

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD012323\
 Data File : PD073716.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2023 15:36
 Operator : AR\AJ
 Sample : PCTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

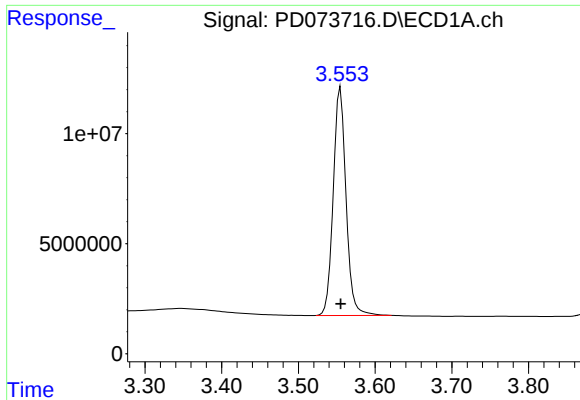
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 21:01:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD011823.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 19 02:45:26 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.555	2.777	120.1E6	64333759	51.399	50.534
28)	SA Decachlor...	9.105	7.936	124.4E6	53277042	44.137	45.792
Target Compounds							
2)	A alpha-BHC	4.011	3.281	212.1E6	97625227	53.401	57.297
3)	MA gamma-BHC...	4.345	3.611	192.9E6	87930674	52.544	58.458
4)	MA Heptachlor	4.938	3.953	188.6E6	75281129	50.802	56.219
5)	MB Aldrin	5.282	4.235	186.0E6	89671827	51.597	55.516
6)	B beta-BHC	4.539	3.907	77803936	37700964	50.153	56.889
7)	B delta-BHC	4.788	4.138	172.6E6	89435412	51.293	58.511
8)	B Heptachlo...	5.709	4.738	160.9E6	78061414	50.406	58.014
9)	A Endosulfan I	6.096	5.109	153.7E6	74567118	50.068	55.459
10)	B gamma-Chl...	5.966	4.990	167.2E6	81955747	50.789	55.376
11)	B alpha-Chl...	6.045	5.054	165.2E6	80684976	50.077	54.246
12)	B 4,4'-DDE	6.217	5.244	150.9E6	74926937	49.950	56.153
13)	MA Dieldrin	6.372	5.375	159.1E6	76599326	49.902	58.436
14)	MA Endrin	6.603	5.651	133.8E6	63298602	49.342	56.922
15)	B Endosulfa...	6.821	5.944	130.0E6	63832599	49.083	54.809
16)	A 4,4'-DDD	6.735	5.799	122.9E6	60404905	49.837	58.624
17)	MA 4,4'-DDT	7.050	6.051	132.3E6	55786790	47.536	54.160
18)	B Endrin al...	6.951	6.125	102.7E6	49770696	47.352	56.429
19)	B Endosulfa...	7.186	6.347	127.9E6	61244097	47.754	54.408
20)	A Methoxychlor	7.525	6.628	70760024	27735972	45.678	52.992
21)	B Endrin ke...	7.673	6.854	143.0E6	70978281	47.302	55.397
22)	Mirex	8.150	7.040	104.8E6	53964366	45.609	51.384
24)	Chlordane-2	5.282f	0.000	186.0E6	0	1470.135	N.D. #
25)	Chlordane-3	5.966	4.990	167.2E6	81955747	357.156	567.702 #
26)	Chlordane-4	6.045	5.054	165.2E6	80684976	288.592	578.839 #
27)	Chlordane-5	0.000	5.944	0	63832599	N.D.	1270.291 #

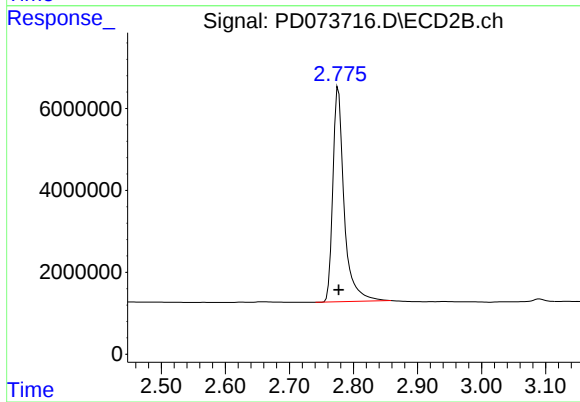
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

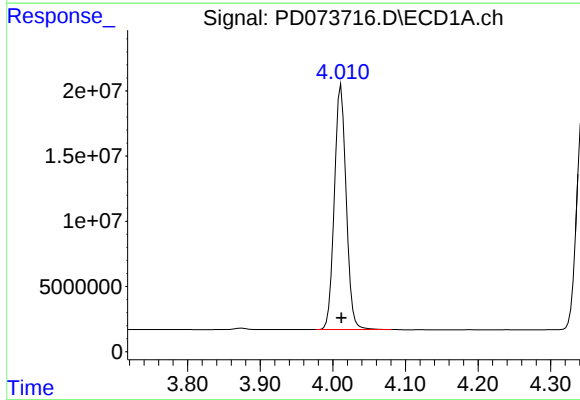
R.T.: 3.555 min
Delta R.T.: 0.000 min
Response: 120145967
Conc: 51.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



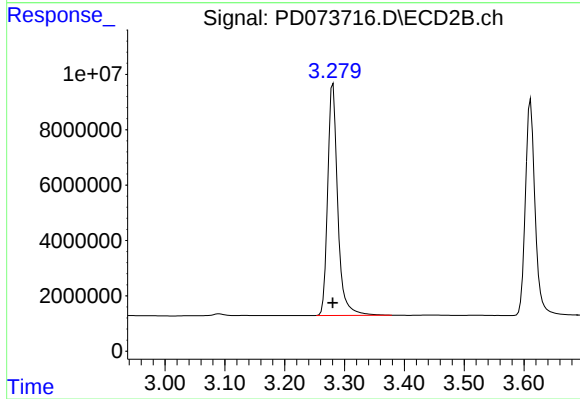
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 64333759
Conc: 50.53 ng/ml



