907	54.303m#
3)	MA gamma-BHC...	4.125	4.653	529.9E6	91407420	41.039m	42.553
4)	MA Heptachlor	4.415	5.168	539.6E6	89016282	40.765	42.638
5)	MB Aldrin	4.658	5.469	411.8E6	85953810	32.043	41.046m#
6)	B beta-BHC	4.381	4.813	681.1E6	37420912	119.257	39.209 #
7)	B delta-BHC	4.576	5.026	529.6E6	193.2E6	39.678	86.889 #
8)	B Heptachlo...	5.097	5.850	452.9E6	74527362	38.262m	41.685m
9)	A Endosulfan I	5.433	6.204	395.3E6	70418992	34.634	39.026
10)	B gamma-Chl...	5.321	6.083	437.5E6	74003689	33.896	37.954m
11)	B alpha-Chl...	5.380	6.158	478.8E6	76783517	38.486	40.511
12)	B 4,4'-DDE	5.545	6.312	413.7E6	76338960	32.560m	40.029m
13)	MA Dieldrin	5.673	6.456	442.9E6	78106761	34.596	40.871m
14)	MA Endrin	5.929	6.672	421.6E6	67719301	36.103	40.156
15)	B Endosulfa...	6.202	6.874	368.8E6	71267692	31.430	40.477 #
16)	A 4,4'-DDD	6.058	6.793	323.8E6	53399649	30.778m	37.441m
17)	MA 4,4'-DDT	6.295	7.093	346.4E6	49946849	32.769	37.458m
18)	B Endrin al...	6.371	6.995	301.8E6	67561563	30.558	45.626m#
19)	B Endosulfa...	6.580	7.219	395.8E6	65851765	35.731m	40.831m
20)	A Methoxychlor	6.843	7.549	175.4E6	35964666	30.182m	44.123m#
21)	B Endrin ke...	7.068	7.683	437.7E6	75942525	34.942m	42.051

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

Data Path : P:\HPCHEM1\ECD L\Data\PL012918\
Data File : PL032639.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 29 Jan 2018 17:28
Operator : UA\AJ
Sample : J1305-02MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

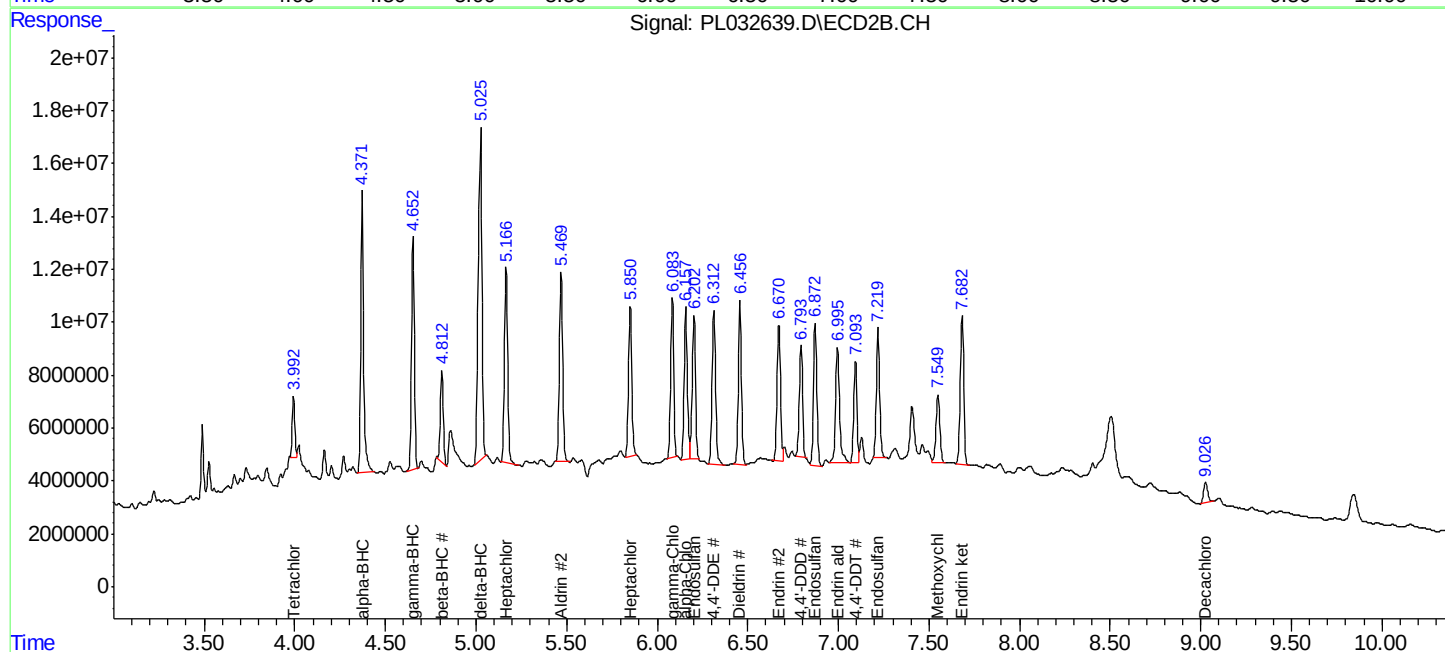
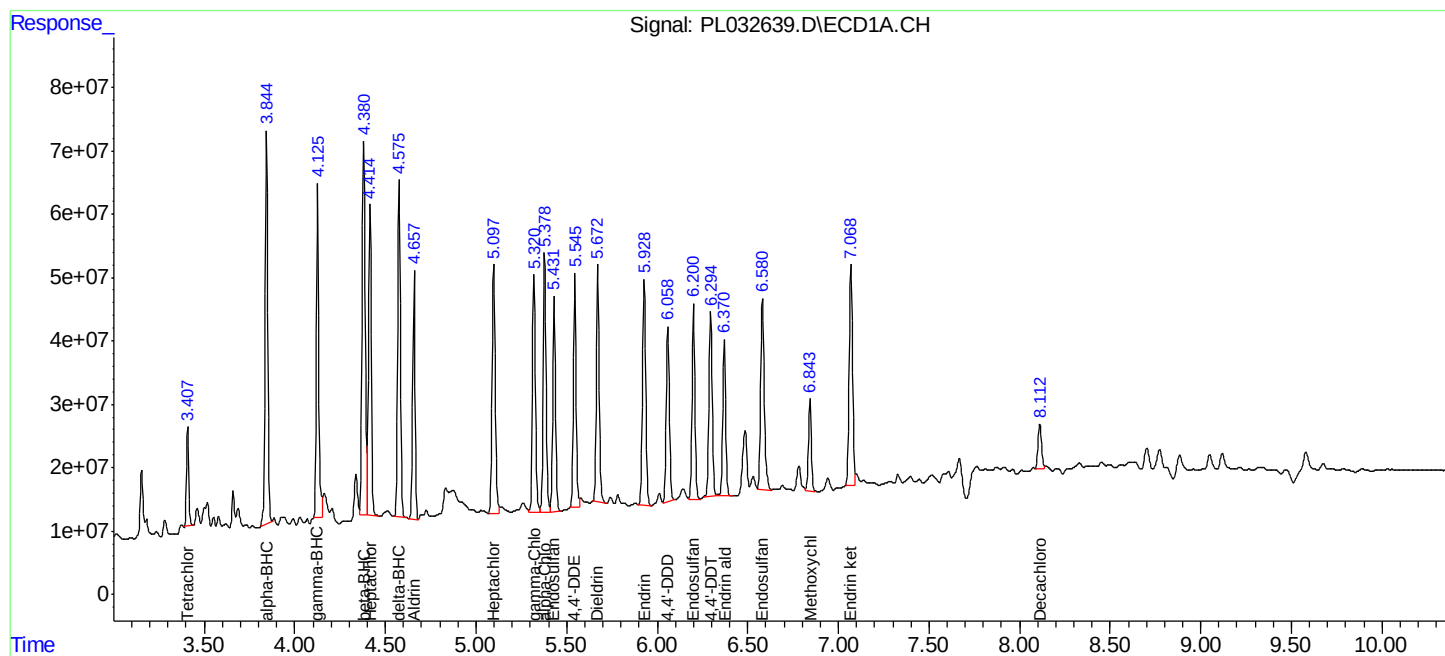
Instrument :
ECD_L
ClientSampled :
ENGINE-WASHMS

