

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110220\
 Data File : PD060013.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Nov 2020 12:08
 Operator : DD\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

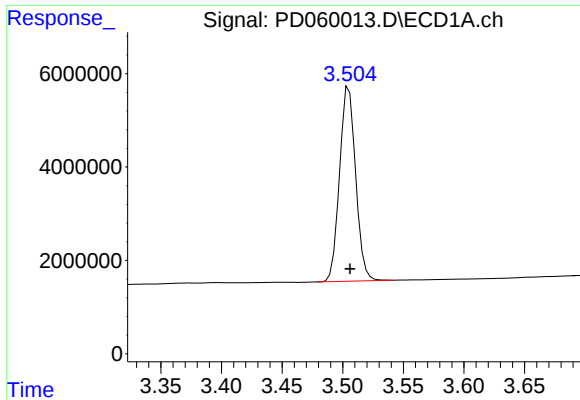
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 03 01:41:35 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 01:26:25 2020
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.505	4.024	38458669	141.4E6	46.548	47.838
28)	SA Decachlor...	8.304	9.111	40897630	107.0E6	48.589	47.181
Target Compounds							
2)	A alpha-BHC	3.947	4.415	62132791	227.7E6	47.312	48.675
3)	MA gamma-BHC...	4.233	4.701	58782332	207.6E6	47.150	48.500
4)	MA Heptachlor	4.540	5.212	56999402	192.2E6	46.807	47.293
5)	MB Aldrin	4.792	5.519	55194232	186.8E6	46.823	49.343
6)	B beta-BHC	4.483	4.868	24319284	83094113	46.035	46.615
7)	B delta-BHC	4.691	5.087	57545779	136.6E6	46.536	43.279
8)	B Heptachlo...	5.239	5.906	51438819	139.2E6	46.757	43.523
9)	A Endosulfan I	5.581	6.264	48716278	155.0E6	46.837	47.557
10)	B gamma-Chl...	5.468	6.140	52349506	171.3E6	47.057	48.399
11)	B alpha-Chl...	5.527	6.213	51957493	168.8E6	47.048	47.975
12)	B 4,4'-DDE	5.691	6.368	52405154	159.9E6	47.104	48.025
13)	MA Dieldrin	5.827	6.521	53035168	166.7E6	47.158	47.672
14)	MA Endrin	6.086	6.740	47209211	143.9E6	47.615	48.960
15)	B Endosulfa...	6.359	6.947	46483152	141.7E6	46.633	46.769
16)	A 4,4'-DDD	6.210	6.859	42983626	131.2E6	45.783	48.232
17)	MA 4,4'-DDT	6.454	7.158	45256643	138.3E6	47.603	48.797
18)	B Endrin al...	6.528	7.071	37969957	119.4E6	46.076	47.175
19)	B Endosulfa...	6.743	7.295	40305407	133.1E6	46.078	46.728
20)	A Methoxychlor	7.002	7.615	23496567	73582344	48.102	47.587
21)	B Endrin ke...	7.239	7.767	51191356	145.0E6	47.727	46.953
22)	Mirex	7.433	8.224	37241430	96917799	47.530	53.169
24)	Chlordane-2	0.000	5.519f	0	186.8E6	N.D.	1707.637 #
25)	Chlordane-3	5.468	6.140	52349506	171.3E6	570.347	404.725 #
26)	Chlordane-4	5.527	6.213	51957493	168.8E6	683.757	336.985 #
27)	Chlordane-5	6.359	0.000	46483152	0	1375.190	N.D. #

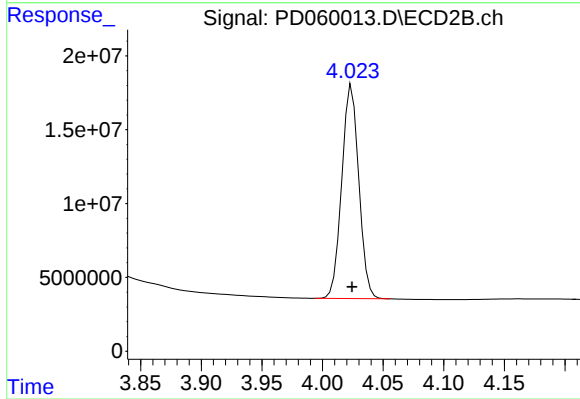
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

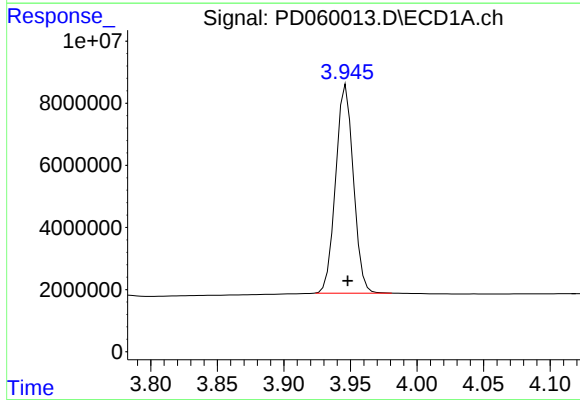
R.T.: 3.505 min
Delta R.T.: 0.000 min
Response: 38458669
Conc: 46.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



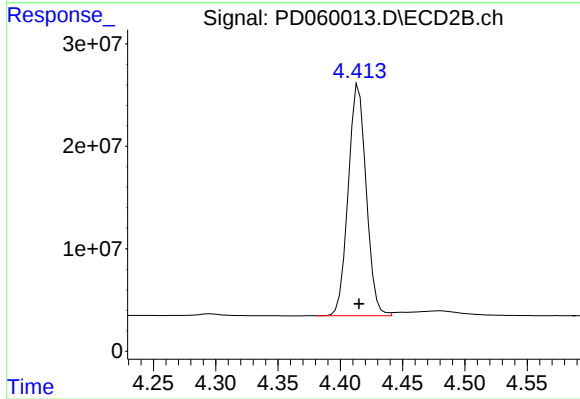
#1 Tetrachloro-m-xylene

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 141387229
Conc: 47.84 ng/ml



