

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052319\
 Data File : PL048904.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2019 21:51
 Operator : SM\AJ
 Sample : K2642-06MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OK-01-052119MSD

Manual Integrations
 APPROVED

Ankita
 5/24/2019 10:02:38 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 01:08:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL050119.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:36:55 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...	3.325	3.938	183.0E6	53388800	18.893m	21.434
2)	SA Decachlor...	7.994	8.974	208.0E6	59489301	20.692	22.412
Target Compounds							
2)	A alpha-BHC	3.753	4.326	1005.4E6	253.2E6	64.998m	72.105
3)	MA gamma-BHC...	4.029	4.609	818.2E6	204.5E6	57.582m	62.597
4)	MA Heptachlor	4.314	5.112	953.0E6	228.1E6	64.778m	65.897
5)	MB Aldrin	4.553	5.416	913.6E6	205.3E6	66.681	66.292
6)	B beta-BHC	4.282	4.784	288.7E6	97300005	48.923m	62.532 #
7)	B delta-BHC	4.478	4.997	808.5E6	196.1E6	57.264	69.335m
8)	B Heptachlo...	4.990	5.802	767.4E6	191.6E6	59.557	65.677
9)	A Endosulfan I	5.321	6.157	827.7E6	186.5E6	68.804	65.964
10)	B gamma-Chl...	5.211	6.036	865.4E6	203.1E6	64.811m	65.974
11)	B alpha-Chl...	5.269	6.108	899.9E6	200.3E6	68.834	65.275
12)	B 4,4'-DDE	5.435	6.267	835.8E6	174.5E6	65.888m	63.210
13)	MA Dieldrin	5.559	6.414	854.3E6	197.4E6	65.613m	67.285
14)	MA Endrin	5.811	6.631	808.5E6	175.9E6	66.410m	67.463
15)	B Endosulfa...	6.088	6.842	646.8E6	174.1E6	56.043	64.552
16)	A 4,4'-DDD	5.948	6.758	655.1E6	153.3E6	67.302	68.317
17)	MA 4,4'-DDT	6.181	7.055	652.2E6	151.6E6	64.921	64.598
18)	B Endrin al...	6.255	6.966	606.0E6	146.4E6	62.359	62.489
19)	B Endosulfa...	6.464	7.189	636.0E6	163.8E6	59.255m	63.270
20)	A Methoxychlor	6.727	7.515	341.8E6	83398121	62.783	61.089
21)	B Endrin ke...	6.948	7.658	730.3E6	175.4E6	62.656	67.115
22)	Mirex	7.122	8.108	669.9E6	180.2E6	74.734	85.445

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052319\
Data File : PL048904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 May 2019 21:51
Operator : SM\AJ
Sample : K2642-06MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

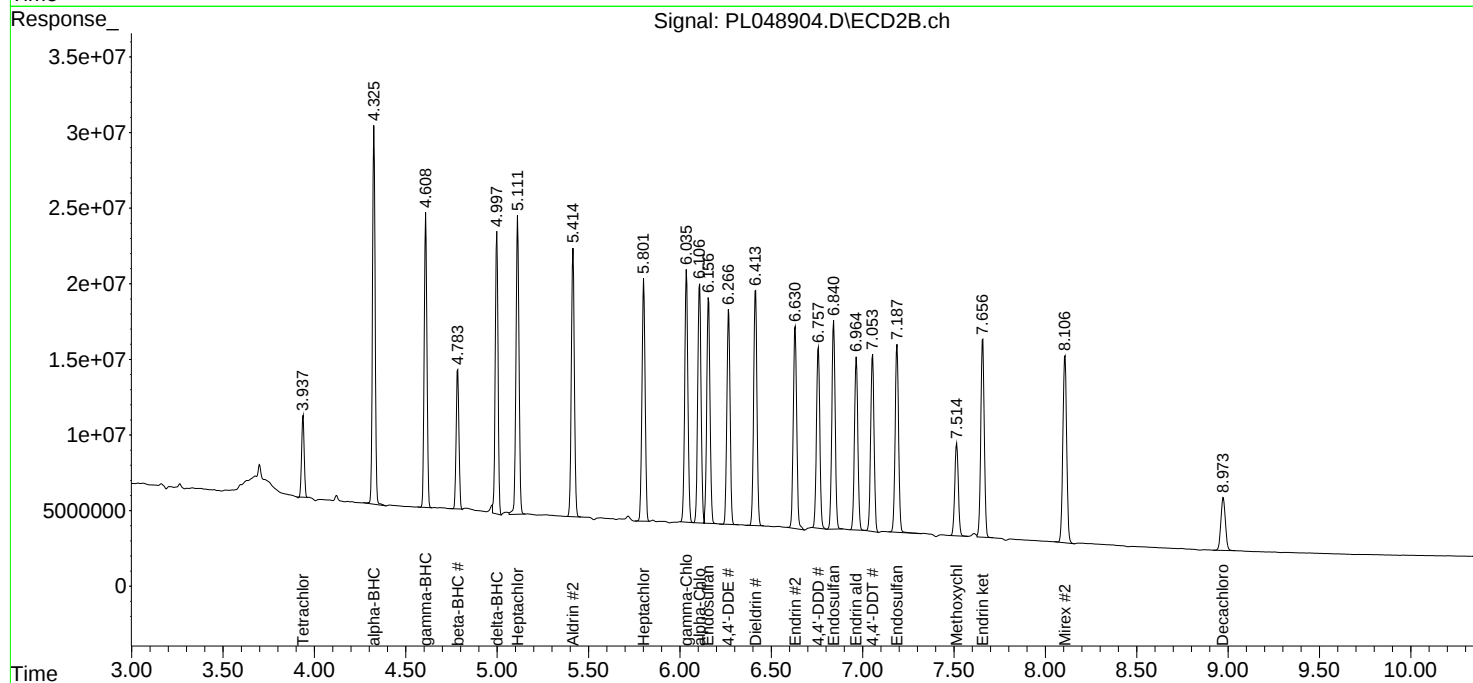
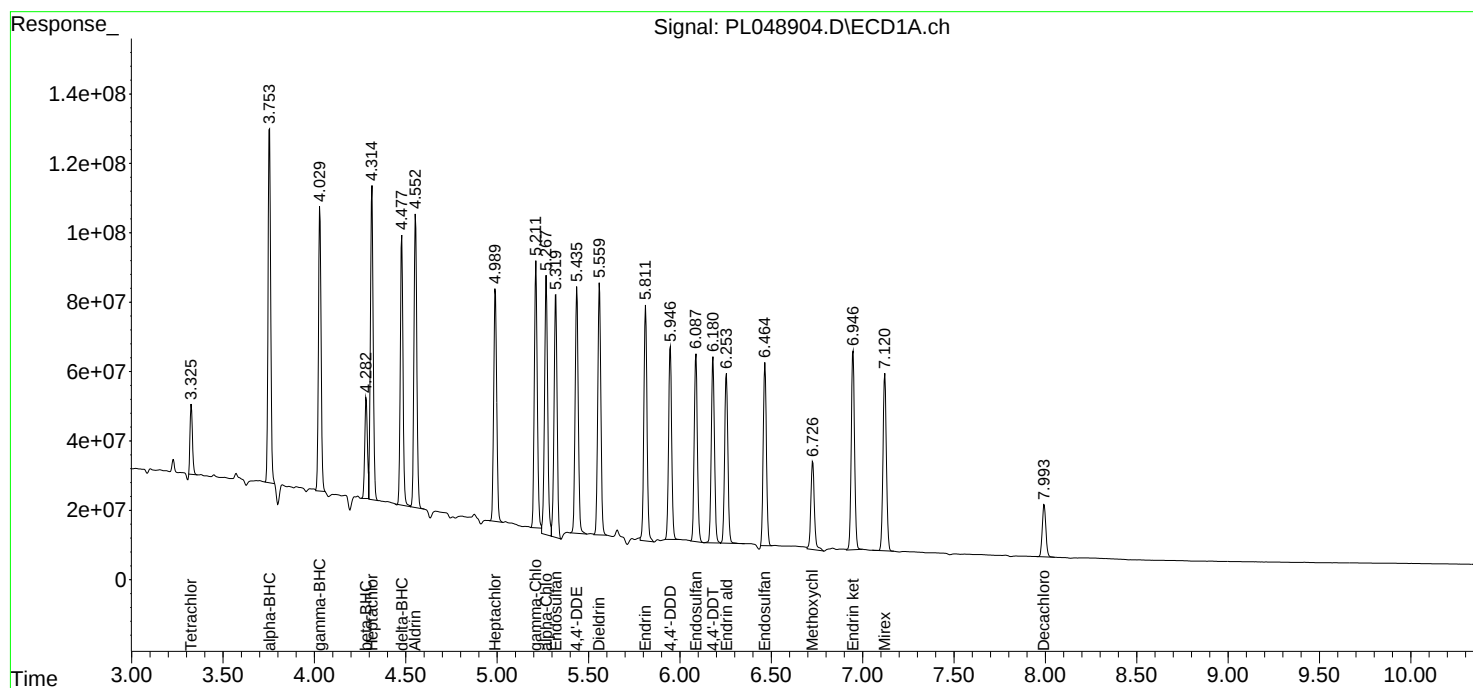
Instrument :
ECD_L
ClientSampleId :
OK-01-052119MSD