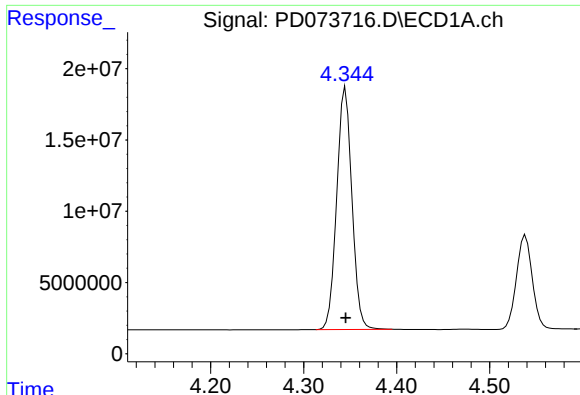
#2 alpha-BHC

R.T.: 4.011 min
Delta R.T.: 0.000 min
Response: 212097575
Conc: 53.40 ng/ml



#2 alpha-BHC

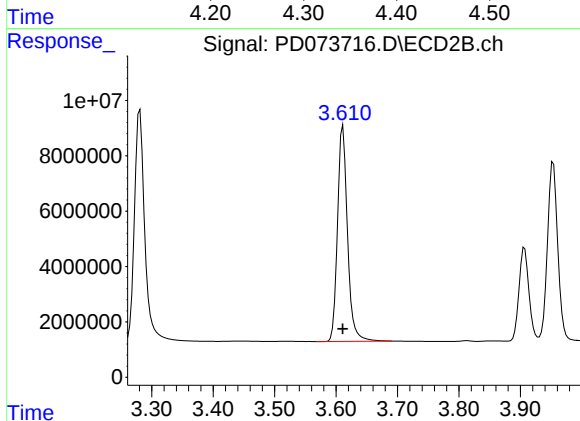
R.T.: 3.281 min
Delta R.T.: 0.000 min
Response: 97625227
Conc: 57.30 ng/ml



#3 gamma-BHC (Lindane)

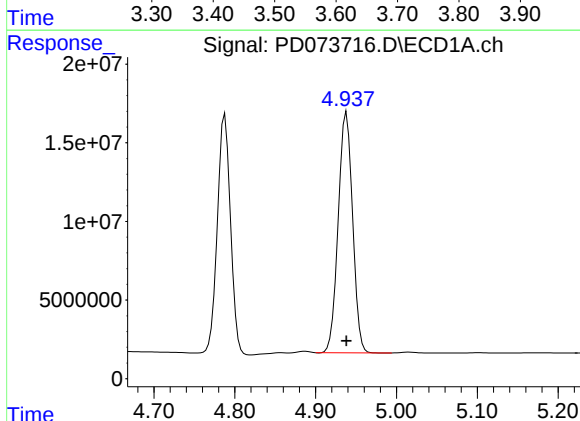
R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 192918145
Conc: 52.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



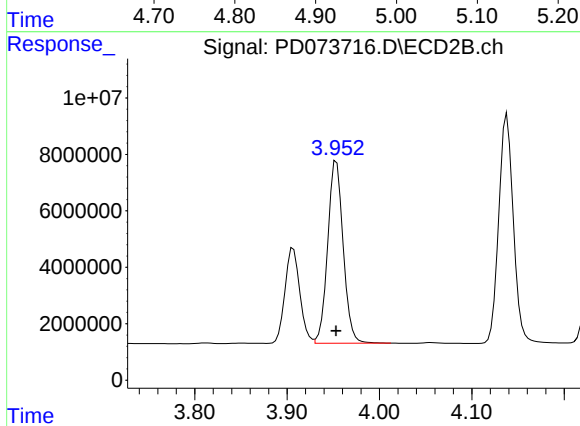
#3 gamma-BHC (Lindane)

R.T.: 3.611 min
Delta R.T.: 0.000 min
Response: 87930674
Conc: 58.46 ng/ml



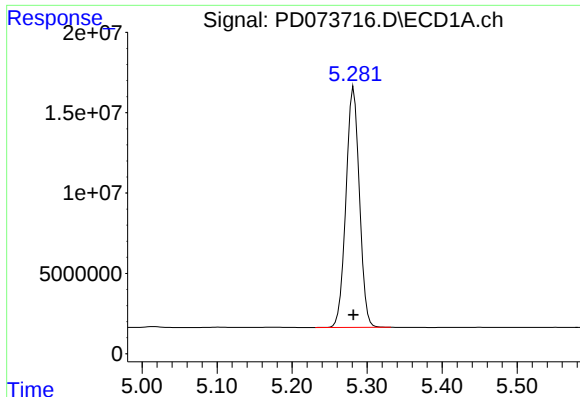
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 188645833
Conc: 50.80 ng/ml



#4 Heptachlor

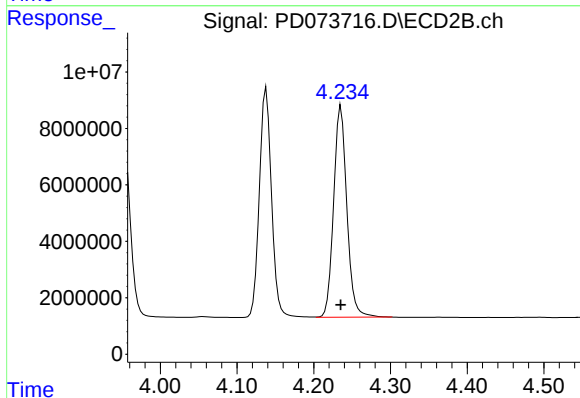
R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 75281129
Conc: 56.22 ng/ml



#5 Aldrin

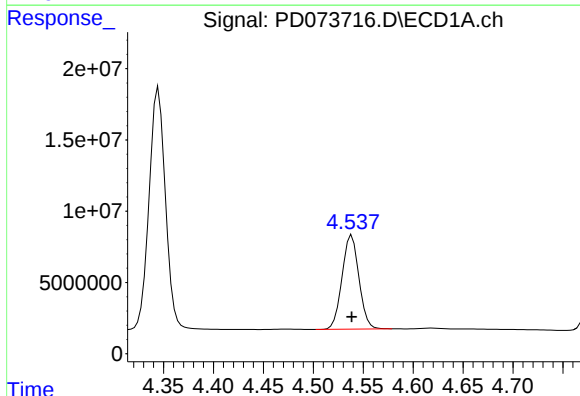
R.T.: 5.282 min
Delta R.T.: 0.000 min
Response: 185995418
Conc: 51.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



