

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
 Data File : PD065106.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Aug 2021 14:35
 Operator : AR\AJ
 Sample : PB138563BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB138563BS

Manual Integrations
 APPROVED

mohammad
 8/23/2021 2:23:17 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 21 00:33:08 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.496	4.012	23786114	172.0E6	23.141	21.721
28)	SA Decachlor...	8.241	9.083	26434844	102.4E6	23.331	21.648
Target Compounds							
2)	A alpha-BHC	3.935	4.407	70024717	534.3E6	48.928	45.995
3)	MA gamma-BHC...	4.219	4.694	65317689	501.1E6	47.609	47.306
4)	MA Heptachlor	4.517	5.196	61174495	466.2E6	46.968	46.496m
5)	MB Aldrin	4.765	5.502	55623099	403.6E6	46.383	44.686m
6)	B beta-BHC	4.467	4.869	31033864	225.3E6	47.740	50.082
7)	B delta-BHC	4.672	5.086	63654090	467.3E6	48.147	48.121
8)	B Heptachlo...	5.208	5.891	55390333	308.3E6	48.743	41.318m
9)	A Endosulfan I	5.546	6.250	51631658	345.4E6	48.403	49.049
10)	B gamma-Chl...	5.431	6.124	55267117	364.1E6	48.880m	47.619m
11)	B alpha-Chl...	5.491	6.198	53862400	363.3E6	48.106	48.800
12)	B 4,4'-DDE	5.654	6.356	53226247	348.0E6	50.502	48.457
13)	MA Dieldrin	5.789	6.507	56552332	355.9E6	50.391	49.051m
14)	MA Endrin	6.046	6.726	49278611	266.7E6	46.959	43.335
15)	B Endosulfa...	6.319	6.940	51540549	306.0E6	51.547	52.179
16)	A 4,4'-DDD	6.169	6.850	45467191	295.9E6	48.073	50.319
17)	MA 4,4'-DDT	6.409	7.147	49642741	303.1E6	49.918	50.539
18)	B Endrin al...	6.488	7.065	44624758	263.6E6	53.927	56.506
19)	B Endosulfa...	6.699	7.287	54471303	306.1E6	51.296	53.370
20)	A Methoxychlor	6.955	7.607	29952379	151.6E6	50.817	50.113
21)	B Endrin ke...	7.193	7.761	64301202	343.7E6	50.437	52.880
22)	Mirex	7.378	8.210	49503162	226.0E6	48.546	50.750

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
Data File : PD065106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Aug 2021 14:35
Operator : AR\AJ
Sample : PB138563BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

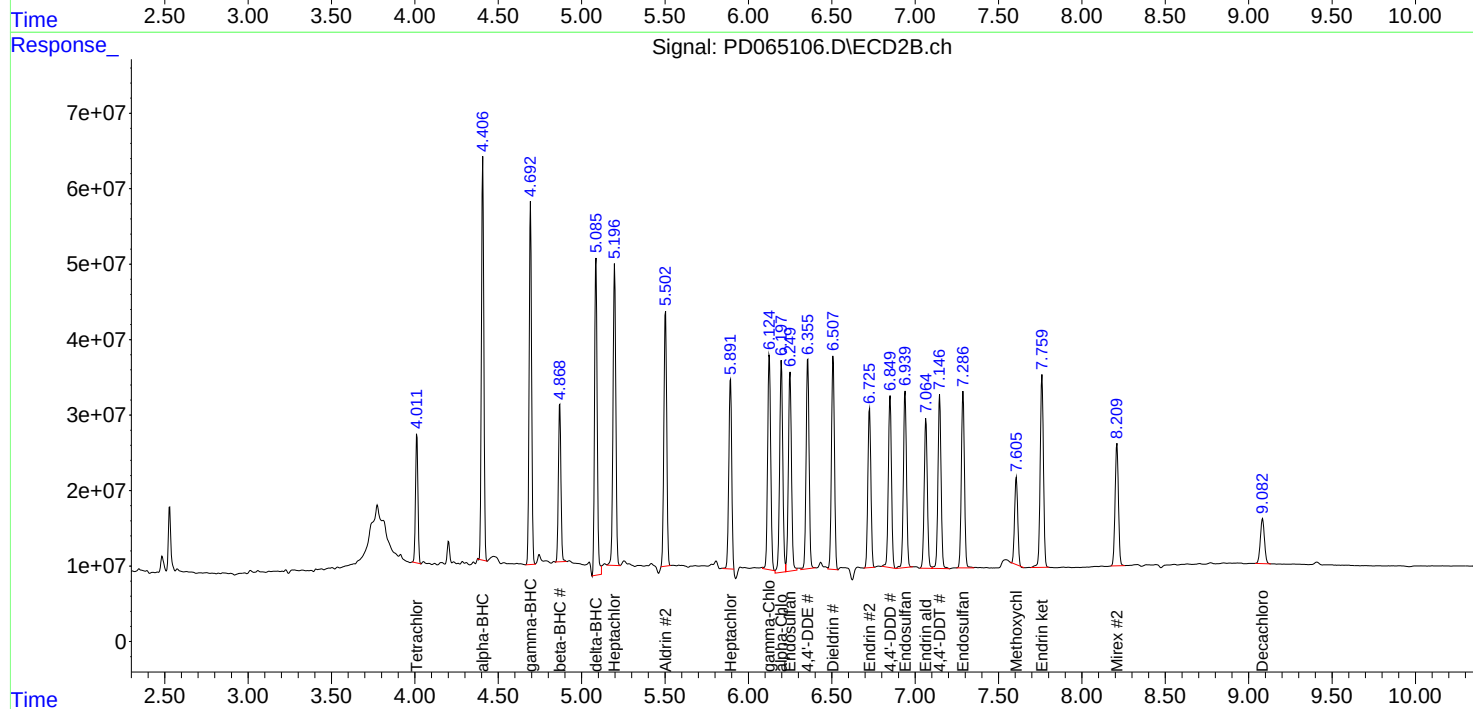
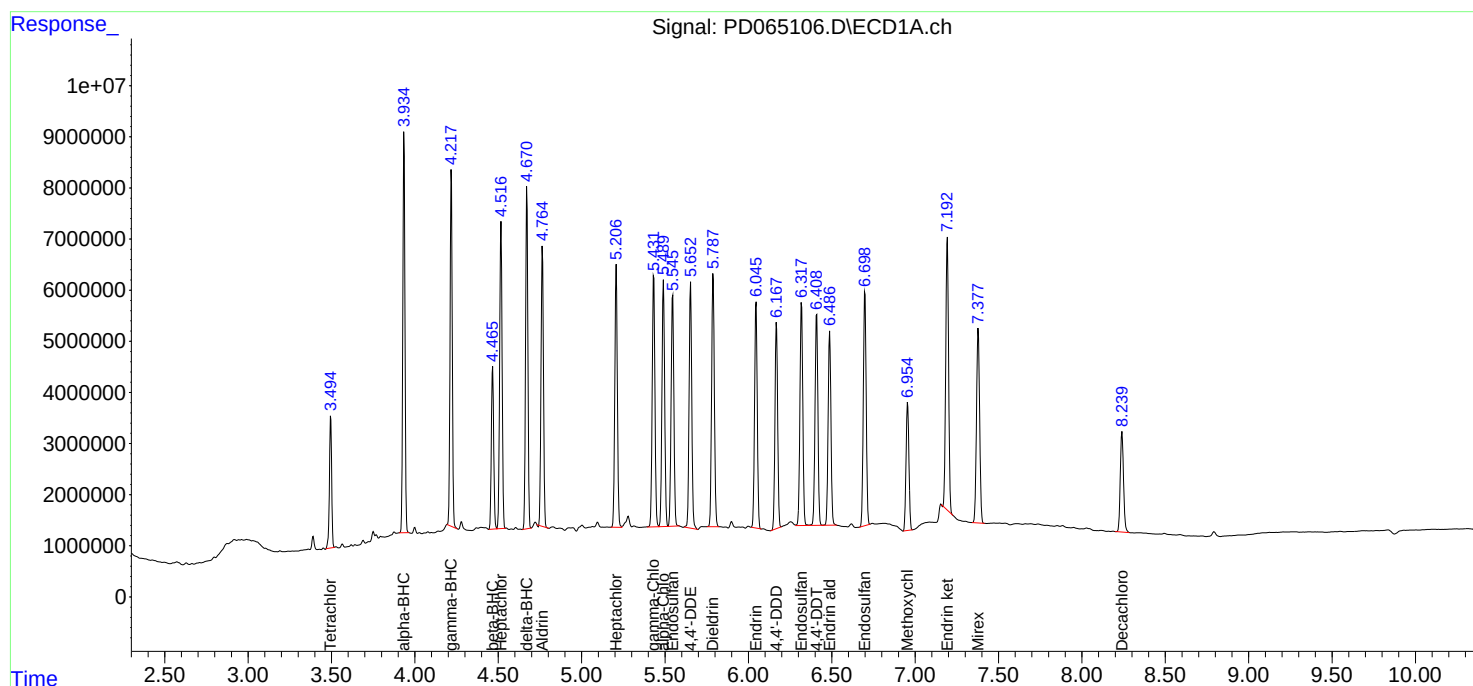
Instrument :
ECD_D
ClientSampleId :
PB138563BS

