

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061419\
 Data File : PL049498.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jun 2019 15:33
 Operator : SM\AJ
 Sample : K3159-02MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-03-061119-AMSD

Manual Integrations
 APPROVED

Ankita
 6/17/2019 9:28:52 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 14 23:01:03 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL053019.M
 Quant Title : GC Extractables
 QLast Update : Fri May 31 01:35:35 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...	3.323	3.935	191.2E6	60147981	17.351	20.819
28)	SA Decachlor...	7.989	8.971	187.1E6	54646432	14.714	16.363
Target Compounds							
2)	A alpha-BHC	3.751	4.322	826.9E6	218.7E6	45.895	54.553m
3)	MA gamma-BHC...	4.026	4.607	781.3E6	197.5E6	46.098	52.756
4)	MA Heptachlor	4.311	5.109	829.3E6	206.0E6	46.834	51.254m
5)	MB Aldrin	4.549	5.413	768.3E6	185.3E6	45.000	50.357
6)	B beta-BHC	4.281	4.782	321.6E6	86094276	46.284	49.983
7)	B delta-BHC	4.474	4.995	688.8E6	153.6E6	42.624	50.090m
8)	B Heptachlor...	4.986	5.799	684.9E6	161.0E6	46.181	49.263
9)	A Endosulfan I	5.317	6.155	625.3E6	149.4E6	42.726	46.396
10)	B gamma-Chl...	5.208	6.033	706.5E6	163.2E6	44.257	47.188
11)	B alpha-Chl...	5.264	6.105	680.8E6	160.2E6	43.580	46.185
12)	B 4,4'-DDE	5.432	6.265	663.3E6	156.2E6	42.406	47.583
13)	MA Dieldrin	5.555	6.411	658.3E6	156.1E6	43.055	46.533
14)	MA Endrin	5.808	6.628	599.6E6	136.9E6	41.574	45.867
15)	B Endosulfa...	6.083	6.839	555.8E6	132.9E6	42.085	43.830
16)	A 4,4'-DDD	5.943	6.755	479.8E6	113.6E6	40.317	43.195
17)	MA 4,4'-DDT	6.177	7.052	528.5E6	121.3E6	42.926	43.261
18)	B Endrin al...	6.250	6.963	453.4E6	111.8E6	41.433	43.358
19)	B Endosulfa...	6.461	7.186	503.3E6	121.5E6	38.763	39.940
20)	A Methoxychlor	6.722	7.512	246.5E6	69173162	38.436	41.725
21)	B Endrin ke...	6.943	7.655	533.2E6	134.5E6	37.468	42.282
22)	Mirex	7.117	8.104	401.8E6	112.5E6	38.135	43.320

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061419\
Data File : PL049498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 14 Jun 2019 15:33
Operator : SM\AJ
Sample : K3159-02MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

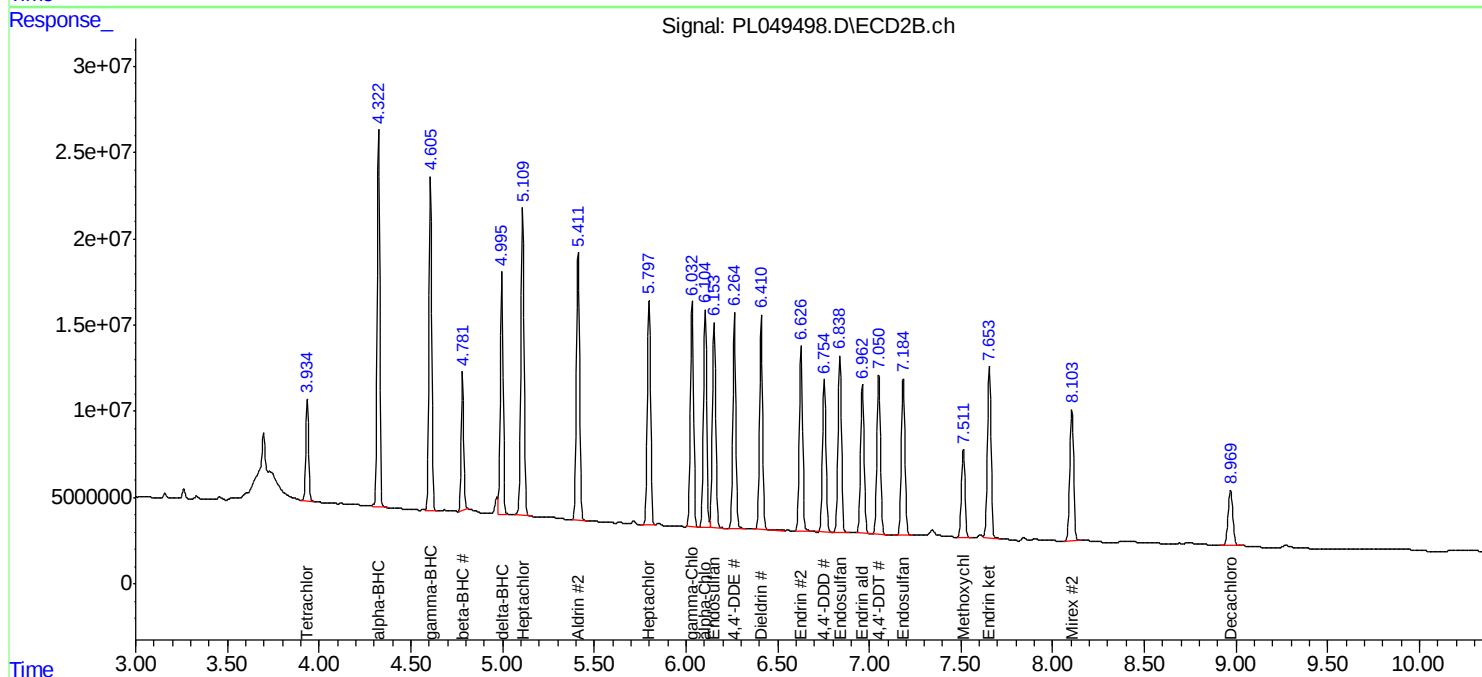
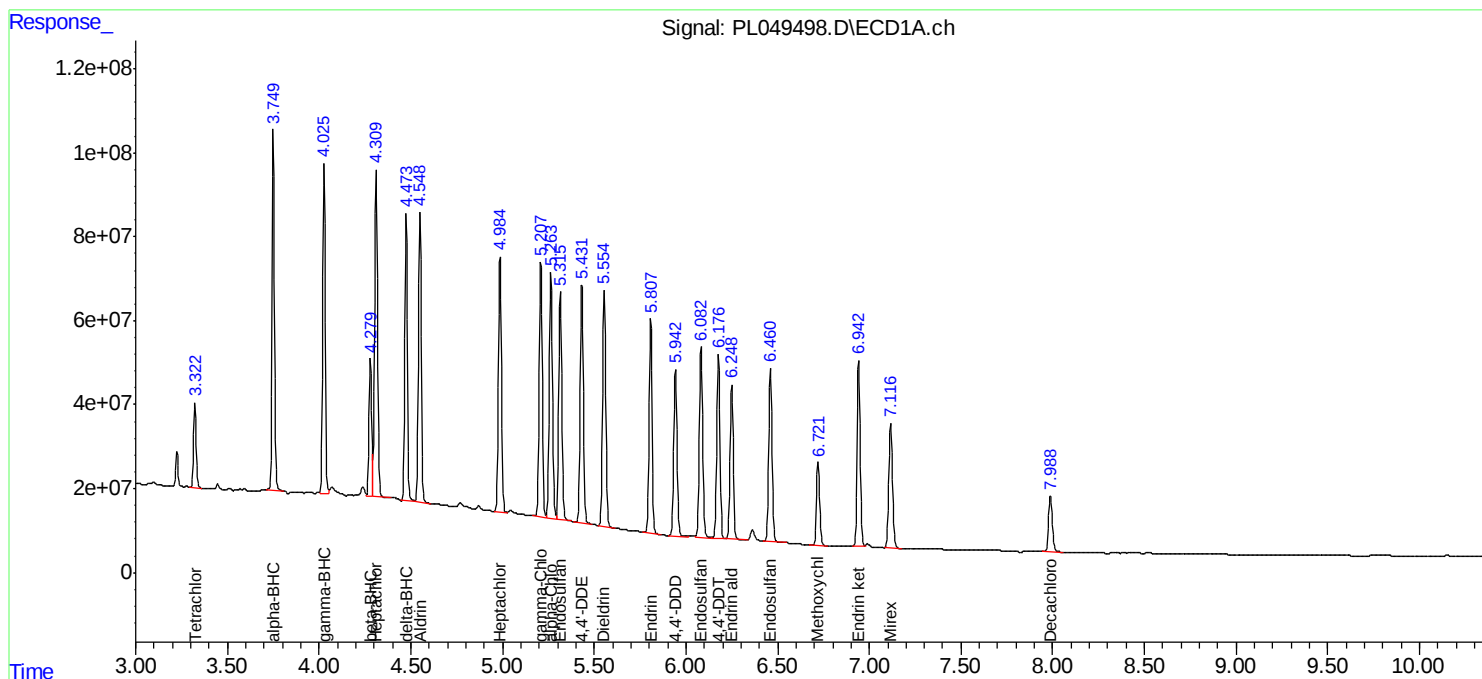
Instrument :
ECD_L
ClientSampled :
OR-03-061119-AMSD

