

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082123\
 Data File : PD077298.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2023 22:37
 Operator : AR\AJ
 Sample : PB154966BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

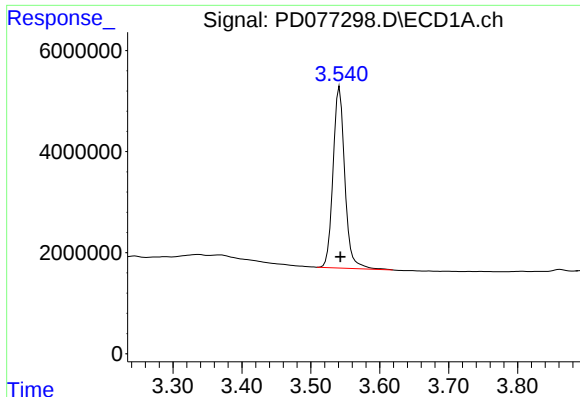
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 22 05:50:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD080323.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 03 14:17:41 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.542	2.781f	42309682	35456092	17.879	26.030 #
28)	SA Decachlor...	9.082	7.921f	55671486	28724185	20.317	20.072
Target Compounds							
2)	A alpha-BHC	3.999	3.282f	201.7E6	103.9E6	52.528	53.709
3)	MA gamma-BHC...	4.332	3.612f	186.0E6	96423766	50.539	51.831
4)	MA Heptachlor	4.923	3.951f	195.0E6	98970711	54.076	54.479
5)	MB Aldrin	5.266	4.231f	188.8E6	94673516	51.074	51.130
6)	B beta-BHC	4.529	3.910f	75439213	39778292	50.131	52.141
7)	B delta-BHC	4.777	4.139f	184.4E6	94686921	52.852	53.217
8)	B Heptachlo...	5.693	4.733f	172.2E6	87913974	52.018	52.572
9)	A Endosulfan I	6.080	5.103f	159.0E6	80661465	52.328	51.707
10)	B gamma-Chl...	5.950	4.984f	170.5E6	88631488	52.390	53.431
11)	B alpha-Chl...	6.029	5.047f	169.0E6	87857157	51.526	52.610
12)	B 4,4'-DDE	6.202	5.236f	155.3E6	79228131	52.345	54.634
13)	MA Dieldrin	6.356	5.368f	165.8E6	89680769	50.651	53.237
14)	MA Endrin	6.586	5.644f	139.7E6	78318063	50.269	53.524
15)	B Endosulfa...	6.806	5.938f	133.4E6	71796950	41.938	48.707
16)	A 4,4'-DDD	6.720	5.791f	126.3E6	65755858	53.689	59.129
17)	MA 4,4'-DDT	7.035	6.042f	129.2E6	65615275	53.150	59.029
18)	B Endrin al...	6.936	6.117f	107.5E6	58180756	49.201	51.108
19)	B Endosulfa...	7.171	6.341f	131.2E6	72590102	50.344	54.427
20)	A Methoxychlor	7.511	6.617f	65319785	34653998	46.102	57.956 #
21)	B Endrin ke...	7.657	6.847f	151.1E6	88351323	50.177	55.725
22)	Mirex	8.132	7.028f	112.6E6	63468892	49.377	49.018
24)	Chlordane-2	5.266f	4.325	188.8E6	-306531	1556.415	N.D. #
25)	Chlordane-3	5.950	4.984f	170.5E6	88631488	360.017	543.161 #
26)	Chlordane-4	6.029	5.047f	169.0E6	87857157	292.105	545.387 #
27)	Chlordane-5	0.000	5.938	0	71796950	N.D.	1201.728 #

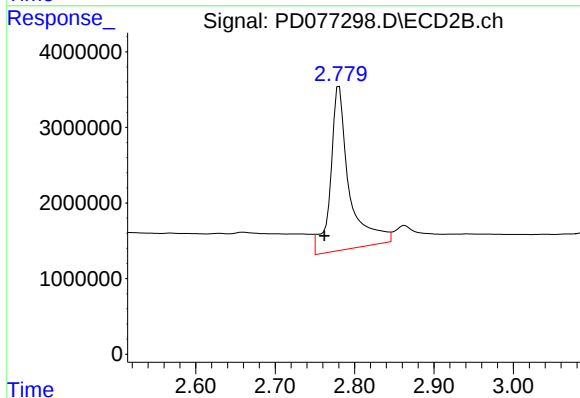
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

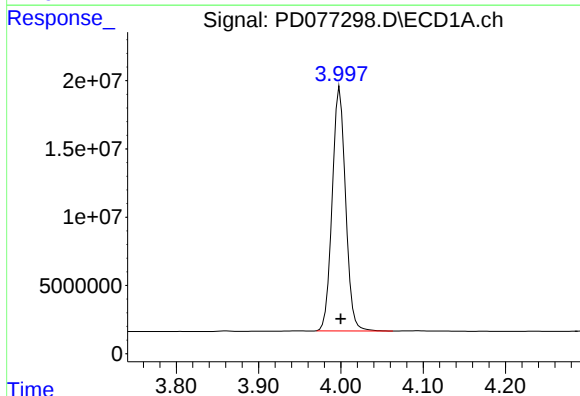
R.T.: 3.542 min
Delta R.T.: -0.001 min
Response: 42309682
Conc: 17.88 ng/ml

Instrument :
ECD_D
ClientSampleId :



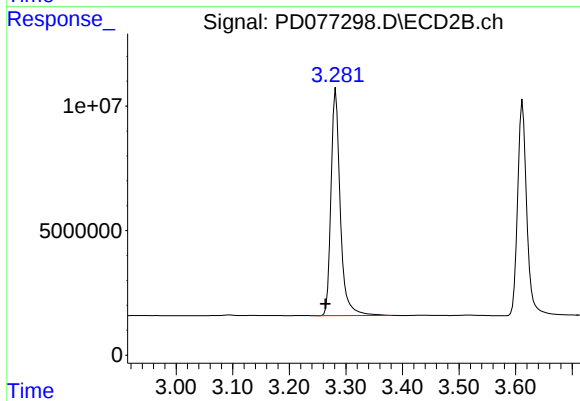
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: 0.019 min
Response: 35456092
Conc: 26.03 ng/ml



