

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031821\
 Data File : PD061712.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2021 11:59
 Operator : AR\AJ
 Sample : M1691-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 FK-GF-02-068-B

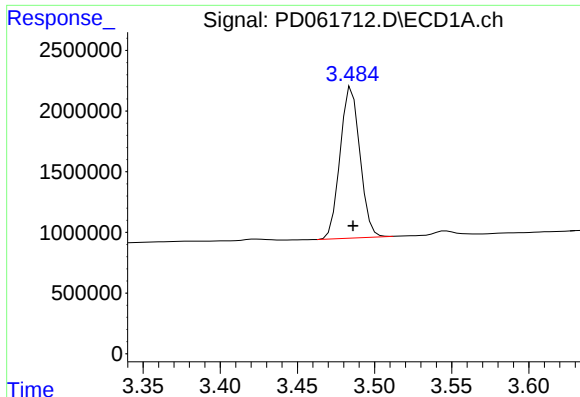
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 06:30:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031721.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 18 07:52:17 2021
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.485	3.982	11102651	111.7E6	12.989	13.015
28)	SA Decachlor...	8.259	9.041	15914512	112.2E6	13.004	12.905
Target Compounds							
3)	MA gamma-BHC...	0.000	4.654	0	300997	N.D.	0.026 #
4)	MA Heptachlor	4.514	5.164	1863548	15558077	1.583	1.286
5)	MB Aldrin	4.765	5.496f	936138	256357	0.773	0.021 #
7)	B delta-BHC	4.673	5.042	422512	2603403	0.342	0.216 #
8)	B Heptachlo...	0.000	5.841	0	5261175	N.D.	0.494 #
9)	A Endosulfan I	0.000	6.207	0	1337082	N.D.	0.128 #
10)	B gamma-Chl...	5.457f	6.087	21299469	90541748	17.941	8.022 #
11)	B alpha-Chl...	5.494	6.162	12932760	248.9E6	11.035	22.789 #
12)	B 4,4'-DDE	5.657	6.315	6723693	71272905	5.924	6.426
13)	MA Dieldrin	5.782	6.477	224332	150546	0.192	0.013 #
14)	MA Endrin	6.049	6.674	2753054	408567	2.617	0.044 #
15)	B Endosulfa...	6.334	6.881	5970775	5373392	5.778	0.580 #
16)	A 4,4'-DDD	6.176	6.809	389506	16276971	0.407	1.800 #
17)	MA 4,4'-DDT	6.416	7.105	14396141	129.7E6	14.322	13.153
18)	B Endrin al...	0.000	7.010	0	616972	N.D.	0.081 #
19)	B Endosulfa...	6.703	7.241	217832	1643398	0.202	0.170
20)	A Methoxychlor	6.948	0.000	627865	0	1.147	N.D. #
21)	B Endrin ke...	7.225f	7.724	3350230	56761	2.581	0.006 #
22)	Mirex	0.000	8.192f	0	3464859	N.D.	0.590 #
23)	Chlordane-1	4.361	4.975	6755833	65500628	204.521	177.236
24)	Chlordane-2	4.866	5.440	12565084	105.4E6	318.622	281.186
25)	Chlordane-3	5.457f	6.087	21299469	90541748	180.614	56.590 #
26)	Chlordane-4	5.494	6.162	12932760	248.9E6	132.544	134.599
27)	Chlordane-5	6.334	6.966	5970775	45130899	135.003	128.631

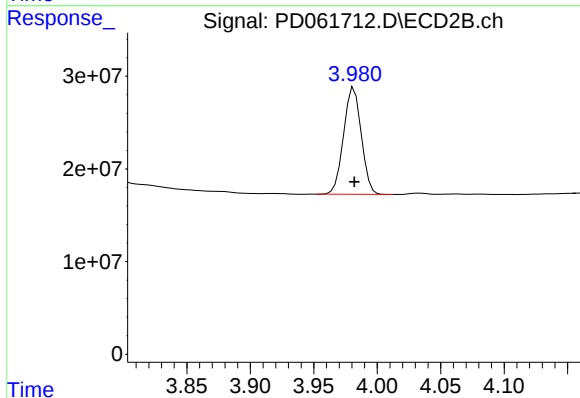
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

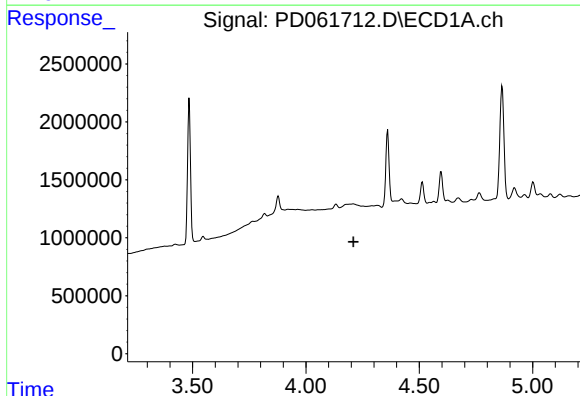
R.T.: 3.485 min
Delta R.T.: 0.000 min
Response: 11102651
Conc: 12.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-GF-02-068-B



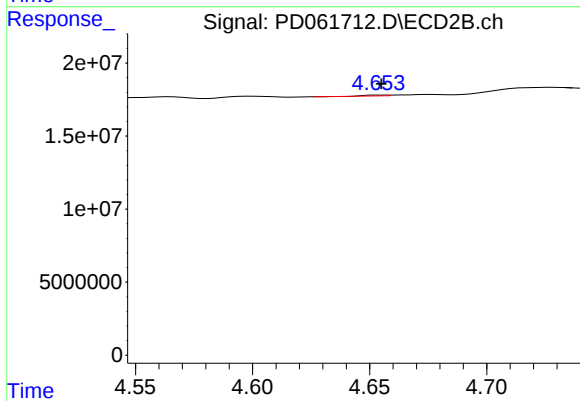
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 111662968
Conc: 13.02 ng/ml



