

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD070623\
 Data File : PD076353.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jul 2023 20:00
 Operator : AR\AJ
 Sample : 02507-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

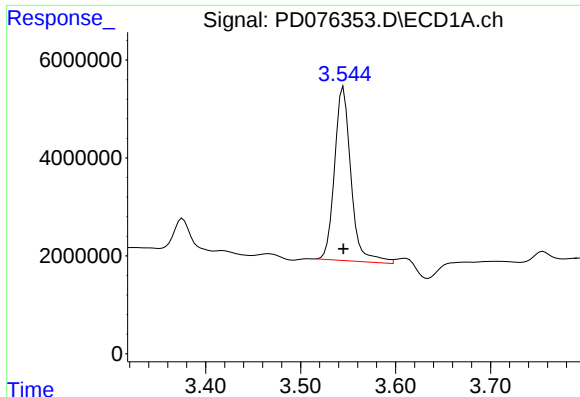
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 05 22:33:26 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD070423.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 05 05:21:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.545	2.766	42705522	19369016	13.034	12.193
28)	SA Decachlor...	9.083	7.907	41153154	16808713	11.574	13.356
Target Compounds							
2)	A alpha-BHC	4.000	3.266	82349	530688	0.014	0.220 #
3)	MA gamma-BHC...	0.000	3.599	0	879381	N.D.	0.395 #
4)	MA Heptachlor	4.928	3.935	798127	452223	0.145	0.199 #
5)	MB Aldrin	5.266	4.197f	3662807	19055518	0.685	8.598 #
6)	B beta-BHC	4.541	3.896	31617	246764	0.015	0.277 #
7)	B delta-BHC	4.776	4.123	3000021	885733	0.584	0.421 #
8)	B Heptachlo...	5.694	4.719	5774164	395580	1.198	0.198 #
9)	A Endosulfan I	6.086	5.117f	1782434	7373411	0.400	3.937 #
10)	B gamma-Chl...	5.925f	4.970	6897565	2333808	1.418	1.172
11)	B alpha-Chl...	6.031	5.033	2000390	3613329	0.416	1.818 #
12)	B 4,4'-DDE	0.000	5.222	0	1087035	N.D.	0.707 #
13)	MA Dieldrin	6.378f	5.359	3645195	3657084	0.779	1.857 #
14)	MA Endrin	6.596	5.627	1475602	2260604	0.371	1.281 #
15)	B Endosulfa...	6.807	5.928	4493300	1994595	1.210	1.285
16)	A 4,4'-DDD	6.719	5.777	16671488	2233645	4.962	1.848 #
17)	MA 4,4'-DDT	7.037	6.027	12210067	5079438	3.473	4.197
18)	B Endrin al...	6.933	6.129f	451622	1823563	0.165	1.596 #
21)	B Endrin ke...	7.659	6.830	163418	435940	0.039	0.249 #
22)	Mirex	8.136	7.013	2465680	-195296	0.780	N.D. #
23)	Chlordane-1	0.000	3.775	0	944763	N.D.	21.350 #
24)	Chlordane-2	5.266f	4.315f	3662807	659915	28.602	13.581 #
25)	Chlordane-3	5.925f	4.970	6897565	2333808	13.629	16.631
26)	Chlordane-4	6.031	5.033	2000390	3613329	3.254	25.659 #
27)	Chlordane-5	6.899	5.928	657216	1994595	6.730	42.862 #

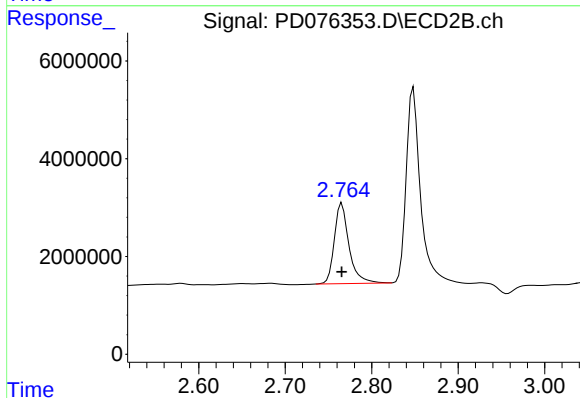
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

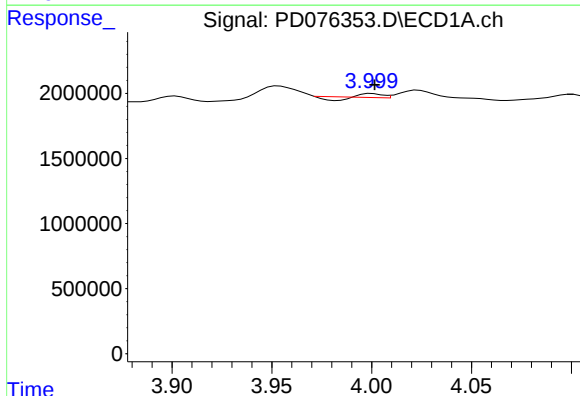
R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 42705522
Conc: 13.03 ng/ml

Instrument :
ECD_D
ClientSampleId :



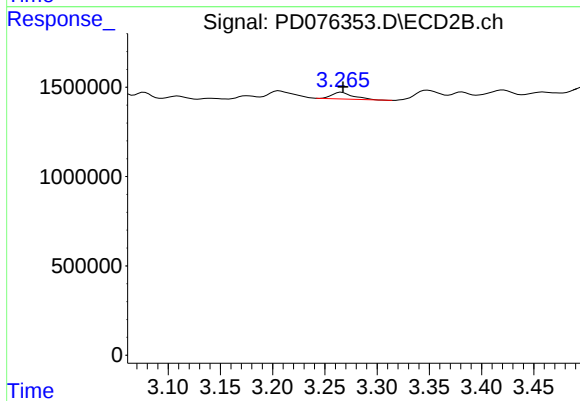
#1 Tetrachloro-m-xylene

R.T.: 2.766 min
Delta R.T.: 0.000 min
Response: 19369016
Conc: 12.19 ng/ml



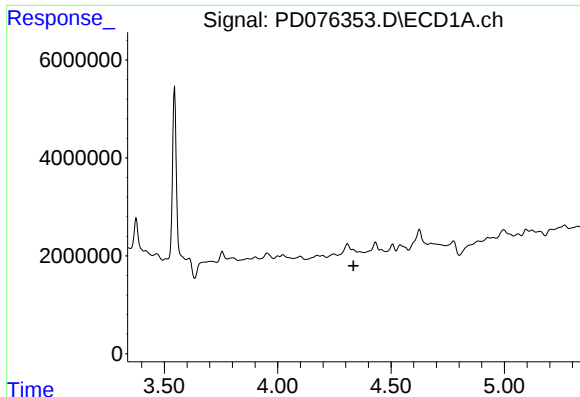
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 82349
Conc: 0.01 ng/ml



