

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031522AR\
 Data File : FD041557.D
 Signal(s) : FID2B.CH
 Acq On : 15 Mar 2022 20:29
 Operator : UA/NP
 Sample : N1908-03
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 15 22:43:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.382	24565646	152.038 ug/ml
Spiked Amount 50.000		Recovery =	304.08%
6) S 2-Fluorobiphenyl (SURR)	8.228	35239814	338.533 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	677.07%#
11) S ortho-Terphenyl (SURR)	11.284	21722069	123.840 ug/ml
Spiked Amount 50.000		Recovery =	247.68%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	731653	4.175 ug/ml
2) T Naphthalene (C11.7)	5.684	12202388	66.904 ug/ml
3) T 2-Methylnaphthalene (...)	6.774	32981636	182.226 ug/ml
5) T Acenaphthylene (C15.06)	7.998	22524418	125.997 ug/ml
7) T Acenaphthene (C15.5)	8.302	17343247	90.732 ug/ml
8) T Fluorene (C16.55)	9.099	17913778	104.612 ug/ml
9) T Phenanthrene (C19.36)	10.522	58476970	355.937 ug/ml
10) T Anthracene (C19.43)	10.522	58476970	365.660 ug/ml
12) T Fluoranthene (C21.85)	12.271	7229726	43.030 ug/ml
13) T Pyrene (C20.8)	12.554	3833208	22.864 ug/ml
14) T Benzo[a]anthracene (C...	14.456	1386688	9.556 ug/ml
15) T Chrysene (C27.41)	14.456	1386688	8.421 ug/ml
16) T benzo[b]fluoranthene ...	16.001	1680182	12.311 ug/ml
17) T Bnezo[k]fluoranthene ...	16.001	1680182	11.386 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.374	946508	7.198 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.700	75971	0.606 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	421112	2.979 ug/ml
21) T Benzo[g,h,i]perylene ...	17.983	645715	4.987 ug/ml

(f)=RT Delta > 1/2 Window

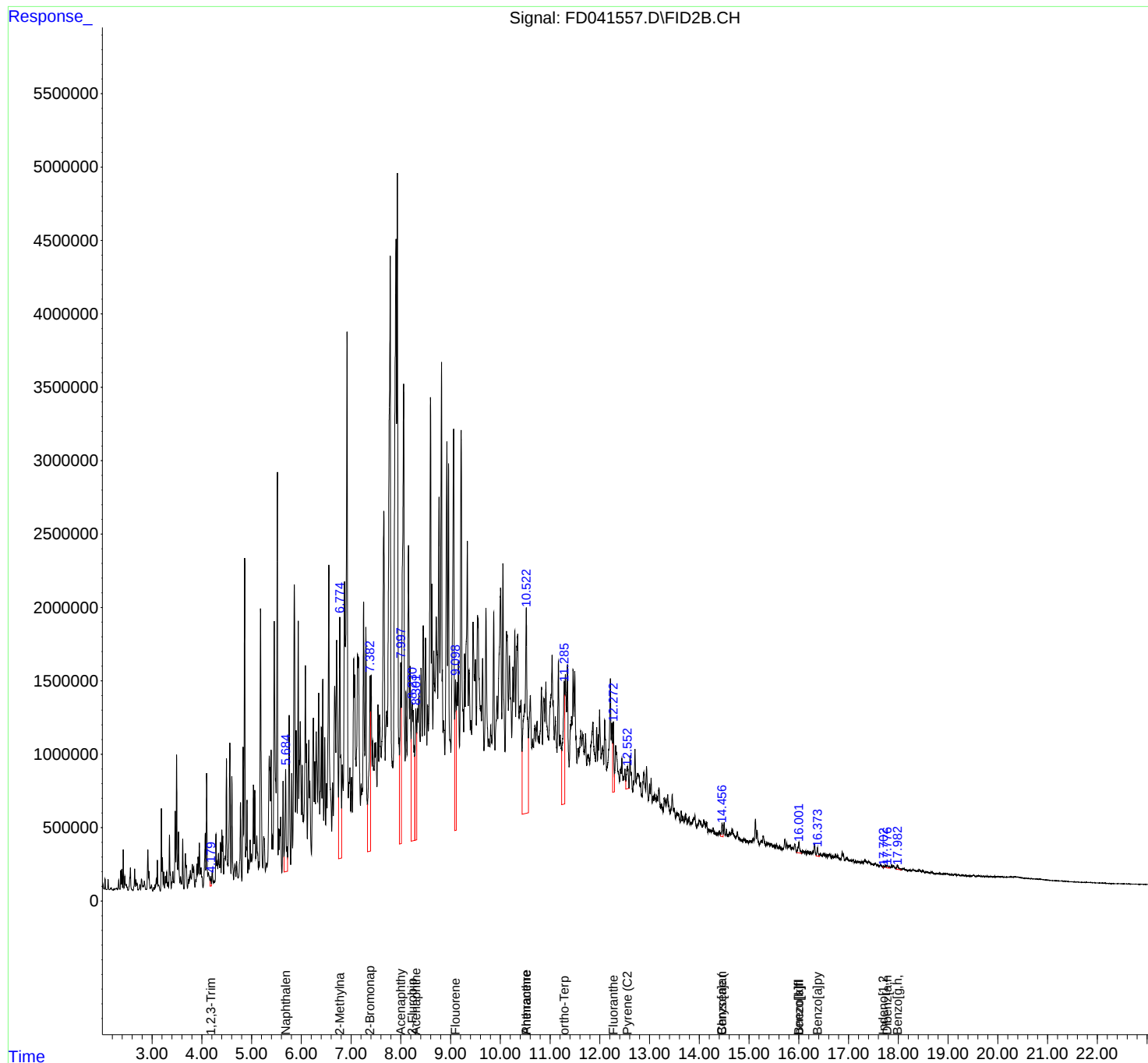
(m)=manual int.

