

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060521\
 Data File : PD063473.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Jun 2021 14:41
 Operator : AR\AJ
 Sample : M2598-07MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 13MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 05 02:45:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060221.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 03 01:33:41 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...	3.440	3.971	29679153	302.0E6	21.448	22.541
28)	SA Decachlor...	8.196	9.027	31605945	262.4E6	20.097	18.992
Target Compounds							
2)	A alpha-BHC	3.876	4.359	119.7E6	1148.0E6	57.261	55.536
3)	MA gamma-BHC...	4.159	4.643	110.8E6	1040.9E6	56.428	54.880
4)	MA Heptachlor	4.460	5.151	107.7E6	1050.6E6	55.462	54.977
5)	MB Aldrin	4.708	5.455	104.1E6	1043.0E6	55.107	53.640
6)	B beta-BHC	4.410	4.814	45781506	435.7E6	52.625	55.339
7)	B delta-BHC	4.614	5.030	110.7E6	1056.6E6	56.457	56.686
8)	B Heptachlo...	5.151	5.841	96883107	928.9E6	55.287	50.813
9)	A Endosulfan I	5.490	6.197	86429606	910.2E6	52.437	53.418
10)	B gamma-Chl...	5.378	6.075	99865844	987.9E6	55.921	53.179
11)	B alpha-Chl...	5.436	6.148	95990927	980.0E6	54.285	55.122
12)	B 4,4'-DDE	5.600	6.304	97110751	891.8E6	55.851	49.075
13)	MA Dieldrin	5.733	6.454	100.6E6	947.2E6	57.260	52.324
14)	MA Endrin	5.990	6.672	87520411	782.2E6	55.029	50.889
15)	B Endosulfa...	6.264	6.880	78975230	763.2E6	56.328	51.757
16)	A 4,4'-DDD	6.116	6.794	77291318	790.9E6	53.296	53.157
17)	MA 4,4'-DDT	6.357	7.093	81707944	796.8E6	56.556	52.937
18)	B Endrin al...	6.432	7.005	63227587	602.4E6	53.140	49.721
19)	B Endosulfa...	6.646	7.228	77814837	753.8E6	60.887	49.707
20)	A Methoxychlor	6.904	7.552	42226254	364.4E6	52.944	49.200
21)	B Endrin ke...	7.138	7.699	91260230	719.4E6	51.441	49.202
22)	Mirex	7.326	8.153	63238793	481.1E6	55.089	48.113
23)	Chlordane-1	4.309	4.962	1185064	2779021	24.412	4.804 #
24)	Chlordane-2	0.000	5.455f	0	1043.0E6	N.D.	1864.214 #
25)	Chlordane-3	5.378	6.075	99865844	987.9E6	587.140	399.860 #
26)	Chlordane-4	5.436	6.148	95990927	980.0E6	688.691	342.857 #
27)	Chlordane-5	6.264	6.947	78975230	3223934	1426.652	6.170 #

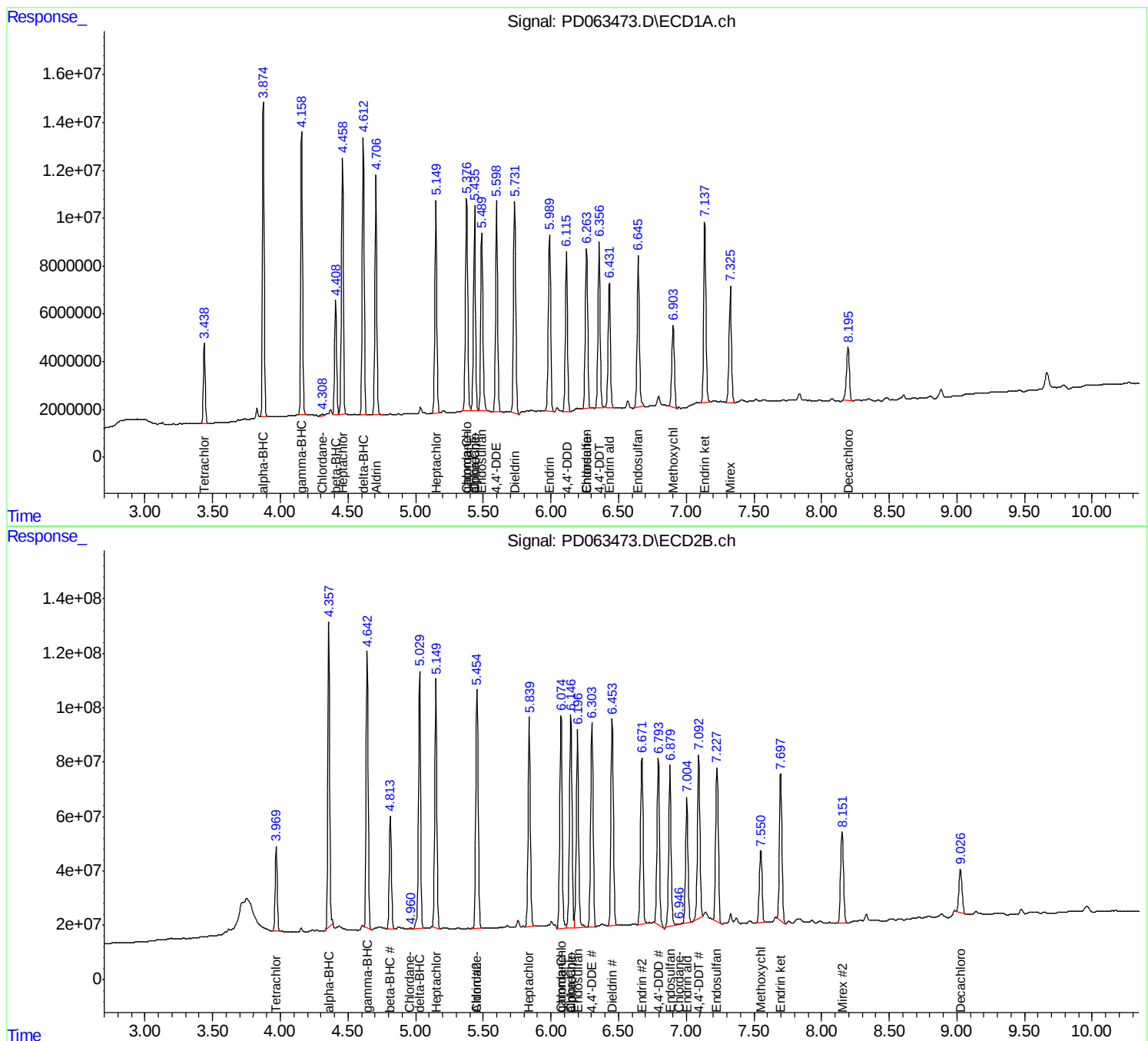
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

