

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031119\
 Data File : PL045666.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Mar 2019 14:13
 Operator : AJ\SJ
 Sample : K1817-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PST-028-B011-030619MS

Manual Integrations
 APPROVED

Sohil
 3/12/2019 9:30:46 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 12 01:06:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 27 17:00:03 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...	3.363	3.981	141.6E6	44421056	20.587	20.743
28)	SA Decachlor...	8.046	9.038	156.8E6	45530159	18.744	19.926
Target Compounds							
2)	A alpha-BHC	3.793	4.371	590.6E6	160.5E6	53.171	52.832
3)	MA gamma-BHC...	4.071	4.656	540.6E6	143.5E6	53.485	50.791
4)	MA Heptachlor	4.358	5.163	557.1E6	145.4E6	52.793	48.889
5)	MB Aldrin	4.599	5.468	517.0E6	131.2E6	53.158	48.594
6)	B beta-BHC	4.323	4.828	217.1E6	64608310	50.644	50.874
7)	B delta-BHC	4.520	5.044	473.9E6	102.6E6	49.580	47.686
8)	B Heptachlo...	5.037	5.853	482.8E6	121.5E6	51.734	50.597
9)	A Endosulfan I	5.369	6.210	437.7E6	119.1E6	48.972	47.846
10)	B gamma-Chl...	5.260	6.088	503.1E6	134.9E6	51.405	50.277
11)	B alpha-Chl...	5.316	6.160	493.1E6	134.6E6	50.856	49.897
12)	B 4,4'-DDE	5.484	6.318	470.5E6	124.7E6	53.601	53.375
13)	MA Dieldrin	5.609	6.467	485.1E6	128.2E6	50.758	49.897
14)	MA Endrin	5.862	6.684	400.2E6	100.7E6	44.437	44.258
15)	B Endosulfa...	6.137	6.894	388.6E6	107.4E6	44.824	45.687
16)	A 4,4'-DDD	5.995	6.808	354.8E6	96624617	48.457	50.245
17)	MA 4,4'-DDT	6.230	7.106	380.2E6	101.8E6	50.688	51.598
18)	B Endrin al...	6.303	7.018	285.5E6	82536594	39.052	40.376
19)	B Endosulfa...	6.515	7.239	321.3E6	112.7E6	39.530	50.095m#
20)	A Methoxychlor	6.776	7.564	178.7E6	51796874	40.680	42.200
21)	B Endrin ke...	6.998	7.710	417.5E6	108.6E6	45.315	45.651
22)	Mirex	7.175	8.163	325.8E6	92613131	43.786	46.500

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031119\
Data File : PL045666.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Mar 2019 14:13
Operator : AJ\SJ
Sample : K1817-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

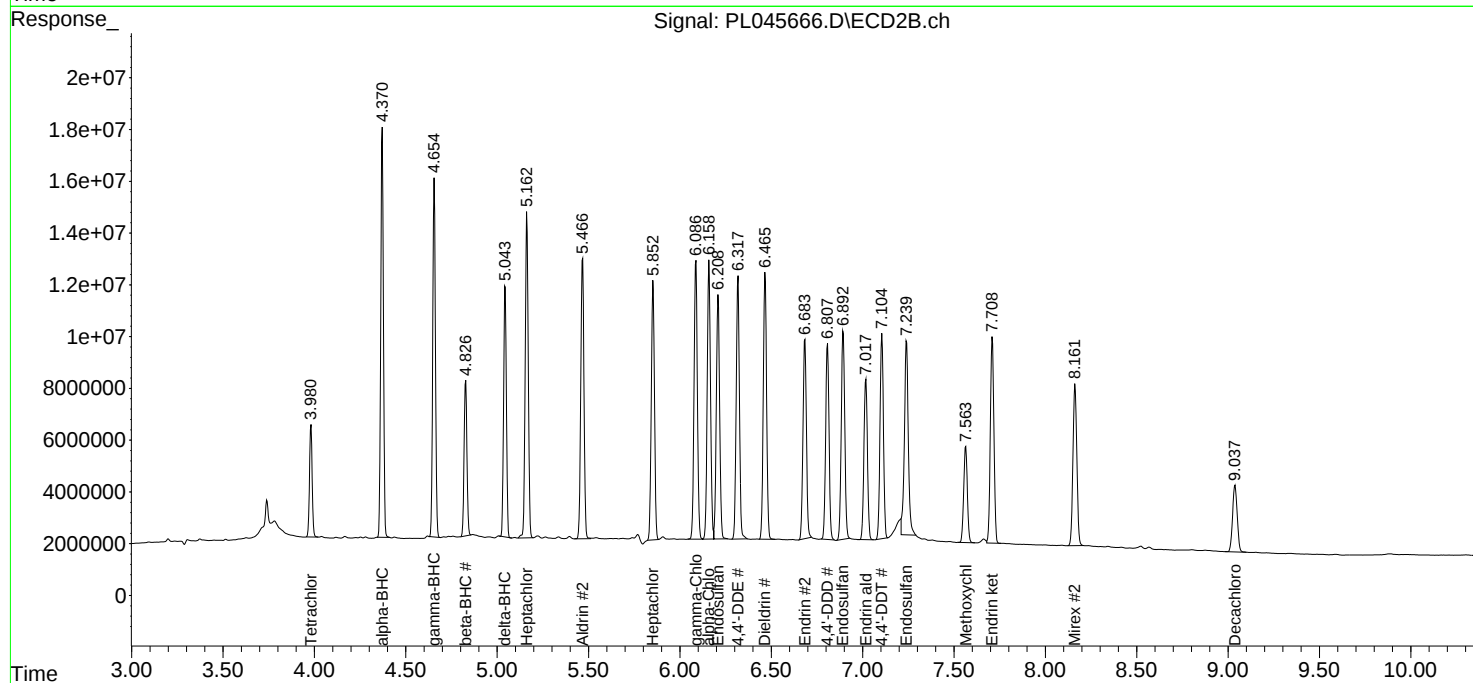
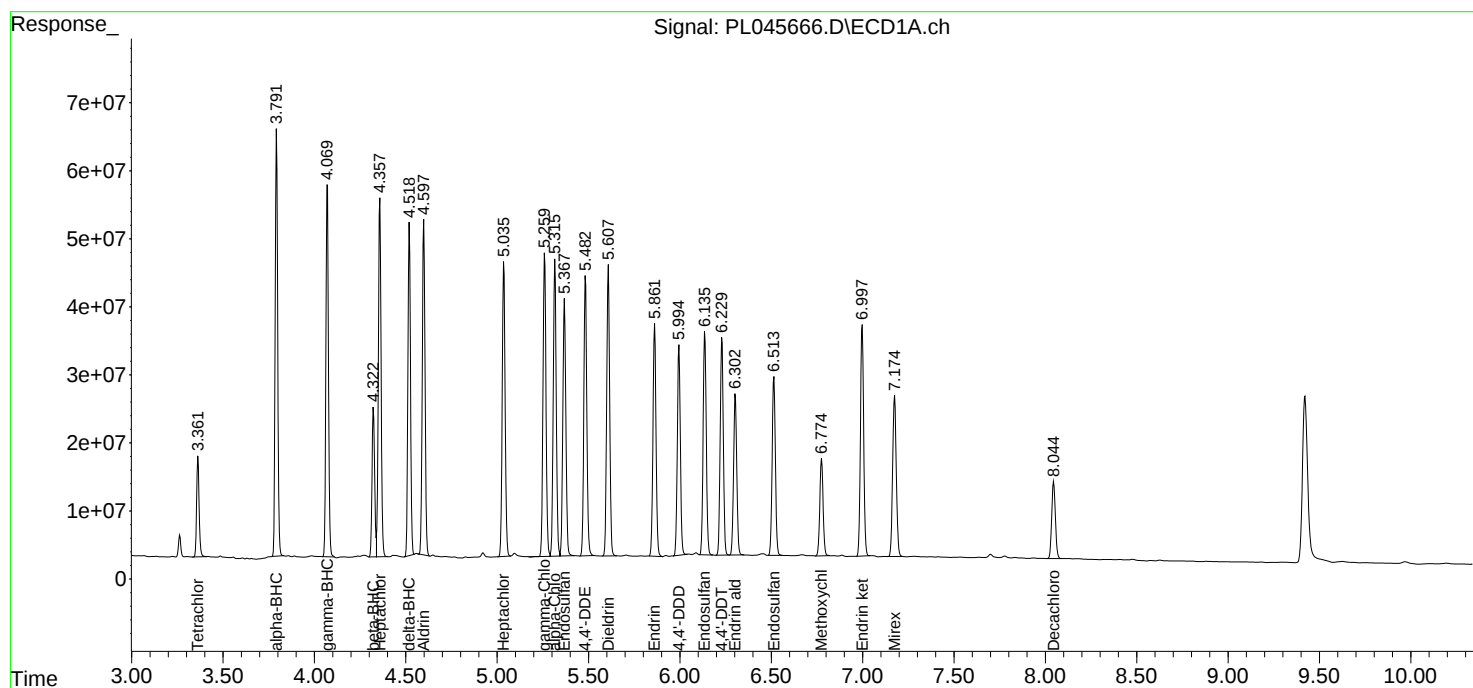
Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MS