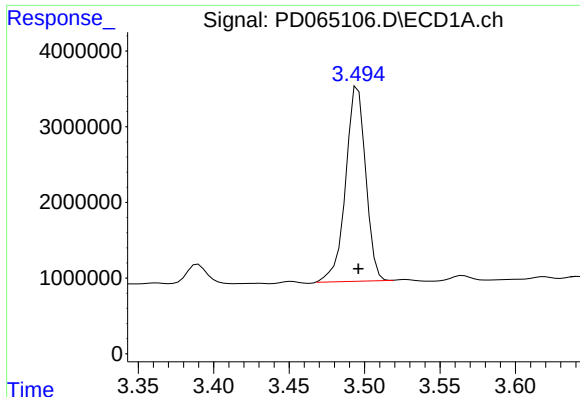
Manual Integrations
APPROVED

mohammad
8/23/2021 2:23:17 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 21 00:33:08 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
Quant Title : GC Extractables
QLast Update : Fri Aug 20 02:25:41 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 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 x 0.50µm





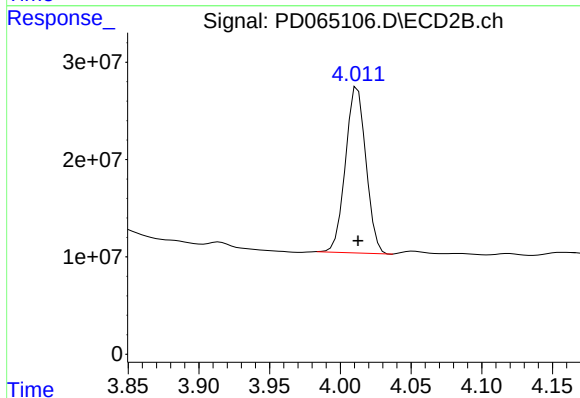
#1 Tetrachloro-m-xylene

R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 23786114
Conc: 23.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138563BS

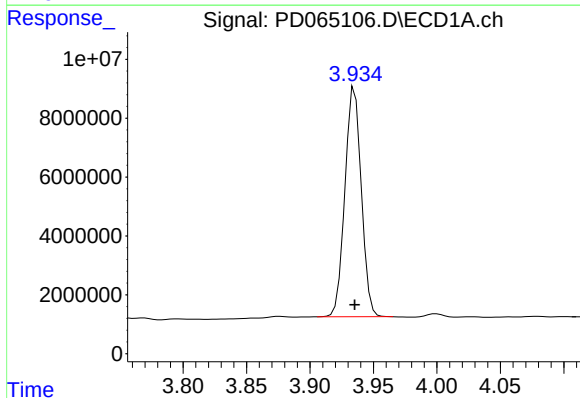
Manual Integrations
APPROVED

mohammad
8/23/2021 2:23:17 PM



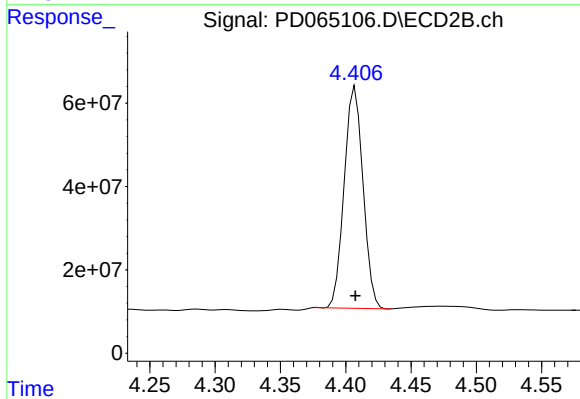
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 172042153
Conc: 21.72 ng/ml