#2 alpha-BHC

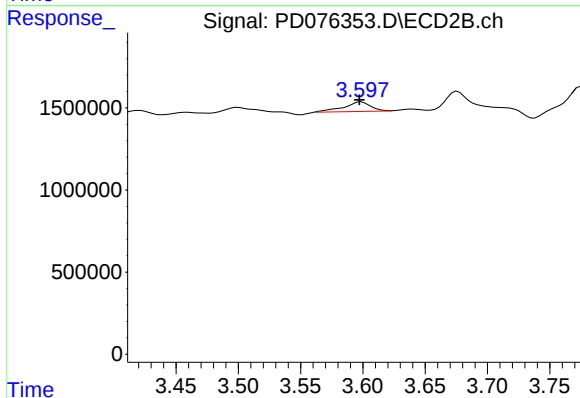
R.T.: 3.266 min
Delta R.T.: -0.001 min
Response: 530688
Conc: 0.22 ng/ml



#3 gamma-BHC (Lindane)

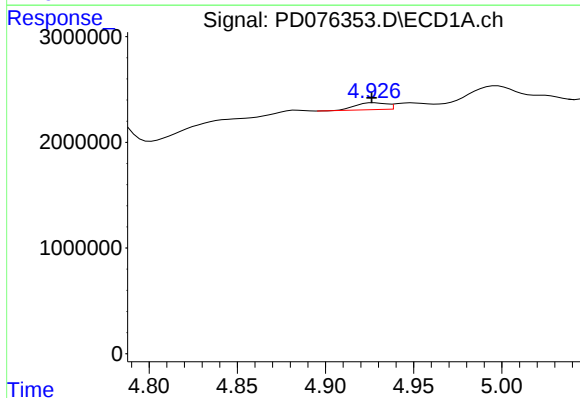
R.T.: 0.000 min
Exp R.T.: 4.335 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



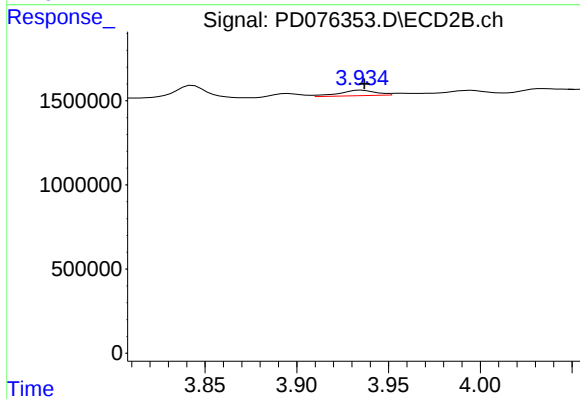
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.002 min
Response: 879381
Conc: 0.39 ng/ml



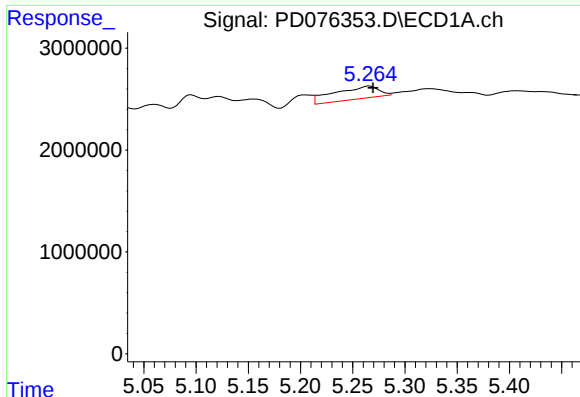
#4 Heptachlor

R.T.: 4.928 min
Delta R.T.: 0.001 min
Response: 798127
Conc: 0.15 ng/ml



#4 Heptachlor

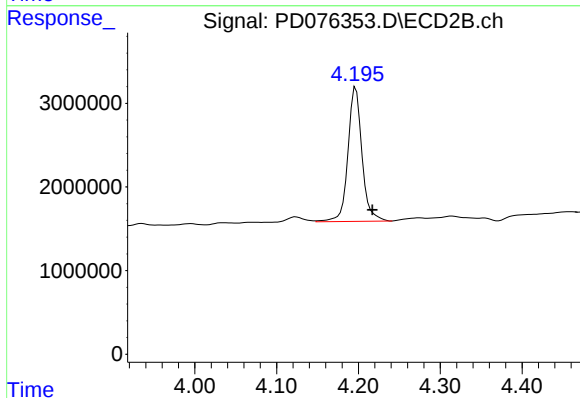
R.T.: 3.935 min
Delta R.T.: -0.002 min
Response: 452223
Conc: 0.20 ng/ml



#5 Aldrin

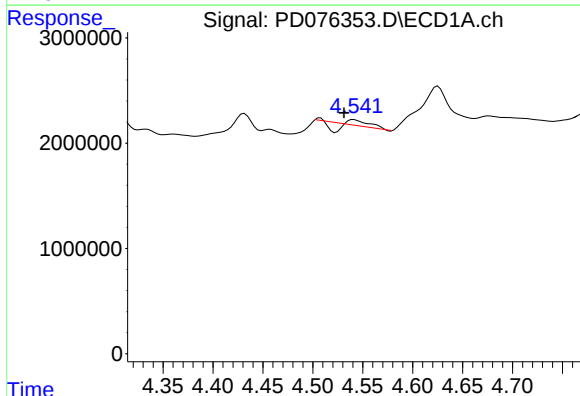
R.T.: 5.266 min
Delta R.T.: -0.003 min
Response: 3662807
Conc: 0.69 ng/ml

Instrument :
ECD_D
ClientSampleId :