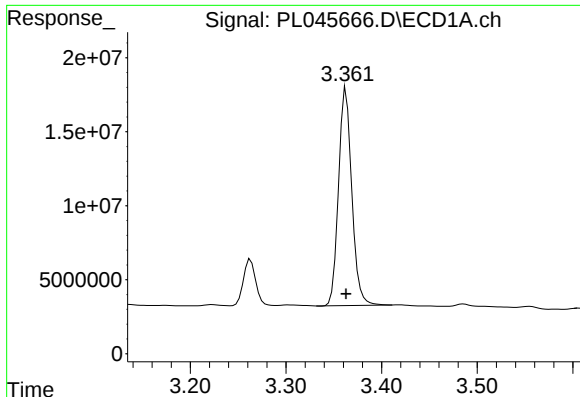
Manual Integrations
APPROVED

Sohil
3/12/2019 9:30:46 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 12 01:06:46 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
Quant Title : GC Extractables
QLast Update : Wed Feb 27 17:00:03 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





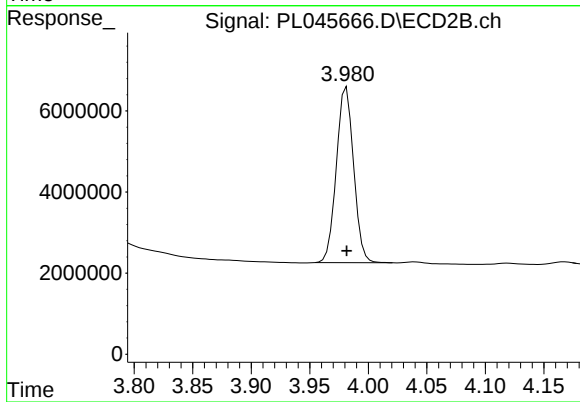
#1 Tetrachloro-m-xylene

R.T.: 3.363 min
Delta R.T.: 0.000 min
Response: 141625256
Conc: 20.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MS

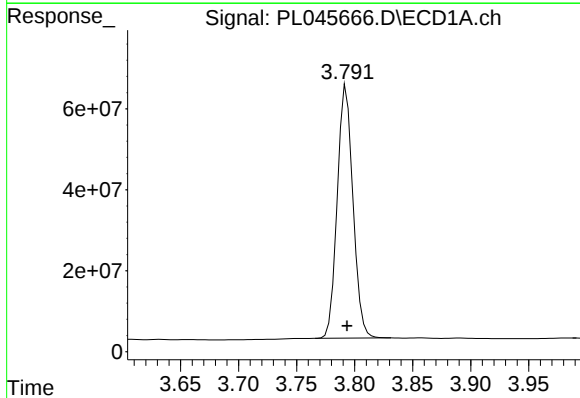
Manual Integrations
APPROVED

Sohil
3/12/2019 9:30:46 AM



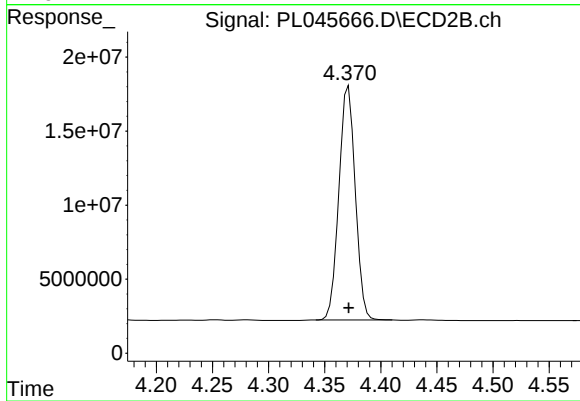
#1 Tetrachloro-m-xylene

R.T.: 3.981 min
Delta R.T.: 0.000 min
Response: 44421056
Conc: 20.74 ng/ml



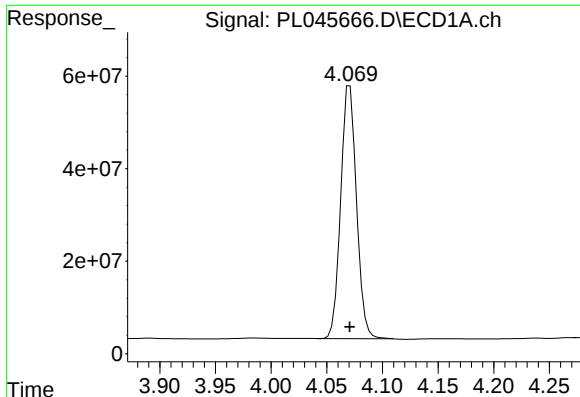
#2 alpha-BHC

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 590584417
Conc: 53.17 ng/ml