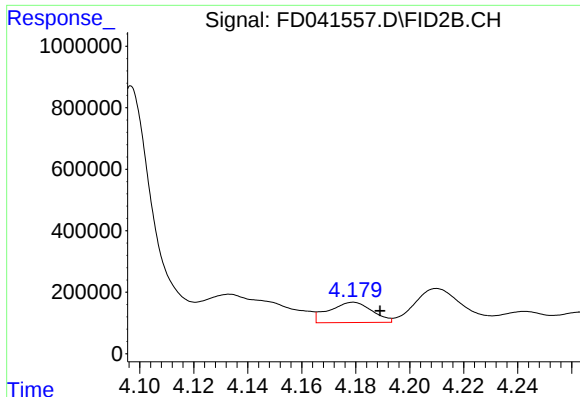
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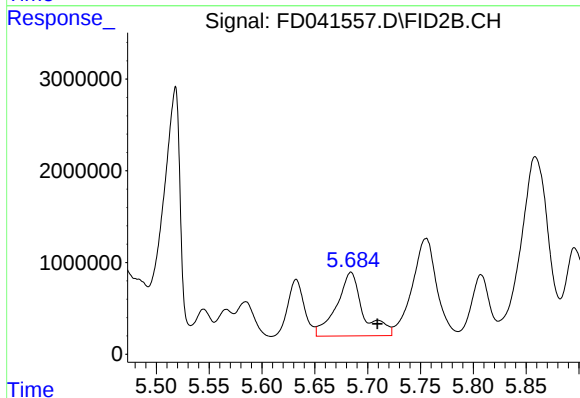




#1 1,2,3-Trimethylbenzene (C10.1)

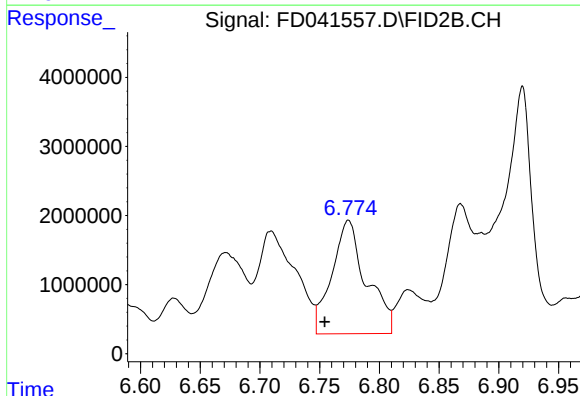
R.T.: 4.179 min
Delta R.T.: -0.010 min
Response: 731653
Conc: 4.17 ug/ml

