

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090821\
 Data File : PD065621.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2021 11:31
 Operator : AR\AJ
 Sample : PB138937BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB138937BSD

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 07:09:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
 Quant Title : GC Extractables
 QLast Update : Sat Sep 04 01:23:47 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...	3.497	4.012	17258655	152.2E6	17.611	20.761
28)	SA Decachlor...	8.244	9.087	33172728	112.6E6	19.241	21.099
Target Compounds							
2)	A alpha-BHC	3.937	4.408	66041229	529.2E6	45.840	50.028
3)	MA gamma-BHC...	4.221	4.694	64042648	484.7E6	44.369	49.184
4)	MA Heptachlor	4.520	5.199	65240439	443.6E6	42.986	48.786
5)	MB Aldrin	4.768	5.505	62780146	411.2E6	43.930	48.744
6)	B beta-BHC	4.469	4.870	30970060	220.9E6	42.077	47.441
7)	B delta-BHC	4.675	5.085	67378597	478.7E6	45.180	51.487m
8)	B Heptachlo...	5.210	5.894	63945333	361.1E6	43.840	50.136
9)	A Endosulfan I	5.549	6.252	62260690	350.3E6	43.923	49.733
10)	B gamma-Chl...	5.435	6.128	66667935	371.6E6	43.649	49.484
11)	B alpha-Chl...	5.494	6.199	65812689	364.5E6	43.719	49.497
12)	B 4,4'-DDE	5.657	6.358	63341036	366.5E6	44.422	50.733
13)	MA Dieldrin	5.792	6.510	69352326	379.8E6	44.817	50.337
14)	MA Endrin	6.050	6.729	63190649	311.1E6	45.958	52.148
15)	B Endosulfa...	6.322	6.942	63902722	325.3E6	44.493	50.735
16)	A 4,4'-DDD	6.172	6.852	57360660	310.6E6	44.993	49.751
17)	MA 4,4'-DDT	6.412	7.150	62841879	308.9E6	45.657	50.718
18)	B Endrin al...	6.490	7.067	56869374	280.9E6	45.087	51.410
19)	B Endosulfa...	6.702	7.289	70323331	329.4E6	45.513	51.529
20)	A Methoxychlor	6.959	7.610	38838249	168.8E6	46.318	51.866
21)	B Endrin ke...	7.197	7.763	85740911	376.4E6	46.113	49.757
22)	Mirex	7.381	8.213	69829709	261.5E6	44.543	49.446

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090821\
Data File : PD065621.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2021 11:31
Operator : AR\AJ
Sample : PB138937BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

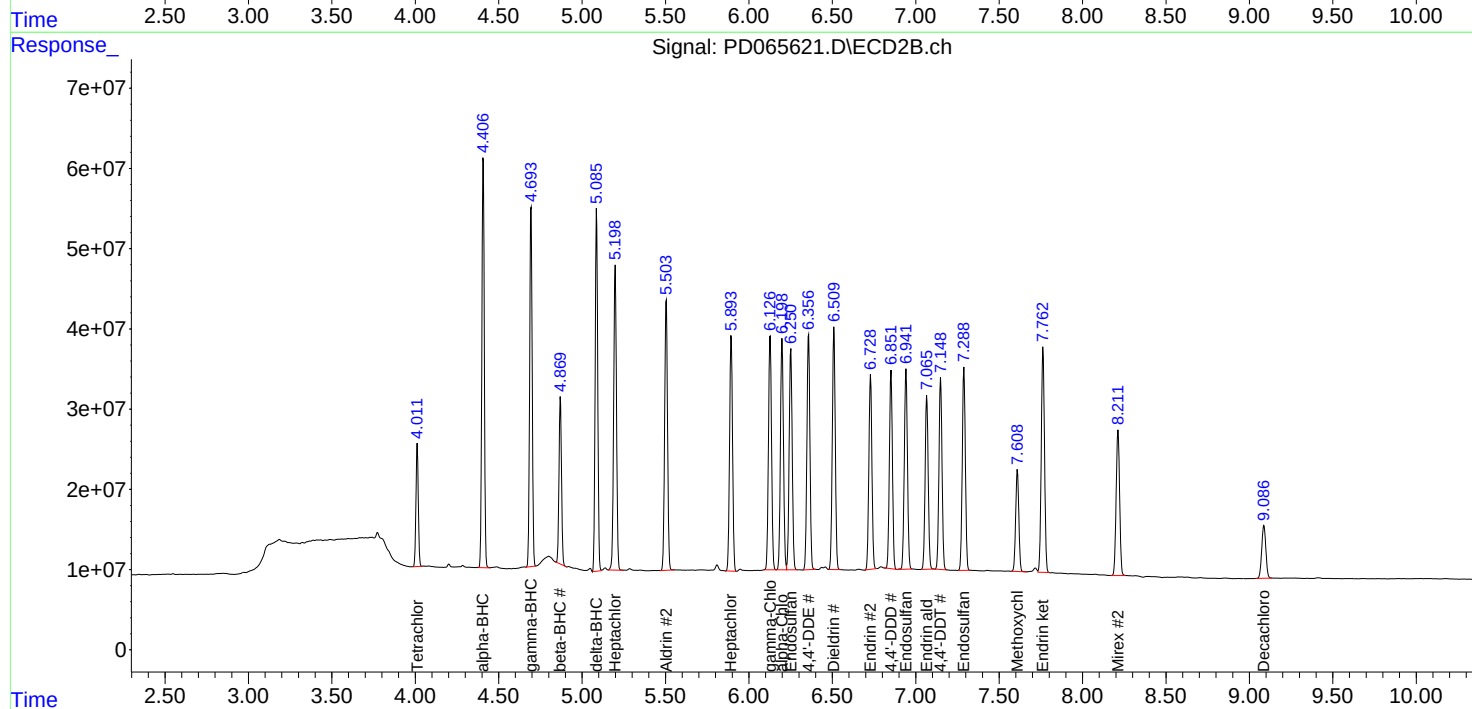
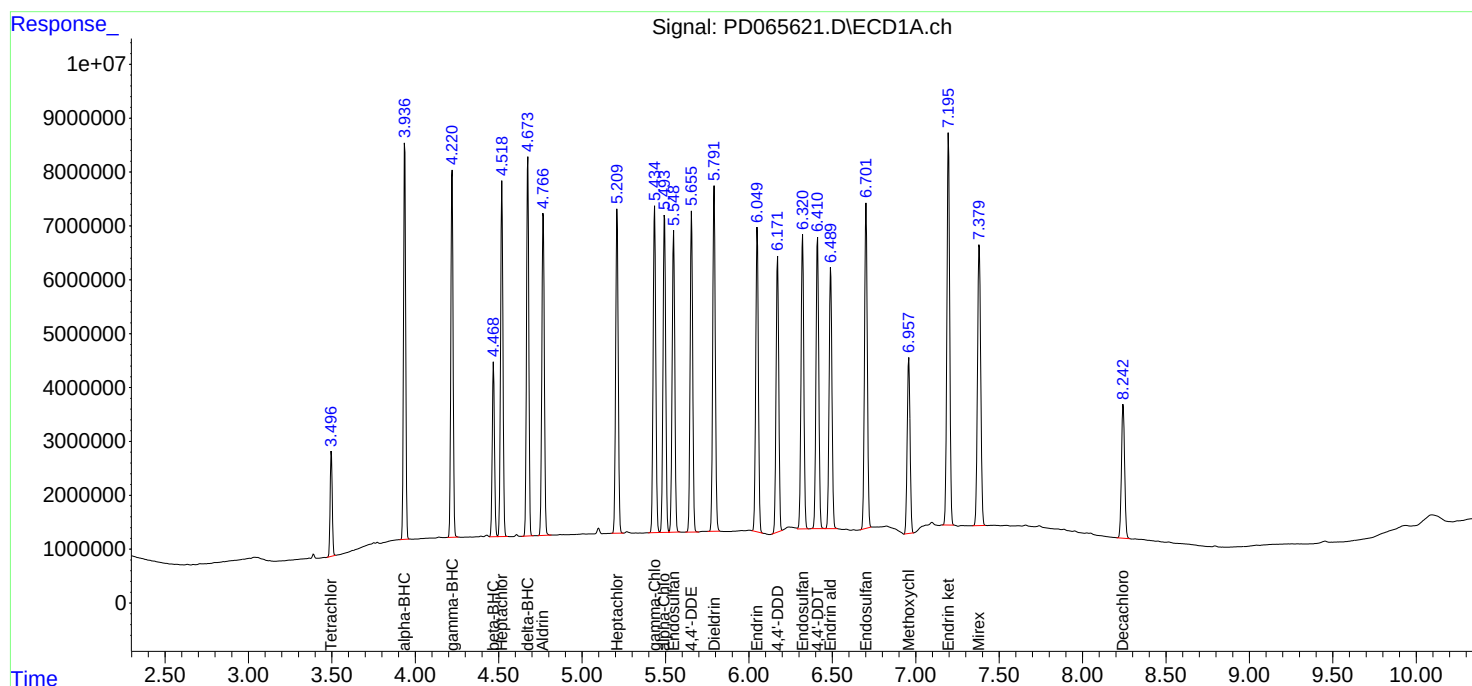
Instrument :
ECD_D
ClientSampleId :
PB138937BSD