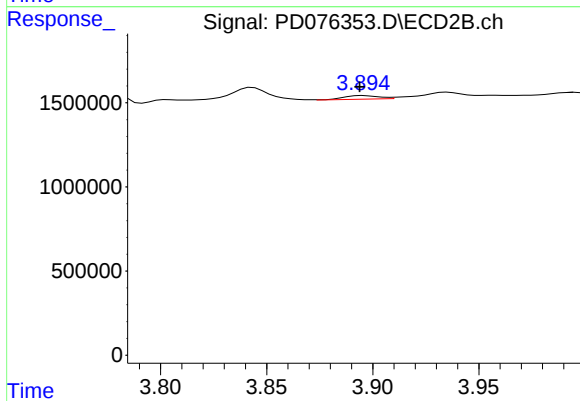
#5 Aldrin

R.T.: 4.197 min
Delta R.T.: -0.020 min
Response: 19055518
Conc: 8.60 ng/ml



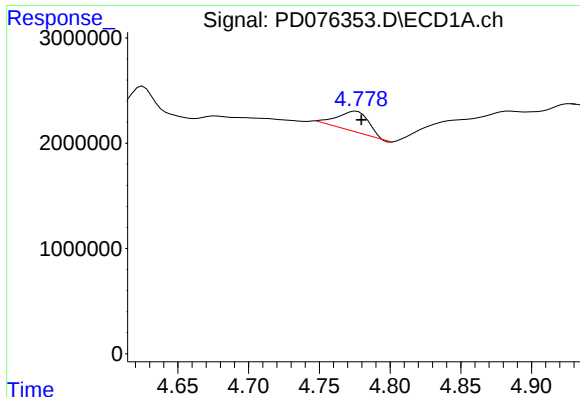
#6 beta-BHC

R.T.: 4.541 min
Delta R.T.: 0.010 min
Response: 31617
Conc: 0.02 ng/ml



#6 beta-BHC

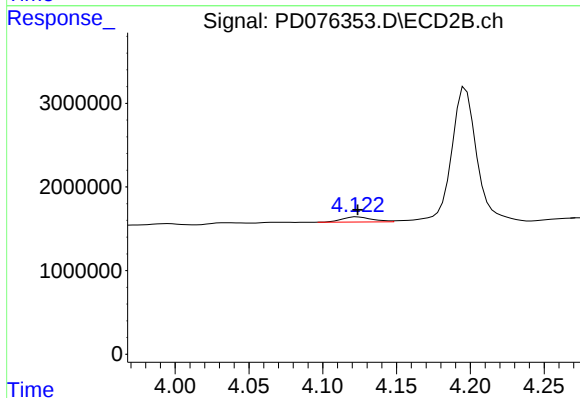
R.T.: 3.896 min
Delta R.T.: 0.002 min
Response: 246764
Conc: 0.28 ng/ml



#7 delta-BHC

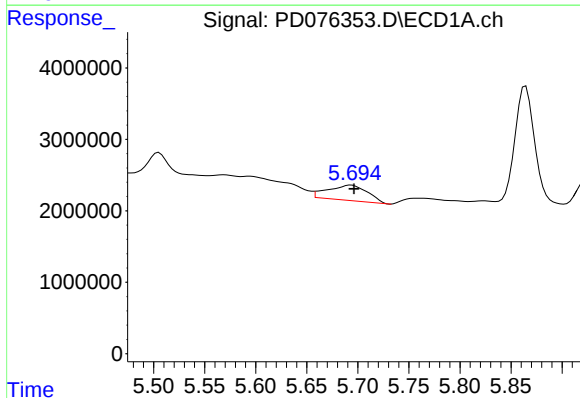
R.T.: 4.776 min
Delta R.T.: -0.004 min
Response: 3000021
Conc: 0.58 ng/ml

Instrument :
ECD_D
ClientSampleId :



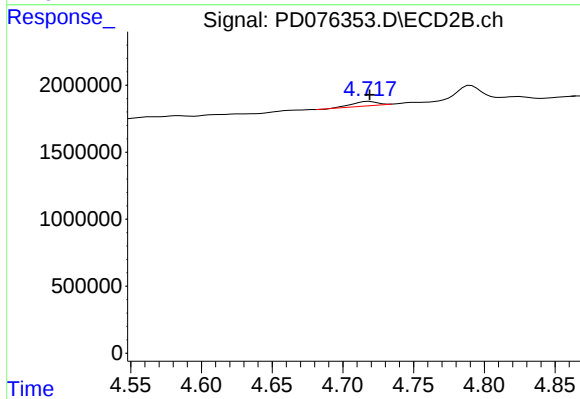
#7 delta-BHC

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 885733
Conc: 0.42 ng/ml



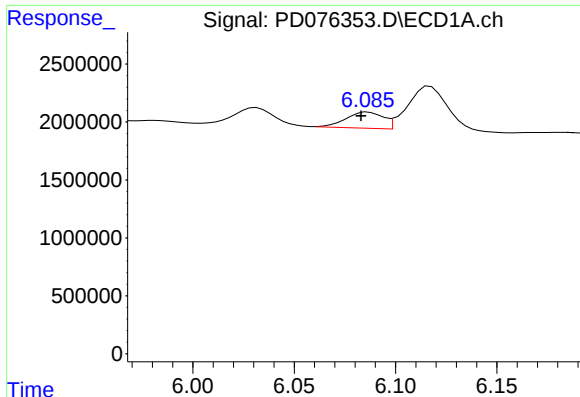
#8 Heptachlor epoxide

R.T.: 5.694 min
Delta R.T.: -0.003 min
Response: 5774164
Conc: 1.20 ng/ml



#8 Heptachlor epoxide

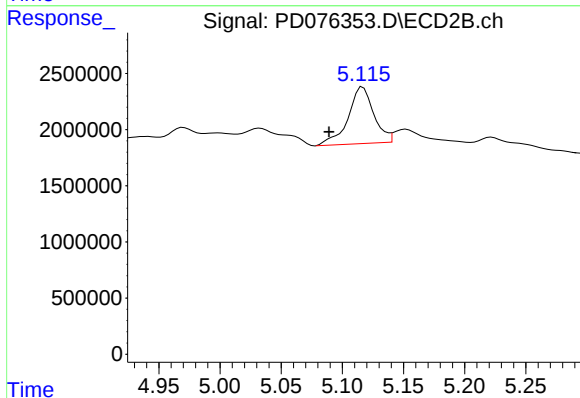
R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 395580
Conc: 0.20 ng/ml



#9 Endosulfan I

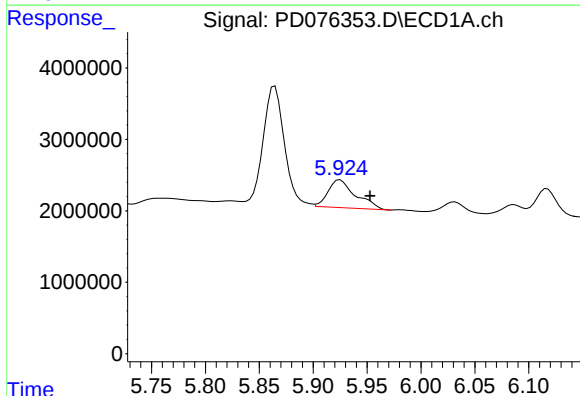
R.T.: 6.086 min
Delta R.T.: 0.003 min
Response: 1782434
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



