

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062523\
 Data File : PD076124.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jun 2023 21:39
 Operator : AR\AJ
 Sample : 03362-20
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 COMPOSIT-SB-25

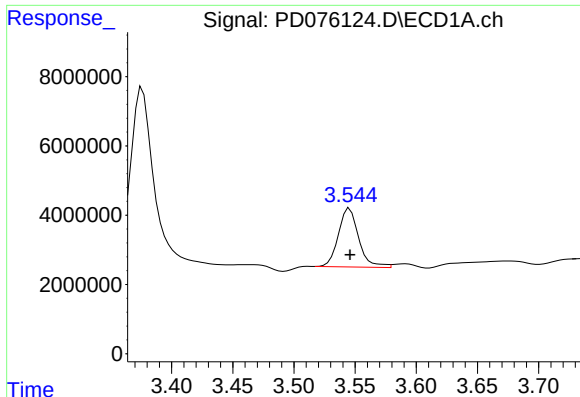
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 23 22:57:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.546	2.767	19578019	8779470	9.191	8.092
28)	SA Decachlor...	9.086	7.910	29848467	12876265	11.782	13.169
Target Compounds							
3)	MA gamma-BHC...	4.344	3.587	3383308	401788	1.005	0.273 #
4)	MA Heptachlor	0.000	3.955f	0	8011705	N.D.	5.275 #
5)	MB Aldrin	5.266	4.200f	21055976	244.9E6	6.009	164.258 #
6)	B beta-BHC	4.557f	0.000	4451389	0	3.096	N.D. #
7)	B delta-BHC	0.000	4.136	0	4141614	N.D.	2.858 #
8)	B Heptachlo...	5.689	0.000	16188121	0	5.024	N.D. #
9)	A Endosulfan I	6.088	5.122f	2773940	16225235	0.925	12.694 #
10)	B gamma-Chl...	5.952	4.949f	18736343	31427608	5.816	22.904 #
11)	B alpha-Chl...	6.036	5.035	28374411	38616536	8.777	28.151 #
12)	B 4,4'-DDE	6.202	5.223	12248679	4621495	4.286	4.141
13)	MA Dieldrin	6.355	5.357	4918491	17629939	1.574	13.067 #
14)	MA Endrin	6.586	5.638	12673994	-5017027	4.739	N.D. #
15)	B Endosulfa...	6.804	5.915	1742605	1818078	0.674	1.685 #
16)	A 4,4'-DDD	6.733	5.778	26073649	749738	11.458	0.851 #
17)	MA 4,4'-DDT	7.011f	6.026	31834669	18752007	14.029	23.085 #
18)	B Endrin al...	6.961f	6.124f	1820597	2644524	0.907	3.056 #
19)	B Endosulfa...	0.000	6.326	0	4885875	N.D.	4.521 #
20)	A Methoxychlor	7.504	6.583f	158348	6279791	0.122	13.568 #
21)	B Endrin ke...	7.686f	6.865f	950581	2414528	0.341	1.987 #
22)	Mirex	8.136	7.016	66152	261999	0.031	0.250 #
23)	Chlordane-1	4.712	3.766	3456578	6322865	30.064	138.141 #
24)	Chlordane-2	5.266f	4.346	21055976	6409112	159.990	120.887
25)	Chlordane-3	5.952	4.949f	18736343	31427608	36.079	211.692 #
26)	Chlordane-4	6.036	5.035	28374411	38616536	45.023	263.130 #
27)	Chlordane-5	6.915f	5.915f	-367550	1818078	N.D.	37.589

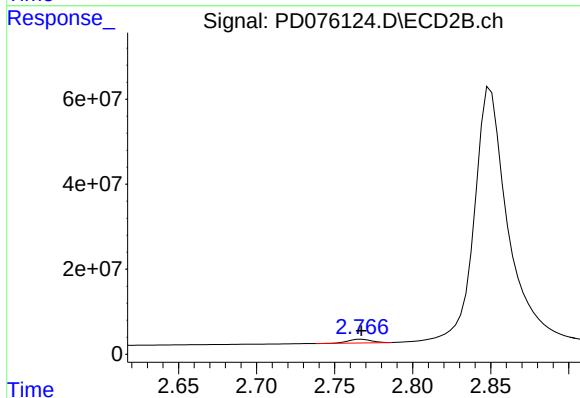
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

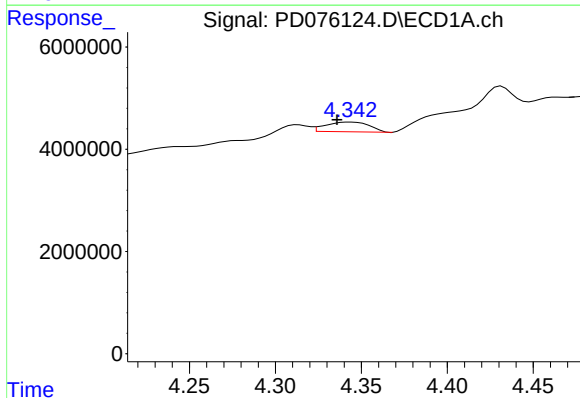
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 19578019
Conc: 9.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMPOSIT-SB-25



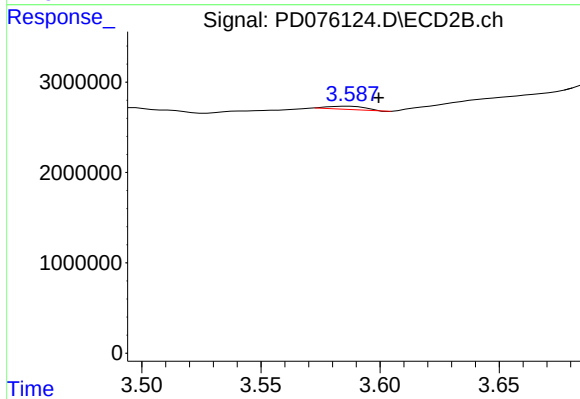
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 8779470
Conc: 8.09 ng/ml



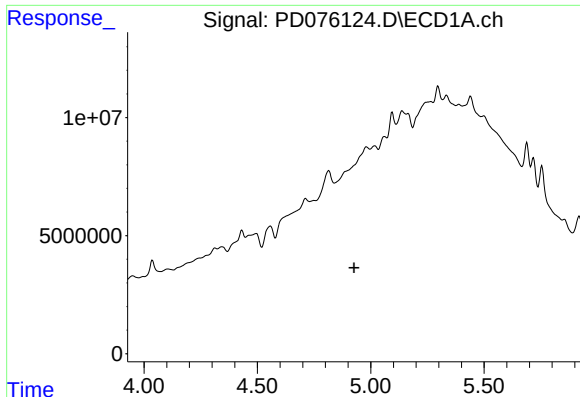
#3 gamma-BHC (Lindane)