#2 alpha-BHC

R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 160537999
Conc: 52.83 ng/ml



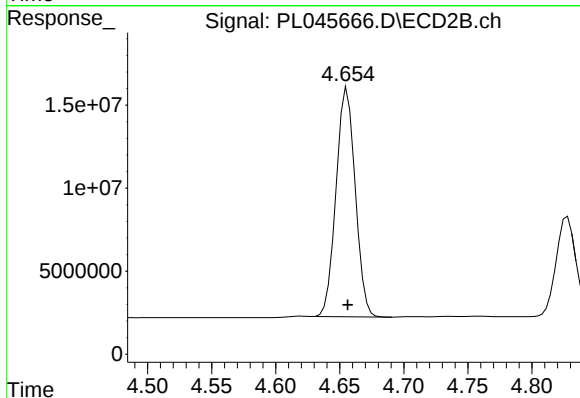
#3 gamma-BHC (Lindane)

R.T.: 4.071 min
Delta R.T.: 0.000 min
Response: 540576931
Conc: 53.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MS

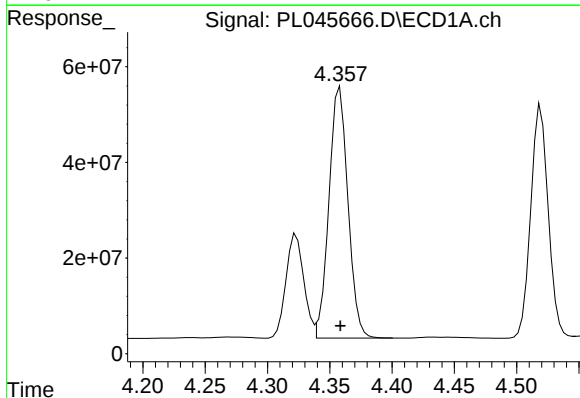
Manual Integrations
APPROVED

Sohil
3/12/2019 9:30:46 AM



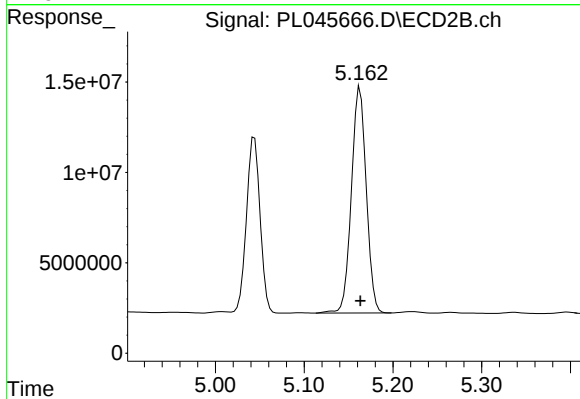
#3 gamma-BHC (Lindane)

R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 143464158
Conc: 50.79 ng/ml



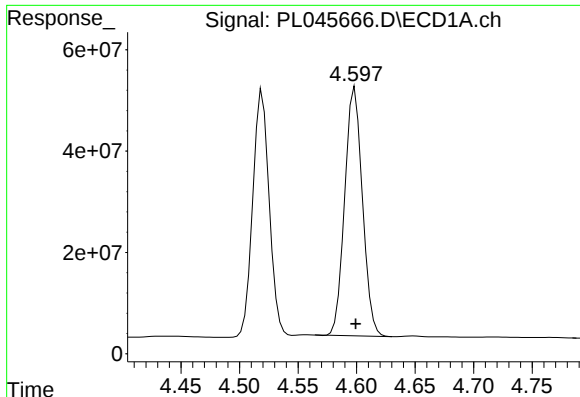
#4 Heptachlor

R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 557084992
Conc: 52.79 ng/ml



#4 Heptachlor

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 145441297
Conc: 48.89 ng/ml



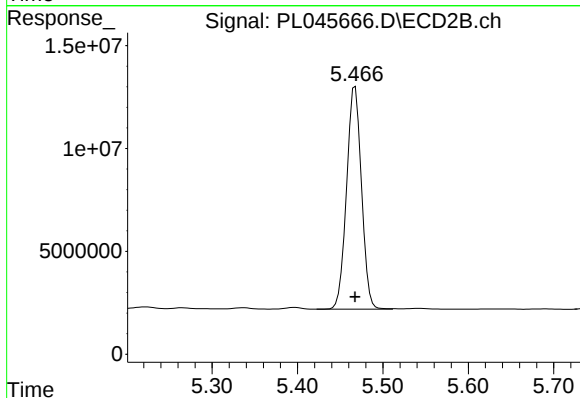
#5 Aldrin

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 517031896
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MS