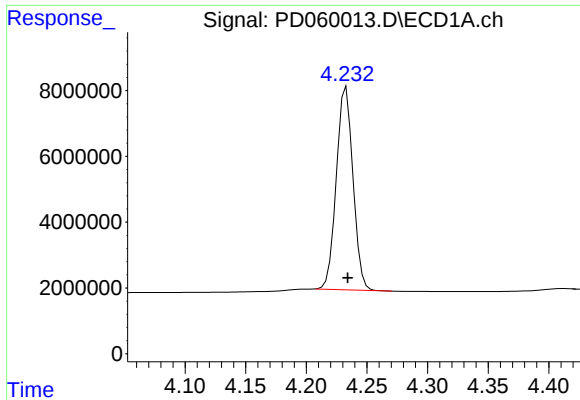
#2 alpha-BHC

R.T.: 3.947 min
Delta R.T.: -0.001 min
Response: 62132791
Conc: 47.31 ng/ml



#2 alpha-BHC

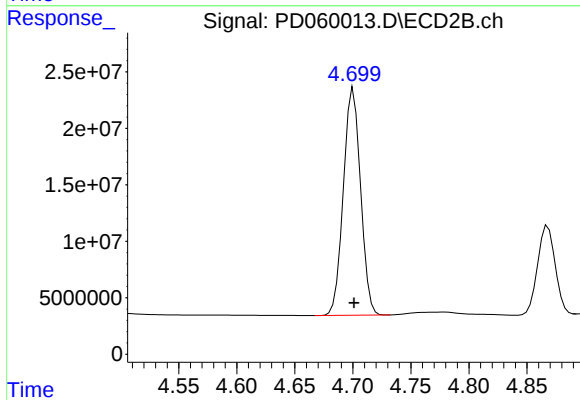
R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 227738227
Conc: 48.67 ng/ml



#3 gamma-BHC (Lindane)

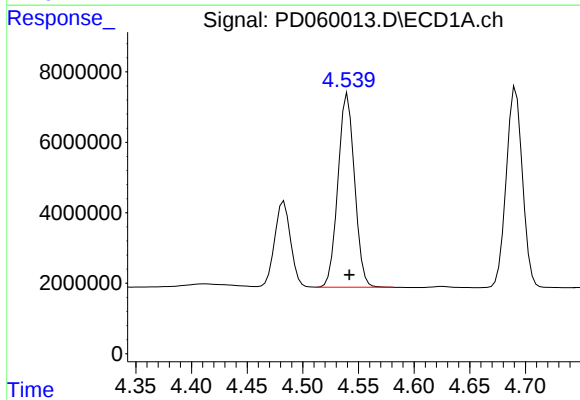
R.T.: 4.233 min
Delta R.T.: -0.001 min
Response: 58782332
Conc: 47.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



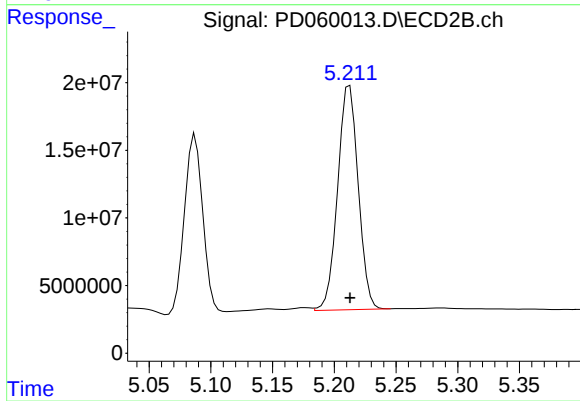
#3 gamma-BHC (Lindane)

R.T.: 4.701 min
Delta R.T.: 0.000 min
Response: 207597723
Conc: 48.50 ng/ml



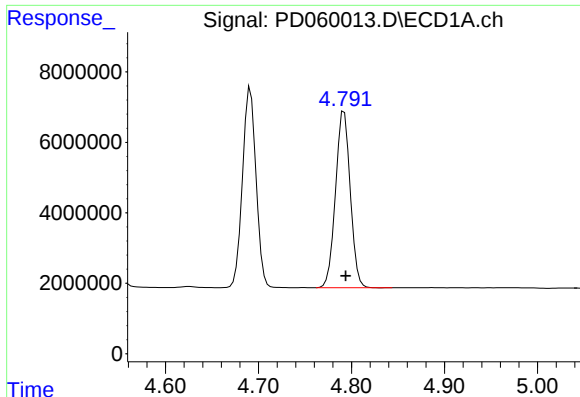
#4 Heptachlor

R.T.: 4.540 min
Delta R.T.: -0.002 min
Response: 56999402
Conc: 46.81 ng/ml



#4 Heptachlor

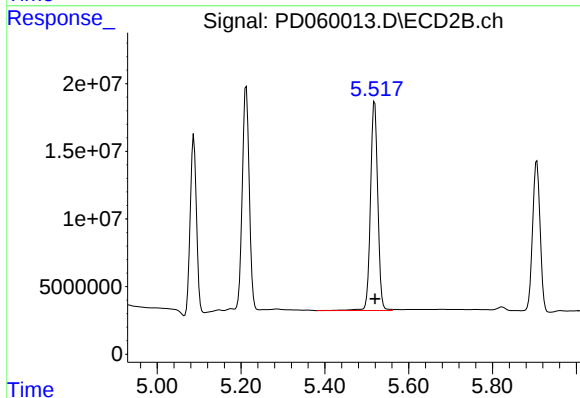
R.T.: 5.212 min
Delta R.T.: 0.000 min
Response: 192230886
Conc: 47.29 ng/ml



#5 Aldrin

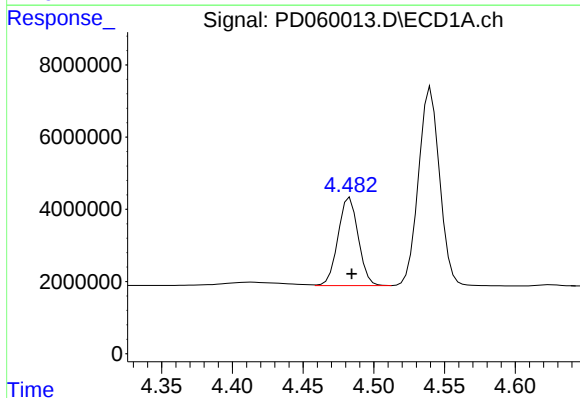
R.T.: 4.792 min
Delta R.T.: -0.002 min
Response: 55194232
Conc: 46.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