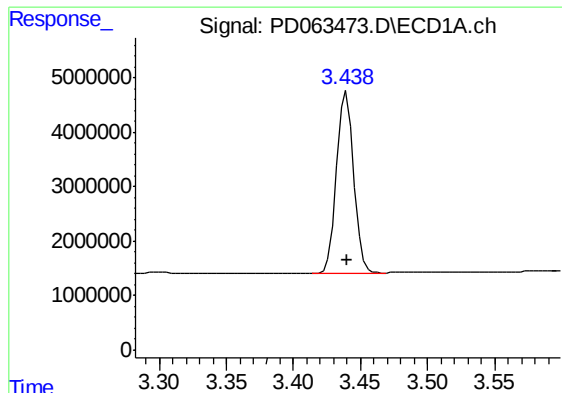
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060521\
Data File : PD063473.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Jun 2021 14:41
Operator : AR\AJ
Sample : M2598-07MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
13MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 05 02:45:15 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060221.M
Quant Title : GC Extractables
QLast Update : Thu Jun 03 01:33:41 2021
Response via : Initial Calibration
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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

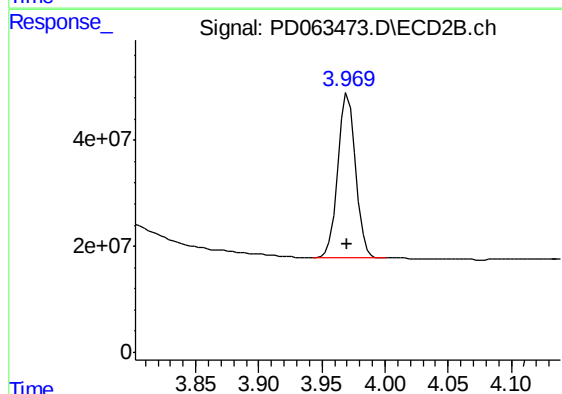




#1 Tetrachloro-m-xylene

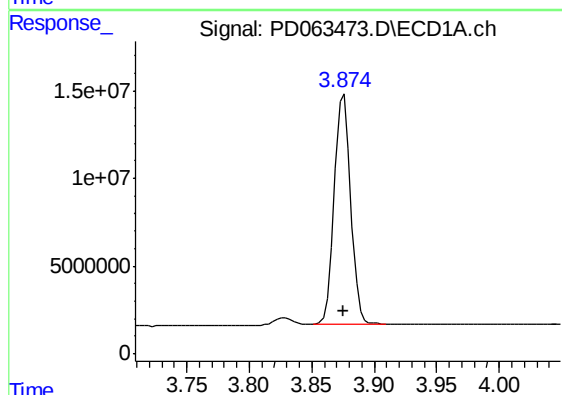
R.T.: 3.440 min
Delta R.T.: 0.000 min
Response: 29679153
Conc: 21.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MS



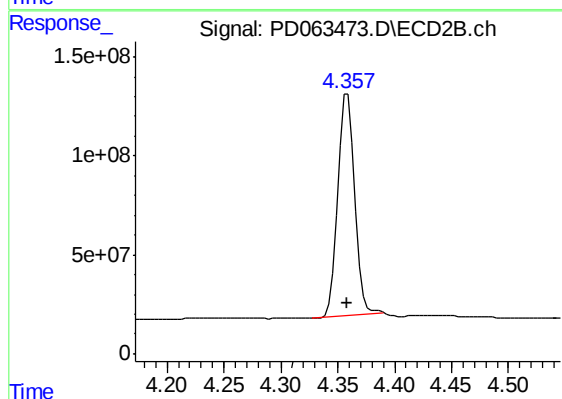
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 302015952
Conc: 22.54 ng/ml



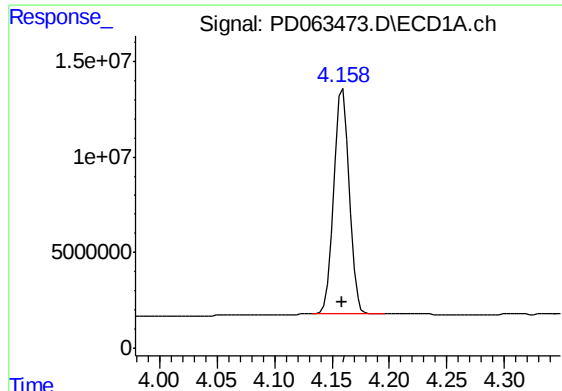
#2 alpha-BHC

R.T.: 3.876 min
Delta R.T.: 0.000 min
Response: 119725943
Conc: 57.26 ng/ml



#2 alpha-BHC

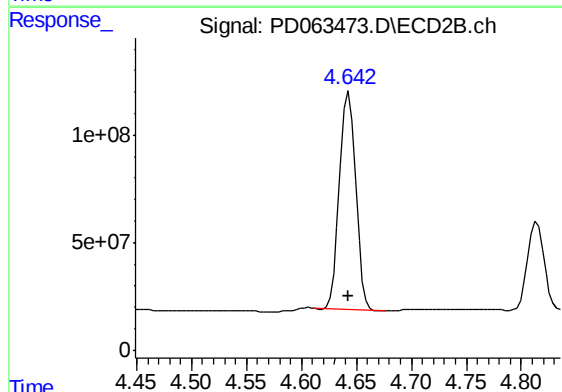
R.T.: 4.359 min
Delta R.T.: 0.000 min
Response: 1147961353
Conc: 55.54 ng/ml



#3 gamma-BHC (Lindane)

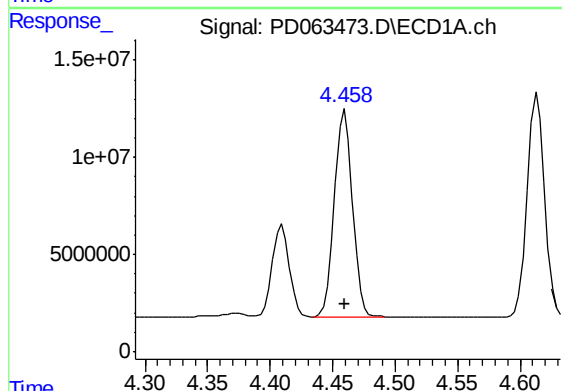
R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 110821976
Conc: 56.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MS



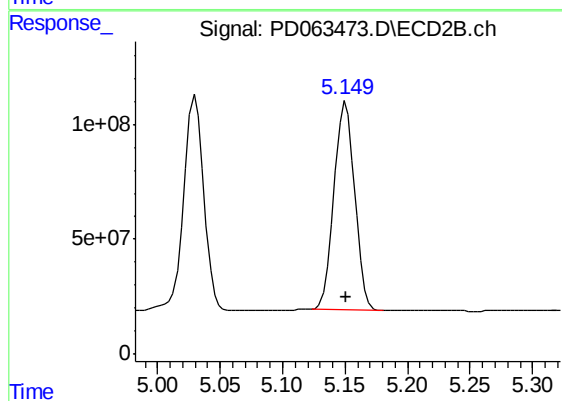
#3 gamma-BHC (Lindane)

R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 1040881825
Conc: 54.88 ng/ml