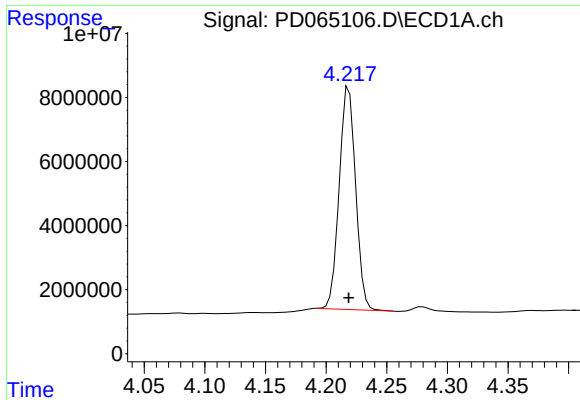
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 70024717
Conc: 48.93 ng/ml



#2 alpha-BHC

R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 534331463
Conc: 46.00 ng/ml



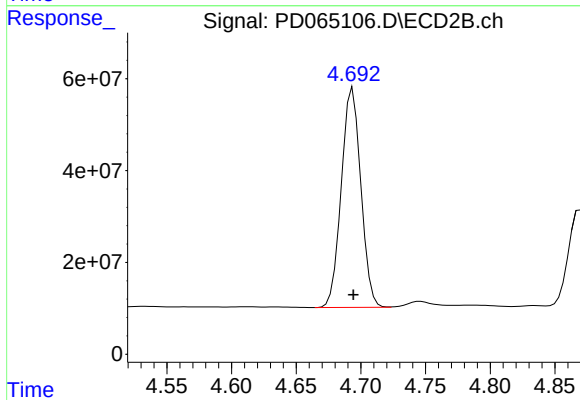
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 65317689
Conc: 47.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138563BS

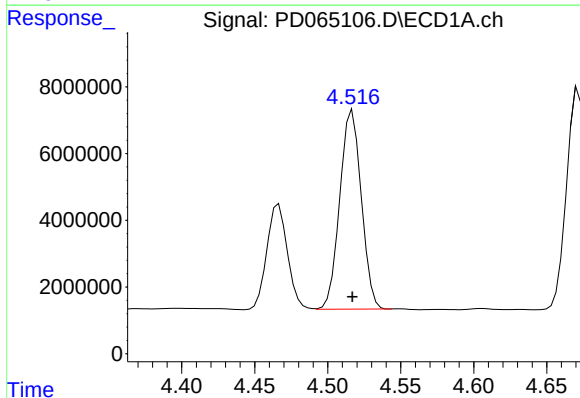
Manual Integrations
APPROVED

mohammad
8/23/2021 2:23:17 PM



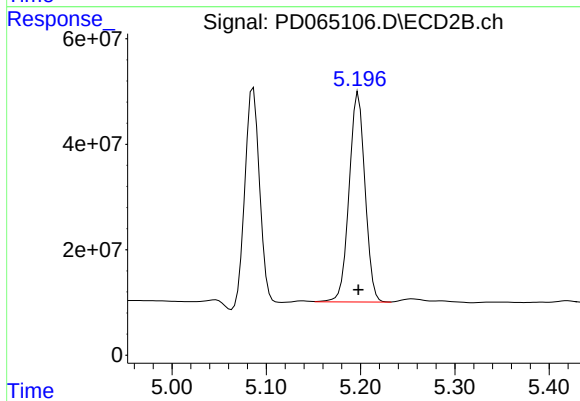
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 501132023
Conc: 47.31 ng/ml



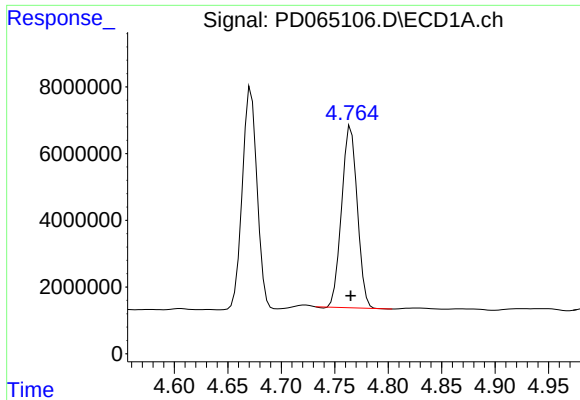
#4 Heptachlor

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 61174495
Conc: 46.97 ng/ml



#4 Heptachlor

R.T.: 5.196 min
Delta R.T.: -0.001 min
Response: 466174546
Conc: 46.50 ng/ml m



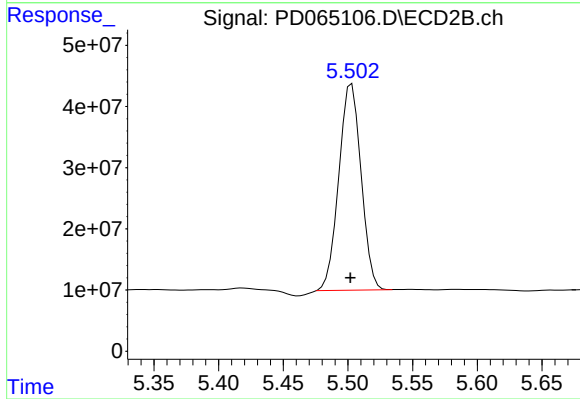
#5 Aldrin

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 55623099
Conc: 46.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138563BS

