

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060621\
 Data File : PD063495.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Jun 2021 10:17
 Operator : AR\AJ
 Sample : M2589-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 18-B7(2-4)

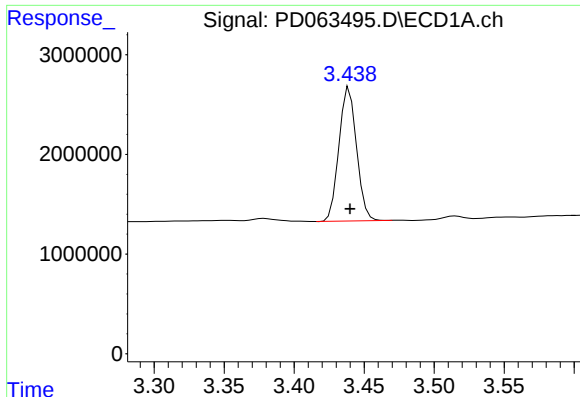
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 07 08:14:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD060221.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 03 01:33:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.439	3.971	11768420	123.9E6	8.505	9.246
2)	SA Decachlor...	8.195	9.026	13765232	133.5E6	8.753	9.664
Target Compounds							
3)	MA gamma-BHC...	0.000	4.643	0	443681	N.D.	0.023 #
4)	MA Heptachlor	4.460	5.151	3734516	24325553	1.923	1.273 #
5)	MB Aldrin	4.712	5.479f	587350	2000200	0.311	0.103 #
6)	B beta-BHC	0.000	4.842f	0	14592134	N.D.	1.853 #
8)	B Heptachlo...	0.000	5.831	0	27041930	N.D.	1.479 #
9)	A Endosulfan I	0.000	6.190	0	3266429	N.D.	0.192 #
10)	B gamma-Chl...	5.378	6.075	4928788	128.0E6	2.760	6.889 #
11)	B alpha-Chl...	5.435	6.149	10582733	242.5E6	5.985	13.638 #
12)	B 4,4'-DDE	5.600	6.302	5020526	69065570	2.887	3.800 #
13)	MA Dieldrin	5.725	6.445	4532738	13305133	2.581	0.735 #
14)	MA Endrin	5.990	6.664	1008534	10836079	0.634	0.705
15)	B Endosulfa...	6.272	6.865f	4677683	3431840	3.336	0.233 #
16)	A 4,4'-DDD	0.000	6.800	0	35315868	N.D.	2.374 #
17)	MA 4,4'-DDT	6.355	7.092	6105727	21605994	4.226	1.435 #
18)	B Endrin al...	6.448f	7.015	770781	-3826910	0.648	N.D. #
19)	B Endosulfa...	6.642	7.199f	1312348	3014842	1.027	0.199 #
20)	A Methoxychlor	6.888f	7.537	2643952	344724	3.315	0.047 #
21)	B Endrin ke...	7.164f	0.000	1804090	0	1.017	N.D. #
22)	Mirex	0.000	8.179f	0	2164566	N.D.	0.216 #
23)	Chlordane-1	4.308	4.962	7345073	64580283	151.307	111.647 #
24)	Chlordane-2	4.810	5.429	8766121	63807378	150.305	114.050
25)	Chlordane-3	5.378	6.075	4928788	128.0E6	28.978	51.802 #
26)	Chlordane-4	5.435	6.149	10582733	242.5E6	75.926	84.825
27)	Chlordane-5	6.272	6.952	4677683	6892772	84.500	13.192 #

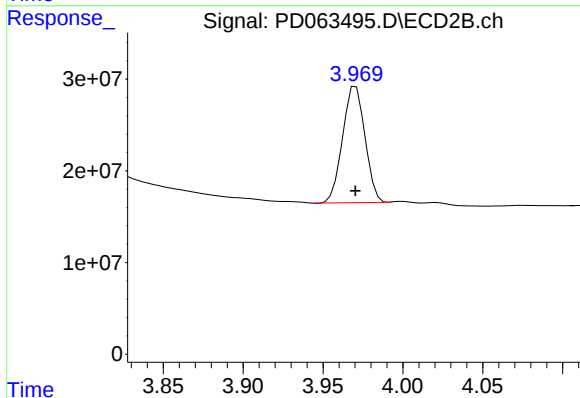
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

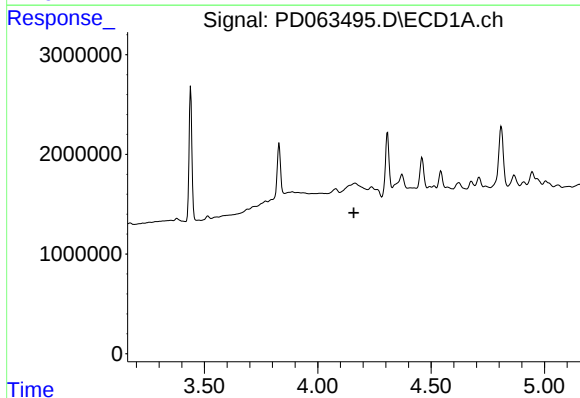
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 11768420
Conc: 8.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B7(2-4)



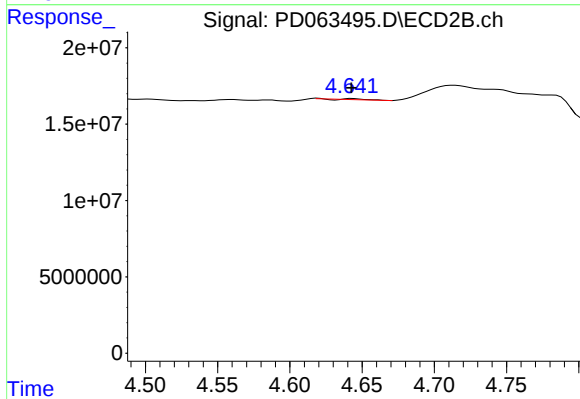
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: 0.000 min
Response: 123881018
Conc: 9.25 ng/ml



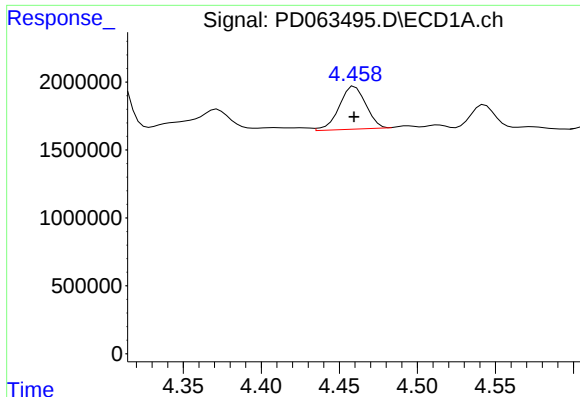
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 4.159 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