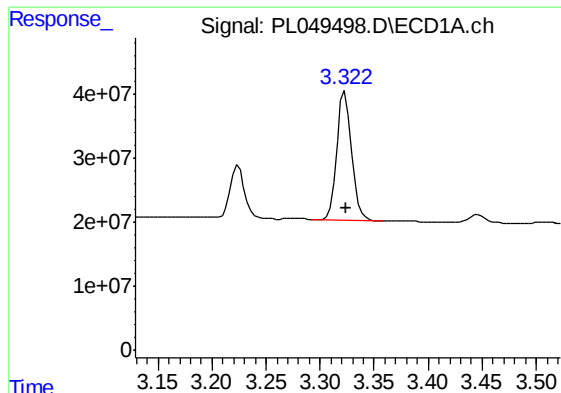
Manual Integrations
APPROVED

Ankita
6/17/2019 9:28:52 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 14 23:01:03 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL053019.M
Quant Title : GC Extractables
QLast Update : Fri May 31 01:35:35 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





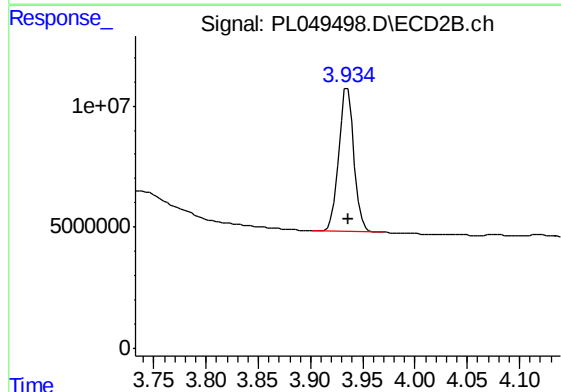
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 191183713
Conc: 17.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-061119-AMSD