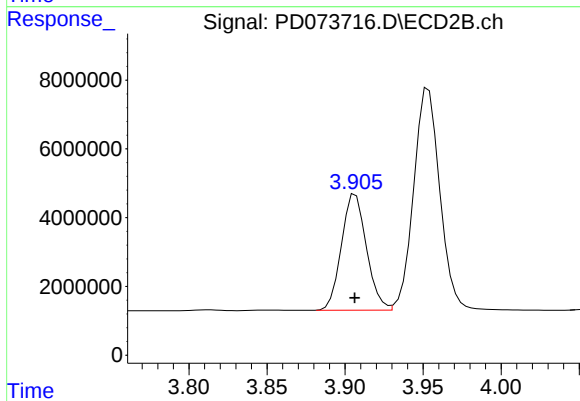
#5 Aldrin

R.T.: 4.235 min
Delta R.T.: 0.000 min
Response: 89671827
Conc: 55.52 ng/ml



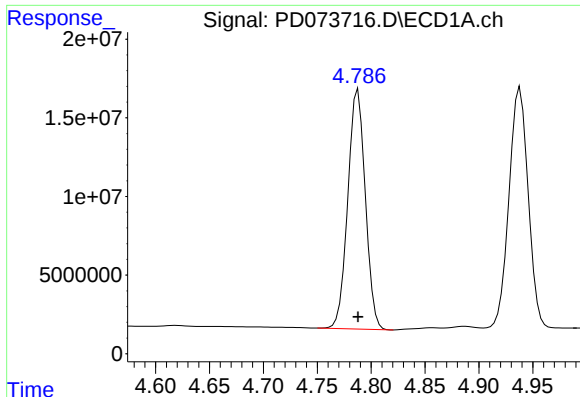
#6 beta-BHC

R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 77803936
Conc: 50.15 ng/ml



#6 beta-BHC

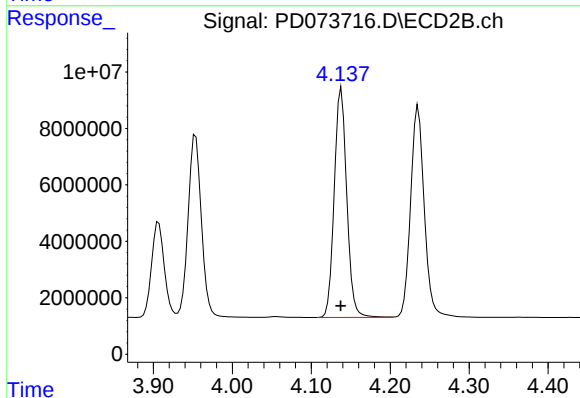
R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 37700964
Conc: 56.89 ng/ml



#7 delta-BHC

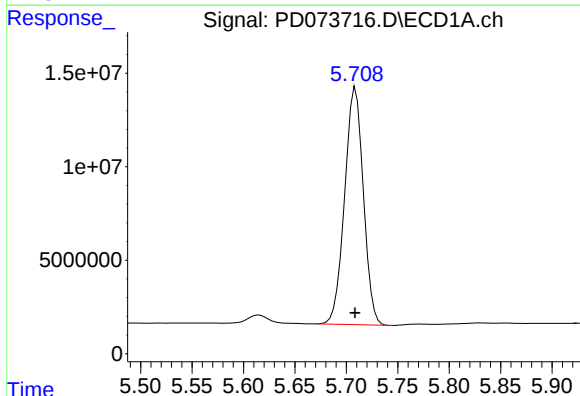
R.T.: 4.788 min
Delta R.T.: 0.000 min
Response: 172604206
Conc: 51.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



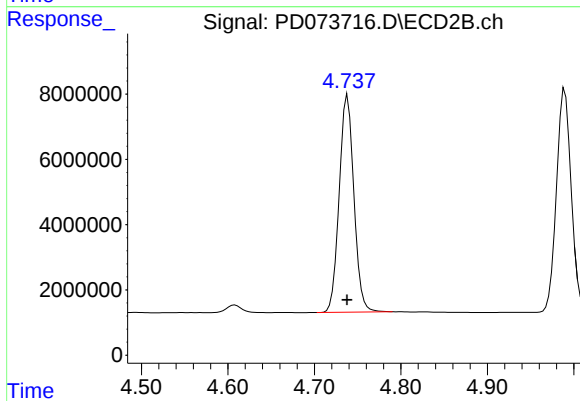
#7 delta-BHC

R.T.: 4.138 min
Delta R.T.: 0.000 min
Response: 89435412
Conc: 58.51 ng/ml



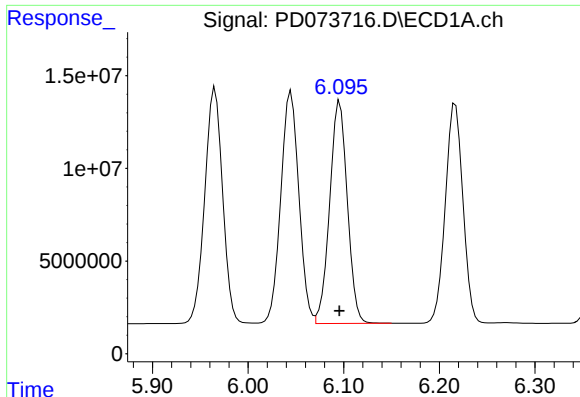
#8 Heptachlor epoxide

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 160862651
Conc: 50.41 ng/ml



#8 Heptachlor epoxide

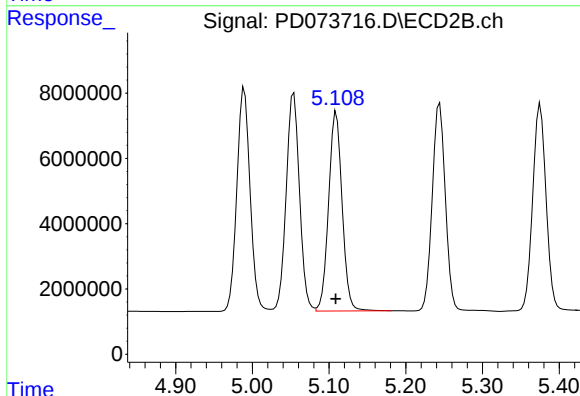
R.T.: 4.738 min
Delta R.T.: 0.000 min
Response: 78061414
Conc: 58.01 ng/ml



#9 Endosulfan I

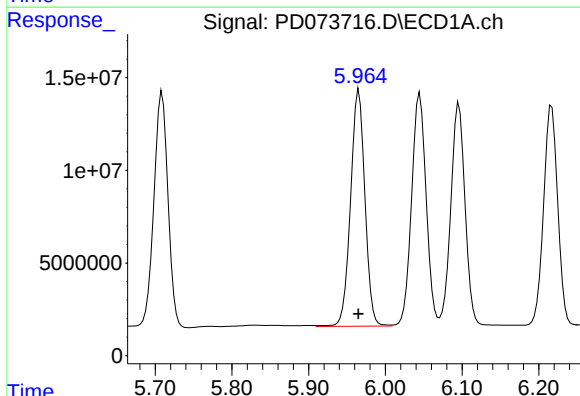
R.T.: 6.096 min
Delta R.T.: 0.000 min
Response: 153743164
Conc: 50.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