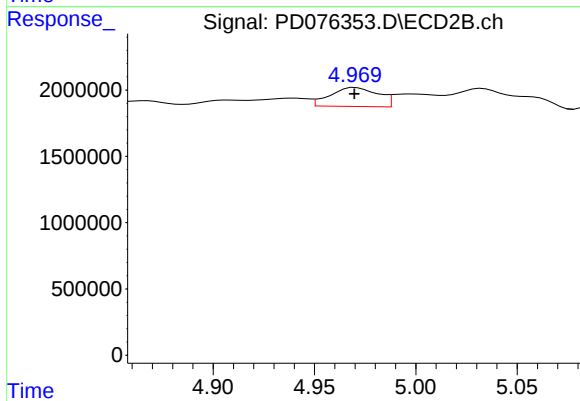
#9 Endosulfan I

R.T.: 5.117 min
Delta R.T.: 0.027 min
Response: 7373411
Conc: 3.94 ng/ml



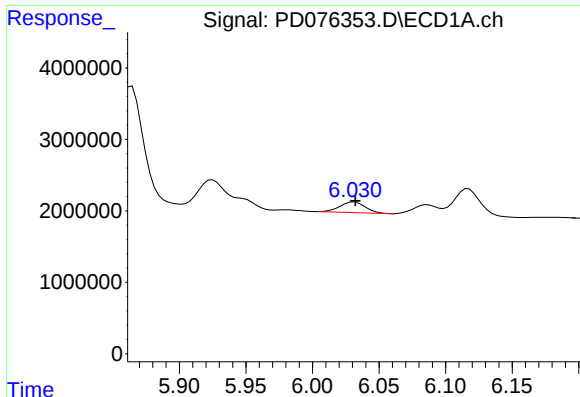
#10 gamma-Chlordane

R.T.: 5.925 min
Delta R.T.: -0.028 min
Response: 6897565
Conc: 1.42 ng/ml



#10 gamma-Chlordane

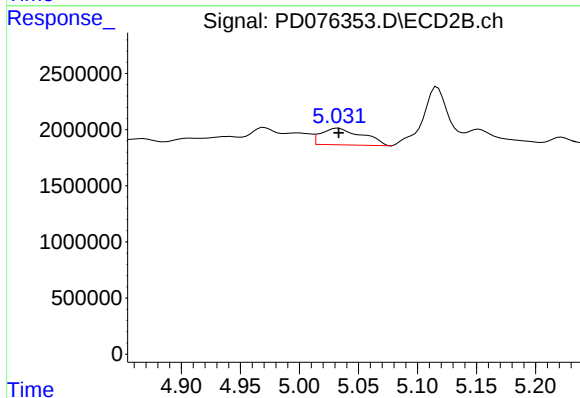
R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 2333808
Conc: 1.17 ng/ml



#11 alpha-Chlordane

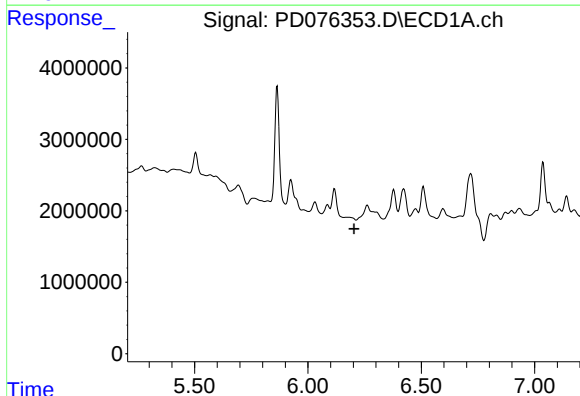
R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 2000390
Conc: 0.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



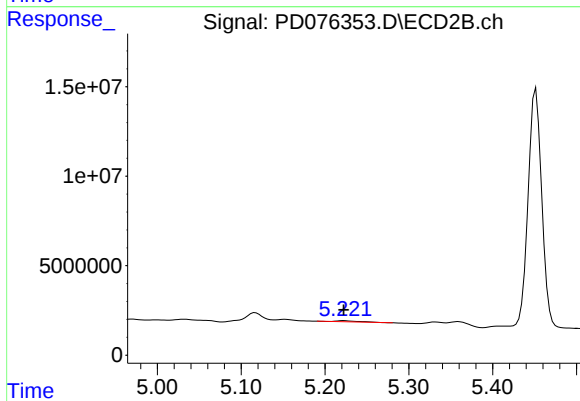
#11 alpha-Chlordane

R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 3613329
Conc: 1.82 ng/ml



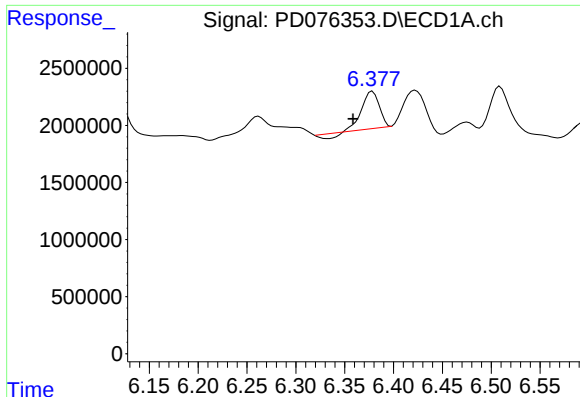
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.204 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

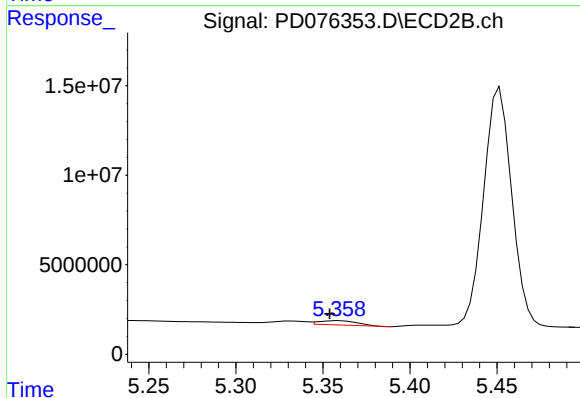
R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 1087035
Conc: 0.71 ng/ml