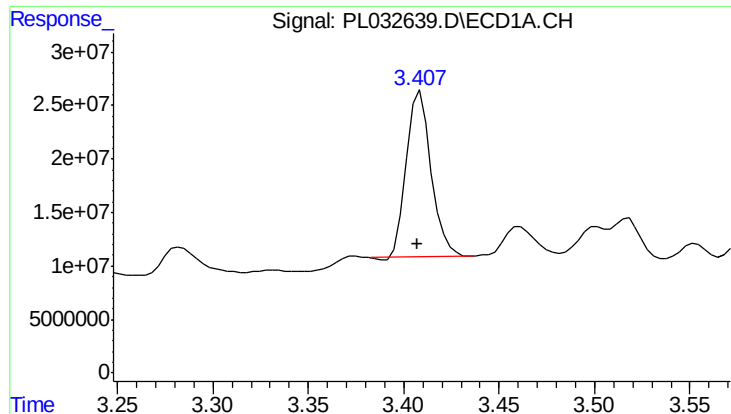
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:54 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 29 23:42:10 2018
Quant Method : P:\HPCHEM1\ECD_L\methods\PL012618.M
Quant Title : GC Extractables
QLast Update : Sat Jan 27 04:03:48 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Ini. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





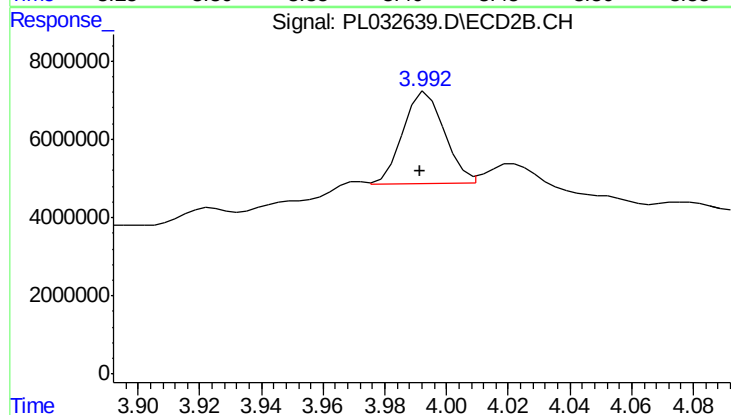
#1 Tetrachloro-m-xylene

R.T.: 3.409 min
Delta R.T.: 0.001 min
Response: 142412317
Conc: 15.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS

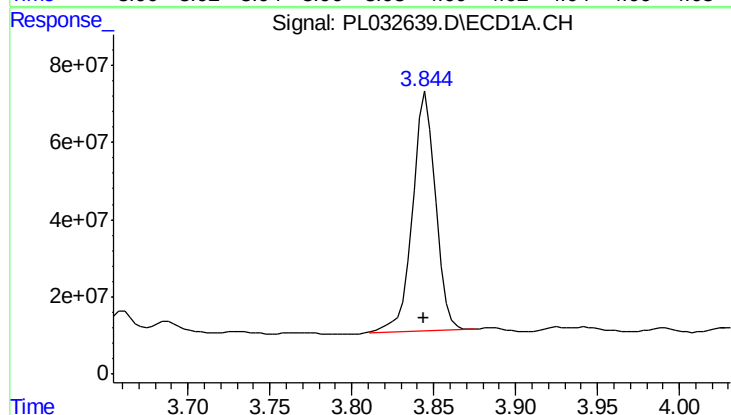
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:54 PM



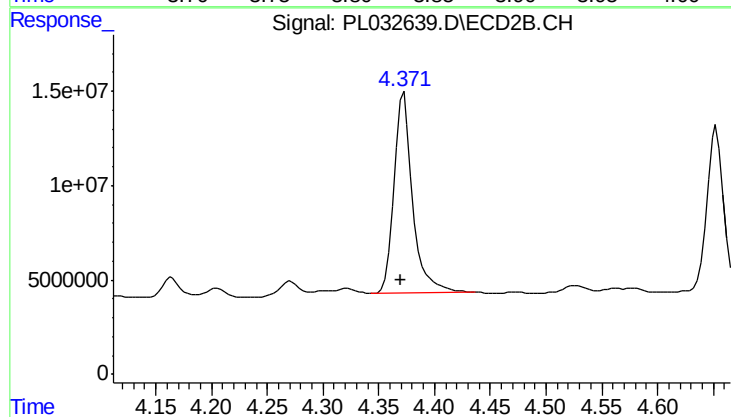
#1 Tetrachloro-m-xylene

R.T.: 3.992 min
Delta R.T.: 0.000 min
Response: 22182884
Conc: 17.71 ng/ml m



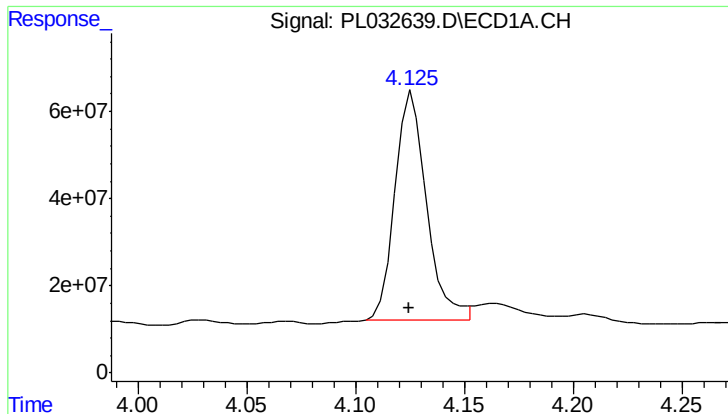
#2 alpha-BHC

R.T.: 3.846 min
Delta R.T.: 0.001 min
Response: 603722551
Conc: 42.91 ng/ml



#2 alpha-BHC

R.T.: 4.371 min
Delta R.T.: 0.001 min
Response: 125785104
Conc: 54.30 ng/ml m



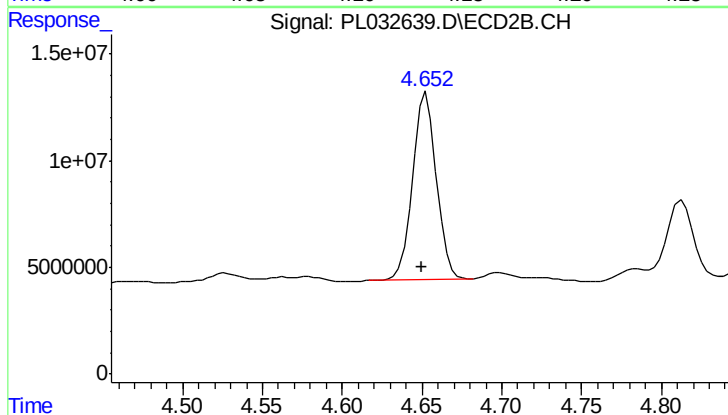
#3 gamma-BHC (Lindane)