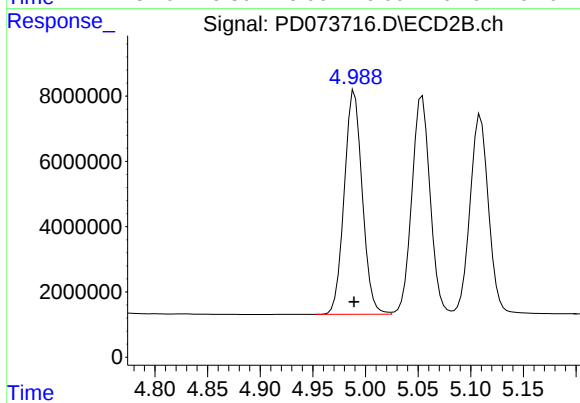
#9 Endosulfan I

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 74567118
Conc: 55.46 ng/ml



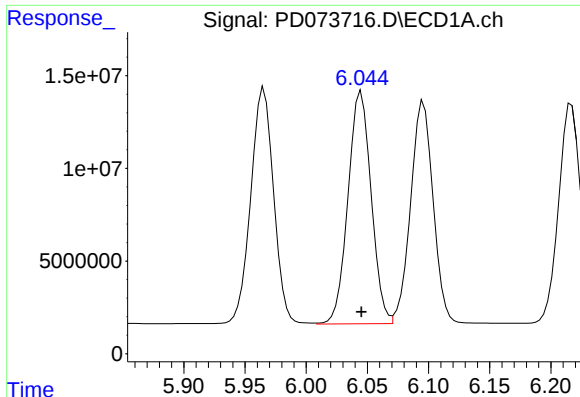
#10 gamma-Chlordane

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 167218892
Conc: 50.79 ng/ml



#10 gamma-Chlordane

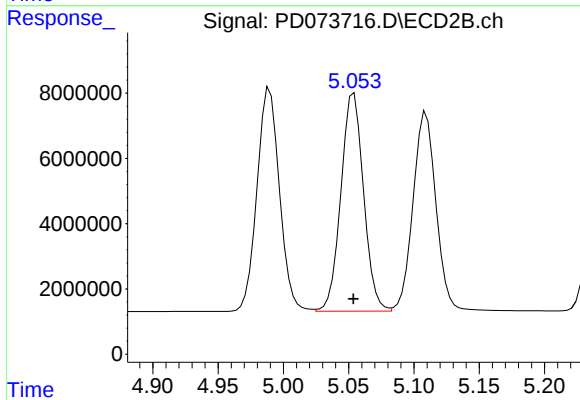
R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 81955747
Conc: 55.38 ng/ml



#11 alpha-Chlordane

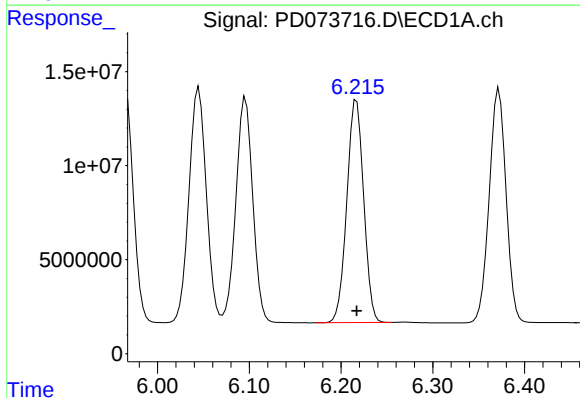
R.T.: 6.045 min
Delta R.T.: 0.000 min
Response: 165195203
Conc: 50.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



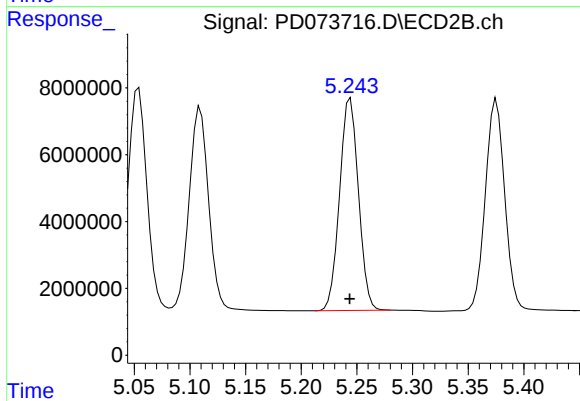
#11 alpha-Chlordane

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 80684976
Conc: 54.25 ng/ml



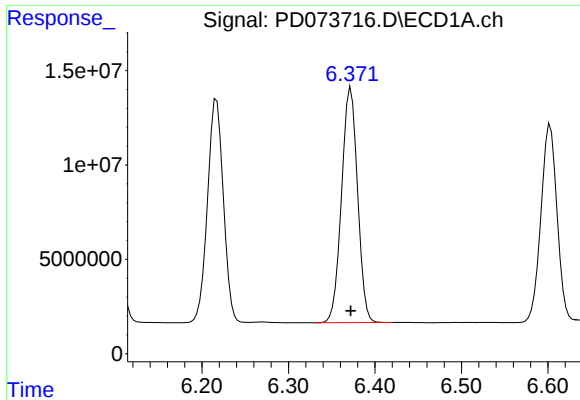
#12 4,4'-DDE

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 150864630
Conc: 49.95 ng/ml



#12 4,4'-DDE

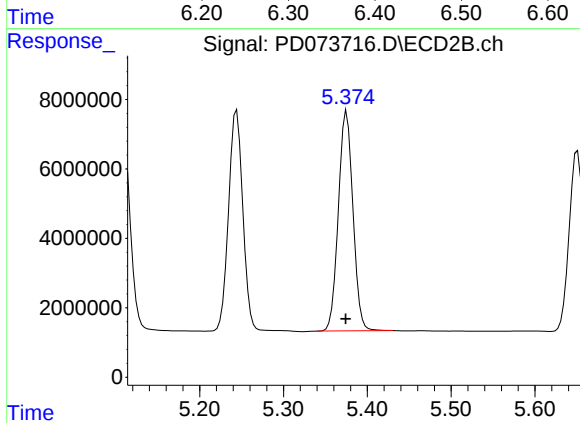
R.T.: 5.244 min
Delta R.T.: 0.000 min
Response: 74926937
Conc: 56.15 ng/ml