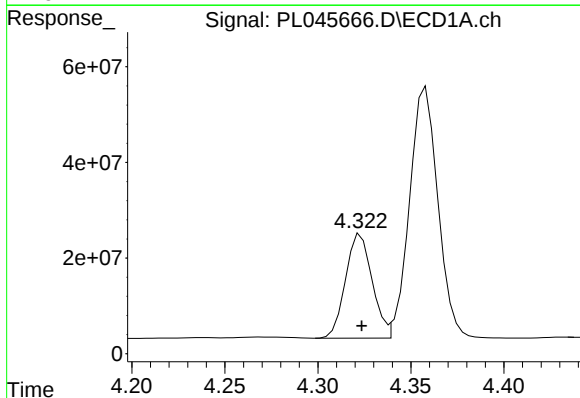
Manual Integrations
APPROVED

Sohil
3/12/2019 9:30:46 AM



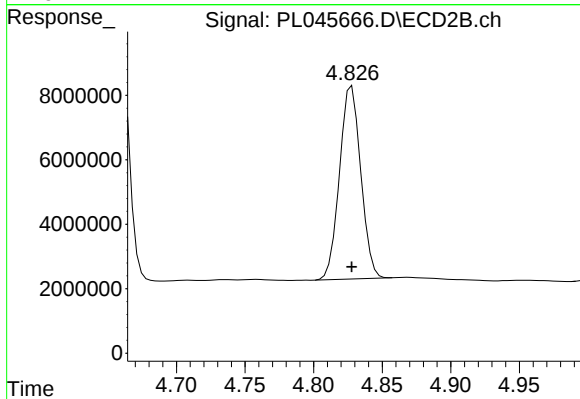
#5 Aldrin

R.T.: 5.468 min
Delta R.T.: 0.000 min
Response: 131249637
Conc: 48.59 ng/ml



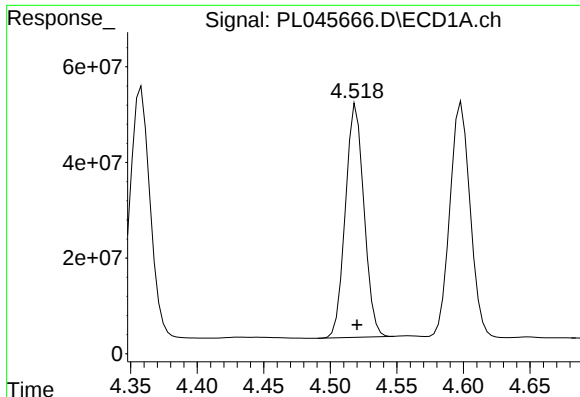
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 217064574
Conc: 50.64 ng/ml



#6 beta-BHC

R.T.: 4.828 min
Delta R.T.: 0.000 min
Response: 64608310
Conc: 50.87 ng/ml



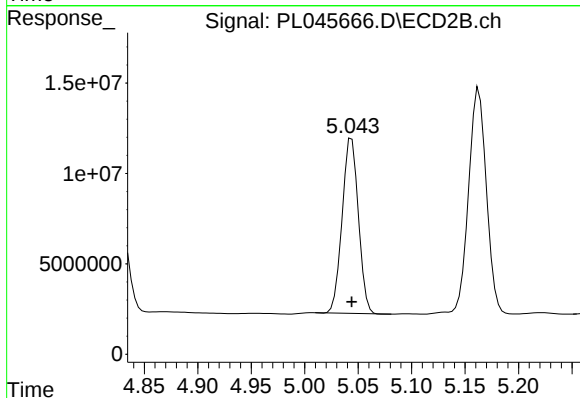
#7 delta-BHC

R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 473880155
Conc: 49.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MS

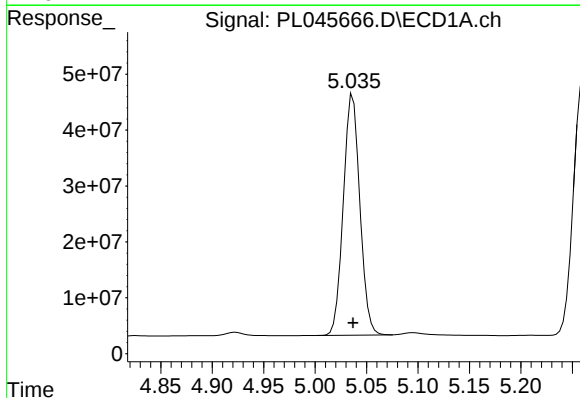
Manual Integrations
APPROVED

Sohil
3/12/2019 9:30:46 AM



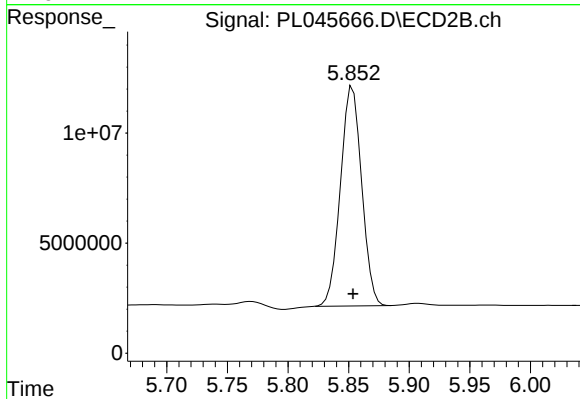
#7 delta-BHC

R.T.: 5.044 min
Delta R.T.: 0.000 min
Response: 102566772
Conc: 47.69 ng/ml



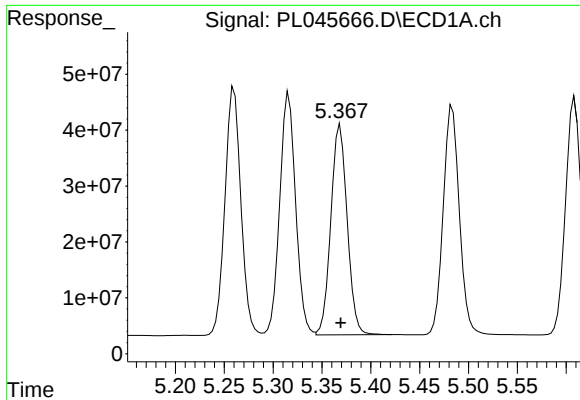
#8 Heptachlor epoxide

R.T.: 5.037 min
Delta R.T.: 0.000 min
Response: 482838779
Conc: 51.73 ng/ml



#8 Heptachlor epoxide

R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 121530168
Conc: 50.60 ng/ml



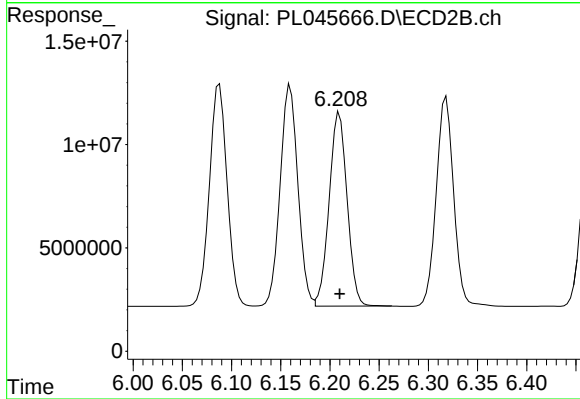
#9 Endosulfan I

R.T.: 5.369 min
Delta R.T.: 0.000 min
Response: 437730265
Conc: 48.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MS