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 529891230
Conc: 41.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS

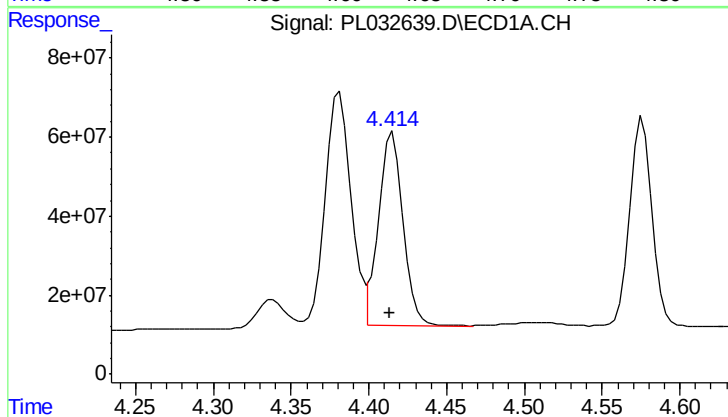
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:54 PM



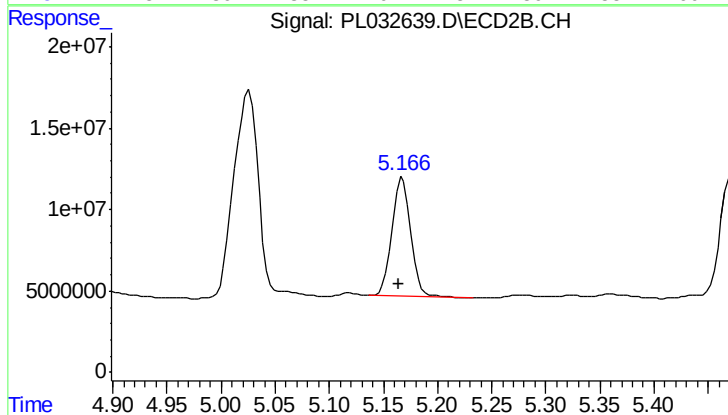
#3 gamma-BHC (Lindane)

R.T.: 4.653 min
Delta R.T.: 0.003 min
Response: 91407420
Conc: 42.55 ng/ml



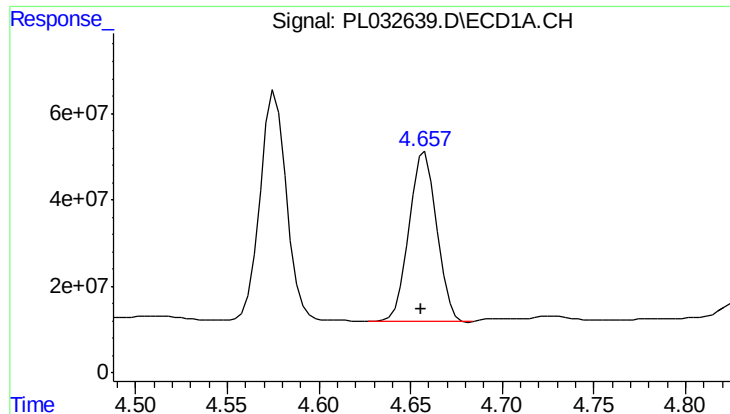
#4 Heptachlor

R.T.: 4.415 min
Delta R.T.: 0.001 min
Response: 539621176
Conc: 40.76 ng/ml



#4 Heptachlor

R.T.: 5.168 min
Delta R.T.: 0.004 min
Response: 89016282
Conc: 42.64 ng/ml



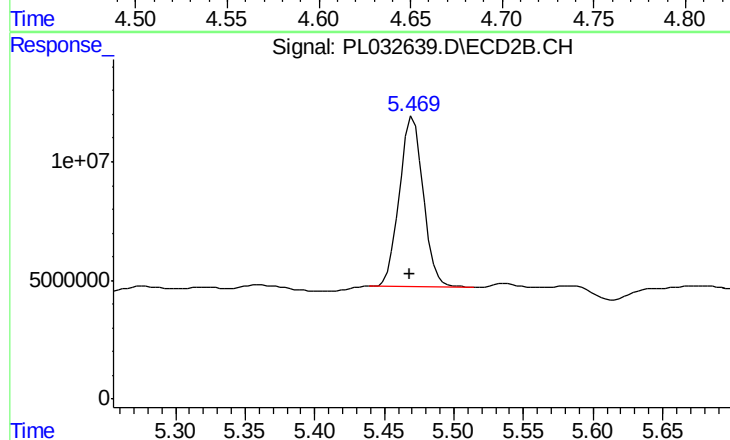
#5 Aldrin

R.T.: 4.658 min
Delta R.T.: 0.002 min
Response: 411827368
Conc: 32.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS

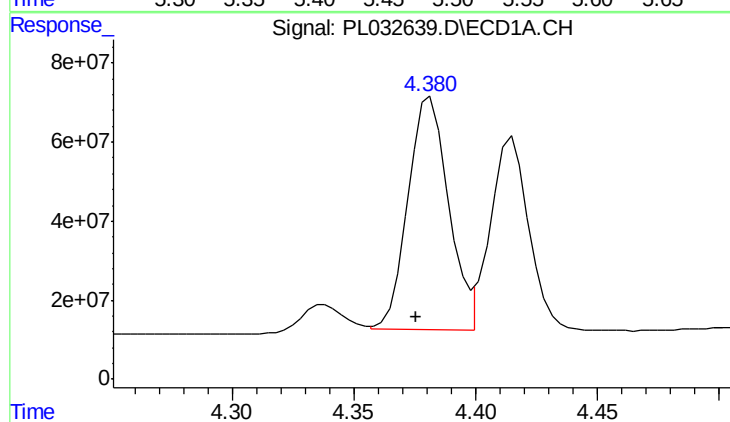
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:54 PM