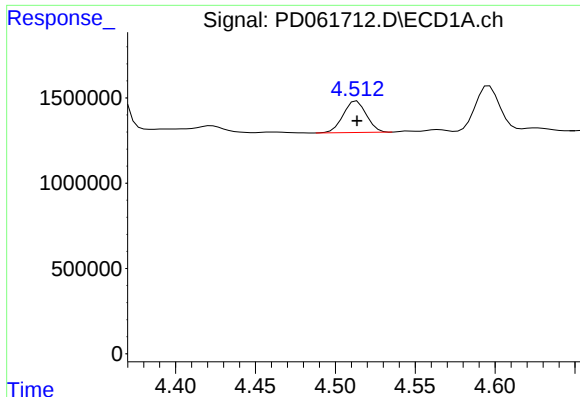
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 4.210 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

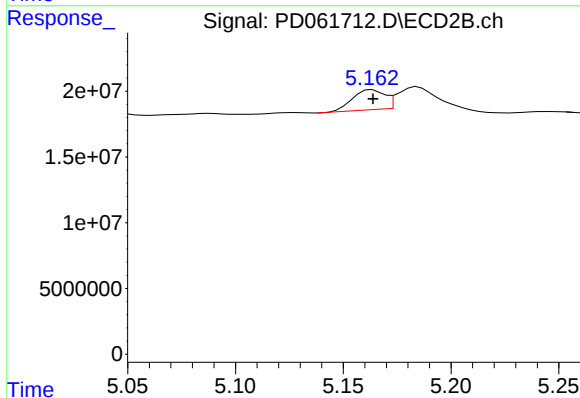
R.T.: 4.654 min
Delta R.T.: 0.000 min
Response: 300997
Conc: 0.03 ng/ml



#4 Heptachlor

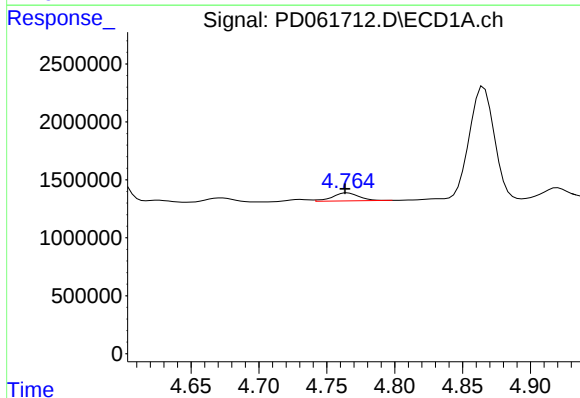
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 1863548
Conc: 1.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-GF-02-068-B



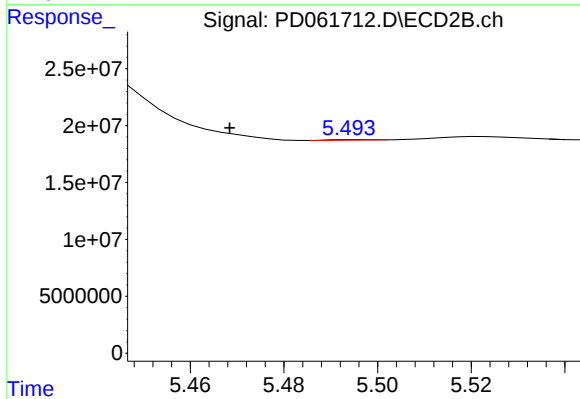
#4 Heptachlor

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 15558077
Conc: 1.29 ng/ml



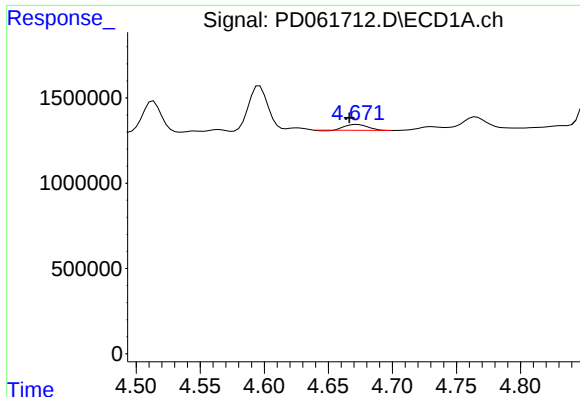
#5 Aldrin

R.T.: 4.765 min
Delta R.T.: 0.002 min
Response: 936138
Conc: 0.77 ng/ml



#5 Aldrin

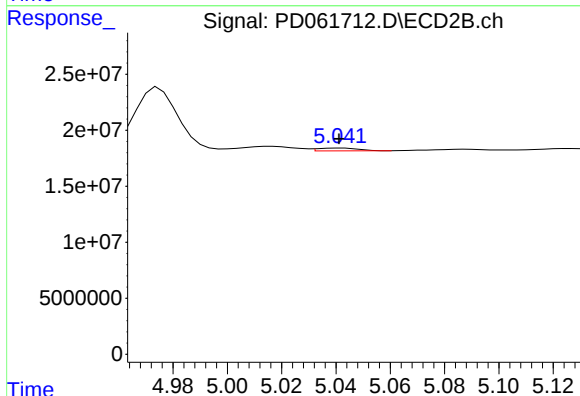
R.T.: 5.496 min
Delta R.T.: 0.027 min
Response: 256357
Conc: 0.02 ng/ml



#7 delta-BHC

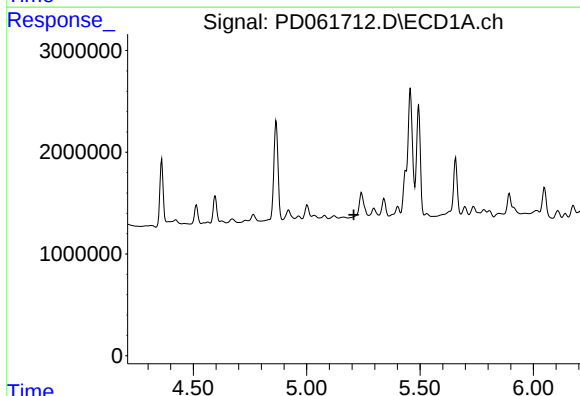
R.T.: 4.673 min
Delta R.T.: 0.006 min
Response: 422512
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-GF-02-068-B



