

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040921\
 Data File : PD062090.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Apr 2021 17:51
 Operator : AR\AJ
 Sample : M1946-04MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

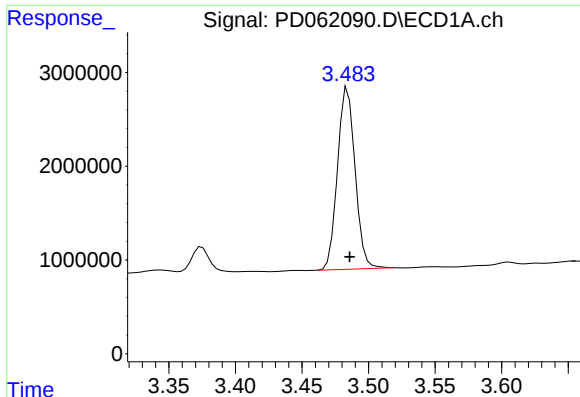
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 05:55:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032921.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 30 04:47:56 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.484	3.980	17877892	194.4E6	21.352	22.375
28)	SA Decachlor...	8.255	9.038	24906397	177.4E6	20.242	18.791
Target Compounds							
2)	A alpha-BHC	3.924	4.369	77504094	820.2E6	61.364	60.982
3)	MA gamma-BHC...	4.209	4.653	72681262	763.2E6	61.217	61.182
4)	MA Heptachlor	4.512	5.161	73140907	753.4E6	62.827	57.815
5)	MB Aldrin	4.761	5.466	68332220	694.5E6	56.937	55.810
6)	B beta-BHC	4.459	4.823	32611489	304.2E6	59.803	58.891
7)	B delta-BHC	4.665	5.040	71641756	713.1E6	58.974	53.915
8)	B Heptachlo...	5.205	5.851	69118760	634.5E6	60.295	53.589
9)	A Endosulfan I	5.546	6.208	65079182	619.4E6	59.265	57.140
10)	B gamma-Chl...	5.433	6.086	70949300	673.3E6	60.570	56.793
11)	B alpha-Chl...	5.492	6.158	69863555	645.2E6	60.123	56.597
12)	B 4,4'-DDE	5.654	6.315	67658684	635.3E6	60.212	55.126
13)	MA Dieldrin	5.790	6.465	72481056	707.4E6	62.706	61.283
14)	MA Endrin	6.048	6.682	62863835	573.3E6	61.181	57.927
15)	B Endosulfa...	6.321	6.891	62270535	549.7E6	60.758	57.900
16)	A 4,4'-DDD	6.172	6.804	56680253	533.7E6	60.905	56.363
17)	MA 4,4'-DDT	6.413	7.103	58041735	531.5E6	64.439	55.641
18)	B Endrin al...	6.489	7.016	53154877	460.5E6	62.216	58.553
19)	B Endosulfa...	6.704	7.238	63933943	545.2E6	59.251	54.403
20)	A Methoxychlor	6.959	7.561	33969204	267.8E6	71.892	59.403
21)	B Endrin ke...	7.197	7.709	73786614	548.1E6	57.815	54.036
22)	Mirex	7.387	8.163	53450843	334.7E6	65.513	51.935
24)	Chlordane-2	0.000	5.466f	0	694.5E6	N.D.	1809.975 #
25)	Chlordane-3	5.433	6.086	70949300	673.3E6	611.573	406.146 #
26)	Chlordane-4	5.492	6.158	69863555	645.2E6	726.176	336.229 #
27)	Chlordane-5	6.321	0.000	62270535	0	1414.153	N.D. #

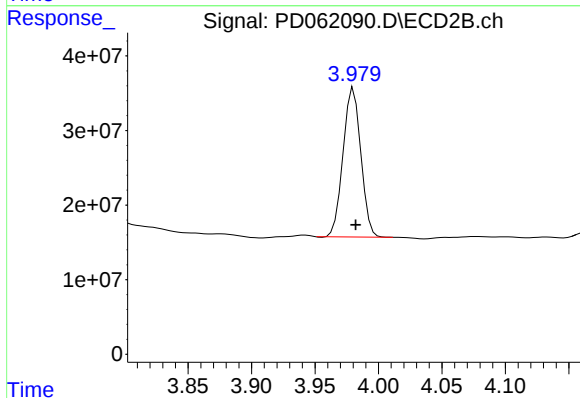
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

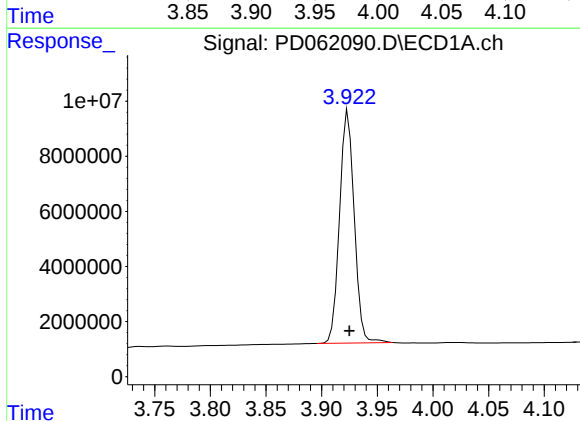
R.T.: 3.484 min
Delta R.T.: -0.002 min
Response: 17877892
Conc: 21.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