Instrument :
FID_D
ClientSampleId :



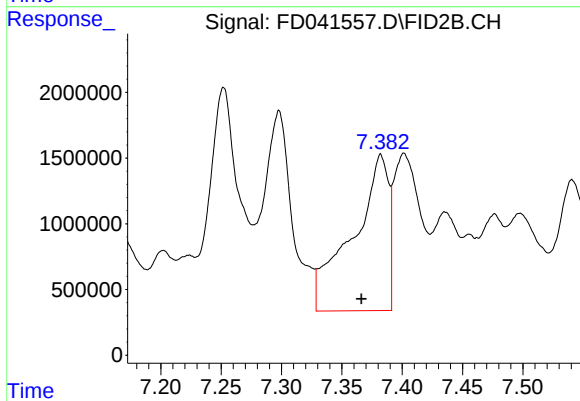
#2 Naphthalene (C11.7)

R.T.: 5.684 min
Delta R.T.: -0.025 min
Response: 12202388
Conc: 66.90 ug/ml



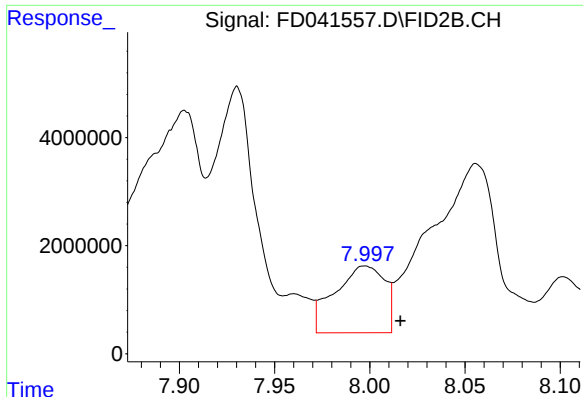
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.774 min
Delta R.T.: 0.020 min
Response: 32981636
Conc: 182.23 ug/ml



#4 2-Bromonaphthalene (SURR)

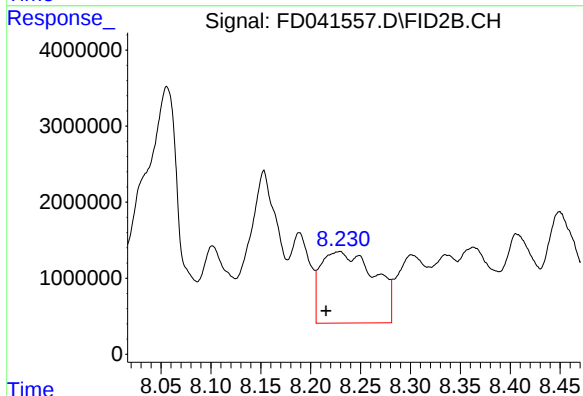
R.T.: 7.382 min
Delta R.T.: 0.016 min
Response: 24565646
Conc: 152.04 ug/ml



#5 Acenaphthylene (C15.06)

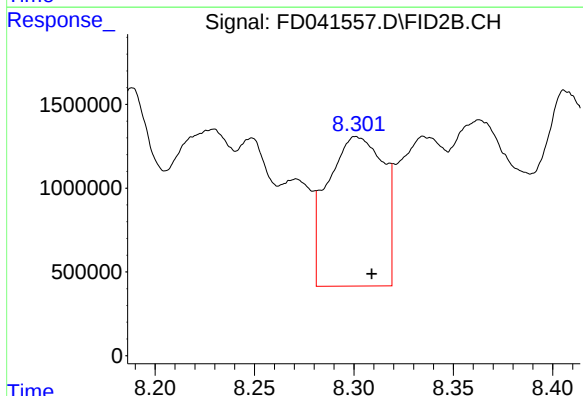
R.T.: 7.998 min
Delta R.T.: -0.018 min
Response: 22524418
Conc: 126.00 ug/ml

Instrument :
FID_D
ClientSampleId :