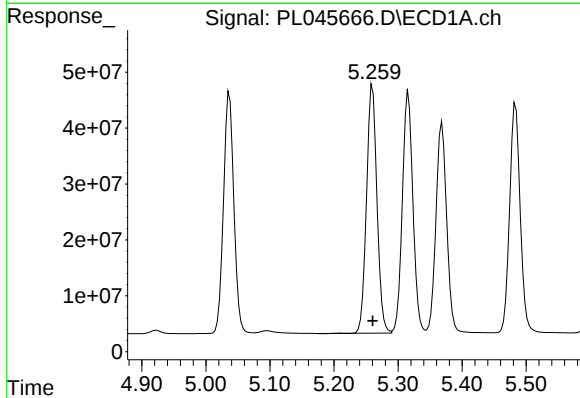
Manual Integrations
APPROVED

Sohil
3/12/2019 9:30:46 AM



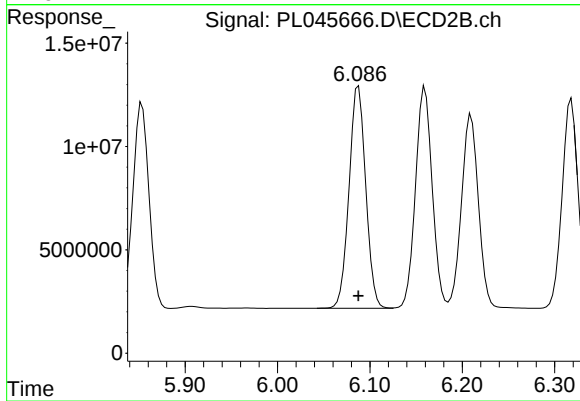
#9 Endosulfan I

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 119149985
Conc: 47.85 ng/ml



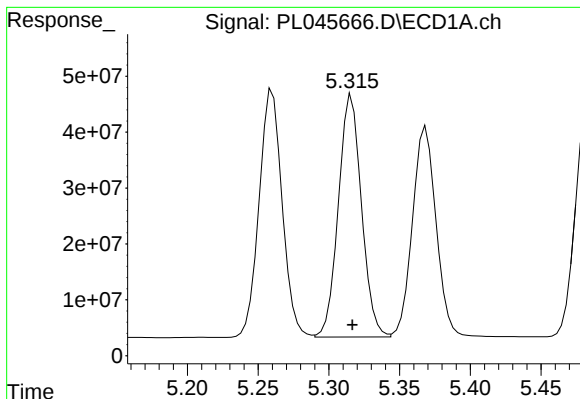
#10 gamma-Chlordane

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 503097419
Conc: 51.40 ng/ml



#10 gamma-Chlordane

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 134889483
Conc: 50.28 ng/ml



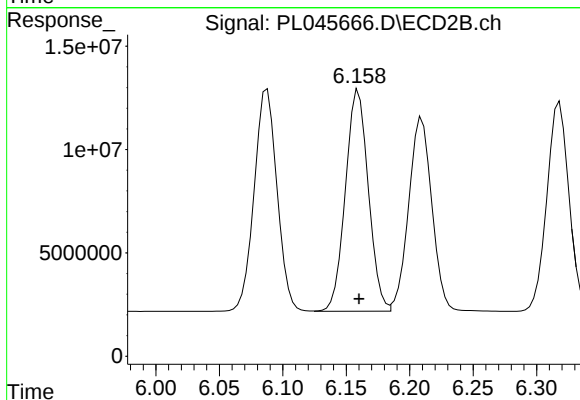
#11 alpha-Chlordane

R.T.: 5.316 min
Delta R.T.: 0.000 min
Response: 493148027
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MS

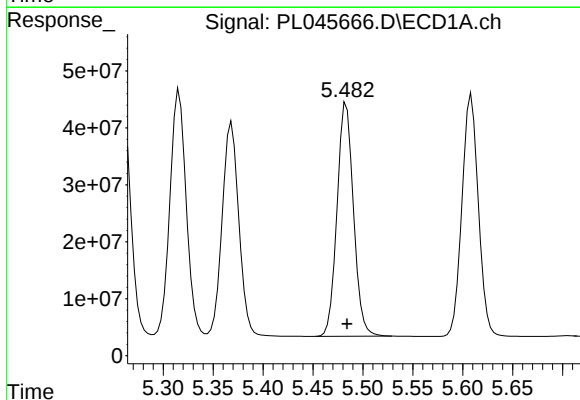
Manual Integrations
APPROVED

Sohil
3/12/2019 9:30:46 AM



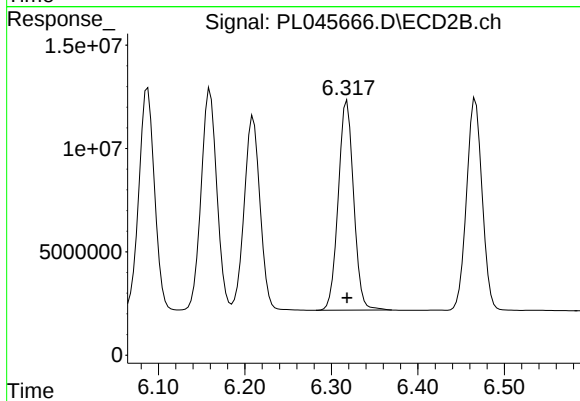
#11 alpha-Chlordane

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 134606411
Conc: 49.90 ng/ml



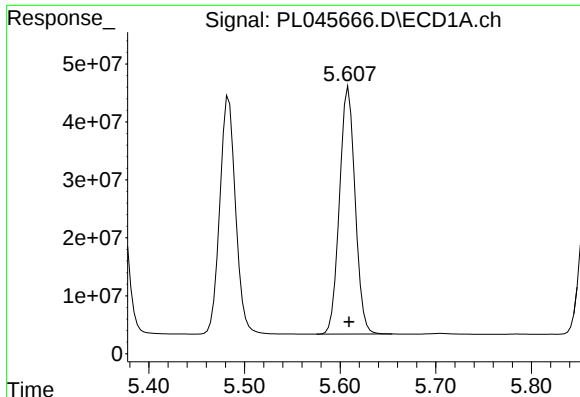
#12 4,4'-DDE

R.T.: 5.484 min
Delta R.T.: 0.000 min
Response: 470520541
Conc: 53.60 ng/ml



#12 4,4'-DDE

R.T.: 6.318 min
Delta R.T.: 0.000 min
Response: 124677885
Conc: 53.37 ng/ml



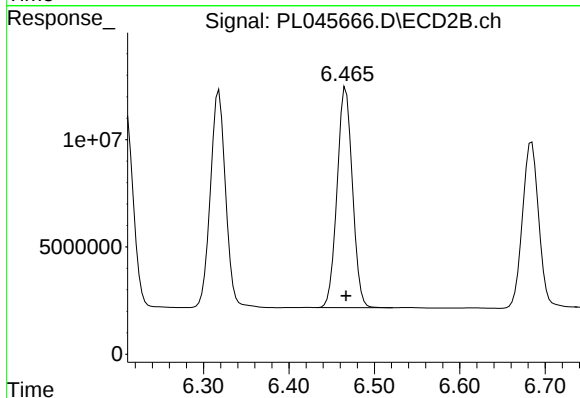
#13 Dieldrin

R.T.: 5.609 min
Delta R.T.: 0.000 min
Response: 485139566
Conc: 50.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MS