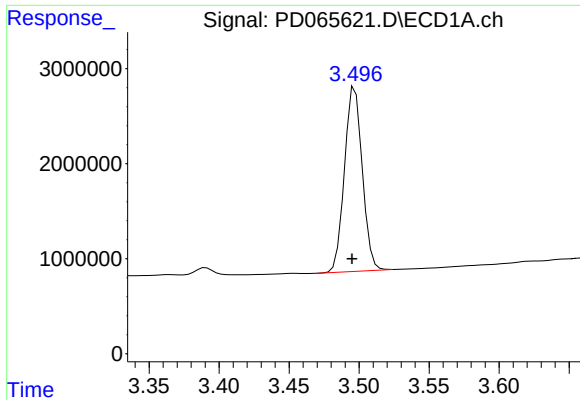
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 07:09:32 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090421.M
Quant Title : GC Extractables
QLast Update : Sat Sep 04 01:23:47 2021
Response 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





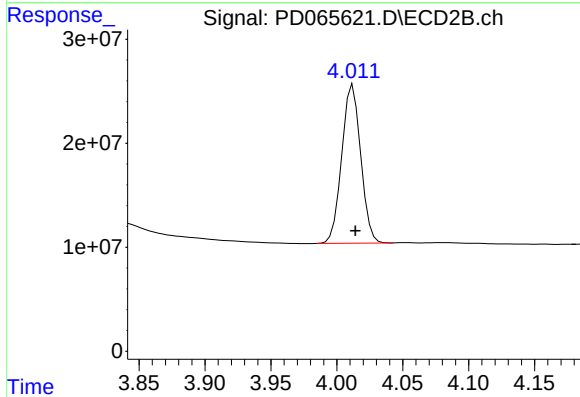
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: 0.002 min
Response: 17258655
Conc: 17.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138937BSD

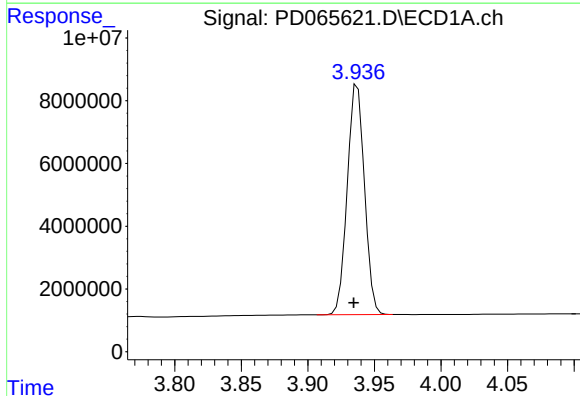
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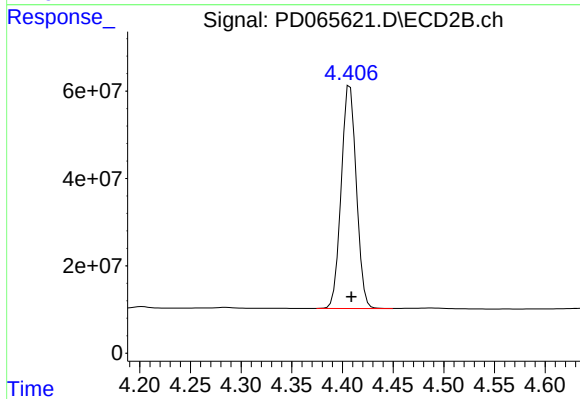
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: -0.002 min
Response: 152163566
Conc: 20.76 ng/ml



