

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123019\
 Data File : PL055405.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Dec 2019 01:15
 Operator : SG\AJ
 Sample : K6447-01MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR31-48MSD

Manual Integrations
 APPROVED

mohammad
 12/31/2019 11:59:56 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 31 04:11:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 21 05:21:06 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...	3.536	4.049	50988724	12554419	4.848	4.751
28)	SA Decachlor...	8.316	9.152	34134704	9765285	3.679	4.424m
Target Compounds							
2)	A alpha-BHC	3.978	4.441	166.5E6	40225552	9.569	10.923
3)	MA gamma-BHC...	4.264	4.726	153.8E6	40745964	9.329m	11.919 #
4)	MA Heptachlor	4.570	5.236	158.7E6	35714235	9.721	11.352
5)	MB Aldrin	4.821	5.540	153.8E6	34220163	10.071	11.884m
6)	B beta-BHC	4.516	4.898	68817242	15716951	10.035	9.571
7)	B delta-BHC	4.723	5.115	129.7E6	21596268	8.570	7.723m
8)	B Heptachlo...	5.267	5.927	141.7E6	25537293	9.914	10.019m
9)	A Endosulfan I	5.609	6.287	124.3E6	30563806	9.405	12.340 #
10)	B gamma-Chl...	5.495	6.163	148.1E6	39202911	10.162	14.771 #
11)	B alpha-Chl...	5.554	6.236	141.4E6	34106693	10.046	13.006 #
12)	B 4,4'-DDE	5.716	6.393	149.7E6	30724543	11.235	12.601
13)	MA Dieldrin	5.853	6.545	158.1E6	28790095	11.328	11.281
14)	MA Endrin	6.110	6.763	125.7E6	22638117	9.887m	10.549
15)	B Endosulfa...	6.385	6.974	126.9E6	26157656	10.811	11.034
16)	A 4,4'-DDD	6.232	6.885	98330204	23493771	10.238m	12.358
17)	MA 4,4'-DDT	6.476	7.185	97283916	22034285	9.664	11.227
18)	B Endrin al...	6.553	7.098	108.5E6	22058038	11.144	11.429
19)	B Endosulfa...	6.774	7.322	239.8E6	24837993	23.842	11.892 #
20)	A Methoxychlor	7.021	7.645	44202782	14680407	9.172	13.602 #
21)	B Endrin ke...	7.260	7.796	91978241	25215963	8.775	11.323 #
22)	Mirex	7.453	8.254	72251989	19366834	9.486	11.680

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123019\
Data File : PL055405.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Dec 2019 01:15
Operator : SG\AJ
Sample : K6447-01MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

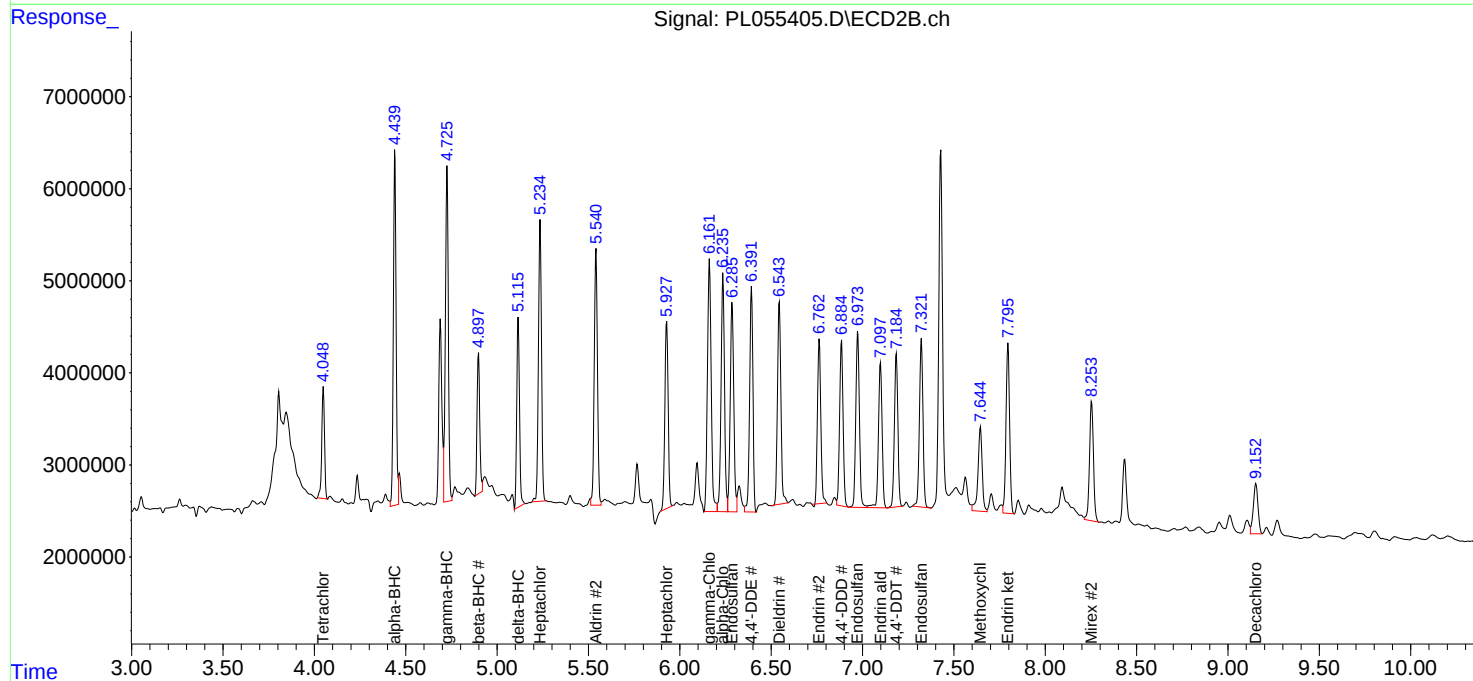
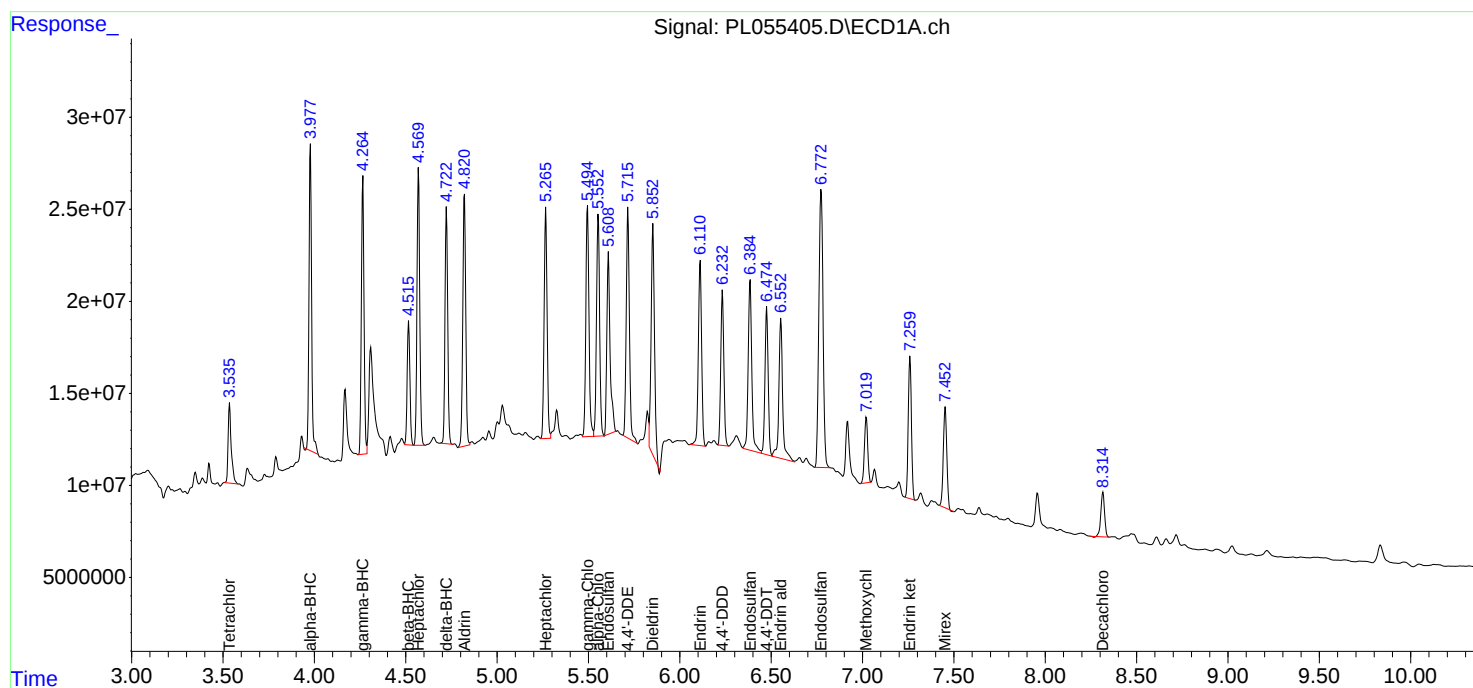
Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