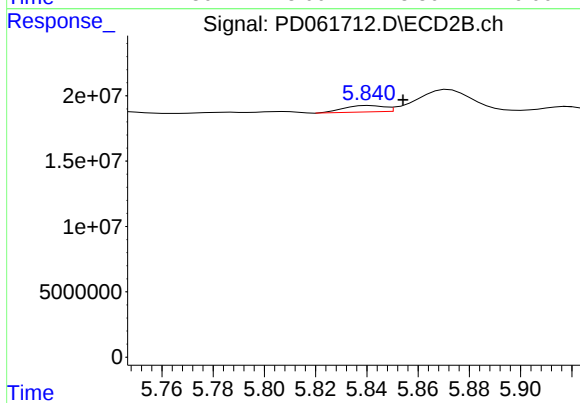
#7 delta-BHC

R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 2603403
Conc: 0.22 ng/ml



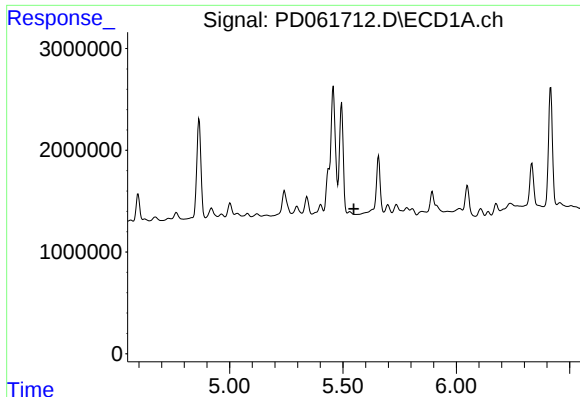
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.208 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

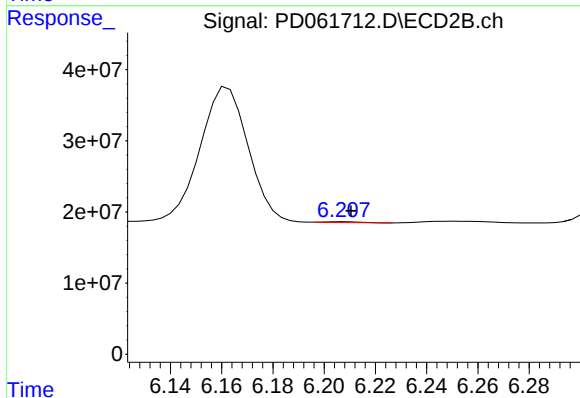
R.T.: 5.841 min
Delta R.T.: -0.013 min
Response: 5261175
Conc: 0.49 ng/ml



#9 Endosulfan I

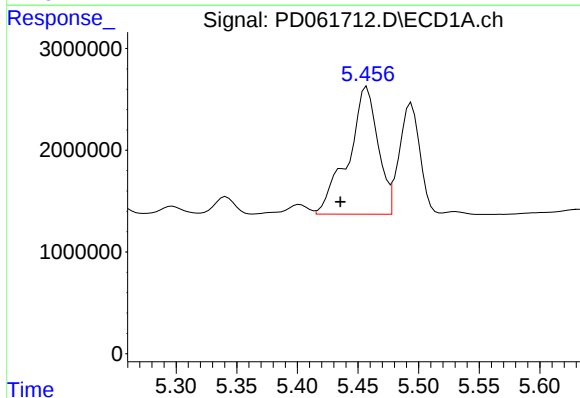
R.T.: 0.000 min
Exp R.T.: 5.548 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
FK-GF-02-068-B



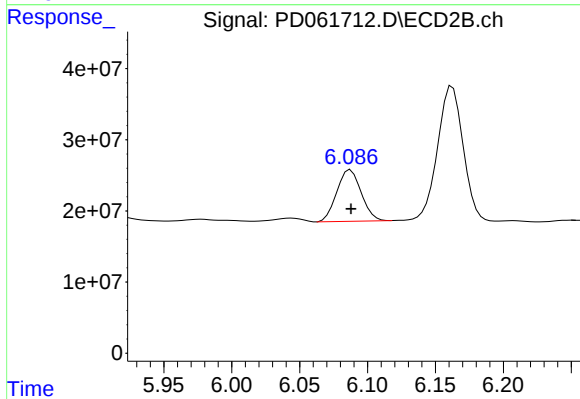
#9 Endosulfan I

R.T.: 6.207 min
Delta R.T.: -0.004 min
Response: 1337082
Conc: 0.13 ng/ml



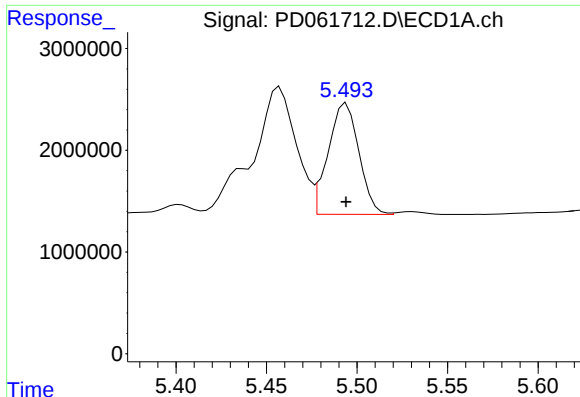
#10 gamma-Chlordane

R.T.: 5.457 min
Delta R.T.: 0.022 min
Response: 21299469
Conc: 17.94 ng/ml



#10 gamma-Chlordane

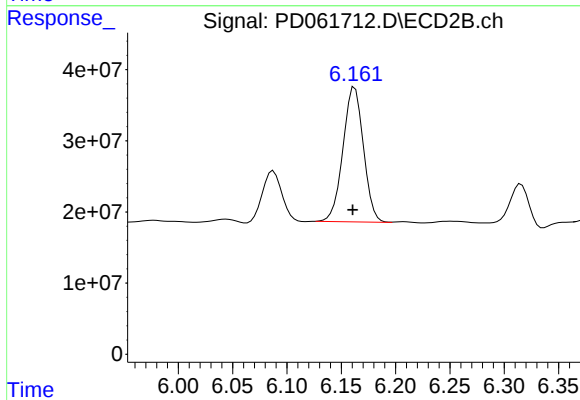
R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 90541748
Conc: 8.02 ng/ml