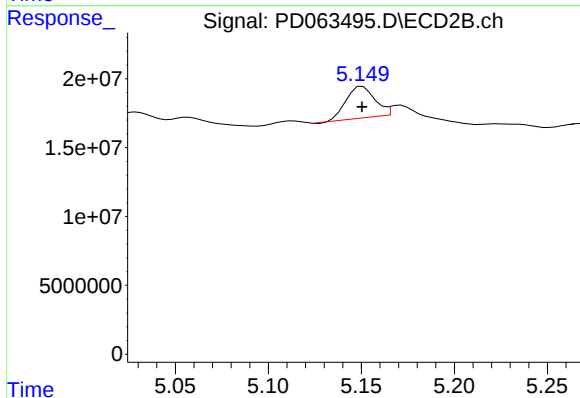
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 443681
Conc: 0.02 ng/ml



#4 Heptachlor

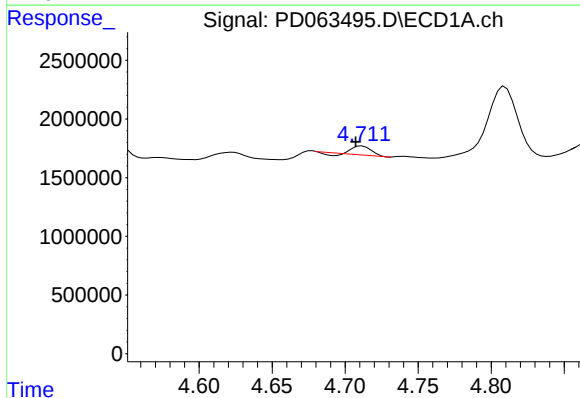
R.T.: 4.460 min
Delta R.T.: 0.000 min
Response: 3734516
Conc: 1.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B7(2-4)



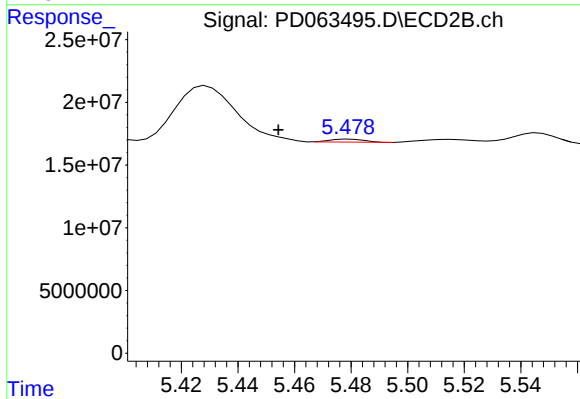
#4 Heptachlor

R.T.: 5.151 min
Delta R.T.: 0.000 min
Response: 24325553
Conc: 1.27 ng/ml



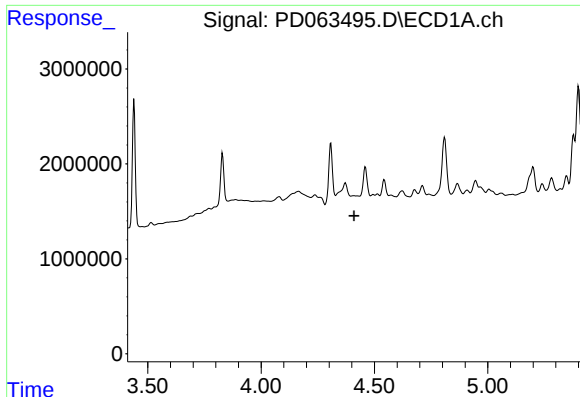
#5 Aldrin

R.T.: 4.712 min
Delta R.T.: 0.004 min
Response: 587350
Conc: 0.31 ng/ml



#5 Aldrin

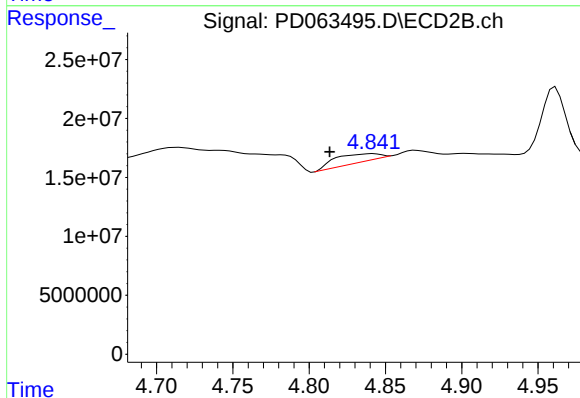
R.T.: 5.479 min
Delta R.T.: 0.025 min
Response: 2000200
Conc: 0.10 ng/ml



#6 beta-BHC

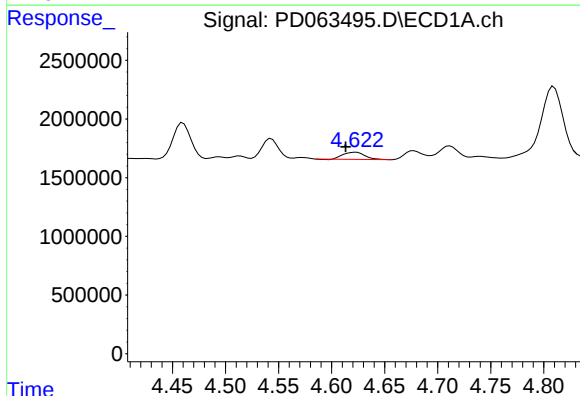
R.T.: 0.000 min
Exp R.T.: 4.410 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
18-B7(2-4)