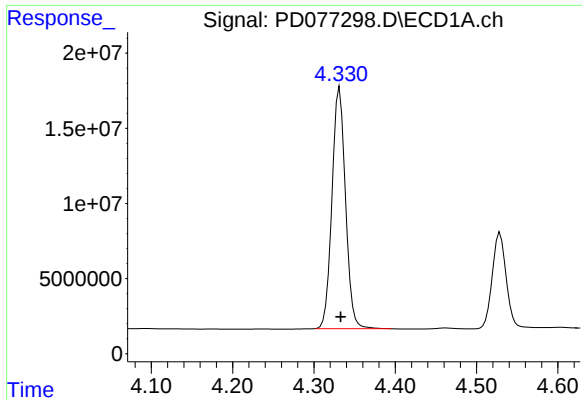
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 201690442
Conc: 52.53 ng/ml



#2 alpha-BHC

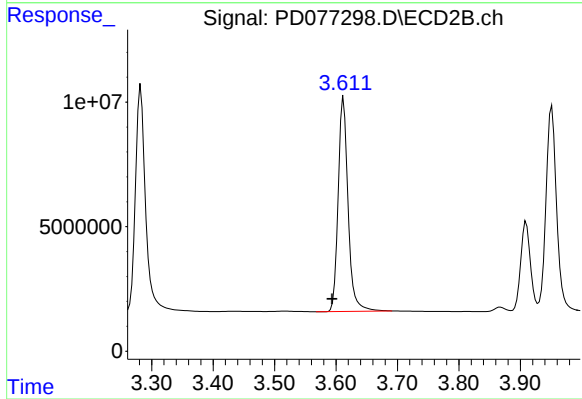
R.T.: 3.282 min
Delta R.T.: 0.018 min
Response: 103891673
Conc: 53.71 ng/ml



#3 gamma-BHC (Lindane)

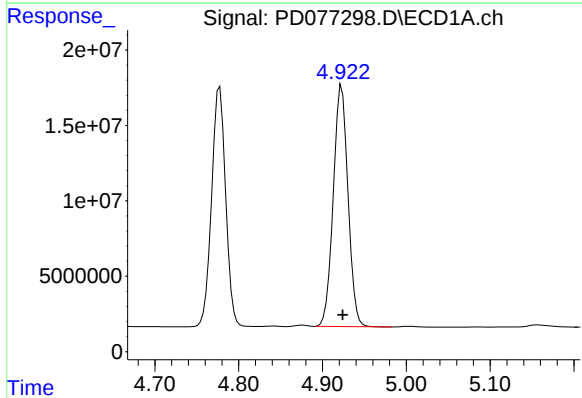
R.T.: 4.332 min
Delta R.T.: -0.001 min
Response: 186019221
Conc: 50.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



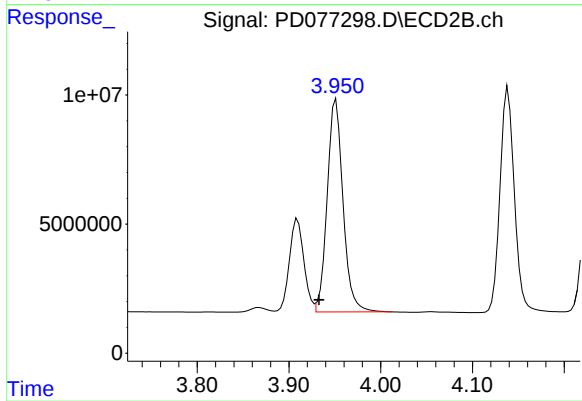
#3 gamma-BHC (Lindane)

R.T.: 3.612 min
Delta R.T.: 0.019 min
Response: 96423766
Conc: 51.83 ng/ml



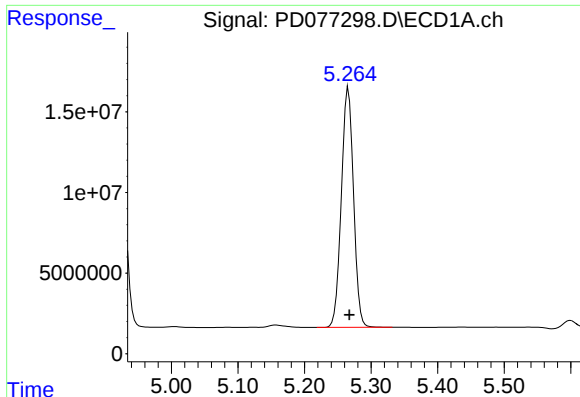
#4 Heptachlor

R.T.: 4.923 min
Delta R.T.: -0.001 min
Response: 194998457
Conc: 54.08 ng/ml



#4 Heptachlor

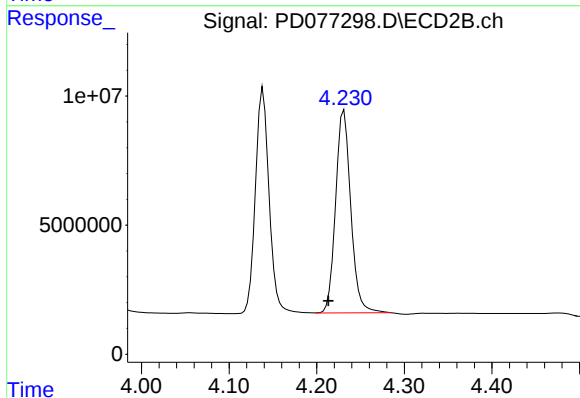
R.T.: 3.951 min
Delta R.T.: 0.018 min
Response: 98970711
Conc: 54.48 ng/ml



#5 Aldrin

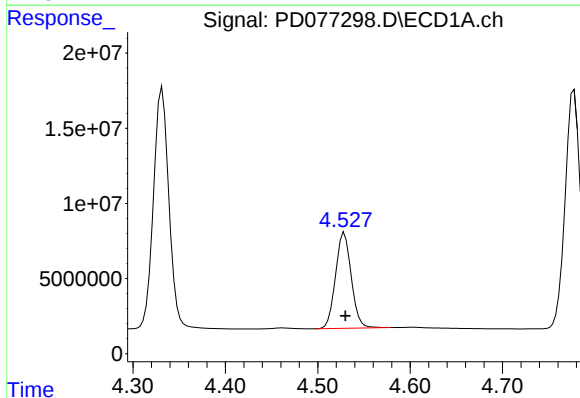
R.T.: 5.266 min
Delta R.T.: -0.002 min
Response: 188750146
Conc: 51.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