#11 alpha-Chlordane

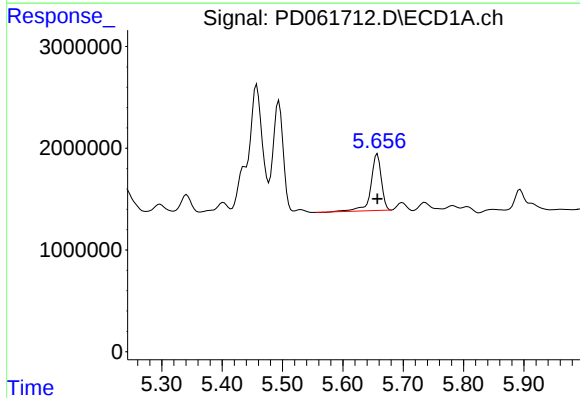
R.T.: 5.494 min
Delta R.T.: 0.000 min
Response: 12932760
Conc: 11.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-GF-02-068-B



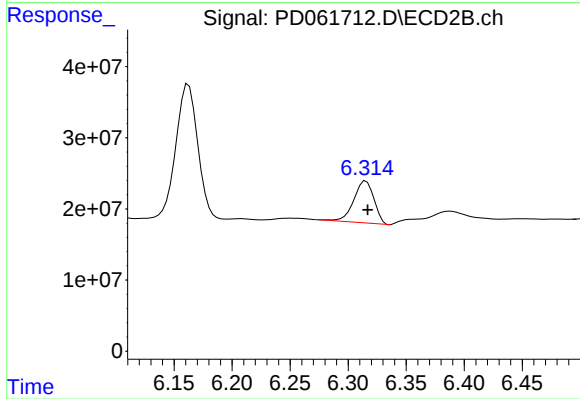
#11 alpha-Chlordane

R.T.: 6.162 min
Delta R.T.: 0.002 min
Response: 248875574
Conc: 22.79 ng/ml



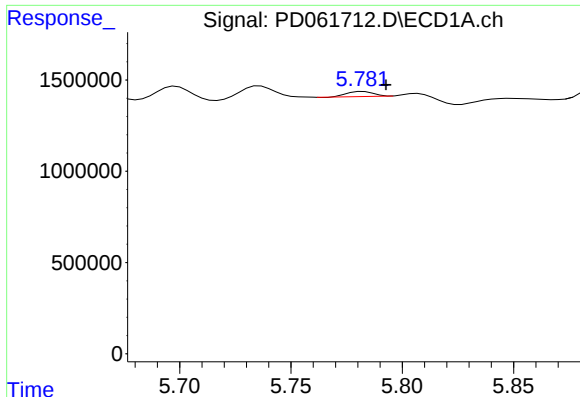
#12 4,4'-DDE

R.T.: 5.657 min
Delta R.T.: 0.000 min
Response: 6723693
Conc: 5.92 ng/ml



#12 4,4'-DDE

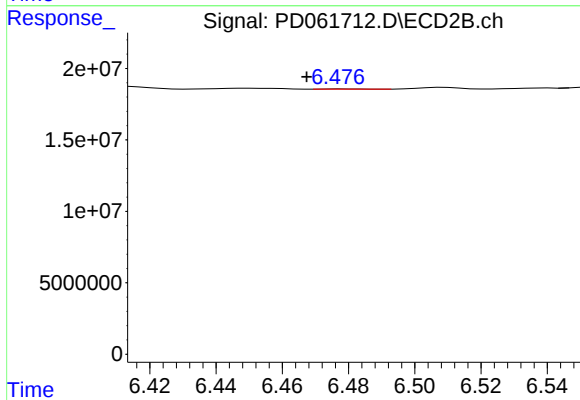
R.T.: 6.315 min
Delta R.T.: -0.002 min
Response: 71272905
Conc: 6.43 ng/ml



#13 Dieldrin

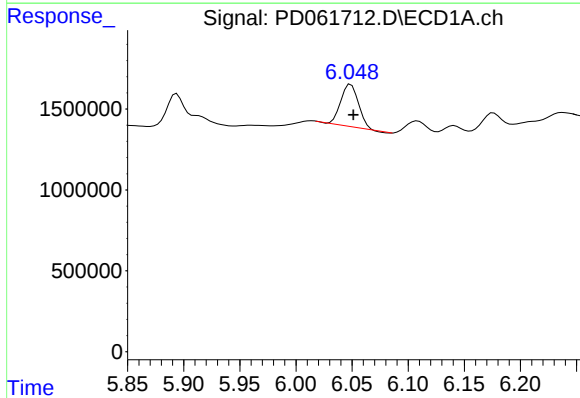
R.T.: 5.782 min
Delta R.T.: -0.010 min
Response: 224332
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-GF-02-068-B



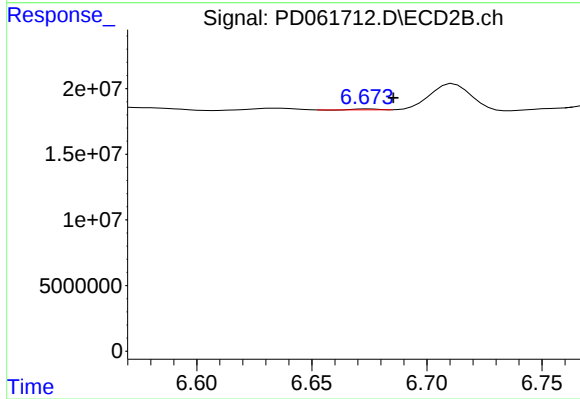
#13 Dieldrin

R.T.: 6.477 min
Delta R.T.: 0.010 min
Response: 150546
Conc: 0.01 ng/ml



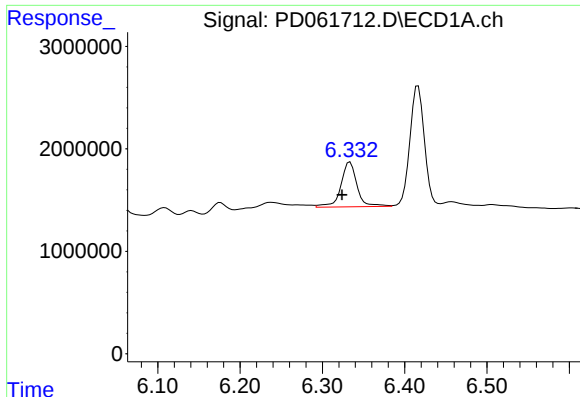
#14 Endrin

R.T.: 6.049 min
Delta R.T.: -0.002 min
Response: 2753054
Conc: 2.62 ng/ml



#14 Endrin

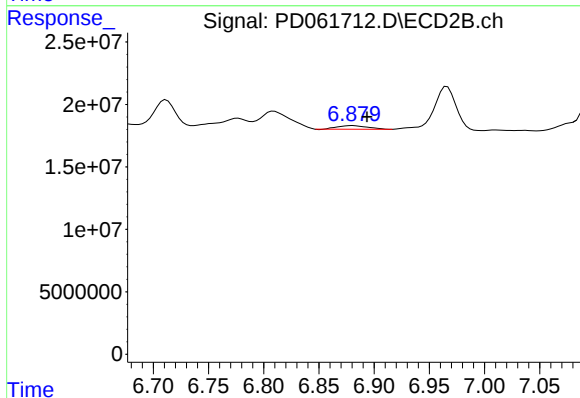
R.T.: 6.674 min
Delta R.T.: -0.011 min
Response: 408567
Conc: 0.04 ng/ml