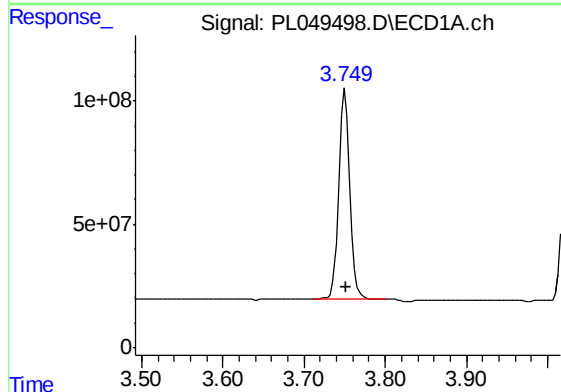
Manual Integrations
APPROVED

Ankita
6/17/2019 9:28:52 AM



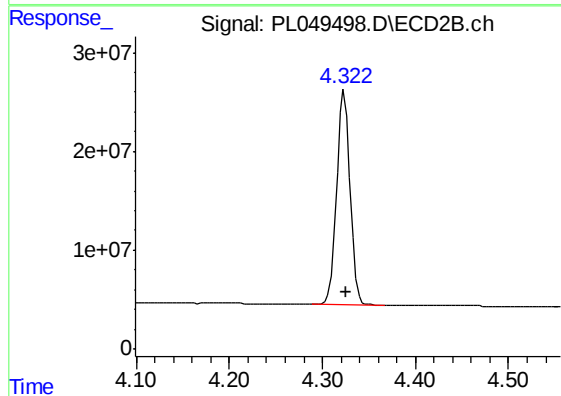
#1 Tetrachloro-m-xylene

R.T.: 3.935 min
Delta R.T.: -0.001 min
Response: 60147981
Conc: 20.82 ng/ml



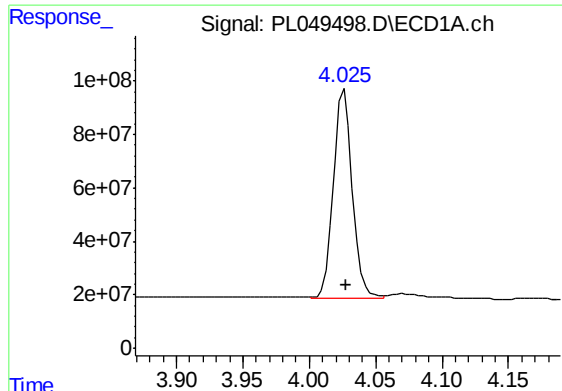
#2 alpha-BHC

R.T.: 3.751 min
Delta R.T.: -0.001 min
Response: 826872385
Conc: 45.90 ng/ml



#2 alpha-BHC

R.T.: 4.322 min
Delta R.T.: -0.002 min
Response: 218665116
Conc: 54.55 ng/ml m



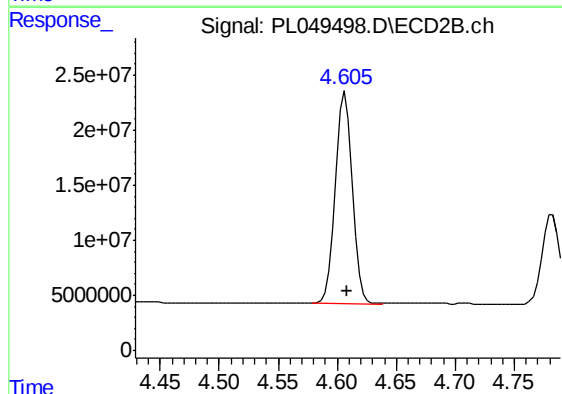
#3 gamma-BHC (Lindane)

R.T.: 4.026 min
Delta R.T.: -0.001 min
Response: 781287732
Conc: 46.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-061119-AMSD

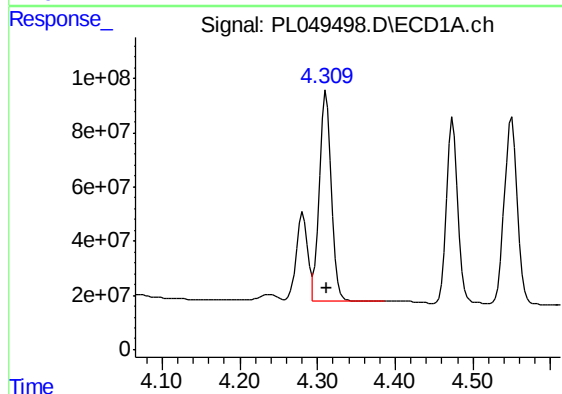
Manual Integrations
APPROVED

Ankita
6/17/2019 9:28:52 AM



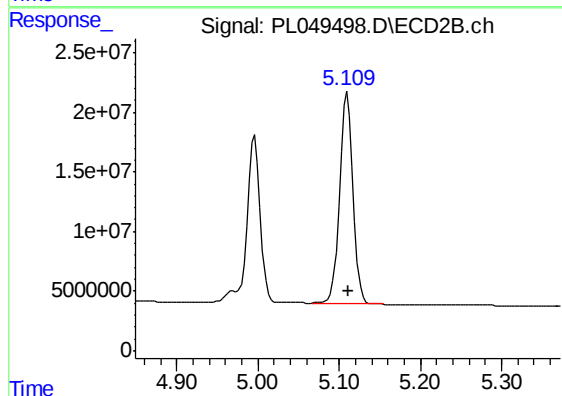
#3 gamma-BHC (Lindane)

R.T.: 4.607 min
Delta R.T.: -0.001 min
Response: 197497952
Conc: 52.76 ng/ml



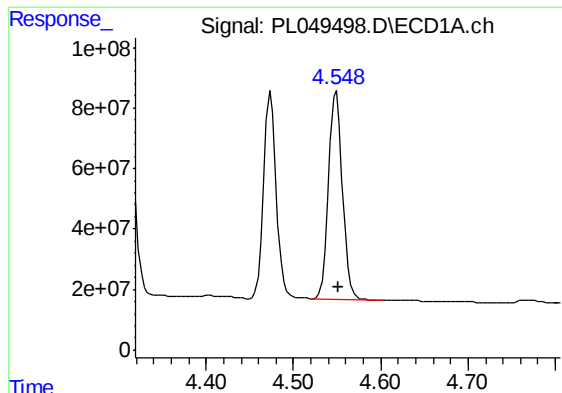
#4 Heptachlor

R.T.: 4.311 min
Delta R.T.: -0.001 min
Response: 829346042
Conc: 46.83 ng/ml



#4 Heptachlor

R.T.: 5.109 min
Delta R.T.: -0.003 min
Response: 205964500
Conc: 51.25 ng/ml m



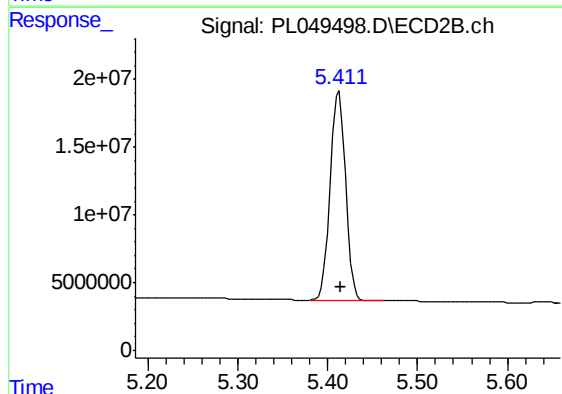
#5 Aldrin

R.T.: 4.549 min
Delta R.T.: -0.002 min
Response: 768345374
Conc: 45.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-061119-AMSD