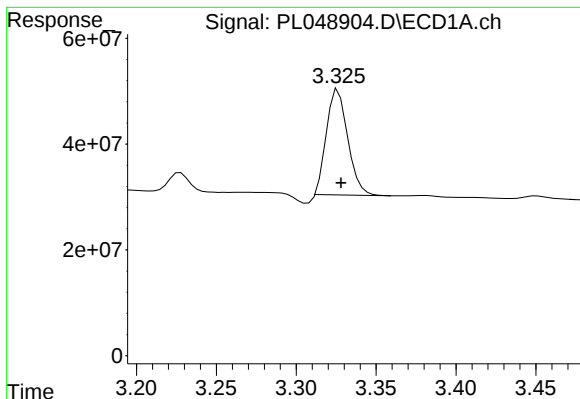
Manual Integrations
APPROVED

Ankita
5/24/2019 10:02:38 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 24 01:08:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL050119.M
Quant Title : GC Extractables
QLast Update : Thu May 02 09:36:55 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





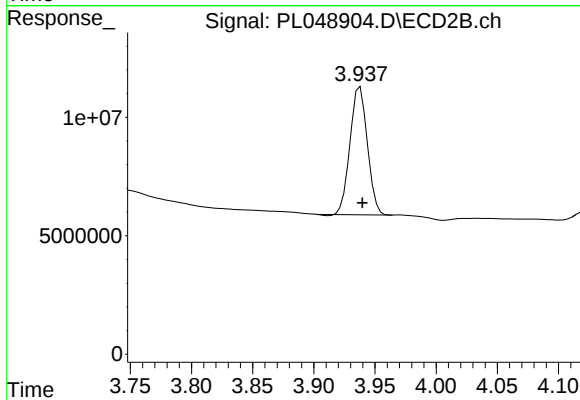
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: -0.003 min
Response: 183015333
Conc: 18.89 ng/ml m