#15 Endosulfan II

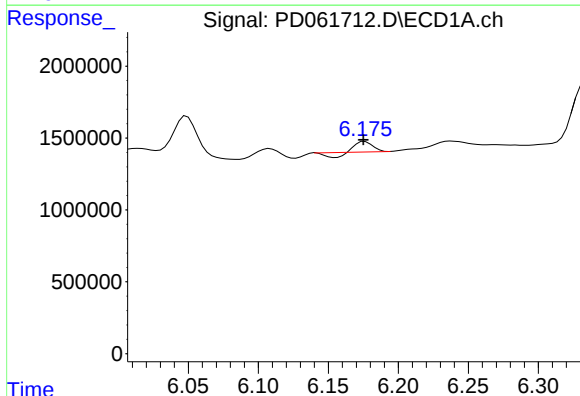
R.T.: 6.334 min
Delta R.T.: 0.010 min
Response: 5970775
Conc: 5.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-GF-02-068-B



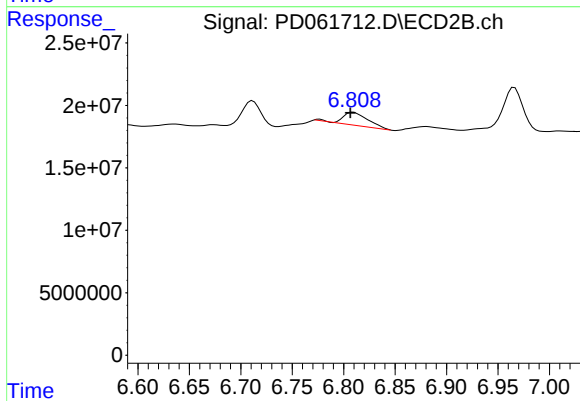
#15 Endosulfan II

R.T.: 6.881 min
Delta R.T.: -0.013 min
Response: 5373392
Conc: 0.58 ng/ml



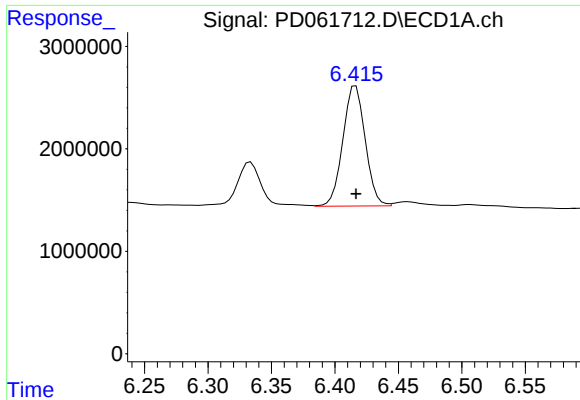
#16 4,4'-DDD

R.T.: 6.176 min
Delta R.T.: 0.001 min
Response: 389506
Conc: 0.41 ng/ml



#16 4,4'-DDD

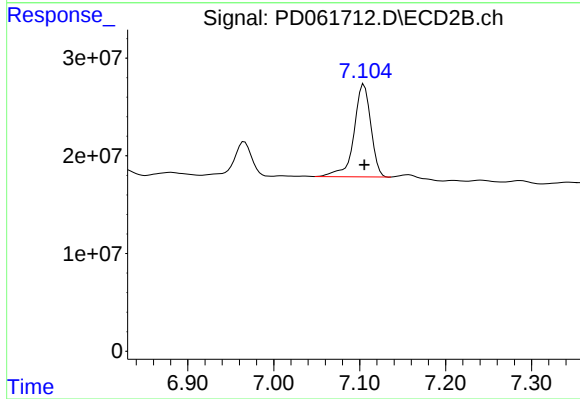
R.T.: 6.809 min
Delta R.T.: 0.003 min
Response: 16276971
Conc: 1.80 ng/ml



#17 4,4'-DDT

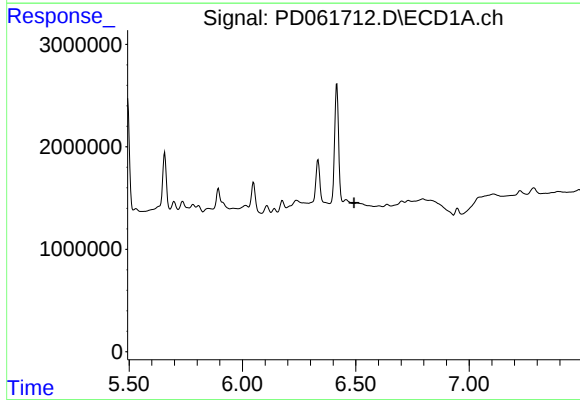
R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 14396141
Conc: 14.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-GF-02-068-B