R.T.: 4.344 min
Delta R.T.: 0.008 min
Response: 3383308
Conc: 1.01 ng/ml



#3 gamma-BHC (Lindane)

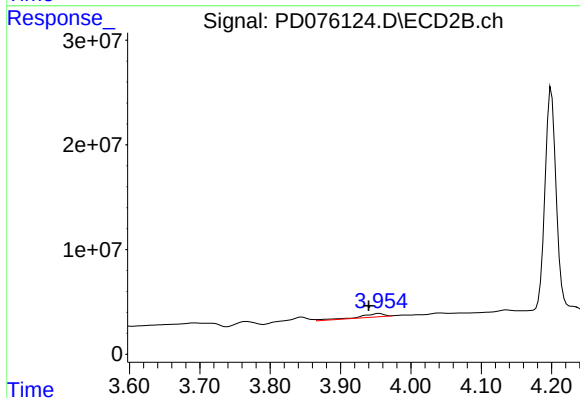
R.T.: 3.587 min
Delta R.T.: -0.013 min
Response: 401788
Conc: 0.27 ng/ml



#4 Heptachlor

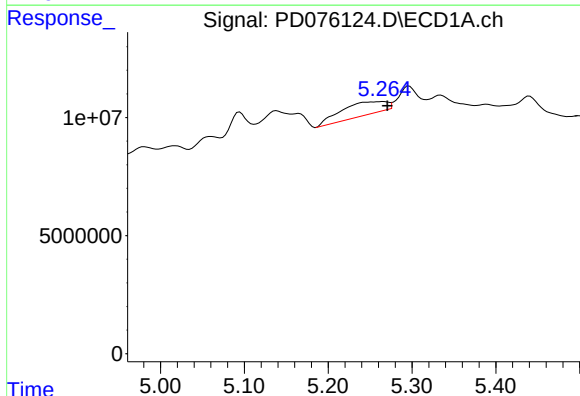
R.T.: 0.000 min
Exp R.T.: 4.927 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
COMPOSIT-SB-25



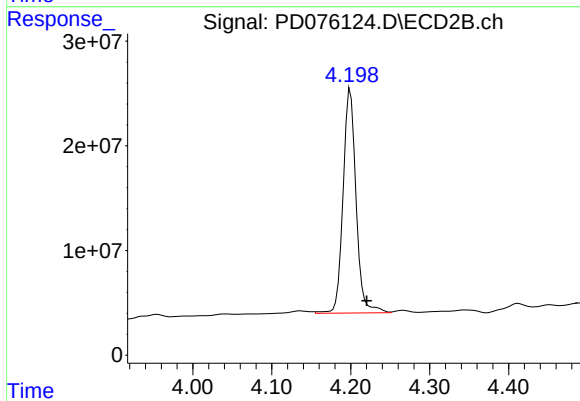
#4 Heptachlor

R.T.: 3.955 min
Delta R.T.: 0.015 min
Response: 8011705
Conc: 5.27 ng/ml



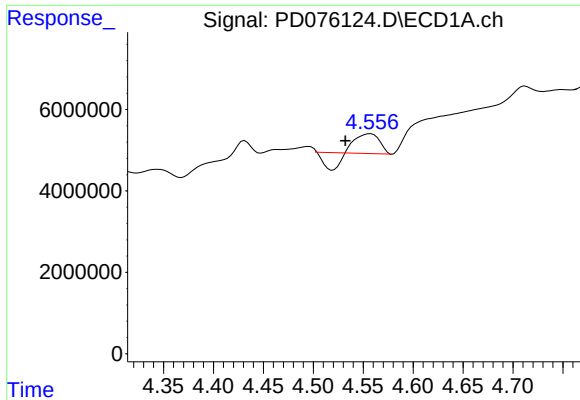
#5 Aldrin

R.T.: 5.266 min
Delta R.T.: -0.005 min
Response: 21055976
Conc: 6.01 ng/ml



#5 Aldrin

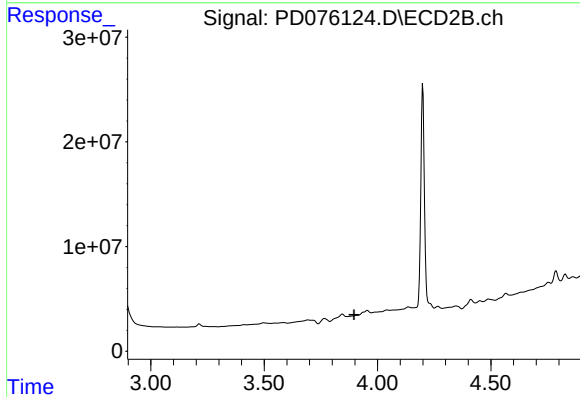
R.T.: 4.200 min
Delta R.T.: -0.021 min
Response: 244940351
Conc: 164.26 ng/ml



#6 beta-BHC

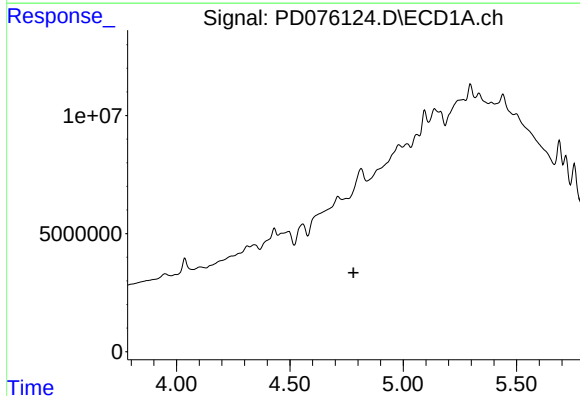
R.T.: 4.557 min
Delta R.T.: 0.025 min
Response: 4451389
Conc: 3.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMPOSIT-SB-25



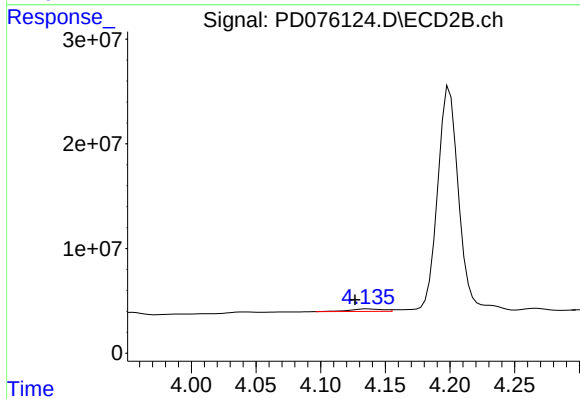
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 3.896 min
Response: 0
Conc: N.D.