Instrument :
ECD_L
ClientSampleId :
OK-01-052119MSD

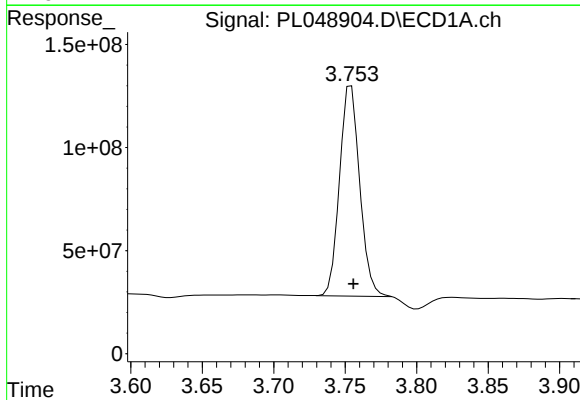
Manual Integrations
APPROVED

Ankita
5/24/2019 10:02:38 AM



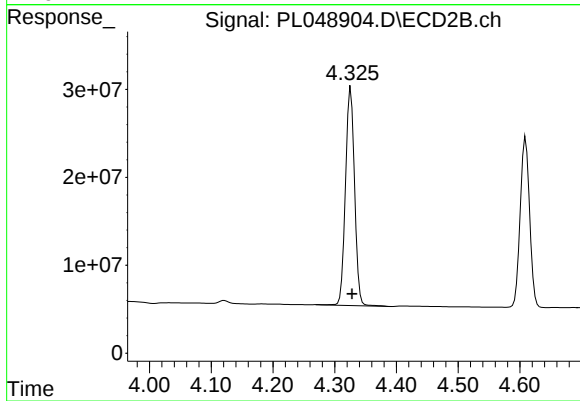
#1 Tetrachloro-m-xylene

R.T.: 3.938 min
Delta R.T.: -0.002 min
Response: 53388800
Conc: 21.43 ng/ml



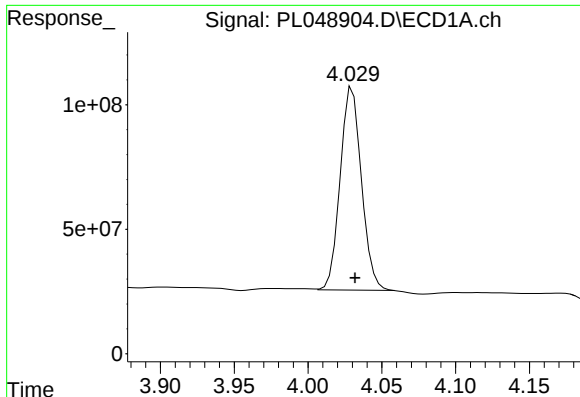
#2 alpha-BHC

R.T.: 3.753 min
Delta R.T.: -0.003 min
Response: 1005355448
Conc: 65.00 ng/ml m



#2 alpha-BHC

R.T.: 4.326 min
Delta R.T.: -0.002 min
Response: 253232879
Conc: 72.11 ng/ml



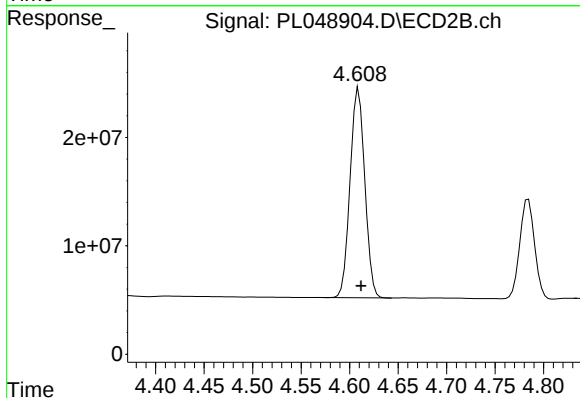
#3 gamma-BHC (Lindane)

R.T.: 4.029 min
Delta R.T.: -0.003 min
Response: 818195545
Conc: 57.58 ng/ml m

Instrument :
ECD_L
ClientSampleId :
OK-01-052119MSD

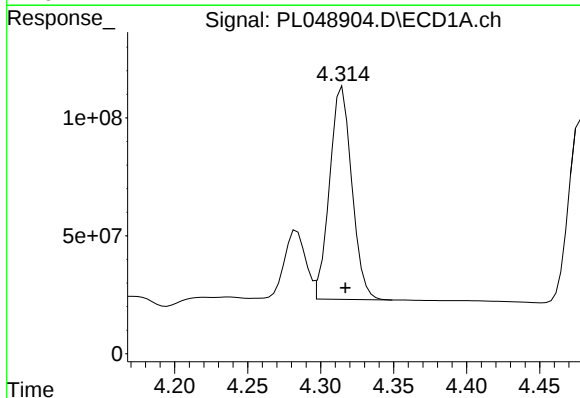
Manual Integrations
APPROVED

Ankita
5/24/2019 10:02:38 AM



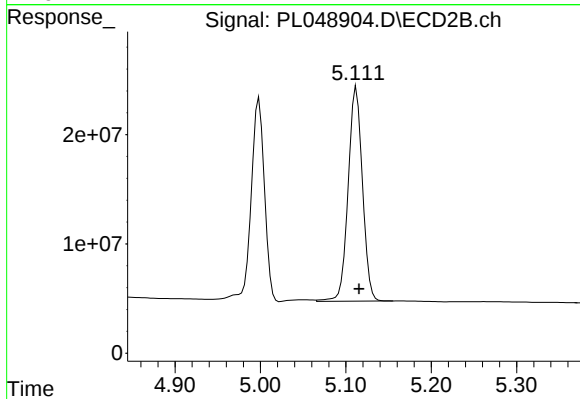
#3 gamma-BHC (Lindane)

R.T.: 4.609 min
Delta R.T.: -0.002 min
Response: 204452413
Conc: 62.60 ng/ml



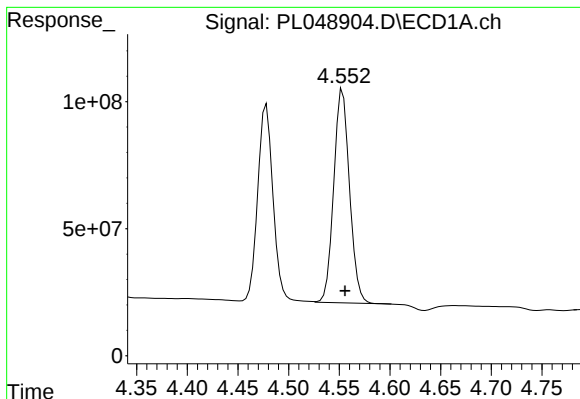
#4 Heptachlor

R.T.: 4.314 min
Delta R.T.: -0.003 min
Response: 953020819
Conc: 64.78 ng/ml m



#4 Heptachlor

R.T.: 5.112 min
Delta R.T.: -0.003 min
Response: 228125491
Conc: 65.90 ng/ml



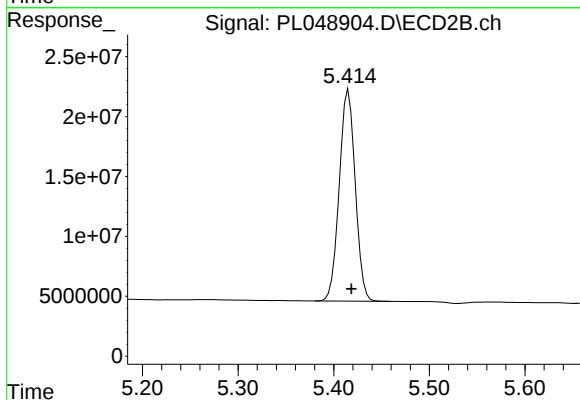
#5 Aldrin

R.T.: 4.553 min
Delta R.T.: -0.002 min
Response: 913632418
Conc: 66.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-052119MSD