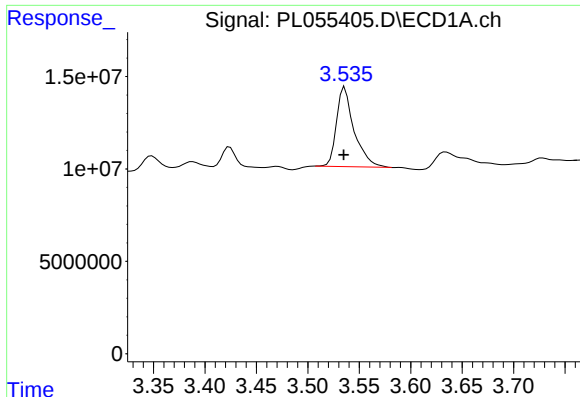
Manual Integrations
APPROVED

mohammad
12/31/2019 11:59:56 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 31 04:11:27 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122119.M
Quant Title : GC Extractables
QLast Update : Sat Dec 21 05:21:06 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





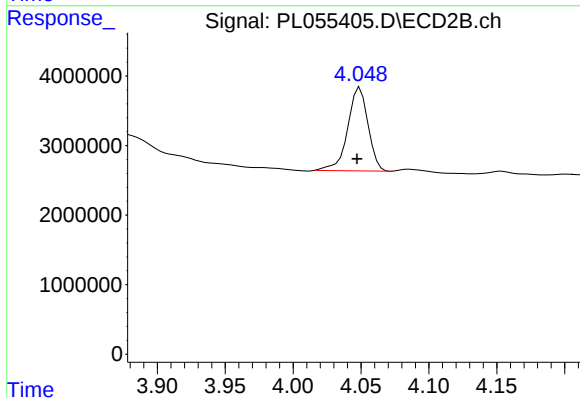
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: 0.000 min
Response: 50988724
Conc: 4.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

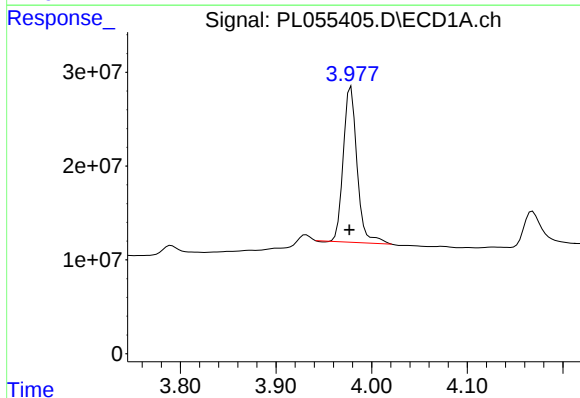
Manual Integrations
APPROVED

mohammad
12/31/2019 11:59:56 AM



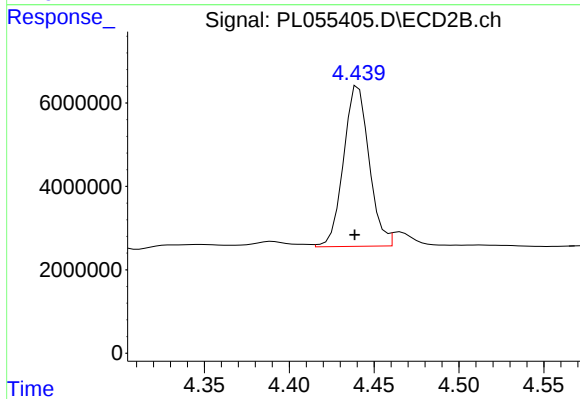
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: 0.002 min
Response: 12554419
Conc: 4.75 ng/ml