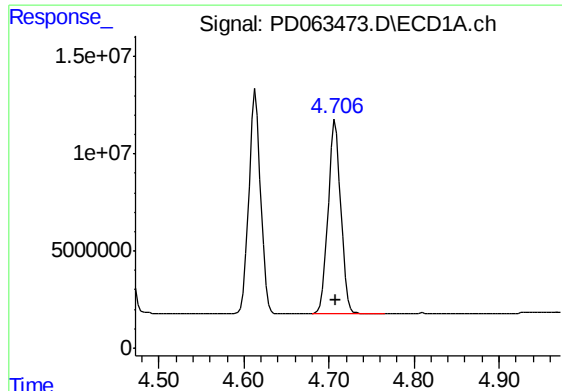
#4 Heptachlor

R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 107685393
Conc: 55.46 ng/ml



#4 Heptachlor

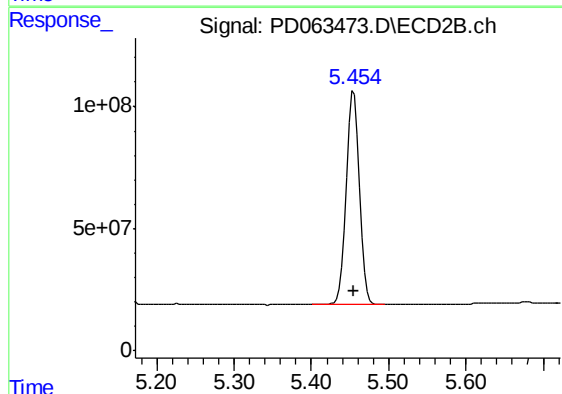
R.T.: 5.151 min
Delta R.T.: 0.000 min
Response: 1050642473
Conc: 54.98 ng/ml



#5 Aldrin

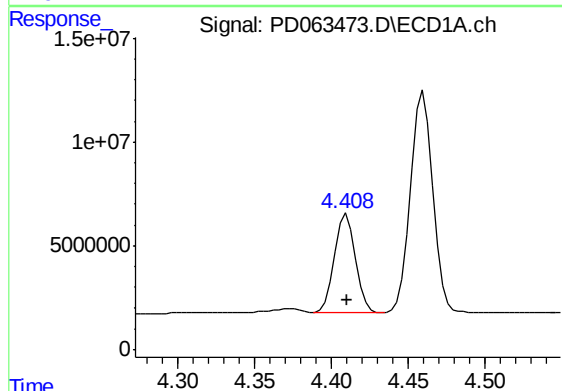
R.T.: 4.708 min
Delta R.T.: 0.000 min
Response: 104145372
Conc: 55.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MS



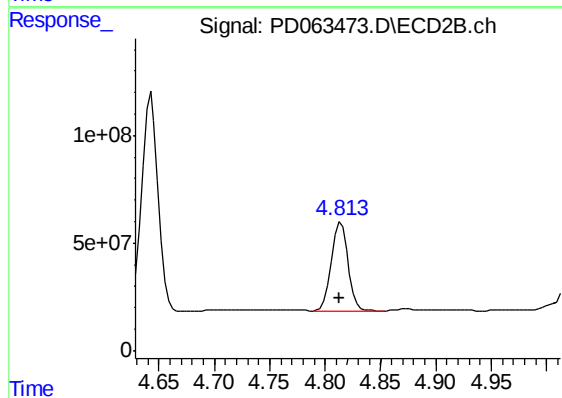
#5 Aldrin

R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 1042968809
Conc: 53.64 ng/ml



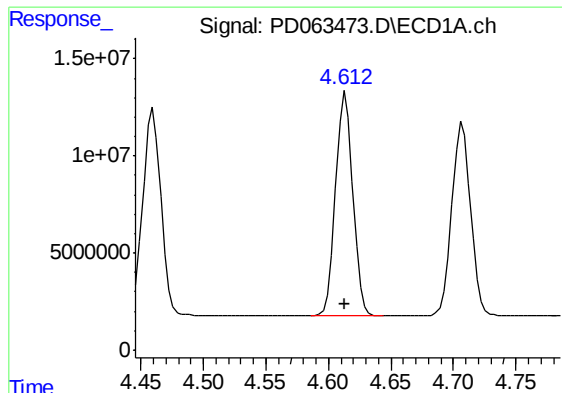
#6 beta-BHC

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 45781506
Conc: 52.63 ng/ml



#6 beta-BHC

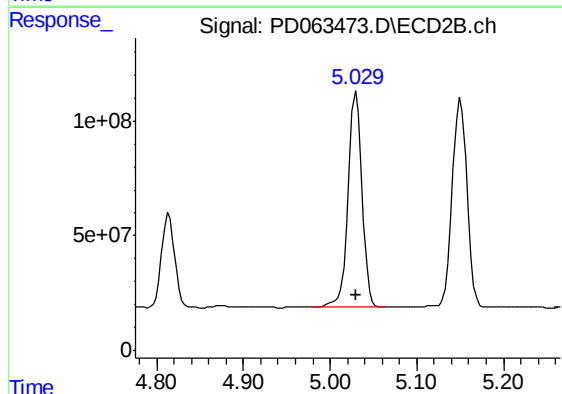
R.T.: 4.814 min
Delta R.T.: 0.000 min
Response: 435703013
Conc: 55.34 ng/ml



#7 delta-BHC

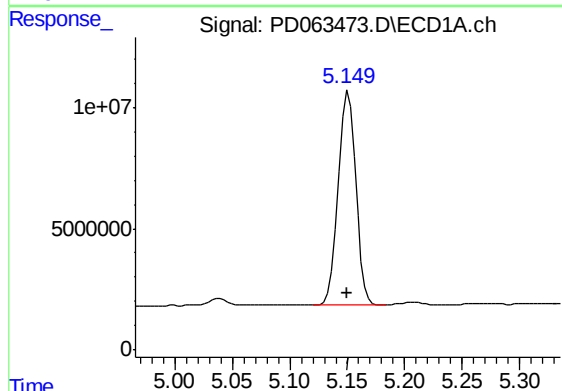
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 110725484
Conc: 56.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MS



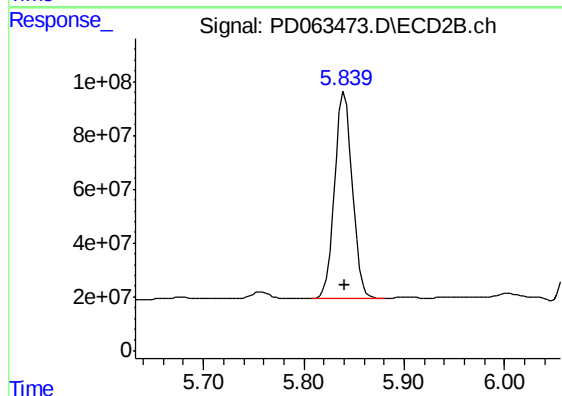
#7 delta-BHC

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 1056614033
Conc: 56.69 ng/ml