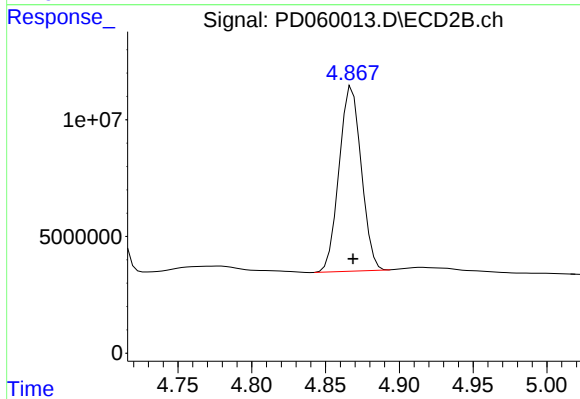
#5 Aldrin

R.T.: 5.519 min
Delta R.T.: -0.001 min
Response: 186832068
Conc: 49.34 ng/ml



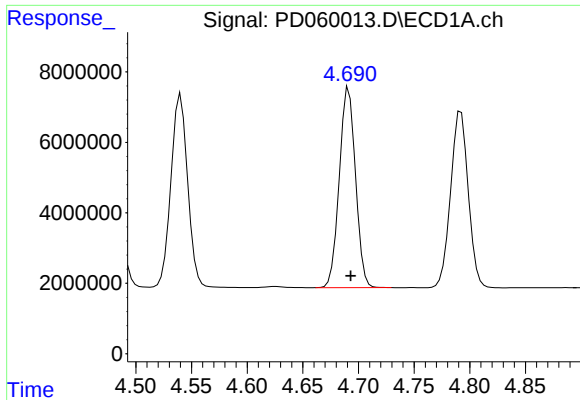
#6 beta-BHC

R.T.: 4.483 min
Delta R.T.: -0.001 min
Response: 24319284
Conc: 46.04 ng/ml



#6 beta-BHC

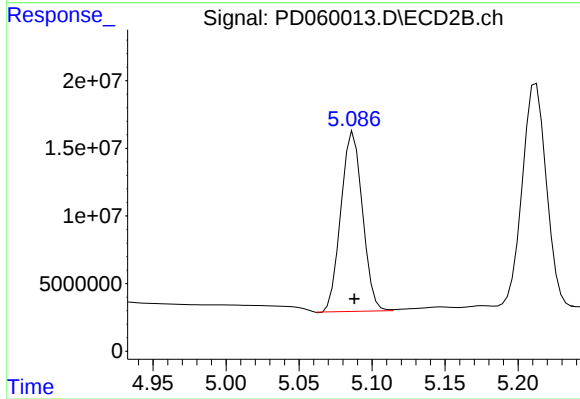
R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 83094113
Conc: 46.61 ng/ml



#7 delta-BHC

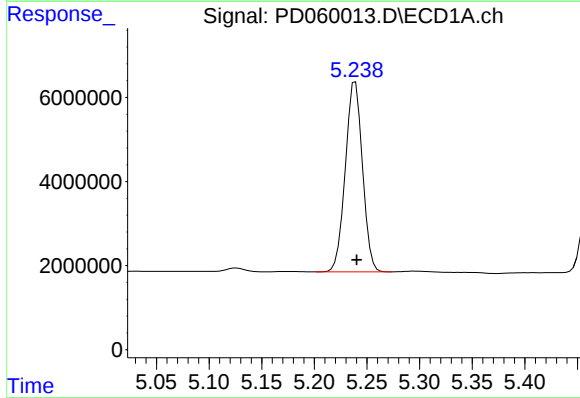
R.T.: 4.691 min
Delta R.T.: -0.002 min
Response: 57545779
Conc: 46.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



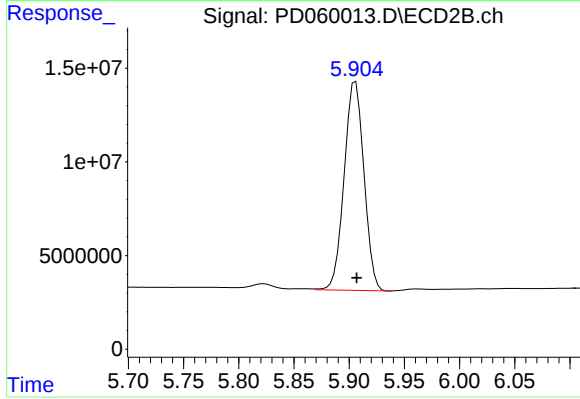
#7 delta-BHC

R.T.: 5.087 min
Delta R.T.: 0.000 min
Response: 136596997
Conc: 43.28 ng/ml



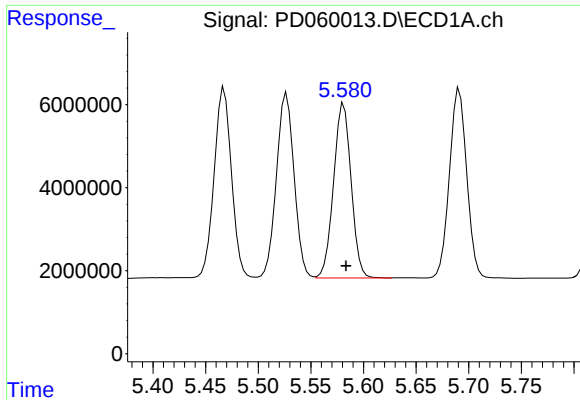
#8 Heptachlor epoxide

R.T.: 5.239 min
Delta R.T.: -0.001 min
Response: 51438819
Conc: 46.76 ng/ml



#8 Heptachlor epoxide

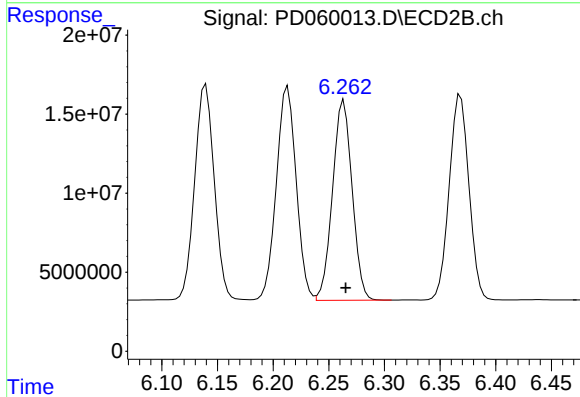
R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 139150805
Conc: 43.52 ng/ml



#9 Endosulfan I

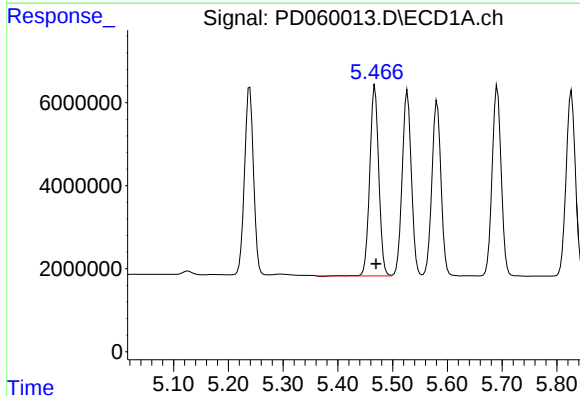
R.T.: 5.581 min
Delta R.T.: -0.002 min
Response: 48716278
Conc: 46.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