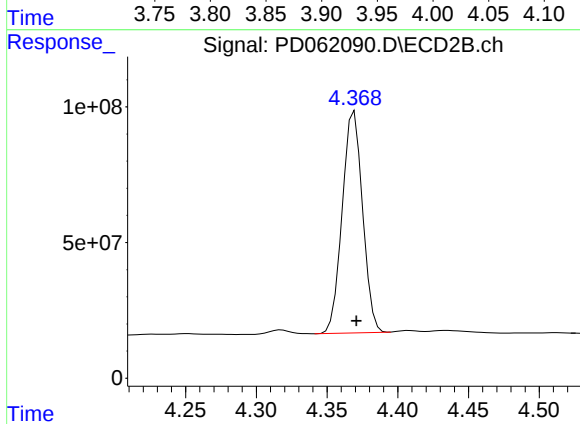
#1 Tetrachloro-m-xylene

R.T.: 3.980 min
Delta R.T.: -0.002 min
Response: 194417320
Conc: 22.38 ng/ml



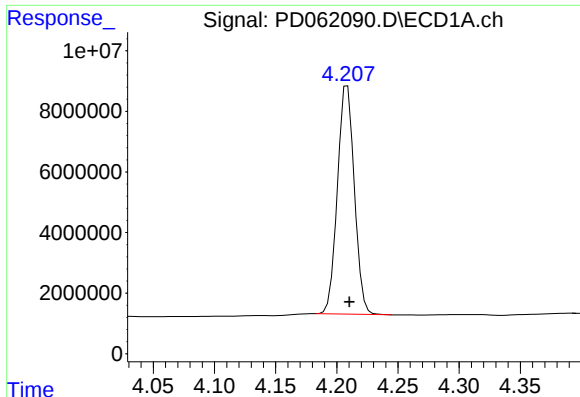
#2 alpha-BHC

R.T.: 3.924 min
Delta R.T.: -0.001 min
Response: 77504094
Conc: 61.36 ng/ml



#2 alpha-BHC

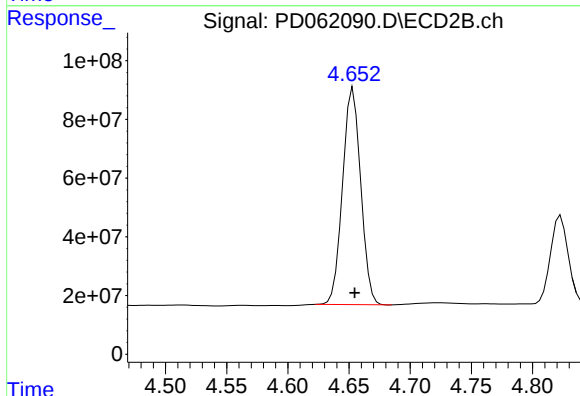
R.T.: 4.369 min
Delta R.T.: -0.001 min
Response: 820248468
Conc: 60.98 ng/ml



#3 gamma-BHC (Lindane)

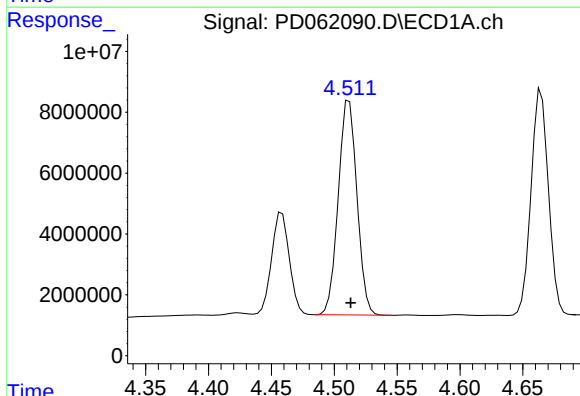
R.T.: 4.209 min
Delta R.T.: -0.001 min
Response: 72681262
Conc: 61.22 ng/ml

Instrument :
ECD_D
ClientSampleId :



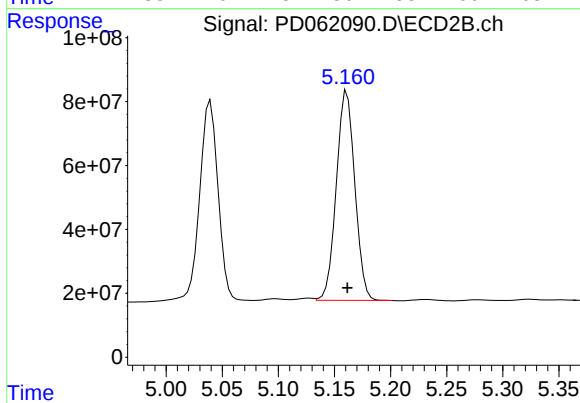
#3 gamma-BHC (Lindane)

R.T.: 4.653 min
Delta R.T.: -0.001 min
Response: 763171946
Conc: 61.18 ng/ml



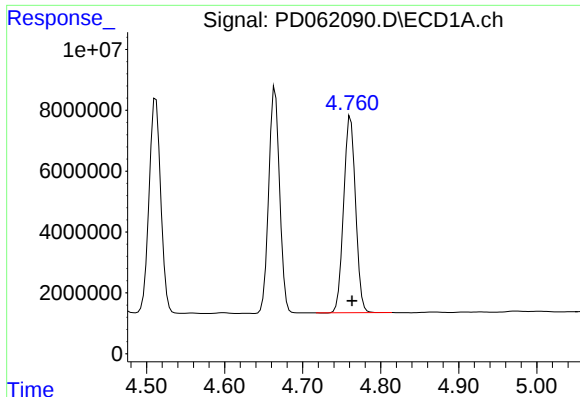
#4 Heptachlor

R.T.: 4.512 min
Delta R.T.: -0.001 min
Response: 73140907
Conc: 62.83 ng/ml



#4 Heptachlor

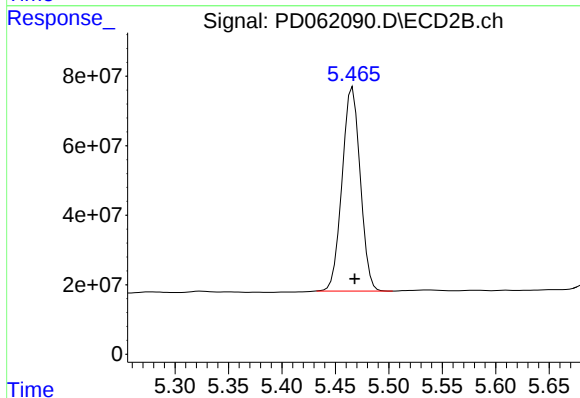
R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 753411861
Conc: 57.81 ng/ml



#5 Aldrin

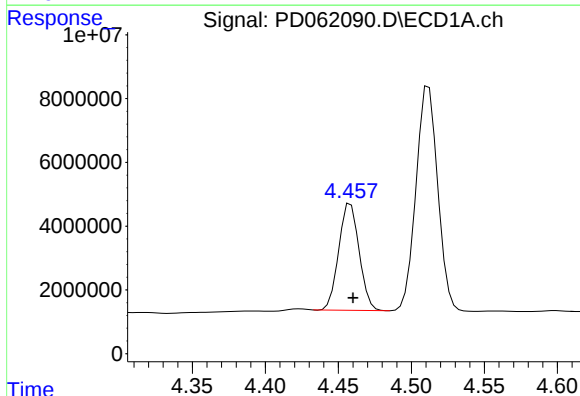
R.T.: 4.761 min
Delta R.T.: -0.002 min
Response: 68332220
Conc: 56.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