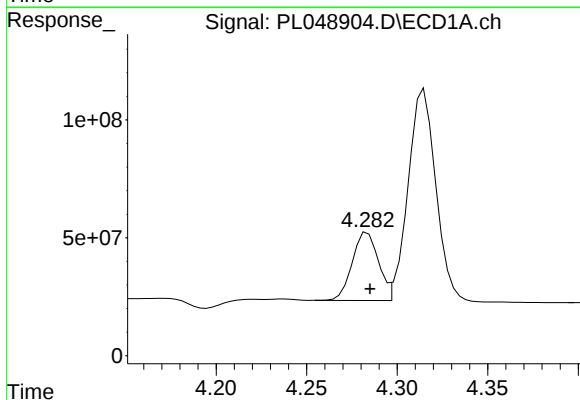
Manual Integrations
APPROVED

Ankita
5/24/2019 10:02:38 AM



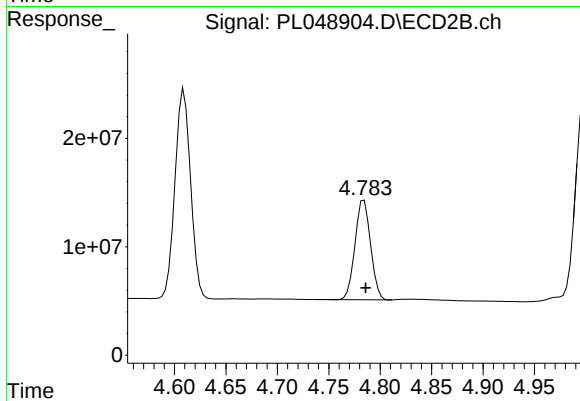
#5 Aldrin

R.T.: 5.416 min
Delta R.T.: -0.003 min
Response: 205282067
Conc: 66.29 ng/ml



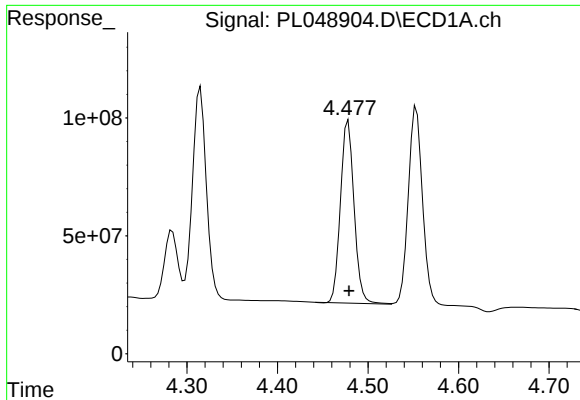
#6 beta-BHC

R.T.: 4.282 min
Delta R.T.: -0.003 min
Response: 288723406
Conc: 48.92 ng/ml m



#6 beta-BHC

R.T.: 4.784 min
Delta R.T.: -0.002 min
Response: 97300005
Conc: 62.53 ng/ml



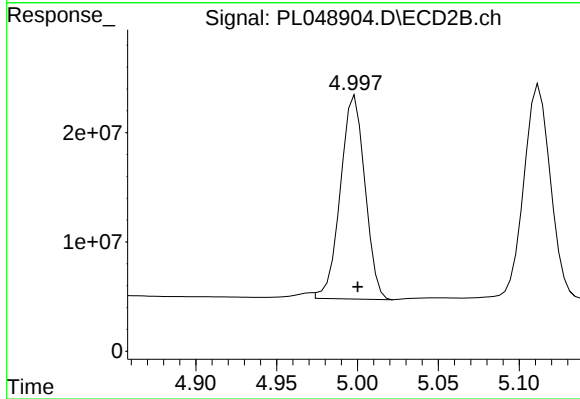
#7 delta-BHC

R.T.: 4.478 min
Delta R.T.: -0.001 min
Response: 808502573
Conc: 57.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-052119MSD

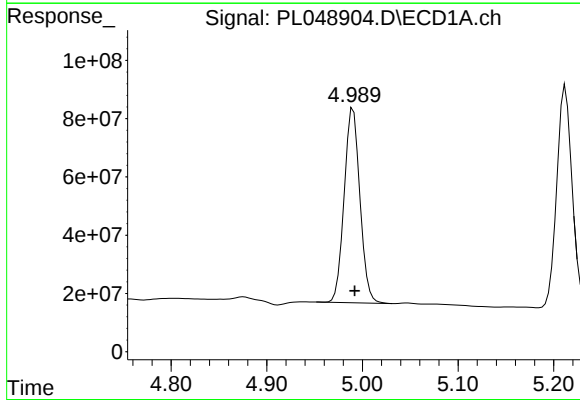
Manual Integrations
APPROVED

Ankita
5/24/2019 10:02:38 AM



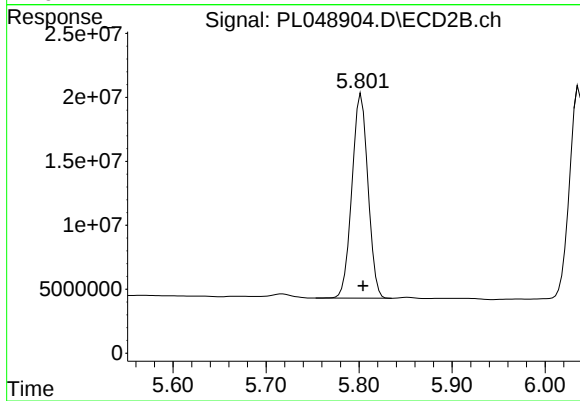
#7 delta-BHC

R.T.: 4.997 min
Delta R.T.: -0.003 min
Response: 196071595
Conc: 69.33 ng/ml m



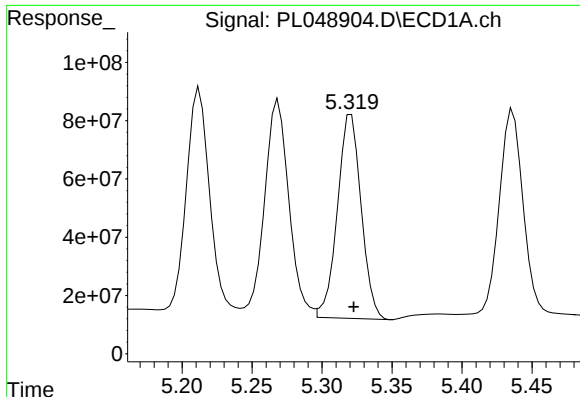
#8 Heptachlor epoxide

R.T.: 4.990 min
Delta R.T.: -0.001 min
Response: 767373726
Conc: 59.56 ng/ml



#8 Heptachlor epoxide

R.T.: 5.802 min
Delta R.T.: -0.002 min
Response: 191560651
Conc: 65.68 ng/ml



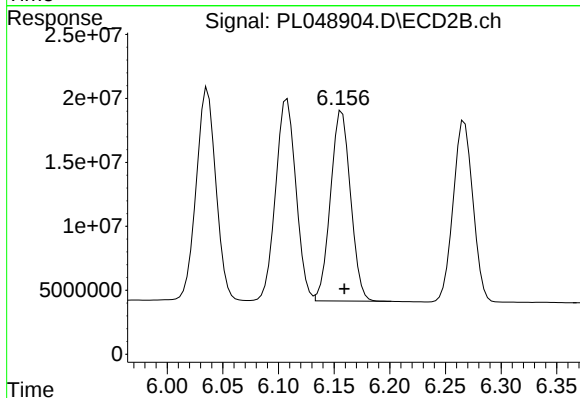
#9 Endosulfan I

R.T.: 5.321 min
Delta R.T.: -0.002 min
Response: 827702490
Conc: 68.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-052119MSD