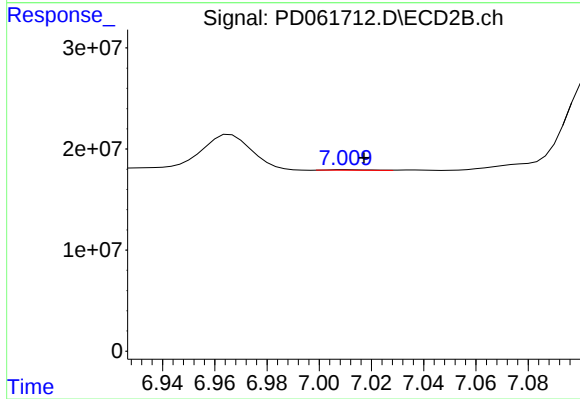
#17 4,4'-DDT

R.T.: 7.105 min
Delta R.T.: 0.000 min
Response: 129673227
Conc: 13.15 ng/ml



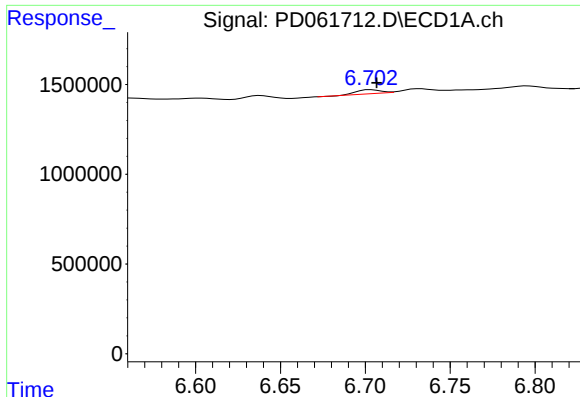
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.493 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

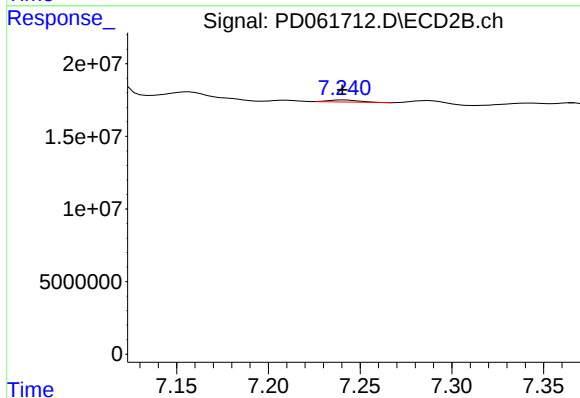
R.T.: 7.010 min
Delta R.T.: -0.007 min
Response: 616972
Conc: 0.08 ng/ml



#19 Endosulfan Sulfate

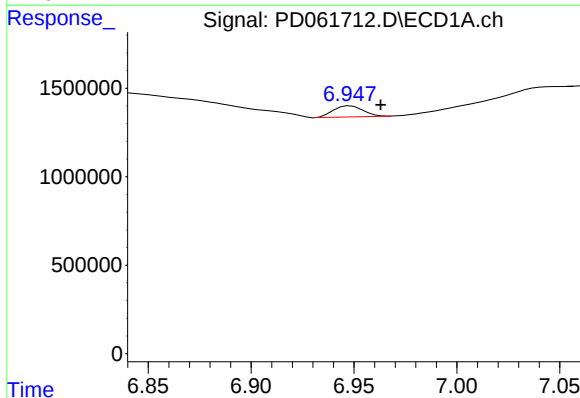
R.T.: 6.703 min
Delta R.T.: -0.003 min
Response: 217832
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
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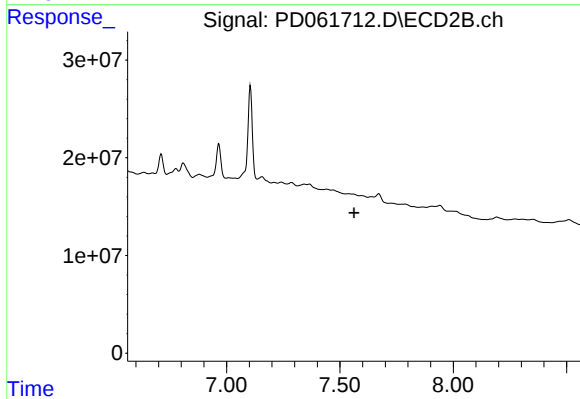
#19 Endosulfan Sulfate

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 1643398
Conc: 0.17 ng/ml



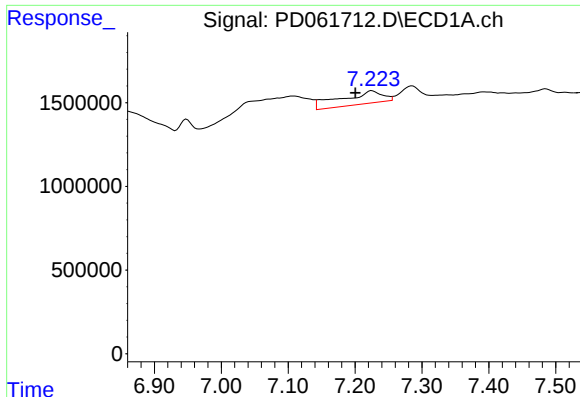
#20 Methoxychlor

R.T.: 6.948 min
Delta R.T.: -0.015 min
Response: 627865
Conc: 1.15 ng/ml



#20 Methoxychlor

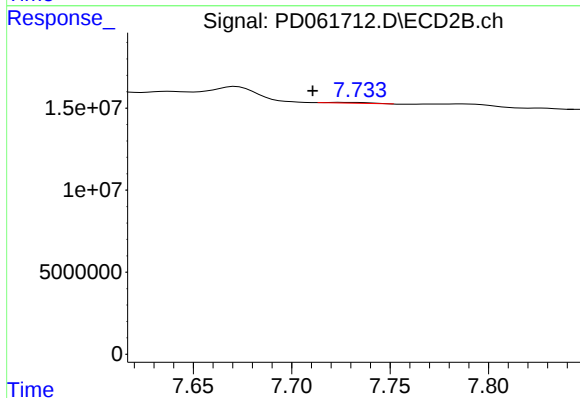
R.T.: 0.000 min
Exp R.T.: 7.563 min
Response: 0
Conc: N.D.