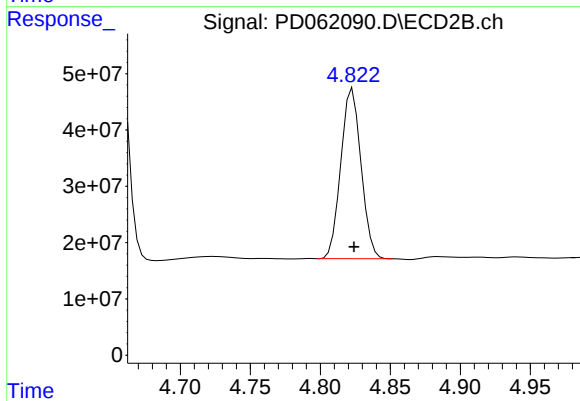
#5 Aldrin

R.T.: 5.466 min
Delta R.T.: -0.002 min
Response: 694512580
Conc: 55.81 ng/ml



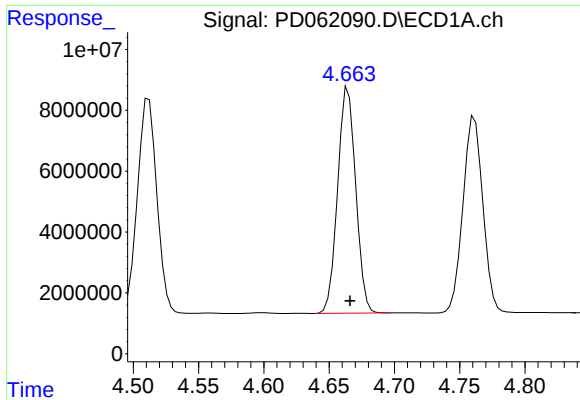
#6 beta-BHC

R.T.: 4.459 min
Delta R.T.: -0.001 min
Response: 32611489
Conc: 59.80 ng/ml



#6 beta-BHC

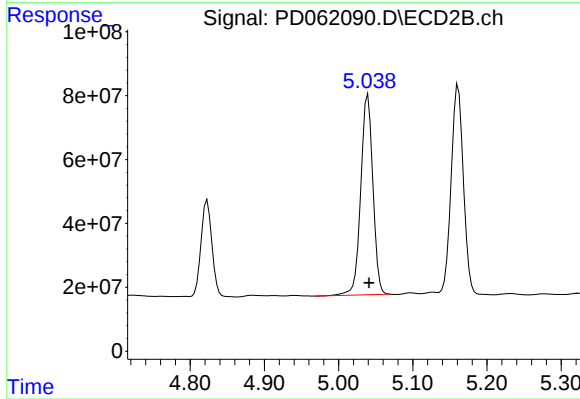
R.T.: 4.823 min
Delta R.T.: -0.001 min
Response: 304179432
Conc: 58.89 ng/ml



#7 delta-BHC

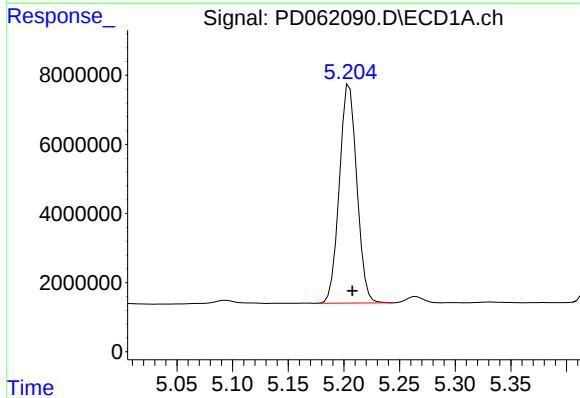
R.T.: 4.665 min
Delta R.T.: -0.001 min
Response: 71641756
Conc: 58.97 ng/ml

Instrument :
ECD_D
ClientSampleId :



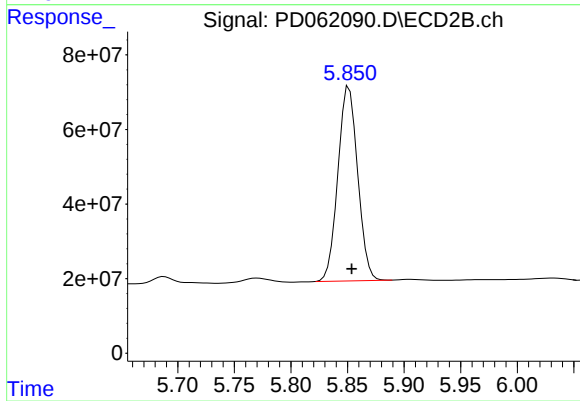
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: -0.001 min
Response: 713138820
Conc: 53.92 ng/ml



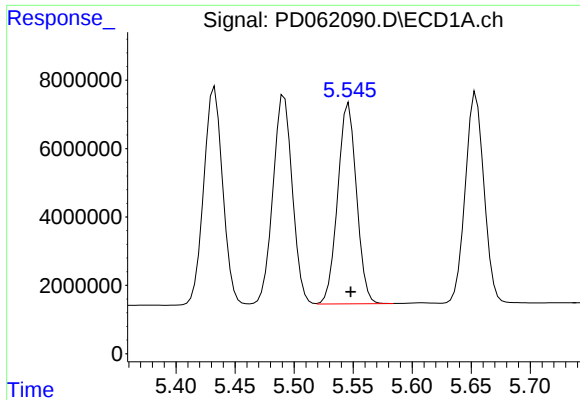
#8 Heptachlor epoxide

R.T.: 5.205 min
Delta R.T.: -0.002 min
Response: 69118760
Conc: 60.29 ng/ml



#8 Heptachlor epoxide

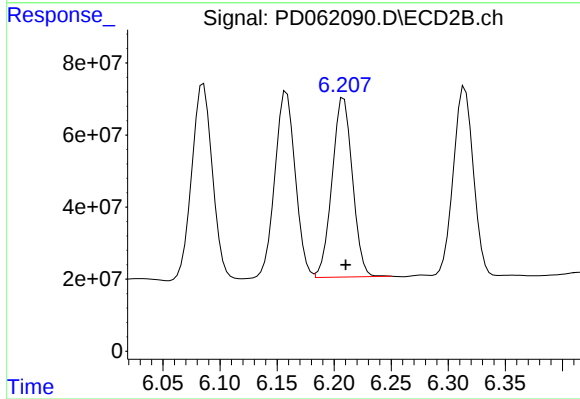
R.T.: 5.851 min
Delta R.T.: -0.002 min
Response: 634538948
Conc: 53.59 ng/ml



#9 Endosulfan I

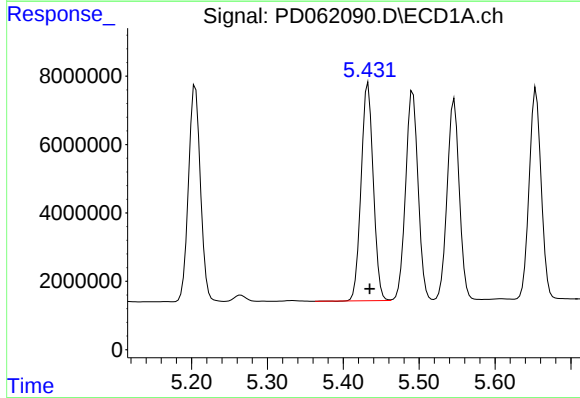
R.T.: 5.546 min
Delta R.T.: -0.002 min
Response: 65079182
Conc: 59.26 ng/ml