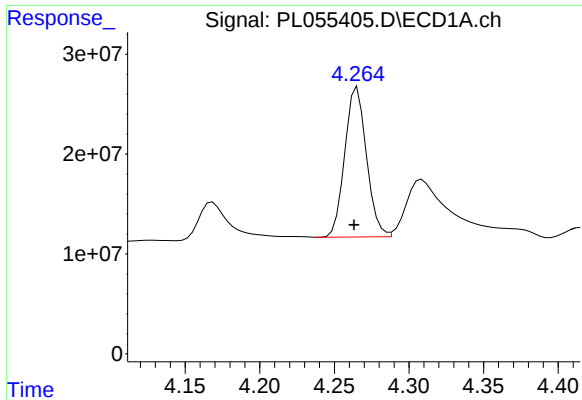
#2 alpha-BHC

R.T.: 3.978 min
Delta R.T.: 0.001 min
Response: 166472249
Conc: 9.57 ng/ml



#2 alpha-BHC

R.T.: 4.441 min
Delta R.T.: 0.002 min
Response: 40225552
Conc: 10.92 ng/ml



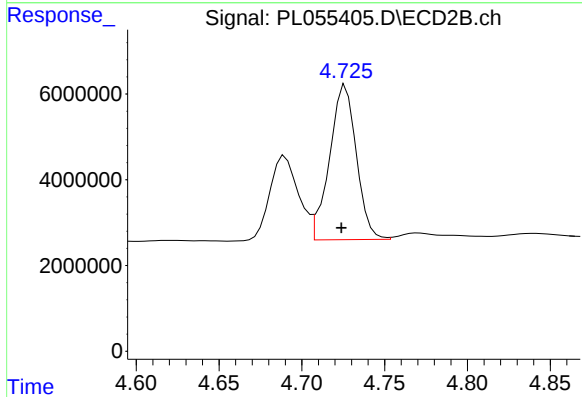
#3 gamma-BHC (Lindane)

R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 153824682
Conc: 9.33 ng/ml m

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

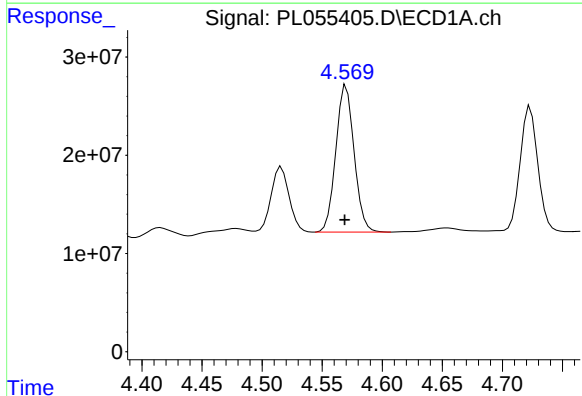
Manual Integrations
APPROVED

mohammad
12/31/2019 11:59:56 AM



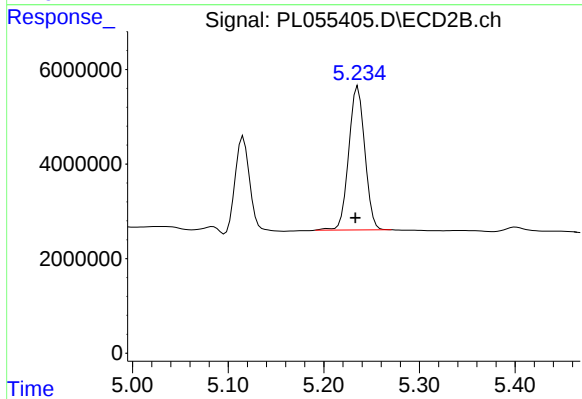
#3 gamma-BHC (Lindane)

R.T.: 4.726 min
Delta R.T.: 0.003 min
Response: 40745964
Conc: 11.92 ng/ml



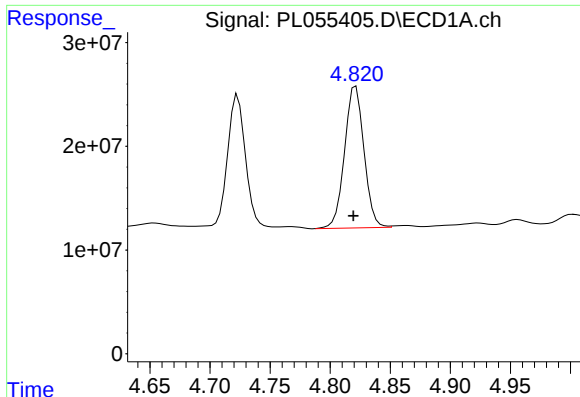
#4 Heptachlor

R.T.: 4.570 min
Delta R.T.: 0.002 min
Response: 158716497
Conc: 9.72 ng/ml



#4 Heptachlor

R.T.: 5.236 min
Delta R.T.: 0.003 min
Response: 35714235
Conc: 11.35 ng/ml



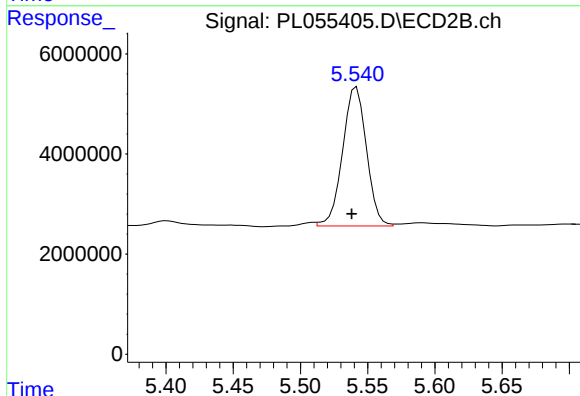
#5 Aldrin

R.T.: 4.821 min
Delta R.T.: 0.002 min
Response: 153784662
Conc: 10.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