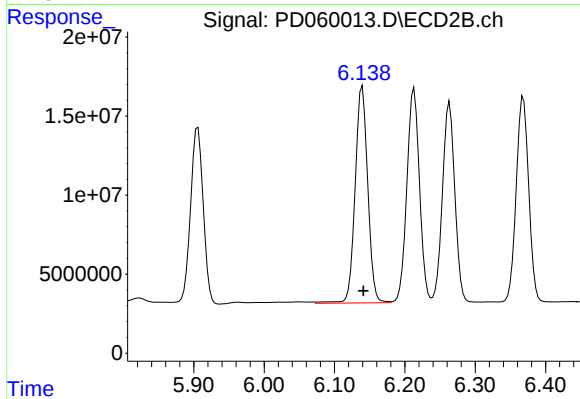
#9 Endosulfan I

R.T.: 6.264 min
Delta R.T.: -0.002 min
Response: 154968260
Conc: 47.56 ng/ml



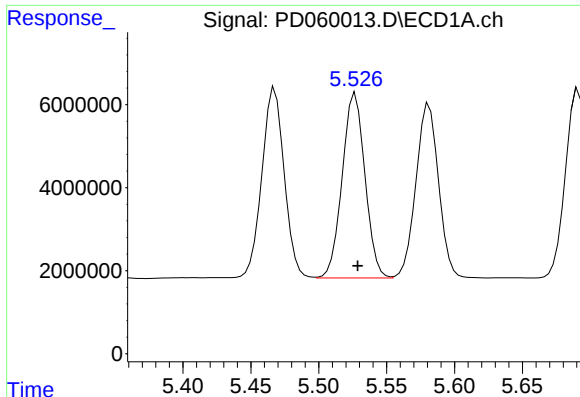
#10 gamma-Chlordane

R.T.: 5.468 min
Delta R.T.: -0.002 min
Response: 52349506
Conc: 47.06 ng/ml



#10 gamma-Chlordane

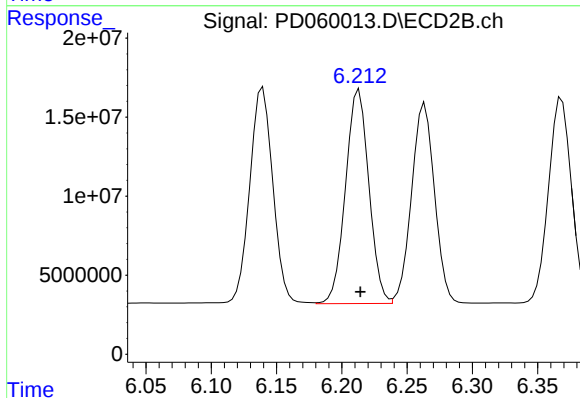
R.T.: 6.140 min
Delta R.T.: -0.002 min
Response: 171300335
Conc: 48.40 ng/ml



#11 alpha-Chlordane

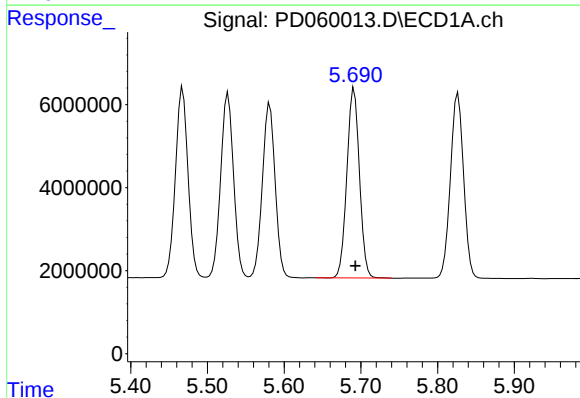
R.T.: 5.527 min
Delta R.T.: -0.002 min
Response: 51957493
Conc: 47.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



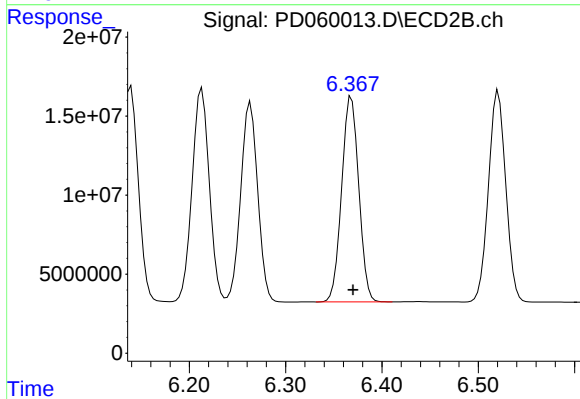
#11 alpha-Chlordane

R.T.: 6.213 min
Delta R.T.: -0.001 min
Response: 168788994
Conc: 47.97 ng/ml



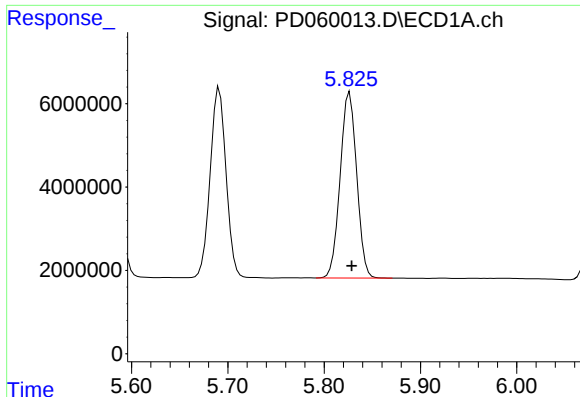
#12 4,4'-DDE

R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 52405154
Conc: 47.10 ng/ml



#12 4,4'-DDE

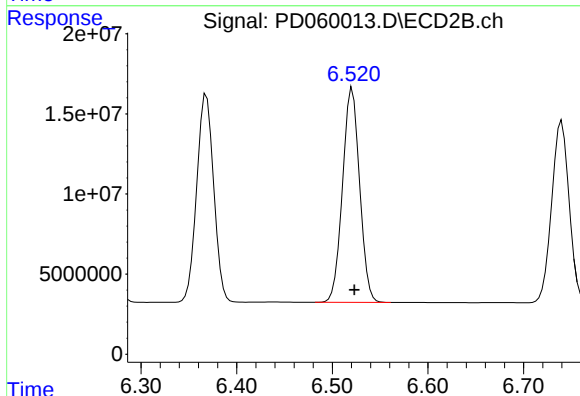
R.T.: 6.368 min
Delta R.T.: -0.002 min
Response: 159881081
Conc: 48.03 ng/ml