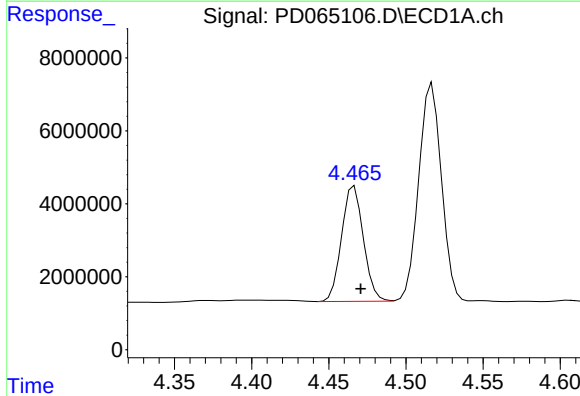
Manual Integrations
APPROVED

mohammad
8/23/2021 2:23:17 PM



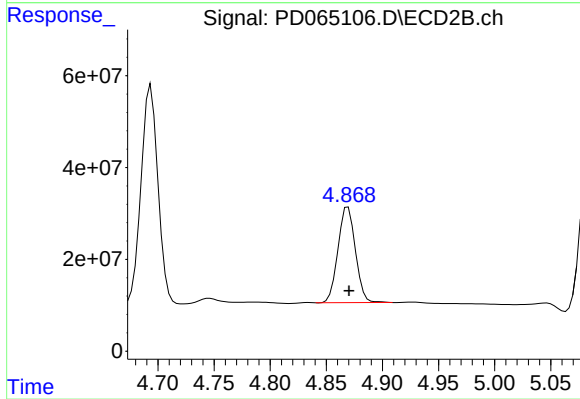
#5 Aldrin

R.T.: 5.502 min
Delta R.T.: 0.000 min
Response: 403645919
Conc: 44.69 ng/ml m



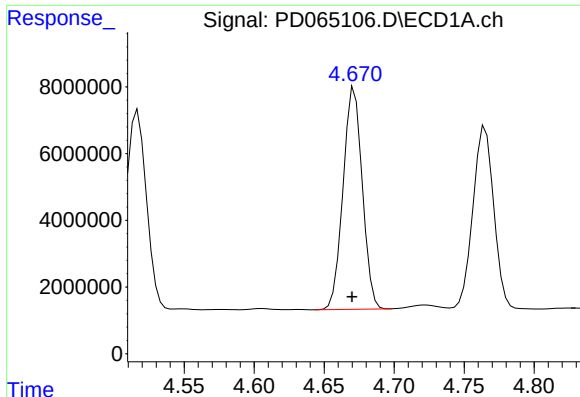
#6 beta-BHC

R.T.: 4.467 min
Delta R.T.: -0.004 min
Response: 31033864
Conc: 47.74 ng/ml



#6 beta-BHC

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 225328879
Conc: 50.08 ng/ml



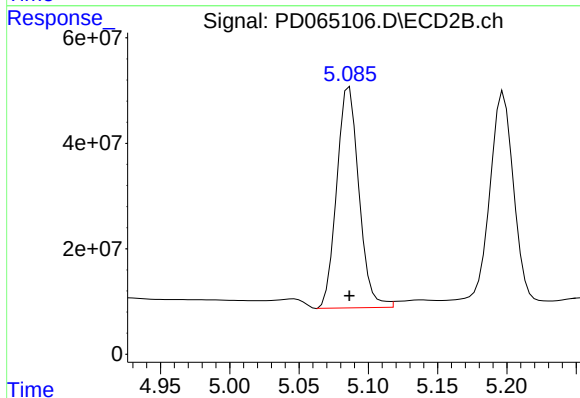
#7 delta-BHC

R.T.: 4.672 min
Delta R.T.: 0.002 min
Response: 63654090
Conc: 48.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138563BS

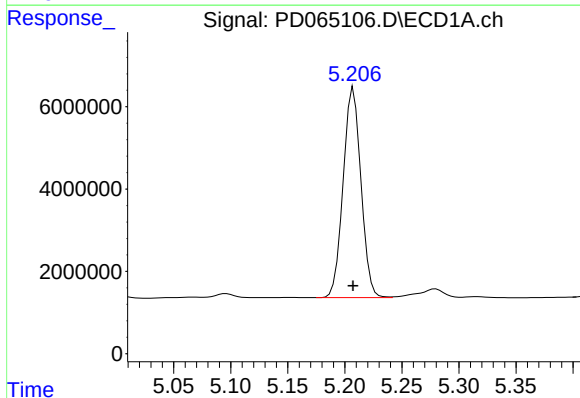
Manual Integrations
APPROVED

mohammad
8/23/2021 2:23:17 PM



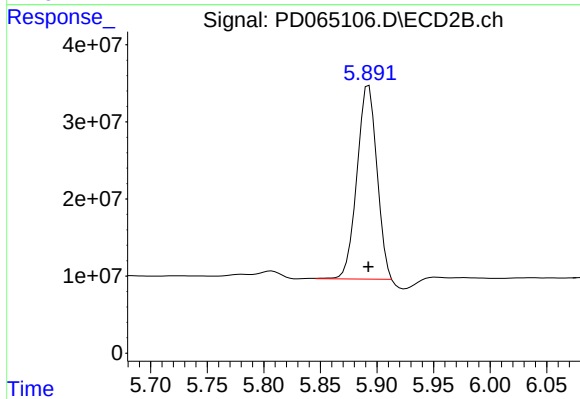
#7 delta-BHC

R.T.: 5.086 min
Delta R.T.: 0.000 min
Response: 467326581
Conc: 48.12 ng/ml



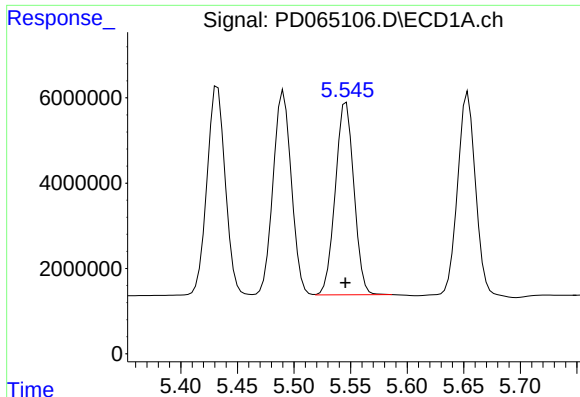
#8 Heptachlor epoxide

R.T.: 5.208 min
Delta R.T.: 0.000 min
Response: 55390333
Conc: 48.74 ng/ml



#8 Heptachlor epoxide

R.T.: 5.891 min
Delta R.T.: 0.000 min
Response: 308254154
Conc: 41.32 ng/ml m



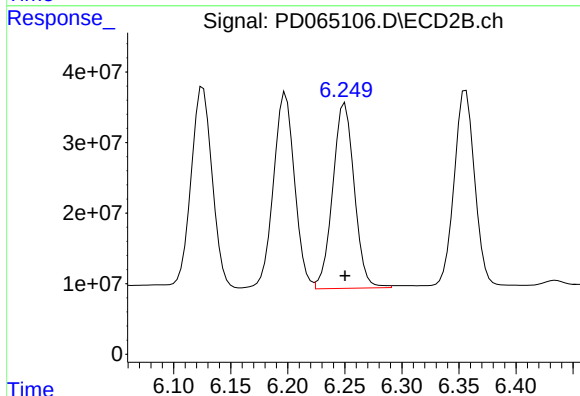
#9 Endosulfan I

R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 51631658
Conc: 48.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138563BS