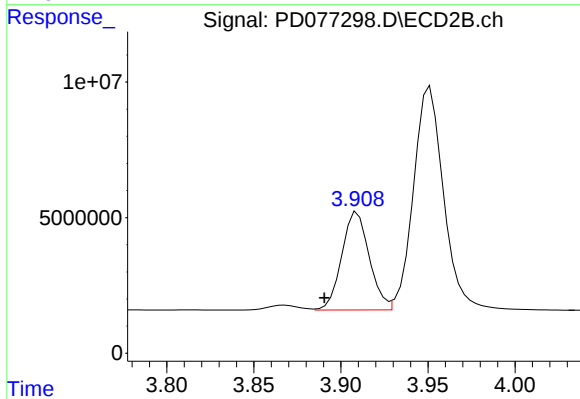
#5 Aldrin

R.T.: 4.231 min
Delta R.T.: 0.018 min
Response: 94673516
Conc: 51.13 ng/ml



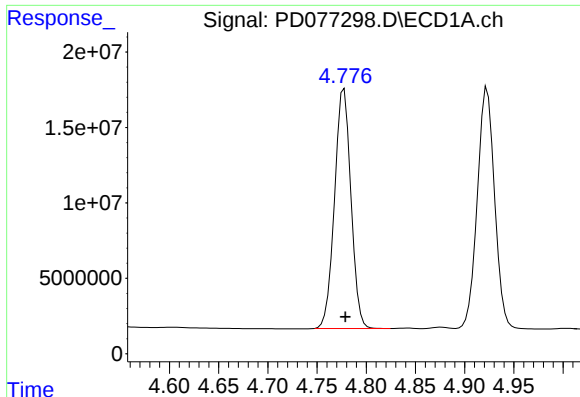
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: -0.001 min
Response: 75439213
Conc: 50.13 ng/ml



#6 beta-BHC

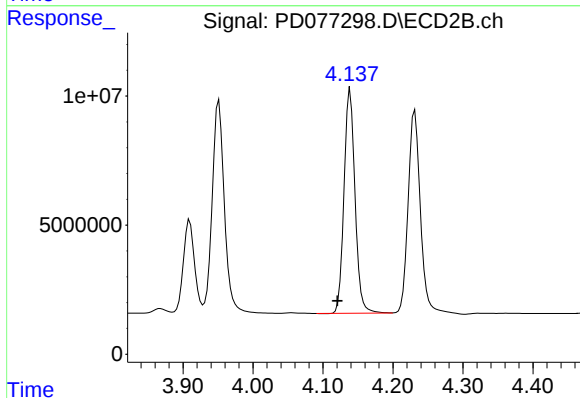
R.T.: 3.910 min
Delta R.T.: 0.019 min
Response: 39778292
Conc: 52.14 ng/ml



#7 delta-BHC

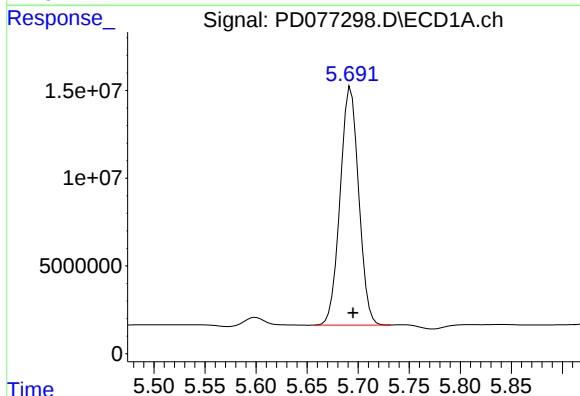
R.T.: 4.777 min
Delta R.T.: -0.001 min
Response: 184381865
Conc: 52.85 ng/ml

Instrument :
ECD_D
ClientSampleId :



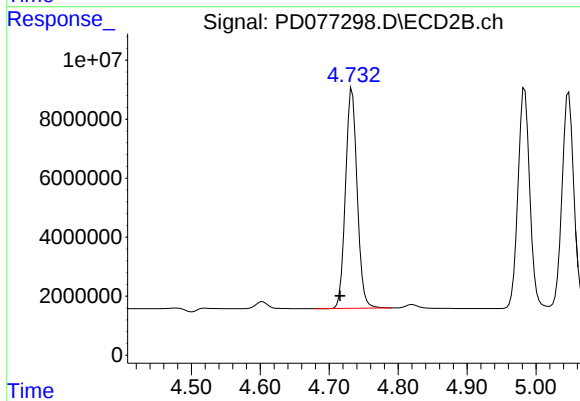
#7 delta-BHC

R.T.: 4.139 min
Delta R.T.: 0.018 min
Response: 94686921
Conc: 53.22 ng/ml



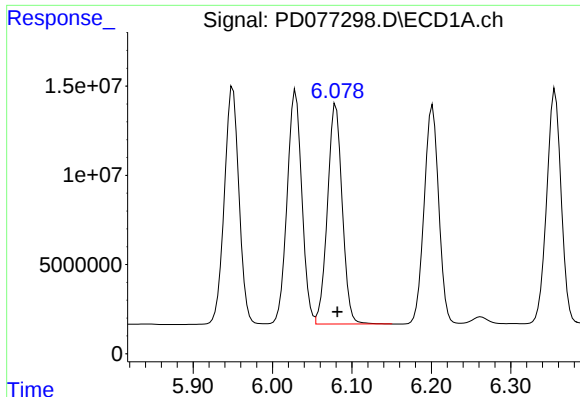
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: -0.002 min
Response: 172238739
Conc: 52.02 ng/ml



#8 Heptachlor epoxide

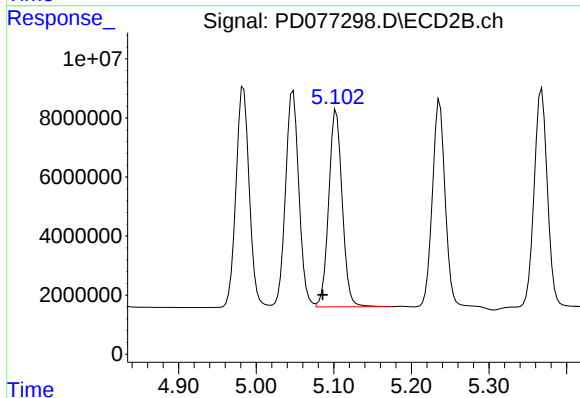
R.T.: 4.733 min
Delta R.T.: 0.018 min
Response: 87913974
Conc: 52.57 ng/ml



#9 Endosulfan I

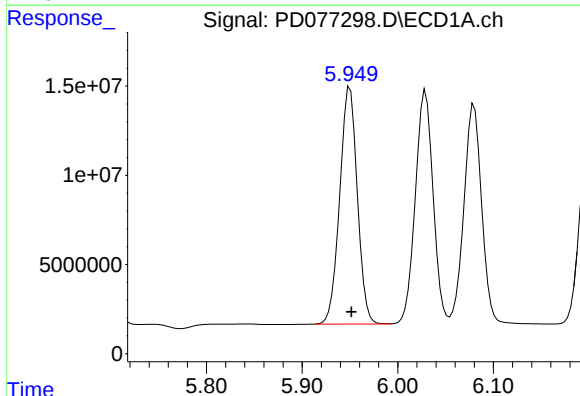
R.T.: 6.080 min
Delta R.T.: -0.002 min
Response: 159033160
Conc: 52.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