#13 Dieldrin

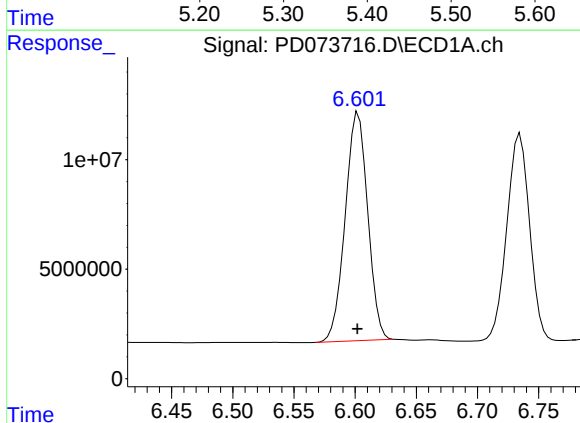
R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 159111841
Conc: 49.90 ng/ml

Instrument :
ECD_D
ClientSampleId :



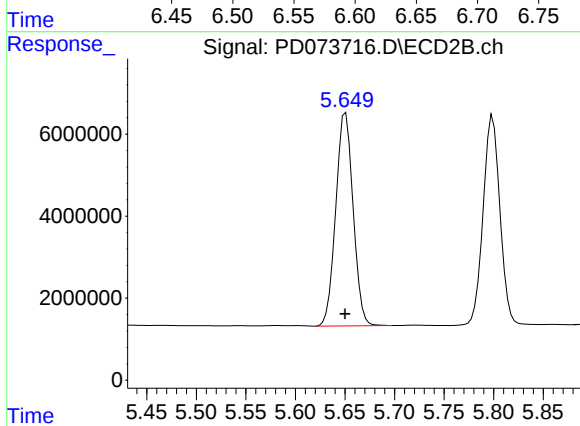
#13 Dieldrin

R.T.: 5.375 min
Delta R.T.: 0.001 min
Response: 76599326
Conc: 58.44 ng/ml



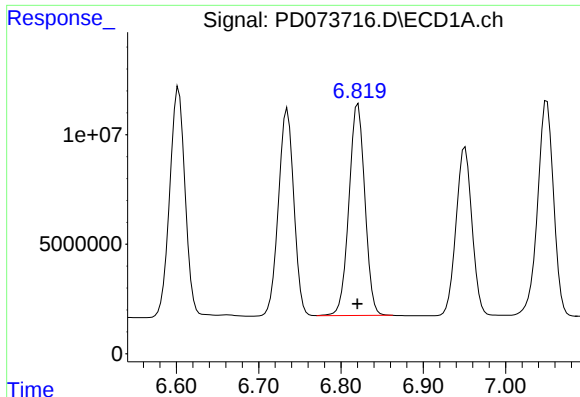
#14 Endrin

R.T.: 6.603 min
Delta R.T.: 0.000 min
Response: 133766264
Conc: 49.34 ng/ml



#14 Endrin

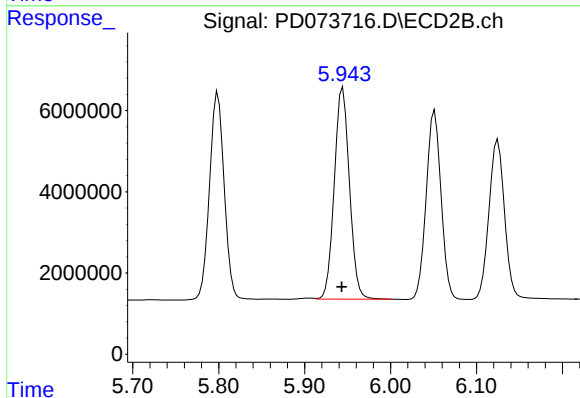
R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 63298602
Conc: 56.92 ng/ml



#15 Endosulfan II

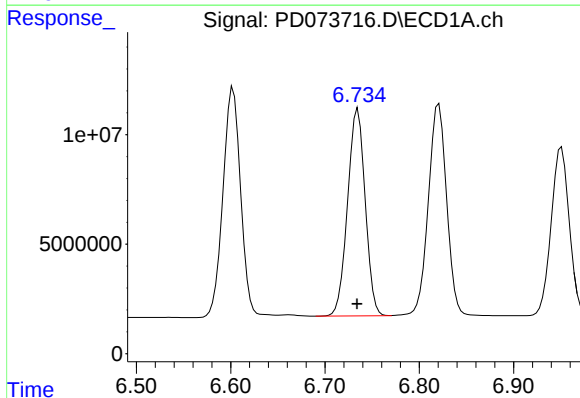
R.T.: 6.821 min
Delta R.T.: 0.000 min
Response: 129976329
Conc: 49.08 ng/ml

Instrument :
ECD_D
ClientSampleId :



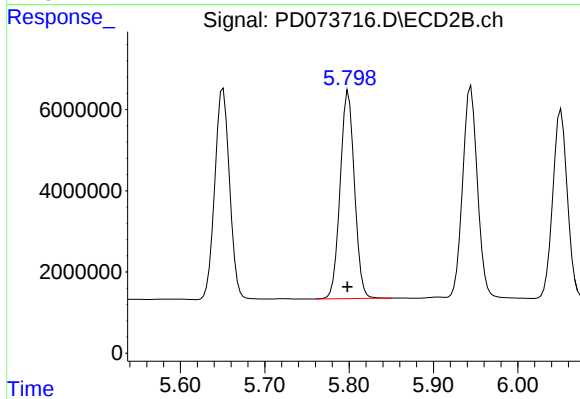
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: 0.001 min
Response: 63832599
Conc: 54.81 ng/ml



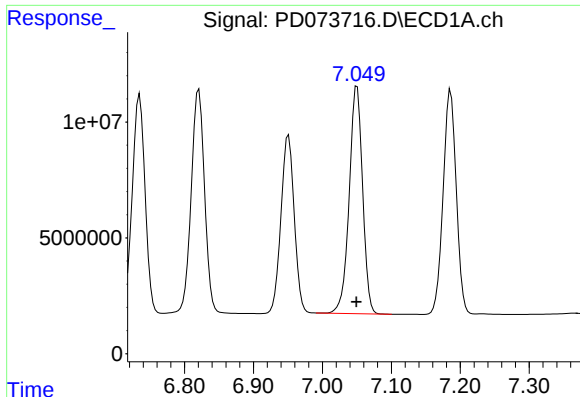
#16 4,4'-DDD

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 122913491
Conc: 49.84 ng/ml