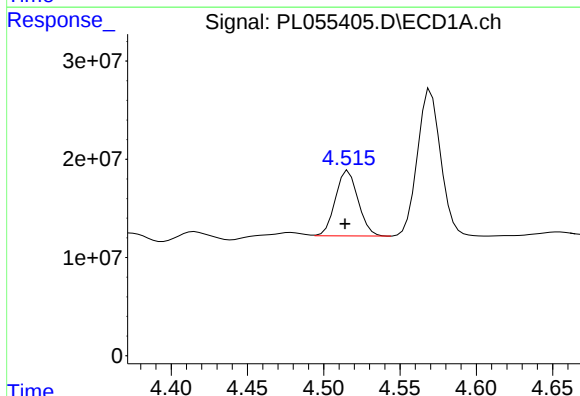
Manual Integrations
APPROVED

mohammad
12/31/2019 11:59:56 AM



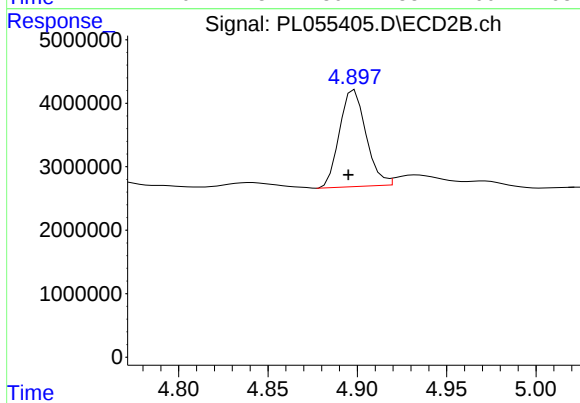
#5 Aldrin

R.T.: 5.540 min
Delta R.T.: 0.002 min
Response: 34220163
Conc: 11.88 ng/ml m



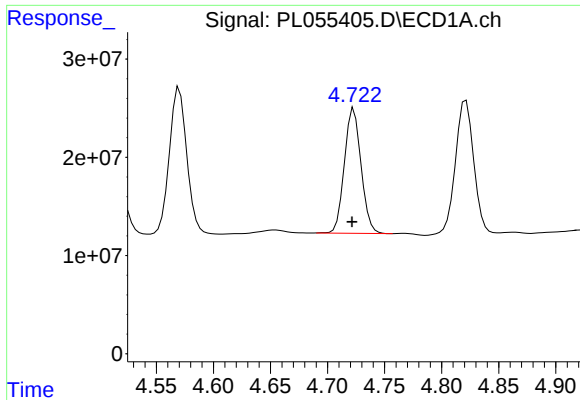
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.002 min
Response: 68817242
Conc: 10.04 ng/ml



#6 beta-BHC

R.T.: 4.898 min
Delta R.T.: 0.003 min
Response: 15716951
Conc: 9.57 ng/ml



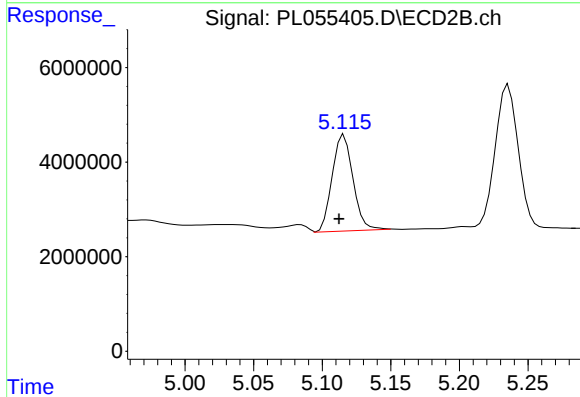
#7 delta-BHC

R.T.: 4.723 min
Delta R.T.: 0.002 min
Response: 129719493
Conc: 8.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

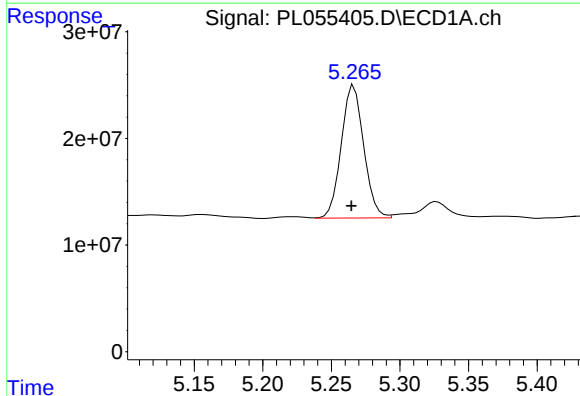
Manual Integrations
APPROVED

mohammad
12/31/2019 11:59:56 AM



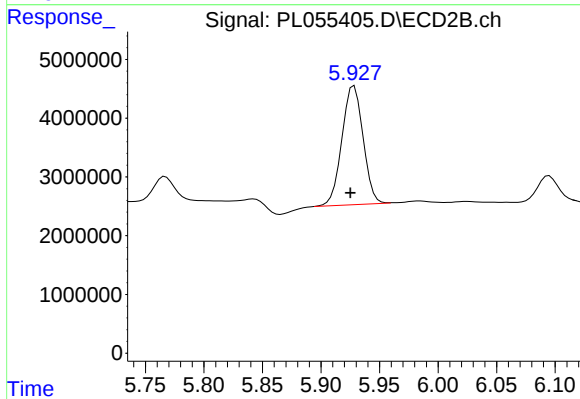
#7 delta-BHC

R.T.: 5.115 min
Delta R.T.: 0.002 min
Response: 21596268
Conc: 7.72 ng/ml m



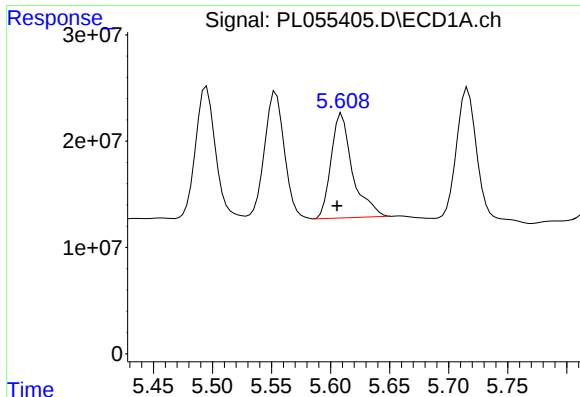
#8 Heptachlor epoxide

R.T.: 5.267 min
Delta R.T.: 0.002 min
Response: 141668241
Conc: 9.91 ng/ml



#8 Heptachlor epoxide

R.T.: 5.927 min
Delta R.T.: 0.002 min
Response: 25537293
Conc: 10.02 ng/ml m



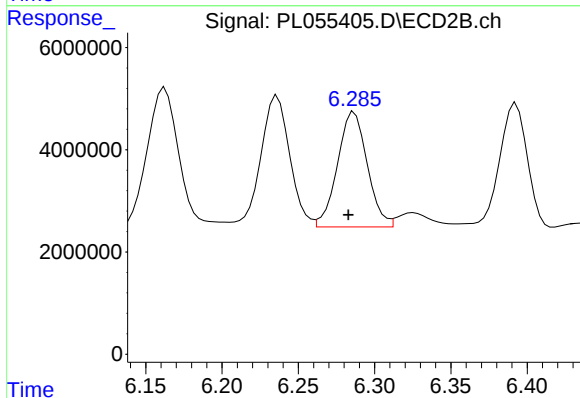
#9 Endosulfan I

R.T.: 5.609 min
Delta R.T.: 0.004 min
Response: 124270069
Conc: 9.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