#13 Dieldrin

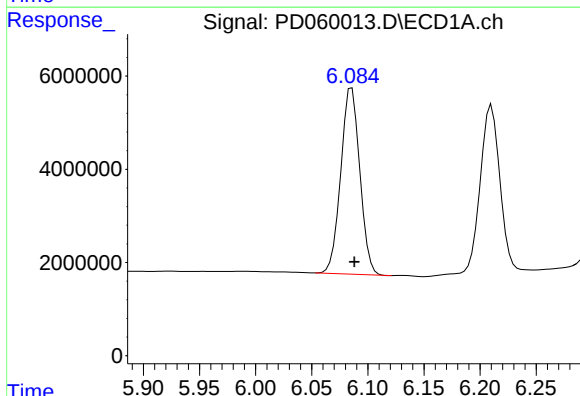
R.T.: 5.827 min
Delta R.T.: -0.002 min
Response: 53035168
Conc: 47.16 ng/ml

Instrument :
ECD_D
ClientSampleId :



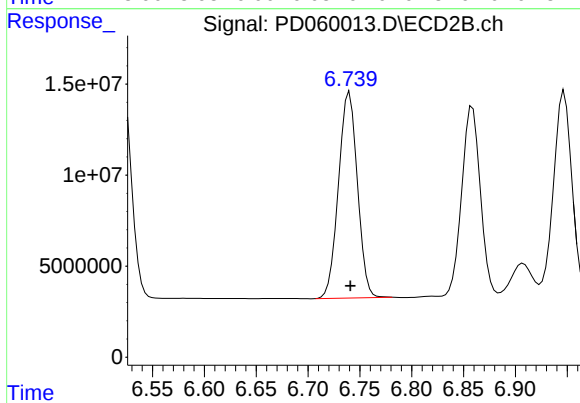
#13 Dieldrin

R.T.: 6.521 min
Delta R.T.: -0.002 min
Response: 166662200
Conc: 47.67 ng/ml



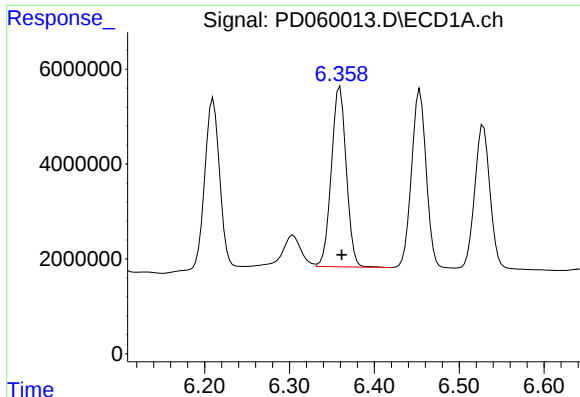
#14 Endrin

R.T.: 6.086 min
Delta R.T.: -0.002 min
Response: 47209211
Conc: 47.62 ng/ml



#14 Endrin

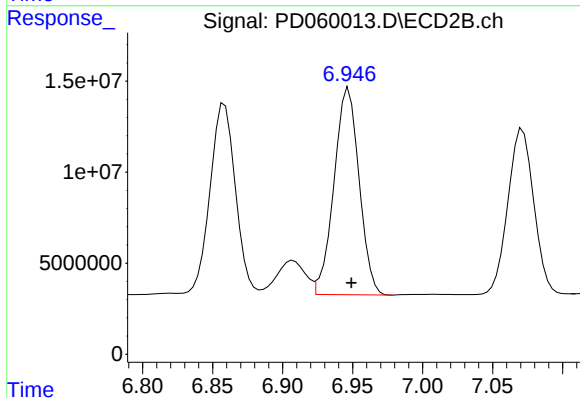
R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 143913400
Conc: 48.96 ng/ml



#15 Endosulfan II

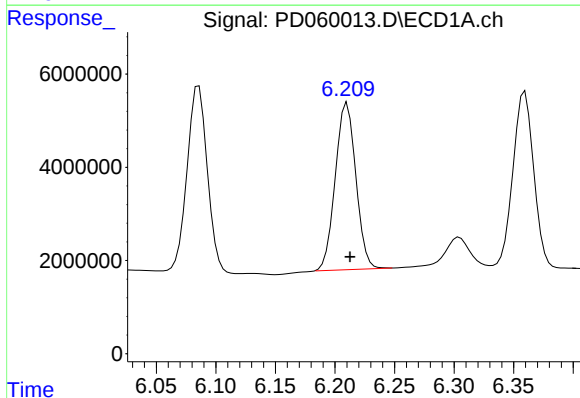
R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 46483152
Conc: 46.63 ng/ml

Instrument :
ECD_D
ClientSampleId :



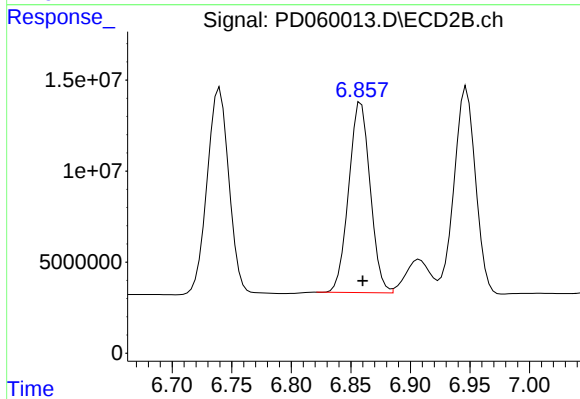
#15 Endosulfan II

R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 141677611
Conc: 46.77 ng/ml



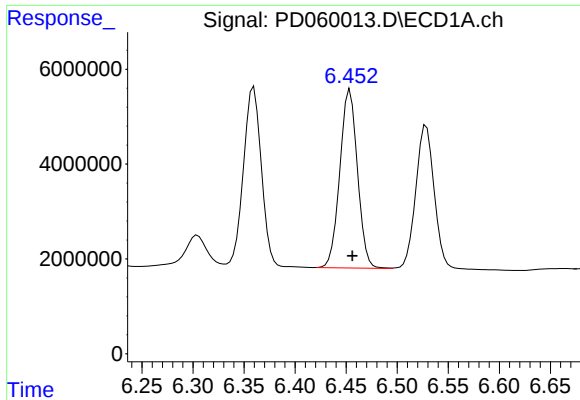
#16 4,4'-DDD

R.T.: 6.210 min
Delta R.T.: -0.002 min
Response: 42983626
Conc: 45.78 ng/ml



#16 4,4'-DDD

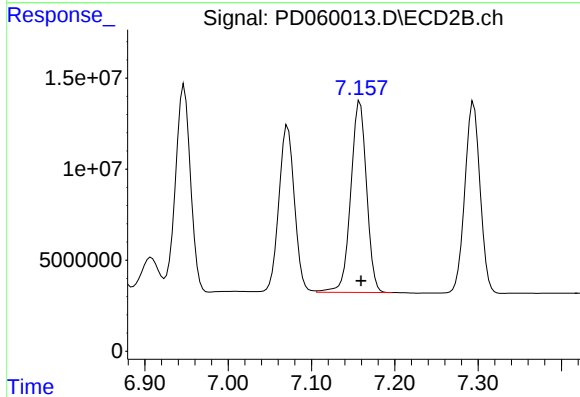
R.T.: 6.859 min
Delta R.T.: -0.001 min
Response: 131162849
Conc: 48.23 ng/ml