Instrument :
ECD_D
ClientSampleId :



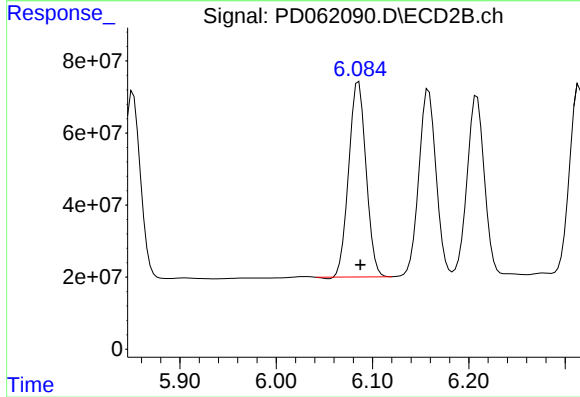
#9 Endosulfan I

R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 619409475
Conc: 57.14 ng/ml



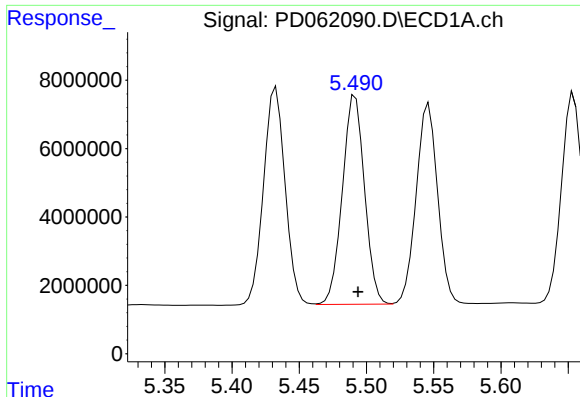
#10 gamma-Chlordane

R.T.: 5.433 min
Delta R.T.: -0.002 min
Response: 70949300
Conc: 60.57 ng/ml



#10 gamma-Chlordane

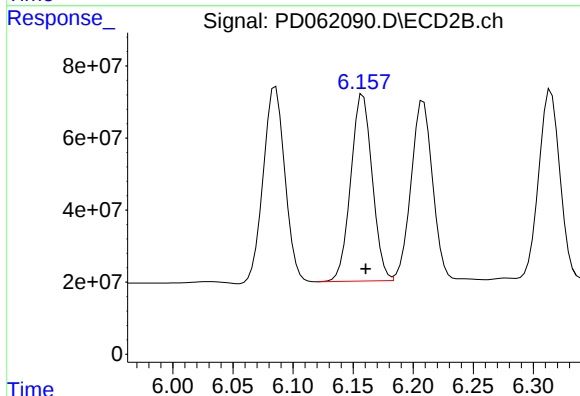
R.T.: 6.086 min
Delta R.T.: -0.002 min
Response: 673283601
Conc: 56.79 ng/ml



#11 alpha-Chlordane

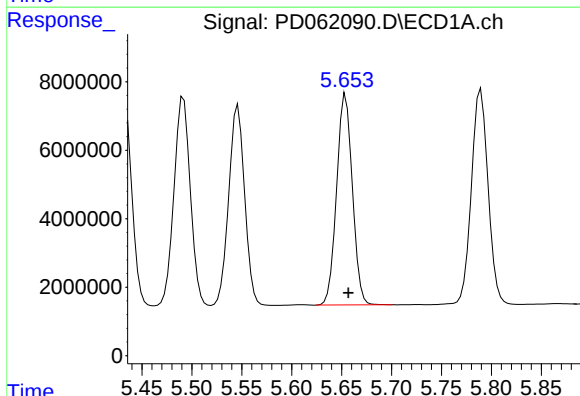
R.T.: 5.492 min
Delta R.T.: -0.002 min
Response: 69863555
Conc: 60.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



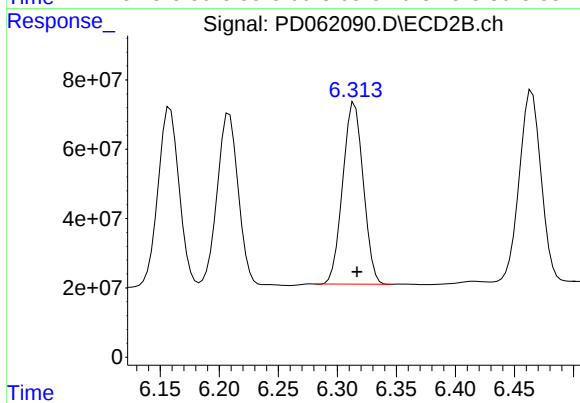
#11 alpha-Chlordane

R.T.: 6.158 min
Delta R.T.: -0.002 min
Response: 645206691
Conc: 56.60 ng/ml



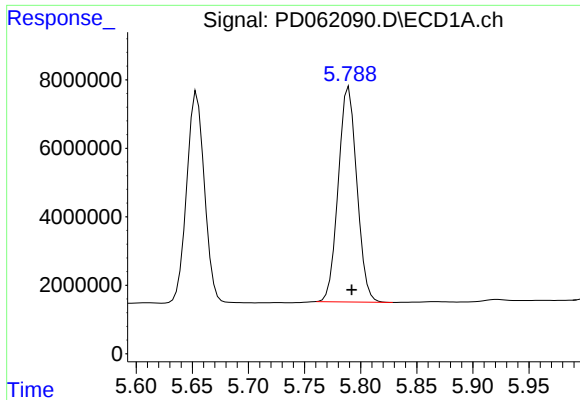
#12 4,4'-DDE

R.T.: 5.654 min
Delta R.T.: -0.003 min
Response: 67658684
Conc: 60.21 ng/ml



#12 4,4'-DDE

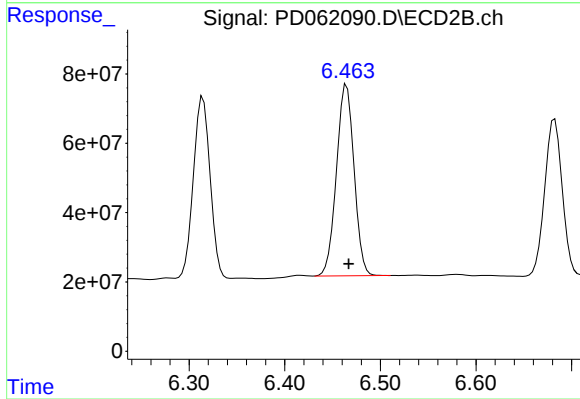
R.T.: 6.315 min
Delta R.T.: -0.002 min
Response: 635276008
Conc: 55.13 ng/ml