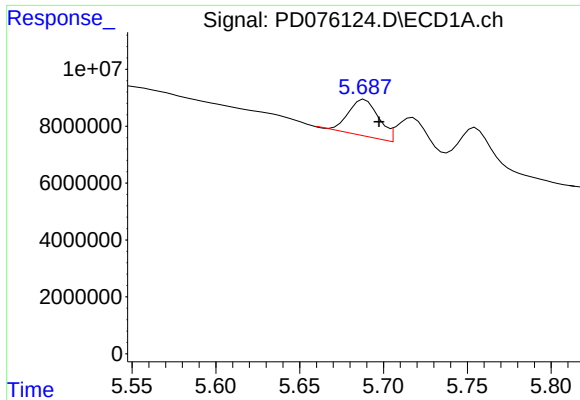
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.781 min
Response: 0
Conc: N.D.



#7 delta-BHC

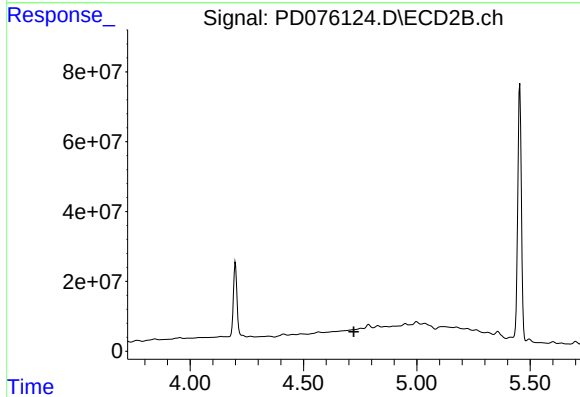
R.T.: 4.136 min
Delta R.T.: 0.010 min
Response: 4141614
Conc: 2.86 ng/ml



#8 Heptachlor epoxide

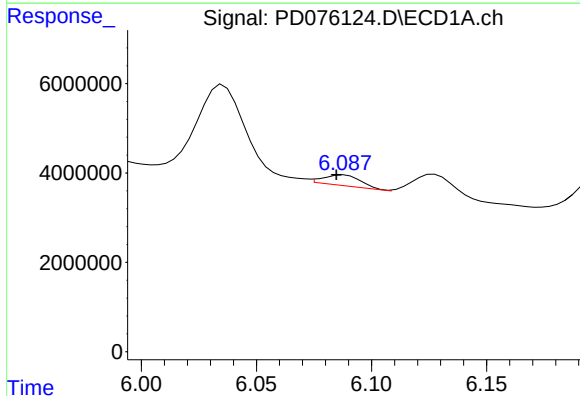
R.T.: 5.689 min
Delta R.T.: -0.009 min
Response: 16188121
Conc: 5.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMPOSIT-SB-25



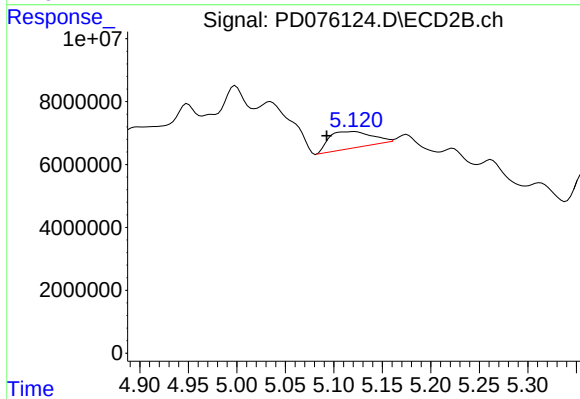
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.723 min
Response: 0
Conc: N.D.



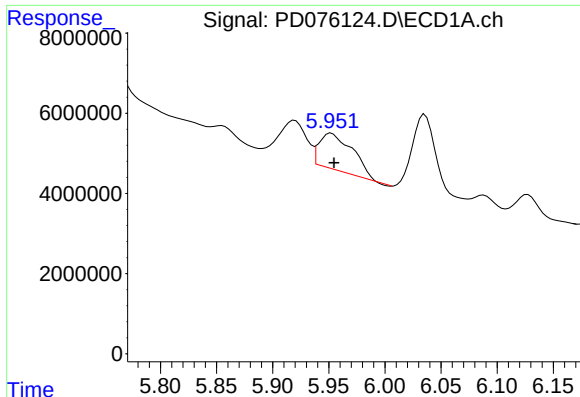
#9 Endosulfan I

R.T.: 6.088 min
Delta R.T.: 0.003 min
Response: 2773940
Conc: 0.92 ng/ml



#9 Endosulfan I

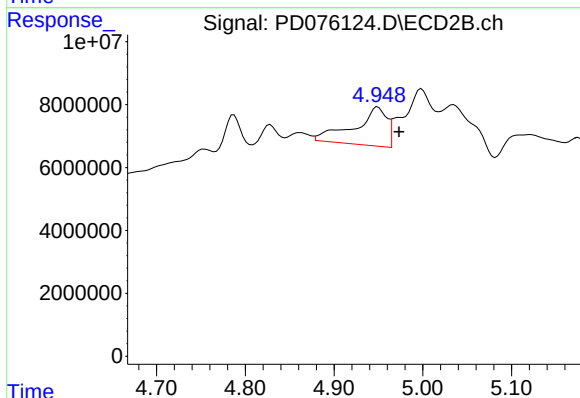
R.T.: 5.122 min
Delta R.T.: 0.029 min
Response: 16225235
Conc: 12.69 ng/ml



#10 gamma-Chlordane

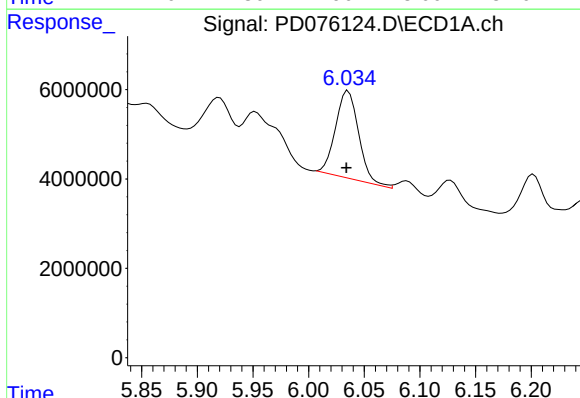
R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 18736343
Conc: 5.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMPOSIT-SB-25