#17 4,4'-DDT

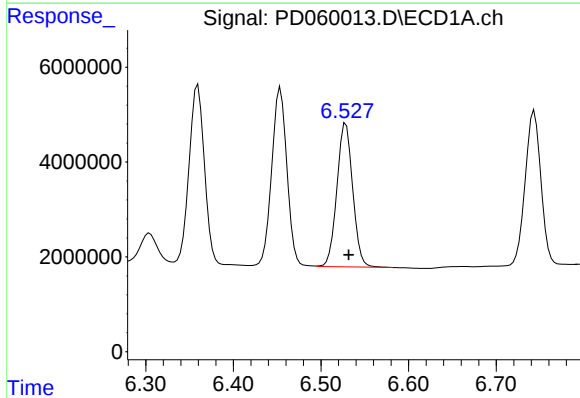
R.T.: 6.454 min
Delta R.T.: -0.002 min
Response: 45256643
Conc: 47.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



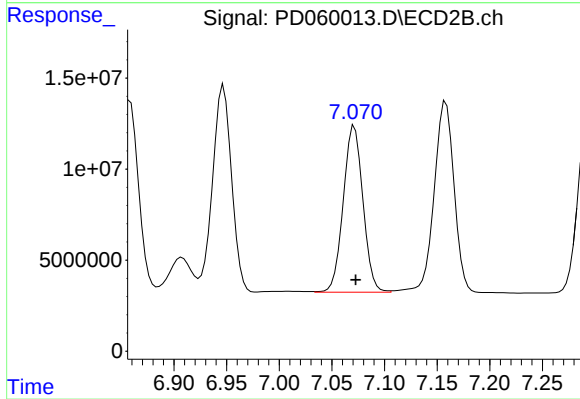
#17 4,4'-DDT

R.T.: 7.158 min
Delta R.T.: -0.001 min
Response: 138340504
Conc: 48.80 ng/ml



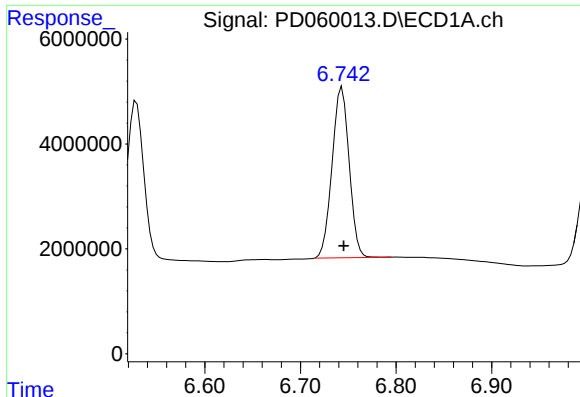
#18 Endrin aldehyde

R.T.: 6.528 min
Delta R.T.: -0.003 min
Response: 37969957
Conc: 46.08 ng/ml



#18 Endrin aldehyde

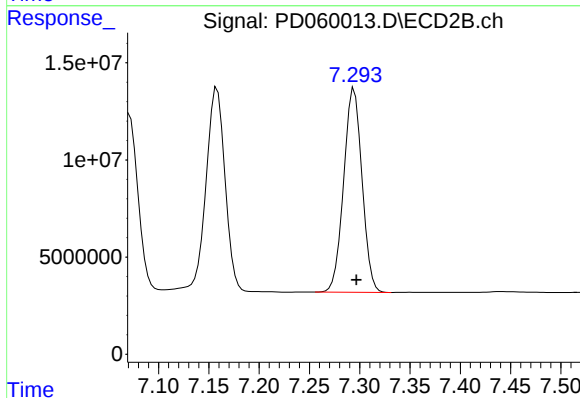
R.T.: 7.071 min
Delta R.T.: -0.001 min
Response: 119360721
Conc: 47.17 ng/ml



#19 Endosulfan Sulfate

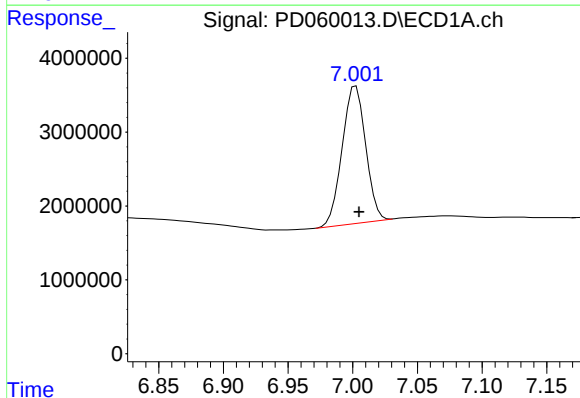
R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 40305407
Conc: 46.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