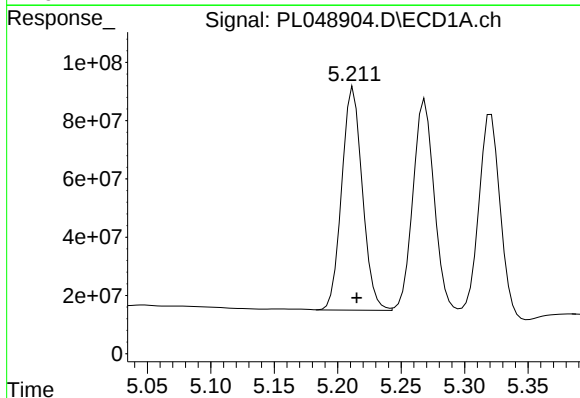
Manual Integrations
APPROVED

Ankita
5/24/2019 10:02:38 AM



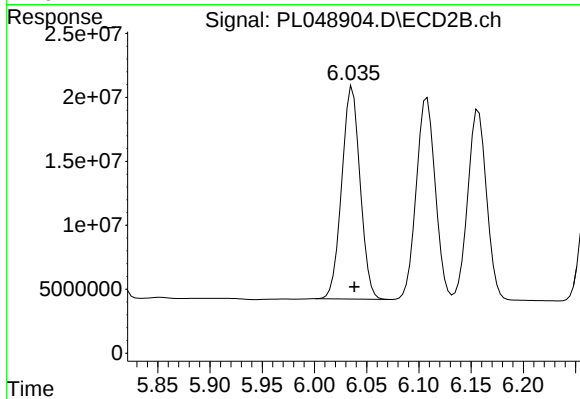
#9 Endosulfan I

R.T.: 6.157 min
Delta R.T.: -0.002 min
Response: 186511371
Conc: 65.96 ng/ml



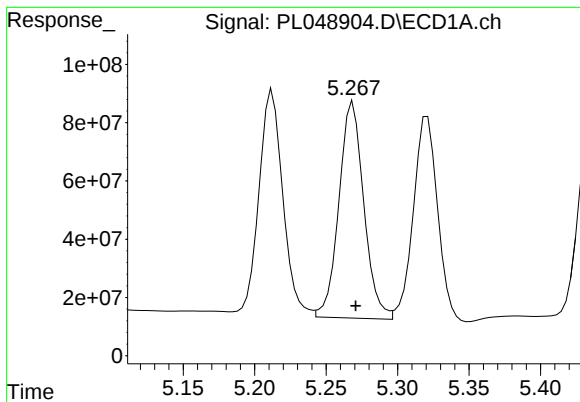
#10 gamma-Chlordane

R.T.: 5.211 min
Delta R.T.: -0.004 min
Response: 865380851
Conc: 64.81 ng/ml m



#10 gamma-Chlordane

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 203108921
Conc: 65.97 ng/ml



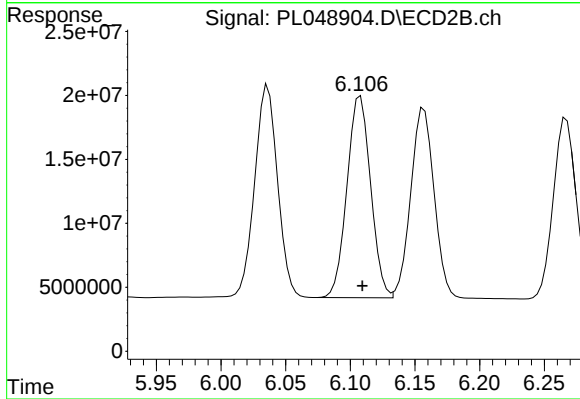
#11 alpha-Chlordane

R.T.: 5.269 min
Delta R.T.: -0.002 min
Response: 899905569
Conc: 68.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-052119MSD