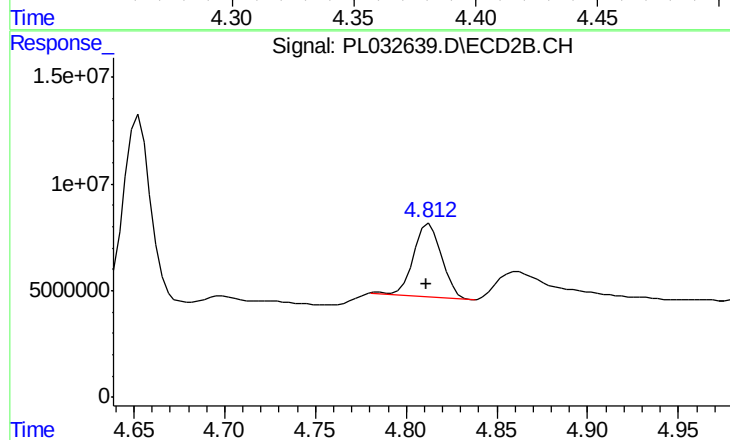
#5 Aldrin

R.T.: 5.469 min
Delta R.T.: 0.001 min
Response: 85953810
Conc: 41.05 ng/ml m



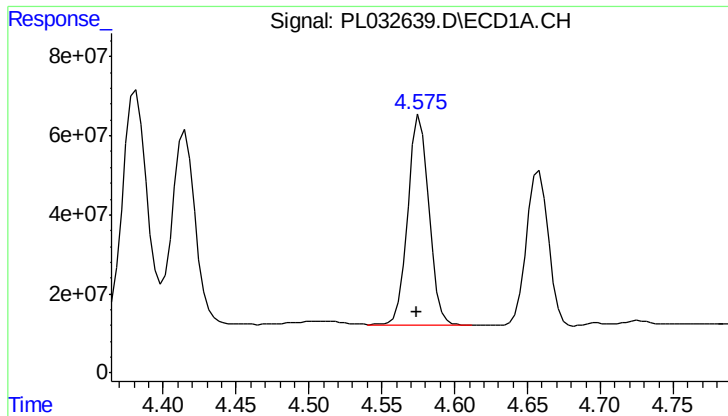
#6 beta-BHC

R.T.: 4.381 min
Delta R.T.: 0.006 min
Response: 681105001
Conc: 119.26 ng/ml



#6 beta-BHC

R.T.: 4.813 min
Delta R.T.: 0.002 min
Response: 37420912
Conc: 39.21 ng/ml



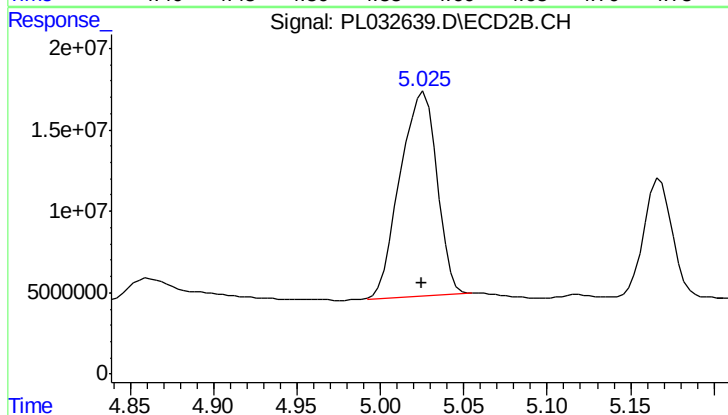
#7 delta-BHC

R.T.: 4.576 min
Delta R.T.: 0.002 min
Response: 529629639
Conc: 39.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS

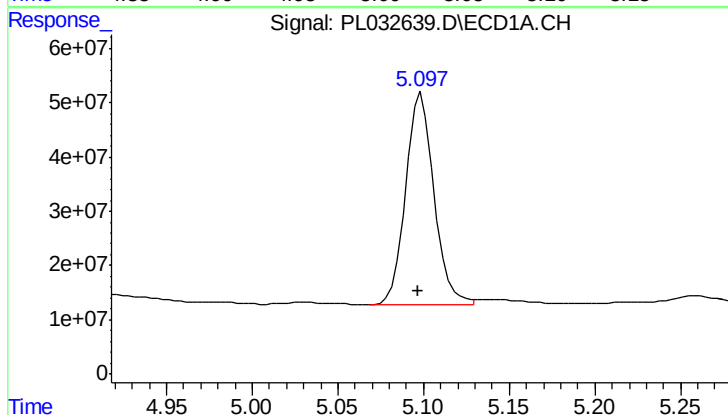
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:54 PM



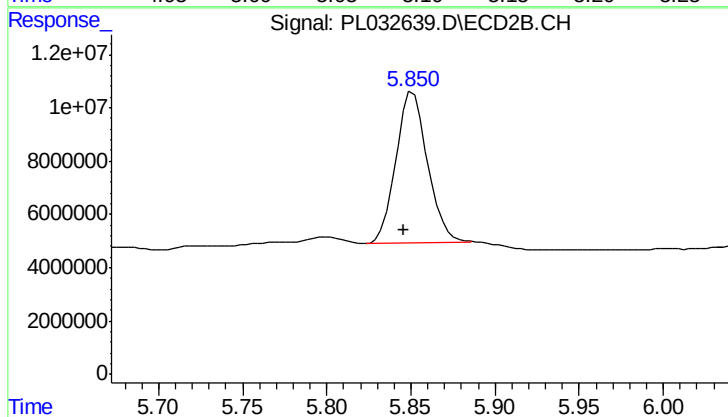
#7 delta-BHC

R.T.: 5.026 min
Delta R.T.: 0.001 min
Response: 193185397
Conc: 86.89 ng/ml



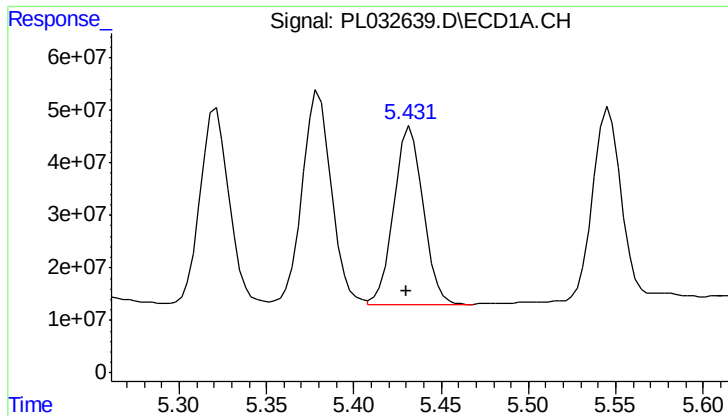
#8 Heptachlor epoxide

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 452854732
Conc: 38.26 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.850 min
Delta R.T.: 0.004 min
Response: 74527362
Conc: 41.68 ng/ml m



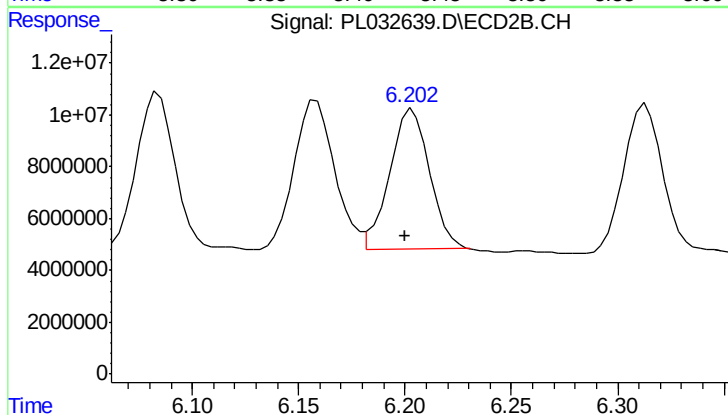
#9 Endosulfan I

R.T.: 5.433 min
Delta R.T.: 0.002 min
Response: 395330059
Conc: 34.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS

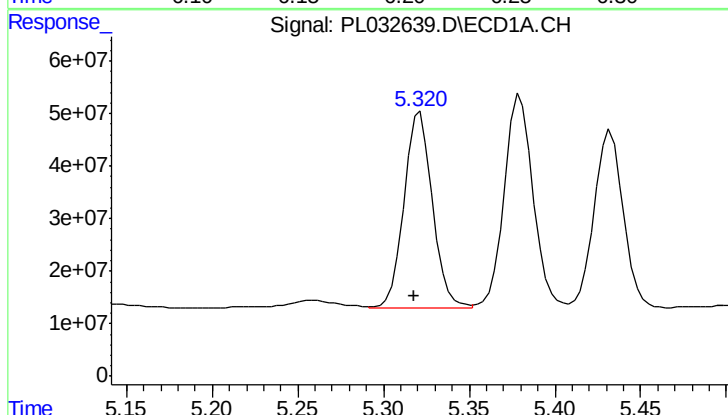
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:54 PM