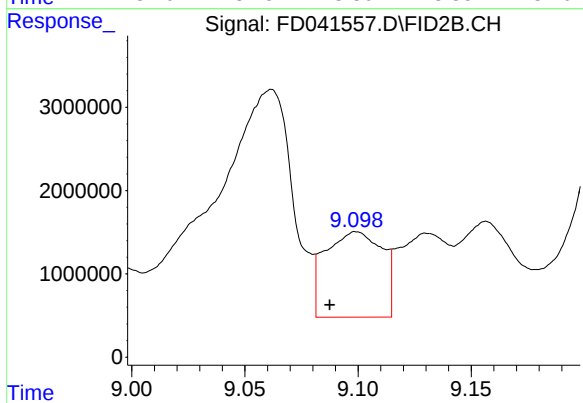
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.228 min
Delta R.T.: 0.012 min
Response: 35239814
Conc: 338.53 ug/ml



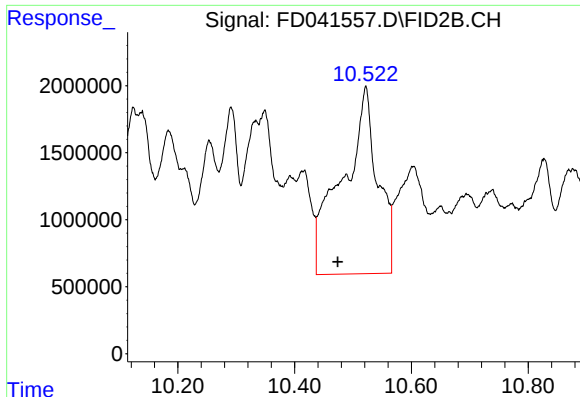
#7 Acenaphthene (C15.5)

R.T.: 8.302 min
Delta R.T.: -0.007 min
Response: 17343247
Conc: 90.73 ug/ml



#8 Fluorene (C16.55)

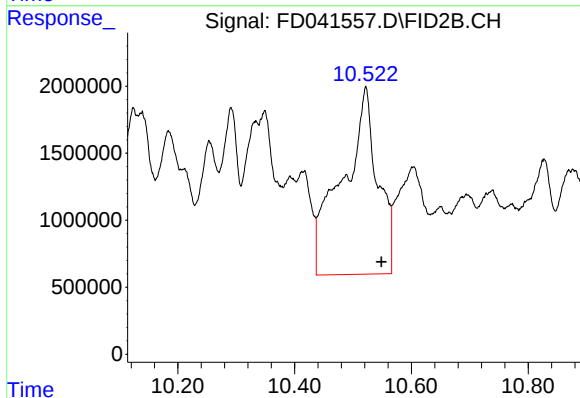
R.T.: 9.099 min
Delta R.T.: 0.012 min
Response: 17913778
Conc: 104.61 ug/ml



#9 Phenanthrene (C19.36)

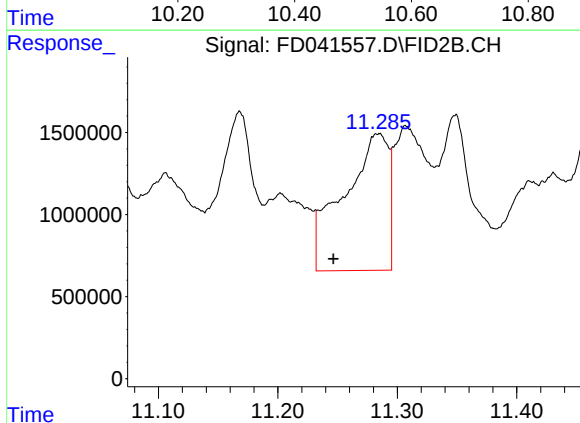
R.T.: 10.522 min
Delta R.T.: 0.048 min
Response: 58476970
Conc: 355.94 ug/ml

Instrument :
FID_D
ClientSampleId :



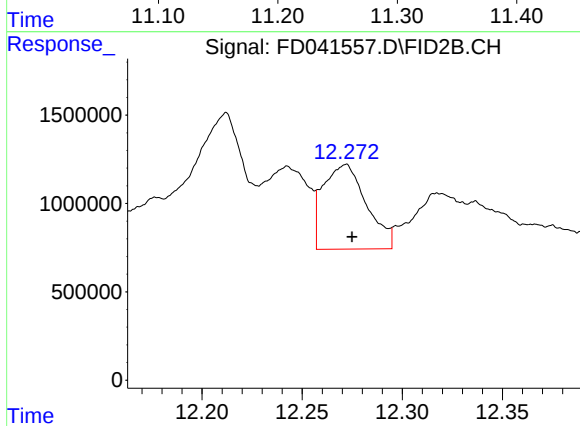
#10 Anthracene (C19.43)