#13 Dieldrin

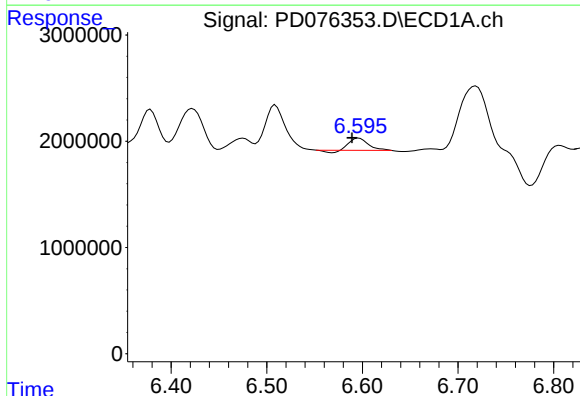
R.T.: 6.378 min
Delta R.T.: 0.020 min
Response: 3645195
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



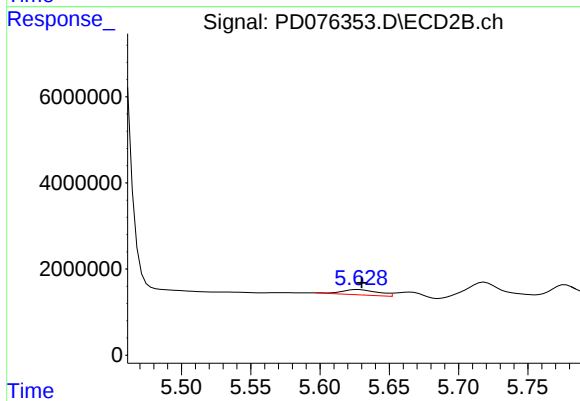
#13 Dieldrin

R.T.: 5.359 min
Delta R.T.: 0.005 min
Response: 3657084
Conc: 1.86 ng/ml



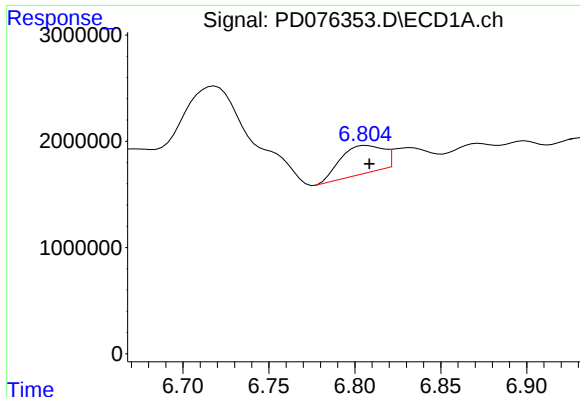
#14 Endrin

R.T.: 6.596 min
Delta R.T.: 0.007 min
Response: 1475602
Conc: 0.37 ng/ml



#14 Endrin

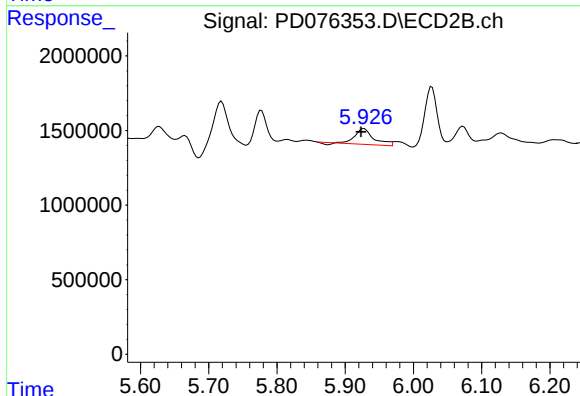
R.T.: 5.627 min
Delta R.T.: -0.003 min
Response: 2260604
Conc: 1.28 ng/ml



#15 Endosulfan II

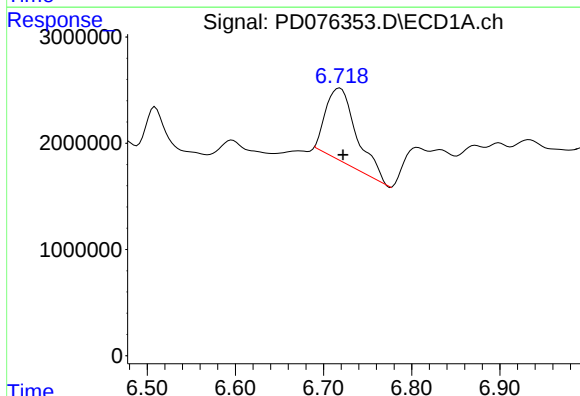
R.T.: 6.807 min
Delta R.T.: -0.002 min
Response: 4493300
Conc: 1.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



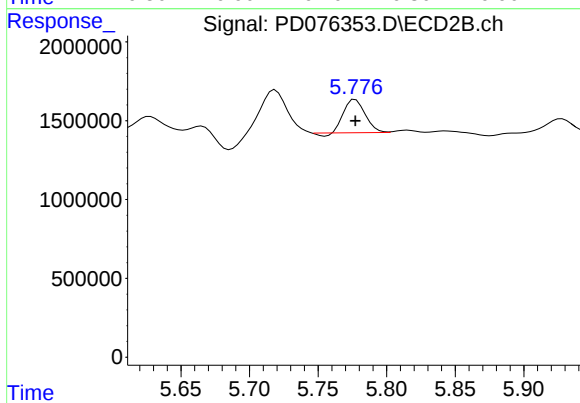
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.004 min
Response: 1994595
Conc: 1.29 ng/ml