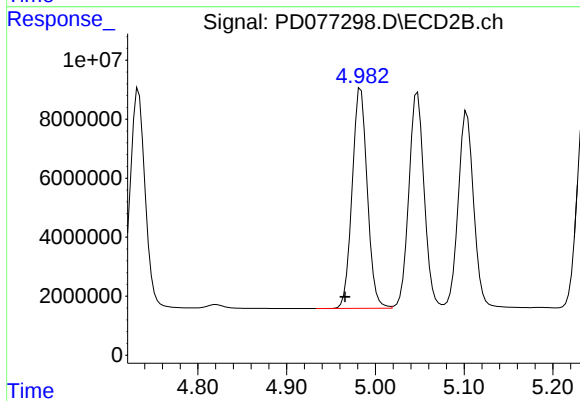
#9 Endosulfan I

R.T.: 5.103 min
Delta R.T.: 0.018 min
Response: 80661465
Conc: 51.71 ng/ml



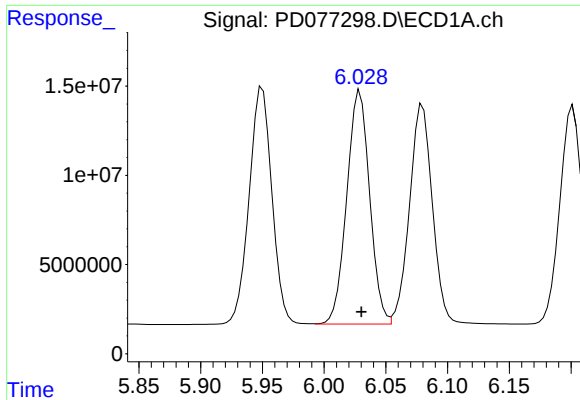
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 170513293
Conc: 52.39 ng/ml



#10 gamma-Chlordane

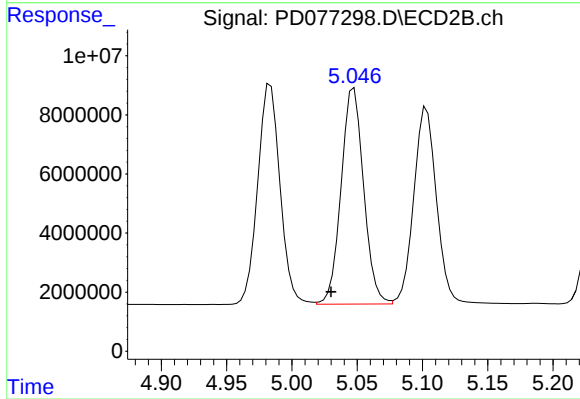
R.T.: 4.984 min
Delta R.T.: 0.018 min
Response: 88631488
Conc: 53.43 ng/ml



#11 alpha-Chlordane

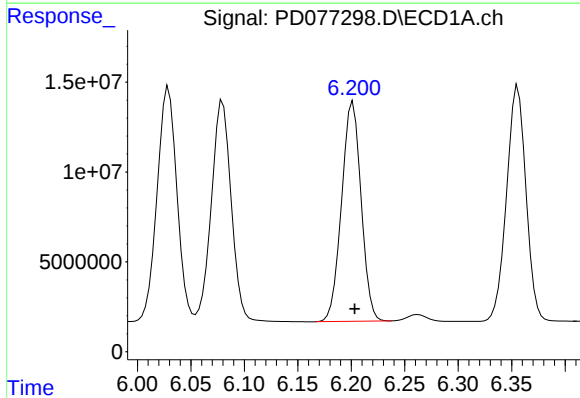
R.T.: 6.029 min
Delta R.T.: -0.001 min
Response: 168963114
Conc: 51.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



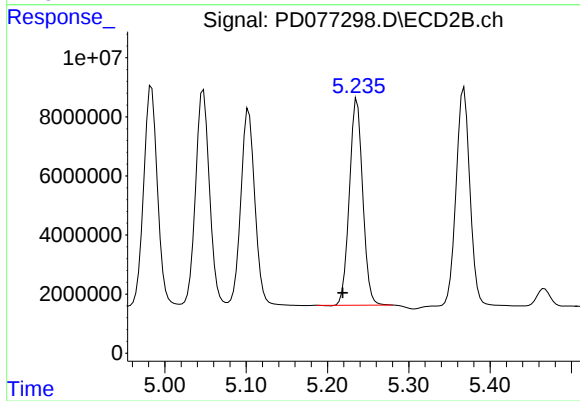
#11 alpha-Chlordane

R.T.: 5.047 min
Delta R.T.: 0.018 min
Response: 87857157
Conc: 52.61 ng/ml



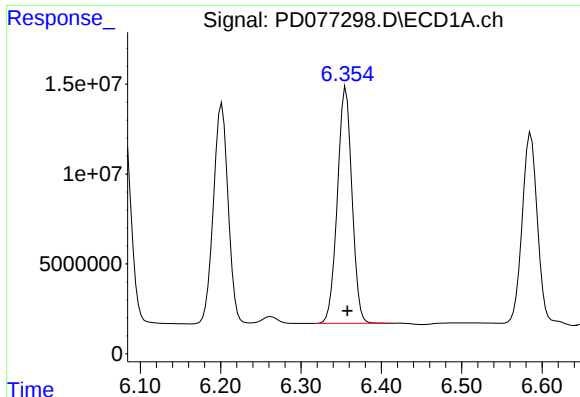
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: -0.002 min
Response: 155279620
Conc: 52.34 ng/ml



#12 4,4'-DDE

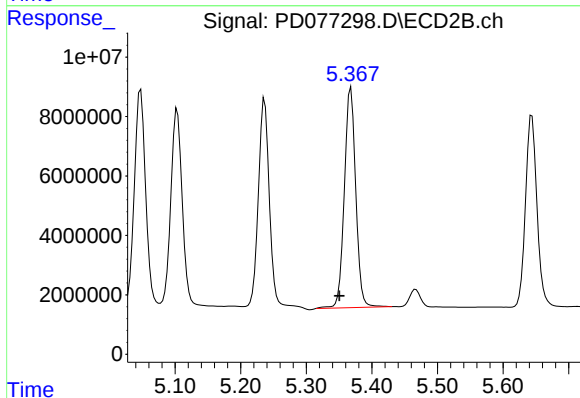
R.T.: 5.236 min
Delta R.T.: 0.018 min
Response: 79228131
Conc: 54.63 ng/ml