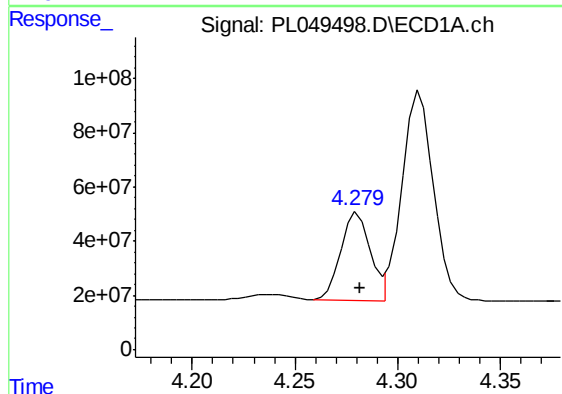
Manual Integrations
APPROVED

Ankita
6/17/2019 9:28:52 AM



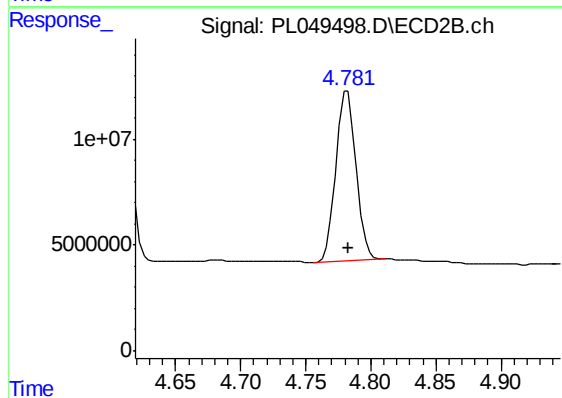
#5 Aldrin

R.T.: 5.413 min
Delta R.T.: -0.001 min
Response: 185273303
Conc: 50.36 ng/ml



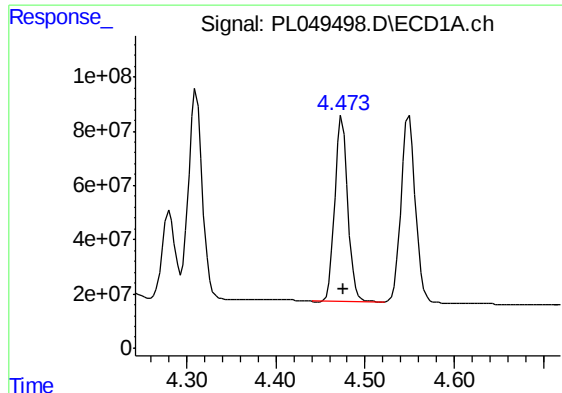
#6 beta-BHC

R.T.: 4.281 min
Delta R.T.: -0.001 min
Response: 321613341
Conc: 46.28 ng/ml



#6 beta-BHC

R.T.: 4.782 min
Delta R.T.: 0.000 min
Response: 86094276
Conc: 49.98 ng/ml



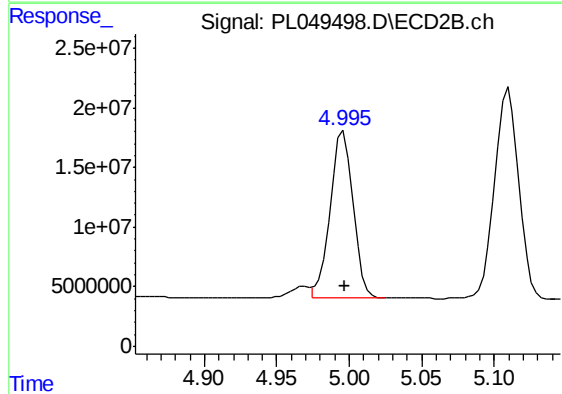
#7 delta-BHC

R.T.: 4.474 min
Delta R.T.: -0.001 min
Response: 688828818
Conc: 42.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-061119-AMSD

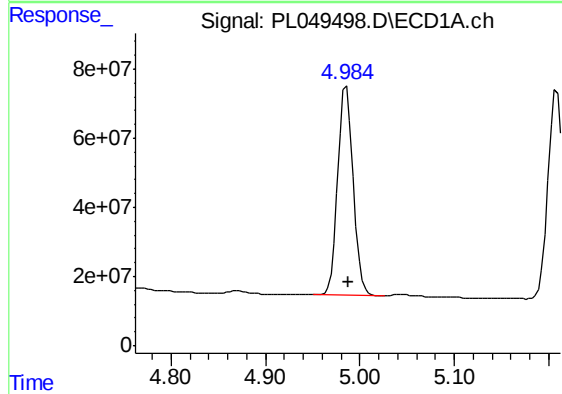
Manual Integrations
APPROVED

Ankita
6/17/2019 9:28:52 AM



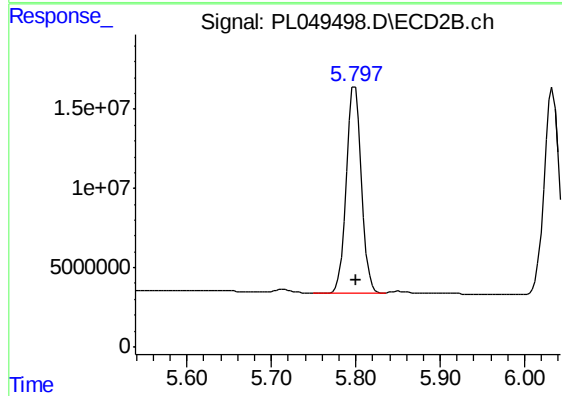
#7 delta-BHC

R.T.: 4.995 min
Delta R.T.: -0.002 min
Response: 153636458
Conc: 50.09 ng/ml m



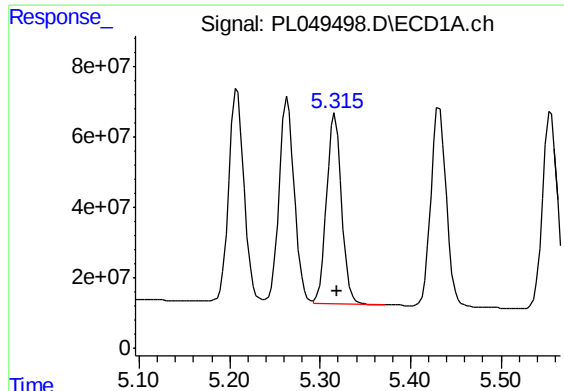
#8 Heptachlor epoxide

R.T.: 4.986 min
Delta R.T.: -0.002 min
Response: 684878651
Conc: 46.18 ng/ml



#8 Heptachlor epoxide

R.T.: 5.799 min
Delta R.T.: -0.002 min
Response: 161028581
Conc: 49.26 ng/ml



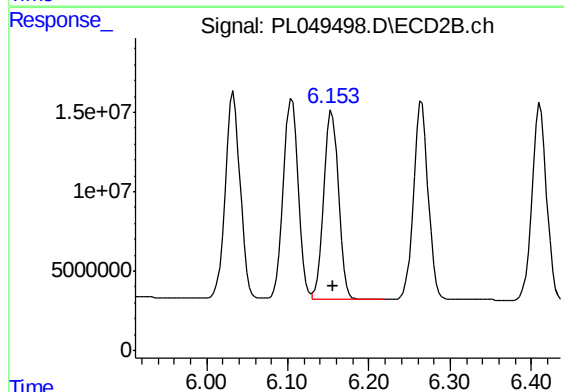
#9 Endosulfan I

R.T.: 5.317 min
Delta R.T.: -0.002 min
Response: 625269578
Conc: 42.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-061119-AMSD