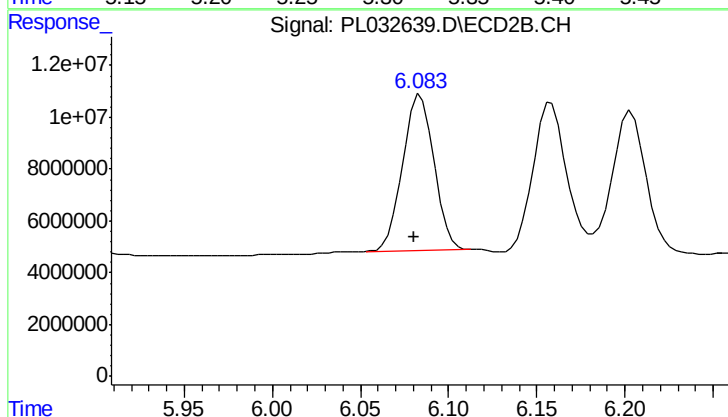
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: 0.003 min
Response: 70418992
Conc: 39.03 ng/ml



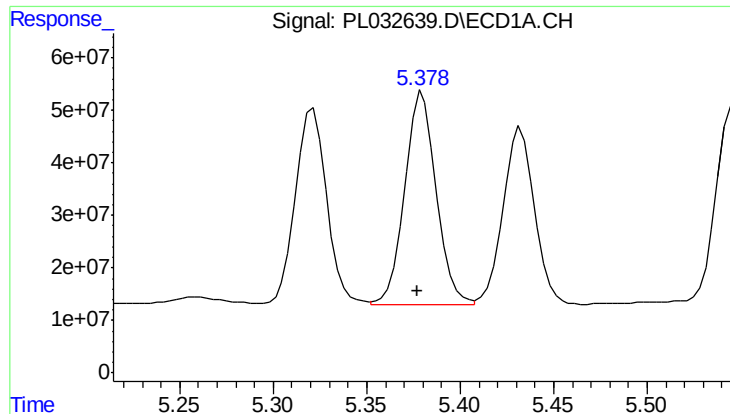
#10 gamma-Chlordane

R.T.: 5.321 min
Delta R.T.: 0.004 min
Response: 437470459
Conc: 33.90 ng/ml



#10 gamma-Chlordane

R.T.: 6.083 min
Delta R.T.: 0.002 min
Response: 74003689
Conc: 37.95 ng/ml m



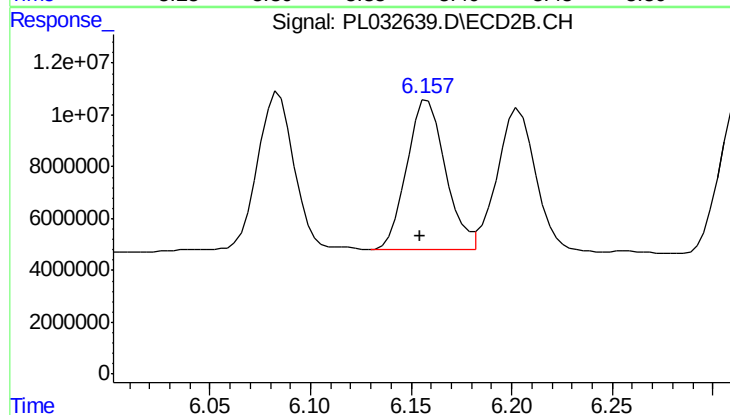
#11 alpha-Chlordane

R.T.: 5.380 min
Delta R.T.: 0.003 min
Response: 478823596
Conc: 38.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS

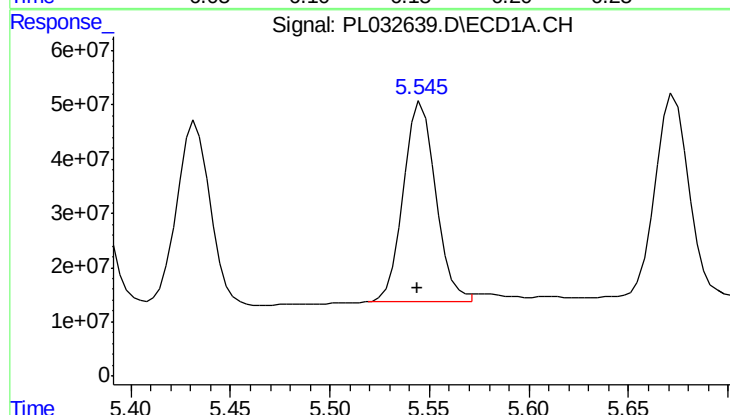
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:54 PM



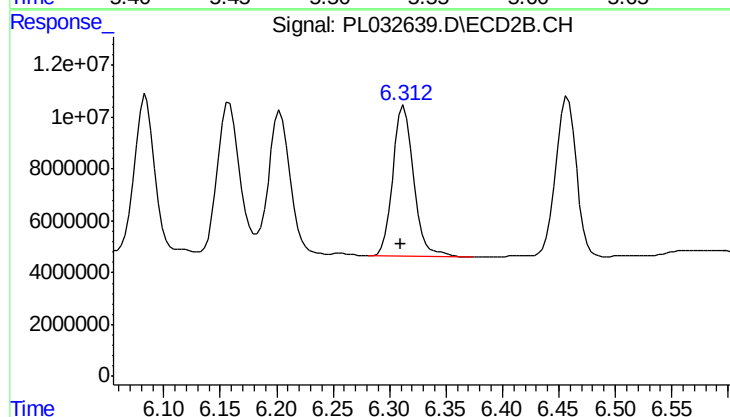
#11 alpha-Chlordane

R.T.: 6.158 min
Delta R.T.: 0.004 min
Response: 76783517
Conc: 40.51 ng/ml



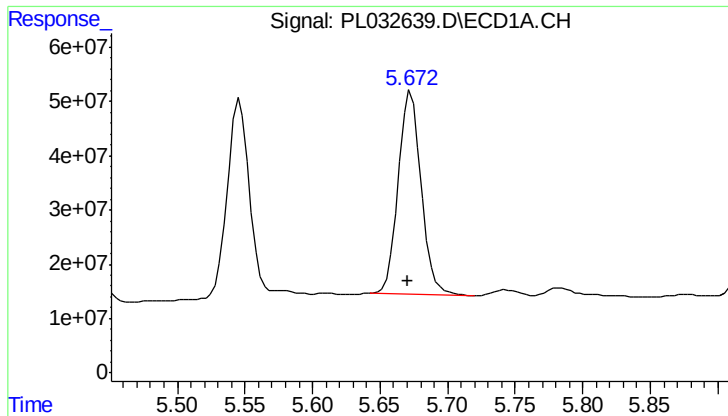
#12 4,4'-DDE

R.T.: 5.545 min
Delta R.T.: 0.000 min
Response: 413699454
Conc: 32.56 ng/ml m



#12 4,4'-DDE

R.T.: 6.312 min
Delta R.T.: 0.002 min
Response: 76338960
Conc: 40.03 ng/ml m



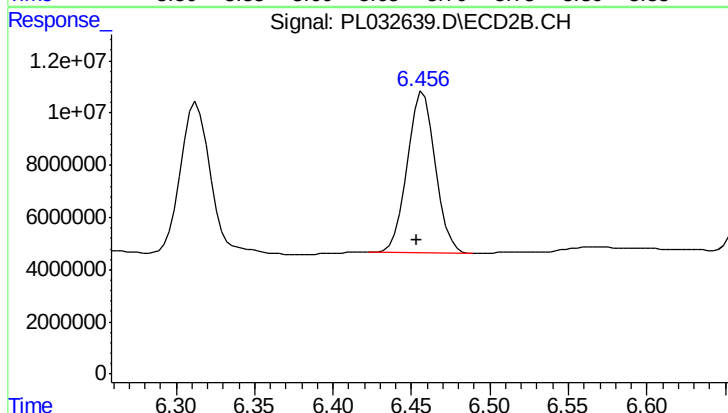
#13 Dieldrin

R.T.: 5.673 min
Delta R.T.: 0.002 min
Response: 442907963
Conc: 34.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS