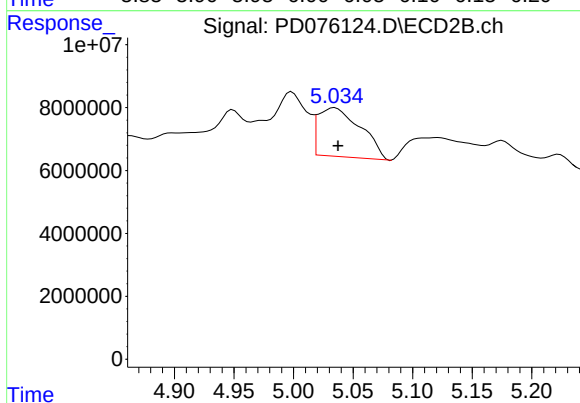
#10 gamma-Chlordane

R.T.: 4.949 min
Delta R.T.: -0.024 min
Response: 31427608
Conc: 22.90 ng/ml



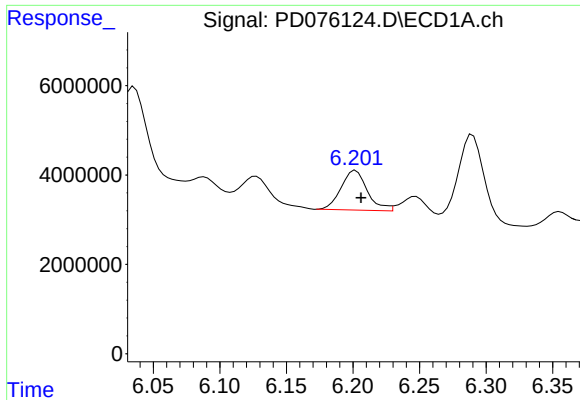
#11 alpha-Chlordane

R.T.: 6.036 min
Delta R.T.: 0.002 min
Response: 28374411
Conc: 8.78 ng/ml



#11 alpha-Chlordane

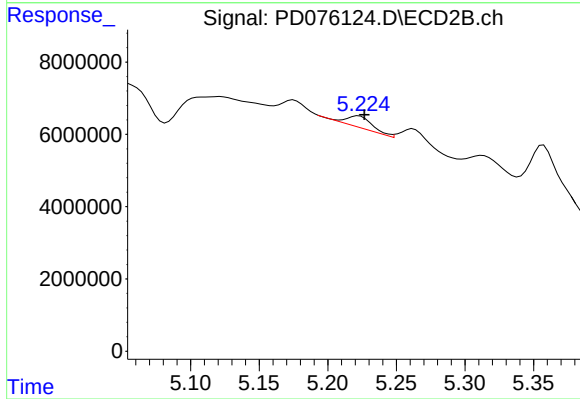
R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 38616536
Conc: 28.15 ng/ml



#12 4,4'-DDE

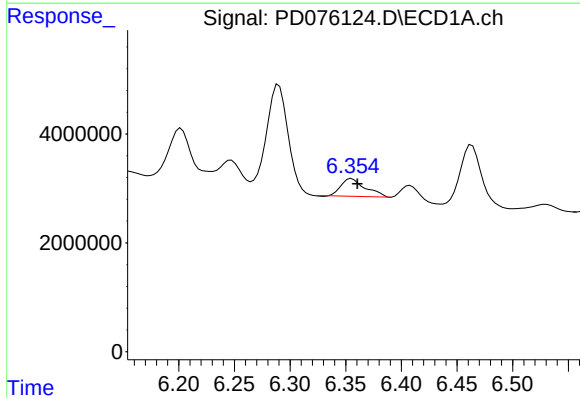
R.T.: 6.202 min
Delta R.T.: -0.004 min
Response: 12248679
Conc: 4.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMPOSIT-SB-25



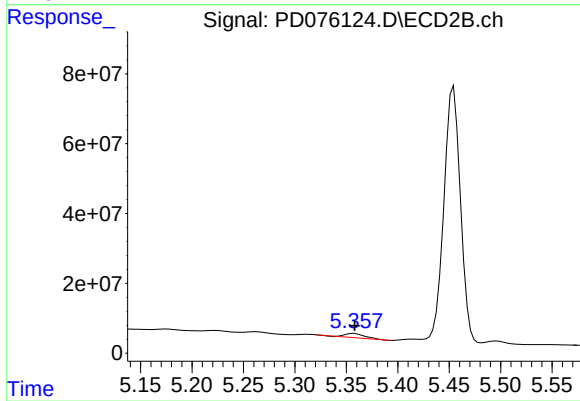
#12 4,4'-DDE

R.T.: 5.223 min
Delta R.T.: -0.004 min
Response: 4621495
Conc: 4.14 ng/ml



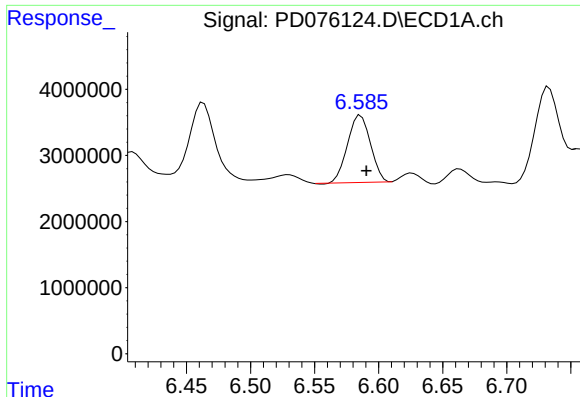
#13 Dieldrin

R.T.: 6.355 min
Delta R.T.: -0.005 min
Response: 4918491
Conc: 1.57 ng/ml



#13 Dieldrin

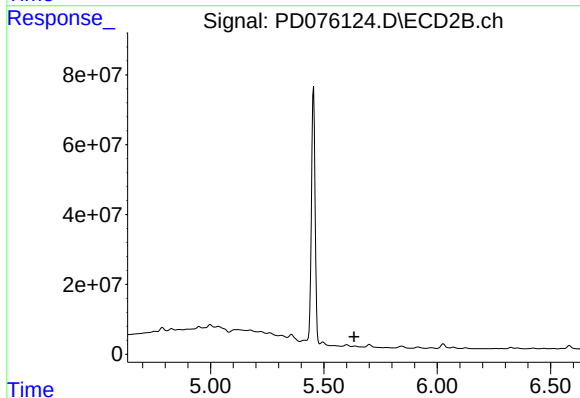
R.T.: 5.357 min
Delta R.T.: 0.000 min
Response: 17629939
Conc: 13.07 ng/ml