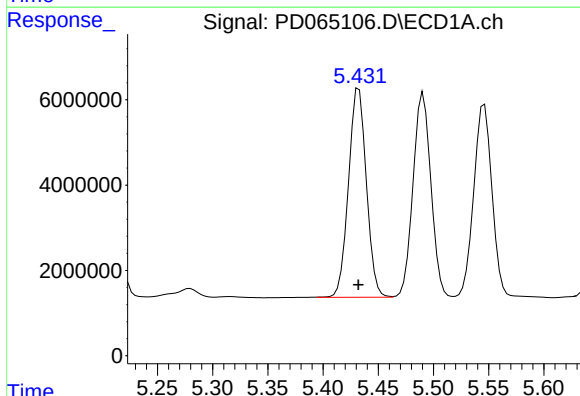
Manual Integrations
APPROVED

mohammad
8/23/2021 2:23:17 PM



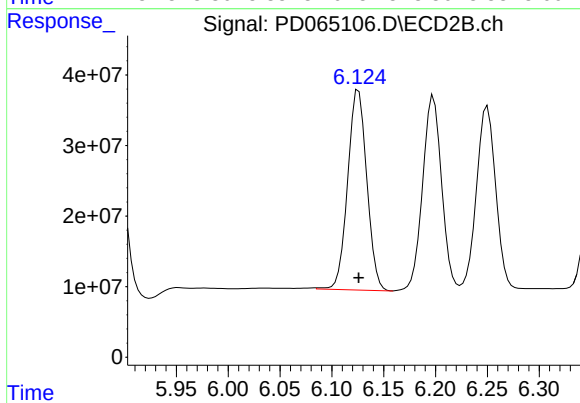
#9 Endosulfan I

R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 345434347
Conc: 49.05 ng/ml



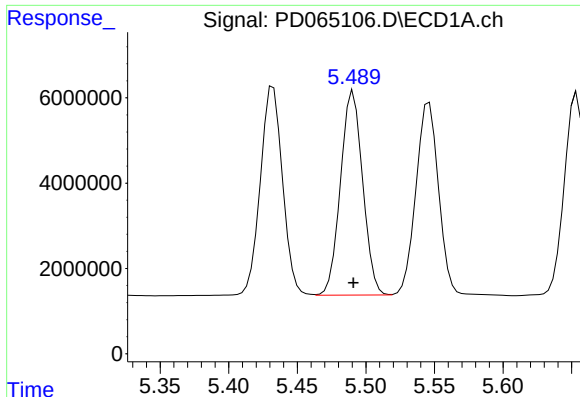
#10 gamma-Chlordane

R.T.: 5.431 min
Delta R.T.: -0.001 min
Response: 55267117
Conc: 48.88 ng/ml m



#10 gamma-Chlordane

R.T.: 6.124 min
Delta R.T.: -0.002 min
Response: 364102269
Conc: 47.62 ng/ml m



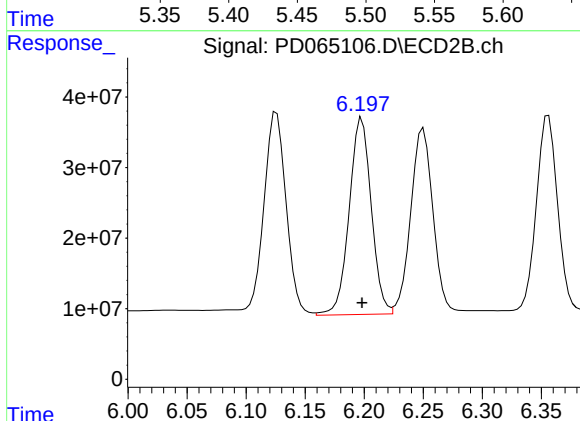
#11 alpha-Chlordane

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 53862400
Conc: 48.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138563BS

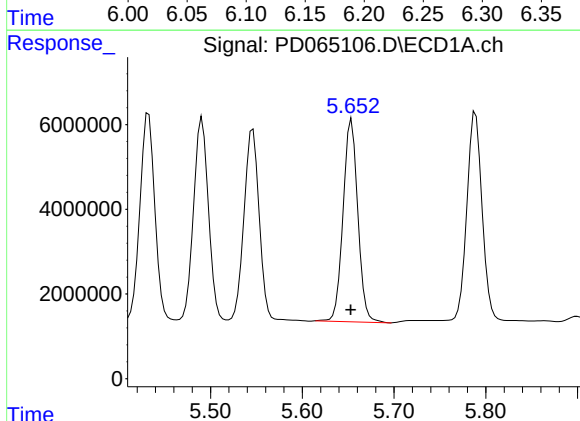
Manual Integrations
APPROVED

mohammad
8/23/2021 2:23:17 PM



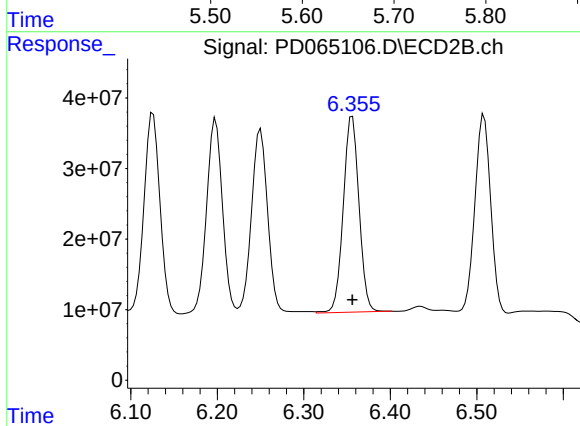
#11 alpha-Chlordane

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 363295628
Conc: 48.80 ng/ml



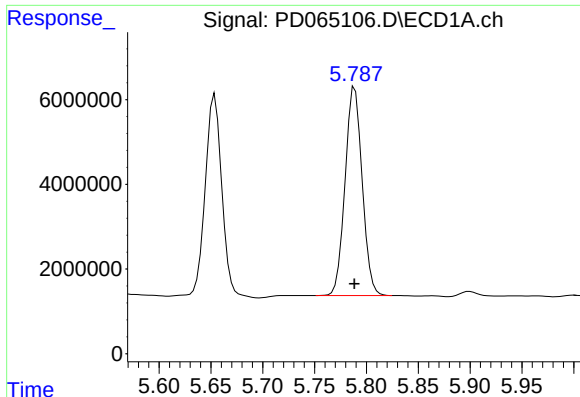
#12 4,4'-DDE

R.T.: 5.654 min
Delta R.T.: 0.000 min
Response: 53226247
Conc: 50.50 ng/ml



#12 4,4'-DDE

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 347960162
Conc: 48.46 ng/ml