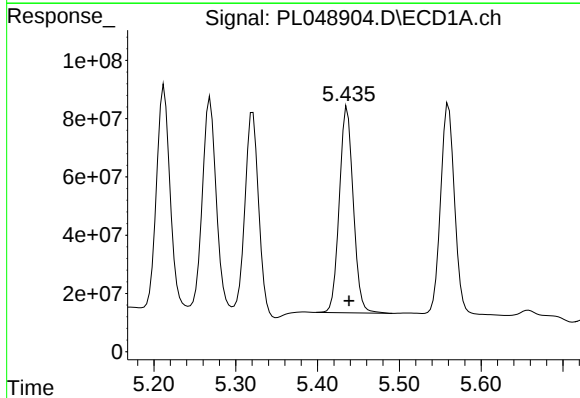
Manual Integrations
APPROVED

Ankita
5/24/2019 10:02:38 AM



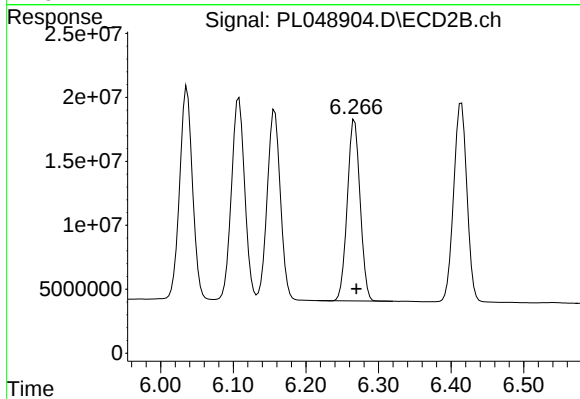
#11 alpha-Chlordane

R.T.: 6.108 min
Delta R.T.: -0.002 min
Response: 200282543
Conc: 65.28 ng/ml



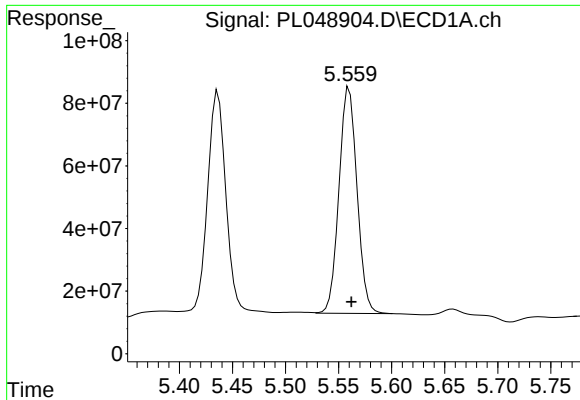
#12 4,4'-DDE

R.T.: 5.435 min
Delta R.T.: -0.004 min
Response: 835803050
Conc: 65.89 ng/ml m



#12 4,4'-DDE

R.T.: 6.267 min
Delta R.T.: -0.002 min
Response: 174517308
Conc: 63.21 ng/ml



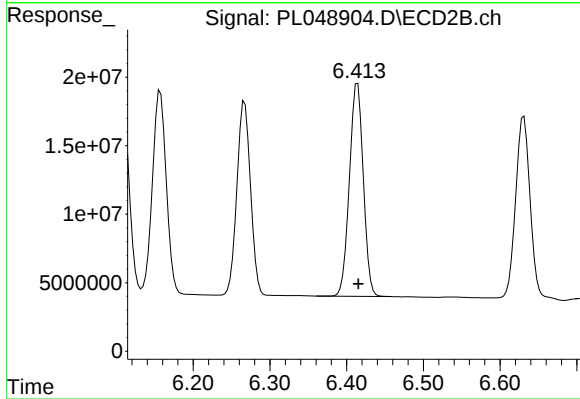
#13 Dieldrin

R.T.: 5.559 min
Delta R.T.: -0.003 min
Response: 854331130
Conc: 65.61 ng/ml m

Instrument :
ECD_L
ClientSampleId :
OK-01-052119MSD

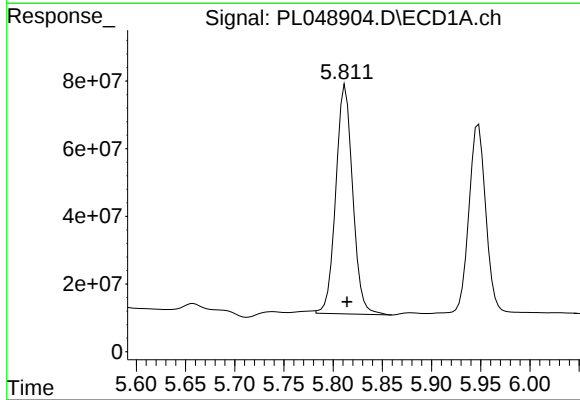
Manual Integrations
APPROVED

Ankita
5/24/2019 10:02:38 AM



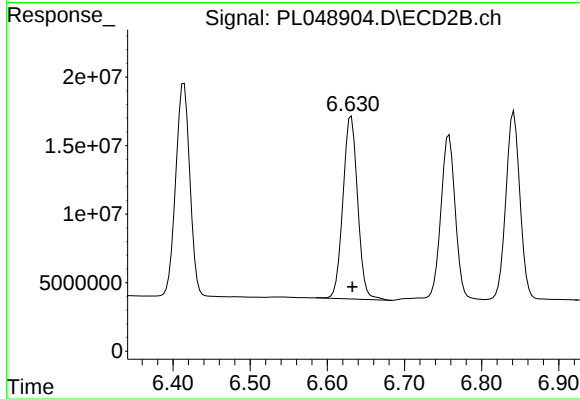
#13 Dieldrin

R.T.: 6.414 min
Delta R.T.: -0.001 min
Response: 197392358
Conc: 67.29 ng/ml



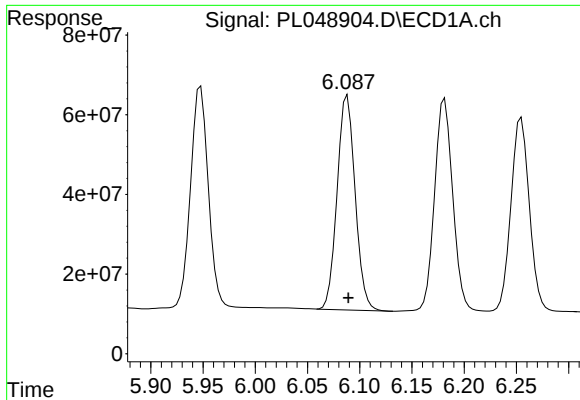
#14 Endrin

R.T.: 5.811 min
Delta R.T.: -0.003 min
Response: 808472133
Conc: 66.41 ng/ml m



#14 Endrin

R.T.: 6.631 min
Delta R.T.: -0.001 min
Response: 175902320
Conc: 67.46 ng/ml



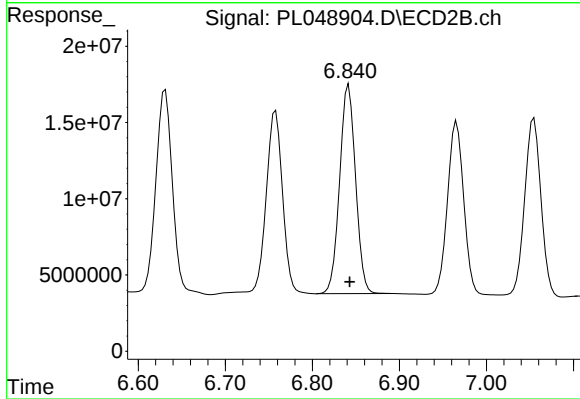
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: -0.001 min
Response: 646762881
Conc: 56.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-052119MSD

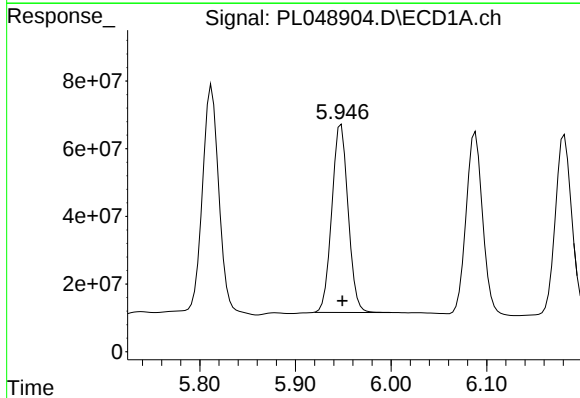
Manual Integrations
APPROVED

Ankita
5/24/2019 10:02:38 AM



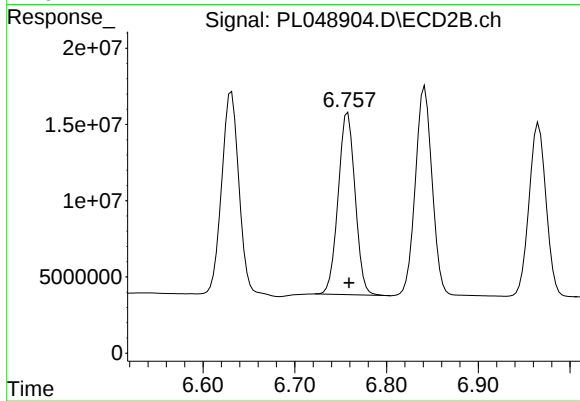
#15 Endosulfan II

R.T.: 6.842 min
Delta R.T.: -0.001 min
Response: 174071711
Conc: 64.55 ng/ml



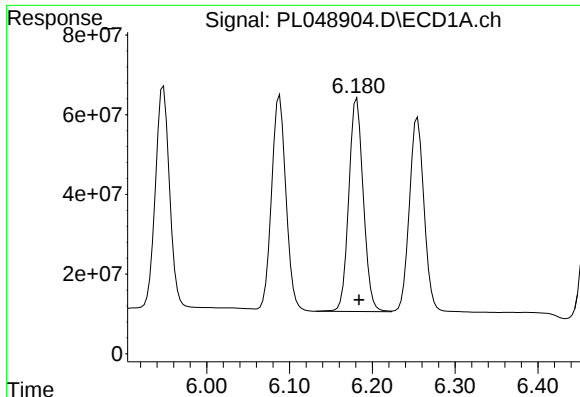
#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 655124369
Conc: 67.30 ng/ml