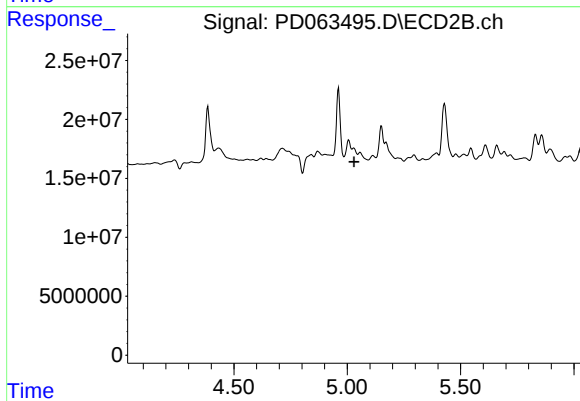
#6 beta-BHC

R.T.: 4.842 min
Delta R.T.: 0.028 min
Response: 14592134
Conc: 1.85 ng/ml



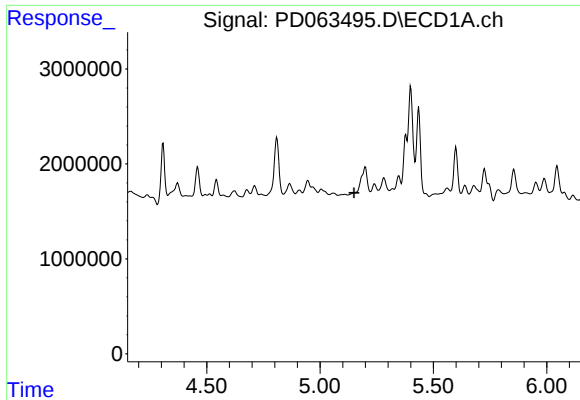
#7 delta-BHC

R.T.: 4.623 min
Delta R.T.: 0.009 min
Response: 853373
Conc: 0.44 ng/ml



#7 delta-BHC

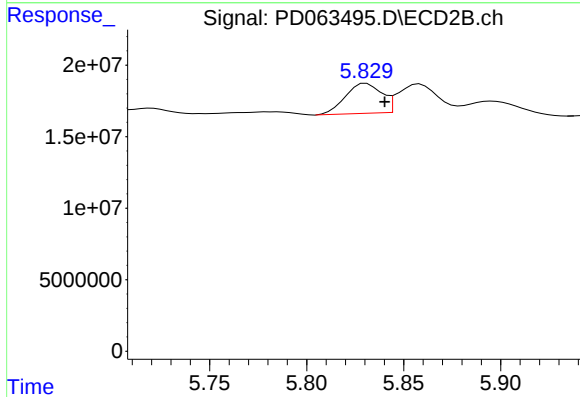
R.T.: 5.029 min
Delta R.T.: 0.000 min
Response: 5888860
Conc: N.D.



#8 Heptachlor epoxide

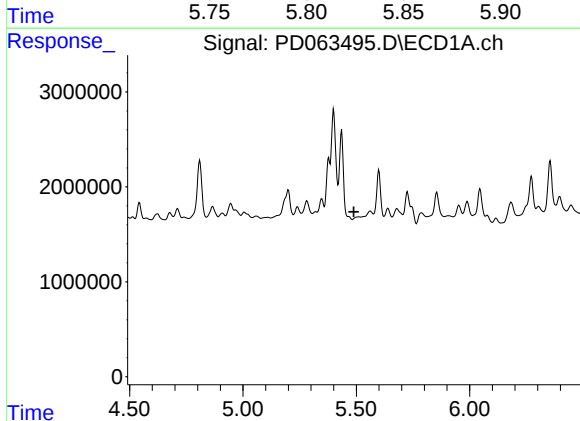
R.T.: 0.000 min
Exp R.T.: 5.150 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
18-B7(2-4)



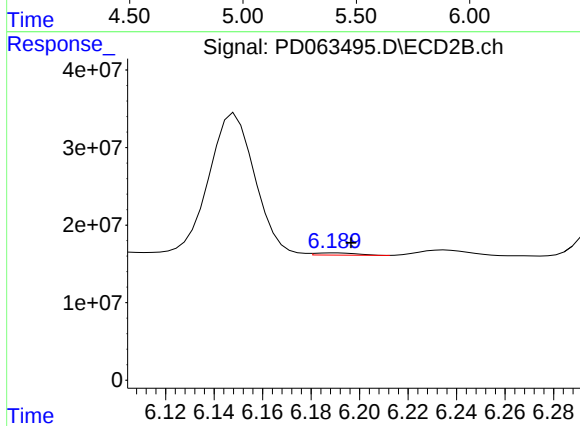
#8 Heptachlor epoxide

R.T.: 5.831 min
Delta R.T.: -0.010 min
Response: 27041930
Conc: 1.48 ng/ml



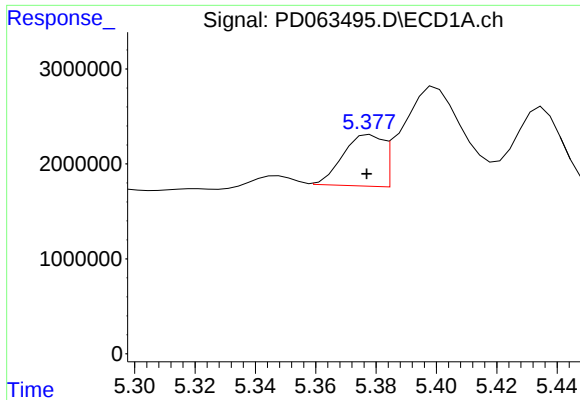
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 5.489 min
Response: 0
Conc: N.D.



#9 Endosulfan I

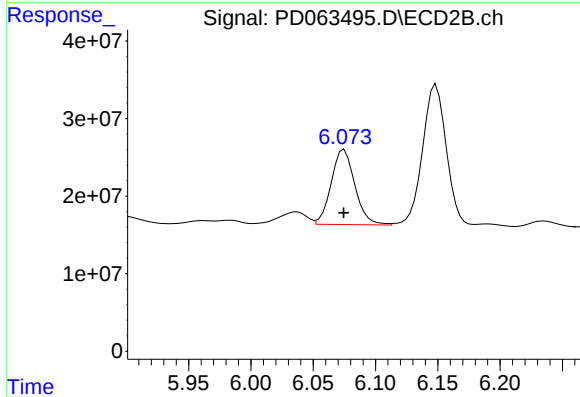
R.T.: 6.190 min
Delta R.T.: -0.006 min
Response: 3266429
Conc: 0.19 ng/ml



#10 gamma-Chlordane

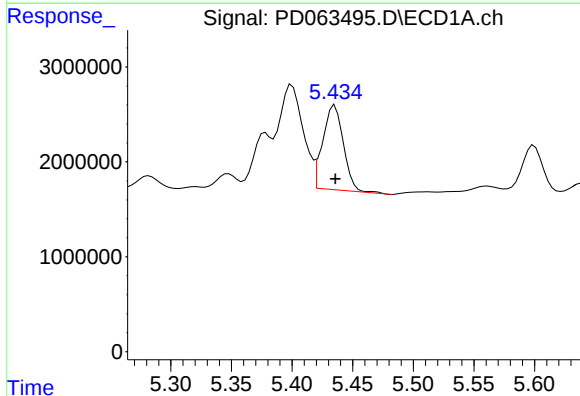
R.T.: 5.378 min
Delta R.T.: 0.001 min
Response: 4928788
Conc: 2.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B7(2-4)