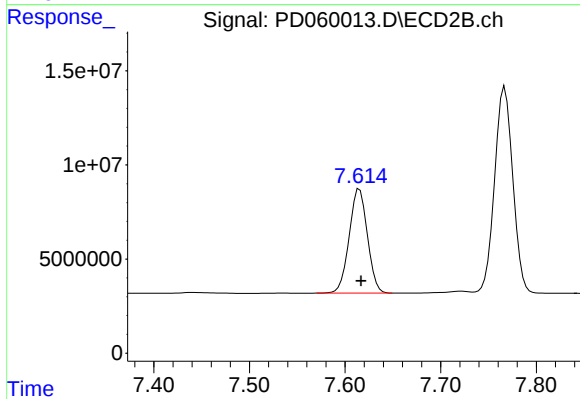
#19 Endosulfan Sulfate

R.T.: 7.295 min
Delta R.T.: -0.002 min
Response: 133122556
Conc: 46.73 ng/ml



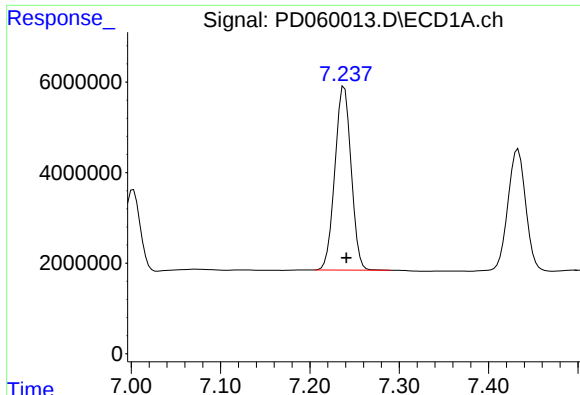
#20 Methoxychlor

R.T.: 7.002 min
Delta R.T.: -0.003 min
Response: 23496567
Conc: 48.10 ng/ml



#20 Methoxychlor

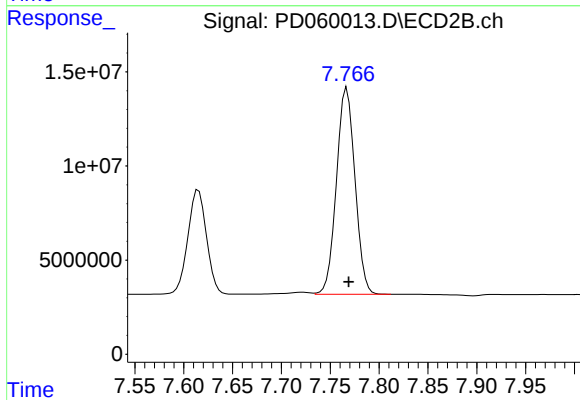
R.T.: 7.615 min
Delta R.T.: -0.002 min
Response: 73582344
Conc: 47.59 ng/ml



#21 Endrin ketone

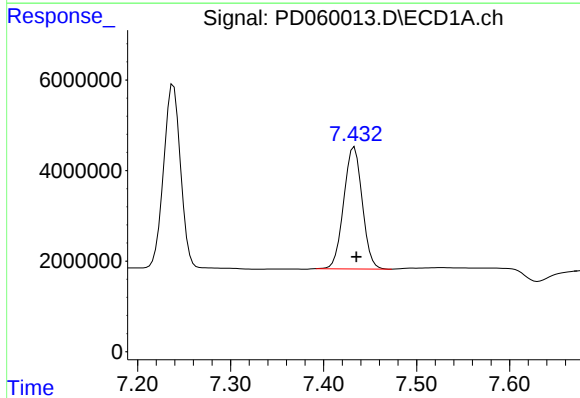
R.T.: 7.239 min
Delta R.T.: -0.002 min
Response: 51191356
Conc: 47.73 ng/ml

Instrument :
ECD_D
ClientSampleId :



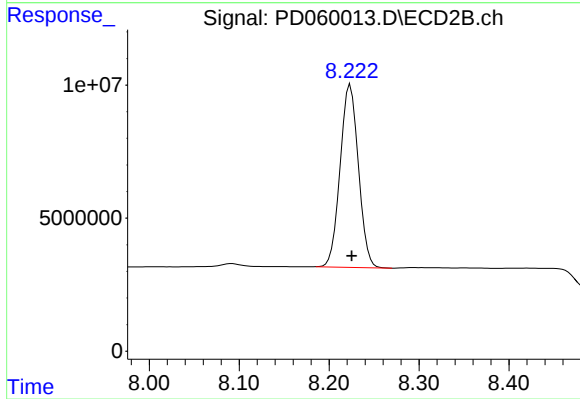
#21 Endrin ketone

R.T.: 7.767 min
Delta R.T.: -0.002 min
Response: 145001704
Conc: 46.95 ng/ml



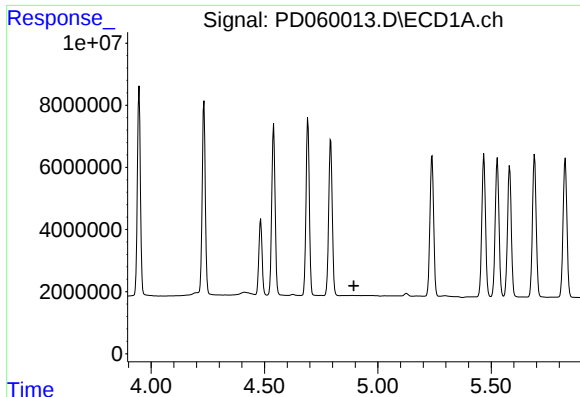
#22 Mirex

R.T.: 7.433 min
Delta R.T.: -0.002 min
Response: 37241430
Conc: 47.53 ng/ml



#22 Mirex

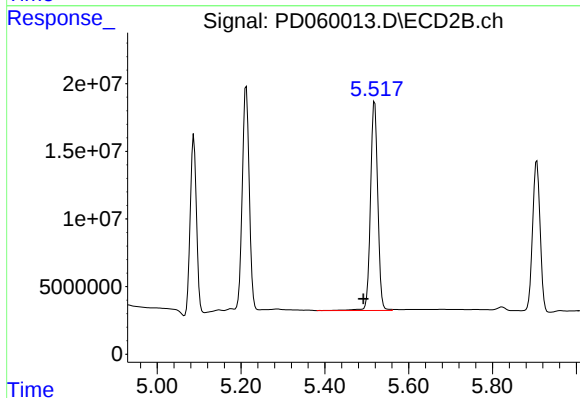
R.T.: 8.224 min
Delta R.T.: -0.002 min
Response: 96917799
Conc: 53.17 ng/ml



#24 Chlordane-2

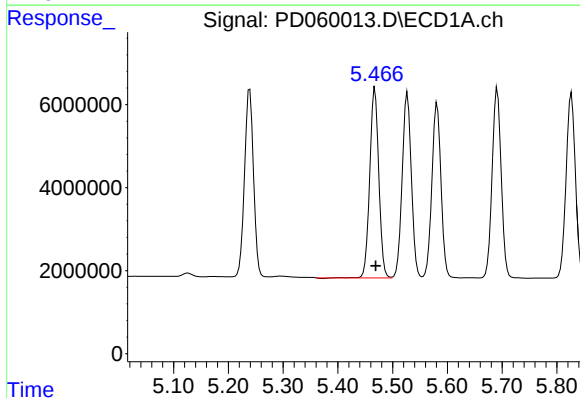
R.T.: 0.000 min
Exp R.T.: 4.893 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