#14 Endrin

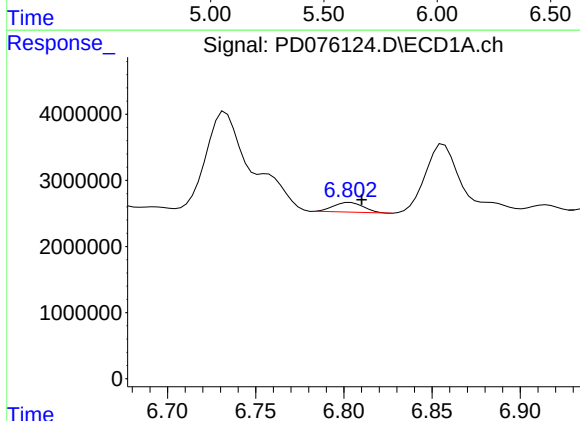
R.T.: 6.586 min
Delta R.T.: -0.005 min
Response: 12673994
Conc: 4.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMPOSIT-SB-25



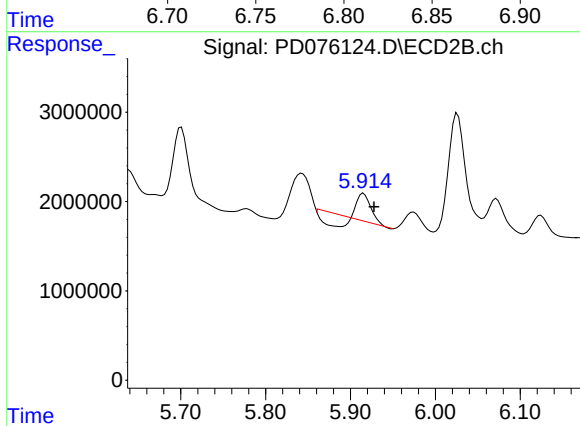
#14 Endrin

R.T.: 5.638 min
Delta R.T.: 0.005 min
Response: -5017027
Conc: N.D.



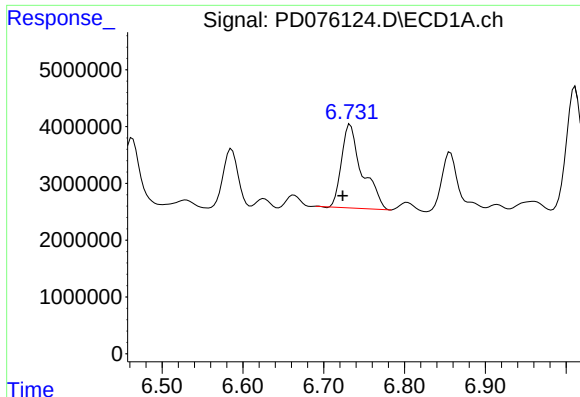
#15 Endosulfan II

R.T.: 6.804 min
Delta R.T.: -0.007 min
Response: 1742605
Conc: 0.67 ng/ml



#15 Endosulfan II

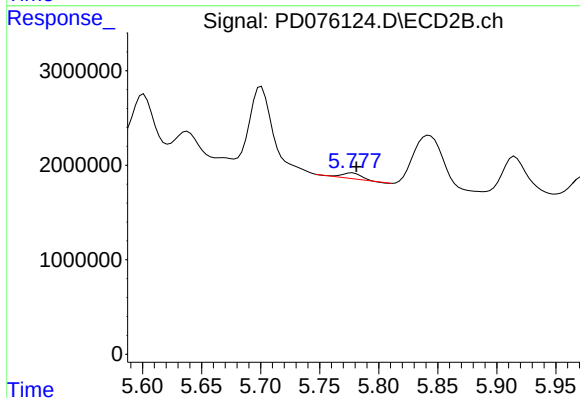
R.T.: 5.915 min
Delta R.T.: -0.012 min
Response: 1818078
Conc: 1.69 ng/ml



#16 4,4'-DDD

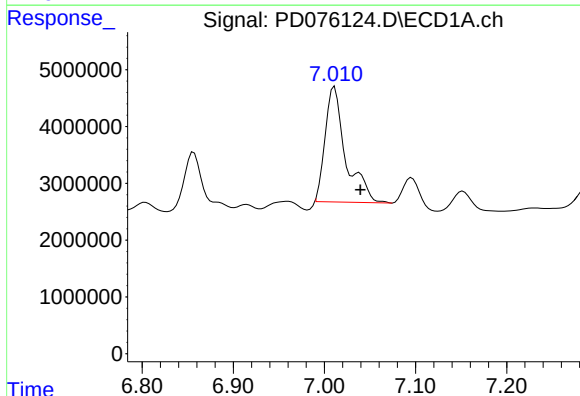
R.T.: 6.733 min
Delta R.T.: 0.009 min
Response: 26073649
Conc: 11.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMPOSIT-SB-25



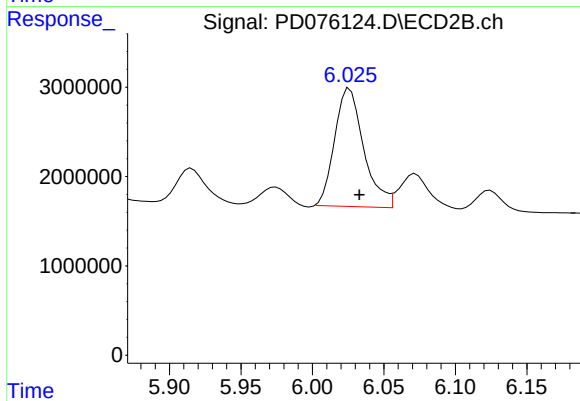
#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 749738
Conc: 0.85 ng/ml