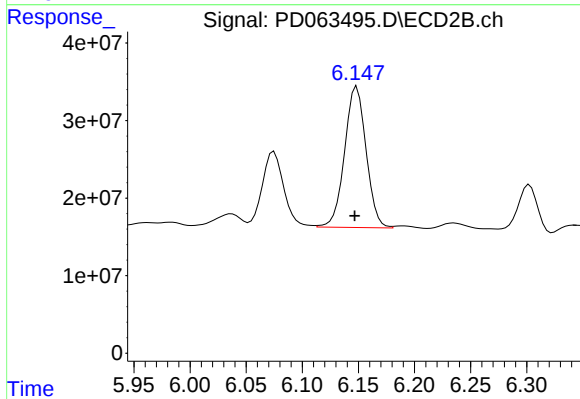
#10 gamma-Chlordane

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 127981695
Conc: 6.89 ng/ml



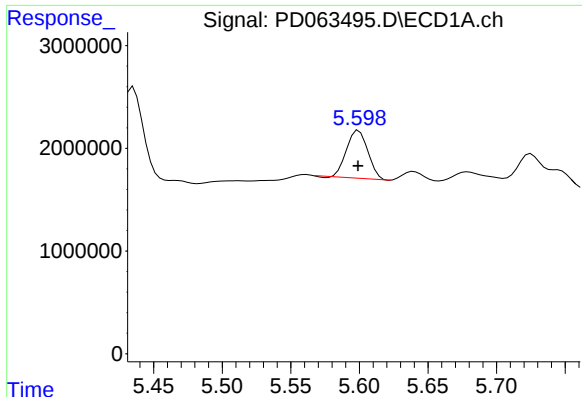
#11 alpha-Chlordane

R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 10582733
Conc: 5.98 ng/ml



#11 alpha-Chlordane

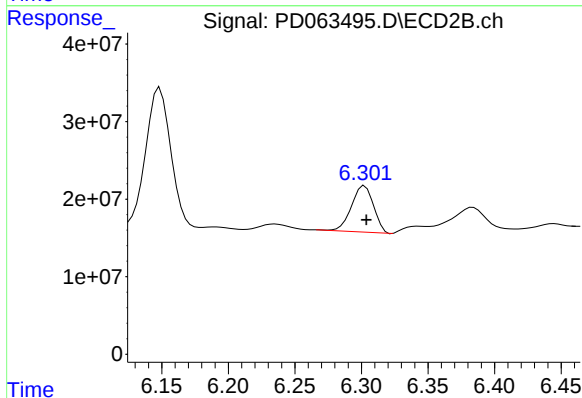
R.T.: 6.149 min
Delta R.T.: 0.002 min
Response: 242456780
Conc: 13.64 ng/ml



#12 4,4'-DDE

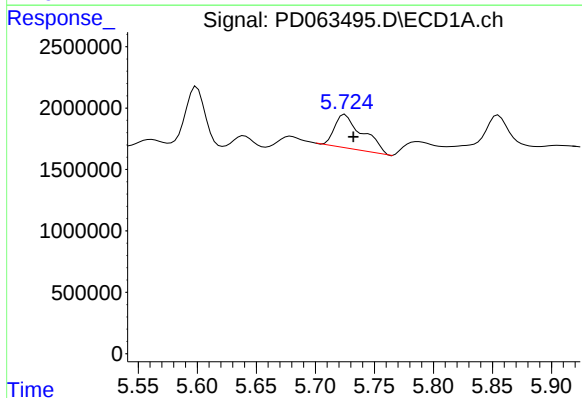
R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 5020526
Conc: 2.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B7(2-4)



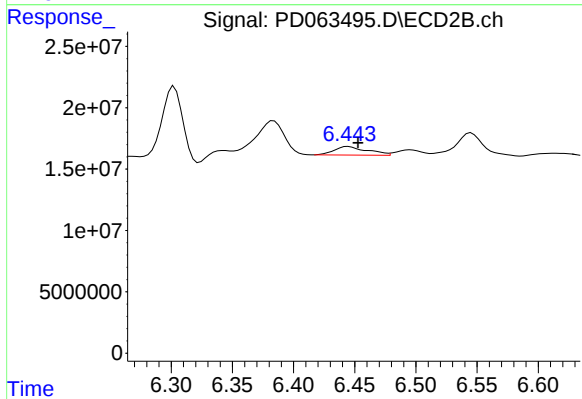
#12 4,4'-DDE

R.T.: 6.302 min
Delta R.T.: -0.001 min
Response: 69065570
Conc: 3.80 ng/ml



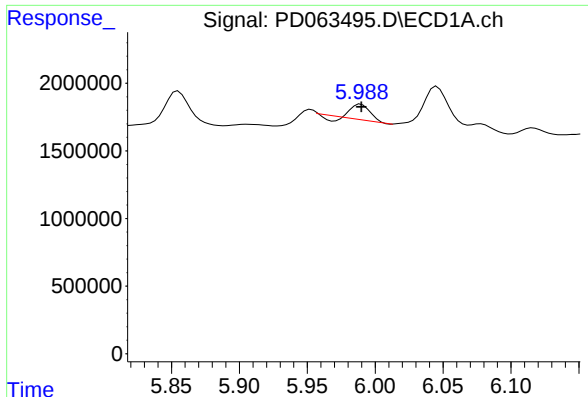
#13 Dieldrin

R.T.: 5.725 min
Delta R.T.: -0.007 min
Response: 4532738
Conc: 2.58 ng/ml



#13 Dieldrin

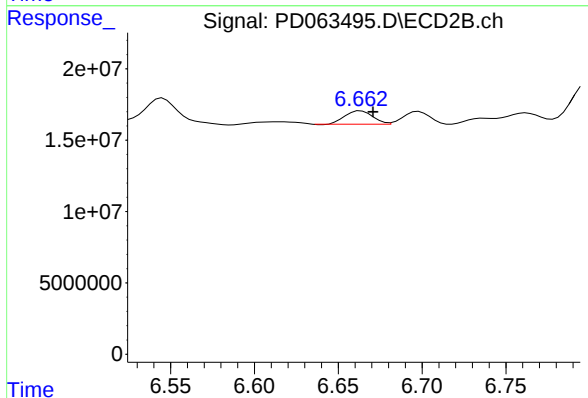
R.T.: 6.445 min
Delta R.T.: -0.008 min
Response: 13305133
Conc: 0.74 ng/ml