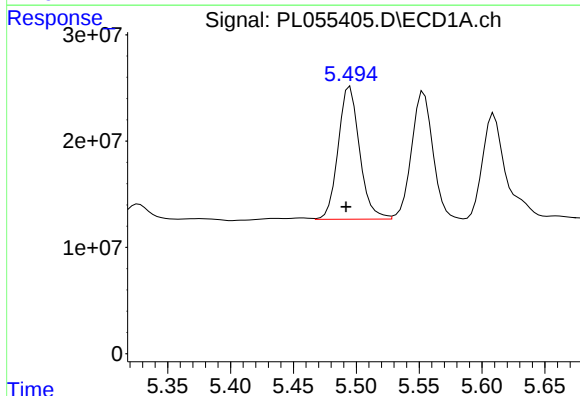
Manual Integrations
APPROVED

mohammad
12/31/2019 11:59:56 AM



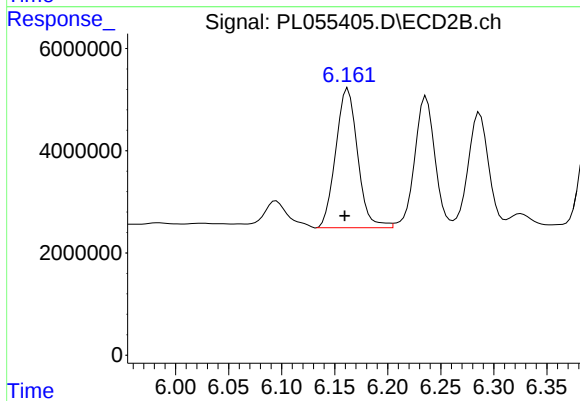
#9 Endosulfan I

R.T.: 6.287 min
Delta R.T.: 0.004 min
Response: 30563806
Conc: 12.34 ng/ml



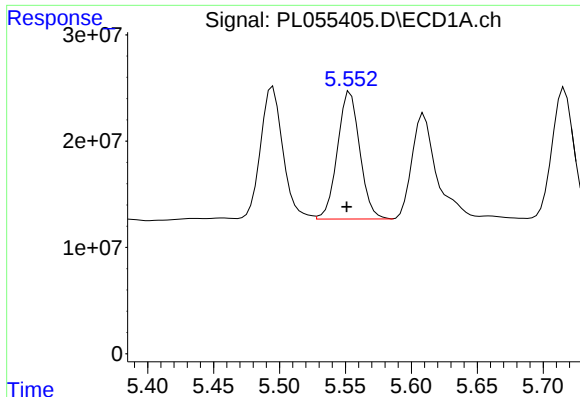
#10 gamma-Chlordane

R.T.: 5.495 min
Delta R.T.: 0.003 min
Response: 148056045
Conc: 10.16 ng/ml



#10 gamma-Chlordane

R.T.: 6.163 min
Delta R.T.: 0.003 min
Response: 39202911
Conc: 14.77 ng/ml



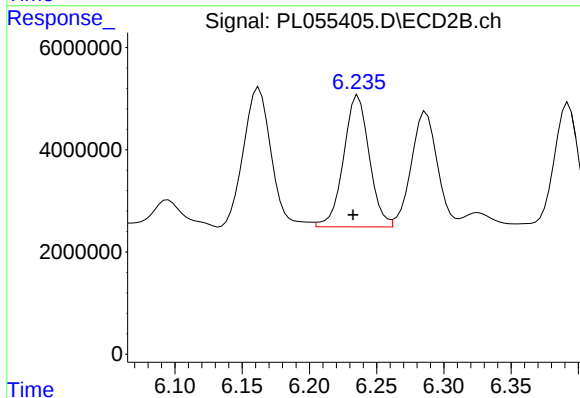
#11 alpha-Chlordane

R.T.: 5.554 min
Delta R.T.: 0.003 min
Response: 141434705
Conc: 10.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

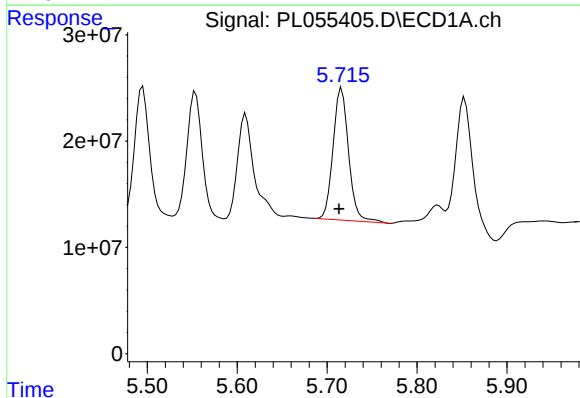
Manual Integrations
APPROVED

mohammad
12/31/2019 11:59:56 AM



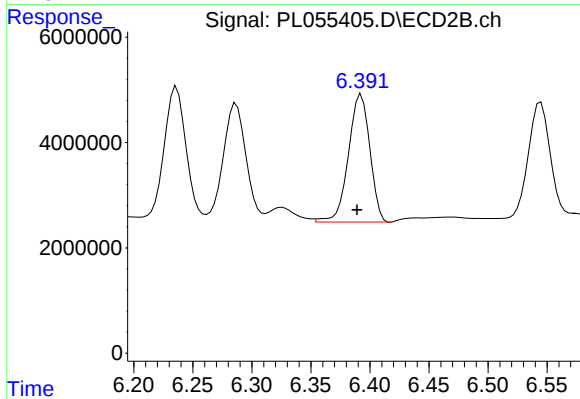
#11 alpha-Chlordane

R.T.: 6.236 min
Delta R.T.: 0.004 min
Response: 34106693
Conc: 13.01 ng/ml



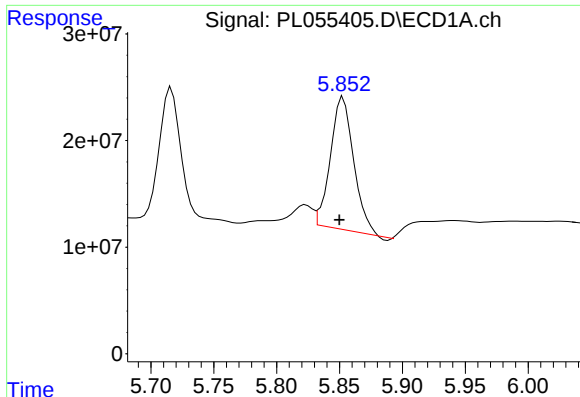
#12 4,4'-DDE

R.T.: 5.716 min
Delta R.T.: 0.003 min
Response: 149723105
Conc: 11.24 ng/ml



#12 4,4'-DDE

R.T.: 6.393 min
Delta R.T.: 0.004 min
Response: 30724543
Conc: 12.60 ng/ml



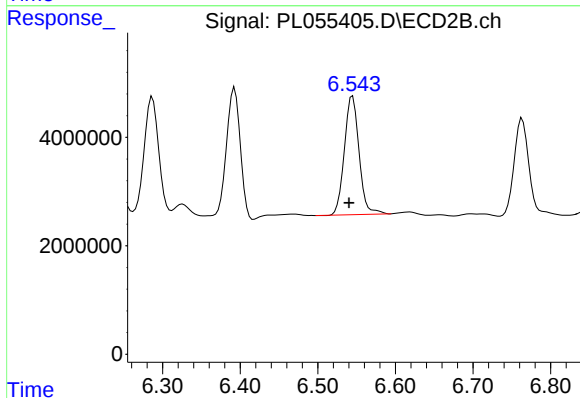
#13 Dieldrin

R.T.: 5.853 min
Delta R.T.: 0.003 min
Response: 158143187
Conc: 11.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