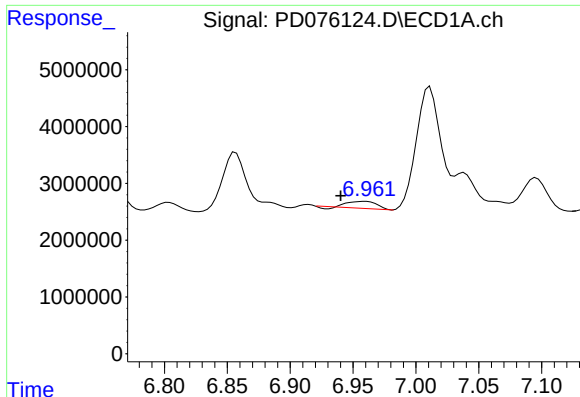
#17 4,4'-DDT

R.T.: 7.011 min
Delta R.T.: -0.028 min
Response: 31834669
Conc: 14.03 ng/ml



#17 4,4'-DDT

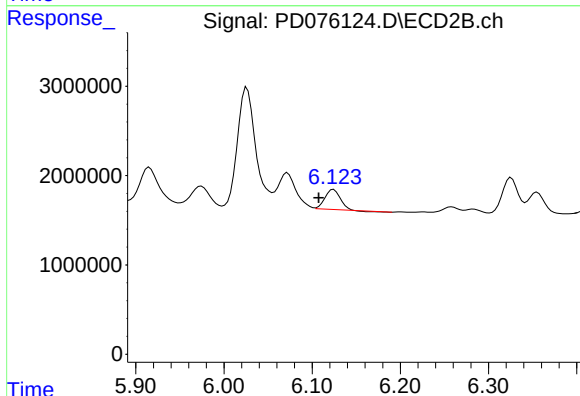
R.T.: 6.026 min
Delta R.T.: -0.007 min
Response: 18752007
Conc: 23.09 ng/ml



#18 Endrin aldehyde

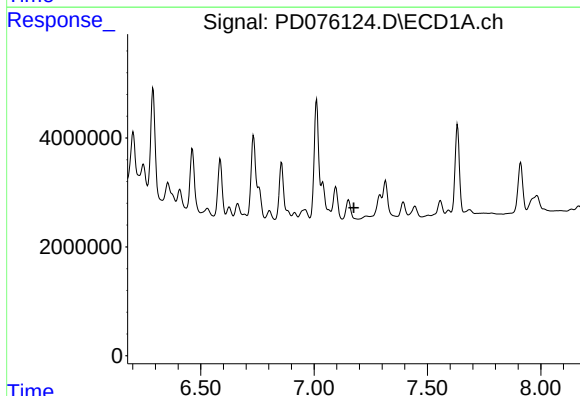
R.T.: 6.961 min
Delta R.T.: 0.020 min
Response: 1820597
Conc: 0.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMPOSIT-SB-25



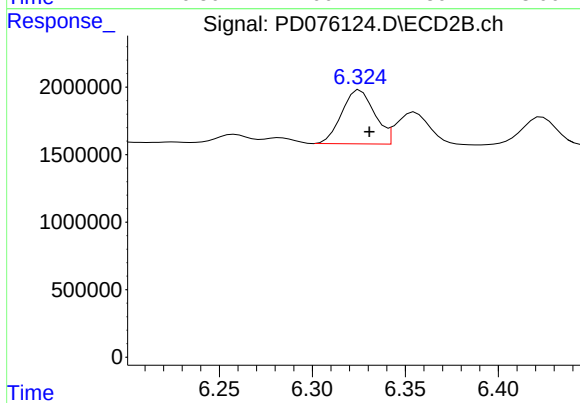
#18 Endrin aldehyde

R.T.: 6.124 min
Delta R.T.: 0.017 min
Response: 2644524
Conc: 3.06 ng/ml



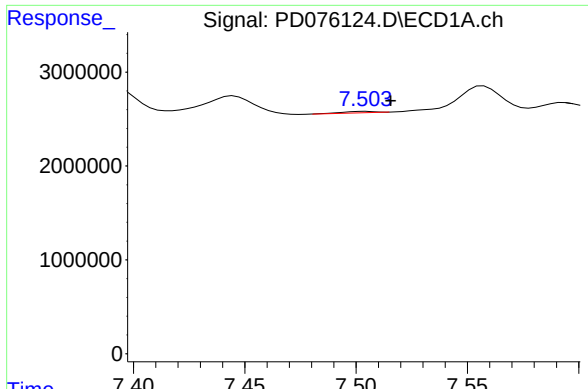
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.175 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

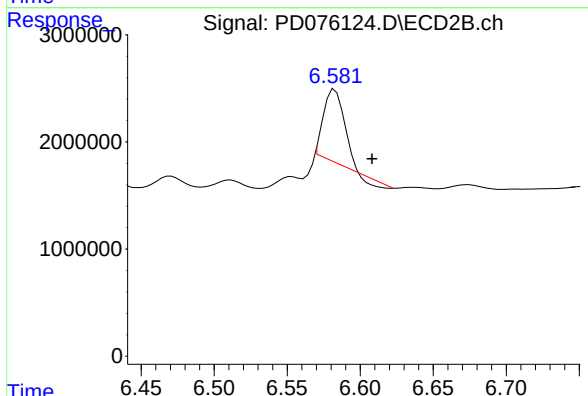
R.T.: 6.326 min
Delta R.T.: -0.005 min
Response: 4885875
Conc: 4.52 ng/ml



#20 Methoxychlor

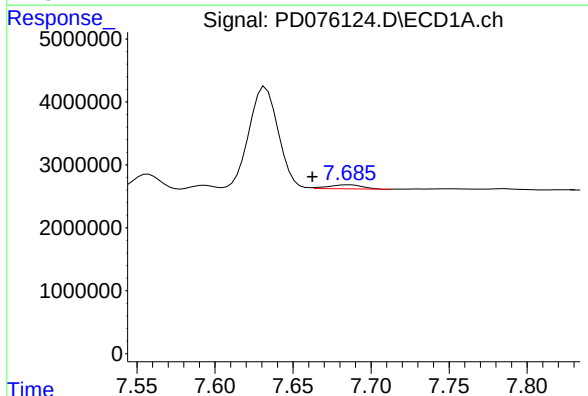
R.T.: 7.504 min
Delta R.T.: -0.011 min
Response: 158348
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMPOSIT-SB-25