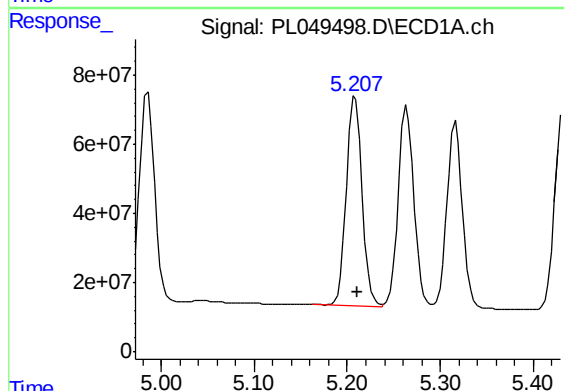
Manual Integrations
APPROVED

Ankita
6/17/2019 9:28:52 AM



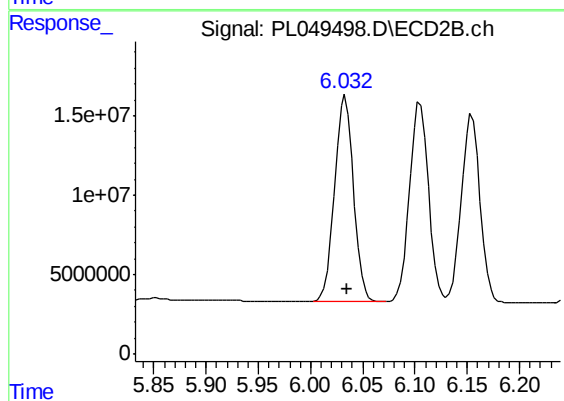
#9 Endosulfan I

R.T.: 6.155 min
Delta R.T.: -0.002 min
Response: 149430751
Conc: 46.40 ng/ml



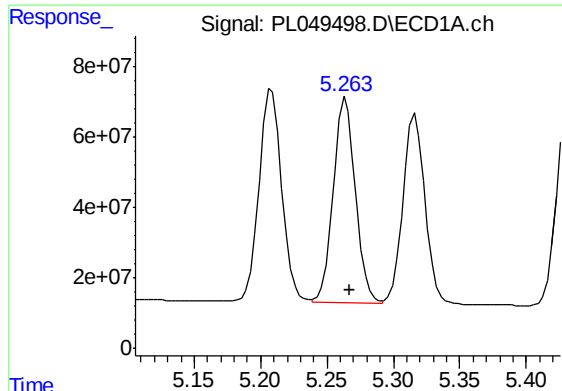
#10 gamma-Chlordane

R.T.: 5.208 min
Delta R.T.: -0.002 min
Response: 706518311
Conc: 44.26 ng/ml



#10 gamma-Chlordane

R.T.: 6.033 min
Delta R.T.: -0.002 min
Response: 163231791
Conc: 47.19 ng/ml



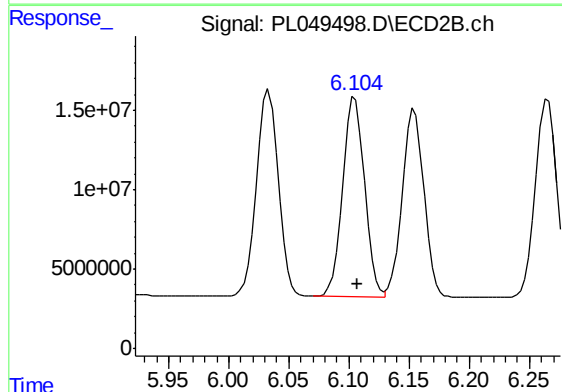
#11 alpha-Chlordane

R.T.: 5.264 min
Delta R.T.: -0.003 min
Response: 680815253
Conc: 43.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-061119-AMSD