#14 Endrin

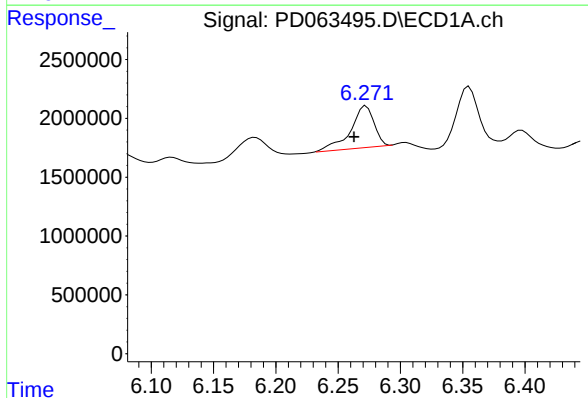
R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 1008534
Conc: 0.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B7(2-4)



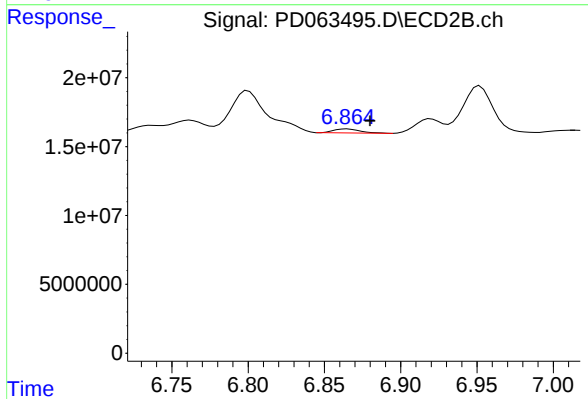
#14 Endrin

R.T.: 6.664 min
Delta R.T.: -0.007 min
Response: 10836079
Conc: 0.70 ng/ml



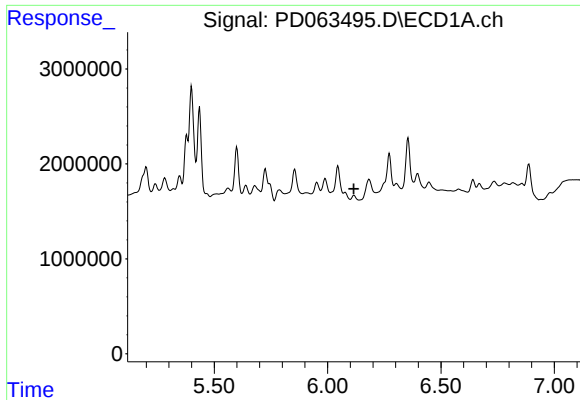
#15 Endosulfan II

R.T.: 6.272 min
Delta R.T.: 0.010 min
Response: 4677683
Conc: 3.34 ng/ml



#15 Endosulfan II

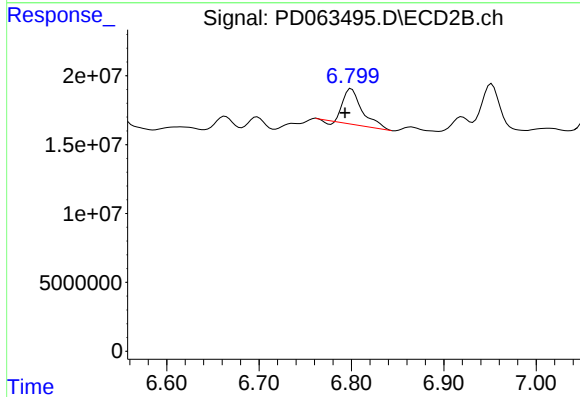
R.T.: 6.865 min
Delta R.T.: -0.015 min
Response: 3431840
Conc: 0.23 ng/ml



#16 4,4'-DDD

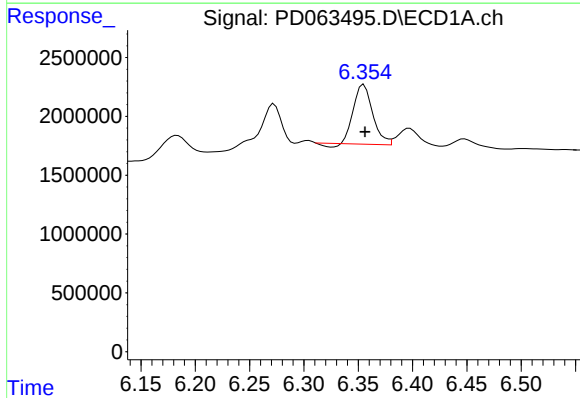
R.T.: 0.000 min
Exp R.T.: 6.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
18-B7(2-4)



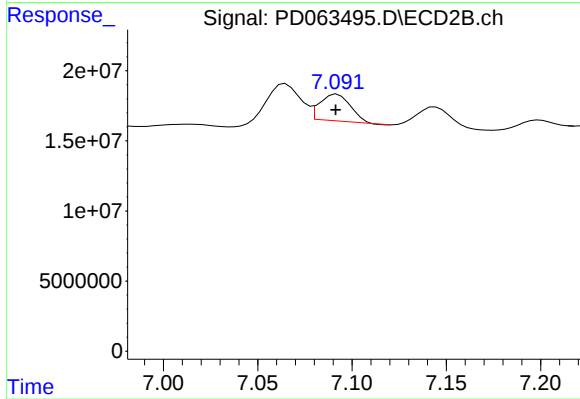
#16 4,4'-DDD

R.T.: 6.800 min
Delta R.T.: 0.007 min
Response: 35315868
Conc: 2.37 ng/ml



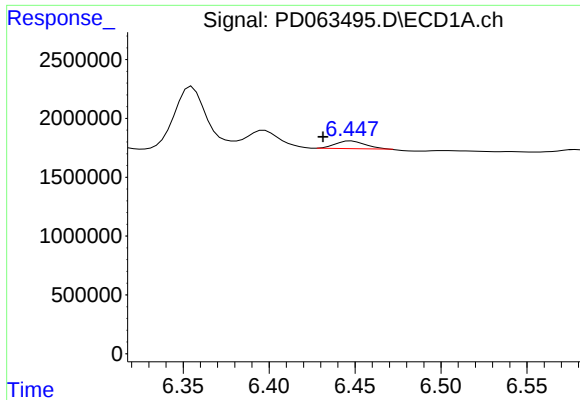
#17 4,4'-DDT

R.T.: 6.355 min
Delta R.T.: -0.001 min
Response: 6105727
Conc: 4.23 ng/ml



#17 4,4'-DDT

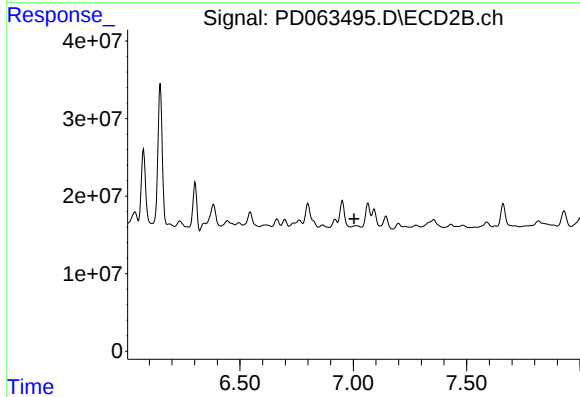
R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 21605994
Conc: 1.44 ng/ml