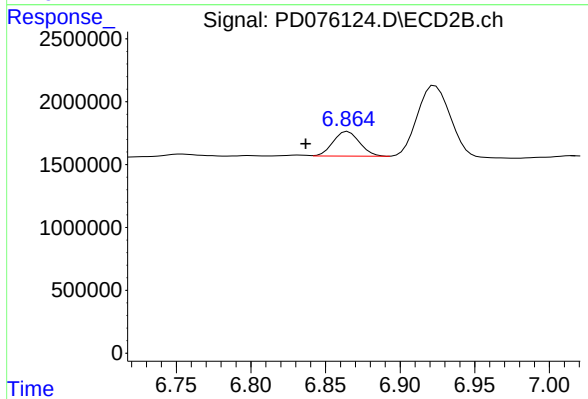
#20 Methoxychlor

R.T.: 6.583 min
Delta R.T.: -0.025 min
Response: 6279791
Conc: 13.57 ng/ml



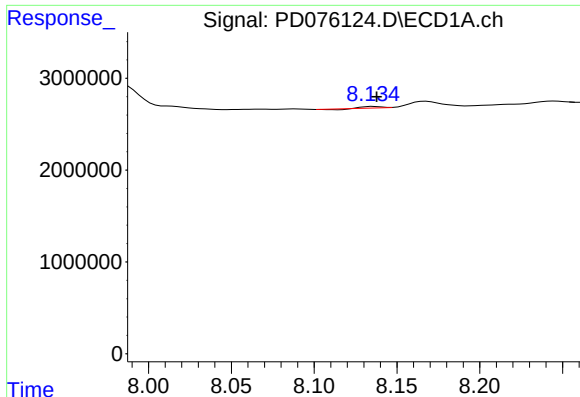
#21 Endrin ketone

R.T.: 7.686 min
Delta R.T.: 0.023 min
Response: 950581
Conc: 0.34 ng/ml



#21 Endrin ketone

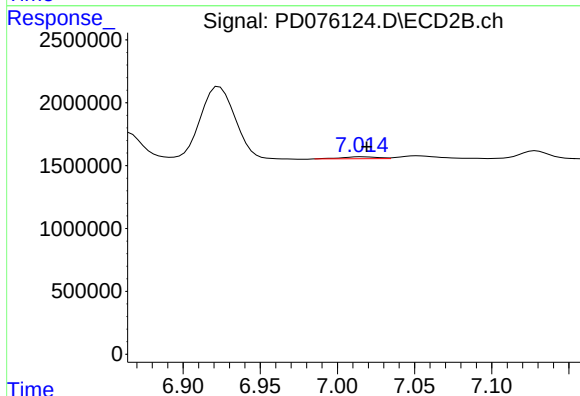
R.T.: 6.865 min
Delta R.T.: 0.028 min
Response: 2414528
Conc: 1.99 ng/ml



#22 Mirex

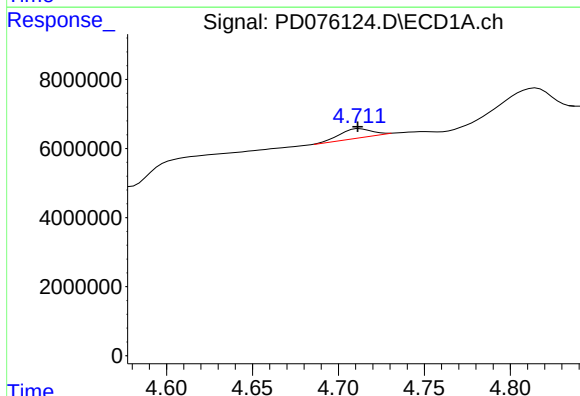
R.T.: 8.136 min
Delta R.T.: -0.002 min
Response: 66152
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMPOSIT-SB-25



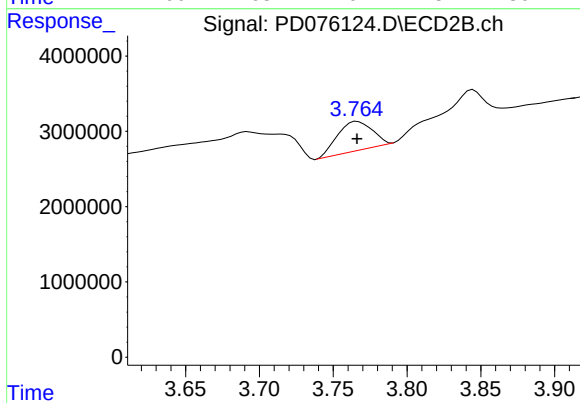
#22 Mirex

R.T.: 7.016 min
Delta R.T.: -0.003 min
Response: 261999
Conc: 0.25 ng/ml



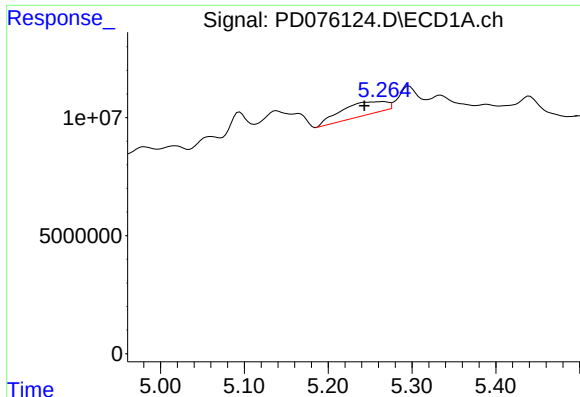
#23 Chlordane-1

R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 3456578
Conc: 30.06 ng/ml



#23 Chlordane-1

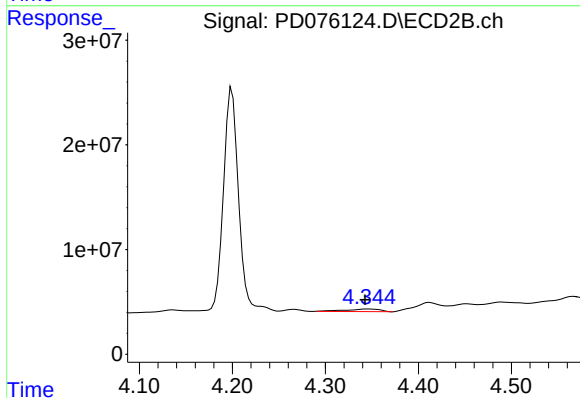
R.T.: 3.766 min
Delta R.T.: 0.000 min
Response: 6322865
Conc: 138.14 ng/ml



#24 Chlordane-2

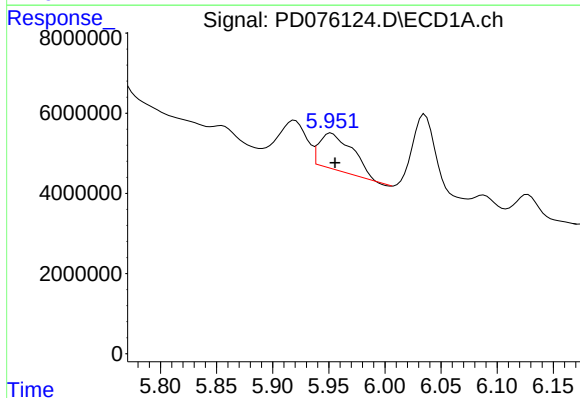
R.T.: 5.266 min
Delta R.T.: 0.023 min
Response: 21055976
Conc: 159.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMPOSIT-SB-25