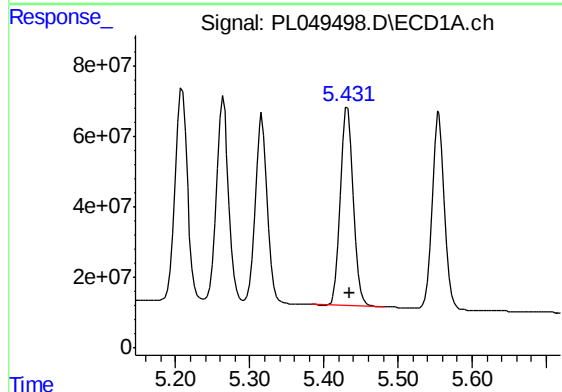
Manual Integrations
APPROVED

Ankita
6/17/2019 9:28:52 AM



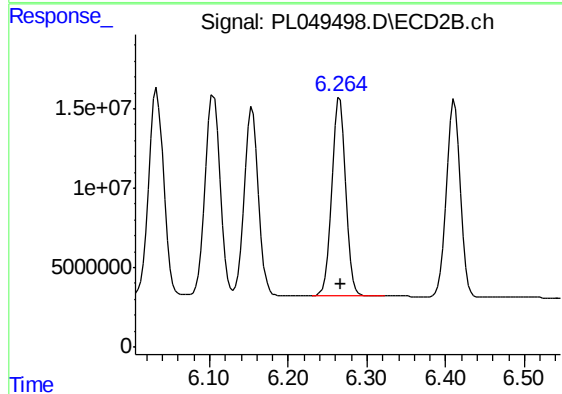
#11 alpha-Chlordane

R.T.: 6.105 min
Delta R.T.: -0.002 min
Response: 160221805
Conc: 46.18 ng/ml



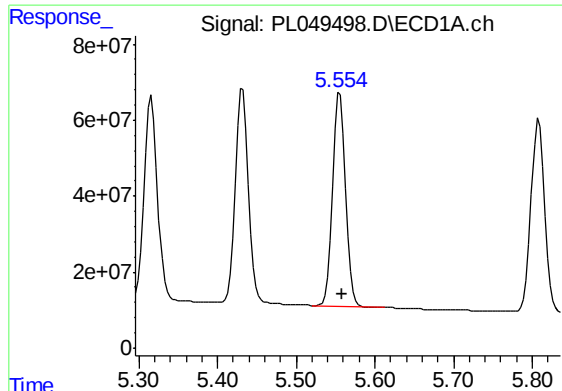
#12 4,4'-DDE

R.T.: 5.432 min
Delta R.T.: -0.003 min
Response: 663311990
Conc: 42.41 ng/ml



#12 4,4'-DDE

R.T.: 6.265 min
Delta R.T.: -0.001 min
Response: 156200577
Conc: 47.58 ng/ml



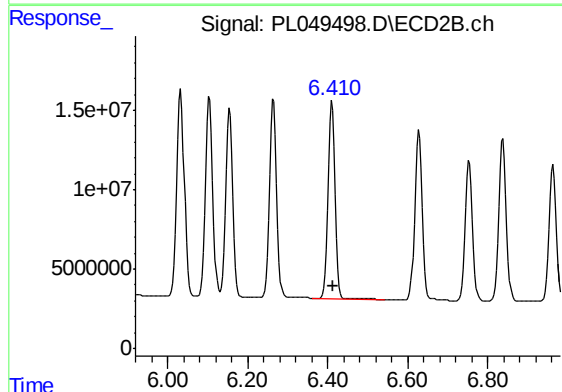
#13 Dielldrin

R.T.: 5.555 min
Delta R.T.: -0.003 min
Response: 658340669
Conc: 43.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-061119-AMSD

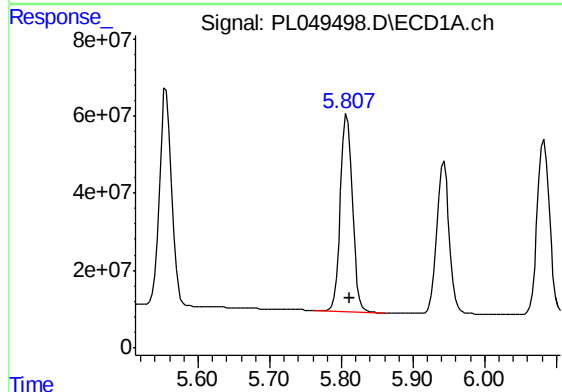
Manual Integrations
APPROVED

Ankita
6/17/2019 9:28:52 AM



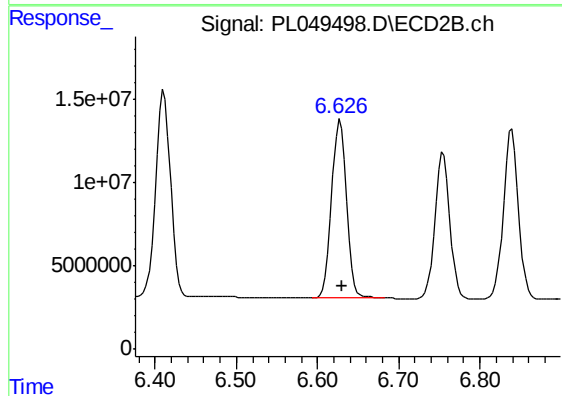
#13 Dielldrin

R.T.: 6.411 min
Delta R.T.: -0.001 min
Response: 156063312
Conc: 46.53 ng/ml



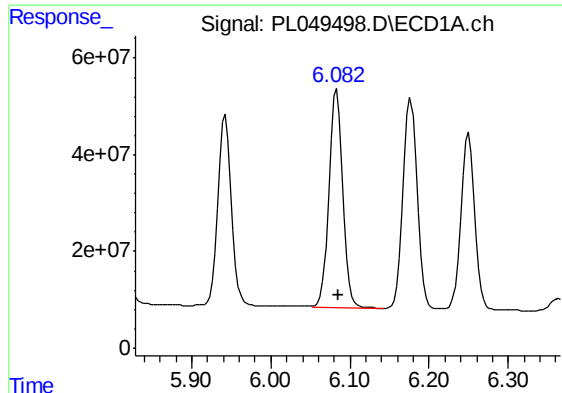
#14 Endrin

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 599634478
Conc: 41.57 ng/ml



#14 Endrin

R.T.: 6.628 min
Delta R.T.: -0.002 min
Response: 136877497
Conc: 45.87 ng/ml



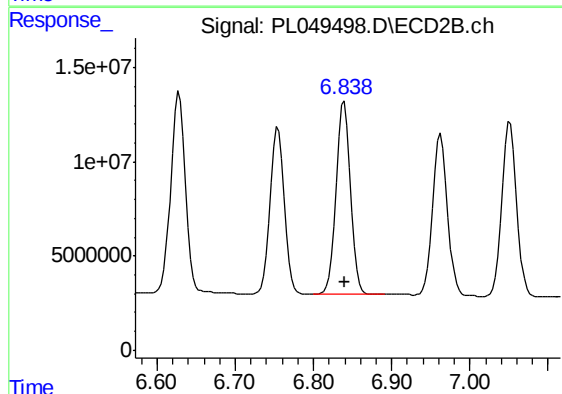
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 555753942
Conc: 42.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-061119-AMSD

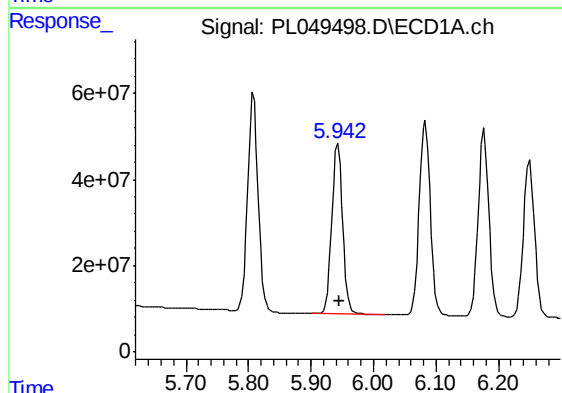
Manual Integrations
APPROVED

Ankita
6/17/2019 9:28:52 AM



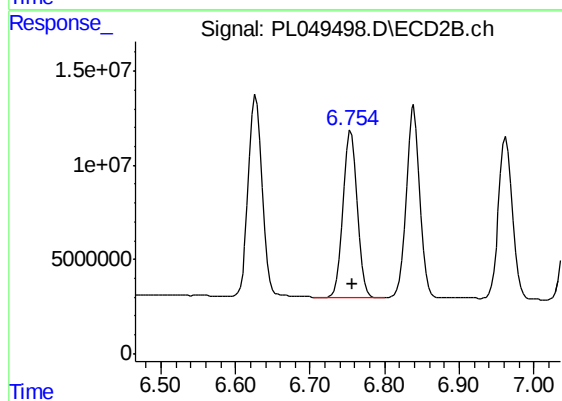
#15 Endosulfan II

R.T.: 6.839 min
Delta R.T.: -0.001 min
Response: 132941509
Conc: 43.83 ng/ml



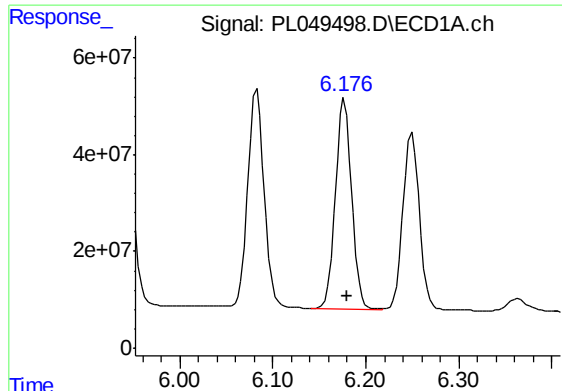
#16 4,4'-DDD

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 479800241
Conc: 40.32 ng/ml