#18 Endrin aldehyde

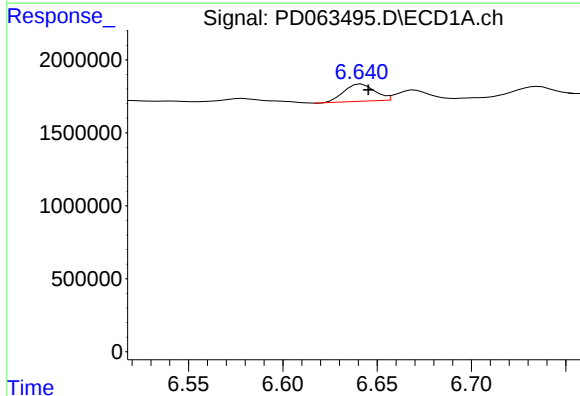
R.T.: 6.448 min
Delta R.T.: 0.017 min
Response: 770781
Conc: 0.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B7(2-4)



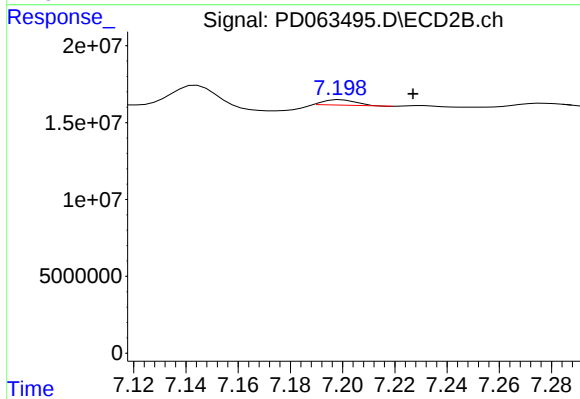
#18 Endrin aldehyde

R.T.: 7.015 min
Delta R.T.: 0.011 min
Response: -3826910
Conc: N.D.



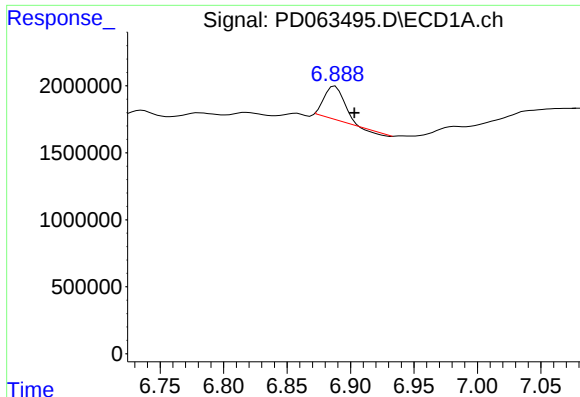
#19 Endosulfan Sulfate

R.T.: 6.642 min
Delta R.T.: -0.004 min
Response: 1312348
Conc: 1.03 ng/ml



#19 Endosulfan Sulfate

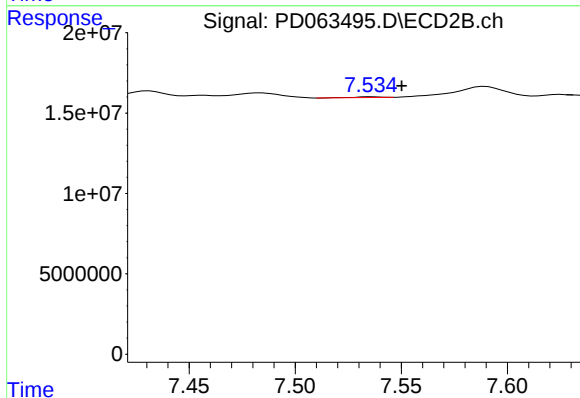
R.T.: 7.199 min
Delta R.T.: -0.028 min
Response: 3014842
Conc: 0.20 ng/ml



#20 Methoxychlor

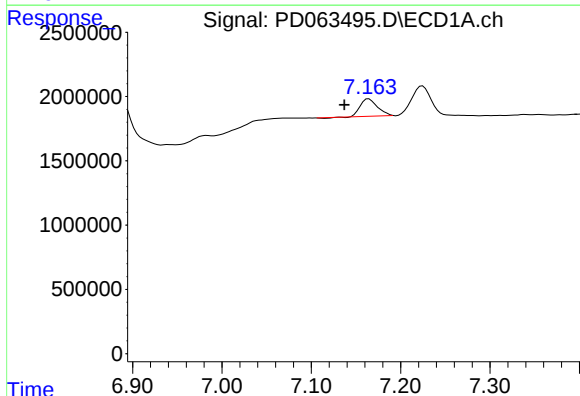
R.T.: 6.888 min
Delta R.T.: -0.015 min
Response: 2643952
Conc: 3.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B7(2-4)