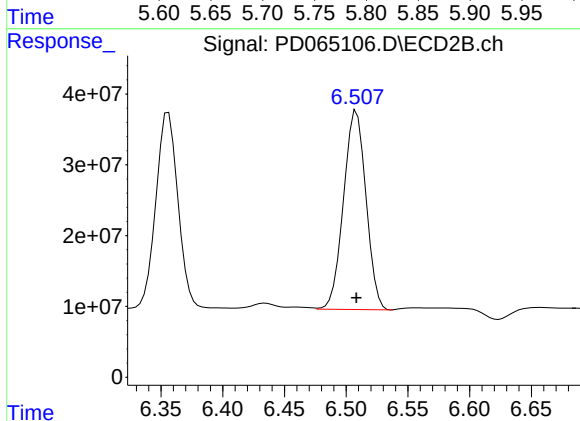
#13 Dieldrin

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 56552332
Conc: 50.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138563BS

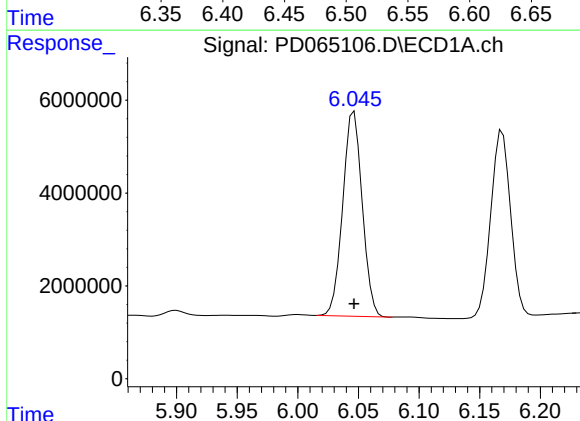
Manual Integrations
APPROVED

mohammad
8/23/2021 2:23:17 PM



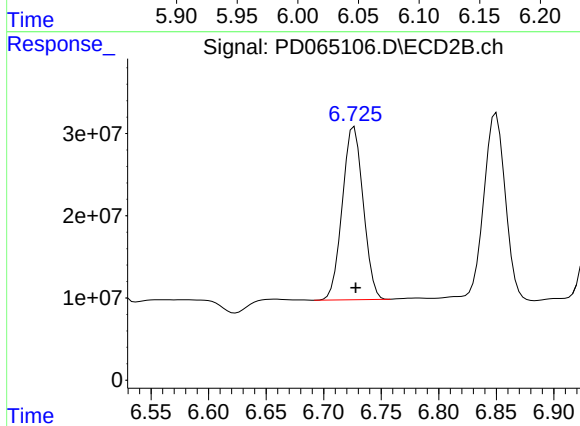
#13 Dieldrin

R.T.: 6.507 min
Delta R.T.: -0.001 min
Response: 355924958
Conc: 49.05 ng/ml m



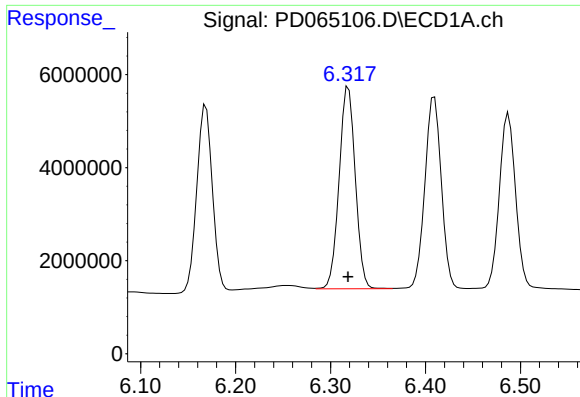
#14 Endrin

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 49278611
Conc: 46.96 ng/ml



#14 Endrin

R.T.: 6.726 min
Delta R.T.: -0.001 min
Response: 266716370
Conc: 43.33 ng/ml



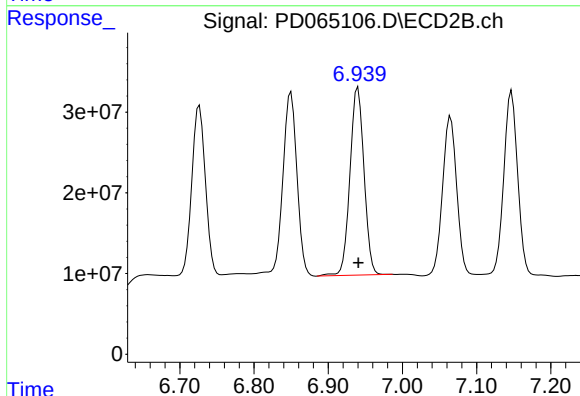
#15 Endosulfan II

R.T.: 6.319 min
Delta R.T.: 0.000 min
Response: 51540549
Conc: 51.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138563BS

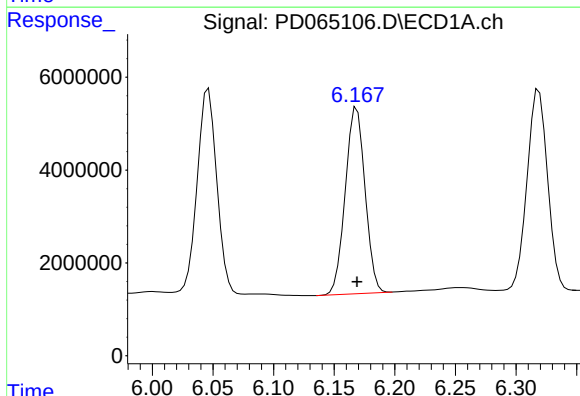
Manual Integrations
APPROVED

mohammad
8/23/2021 2:23:17 PM



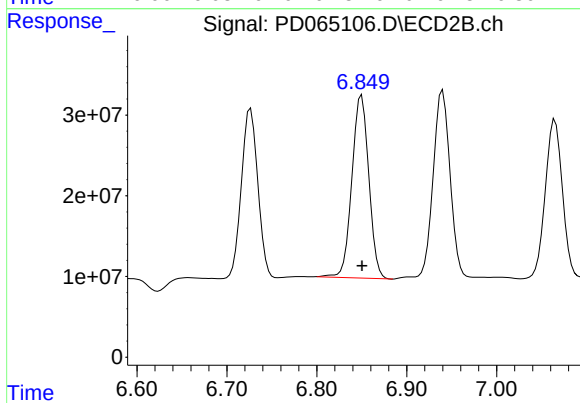
#15 Endosulfan II

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 305972559
Conc: 52.18 ng/ml