#13 Dieldrin

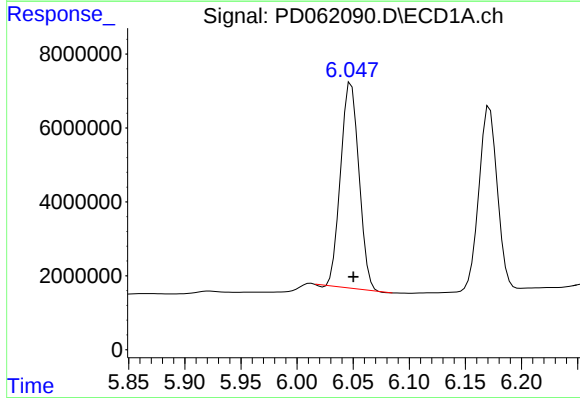
R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 72481056
Conc: 62.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



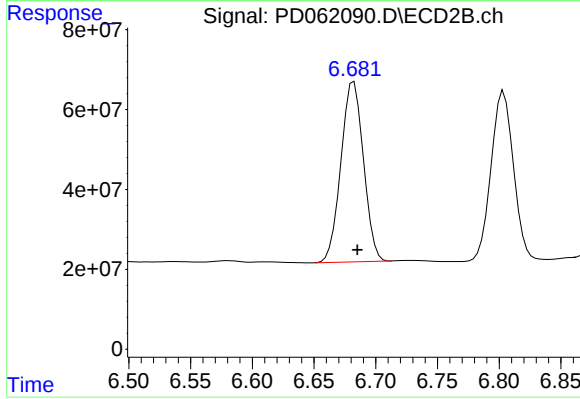
#13 Dieldrin

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 707365000
Conc: 61.28 ng/ml



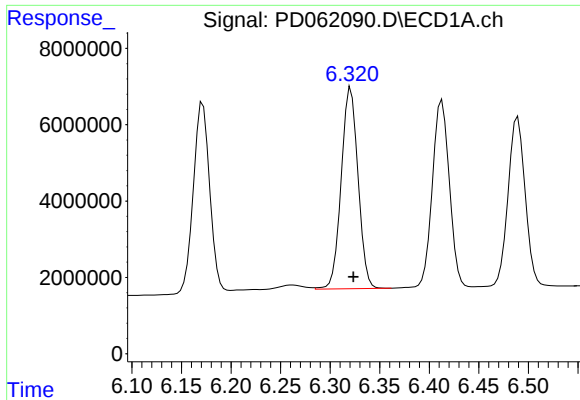
#14 Endrin

R.T.: 6.048 min
Delta R.T.: -0.002 min
Response: 62863835
Conc: 61.18 ng/ml



#14 Endrin

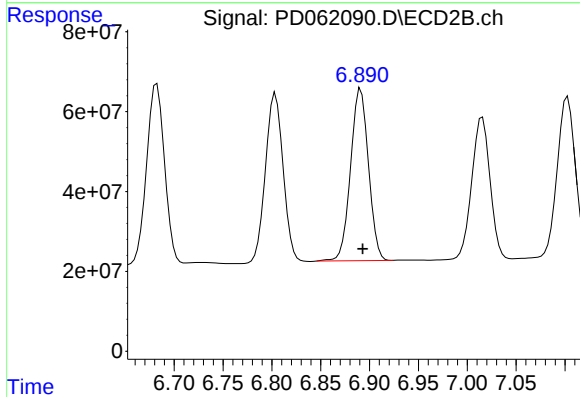
R.T.: 6.682 min
Delta R.T.: -0.003 min
Response: 573256369
Conc: 57.93 ng/ml



#15 Endosulfan II

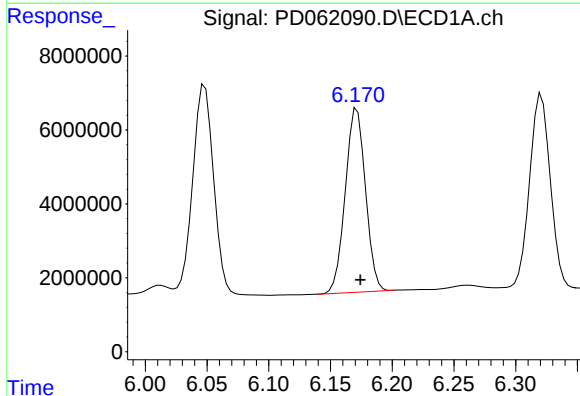
R.T.: 6.321 min
Delta R.T.: -0.002 min
Response: 62270535
Conc: 60.76 ng/ml

Instrument :
ECD_D
ClientSampleId :



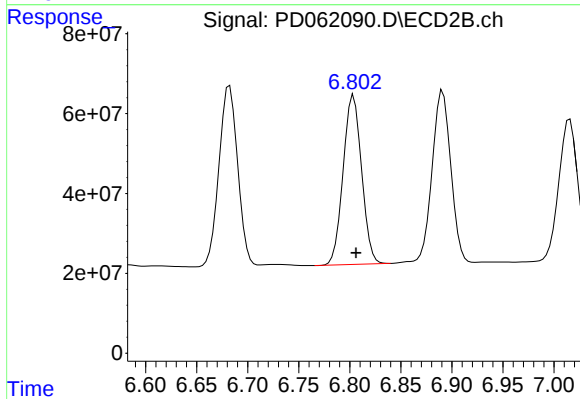
#15 Endosulfan II

R.T.: 6.891 min
Delta R.T.: -0.002 min
Response: 549734038
Conc: 57.90 ng/ml



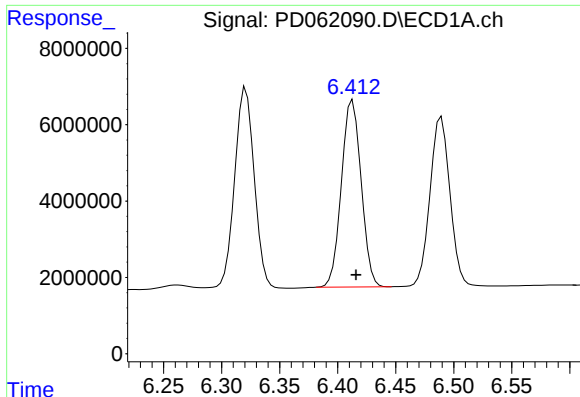
#16 4,4'-DDD

R.T.: 6.172 min
Delta R.T.: -0.003 min
Response: 56680253
Conc: 60.91 ng/ml



#16 4,4'-DDD

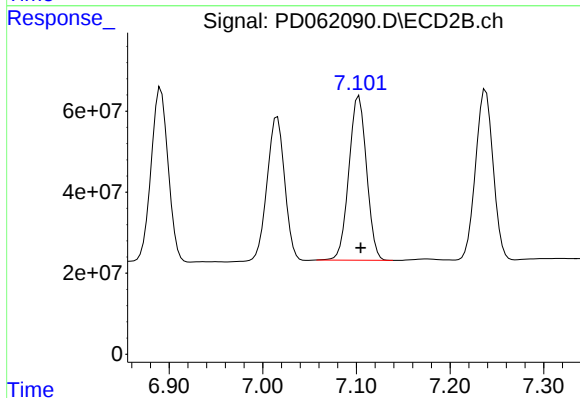
R.T.: 6.804 min
Delta R.T.: -0.002 min
Response: 533692338
Conc: 56.36 ng/ml