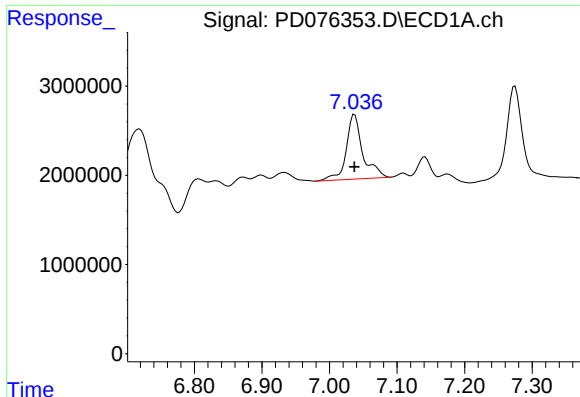
#16 4,4'-DDD

R.T.: 6.719 min
Delta R.T.: -0.003 min
Response: 16671488
Conc: 4.96 ng/ml



#16 4,4'-DDD

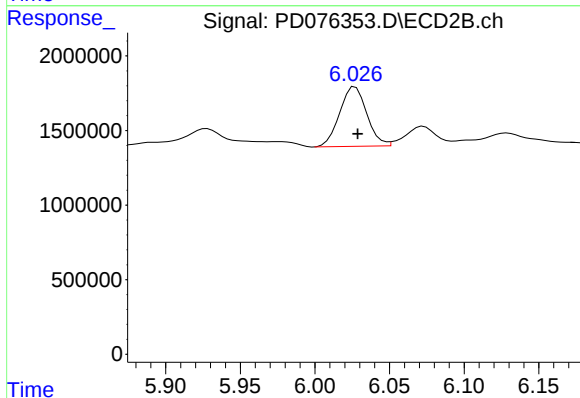
R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 2233645
Conc: 1.85 ng/ml



#17 4,4'-DDT

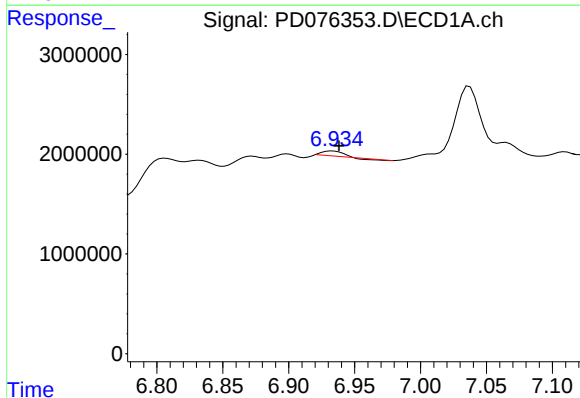
R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 12210067
Conc: 3.47 ng/ml

Instrument :
ECD_D
ClientSampleId :



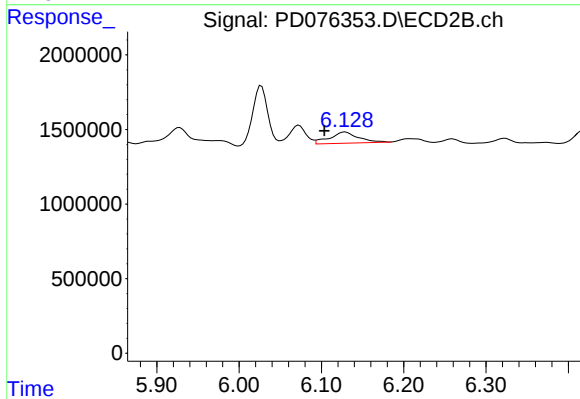
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.002 min
Response: 5079438
Conc: 4.20 ng/ml



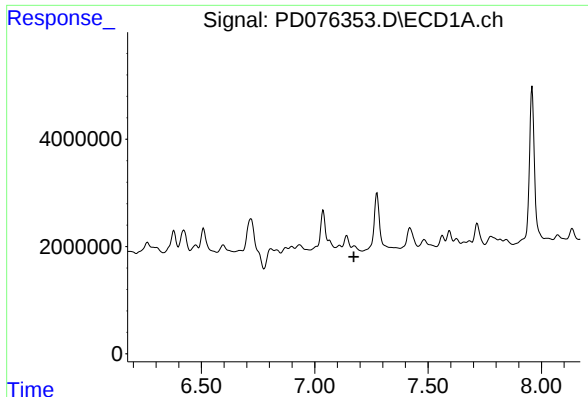
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: -0.005 min
Response: 451622
Conc: 0.16 ng/ml



#18 Endrin aldehyde

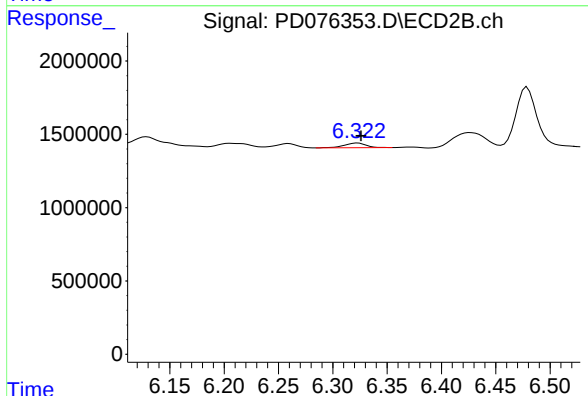
R.T.: 6.129 min
Delta R.T.: 0.025 min
Response: 1823563
Conc: 1.60 ng/ml



#19 Endosulfan Sulfate

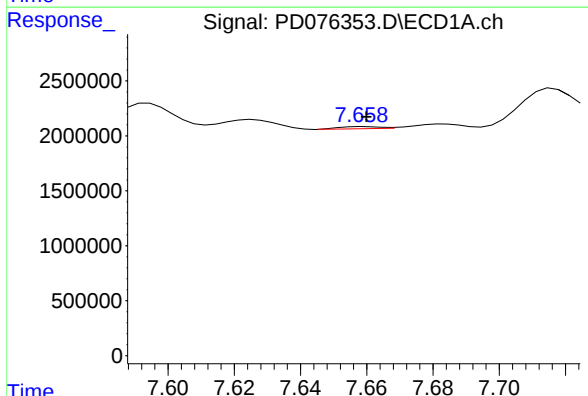
R.T.: 7.175 min
Delta R.T.: 0.002 min
Response: -1800478
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