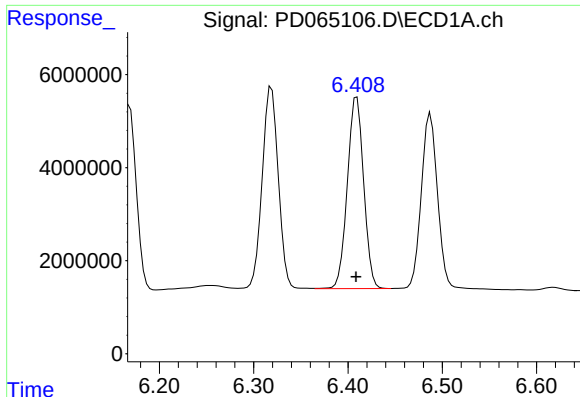
#16 4,4'-DDD

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 45467191
Conc: 48.07 ng/ml



#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 295896956
Conc: 50.32 ng/ml



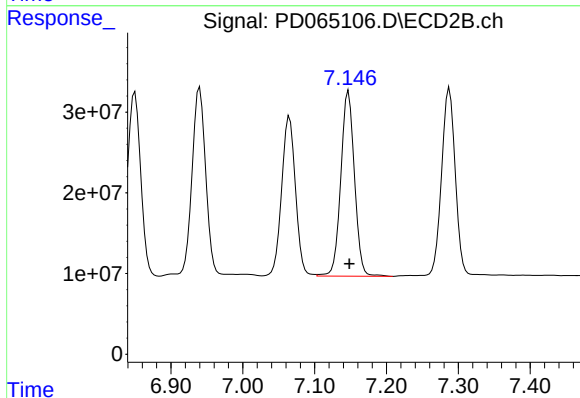
#17 4,4'-DDT

R.T.: 6.409 min
Delta R.T.: 0.000 min
Response: 49642741
Conc: 49.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138563BS

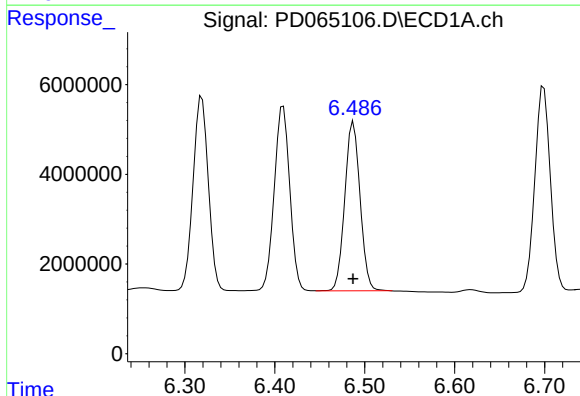
Manual Integrations
APPROVED

mohammad
8/23/2021 2:23:17 PM



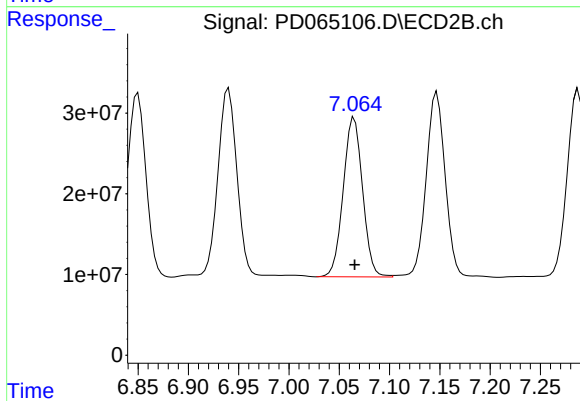
#17 4,4'-DDT

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 303080014
Conc: 50.54 ng/ml



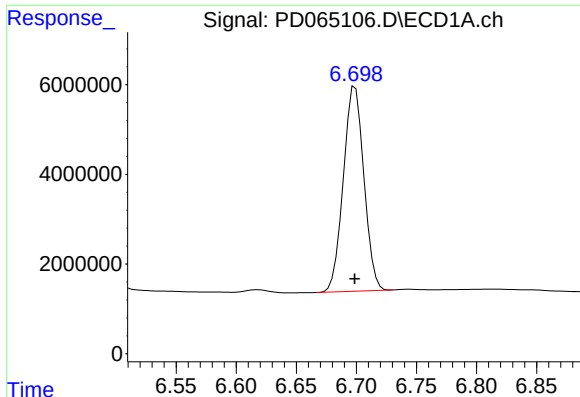
#18 Endrin aldehyde

R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 44624758
Conc: 53.93 ng/ml



#18 Endrin aldehyde

R.T.: 7.065 min
Delta R.T.: 0.000 min
Response: 263567443
Conc: 56.51 ng/ml



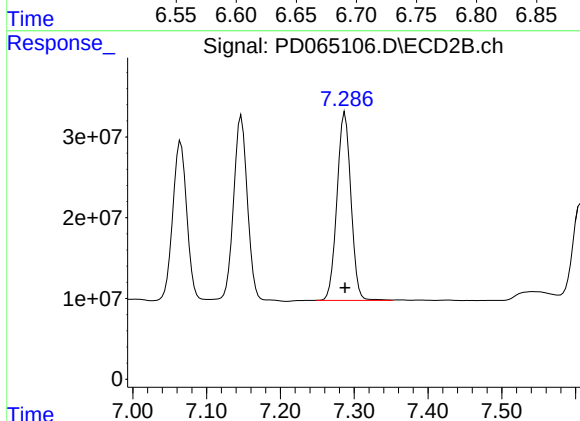
#19 Endosulfan Sulfate

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 54471303
Conc: 51.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138563BS