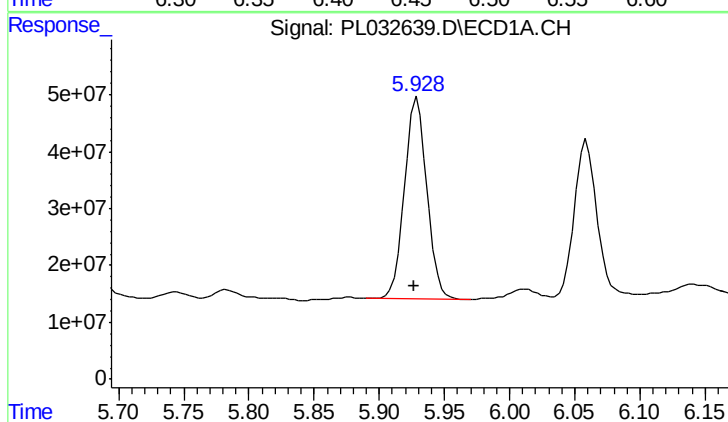
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:54 PM



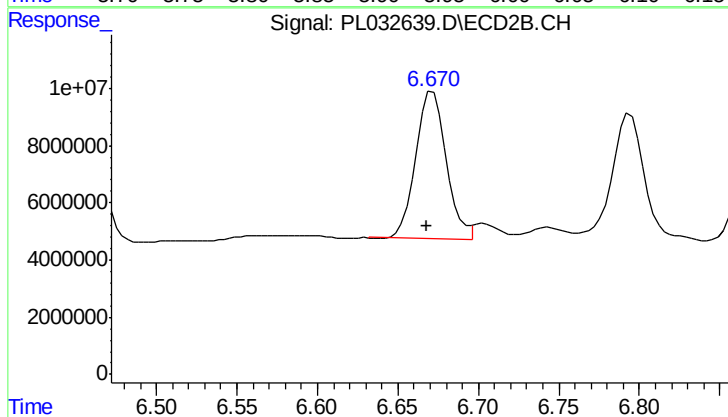
#13 Dieldrin

R.T.: 6.456 min
Delta R.T.: 0.003 min
Response: 78106761
Conc: 40.87 ng/ml m



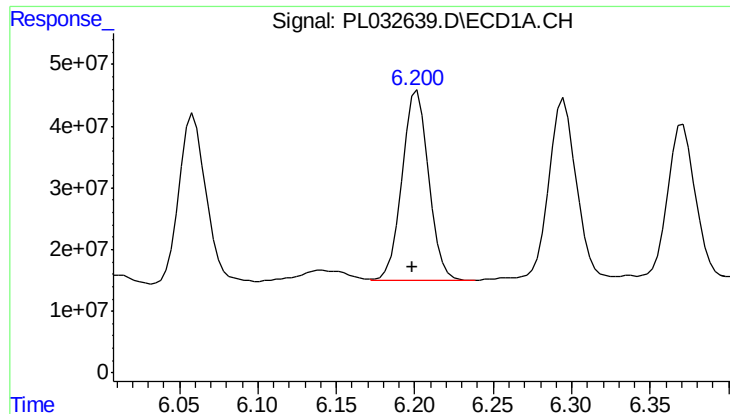
#14 Endrin

R.T.: 5.929 min
Delta R.T.: 0.002 min
Response: 421615517
Conc: 36.10 ng/ml



#14 Endrin

R.T.: 6.672 min
Delta R.T.: 0.004 min
Response: 67719301
Conc: 40.16 ng/ml



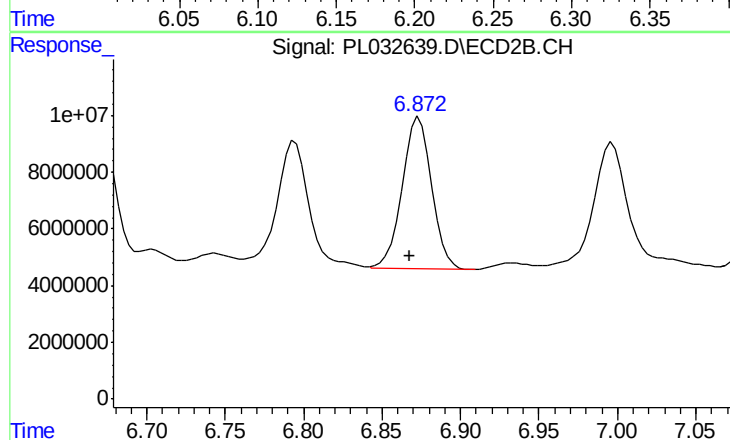
#15 Endosulfan II

R.T.: 6.202 min
Delta R.T.: 0.003 min
Response: 368768832
Conc: 31.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS

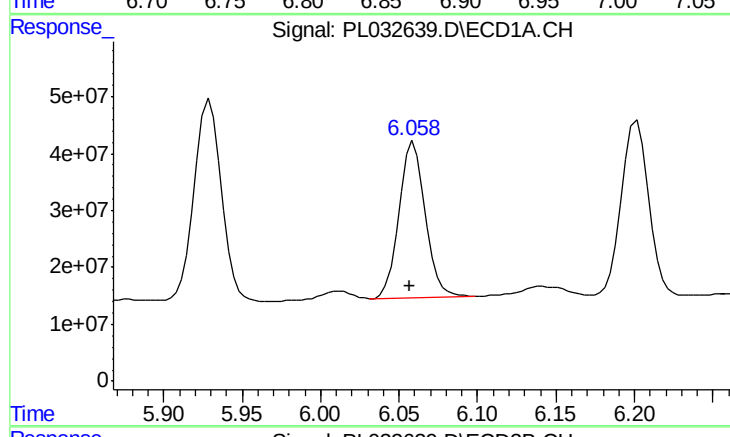
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:54 PM