#16 4,4'-DDD

R.T.: 6.755 min
Delta R.T.: -0.001 min
Response: 113615443
Conc: 43.19 ng/ml



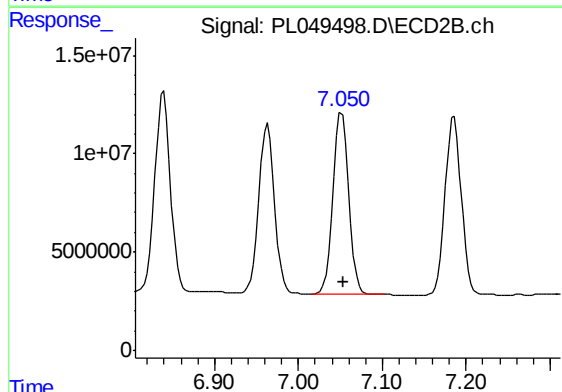
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: -0.003 min
Response: 528528280
Conc: 42.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-061119-AMSD

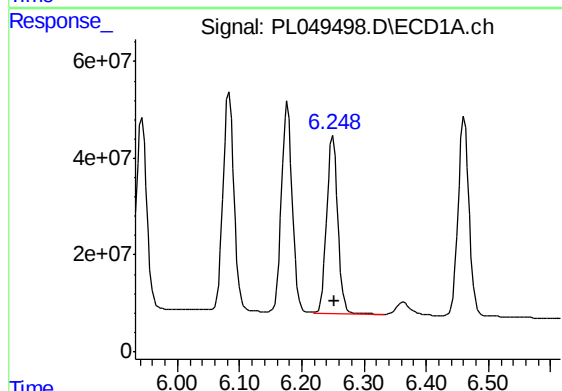
Manual Integrations
APPROVED

Ankita
6/17/2019 9:28:52 AM



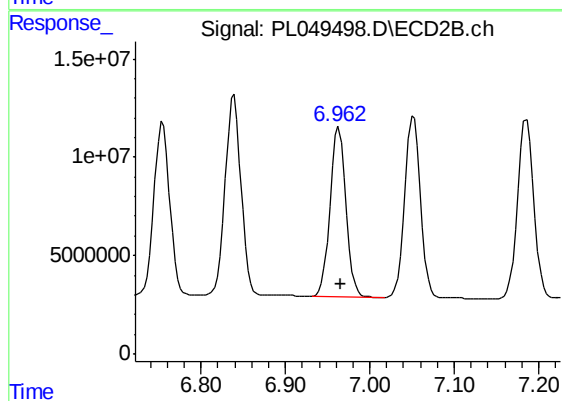
#17 4,4'-DDT

R.T.: 7.052 min
Delta R.T.: -0.002 min
Response: 121289750
Conc: 43.26 ng/ml



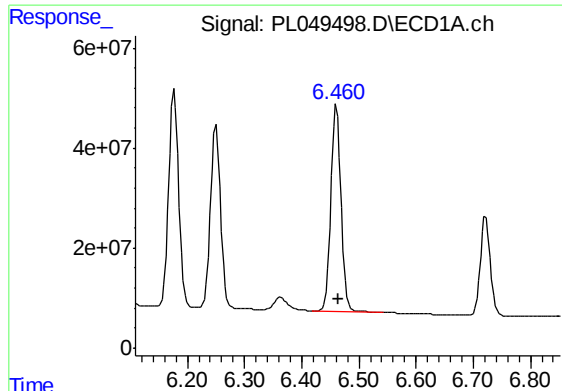
#18 Endrin aldehyde

R.T.: 6.250 min
Delta R.T.: -0.003 min
Response: 453448824
Conc: 41.43 ng/ml



#18 Endrin aldehyde

R.T.: 6.963 min
Delta R.T.: -0.002 min
Response: 111829708
Conc: 43.36 ng/ml



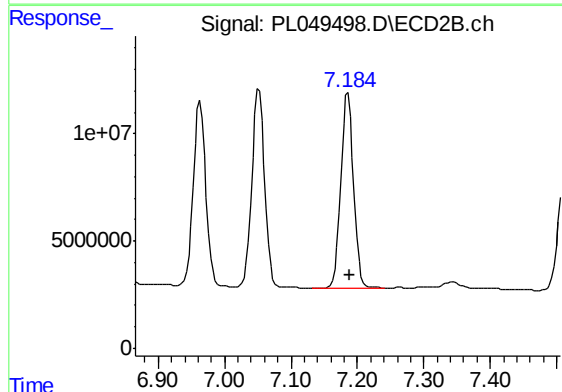
#19 Endosulfan Sulfate

R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 503278712
Conc: 38.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-061119-AMSD