#17 4,4'-DDT

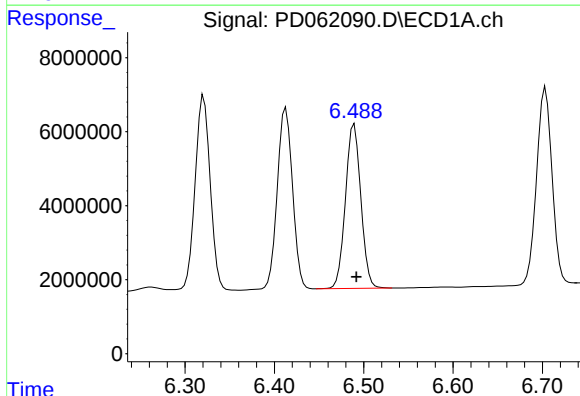
R.T.: 6.413 min
Delta R.T.: -0.003 min
Response: 58041735
Conc: 64.44 ng/ml

Instrument :
ECD_D
ClientSampleId :



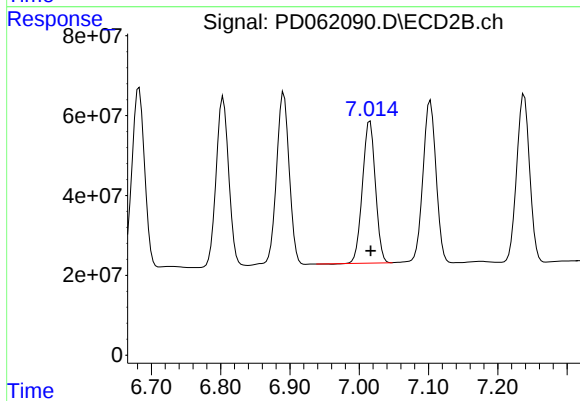
#17 4,4'-DDT

R.T.: 7.103 min
Delta R.T.: -0.002 min
Response: 531462382
Conc: 55.64 ng/ml



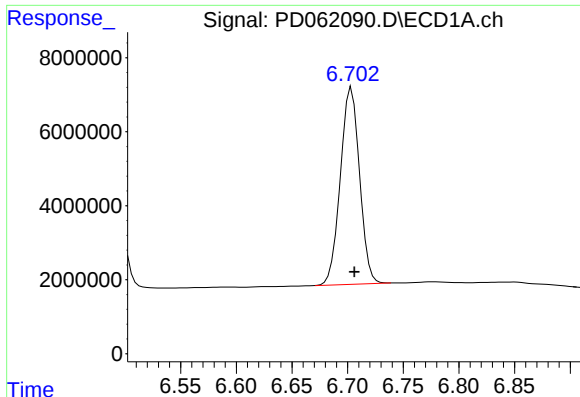
#18 Endrin aldehyde

R.T.: 6.489 min
Delta R.T.: -0.003 min
Response: 53154877
Conc: 62.22 ng/ml



#18 Endrin aldehyde

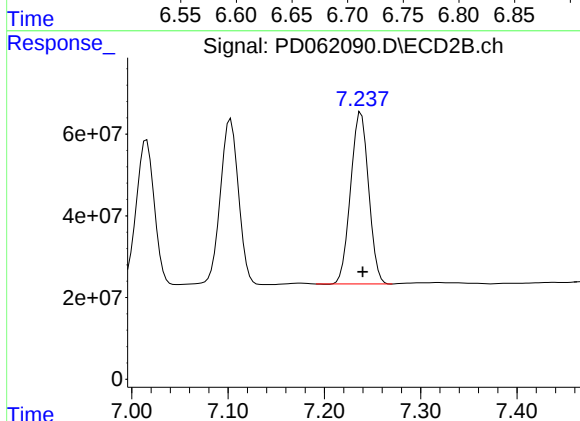
R.T.: 7.016 min
Delta R.T.: -0.001 min
Response: 460477136
Conc: 58.55 ng/ml



#19 Endosulfan Sulfate

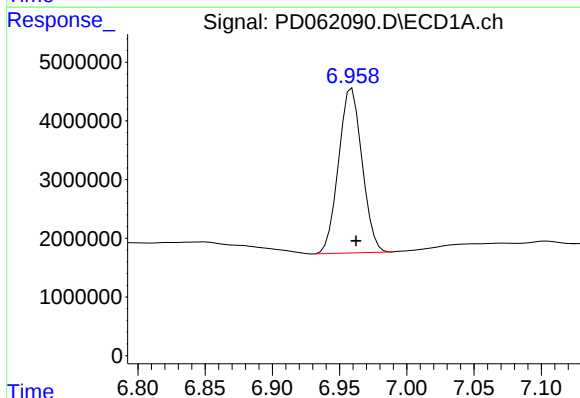
R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 63933943
Conc: 59.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