#16 4,4'-DDD

R.T.: 6.758 min
Delta R.T.: -0.001 min
Response: 153307422
Conc: 68.32 ng/ml



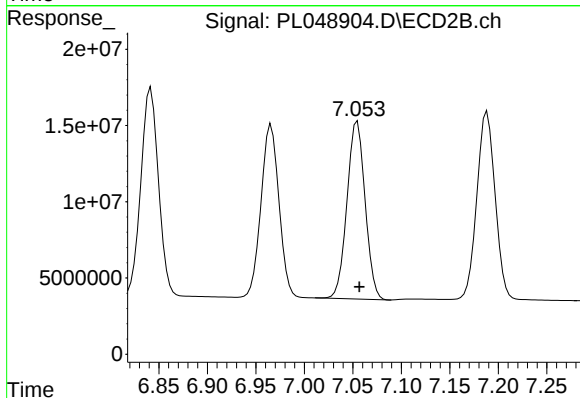
#17 4,4'-DDT

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 652228814
Conc: 64.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-052119MSD

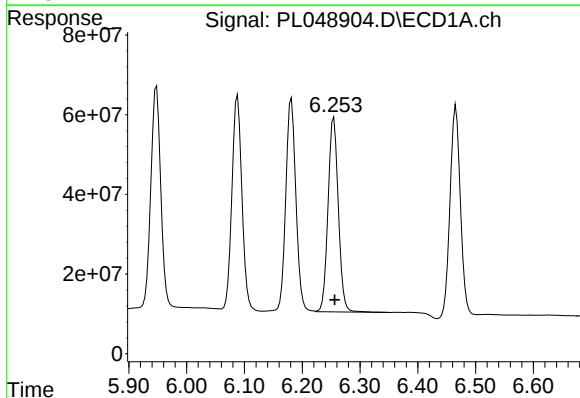
Manual Integrations
APPROVED

Ankita
5/24/2019 10:02:38 AM



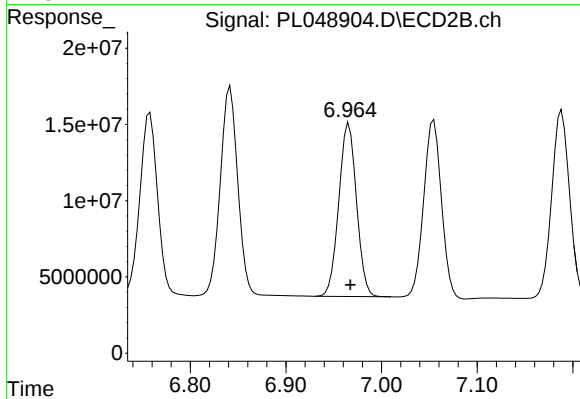
#17 4,4'-DDT

R.T.: 7.055 min
Delta R.T.: -0.002 min
Response: 151587085
Conc: 64.60 ng/ml



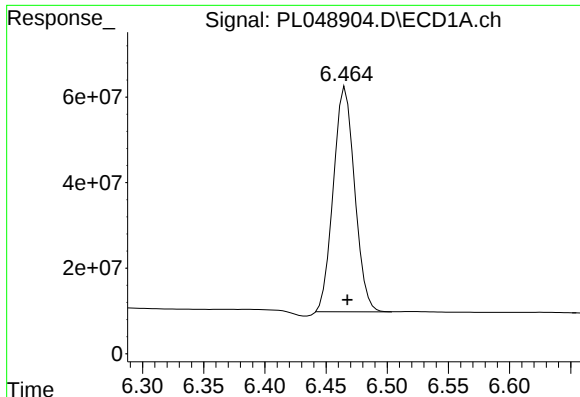
#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: -0.001 min
Response: 606026085
Conc: 62.36 ng/ml