#16 4,4'-DDD

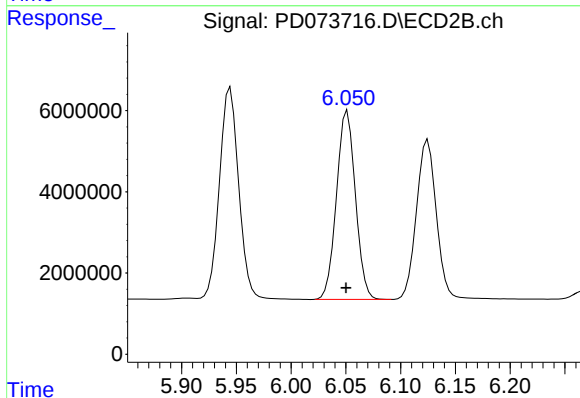
R.T.: 5.799 min
Delta R.T.: 0.001 min
Response: 60404905
Conc: 58.62 ng/ml



#17 4,4'-DDT

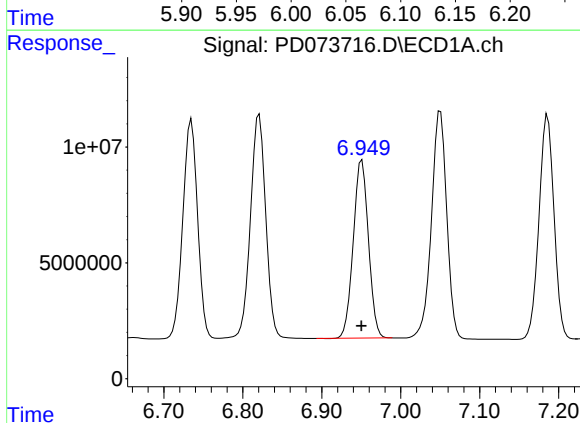
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 132345587
Conc: 47.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



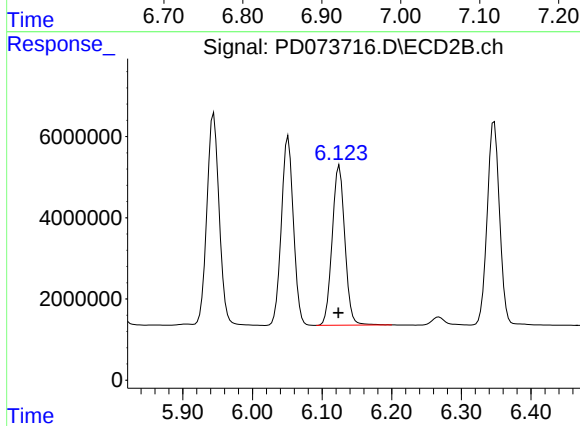
#17 4,4'-DDT

R.T.: 6.051 min
Delta R.T.: 0.001 min
Response: 55786790
Conc: 54.16 ng/ml



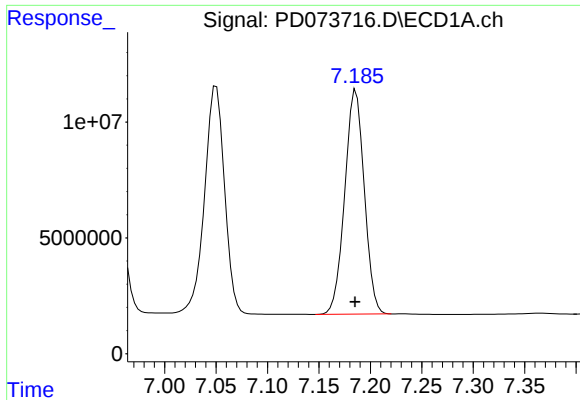
#18 Endrin aldehyde

R.T.: 6.951 min
Delta R.T.: 0.000 min
Response: 102719540
Conc: 47.35 ng/ml



#18 Endrin aldehyde

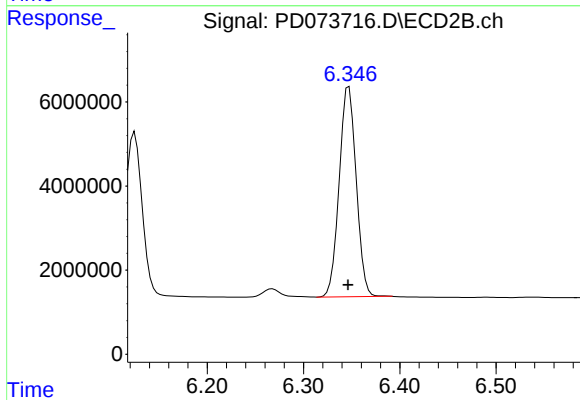
R.T.: 6.125 min
Delta R.T.: 0.002 min
Response: 49770696
Conc: 56.43 ng/ml



#19 Endosulfan Sulfate

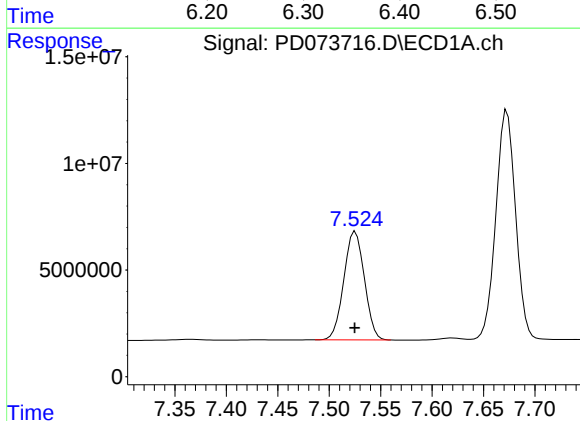
R.T.: 7.186 min
Delta R.T.: 0.000 min
Response: 127865060
Conc: 47.75 ng/ml

Instrument :
ECD_D
ClientSampleId :