#13 Dieldrin

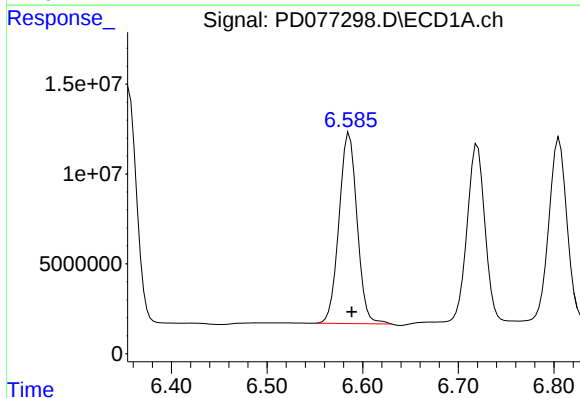
R.T.: 6.356 min
Delta R.T.: -0.002 min
Response: 165818949
Conc: 50.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



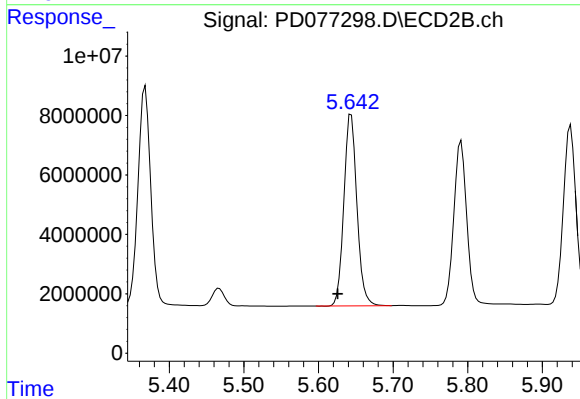
#13 Dieldrin

R.T.: 5.368 min
Delta R.T.: 0.018 min
Response: 89680769
Conc: 53.24 ng/ml



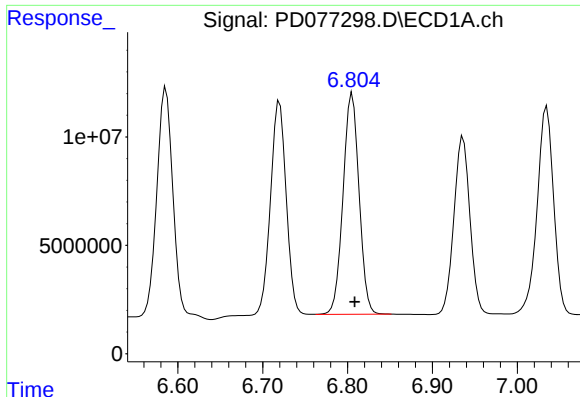
#14 Endrin

R.T.: 6.586 min
Delta R.T.: -0.002 min
Response: 139681702
Conc: 50.27 ng/ml



#14 Endrin

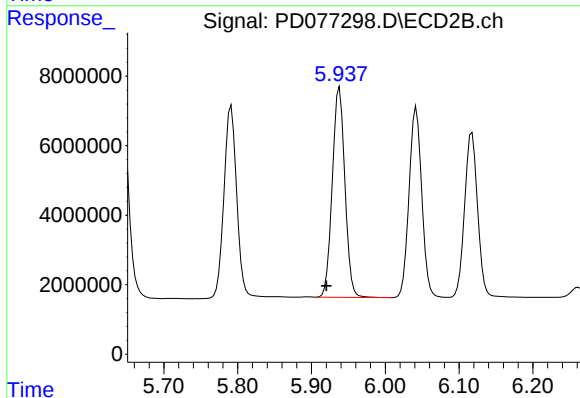
R.T.: 5.644 min
Delta R.T.: 0.018 min
Response: 78318063
Conc: 53.52 ng/ml



#15 Endosulfan II

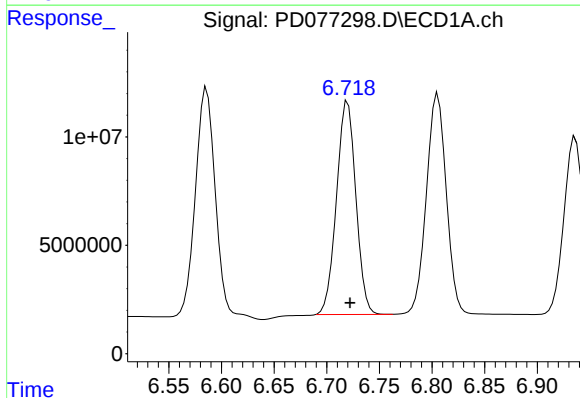
R.T.: 6.806 min
Delta R.T.: -0.003 min
Response: 133436956
Conc: 41.94 ng/ml

Instrument :
ECD_D
ClientSampleId :



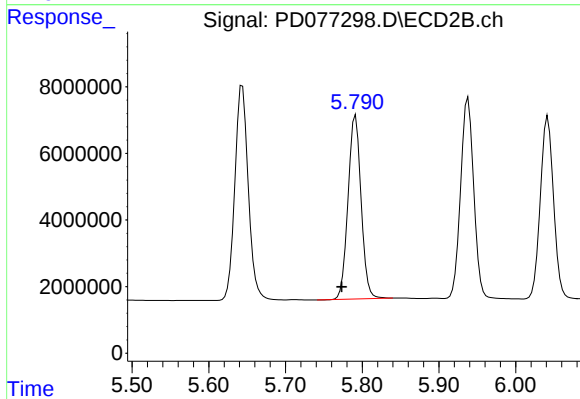
#15 Endosulfan II

R.T.: 5.938 min
Delta R.T.: 0.018 min
Response: 71796950
Conc: 48.71 ng/ml



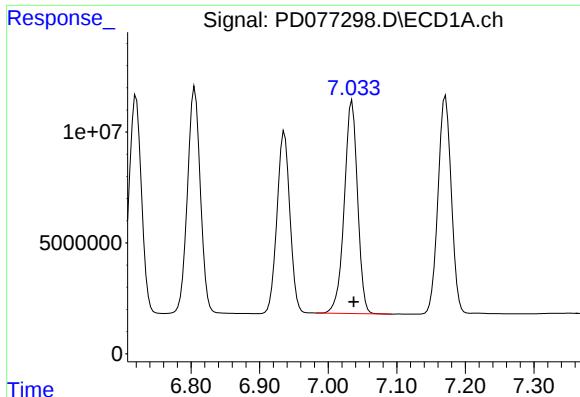
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: -0.002 min
Response: 126308297
Conc: 53.69 ng/ml