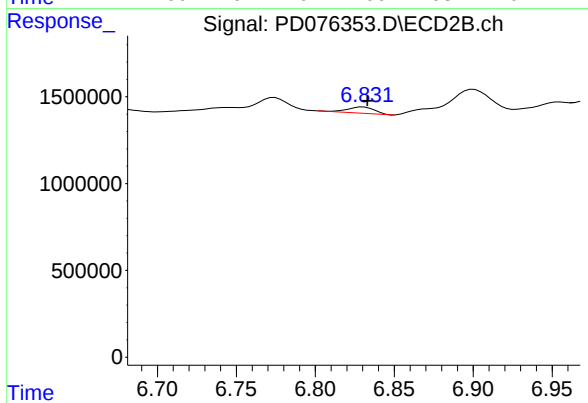
#19 Endosulfan Sulfate

R.T.: 6.323 min
Delta R.T.: -0.003 min
Response: 439754
Conc: 0.29 ng/ml



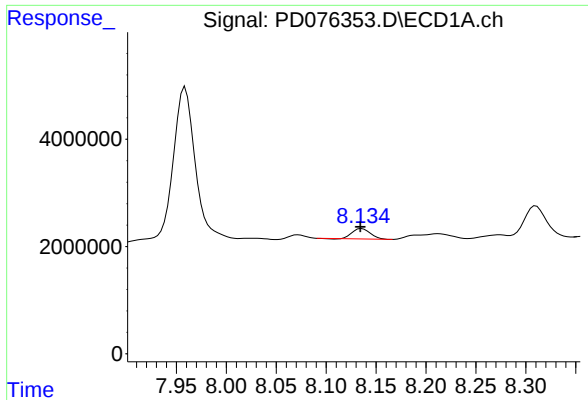
#21 Endrin ketone

R.T.: 7.659 min
Delta R.T.: 0.000 min
Response: 163418
Conc: 0.04 ng/ml



#21 Endrin ketone

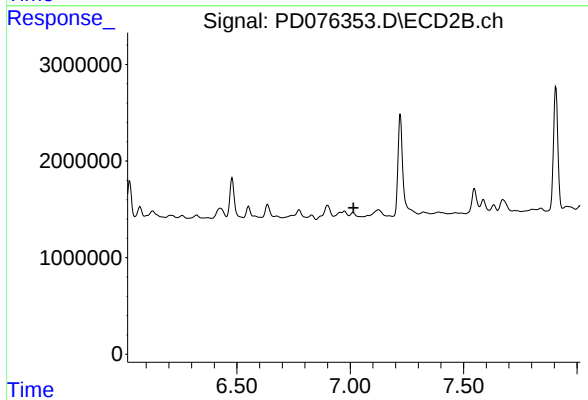
R.T.: 6.830 min
Delta R.T.: -0.003 min
Response: 435940
Conc: 0.25 ng/ml



#22 Mirex

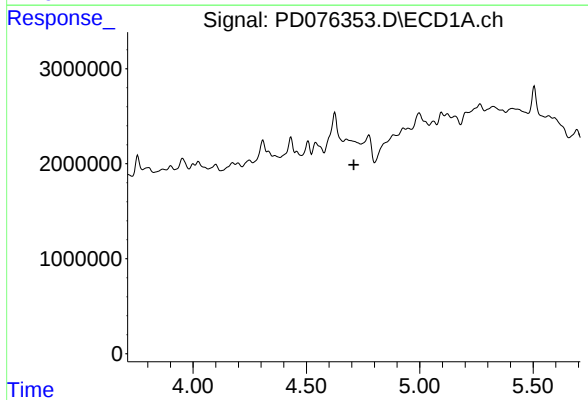
R.T.: 8.136 min
Delta R.T.: 0.001 min
Response: 2465680
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



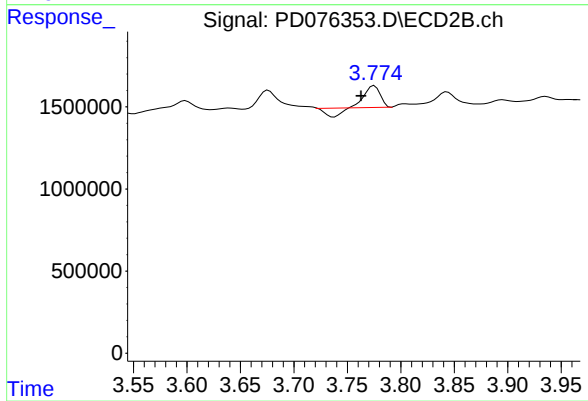
#22 Mirex

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: -195296
Conc: N.D.



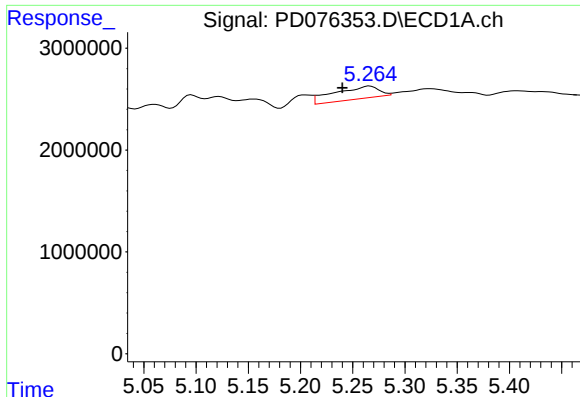
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.710 min
Response: 0
Conc: N.D.



#23 Chlordane-1

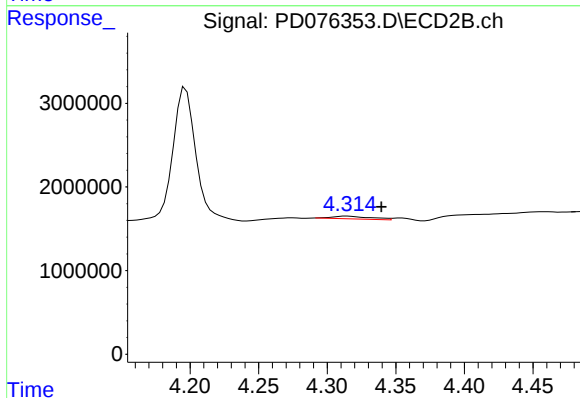
R.T.: 3.775 min
Delta R.T.: 0.012 min
Response: 944763
Conc: 21.35 ng/ml



#24 Chlordane-2

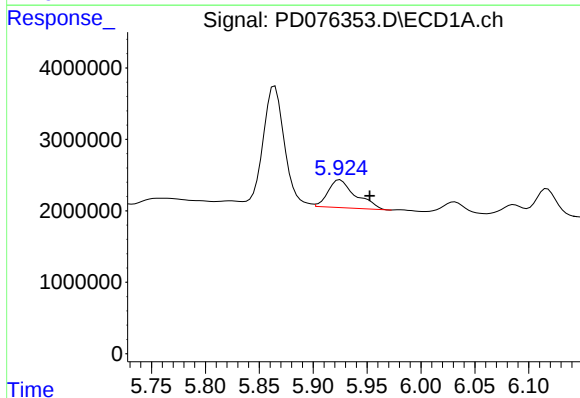
R.T.: 5.266 min
Delta R.T.: 0.026 min
Response: 3662807
Conc: 28.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