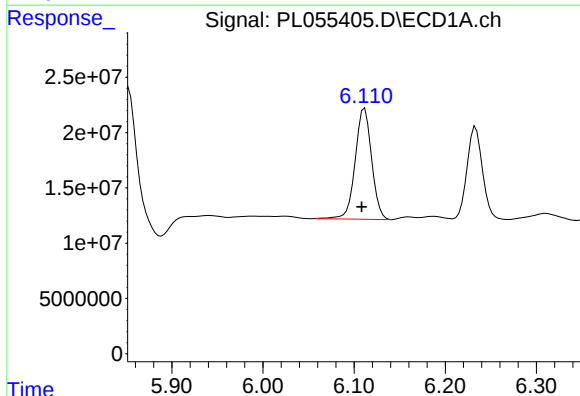
Manual Integrations
APPROVED

mohammad
12/31/2019 11:59:56 AM



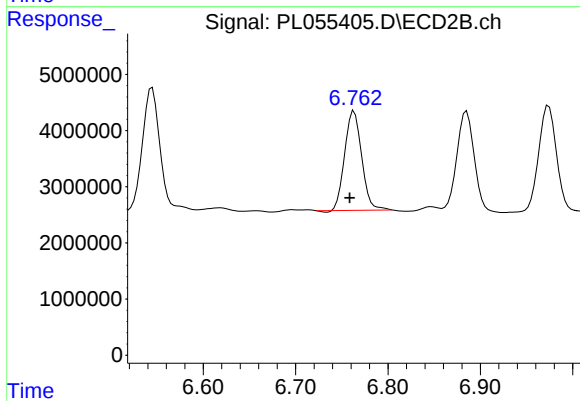
#13 Dieldrin

R.T.: 6.545 min
Delta R.T.: 0.005 min
Response: 28790095
Conc: 11.28 ng/ml



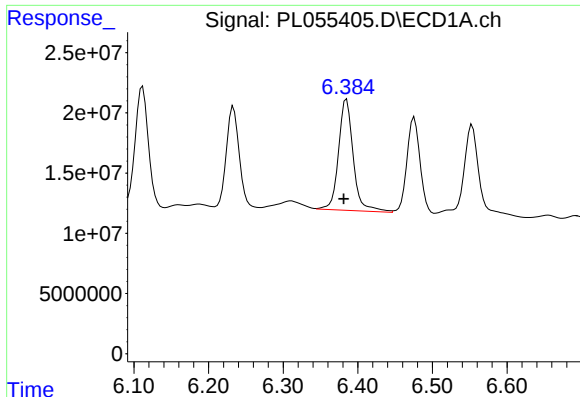
#14 Endrin

R.T.: 6.110 min
Delta R.T.: 0.002 min
Response: 125660586
Conc: 9.89 ng/ml m



#14 Endrin

R.T.: 6.763 min
Delta R.T.: 0.005 min
Response: 22638117
Conc: 10.55 ng/ml



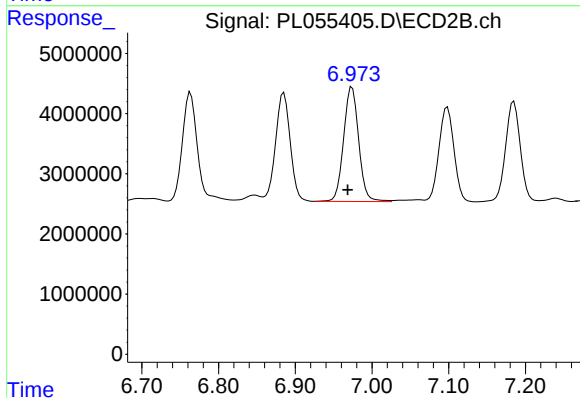
#15 Endosulfan II

R.T.: 6.385 min
Delta R.T.: 0.004 min
Response: 126890414
Conc: 10.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