#21 Endrin ketone

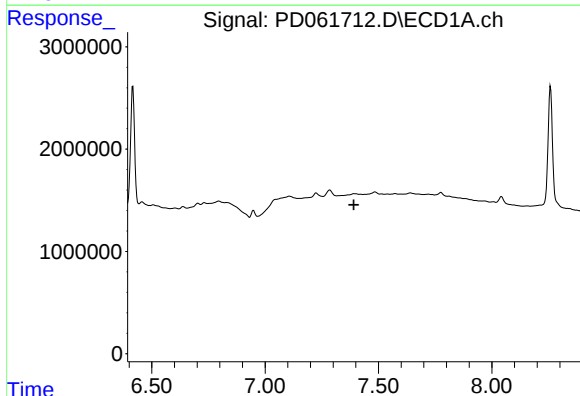
R.T.: 7.225 min
Delta R.T.: 0.025 min
Response: 3350230
Conc: 2.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-GF-02-068-B



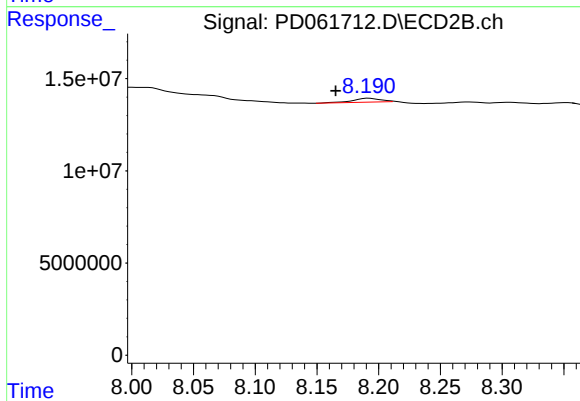
#21 Endrin ketone

R.T.: 7.724 min
Delta R.T.: 0.013 min
Response: 56761
Conc: 0.01 ng/ml



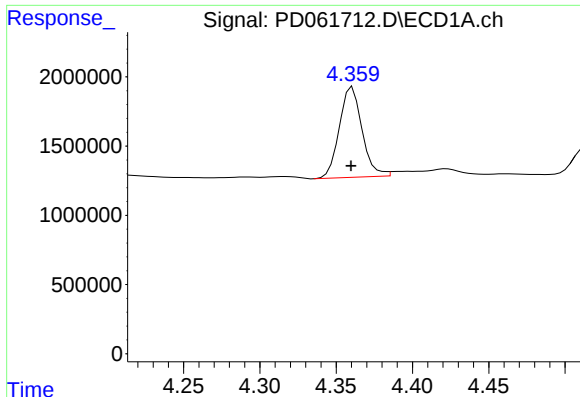
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.392 min
Response: 0
Conc: N.D.



#22 Mirex

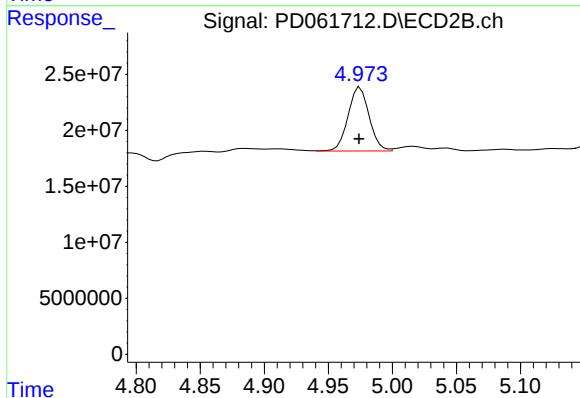
R.T.: 8.192 min
Delta R.T.: 0.027 min
Response: 3464859
Conc: 0.59 ng/ml



#23 Chlordane-1

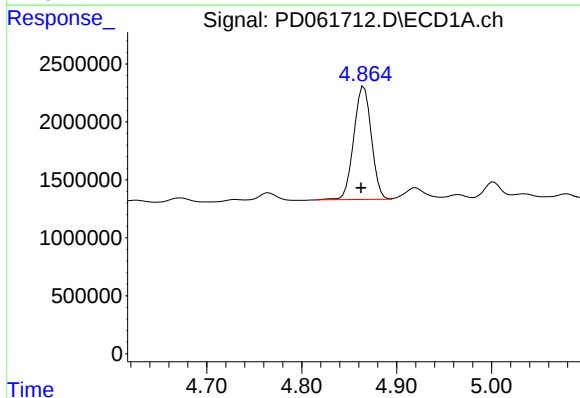
R.T.: 4.361 min
Delta R.T.: 0.000 min
Response: 6755833
Conc: 204.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-GF-02-068-B



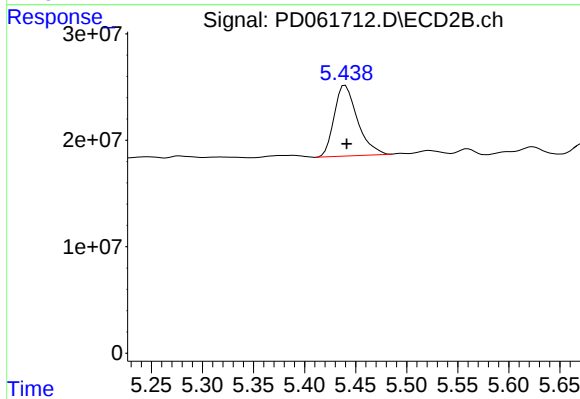
#23 Chlordane-1

R.T.: 4.975 min
Delta R.T.: 0.000 min
Response: 65500628
Conc: 177.24 ng/ml



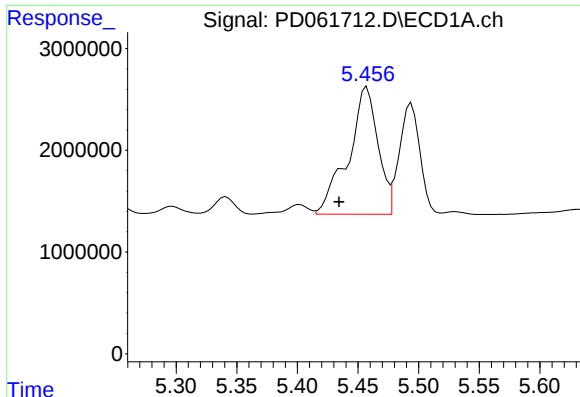
#24 Chlordane-2

R.T.: 4.866 min
Delta R.T.: 0.003 min
Response: 12565084
Conc: 318.62 ng/ml



#24 Chlordane-2

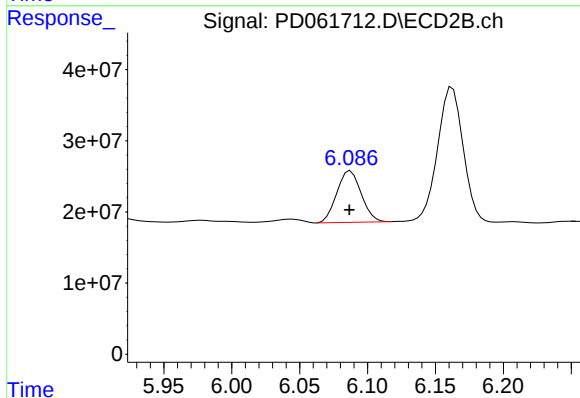
R.T.: 5.440 min
Delta R.T.: -0.001 min
Response: 105355931
Conc: 281.19 ng/ml