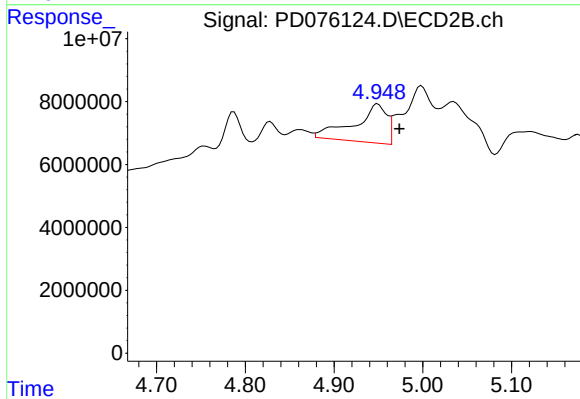
#24 Chlordane-2

R.T.: 4.346 min
Delta R.T.: 0.003 min
Response: 6409112
Conc: 120.89 ng/ml



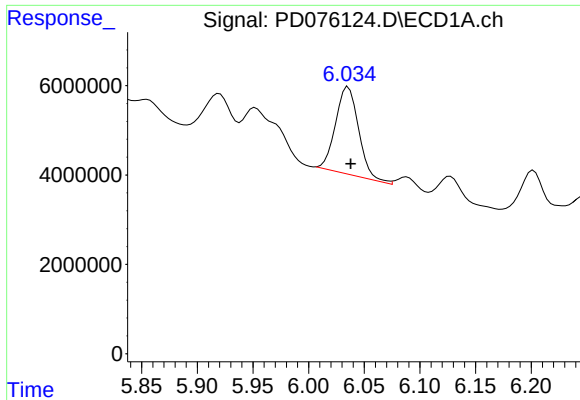
#25 Chlordane-3

R.T.: 5.952 min
Delta R.T.: -0.003 min
Response: 18736343
Conc: 36.08 ng/ml



#25 Chlordane-3

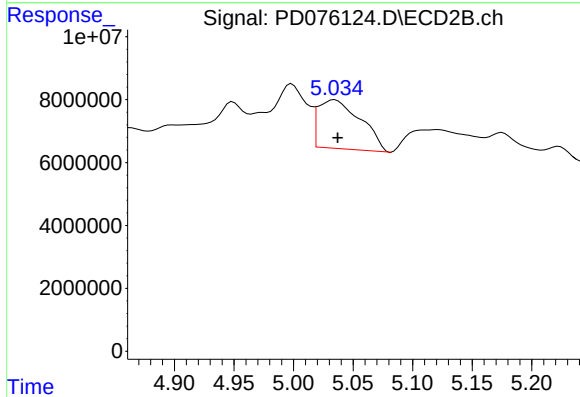
R.T.: 4.949 min
Delta R.T.: -0.024 min
Response: 31427608
Conc: 211.69 ng/ml



#26 Chlordane-4

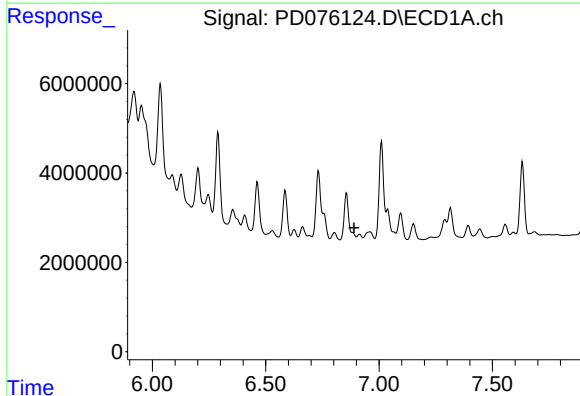
R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 28374411
Conc: 45.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMPOSIT-SB-25



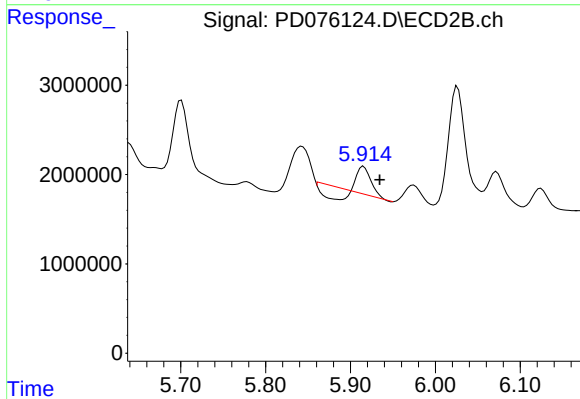
#26 Chlordane-4

R.T.: 5.035 min
Delta R.T.: -0.003 min
Response: 38616536
Conc: 263.13 ng/ml



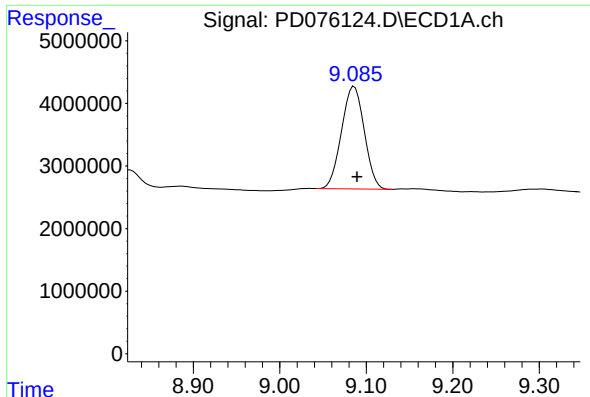
#27 Chlordane-5

R.T.: 6.915 min
Delta R.T.: 0.024 min
Response: -367550
Conc: N.D.



#27 Chlordane-5

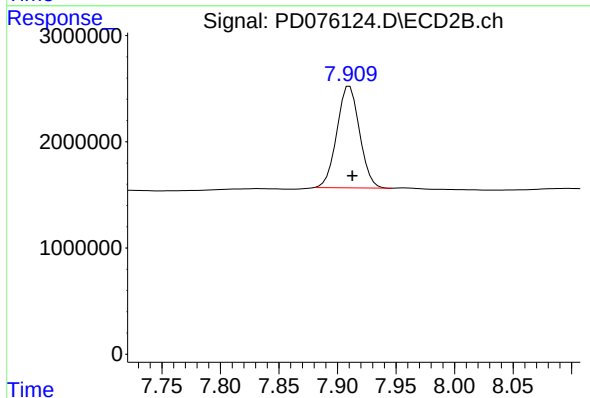
R.T.: 5.915 min
Delta R.T.: -0.019 min
Response: 1818078
Conc: 37.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: -0.003 min
Response: 29848467
Conc: 11.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
COMPOSIT-SB-25



#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: -0.002 min
Response: 12876265
Conc: 13.17 ng/ml