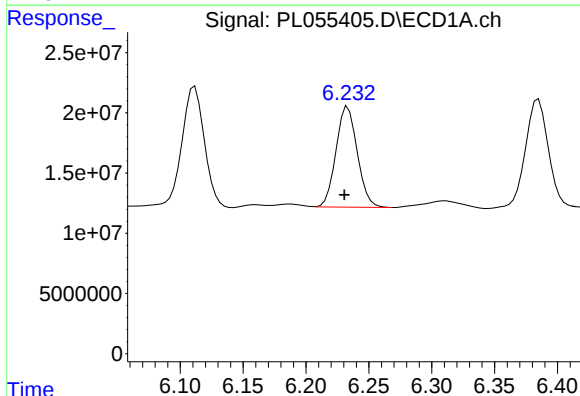
Manual Integrations
APPROVED

mohammad
12/31/2019 11:59:56 AM



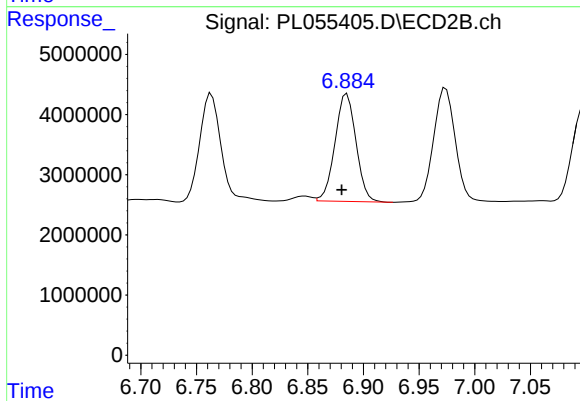
#15 Endosulfan II

R.T.: 6.974 min
Delta R.T.: 0.006 min
Response: 26157656
Conc: 11.03 ng/ml



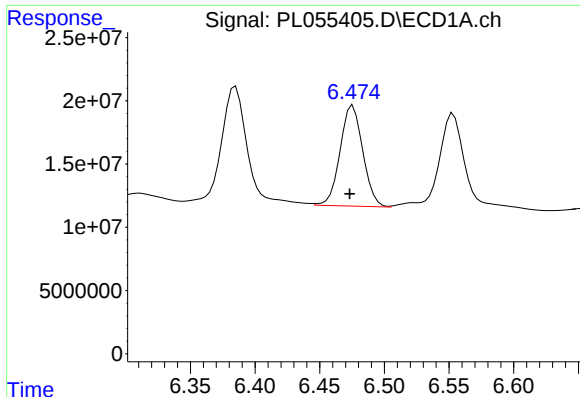
#16 4,4'-DDD

R.T.: 6.232 min
Delta R.T.: 0.001 min
Response: 98330204
Conc: 10.24 ng/ml m



#16 4,4'-DDD

R.T.: 6.885 min
Delta R.T.: 0.005 min
Response: 23493771
Conc: 12.36 ng/ml



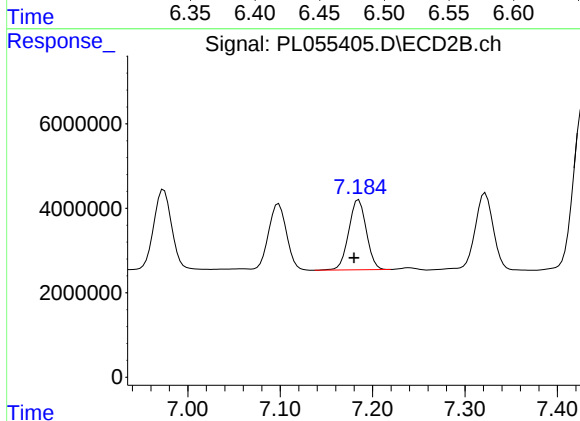
#17 4,4'-DDT

R.T.: 6.476 min
Delta R.T.: 0.003 min
Response: 97283916
Conc: 9.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

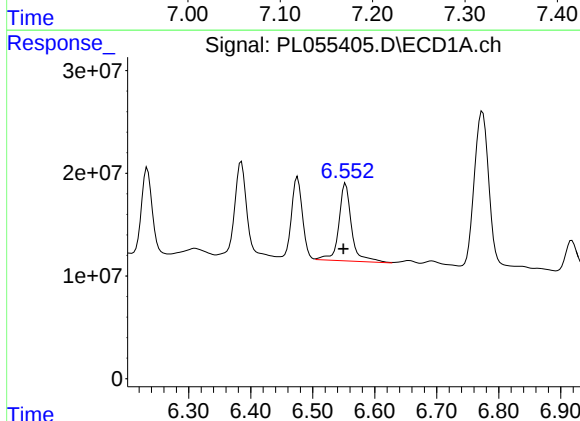
Manual Integrations
APPROVED

mohammad
12/31/2019 11:59:56 AM



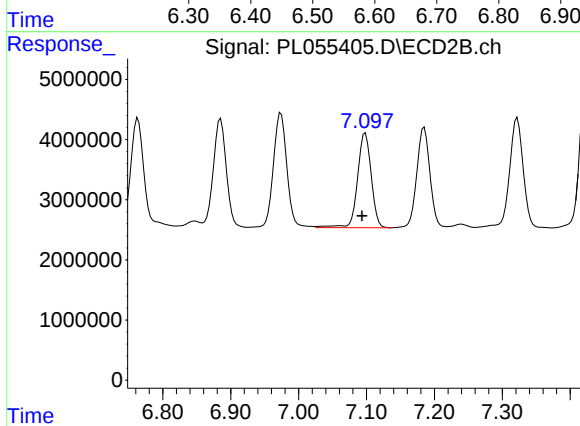
#17 4,4'-DDT

R.T.: 7.185 min
Delta R.T.: 0.005 min
Response: 22034285
Conc: 11.23 ng/ml



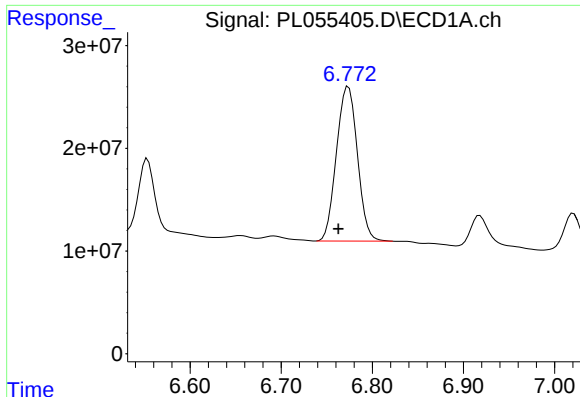
#18 Endrin aldehyde

R.T.: 6.553 min
Delta R.T.: 0.004 min
Response: 108530455
Conc: 11.14 ng/ml



#18 Endrin aldehyde

R.T.: 7.098 min
Delta R.T.: 0.005 min
Response: 22058038
Conc: 11.43 ng/ml



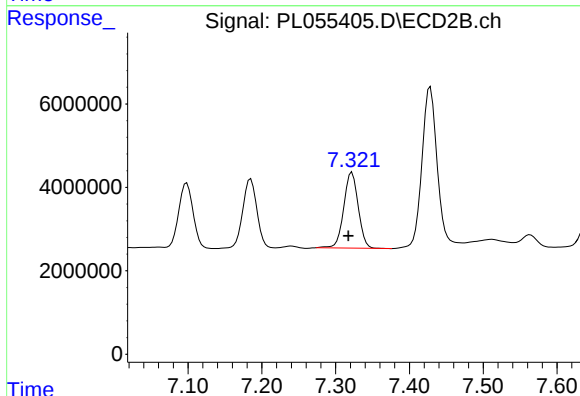
#19 Endosulfan Sulfate

R.T.: 6.774 min
Delta R.T.: 0.011 min
Response: 239820205
Conc: 23.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