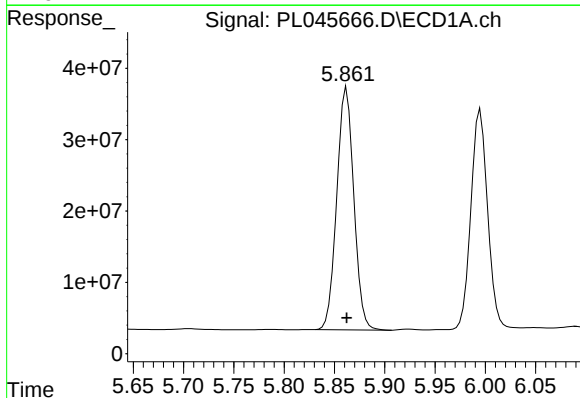
Manual Integrations
APPROVED

Sohil
3/12/2019 9:30:46 AM



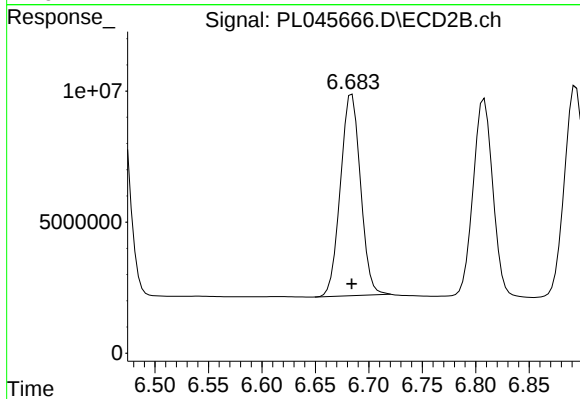
#13 Dieldrin

R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 128220628
Conc: 49.90 ng/ml



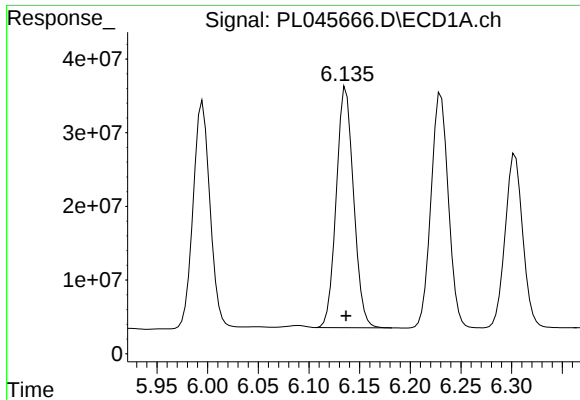
#14 Endrin

R.T.: 5.862 min
Delta R.T.: 0.000 min
Response: 400185840
Conc: 44.44 ng/ml



#14 Endrin

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 100700677
Conc: 44.26 ng/ml



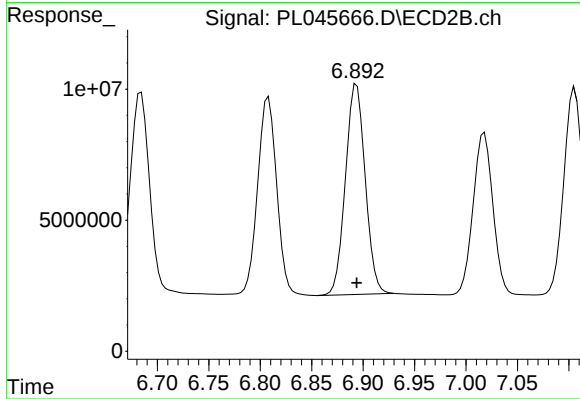
#15 Endosulfan II

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 388563813
Conc: 44.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MS

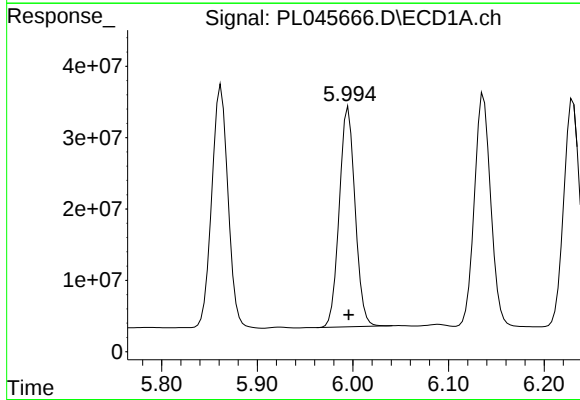
Manual Integrations
APPROVED

Sohil
3/12/2019 9:30:46 AM



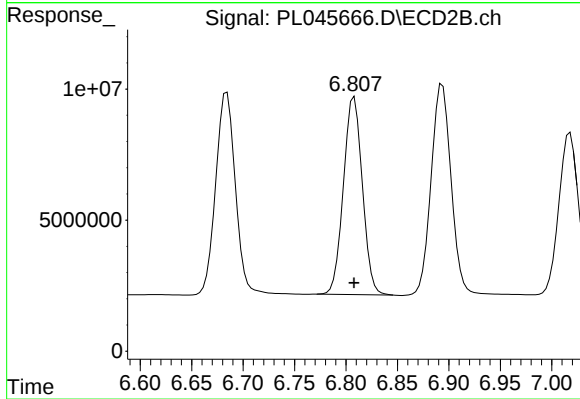
#15 Endosulfan II

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 107438809
Conc: 45.69 ng/ml