#16 4,4'-DDD

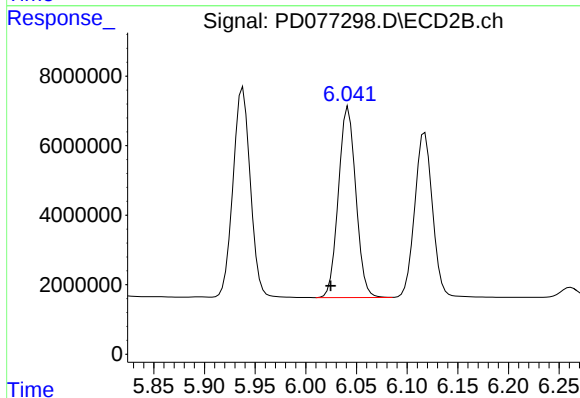
R.T.: 5.791 min
Delta R.T.: 0.018 min
Response: 65755858
Conc: 59.13 ng/ml



#17 4,4'-DDT

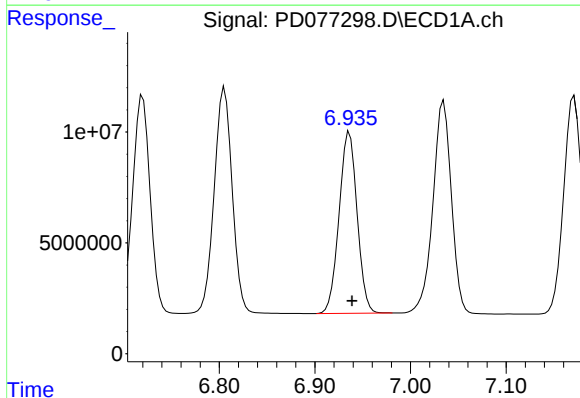
R.T.: 7.035 min
Delta R.T.: -0.002 min
Response: 129240339
Conc: 53.15 ng/ml

Instrument :
ECD_D
ClientSampleId :



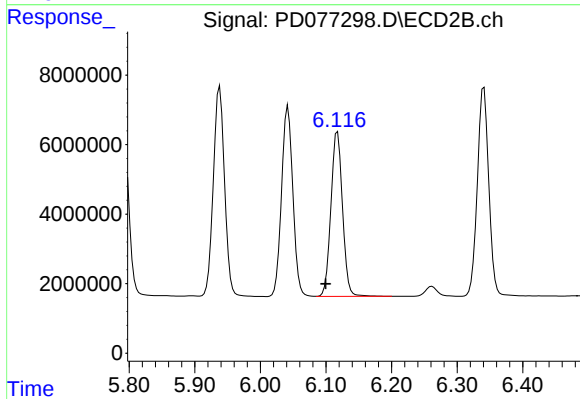
#17 4,4'-DDT

R.T.: 6.042 min
Delta R.T.: 0.017 min
Response: 65615275
Conc: 59.03 ng/ml



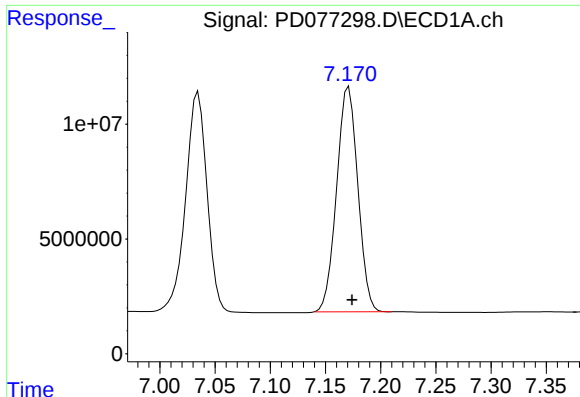
#18 Endrin aldehyde

R.T.: 6.936 min
Delta R.T.: -0.003 min
Response: 107481059
Conc: 49.20 ng/ml



#18 Endrin aldehyde

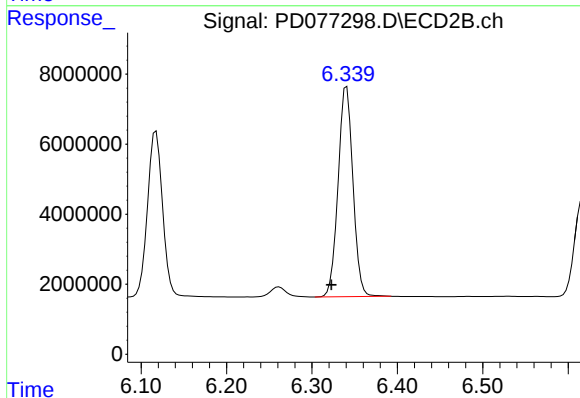
R.T.: 6.117 min
Delta R.T.: 0.018 min
Response: 58180756
Conc: 51.11 ng/ml



#19 Endosulfan Sulfate

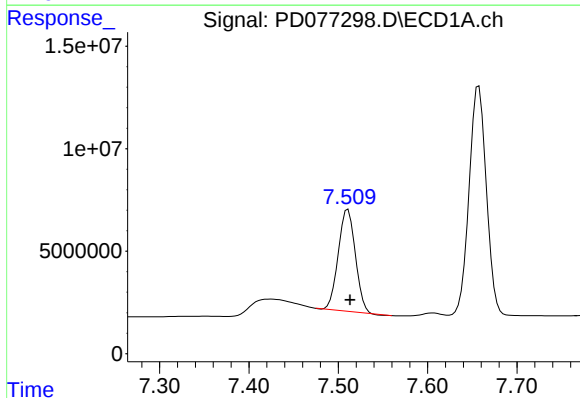
R.T.: 7.171 min
Delta R.T.: -0.003 min
Response: 131165385
Conc: 50.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