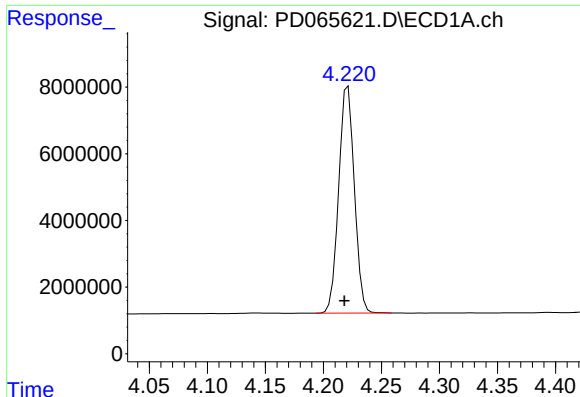
#2 alpha-BHC

R.T.: 3.937 min
Delta R.T.: 0.003 min
Response: 66041229
Conc: 45.84 ng/ml



#2 alpha-BHC

R.T.: 4.408 min
Delta R.T.: -0.001 min
Response: 529228141
Conc: 50.03 ng/ml



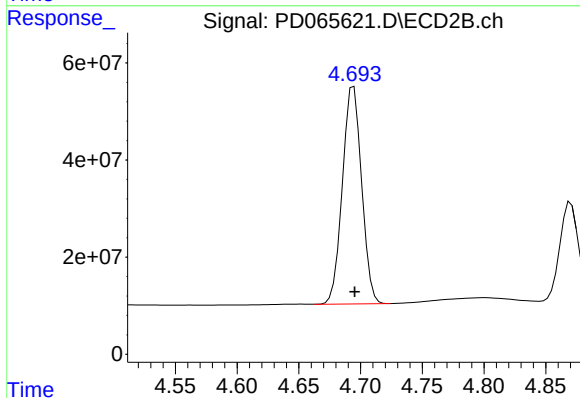
#3 gamma-BHC (Lindane)

R.T.: 4.221 min
Delta R.T.: 0.003 min
Response: 64042648
Conc: 44.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138937BSD

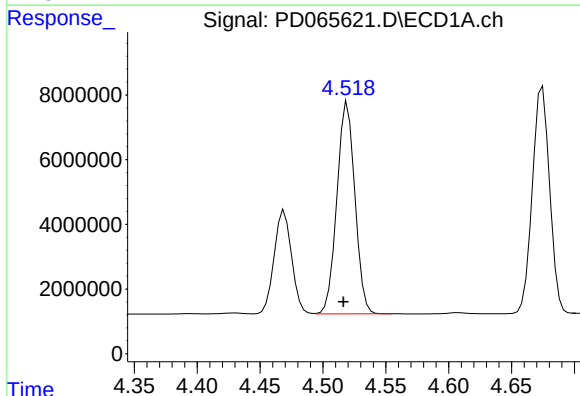
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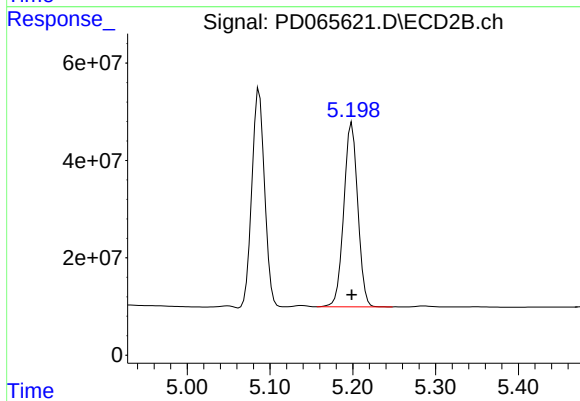
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 484665542
Conc: 49.18 ng/ml



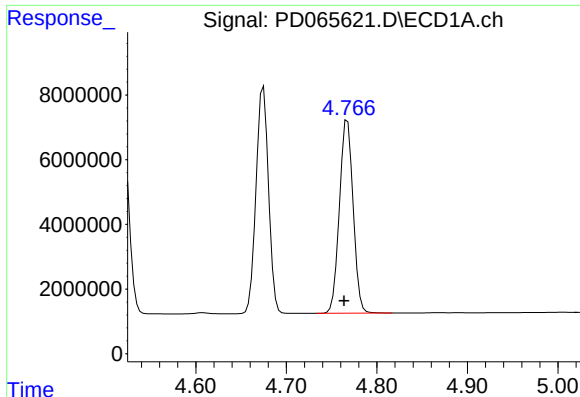
#4 Heptachlor

R.T.: 4.520 min
Delta R.T.: 0.003 min
Response: 65240439
Conc: 42.99 ng/ml



#4 Heptachlor

R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 443578066
Conc: 48.79 ng/ml



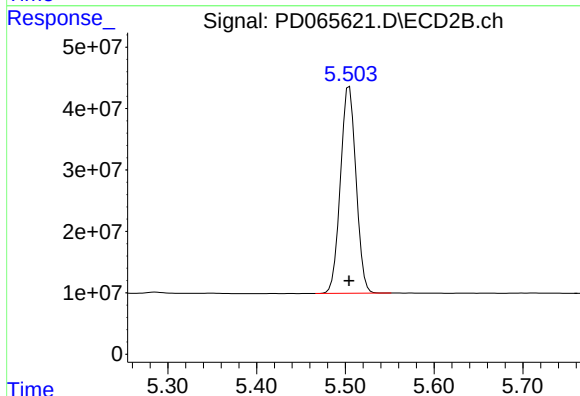
#5 Aldrin

R.T.: 4.768 min
Delta R.T.: 0.004 min
Response: 62780146
Conc: 43.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138937BSD

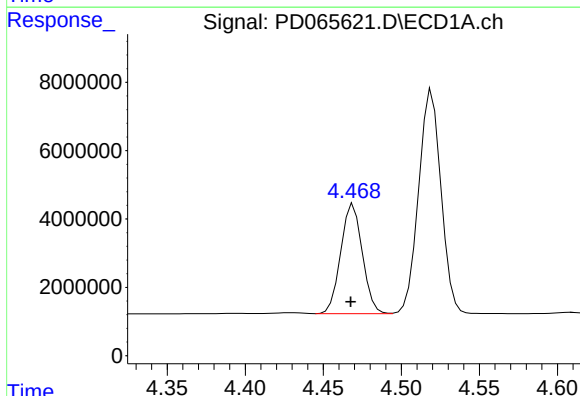
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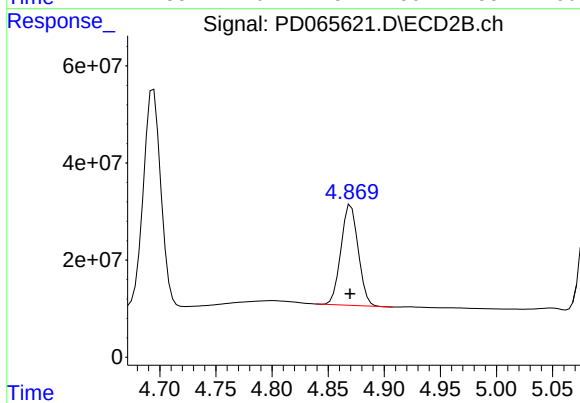
#5 Aldrin