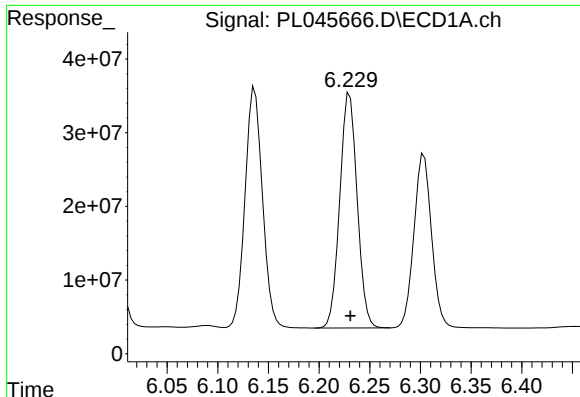
#16 4,4'-DDD

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 354794827
Conc: 48.46 ng/ml



#16 4,4'-DDD

R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 96624617
Conc: 50.24 ng/ml



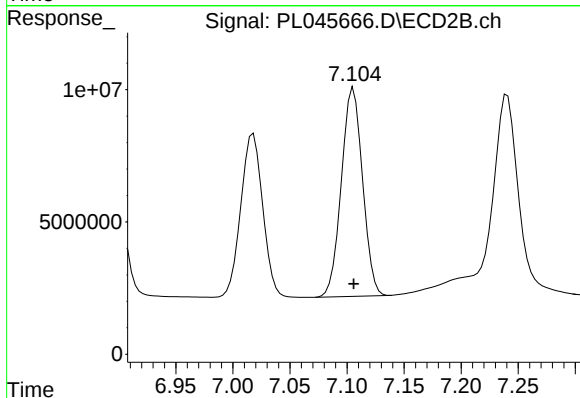
#17 4,4'-DDT

R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 380167556
Conc: 50.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MS

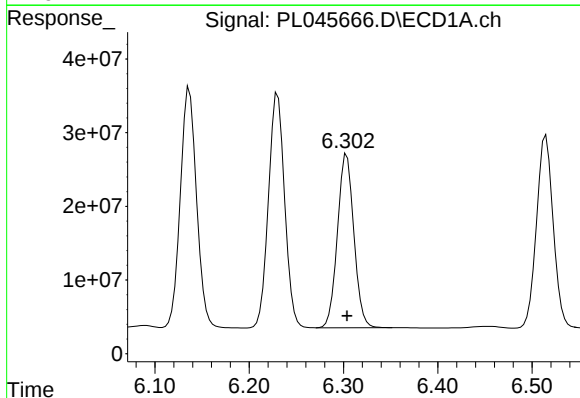
Manual Integrations
APPROVED

Sohil
3/12/2019 9:30:46 AM



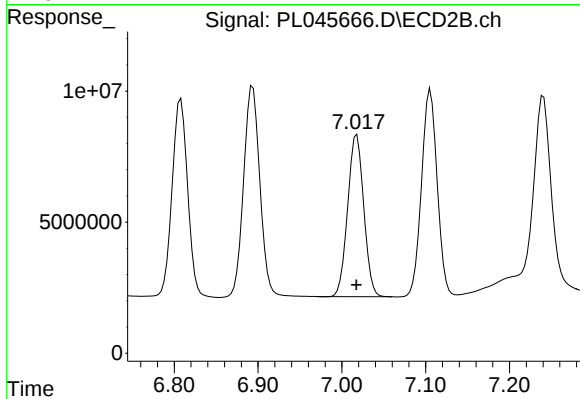
#17 4,4'-DDT

R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 101825038
Conc: 51.60 ng/ml



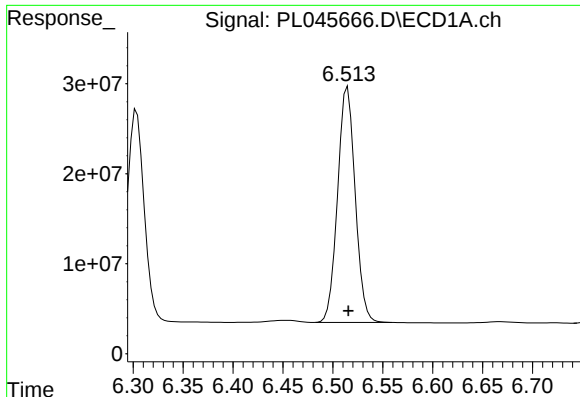
#18 Endrin aldehyde

R.T.: 6.303 min
Delta R.T.: 0.000 min
Response: 285453119
Conc: 39.05 ng/ml



#18 Endrin aldehyde

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 82536594
Conc: 40.38 ng/ml



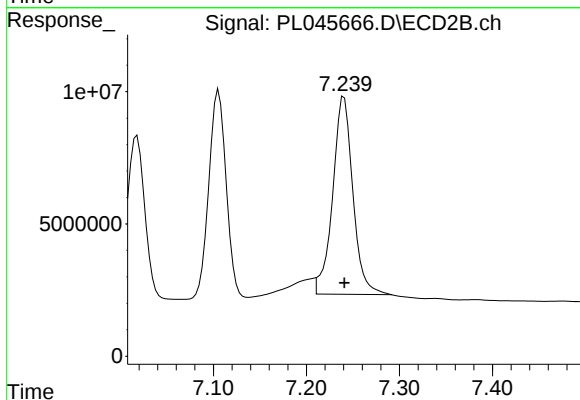
#19 Endosulfan Sulfate

R.T.: 6.515 min
Delta R.T.: 0.000 min
Response: 321303747
Conc: 39.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MS