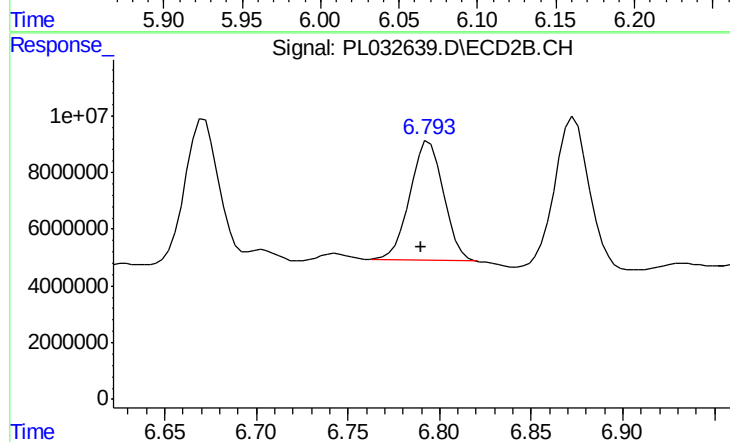
#15 Endosulfan II

R.T.: 6.874 min
Delta R.T.: 0.006 min
Response: 71267692
Conc: 40.48 ng/ml



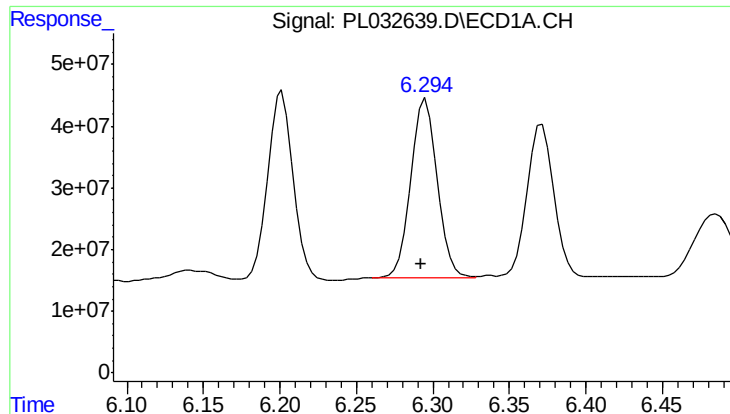
#16 4,4'-DDD

R.T.: 6.058 min
Delta R.T.: 0.001 min
Response: 323829520
Conc: 30.78 ng/ml m



#16 4,4'-DDD

R.T.: 6.793 min
Delta R.T.: 0.003 min
Response: 53399649
Conc: 37.44 ng/ml m



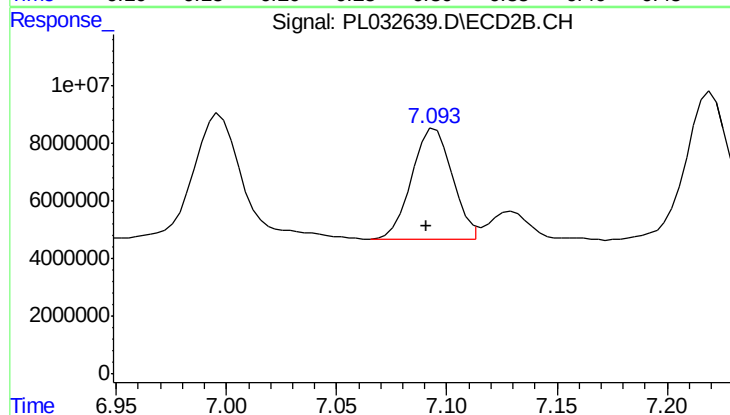
#17 4,4'-DDT

R.T.: 6.295 min
Delta R.T.: 0.003 min
Response: 346397455
Conc: 32.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS

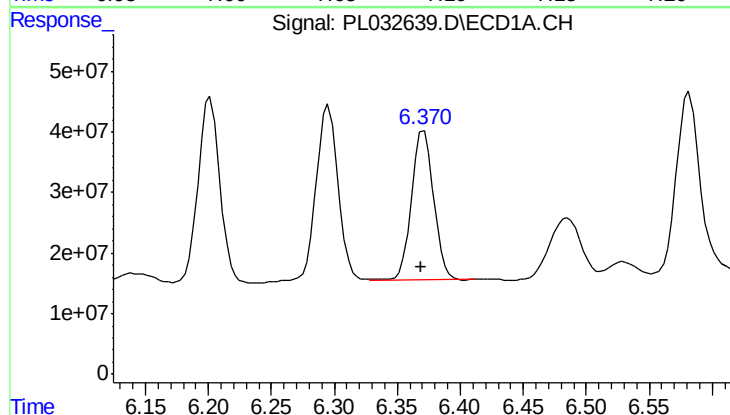
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:54 PM



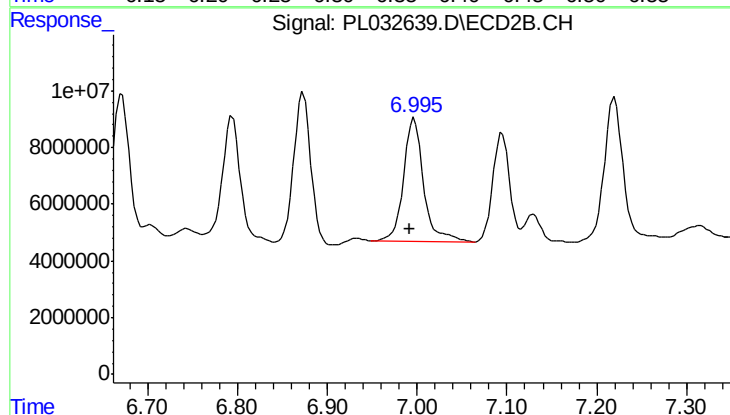
#17 4,4'-DDT

R.T.: 7.093 min
Delta R.T.: 0.003 min
Response: 49946849
Conc: 37.46 ng/ml m



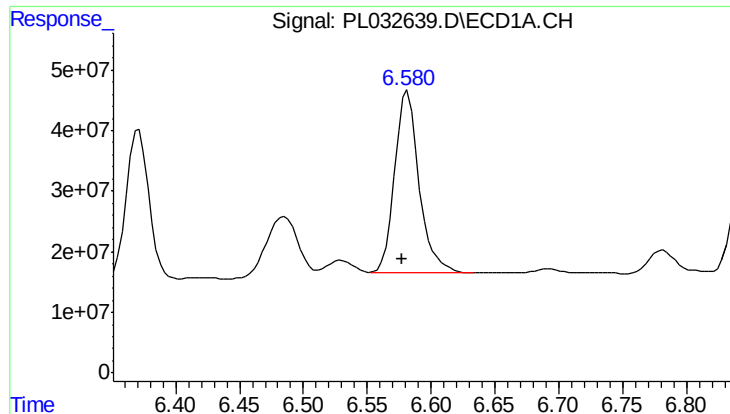
#18 Endrin aldehyde

R.T.: 6.371 min
Delta R.T.: 0.003 min
Response: 301809429
Conc: 30.56 ng/ml



#18 Endrin aldehyde

R.T.: 6.995 min
Delta R.T.: 0.004 min
Response: 67561563
Conc: 45.63 ng/ml m



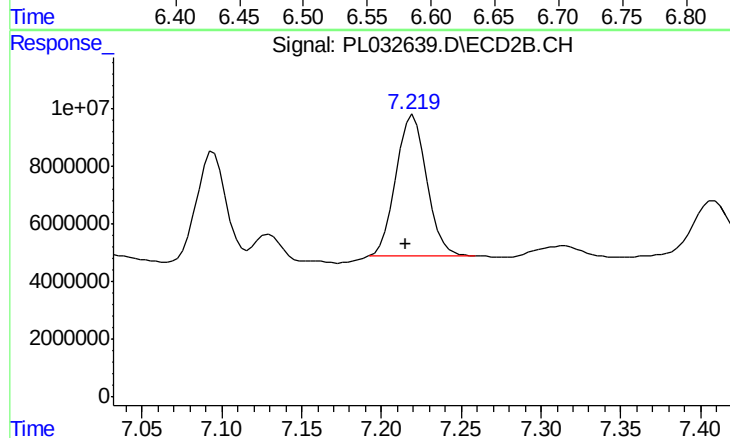
#19 Endosulfan Sulfate

R.T.: 6.580 min
Delta R.T.: 0.003 min
Response: 395799111
Conc: 35.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS