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 411245923
Conc: 48.74 ng/ml



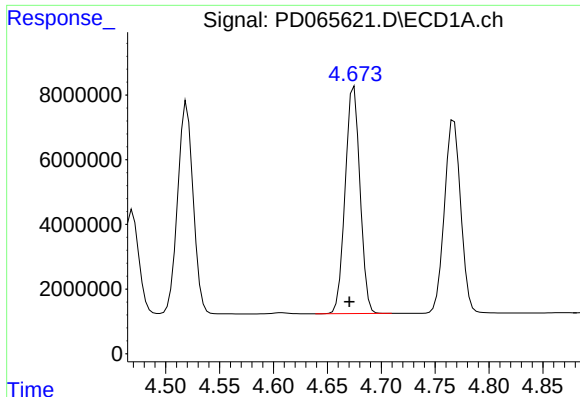
#6 beta-BHC

R.T.: 4.469 min
Delta R.T.: 0.002 min
Response: 30970060
Conc: 42.08 ng/ml



#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 220855286
Conc: 47.44 ng/ml



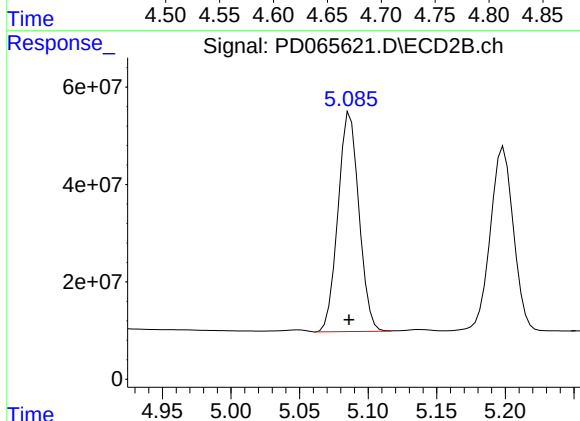
#7 delta-BHC

R.T.: 4.675 min
Delta R.T.: 0.004 min
Response: 67378597
Conc: 45.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138937BSD

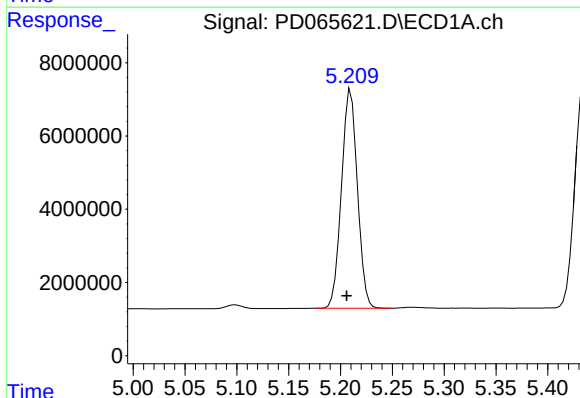
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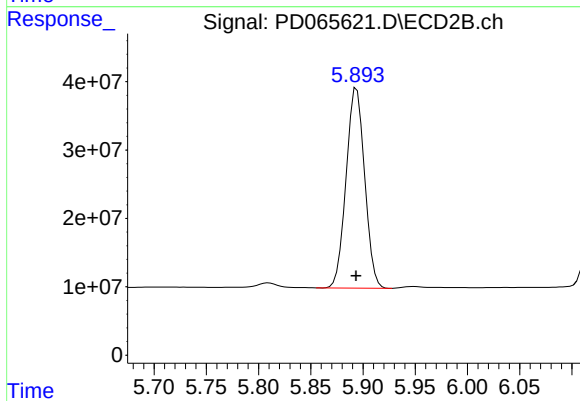
#7 delta-BHC

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 478721569
Conc: 51.49 ng/ml m



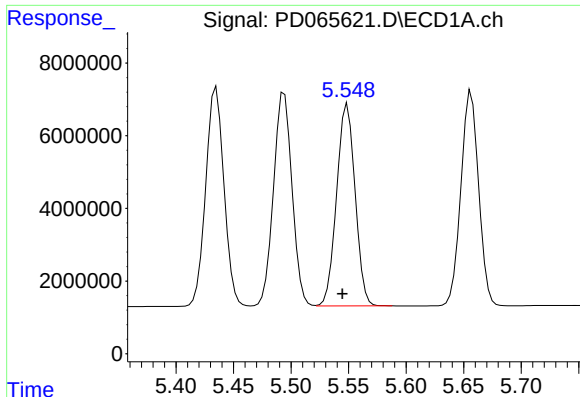
#8 Heptachlor epoxide

R.T.: 5.210 min
Delta R.T.: 0.004 min
Response: 63945333
Conc: 43.84 ng/ml



#8 Heptachlor epoxide

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 361095839
Conc: 50.14 ng/ml



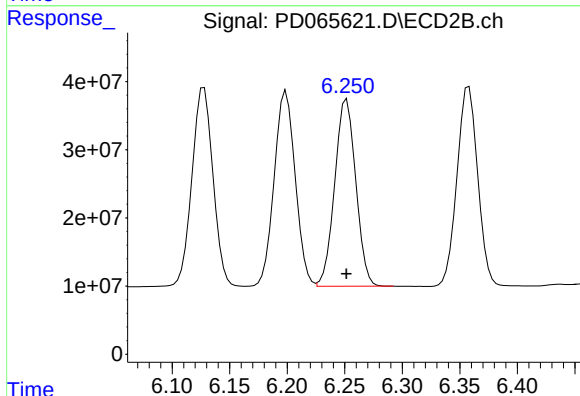
#9 Endosulfan I

R.T.: 5.549 min
Delta R.T.: 0.004 min
Response: 62260690
Conc: 43.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138937BSD