#18 Endrin aldehyde

R.T.: 6.966 min
Delta R.T.: -0.002 min
Response: 146441063
Conc: 62.49 ng/ml



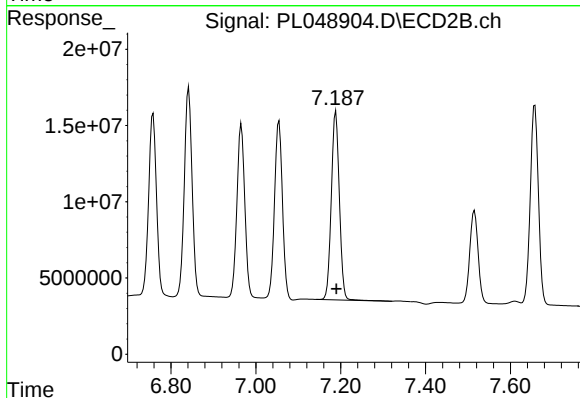
#19 Endosulfan Sulfate

R.T.: 6.464 min
Delta R.T.: -0.003 min
Response: 635957549
Conc: 59.25 ng/ml m

Instrument :
ECD_L
ClientSampleId :
OK-01-052119MSD

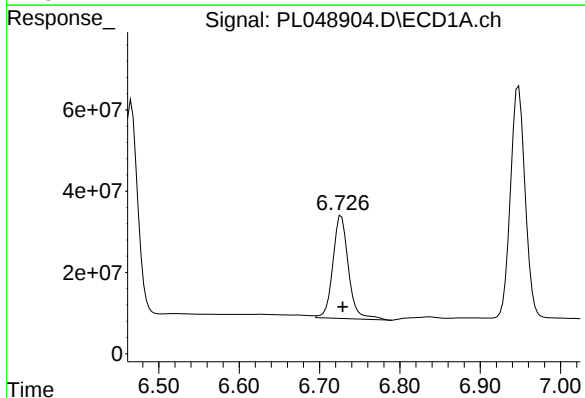
Manual Integrations
APPROVED

Ankita
5/24/2019 10:02:38 AM



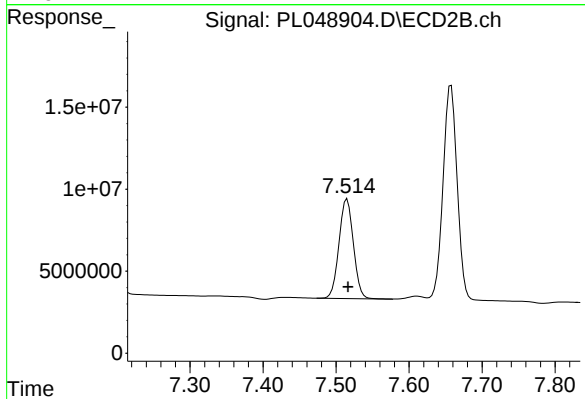
#19 Endosulfan Sulfate

R.T.: 7.189 min
Delta R.T.: -0.001 min
Response: 163757056
Conc: 63.27 ng/ml



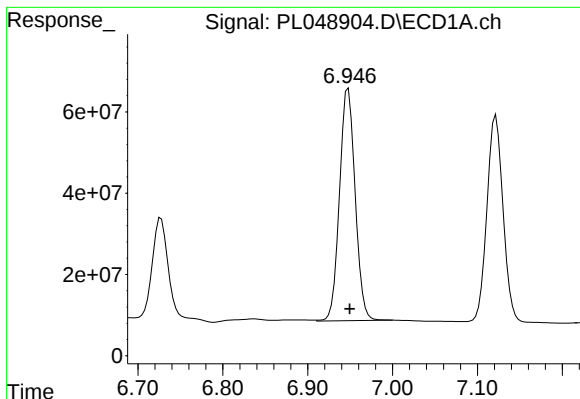
#20 Methoxychlor

R.T.: 6.727 min
Delta R.T.: -0.002 min
Response: 341835397
Conc: 62.78 ng/ml



#20 Methoxychlor

R.T.: 7.515 min
Delta R.T.: -0.001 min
Response: 83398121
Conc: 61.09 ng/ml



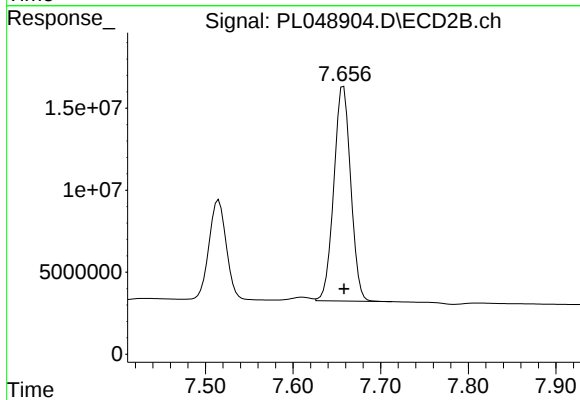
#21 Endrin ketone

R.T.: 6.948 min
Delta R.T.: -0.002 min
Response: 730258019
Conc: 62.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-052119MSD

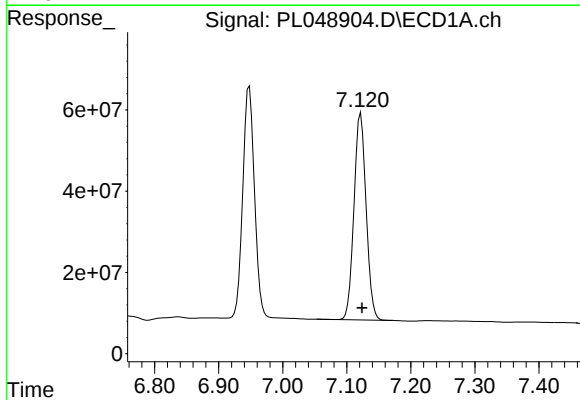
Manual Integrations
APPROVED

Ankita
5/24/2019 10:02:38 AM



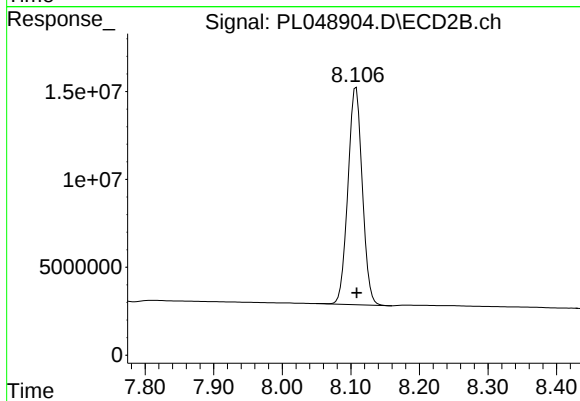
#21 Endrin ketone

R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 175358342
Conc: 67.12 ng/ml



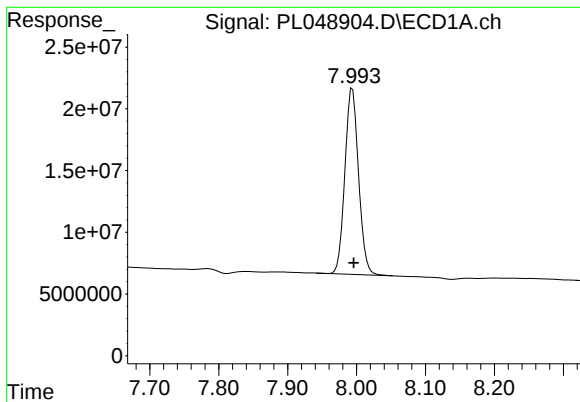
#22 Mirex

R.T.: 7.122 min
Delta R.T.: -0.002 min
Response: 669905190
Conc: 74.73 ng/ml



#22 Mirex

R.T.: 8.108 min
Delta R.T.: -0.001 min
Response: 180192170
Conc: 85.44 ng/ml



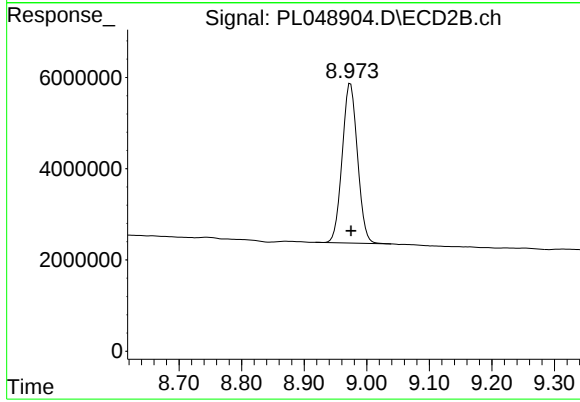
#28 Decachlorobiphenyl

R.T.: 7.994 min
Delta R.T.: -0.002 min
Response: 208040794
Conc: 20.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
OK-01-052119MSD

Manual Integrations
APPROVED

Ankita
5/24/2019 10:02:38 AM



#28 Decachlorobiphenyl

R.T.: 8.974 min
Delta R.T.: 0.000 min
Response: 59489301
Conc: 22.41 ng/ml