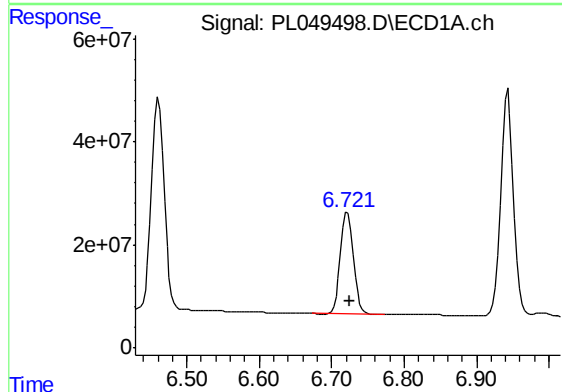
Manual Integrations
APPROVED

Ankita
6/17/2019 9:28:52 AM



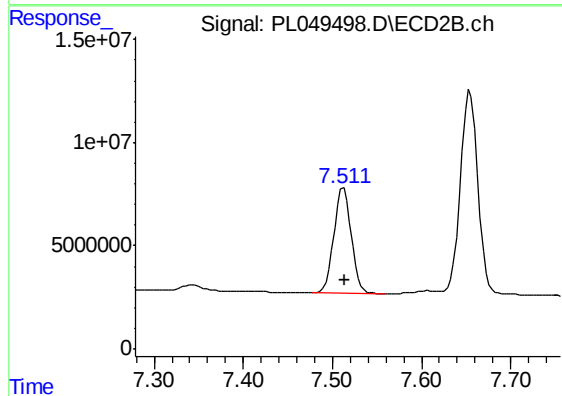
#19 Endosulfan Sulfate

R.T.: 7.186 min
Delta R.T.: -0.002 min
Response: 121452815
Conc: 39.94 ng/ml



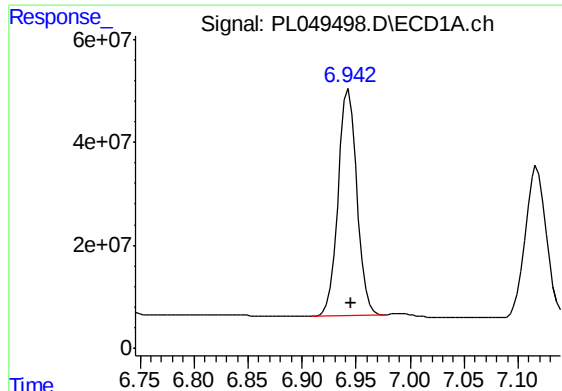
#20 Methoxychlor

R.T.: 6.722 min
Delta R.T.: -0.003 min
Response: 246518733
Conc: 38.44 ng/ml



#20 Methoxychlor

R.T.: 7.512 min
Delta R.T.: -0.002 min
Response: 69173162
Conc: 41.72 ng/ml



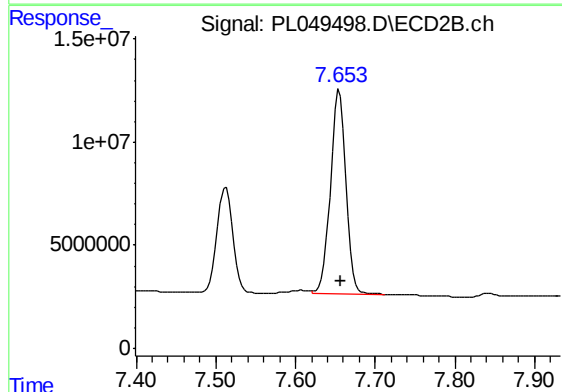
#21 Endrin ketone

R.T.: 6.943 min
Delta R.T.: -0.002 min
Response: 533242281
Conc: 37.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-061119-AMSD

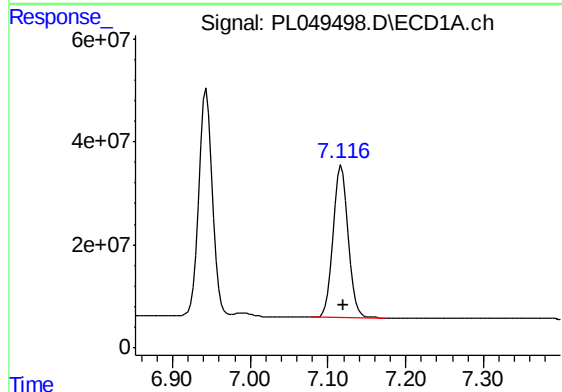
Manual Integrations
APPROVED

Ankita
6/17/2019 9:28:52 AM



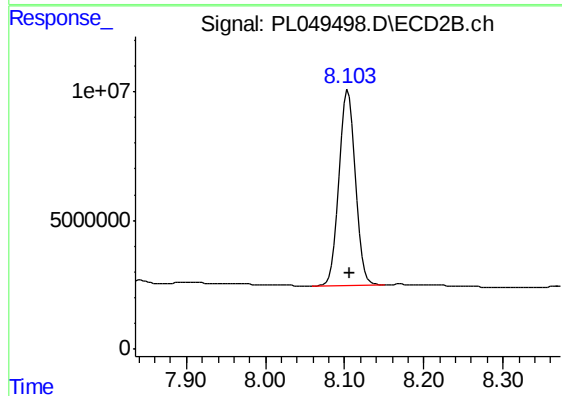
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: -0.002 min
Response: 134494695
Conc: 42.28 ng/ml



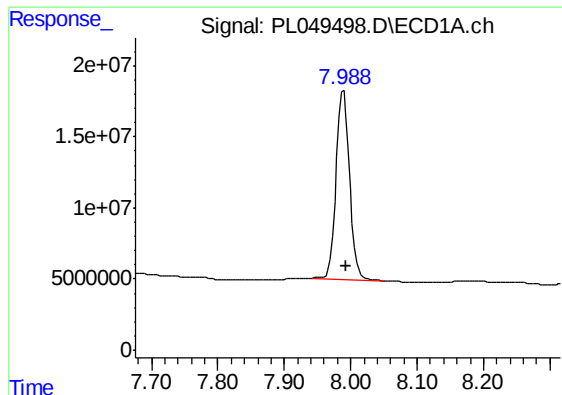
#22 Mirex

R.T.: 7.117 min
Delta R.T.: -0.003 min
Response: 401818677
Conc: 38.13 ng/ml



#22 Mirex

R.T.: 8.104 min
Delta R.T.: -0.002 min
Response: 112525645
Conc: 43.32 ng/ml



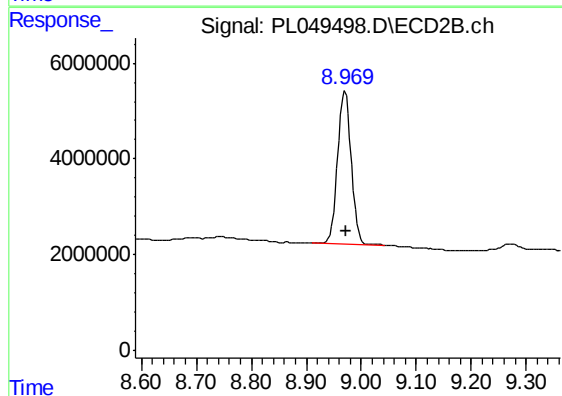
#28 Decachlorobiphenyl

R.T.: 7.989 min
Delta R.T.: -0.003 min
Response: 187096710
Conc: 14.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-03-061119-AMSD

Manual Integrations
APPROVED

Ankita
6/17/2019 9:28:52 AM



#28 Decachlorobiphenyl

R.T.: 8.971 min
Delta R.T.: -0.002 min
Response: 54646432
Conc: 16.36 ng/ml