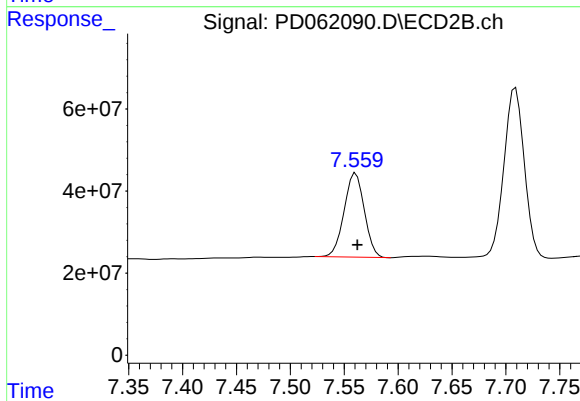
#19 Endosulfan Sulfate

R.T.: 7.238 min
Delta R.T.: -0.002 min
Response: 545243681
Conc: 54.40 ng/ml



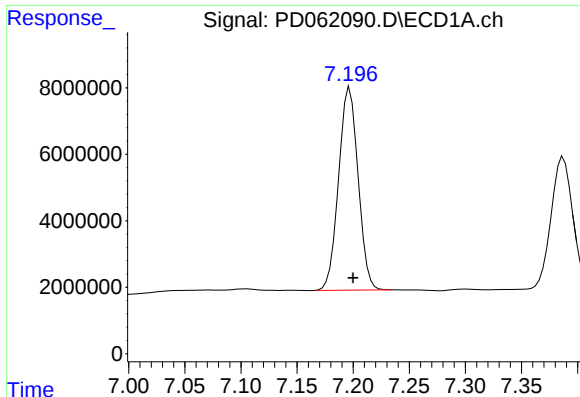
#20 Methoxychlor

R.T.: 6.959 min
Delta R.T.: -0.003 min
Response: 33969204
Conc: 71.89 ng/ml



#20 Methoxychlor

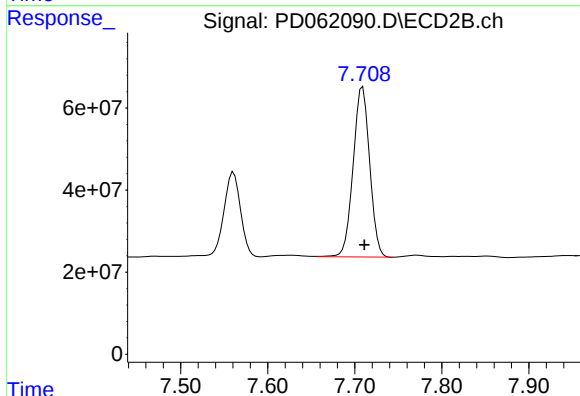
R.T.: 7.561 min
Delta R.T.: -0.002 min
Response: 267782436
Conc: 59.40 ng/ml



#21 Endrin ketone

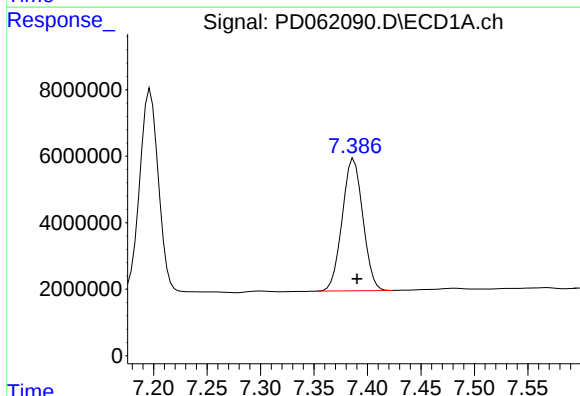
R.T.: 7.197 min
Delta R.T.: -0.003 min
Response: 73786614
Conc: 57.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



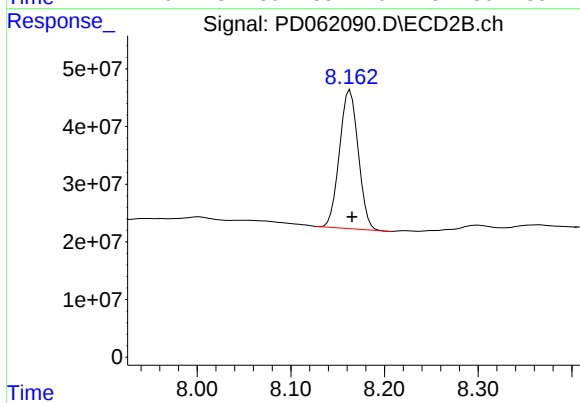
#21 Endrin ketone

R.T.: 7.709 min
Delta R.T.: -0.002 min
Response: 548062129
Conc: 54.04 ng/ml



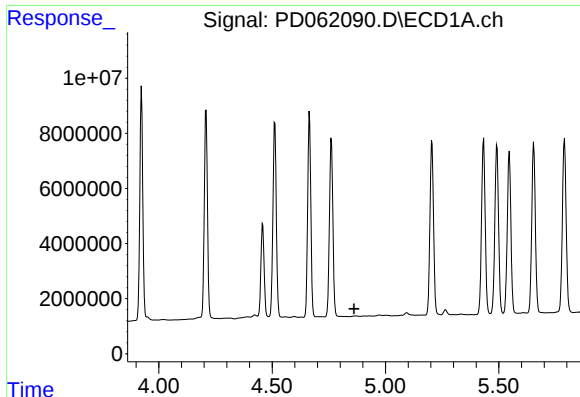
#22 Mirex

R.T.: 7.387 min
Delta R.T.: -0.003 min
Response: 53450843
Conc: 65.51 ng/ml



#22 Mirex

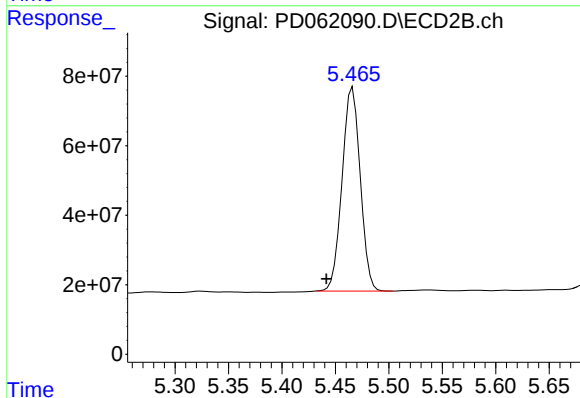
R.T.: 8.163 min
Delta R.T.: -0.002 min
Response: 334691803
Conc: 51.93 ng/ml



#24 Chlordane-2

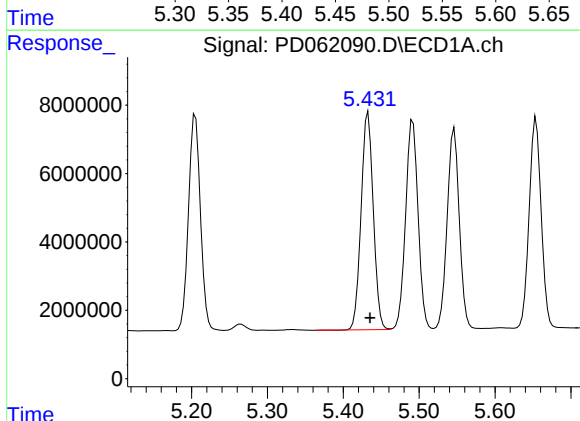
R.T.: 0.000 min
Exp R.T.: 4.862 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