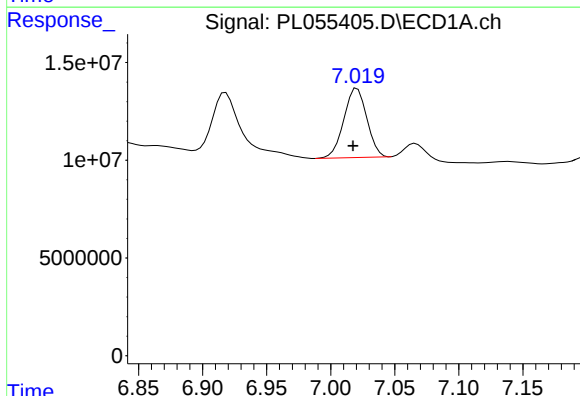
Manual Integrations
APPROVED

mohammad
12/31/2019 11:59:56 AM



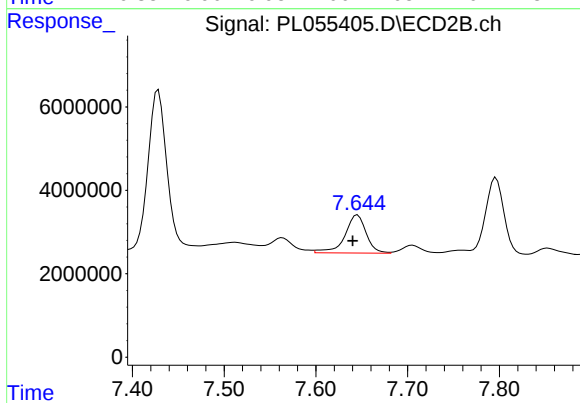
#19 Endosulfan Sulfate

R.T.: 7.322 min
Delta R.T.: 0.005 min
Response: 24837993
Conc: 11.89 ng/ml



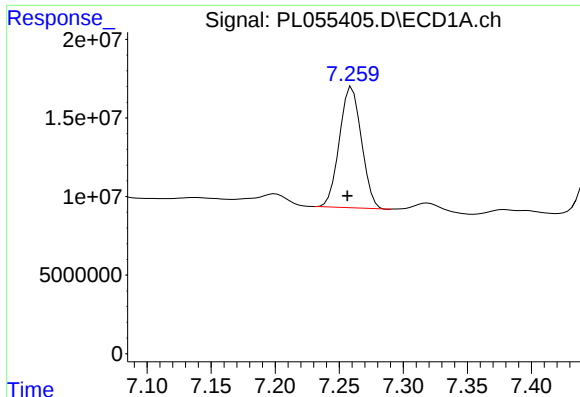
#20 Methoxychlor

R.T.: 7.021 min
Delta R.T.: 0.003 min
Response: 44202782
Conc: 9.17 ng/ml



#20 Methoxychlor

R.T.: 7.645 min
Delta R.T.: 0.005 min
Response: 14680407
Conc: 13.60 ng/ml



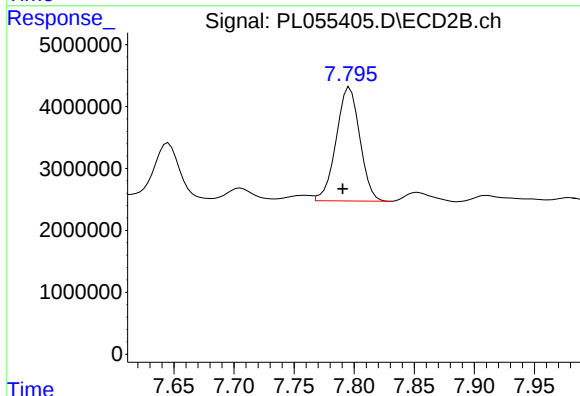
#21 Endrin ketone

R.T.: 7.260 min
Delta R.T.: 0.004 min
Response: 91978241
Conc: 8.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

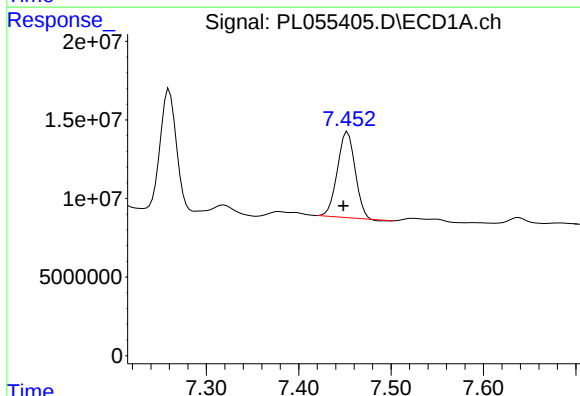
Manual Integrations
APPROVED

mohammad
12/31/2019 11:59:56 AM



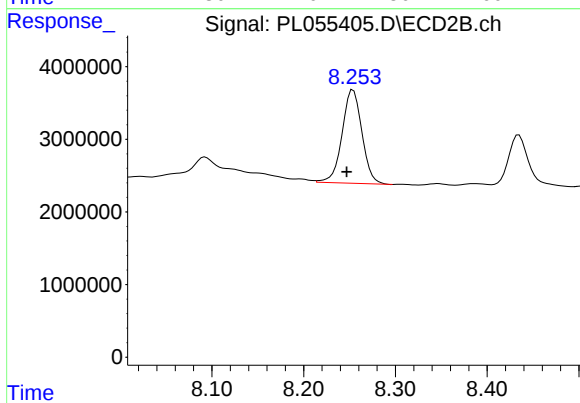
#21 Endrin ketone

R.T.: 7.796 min
Delta R.T.: 0.006 min
Response: 25215963
Conc: 11.32 ng/ml



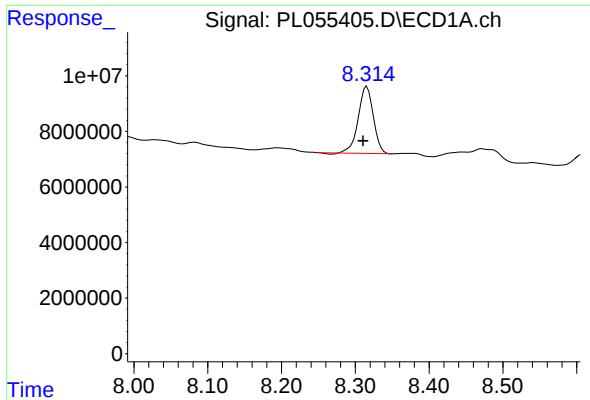
#22 Mirex

R.T.: 7.453 min
Delta R.T.: 0.005 min
Response: 72251989
Conc: 9.49 ng/ml



#22 Mirex

R.T.: 8.254 min
Delta R.T.: 0.007 min
Response: 19366834
Conc: 11.68 ng/ml



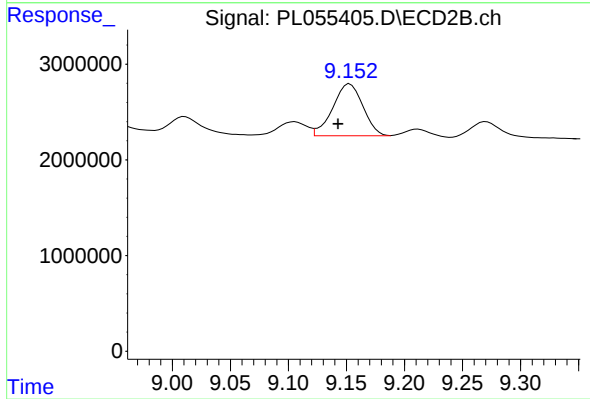
#28 Decachlorobiphenyl

R.T.: 8.316 min
Delta R.T.: 0.005 min
Response: 34134704
Conc: 3.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR31-48MSD

Manual Integrations
APPROVED

mohammad
12/31/2019 11:59:56 AM



#28 Decachlorobiphenyl

R.T.: 9.152 min
Delta R.T.: 0.009 min
Response: 9765285
Conc: 4.42 ng/ml m