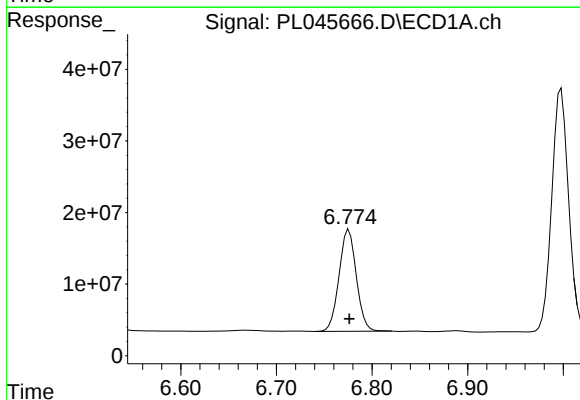
Manual Integrations
APPROVED

Sohil
3/12/2019 9:30:46 AM



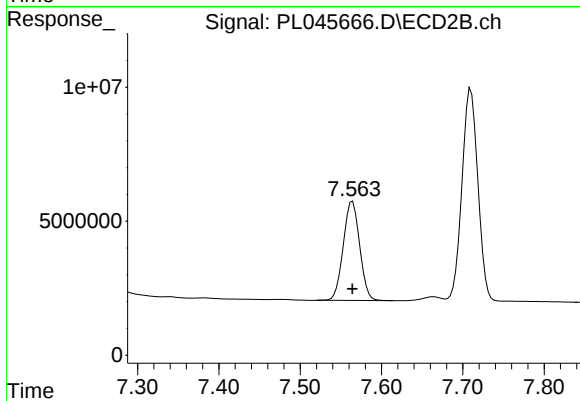
#19 Endosulfan Sulfate

R.T.: 7.239 min
Delta R.T.: -0.002 min
Response: 112688329
Conc: 50.09 ng/ml m



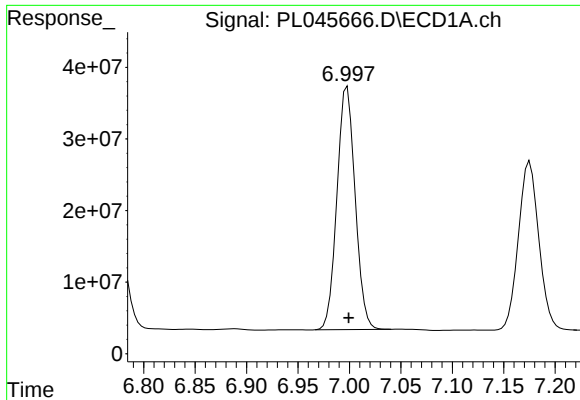
#20 Methoxychlor

R.T.: 6.776 min
Delta R.T.: 0.000 min
Response: 178655272
Conc: 40.68 ng/ml



#20 Methoxychlor

R.T.: 7.564 min
Delta R.T.: 0.000 min
Response: 51796874
Conc: 42.20 ng/ml



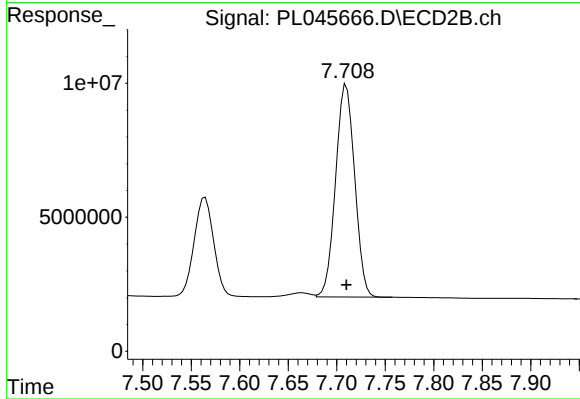
#21 Endrin ketone

R.T.: 6.998 min
Delta R.T.: -0.001 min
Response: 417474430
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MS

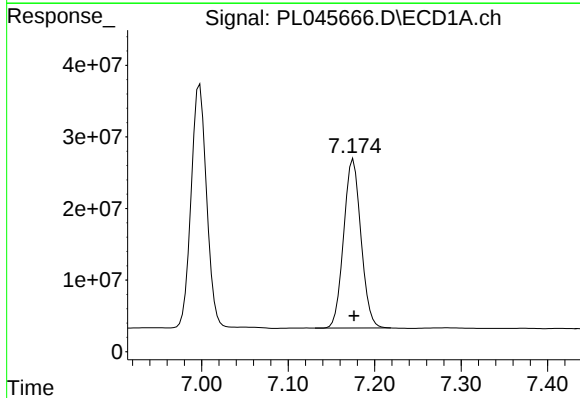
Manual Integrations
APPROVED

Sohil
3/12/2019 9:30:46 AM



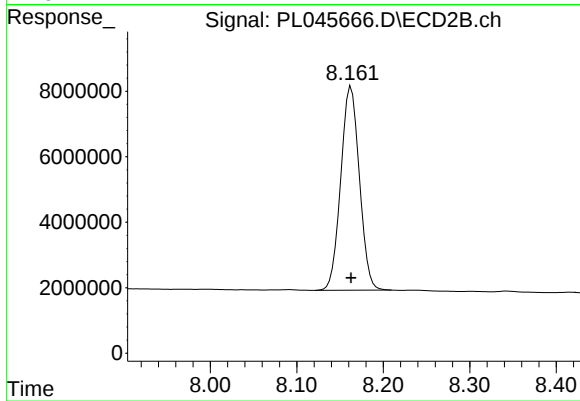
#21 Endrin ketone

R.T.: 7.710 min
Delta R.T.: 0.000 min
Response: 108576993
Conc: 45.65 ng/ml



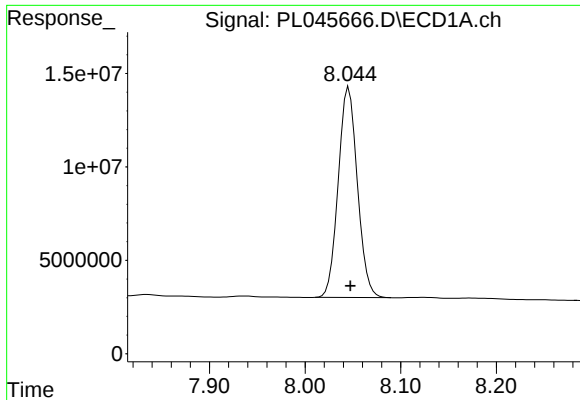
#22 Mirex

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 325773987
Conc: 43.79 ng/ml



#22 Mirex

R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 92613131
Conc: 46.50 ng/ml



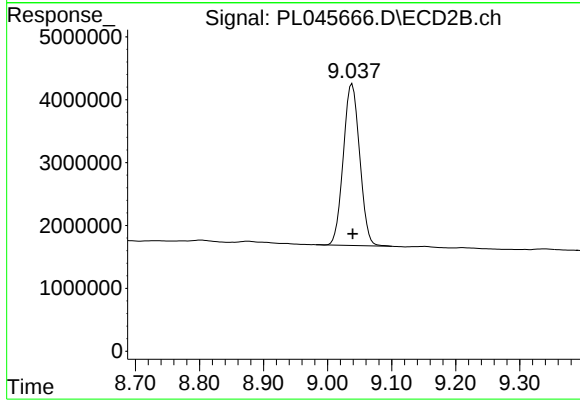
#28 Decachlorobiphenyl

R.T.: 8.046 min
Delta R.T.: -0.002 min
Response: 156840139
Conc: 18.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-028-B011-030619MS

Manual Integrations
APPROVED

Sohil
3/12/2019 9:30:46 AM



#28 Decachlorobiphenyl

R.T.: 9.038 min
Delta R.T.: 0.000 min
Response: 45530159
Conc: 19.93 ng/ml