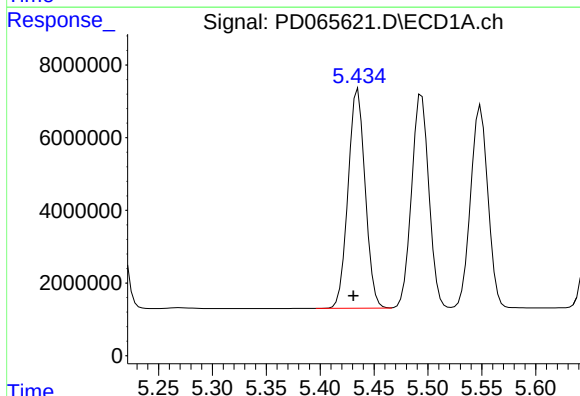
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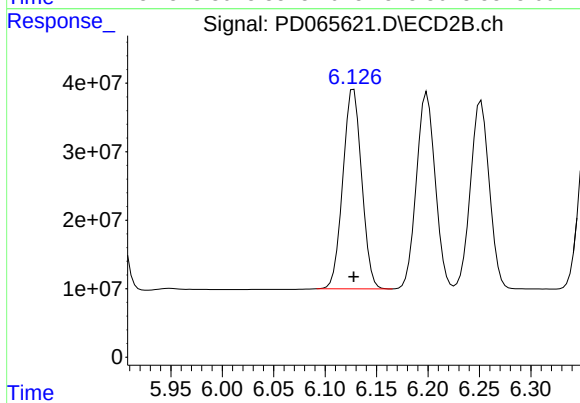
#9 Endosulfan I

R.T.: 6.252 min
Delta R.T.: 0.000 min
Response: 350265222
Conc: 49.73 ng/ml



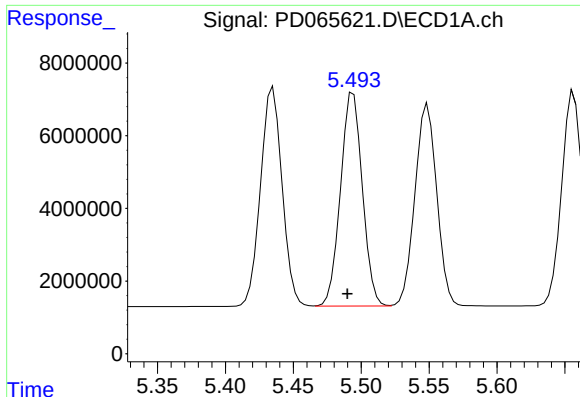
#10 gamma-Chlordane

R.T.: 5.435 min
Delta R.T.: 0.004 min
Response: 66667935
Conc: 43.65 ng/ml



#10 gamma-Chlordane

R.T.: 6.128 min
Delta R.T.: 0.000 min
Response: 371592905
Conc: 49.48 ng/ml



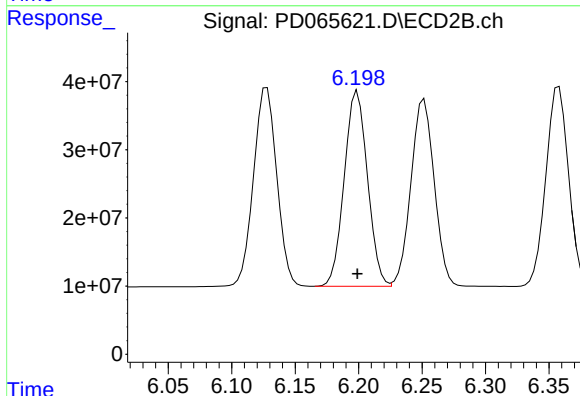
#11 alpha-Chlordane

R.T.: 5.494 min
Delta R.T.: 0.004 min
Response: 65812689
Conc: 43.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138937BSD

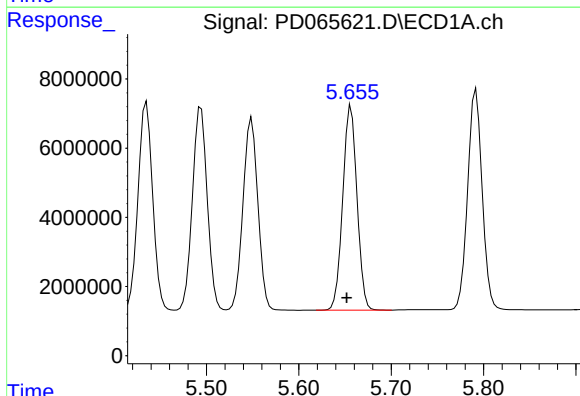
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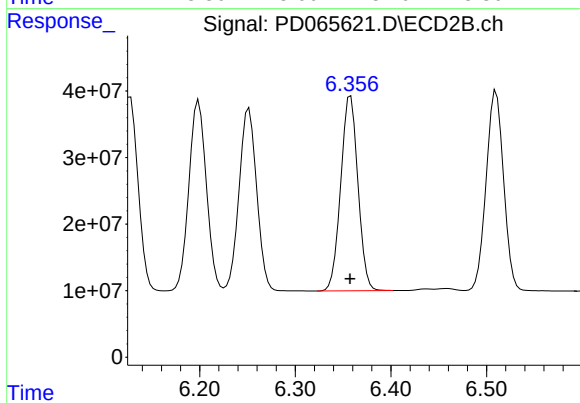
#11 alpha-Chlordane

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 364545747
Conc: 49.50 ng/ml



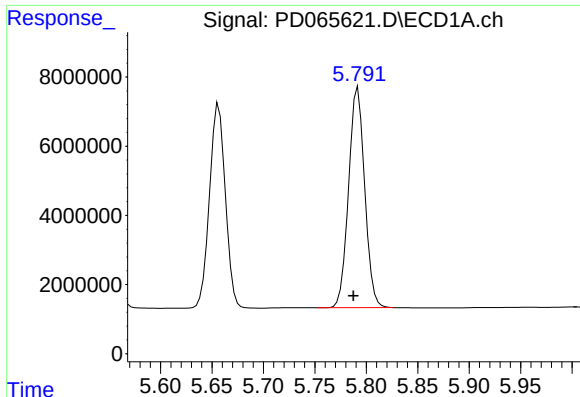
#12 4,4'-DDE

R.T.: 5.657 min
Delta R.T.: 0.005 min
Response: 63341036
Conc: 44.42 ng/ml



#12 4,4'-DDE

R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 366542532
Conc: 50.73 ng/ml