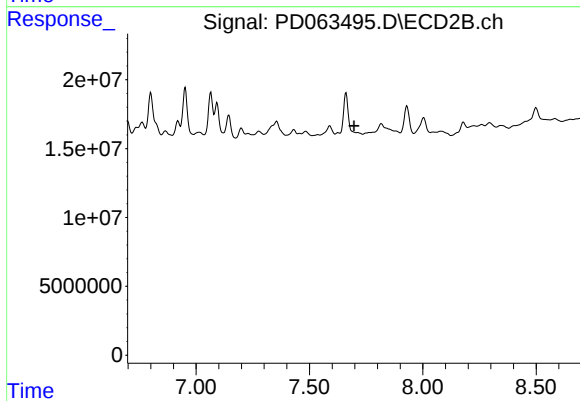
#20 Methoxychlor

R.T.: 7.537 min
Delta R.T.: -0.014 min
Response: 344724
Conc: 0.05 ng/ml



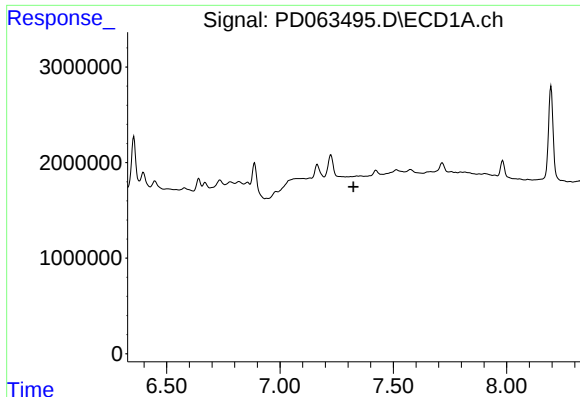
#21 Endrin ketone

R.T.: 7.164 min
Delta R.T.: 0.027 min
Response: 1804090
Conc: 1.02 ng/ml



#21 Endrin ketone

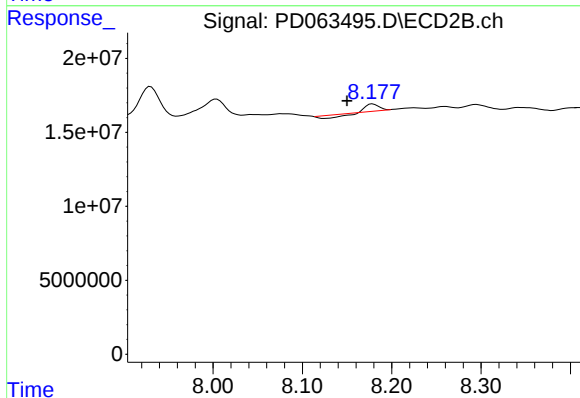
R.T.: 0.000 min
Exp R.T.: 7.697 min
Response: 0
Conc: N.D.



#22 Mirex

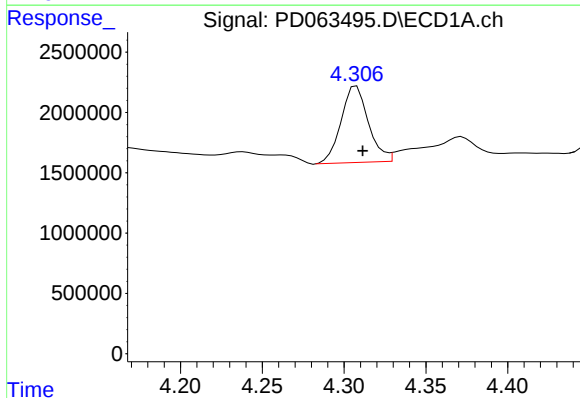
R.T.: 0.000 min
Exp R.T.: 7.325 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
18-B7(2-4)



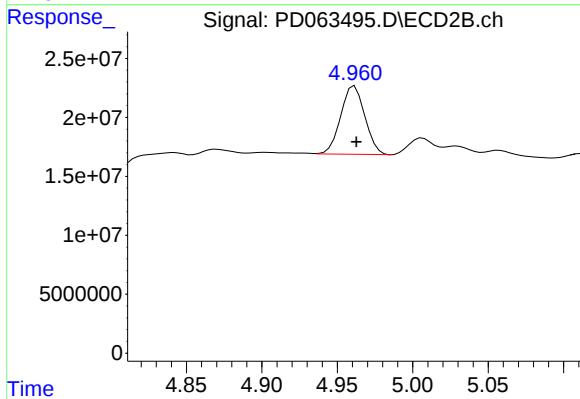
#22 Mirex

R.T.: 8.179 min
Delta R.T.: 0.029 min
Response: 2164566
Conc: 0.22 ng/ml



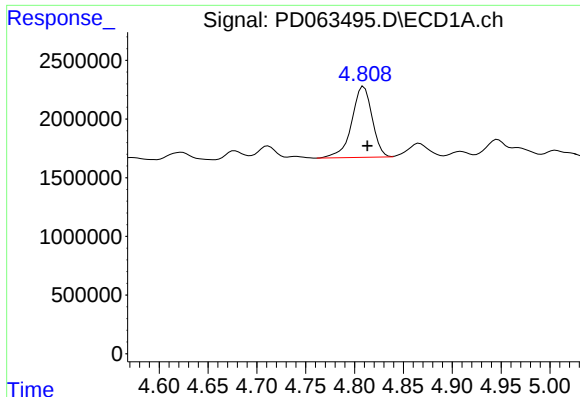
#23 Chlordane-1

R.T.: 4.308 min
Delta R.T.: -0.004 min
Response: 7345073
Conc: 151.31 ng/ml



#23 Chlordane-1

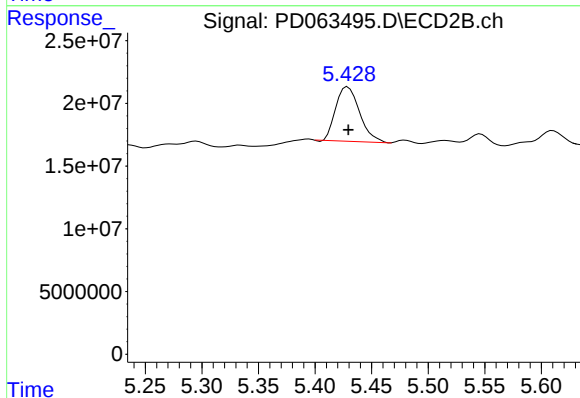
R.T.: 4.962 min
Delta R.T.: -0.001 min
Response: 64580283
Conc: 111.65 ng/ml



#24 Chlordane-2

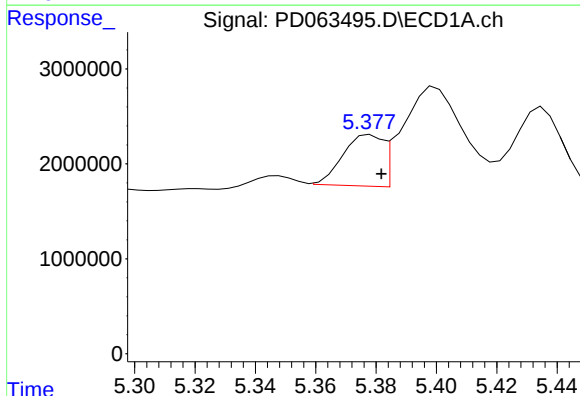
R.T.: 4.810 min
Delta R.T.: -0.004 min
Response: 8766121
Conc: 150.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B7(2-4)