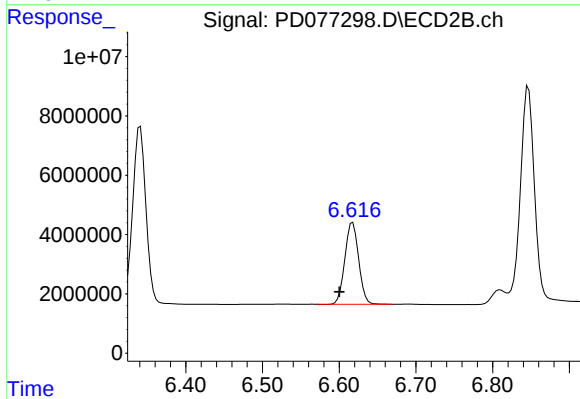
#19 Endosulfan Sulfate

R.T.: 6.341 min
Delta R.T.: 0.018 min
Response: 72590102
Conc: 54.43 ng/ml



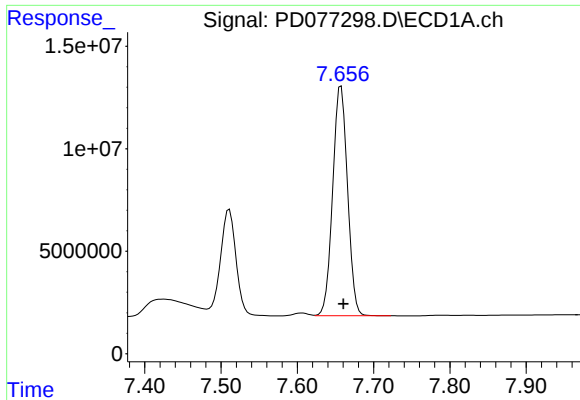
#20 Methoxychlor

R.T.: 7.511 min
Delta R.T.: -0.002 min
Response: 65319785
Conc: 46.10 ng/ml



#20 Methoxychlor

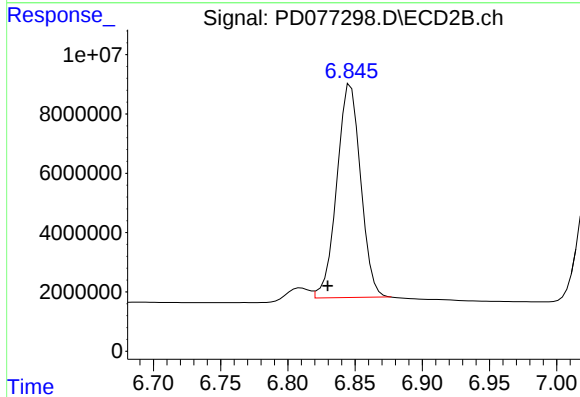
R.T.: 6.617 min
Delta R.T.: 0.017 min
Response: 34653998
Conc: 57.96 ng/ml



#21 Endrin ketone

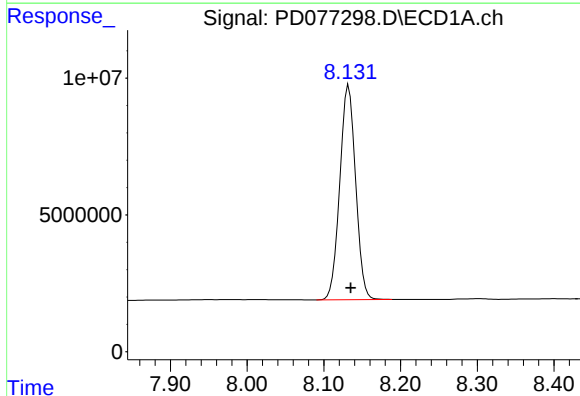
R.T.: 7.657 min
Delta R.T.: -0.003 min
Response: 151120422
Conc: 50.18 ng/ml

Instrument :
ECD_D
ClientSampleId :



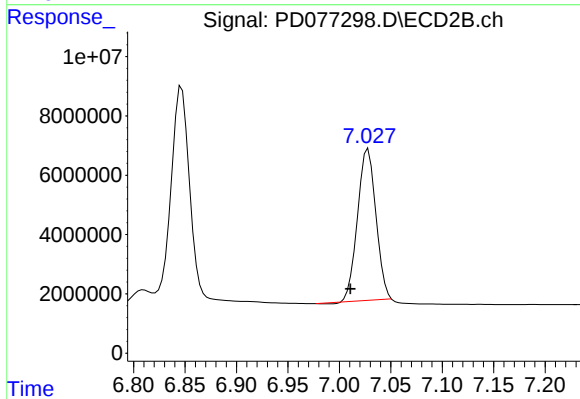
#21 Endrin ketone

R.T.: 6.847 min
Delta R.T.: 0.017 min
Response: 88351323
Conc: 55.72 ng/ml



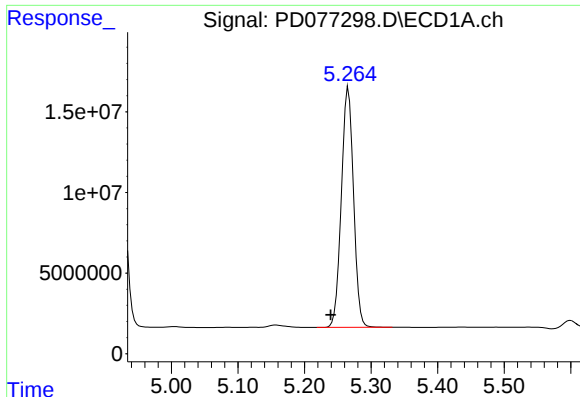
#22 Mirex

R.T.: 8.132 min
Delta R.T.: -0.003 min
Response: 112622676
Conc: 49.38 ng/ml



#22 Mirex

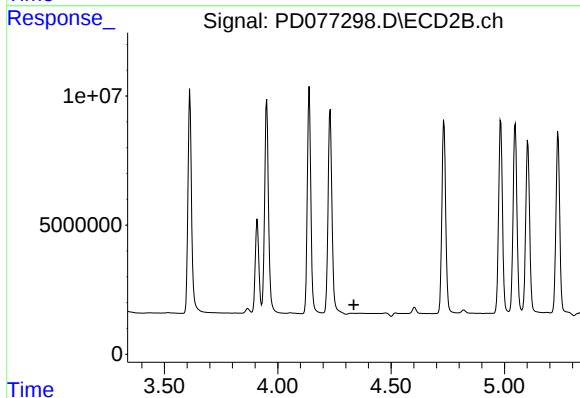
R.T.: 7.028 min
Delta R.T.: 0.017 min
Response: 63468892
Conc: 49.02 ng/ml



#24 Chlordane-2

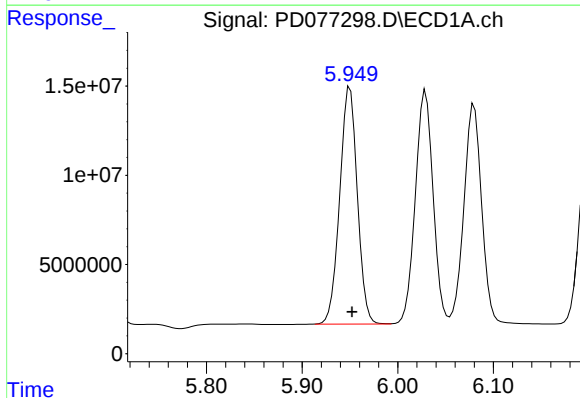
R.T.: 5.266 min
Delta R.T.: 0.026 min
Response: 188750146
Conc: 1556.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