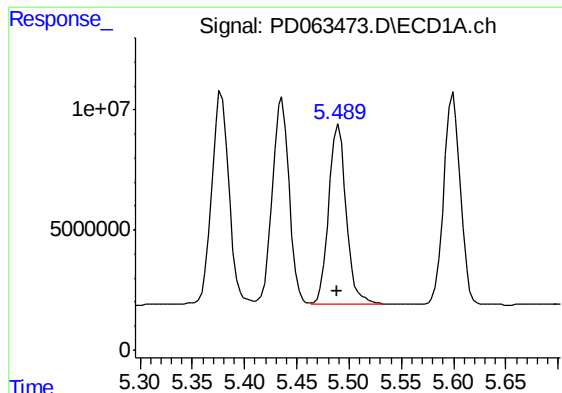
#8 Heptachlor epoxide

R.T.: 5.151 min
Delta R.T.: 0.000 min
Response: 96883107
Conc: 55.29 ng/ml



#8 Heptachlor epoxide

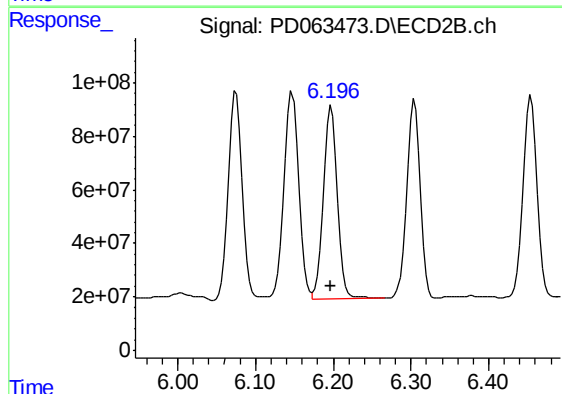
R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 928880561
Conc: 50.81 ng/ml



#9 Endosulfan I

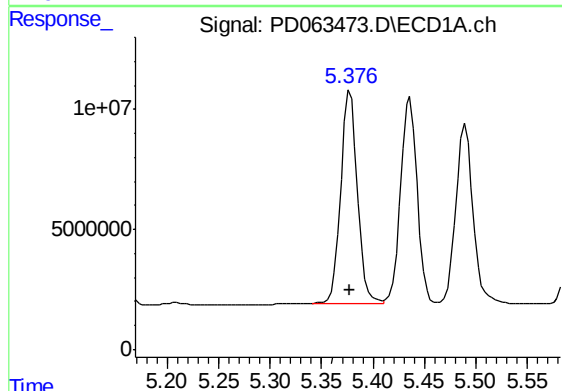
R.T.: 5.490 min
Delta R.T.: 0.001 min
Response: 86429606
Conc: 52.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MS



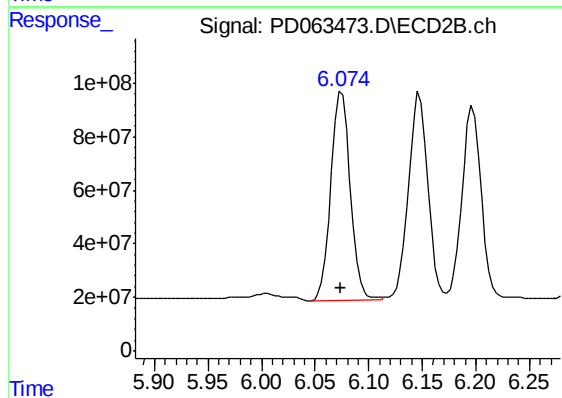
#9 Endosulfan I

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 910152641
Conc: 53.42 ng/ml



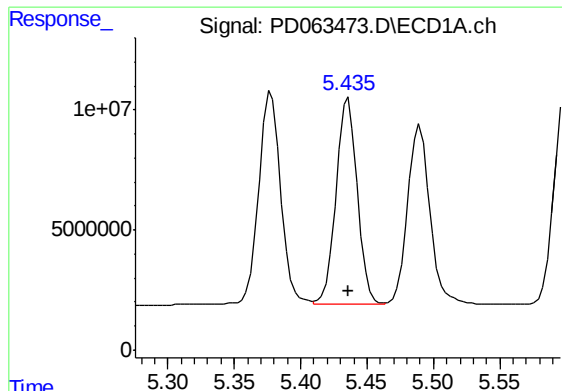
#10 gamma-Chlordane

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 99865844
Conc: 55.92 ng/ml



#10 gamma-Chlordane

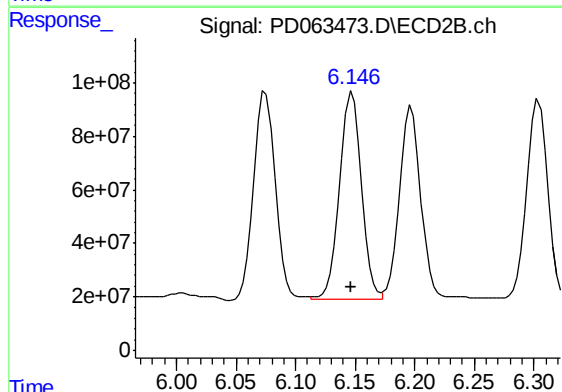
R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 987897242
Conc: 53.18 ng/ml



#11 alpha-Chlordane

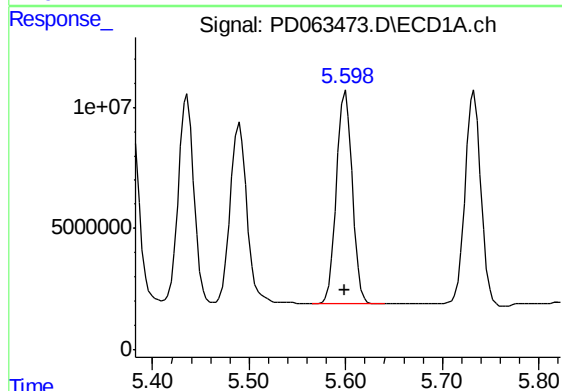
R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 95990927
Conc: 54.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MS



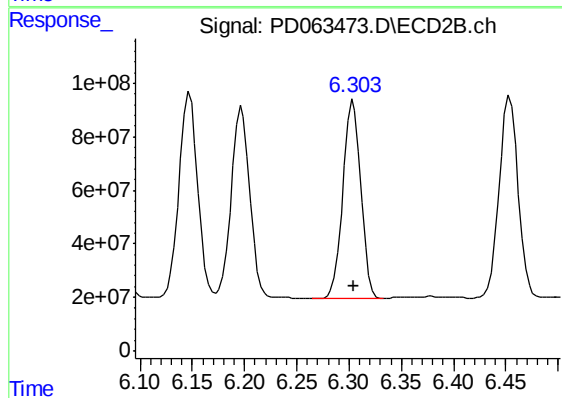
#11 alpha-Chlordane

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 979988562
Conc: 55.12 ng/ml