#25 Chlordane-3

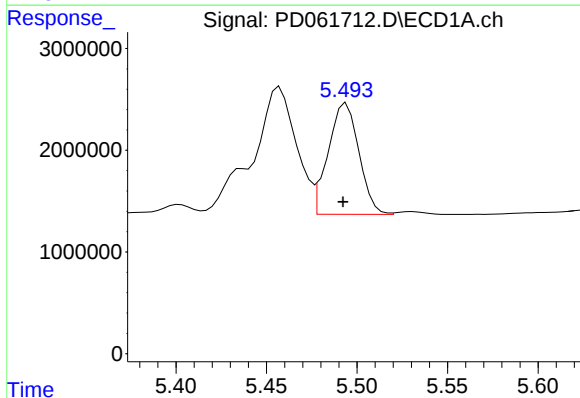
R.T.: 5.457 min
Delta R.T.: 0.023 min
Response: 21299469
Conc: 180.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-GF-02-068-B



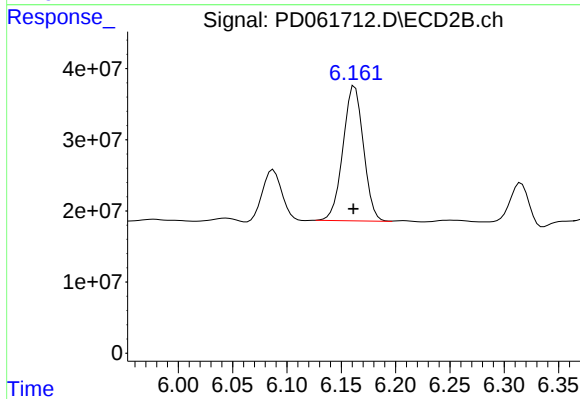
#25 Chlordane-3

R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 90541748
Conc: 56.59 ng/ml



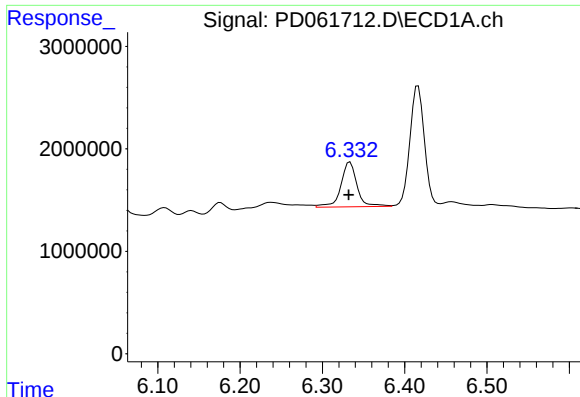
#26 Chlordane-4

R.T.: 5.494 min
Delta R.T.: 0.002 min
Response: 12932760
Conc: 132.54 ng/ml



#26 Chlordane-4

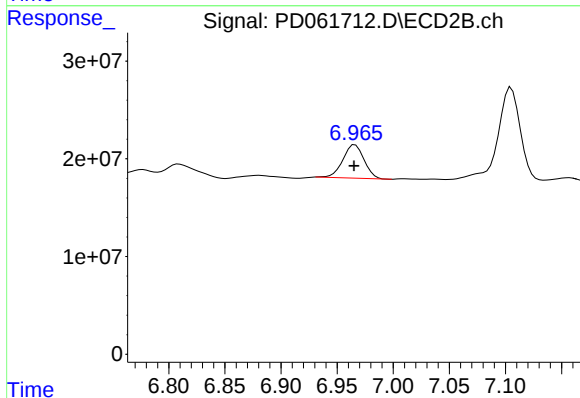
R.T.: 6.162 min
Delta R.T.: 0.001 min
Response: 248875574
Conc: 134.60 ng/ml



#27 Chlordane-5

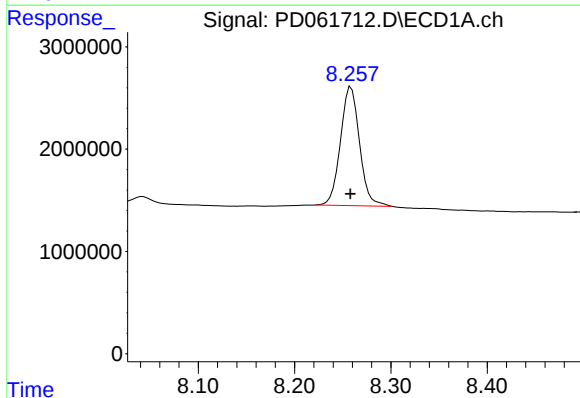
R.T.: 6.334 min
Delta R.T.: 0.002 min
Response: 5970775
Conc: 135.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
FK-GF-02-068-B



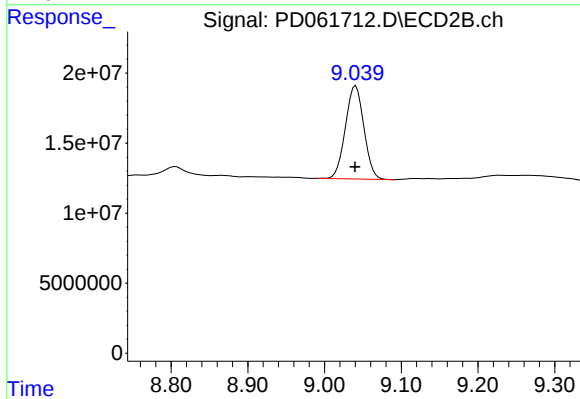
#27 Chlordane-5

R.T.: 6.966 min
Delta R.T.: 0.000 min
Response: 45130899
Conc: 128.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.259 min
Delta R.T.: 0.000 min
Response: 15914512
Conc: 13.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.041 min
Delta R.T.: 0.000 min
Response: 112182707
Conc: 12.90 ng/ml