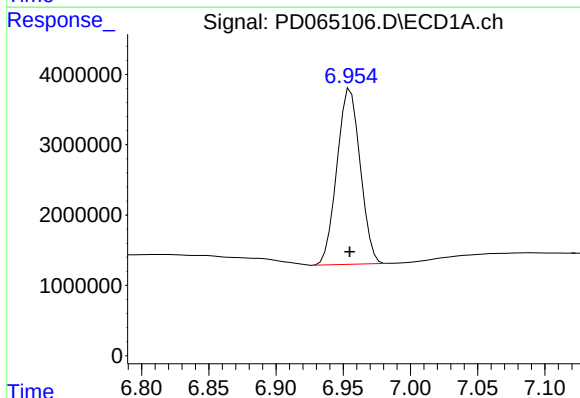
Manual Integrations
APPROVED

mohammad
8/23/2021 2:23:17 PM



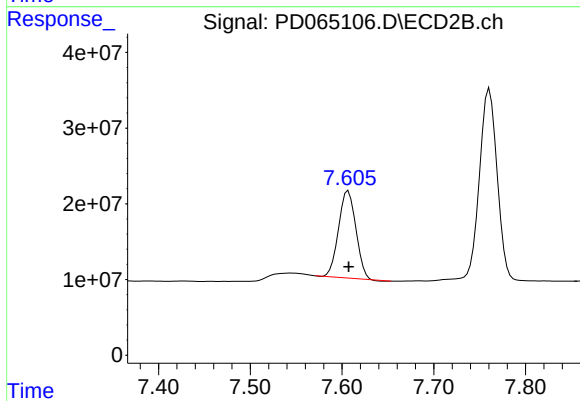
#19 Endosulfan Sulfate

R.T.: 7.287 min
Delta R.T.: 0.000 min
Response: 306055002
Conc: 53.37 ng/ml



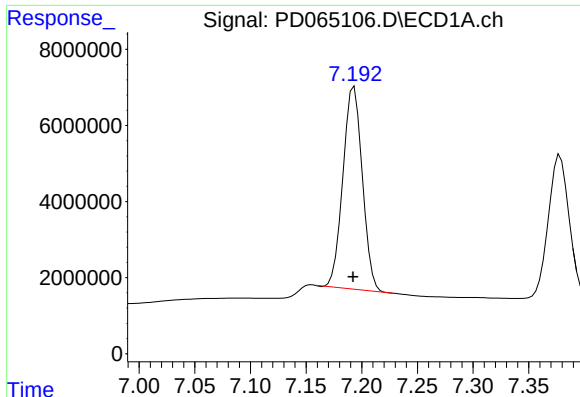
#20 Methoxychlor

R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 29952379
Conc: 50.82 ng/ml



#20 Methoxychlor

R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 151648162
Conc: 50.11 ng/ml



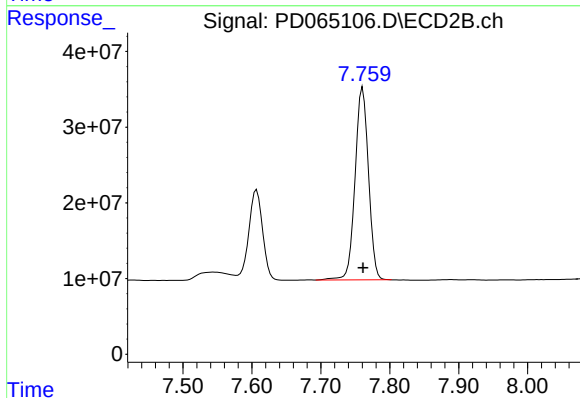
#21 Endrin ketone

R.T.: 7.193 min
Delta R.T.: 0.000 min
Response: 64301202
Conc: 50.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138563BS

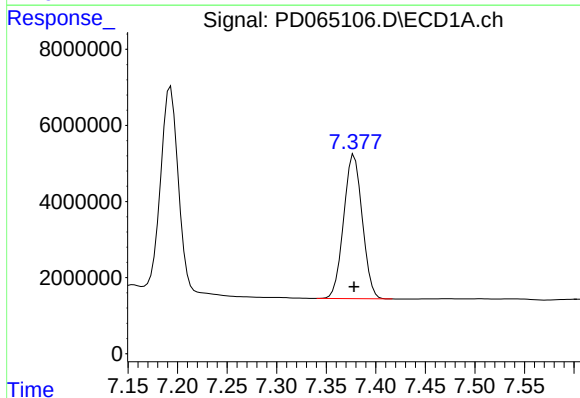
Manual Integrations
APPROVED

mohammad
8/23/2021 2:23:17 PM



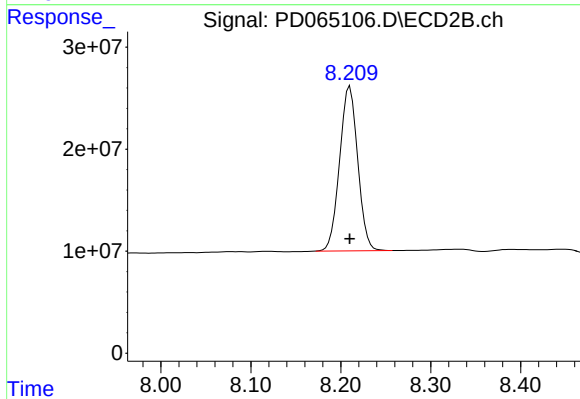
#21 Endrin ketone

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 343652638
Conc: 52.88 ng/ml



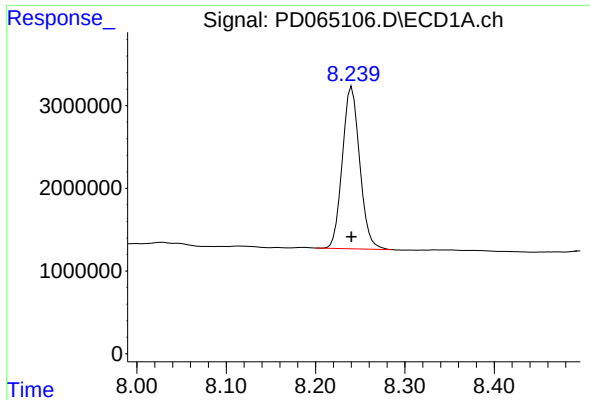
#22 Mirex

R.T.: 7.378 min
Delta R.T.: 0.000 min
Response: 49503162
Conc: 48.55 ng/ml



#22 Mirex

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 225955906
Conc: 50.75 ng/ml



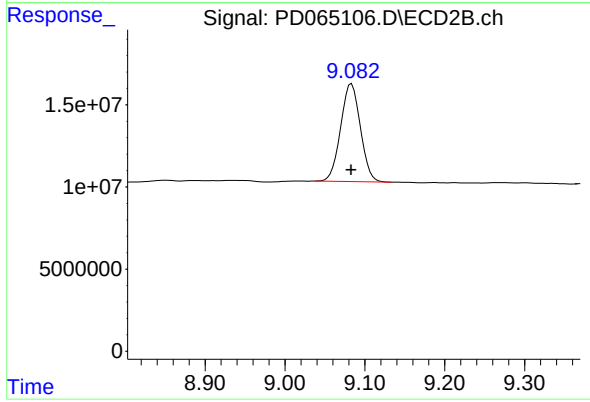
#28 Decachlorobiphenyl

R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 26434844
Conc: 23.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138563BS

Manual Integrations
APPROVED

mohammad
8/23/2021 2:23:17 PM



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 102447526
Conc: 21.65 ng/ml