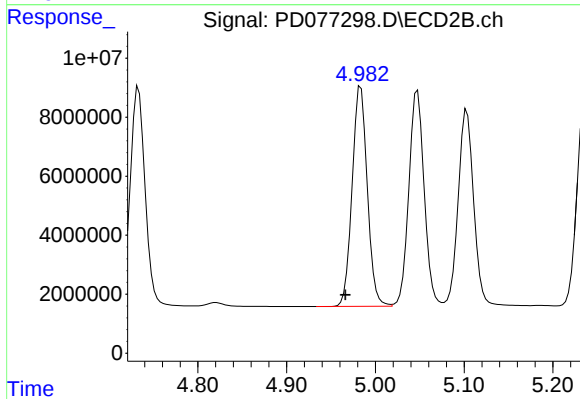
#24 Chlordane-2

R.T.: 4.325 min
Delta R.T.: -0.011 min
Response: -306531
Conc: N.D.



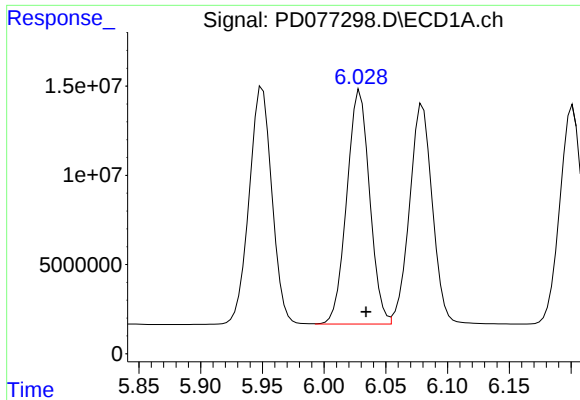
#25 Chlordane-3

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 170513293
Conc: 360.02 ng/ml



#25 Chlordane-3

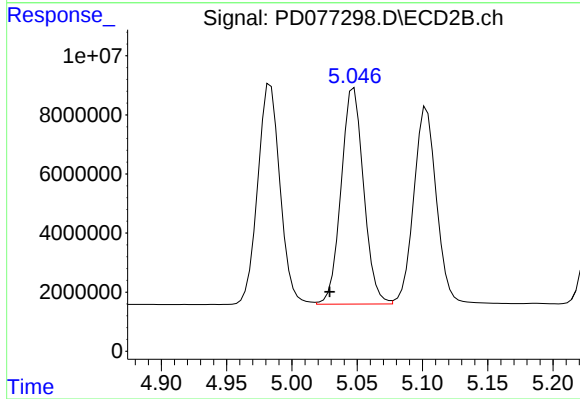
R.T.: 4.984 min
Delta R.T.: 0.017 min
Response: 88631488
Conc: 543.16 ng/ml



#26 Chlordane-4

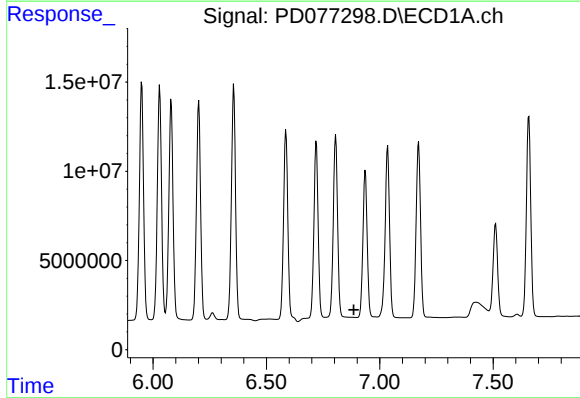
R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 168963114
Conc: 292.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



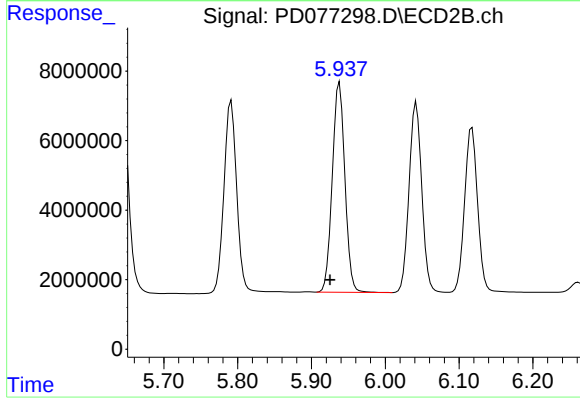
#26 Chlordane-4

R.T.: 5.047 min
Delta R.T.: 0.019 min
Response: 87857157
Conc: 545.39 ng/ml



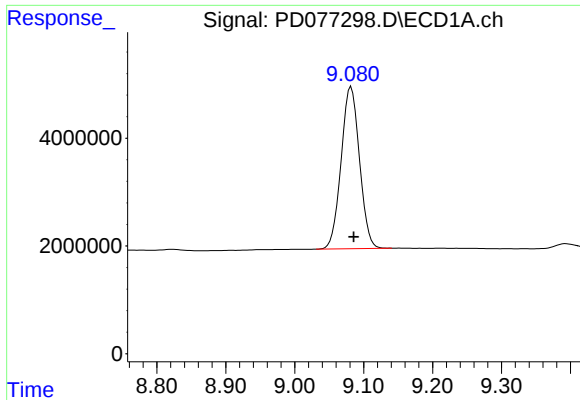
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.886 min
Response: 0
Conc: N.D.



#27 Chlordane-5

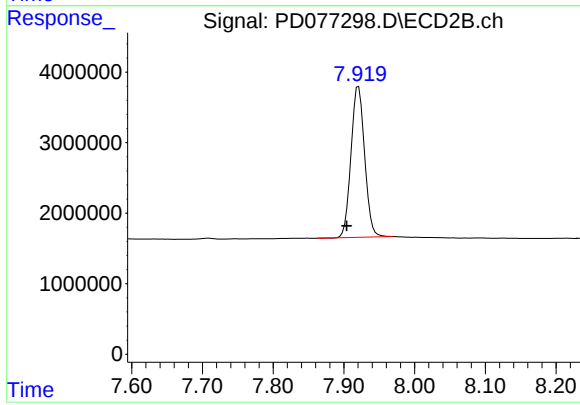
R.T.: 5.938 min
Delta R.T.: 0.013 min
Response: 71796950
Conc: 1201.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: -0.004 min
Response: 55671486
Conc: 20.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.921 min
Delta R.T.: 0.017 min
Response: 28724185
Conc: 20.07 ng/ml