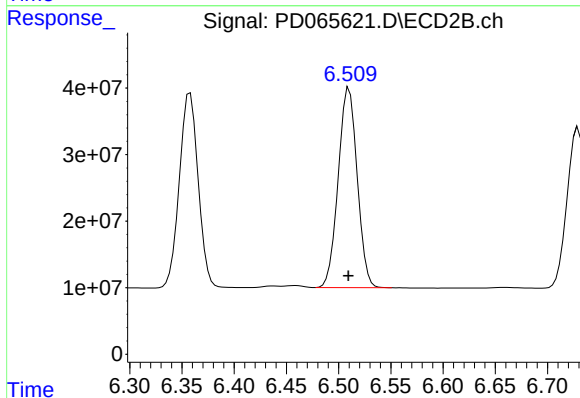
#13 Dieldrin

R.T.: 5.792 min
Delta R.T.: 0.004 min
Response: 69352326
Conc: 44.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138937BSD

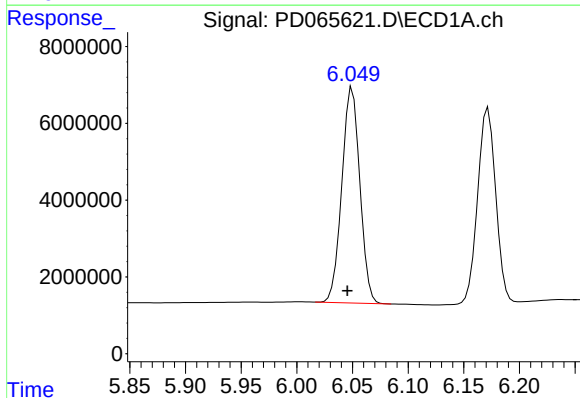
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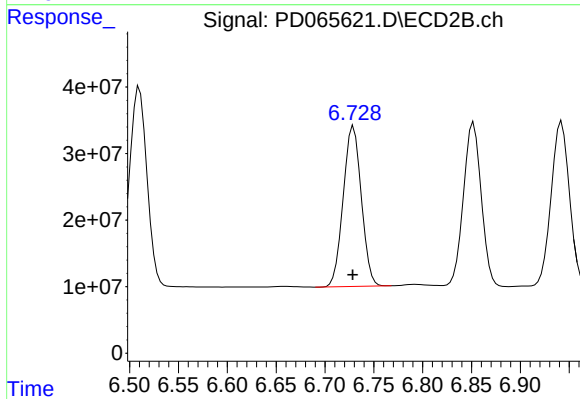
#13 Dieldrin

R.T.: 6.510 min
Delta R.T.: 0.000 min
Response: 379763831
Conc: 50.34 ng/ml



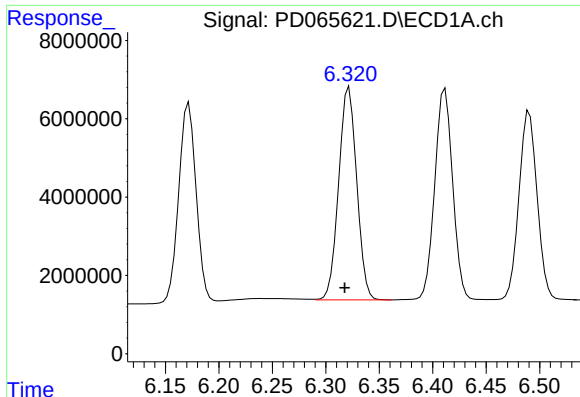
#14 Endrin

R.T.: 6.050 min
Delta R.T.: 0.005 min
Response: 63190649
Conc: 45.96 ng/ml



#14 Endrin

R.T.: 6.729 min
Delta R.T.: 0.000 min
Response: 311079341
Conc: 52.15 ng/ml



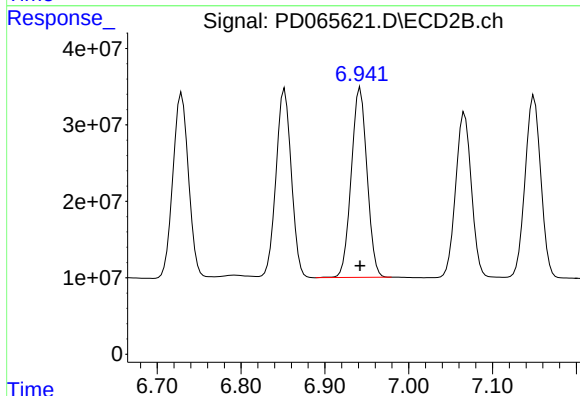
#15 Endosulfan II

R.T.: 6.322 min
Delta R.T.: 0.004 min
Response: 63902722
Conc: 44.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138937BSD

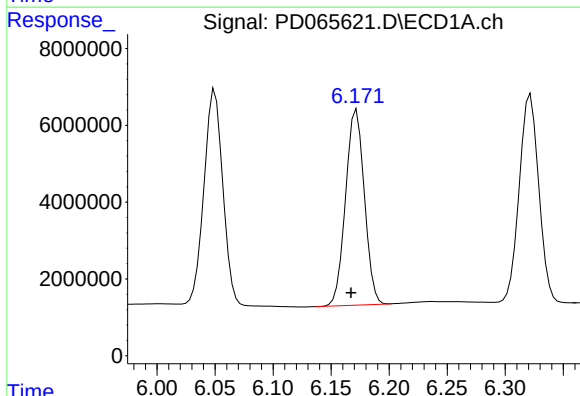
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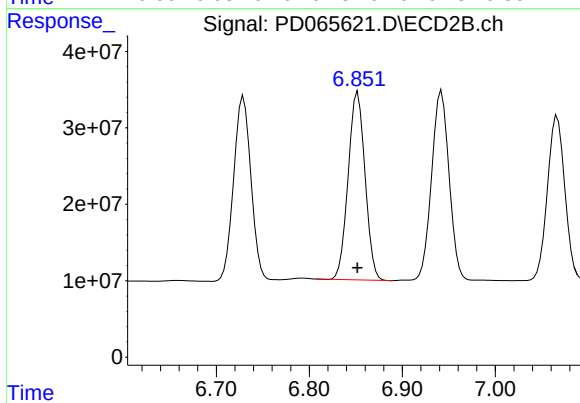
#15 Endosulfan II

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 325259559
Conc: 50.74 ng/ml