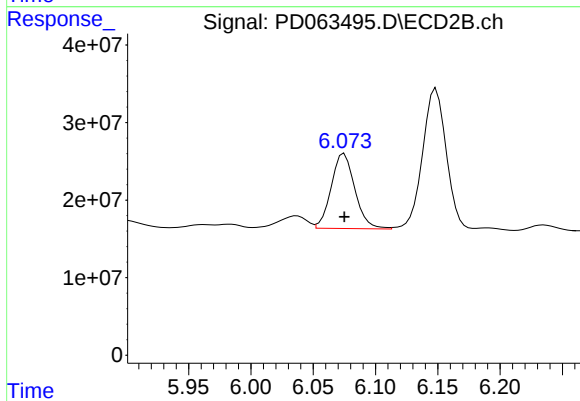
#24 Chlordane-2

R.T.: 5.429 min
Delta R.T.: 0.000 min
Response: 63807378
Conc: 114.05 ng/ml



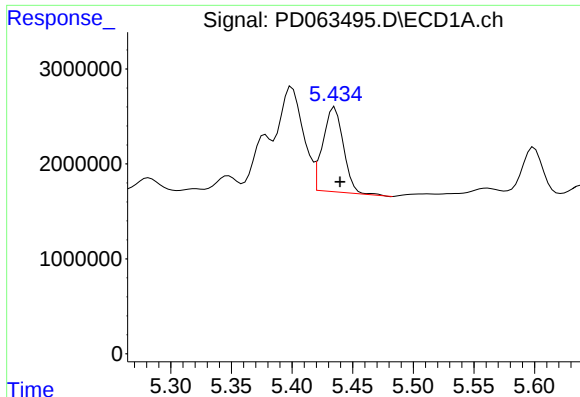
#25 Chlordane-3

R.T.: 5.378 min
Delta R.T.: -0.004 min
Response: 4928788
Conc: 28.98 ng/ml



#25 Chlordane-3

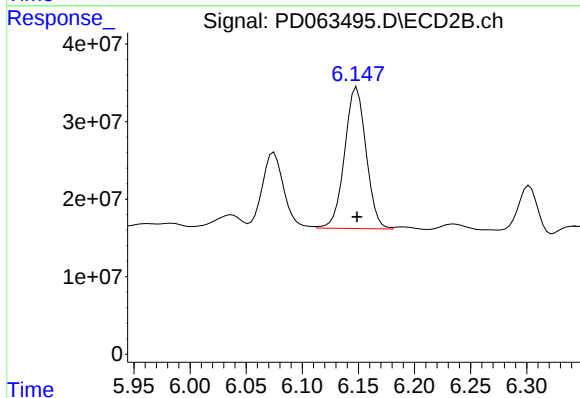
R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 127981695
Conc: 51.80 ng/ml



#26 Chlordane-4

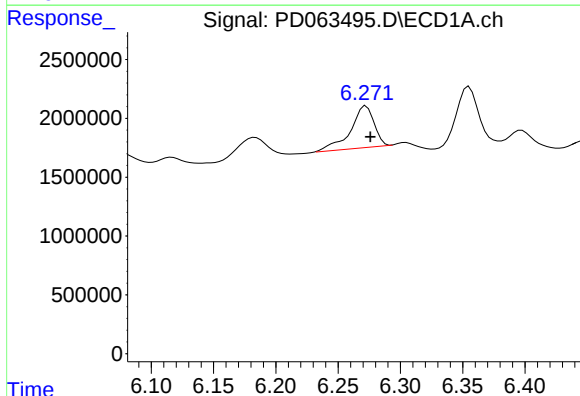
R.T.: 5.435 min
Delta R.T.: -0.004 min
Response: 10582733
Conc: 75.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B7(2-4)



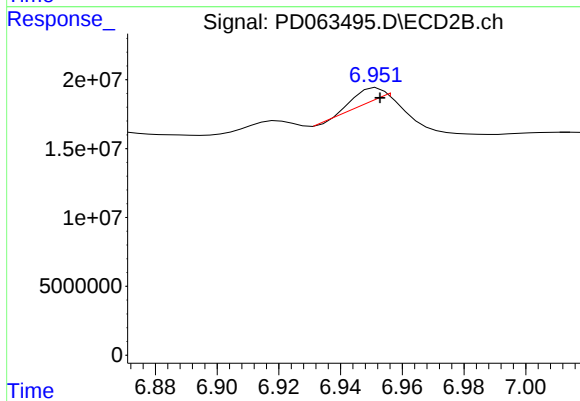
#26 Chlordane-4

R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 242456780
Conc: 84.83 ng/ml



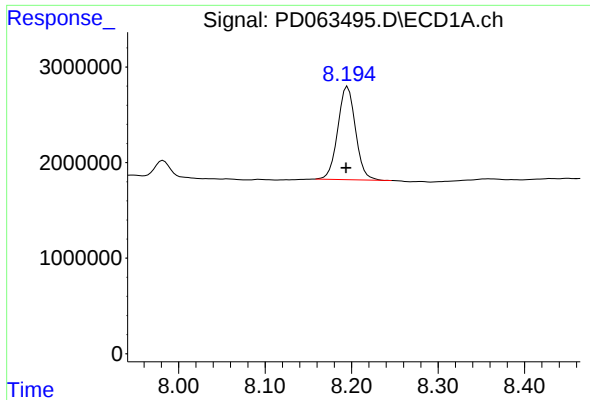
#27 Chlordane-5

R.T.: 6.272 min
Delta R.T.: -0.003 min
Response: 4677683
Conc: 84.50 ng/ml



#27 Chlordane-5

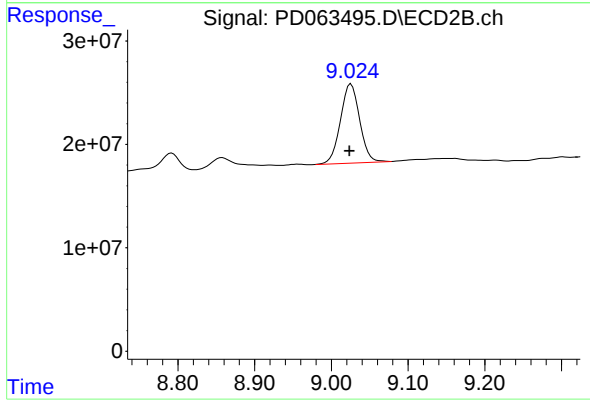
R.T.: 6.952 min
Delta R.T.: 0.000 min
Response: 6892772
Conc: 13.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.195 min
Delta R.T.: 0.002 min
Response: 13765232
Conc: 8.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
18-B7(2-4)



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: 0.002 min
Response: 133535414
Conc: 9.66 ng/ml