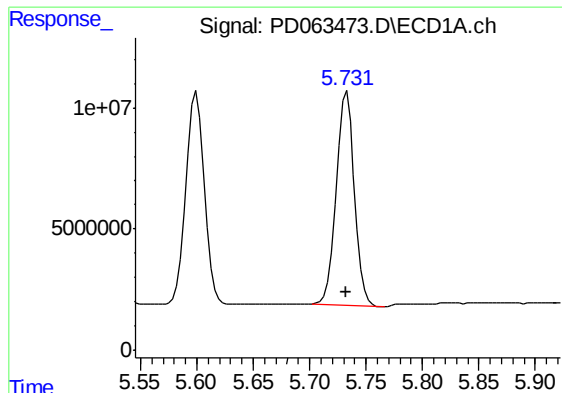
#12 4,4'-DDE

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 97110751
Conc: 55.85 ng/ml



#12 4,4'-DDE

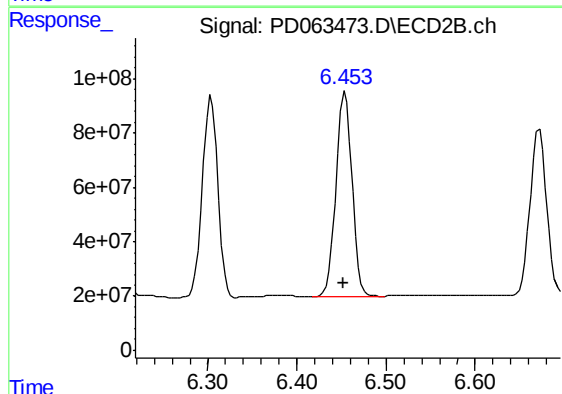
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 891839194
Conc: 49.08 ng/ml



#13 Dieldrin

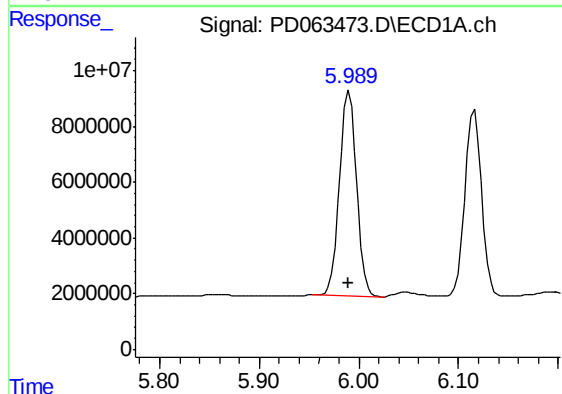
R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 100572802
Conc: 57.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MS



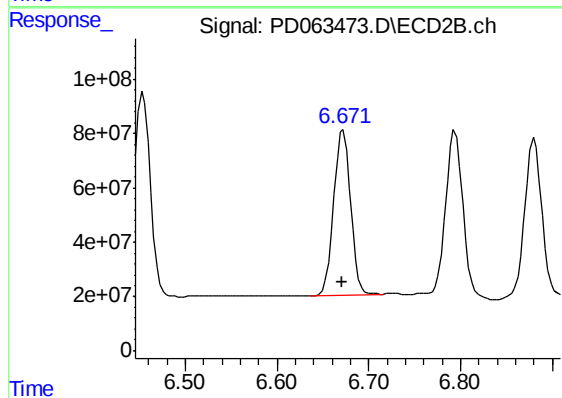
#13 Dieldrin

R.T.: 6.454 min
Delta R.T.: 0.001 min
Response: 947173997
Conc: 52.32 ng/ml



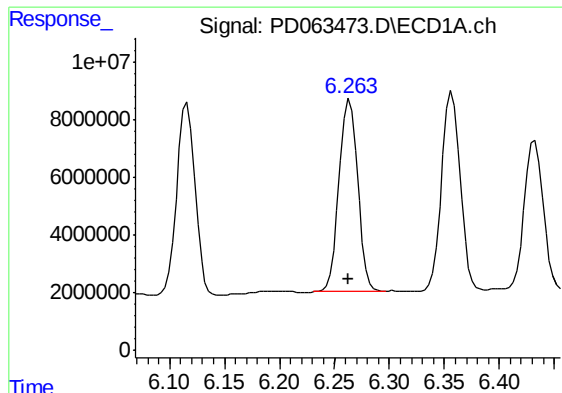
#14 Endrin

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 87520411
Conc: 55.03 ng/ml



#14 Endrin

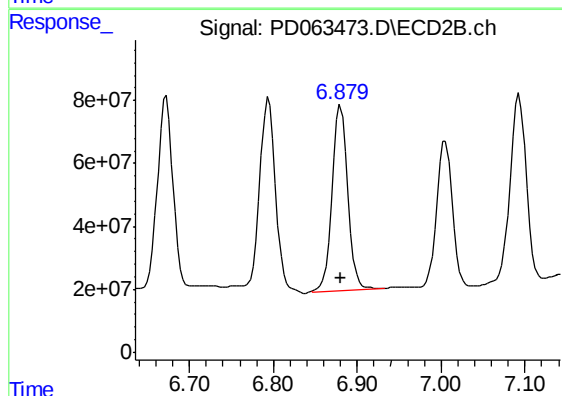
R.T.: 6.672 min
Delta R.T.: 0.002 min
Response: 782191467
Conc: 50.89 ng/ml



#15 Endosulfan II

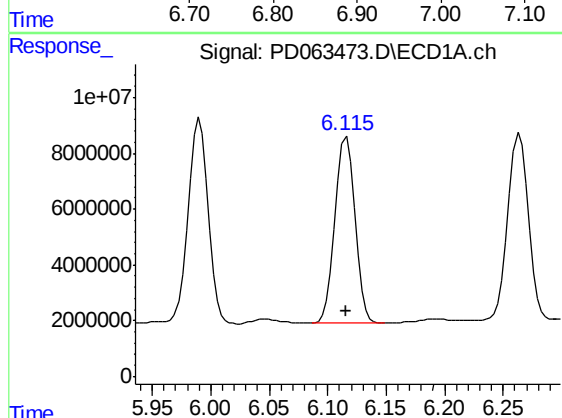
R.T.: 6.264 min
Delta R.T.: 0.001 min
Response: 78975230
Conc: 56.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MS



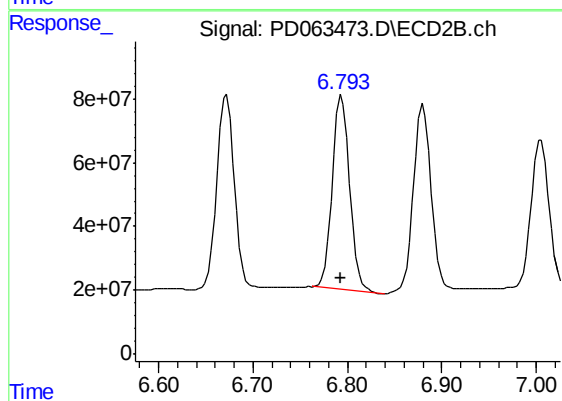
#15 Endosulfan II

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 763221956
Conc: 51.76 ng/ml