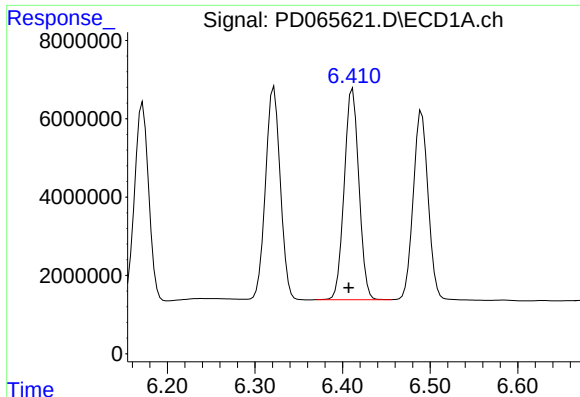
#16 4,4'-DDD

R.T.: 6.172 min
Delta R.T.: 0.005 min
Response: 57360660
Conc: 44.99 ng/ml



#16 4,4'-DDD

R.T.: 6.852 min
Delta R.T.: 0.000 min
Response: 310567243
Conc: 49.75 ng/ml



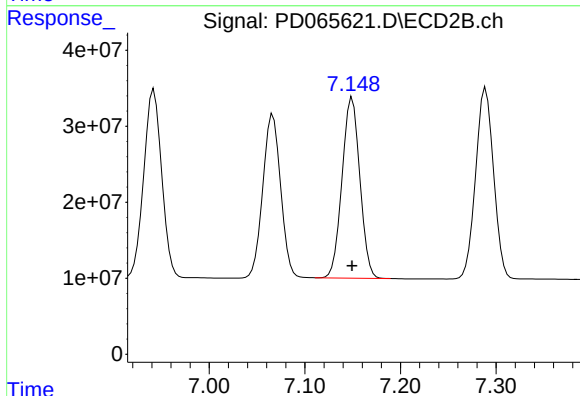
#17 4,4'-DDT

R.T.: 6.412 min
Delta R.T.: 0.004 min
Response: 62841879
Conc: 45.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138937BSD

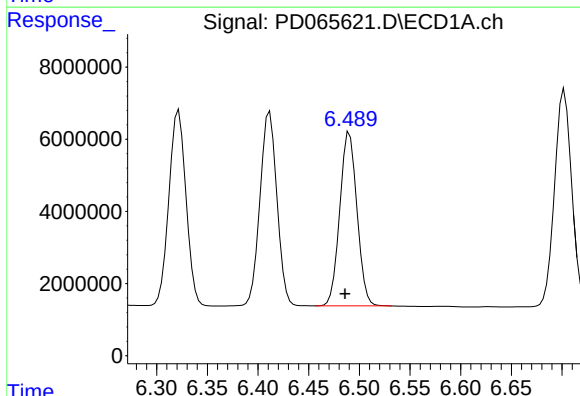
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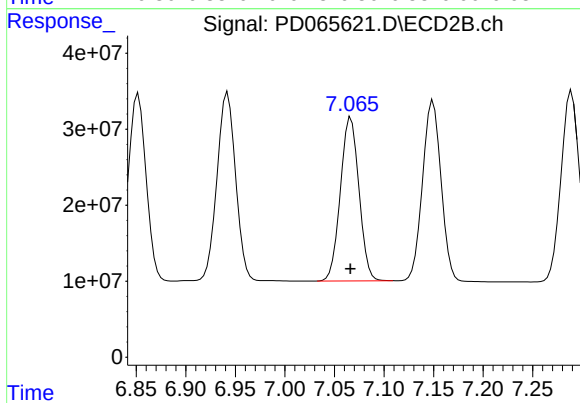
#17 4,4'-DDT

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 308937785
Conc: 50.72 ng/ml



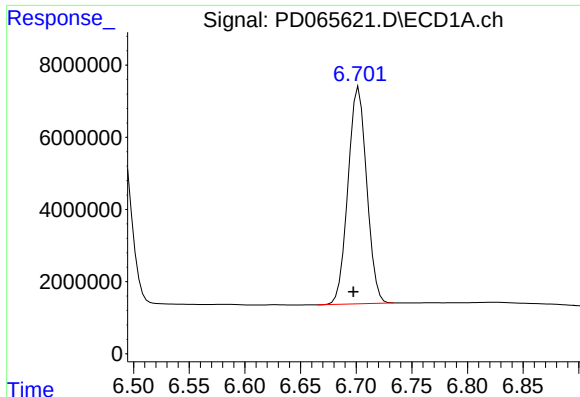
#18 Endrin aldehyde

R.T.: 6.490 min
Delta R.T.: 0.004 min
Response: 56869374
Conc: 45.09 ng/ml



#18 Endrin aldehyde

R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 280877316
Conc: 51.41 ng/ml



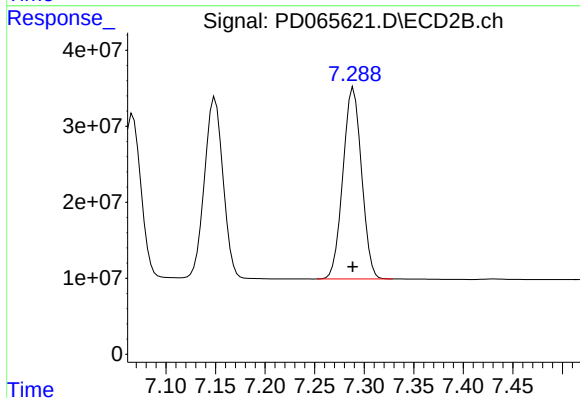
#19 Endosulfan Sulfate

R.T.: 6.702 min
Delta R.T.: 0.005 min
Response: 70323331
Conc: 45.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138937BSD

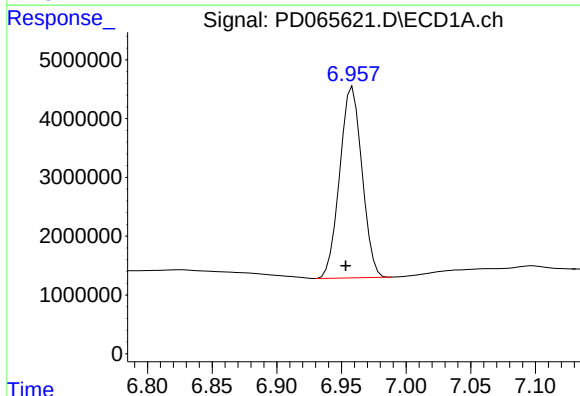
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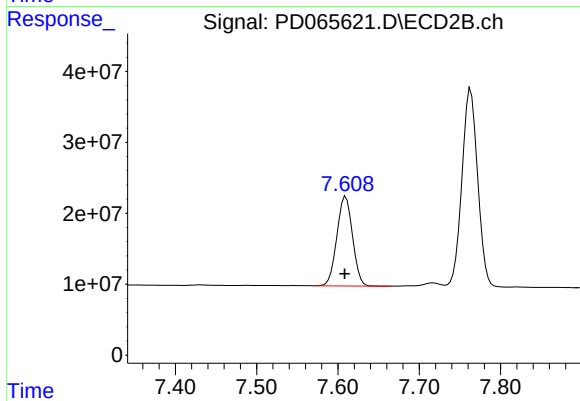
#19 Endosulfan Sulfate