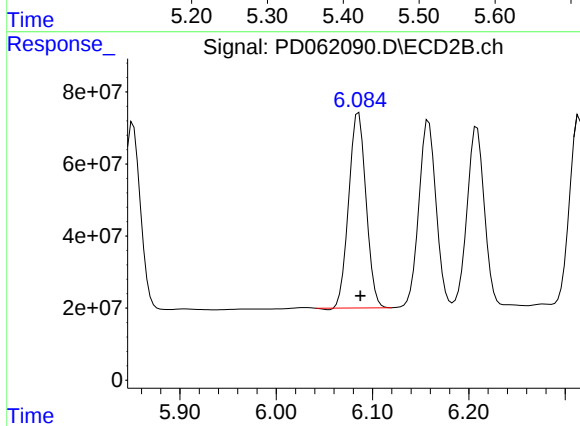
#24 Chlordane-2

R.T.: 5.466 min
Delta R.T.: 0.025 min
Response: 694512580
Conc: 1809.98 ng/ml



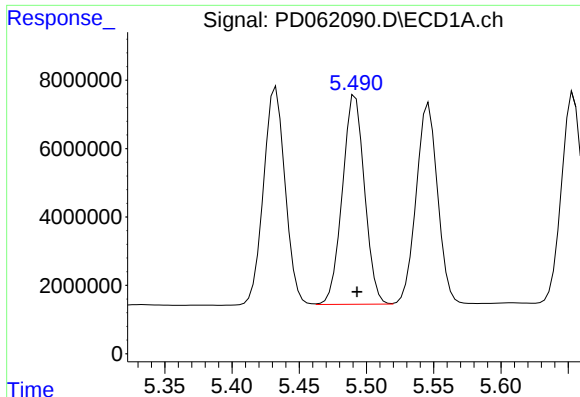
#25 Chlordane-3

R.T.: 5.433 min
Delta R.T.: -0.002 min
Response: 70949300
Conc: 611.57 ng/ml



#25 Chlordane-3

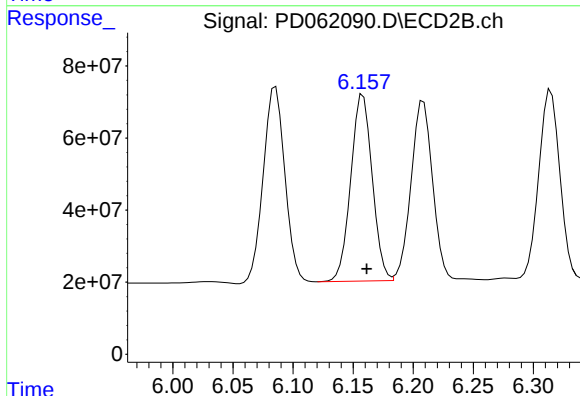
R.T.: 6.086 min
Delta R.T.: -0.002 min
Response: 673283601
Conc: 406.15 ng/ml



#26 Chlordane-4

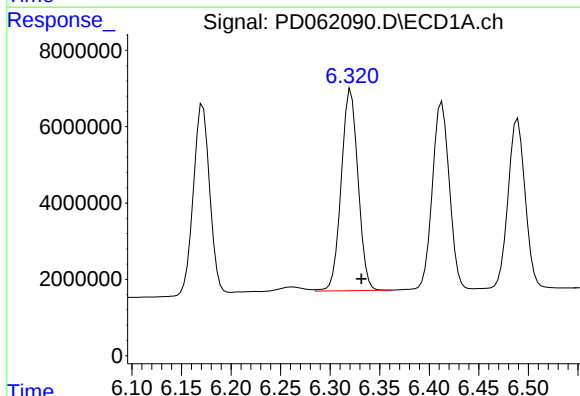
R.T.: 5.492 min
Delta R.T.: -0.001 min
Response: 69863555
Conc: 726.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



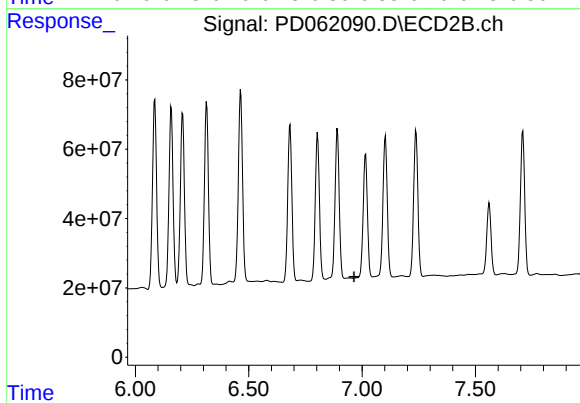
#26 Chlordane-4

R.T.: 6.158 min
Delta R.T.: -0.003 min
Response: 645206691
Conc: 336.23 ng/ml



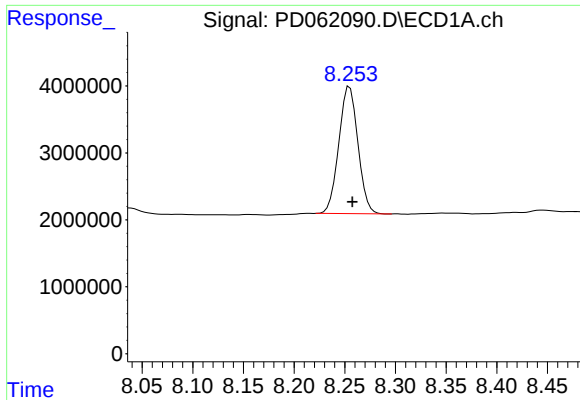
#27 Chlordane-5

R.T.: 6.321 min
Delta R.T.: -0.011 min
Response: 62270535
Conc: 1414.15 ng/ml



#27 Chlordane-5

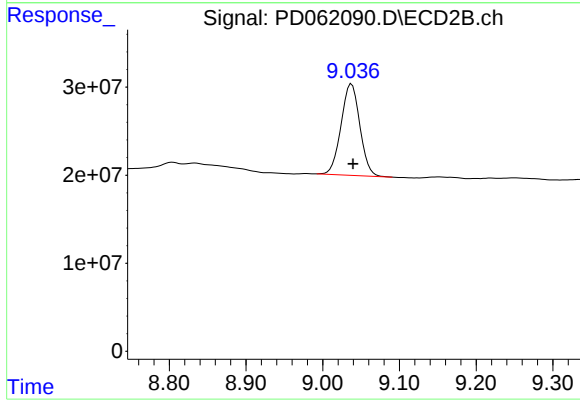
R.T.: 0.000 min
Exp R.T.: 6.964 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.255 min
Delta R.T.: -0.003 min
Response: 24906397
Conc: 20.24 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.038 min
Delta R.T.: -0.002 min
Response: 177397015
Conc: 18.79 ng/ml