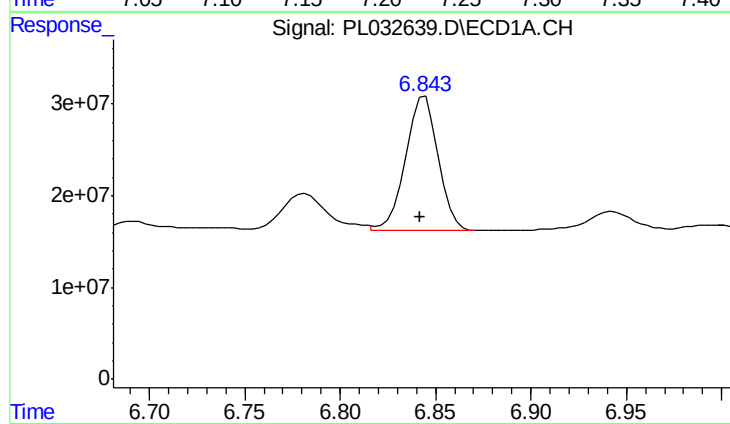
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:54 PM



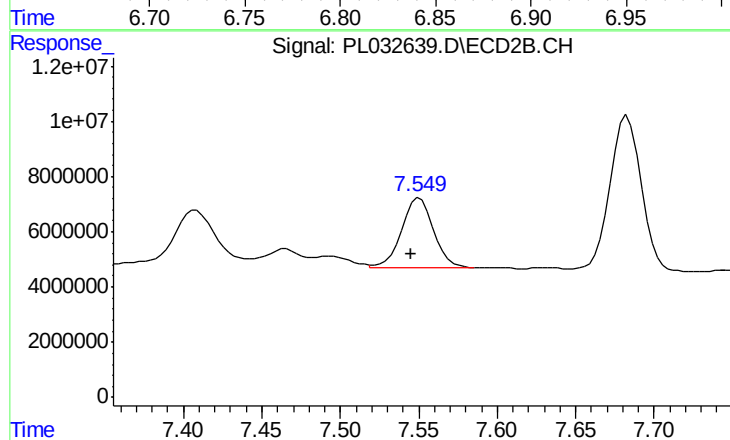
#19 Endosulfan Sulfate

R.T.: 7.219 min
Delta R.T.: 0.003 min
Response: 65851765
Conc: 40.83 ng/ml m



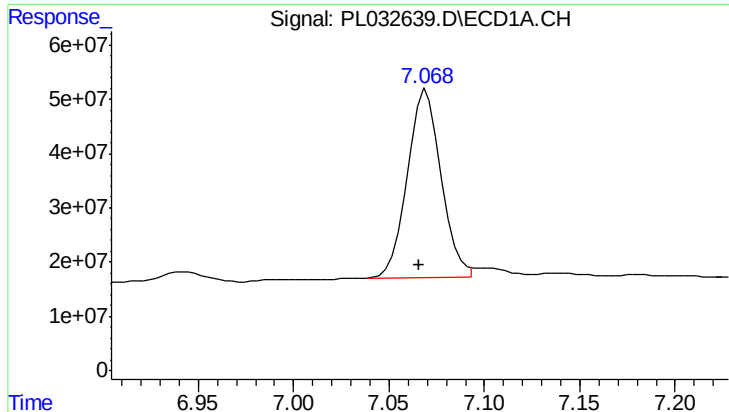
#20 Methoxychlor

R.T.: 6.843 min
Delta R.T.: 0.001 min
Response: 175363090
Conc: 30.18 ng/ml m



#20 Methoxychlor

R.T.: 7.549 min
Delta R.T.: 0.004 min
Response: 35964666
Conc: 44.12 ng/ml m



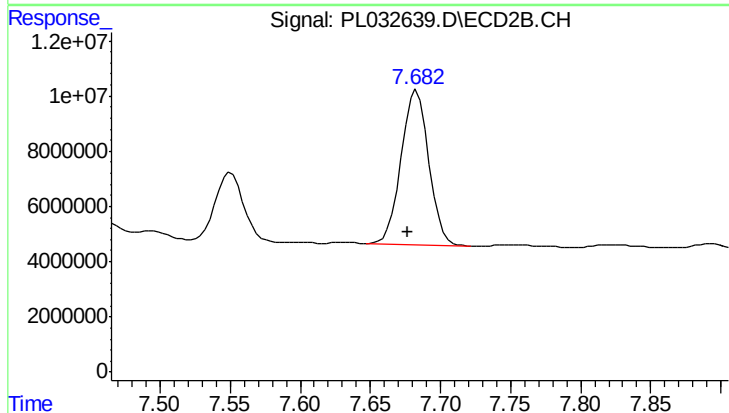
#21 Endrin ketone

R.T.: 7.068 min
Delta R.T.: 0.002 min
Response: 437666127
Conc: 34.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
ENGINE-WASHMS

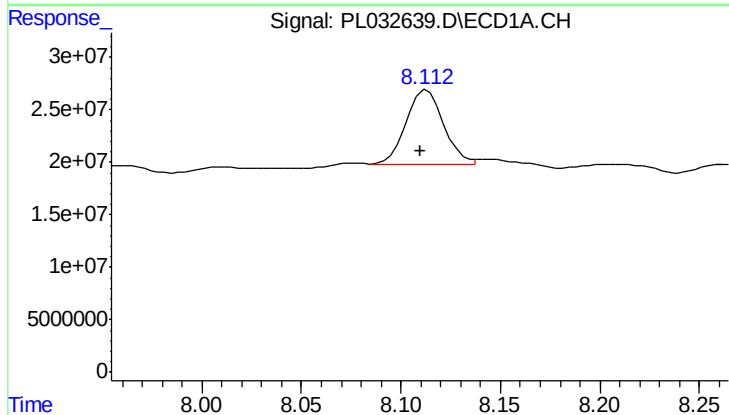
Manual Integrations
APPROVED

ugo
1/30/2018 2:52:54 PM



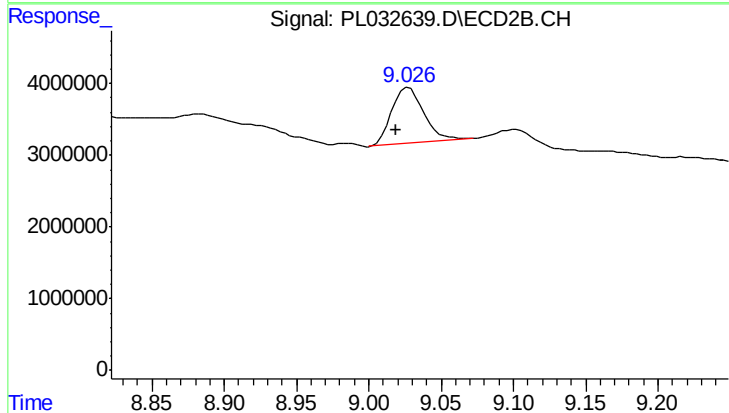
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.007 min
Response: 75942525
Conc: 42.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.112 min
Delta R.T.: 0.002 min
Response: 91494871
Conc: 7.86 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.028 min
Delta R.T.: 0.008 min
Response: 11860350
Conc: 6.24 ng/ml