R.T.: 7.289 min
Delta R.T.: 0.000 min
Response: 329406622
Conc: 51.53 ng/ml



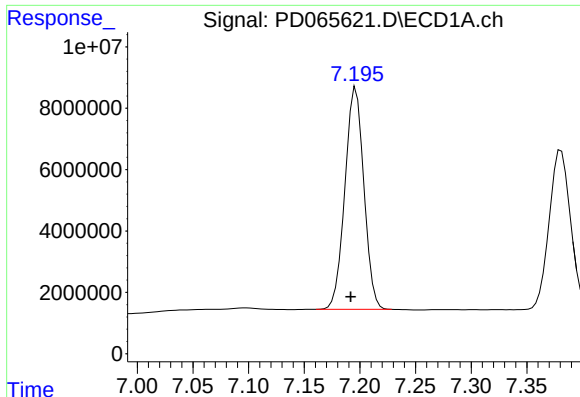
#20 Methoxychlor

R.T.: 6.959 min
Delta R.T.: 0.005 min
Response: 38838249
Conc: 46.32 ng/ml



#20 Methoxychlor

R.T.: 7.610 min
Delta R.T.: 0.001 min
Response: 168823458
Conc: 51.87 ng/ml



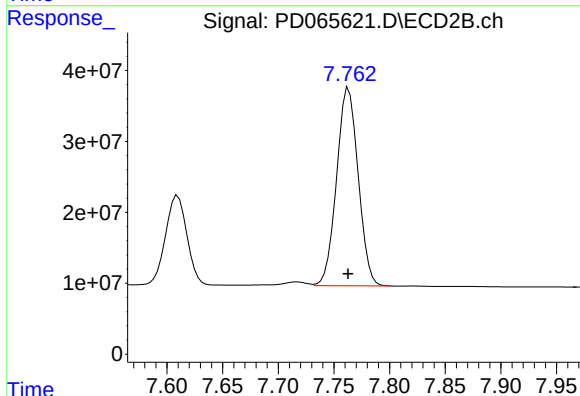
#21 Endrin ketone

R.T.: 7.197 min
Delta R.T.: 0.005 min
Response: 85740911
Conc: 46.11 ng/ml

Instrument :
ECD_D
ClientSampled :
PB138937BSD

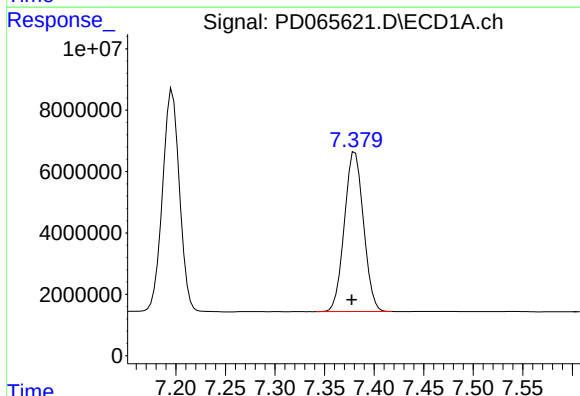
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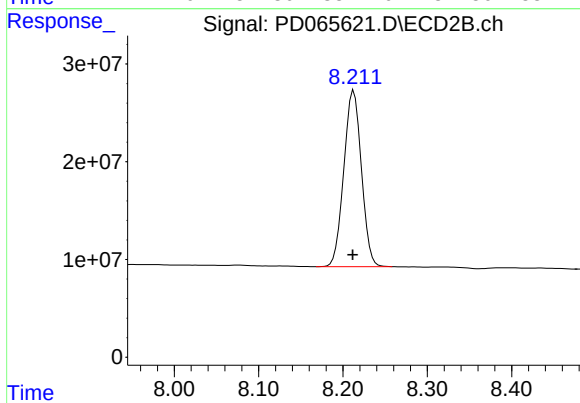
#21 Endrin ketone

R.T.: 7.763 min
Delta R.T.: 0.000 min
Response: 376417507
Conc: 49.76 ng/ml



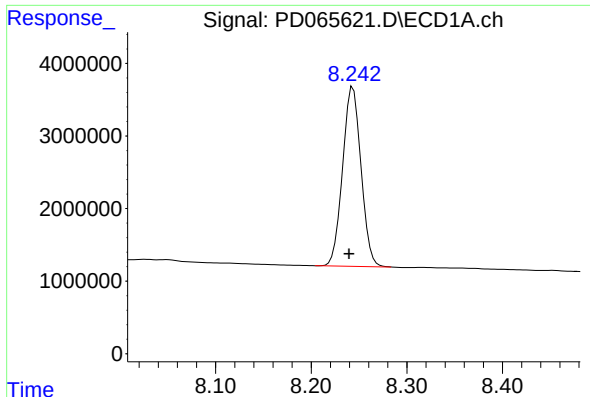
#22 Mirex

R.T.: 7.381 min
Delta R.T.: 0.004 min
Response: 69829709
Conc: 44.54 ng/ml



#22 Mirex

R.T.: 8.213 min
Delta R.T.: 0.001 min
Response: 261523087
Conc: 49.45 ng/ml



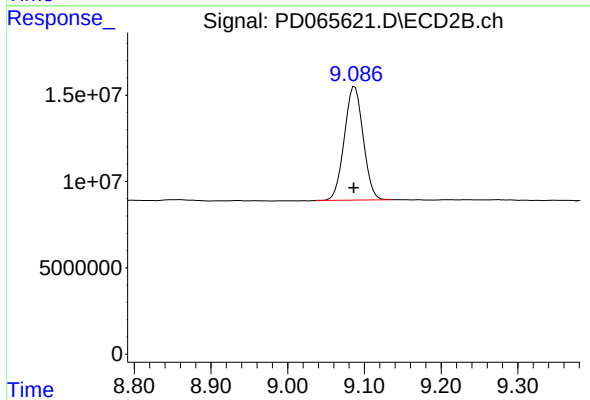
#28 Decachlorobiphenyl

R.T.: 8.244 min
Delta R.T.: 0.004 min
Response: 33172728
Conc: 19.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB138937BSD

Manual Integrations
APPROVED

mohammad
9/9/2021 9:21:51 AM



#28 Decachlorobiphenyl

R.T.: 9.087 min
Delta R.T.: 0.001 min
Response: 112584138
Conc: 21.10 ng/ml