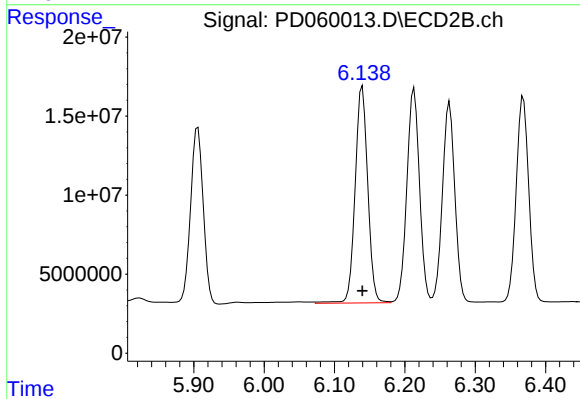
#24 Chlordane-2

R.T.: 5.519 min
Delta R.T.: 0.027 min
Response: 186832068
Conc: 1707.64 ng/ml



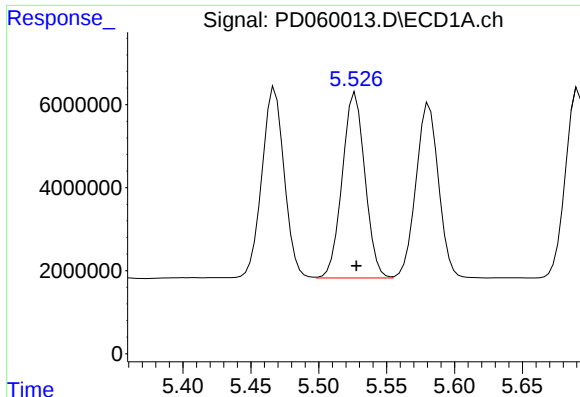
#25 Chlordane-3

R.T.: 5.468 min
Delta R.T.: -0.001 min
Response: 52349506
Conc: 570.35 ng/ml



#25 Chlordane-3

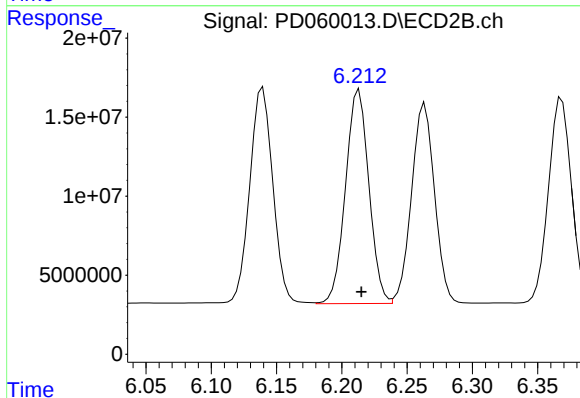
R.T.: 6.140 min
Delta R.T.: 0.000 min
Response: 171300335
Conc: 404.72 ng/ml



#26 Chlordane-4

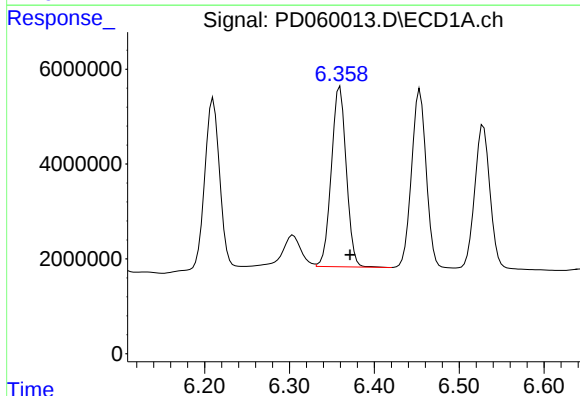
R.T.: 5.527 min
Delta R.T.: 0.000 min
Response: 51957493
Conc: 683.76 ng/ml

Instrument :
ECD_D
ClientSampleId :



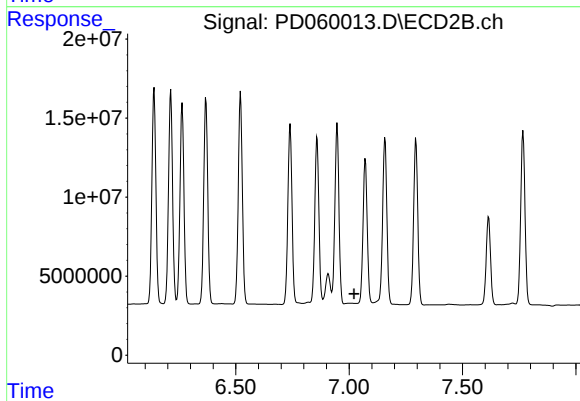
#26 Chlordane-4

R.T.: 6.213 min
Delta R.T.: -0.002 min
Response: 168788994
Conc: 336.99 ng/ml



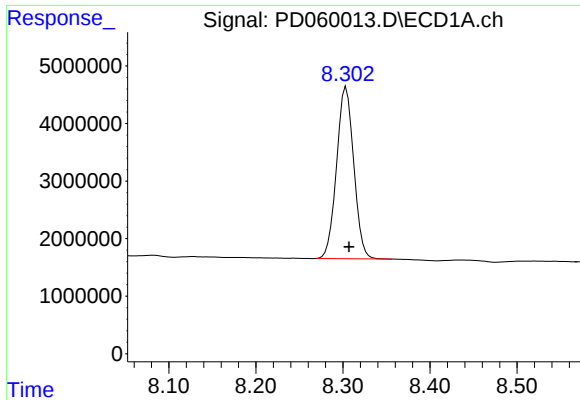
#27 Chlordane-5

R.T.: 6.359 min
Delta R.T.: -0.012 min
Response: 46483152
Conc: 1375.19 ng/ml



#27 Chlordane-5

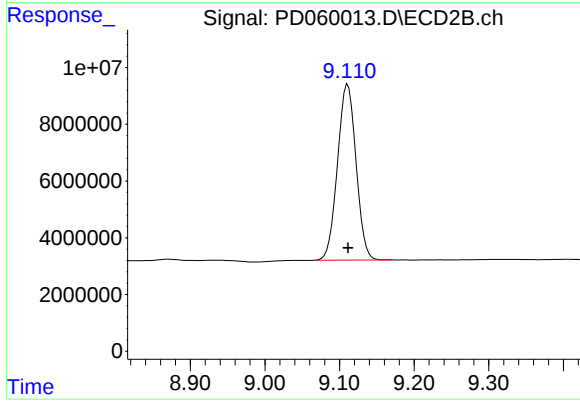
R.T.: 0.000 min
Exp R.T.: 7.021 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.304 min
Delta R.T.: -0.003 min
Response: 40897630
Conc: 48.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 107002727
Conc: 47.18 ng/ml