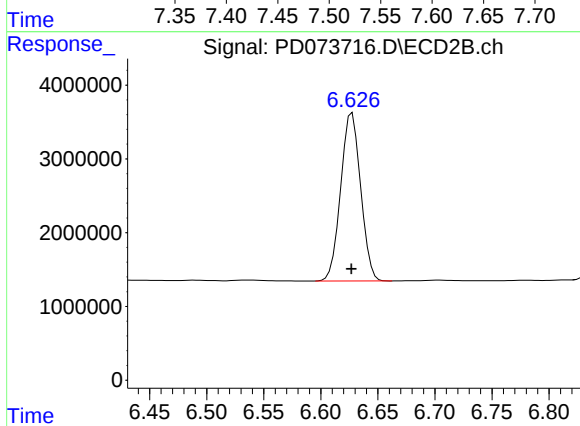
#19 Endosulfan Sulfate

R.T.: 6.347 min
Delta R.T.: 0.001 min
Response: 61244097
Conc: 54.41 ng/ml



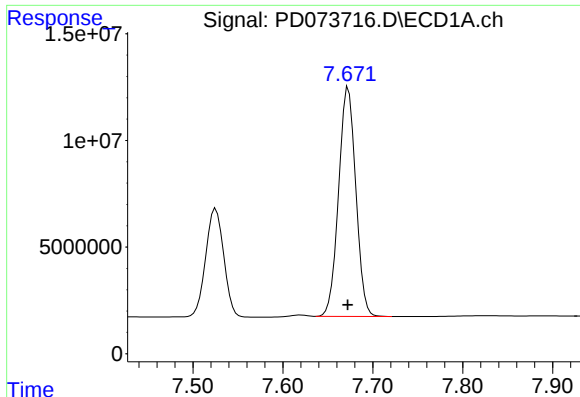
#20 Methoxychlor

R.T.: 7.525 min
Delta R.T.: 0.000 min
Response: 70760024
Conc: 45.68 ng/ml



#20 Methoxychlor

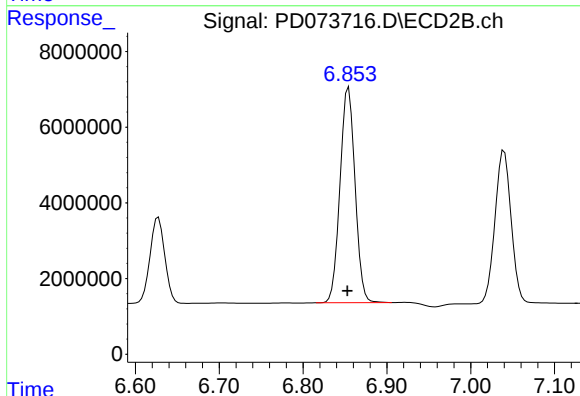
R.T.: 6.628 min
Delta R.T.: 0.000 min
Response: 27735972
Conc: 52.99 ng/ml



#21 Endrin ketone

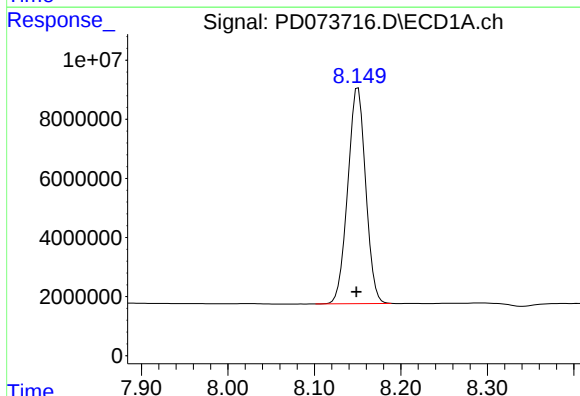
R.T.: 7.673 min
Delta R.T.: 0.000 min
Response: 143036661
Conc: 47.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



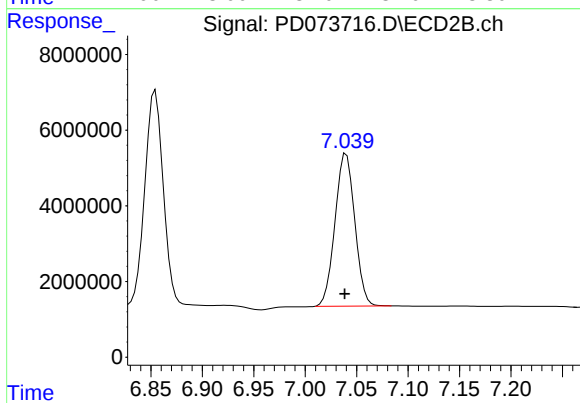
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: 0.001 min
Response: 70978281
Conc: 55.40 ng/ml



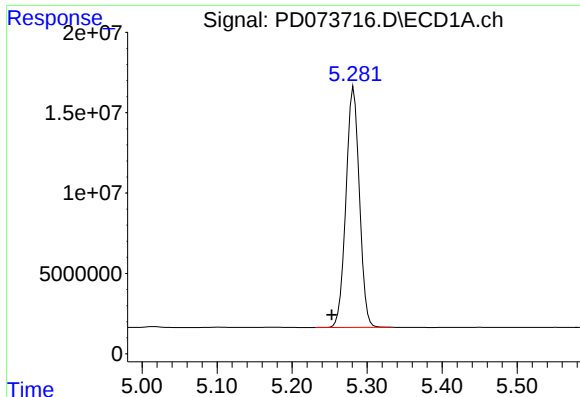
#22 Mirex

R.T.: 8.150 min
Delta R.T.: 0.002 min
Response: 104801238
Conc: 45.61 ng/ml



#22 Mirex

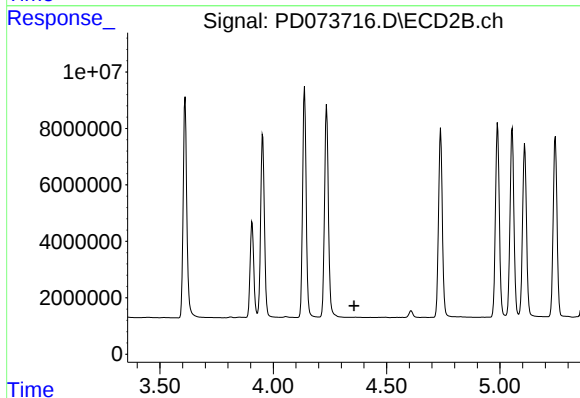
R.T.: 7.040 min
Delta R.T.: 0.001 min
Response: 53964366
Conc: 51.38 ng/ml



#24 Chlordane-2

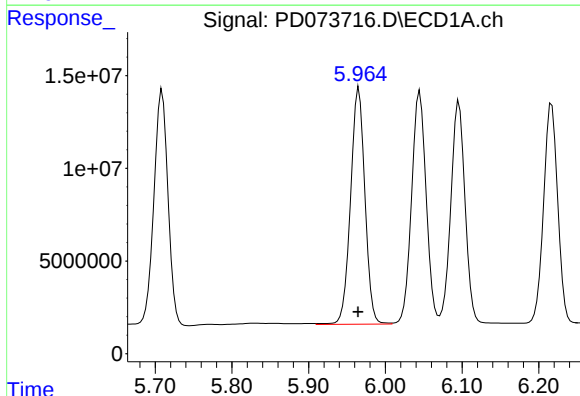
R.T.: 5.282 min
Delta R.T.: 0.029 min
Response: 185995418
Conc: 1470.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



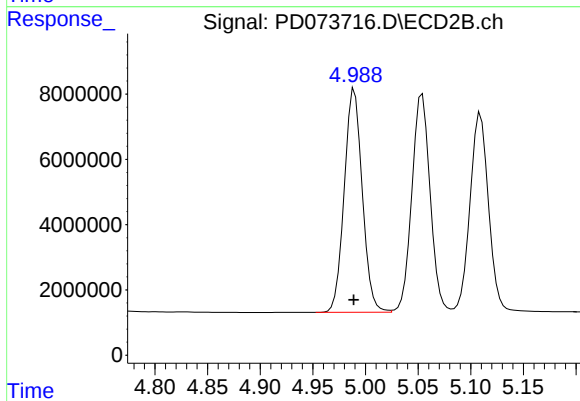
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.357 min
Response: 0
Conc: N.D.