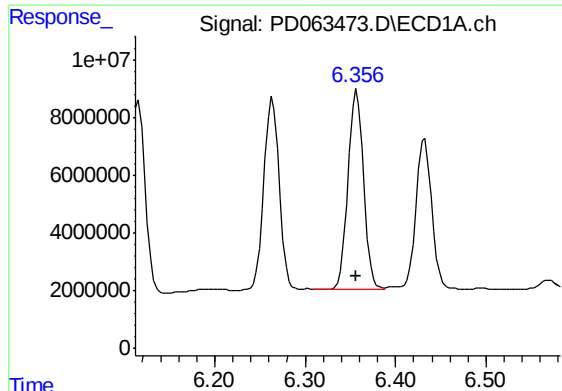
#16 4,4'-DDD

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 77291318
Conc: 53.30 ng/ml



#16 4,4'-DDD

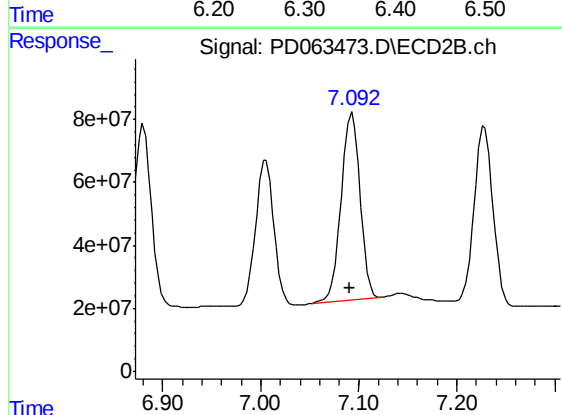
R.T.: 6.794 min
Delta R.T.: 0.000 min
Response: 790915970
Conc: 53.16 ng/ml



#17 4,4'-DDT

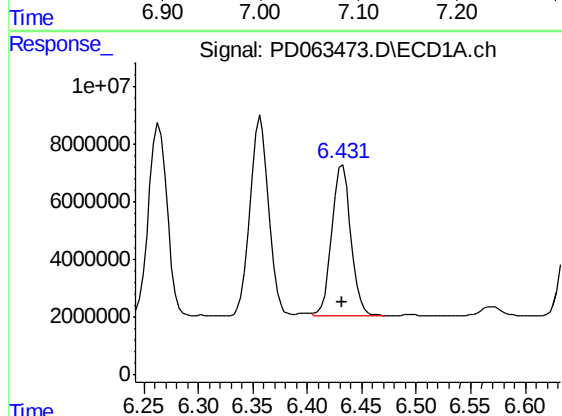
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 81707944
Conc: 56.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MS



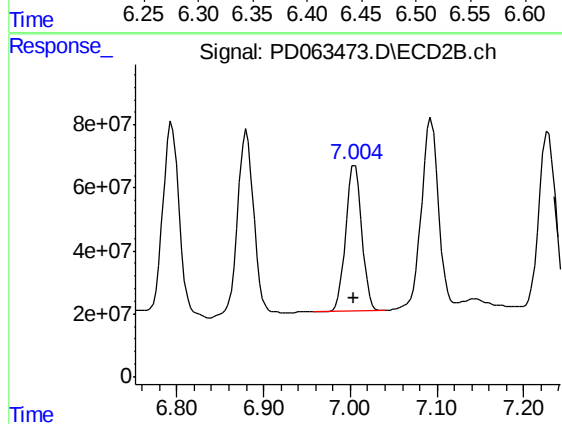
#17 4,4'-DDT

R.T.: 7.093 min
Delta R.T.: 0.002 min
Response: 796808916
Conc: 52.94 ng/ml



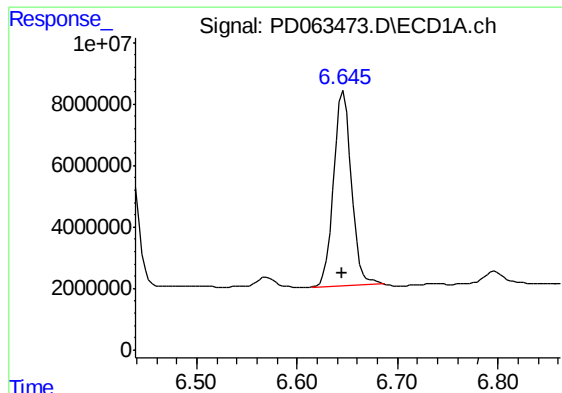
#18 Endrin aldehyde

R.T.: 6.432 min
Delta R.T.: 0.000 min
Response: 63227587
Conc: 53.14 ng/ml



#18 Endrin aldehyde

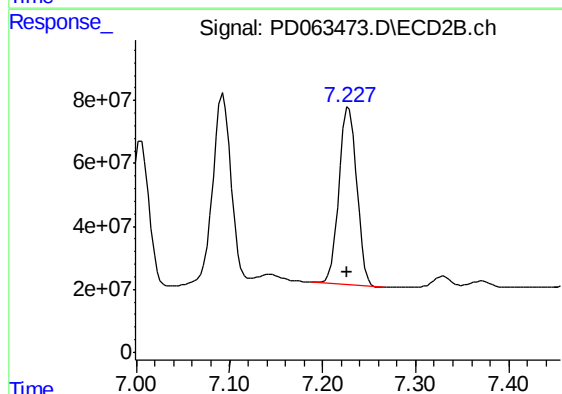
R.T.: 7.005 min
Delta R.T.: 0.001 min
Response: 602420757
Conc: 49.72 ng/ml



#19 Endosulfan Sulfate

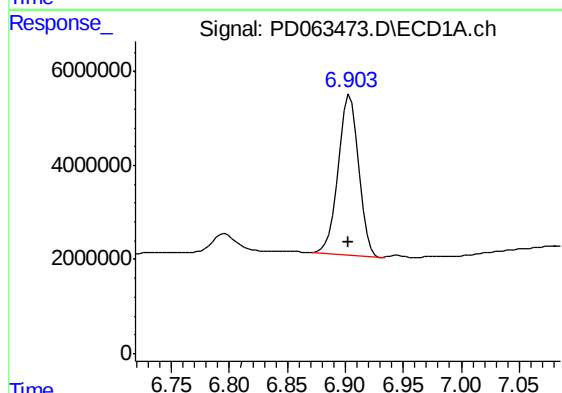
R.T.: 6.646 min
Delta R.T.: 0.001 min
Response: 77814837
Conc: 60.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MS



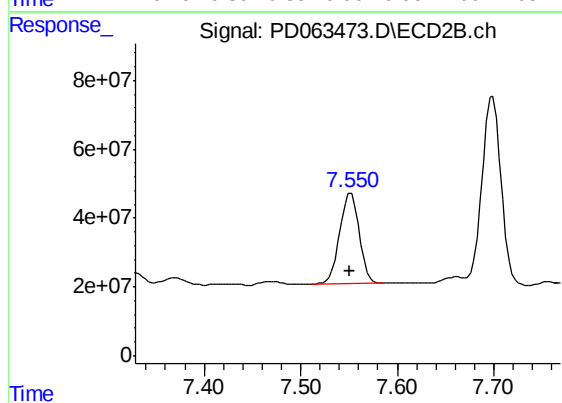
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: 0.001 min
Response: 753780356
Conc: 49.71 ng/ml