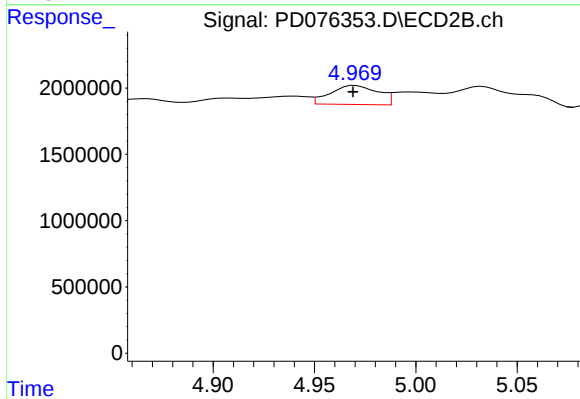
#24 Chlordane-2

R.T.: 4.315 min
Delta R.T.: -0.025 min
Response: 659915
Conc: 13.58 ng/ml



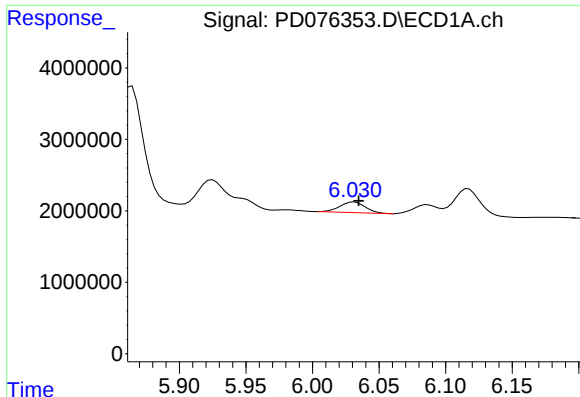
#25 Chlordane-3

R.T.: 5.925 min
Delta R.T.: -0.028 min
Response: 6897565
Conc: 13.63 ng/ml



#25 Chlordane-3

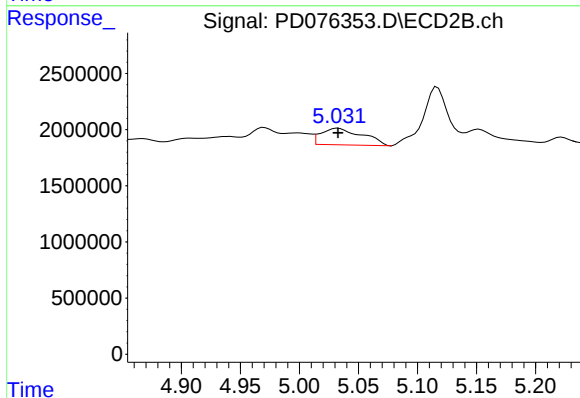
R.T.: 4.970 min
Delta R.T.: 0.001 min
Response: 2333808
Conc: 16.63 ng/ml



#26 Chlordane-4

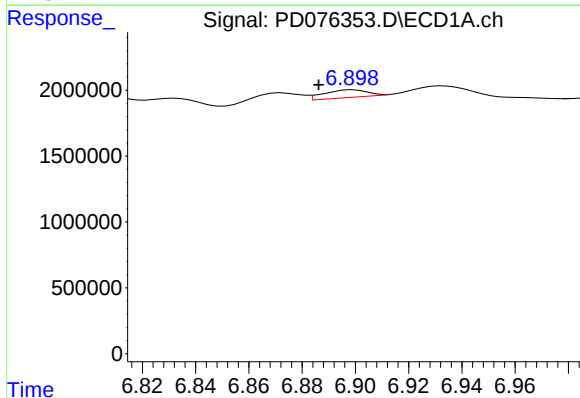
R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 2000390
Conc: 3.25 ng/ml

Instrument :
ECD_D
ClientSampleId :



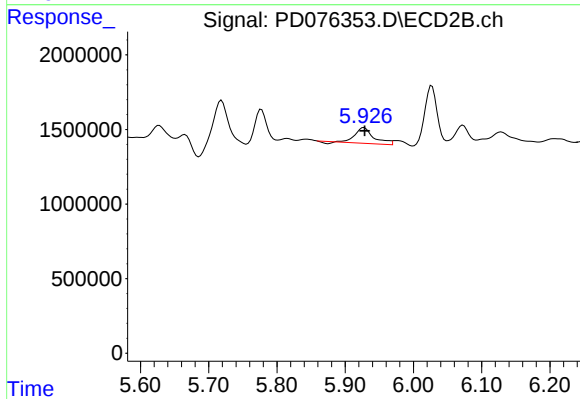
#26 Chlordane-4

R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 3613329
Conc: 25.66 ng/ml



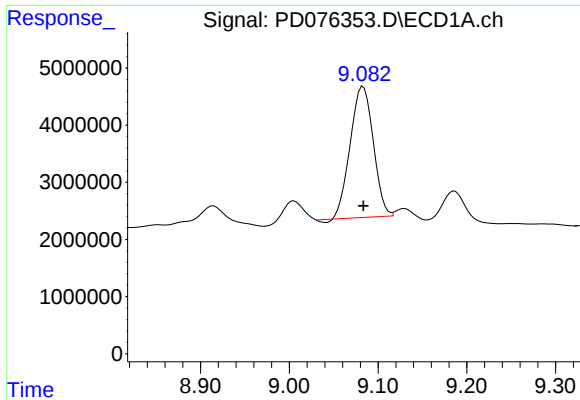
#27 Chlordane-5

R.T.: 6.899 min
Delta R.T.: 0.013 min
Response: 657216
Conc: 6.73 ng/ml



#27 Chlordane-5

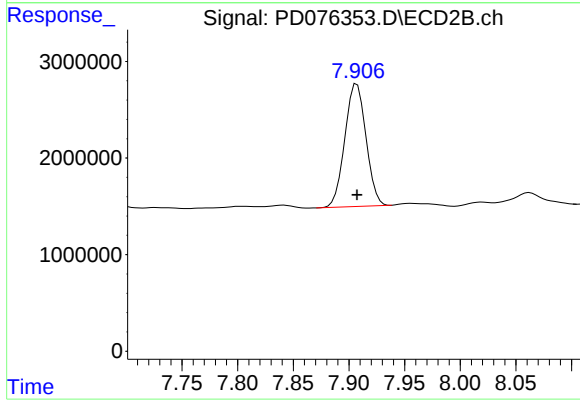
R.T.: 5.928 min
Delta R.T.: -0.001 min
Response: 1994595
Conc: 42.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 41153154
Conc: 11.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.907 min
Delta R.T.: 0.000 min
Response: 16808713
Conc: 13.36 ng/ml