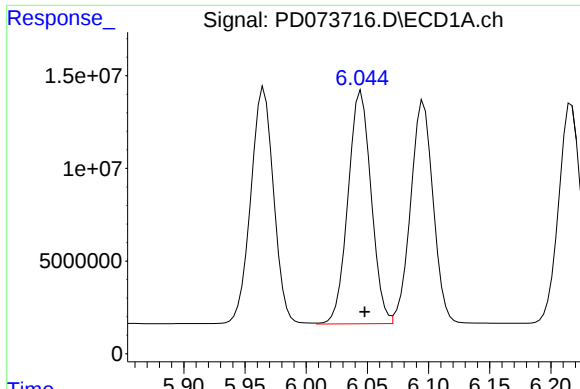
#25 Chlordane-3

R.T.: 5.966 min
Delta R.T.: 0.000 min
Response: 167218892
Conc: 357.16 ng/ml



#25 Chlordane-3

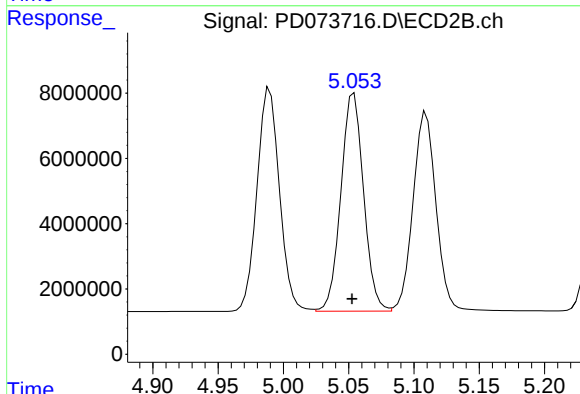
R.T.: 4.990 min
Delta R.T.: 0.000 min
Response: 81955747
Conc: 567.70 ng/ml



#26 Chlordane-4

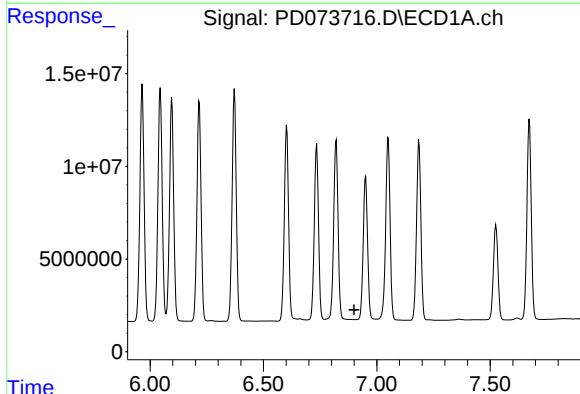
R.T.: 6.045 min
Delta R.T.: -0.003 min
Response: 165195203
Conc: 288.59 ng/ml

Instrument :
ECD_D
ClientSampleId :



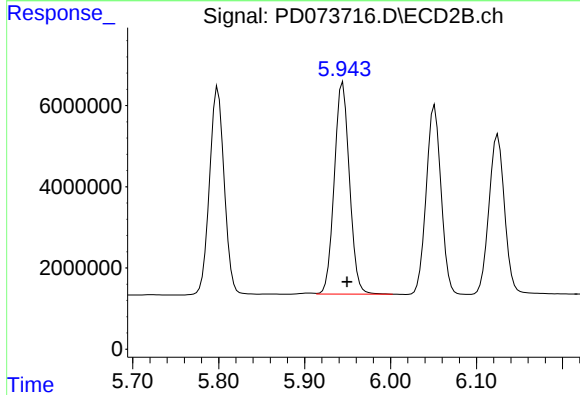
#26 Chlordane-4

R.T.: 5.054 min
Delta R.T.: 0.001 min
Response: 80684976
Conc: 578.84 ng/ml



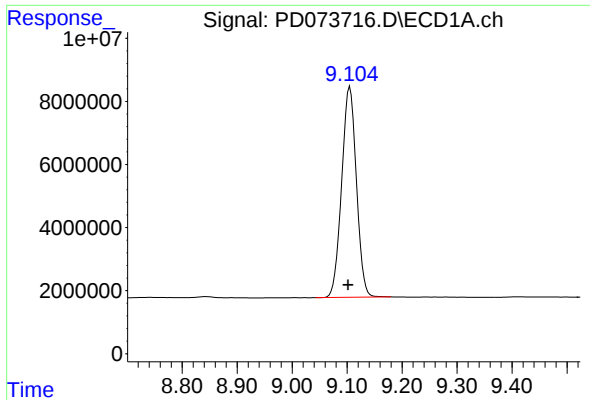
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.900 min
Response: 0
Conc: N.D.



#27 Chlordane-5

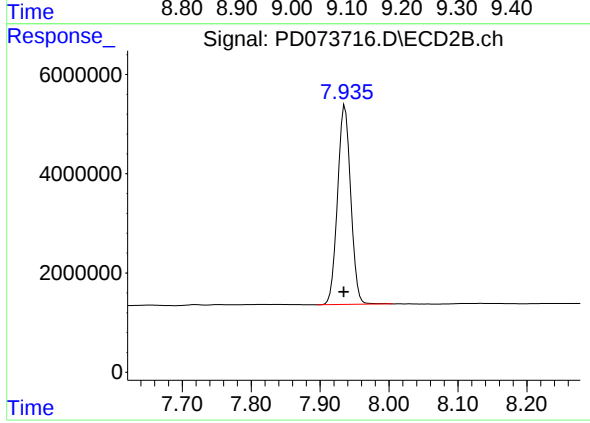
R.T.: 5.944 min
Delta R.T.: -0.005 min
Response: 63832599
Conc: 1270.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.105 min
Delta R.T.: 0.004 min
Response: 124380962
Conc: 44.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.936 min
Delta R.T.: 0.002 min
Response: 53277042
Conc: 45.79 ng/ml