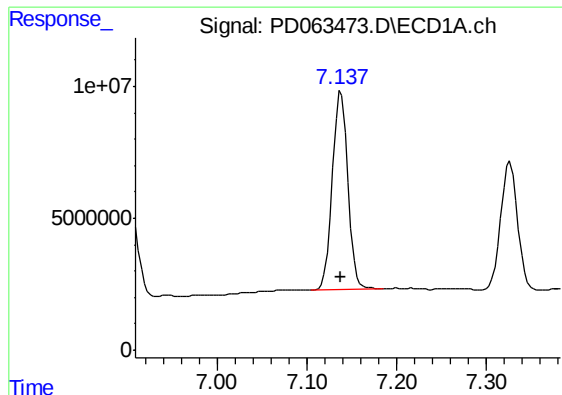
#20 Methoxychlor

R.T.: 6.904 min
Delta R.T.: 0.001 min
Response: 42226254
Conc: 52.94 ng/ml



#20 Methoxychlor

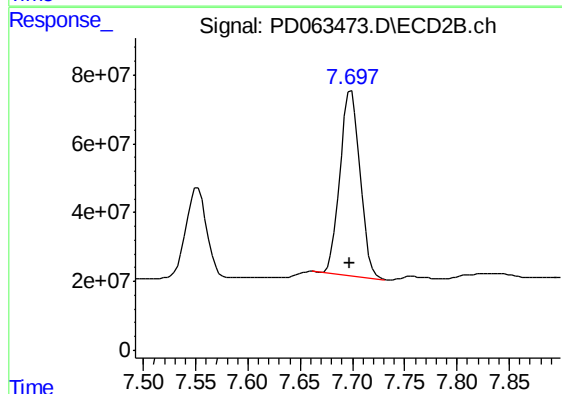
R.T.: 7.552 min
Delta R.T.: 0.002 min
Response: 364409299
Conc: 49.20 ng/ml



#21 Endrin ketone

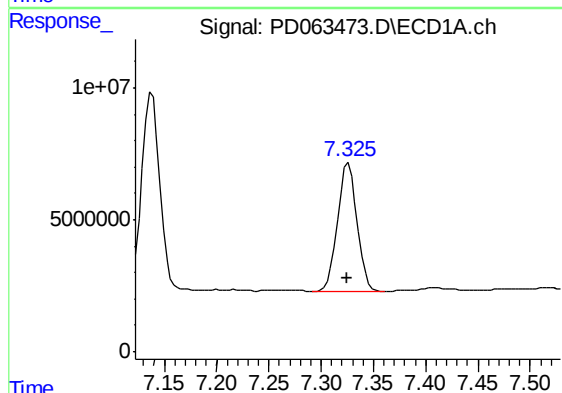
R.T.: 7.138 min
Delta R.T.: 0.001 min
Response: 91260230
Conc: 51.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MS



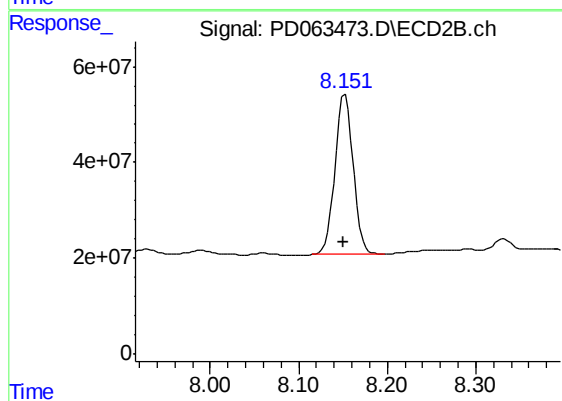
#21 Endrin ketone

R.T.: 7.699 min
Delta R.T.: 0.002 min
Response: 719448635
Conc: 49.20 ng/ml



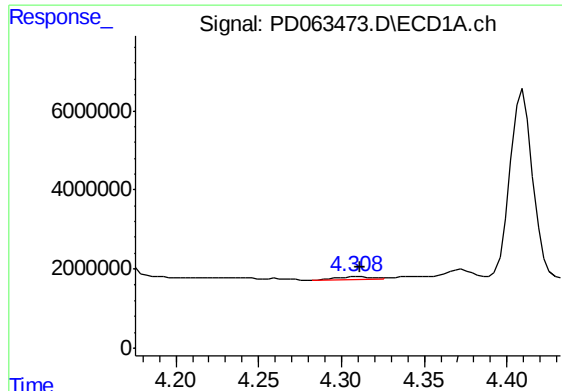
#22 Mirex

R.T.: 7.326 min
Delta R.T.: 0.002 min
Response: 63238793
Conc: 55.09 ng/ml



#22 Mirex

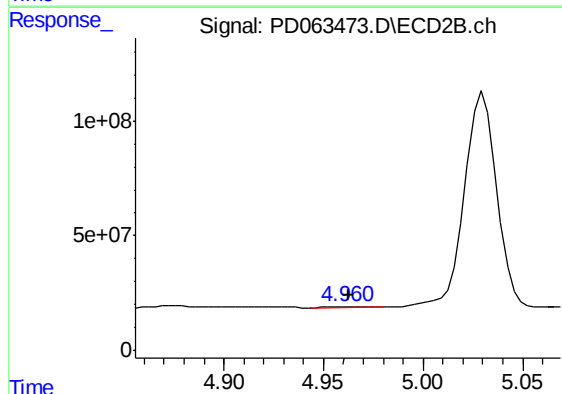
R.T.: 8.153 min
Delta R.T.: 0.003 min
Response: 481088237
Conc: 48.11 ng/ml



#23 Chlordane-1

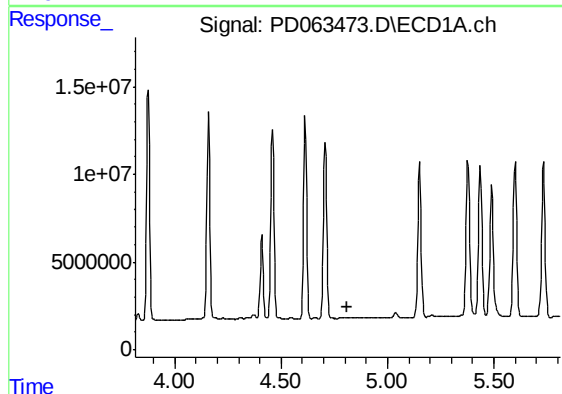
R.T.: 4.309 min
Delta R.T.: -0.002 min
Response: 1185064
Conc: 24.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MS



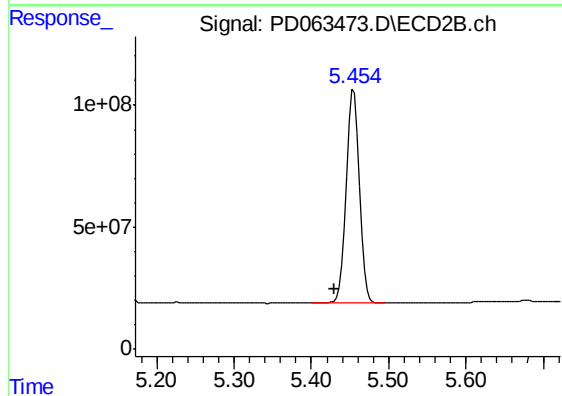
#23 Chlordane-1

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 2779021
Conc: 4.80 ng/ml



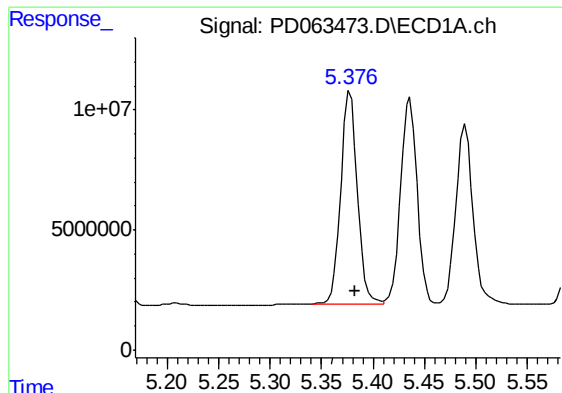
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.813 min
Response: 0
Conc: N.D.



#24 Chlordane-2

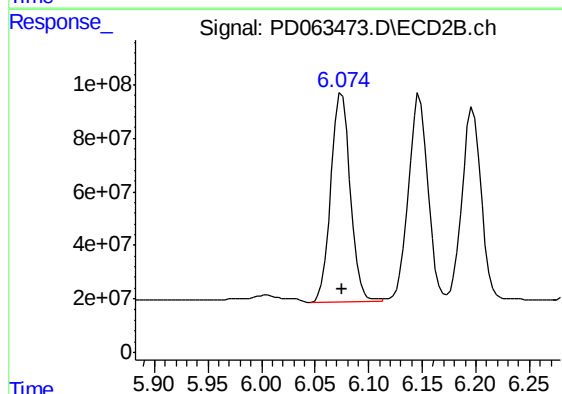
R.T.: 5.455 min
Delta R.T.: 0.026 min
Response: 1042968809
Conc: 1864.21 ng/ml



#25 Chlordane-3

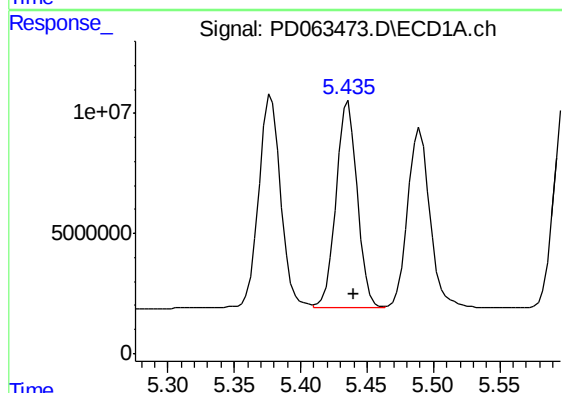
R.T.: 5.378 min
Delta R.T.: -0.004 min
Response: 99865844
Conc: 587.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MS



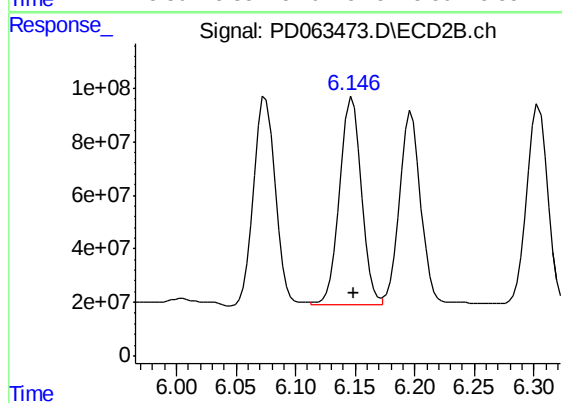
#25 Chlordane-3

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 987897242
Conc: 399.86 ng/ml



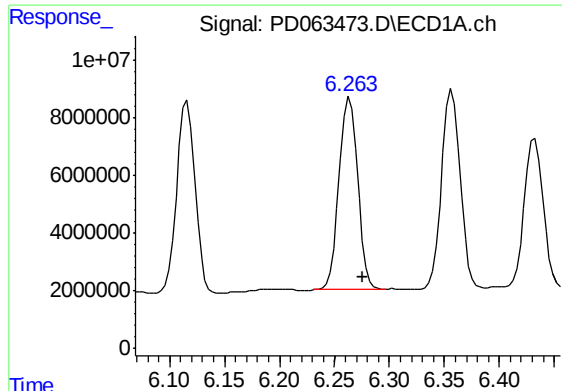
#26 Chlordane-4

R.T.: 5.436 min
Delta R.T.: -0.003 min
Response: 95990927
Conc: 688.69 ng/ml



#26 Chlordane-4

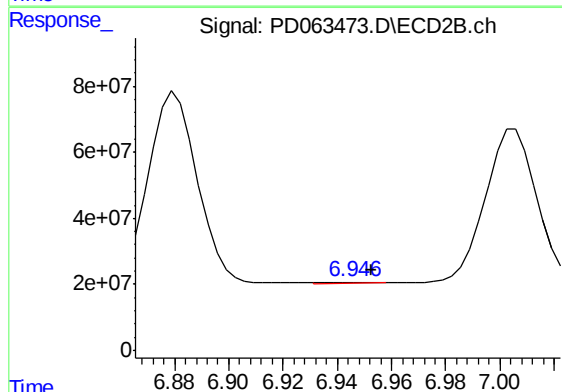
R.T.: 6.148 min
Delta R.T.: -0.001 min
Response: 979988562
Conc: 342.86 ng/ml



#27 Chlordane-5

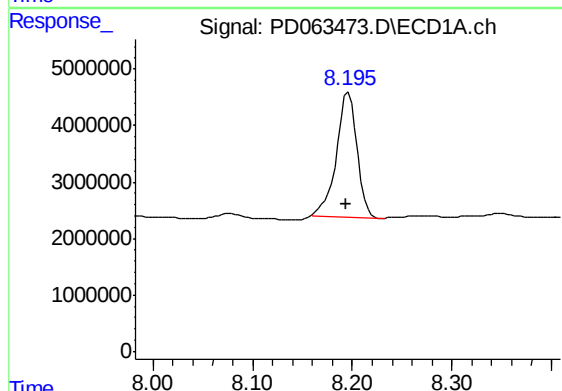
R.T.: 6.264 min
Delta R.T.: -0.012 min
Response: 78975230
Conc: 1426.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
13MS



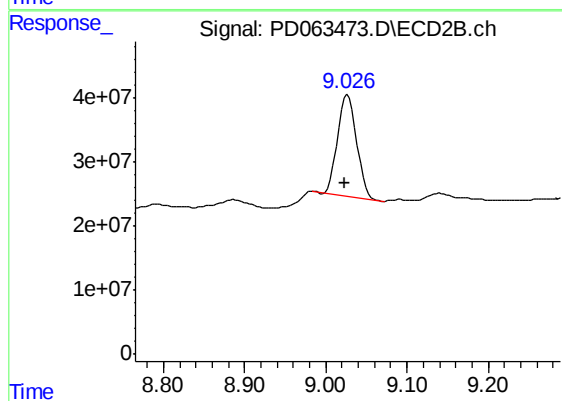
#27 Chlordane-5

R.T.: 6.947 min
Delta R.T.: -0.006 min
Response: 3223934
Conc: 6.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.196 min
Delta R.T.: 0.002 min
Response: 31605945
Conc: 20.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.027 min
Delta R.T.: 0.003 min
Response: 262444612
Conc: 18.99 ng/ml