R.T.: 10.522 min
Delta R.T.: -0.027 min
Response: 58476970
Conc: 365.66 ug/ml



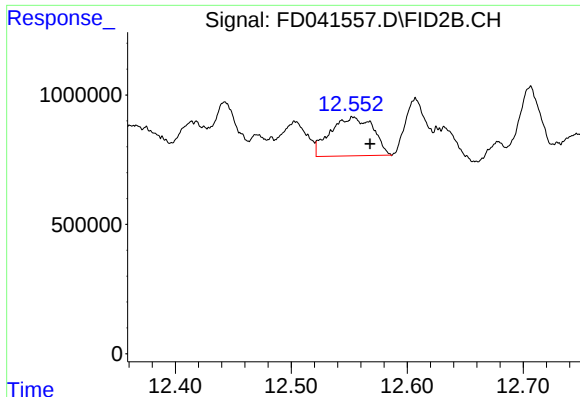
#11 ortho-Terphenyl (SURR)

R.T.: 11.284 min
Delta R.T.: 0.038 min
Response: 21722069
Conc: 123.84 ug/ml



#12 Fluoranthene (C21.85)

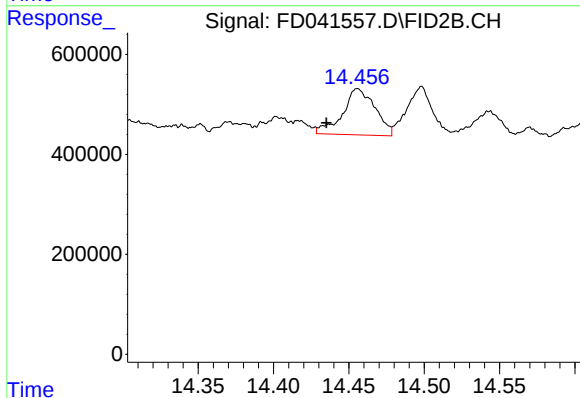
R.T.: 12.271 min
Delta R.T.: -0.004 min
Response: 7229726
Conc: 43.03 ug/ml



#13 Pyrene (C20.8)

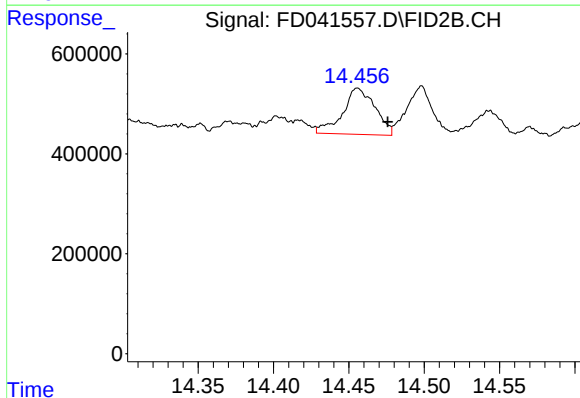
R.T.: 12.554 min
Delta R.T.: -0.014 min
Response: 3833208
Conc: 22.86 ug/ml

Instrument :
FID_D
ClientSampleId :



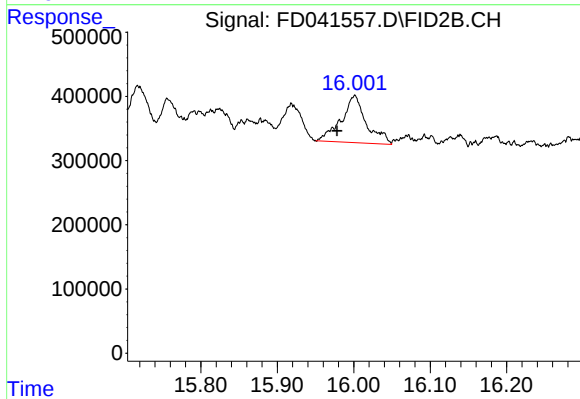
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.456 min
Delta R.T.: 0.021 min
Response: 1386688
Conc: 9.56 ug/ml



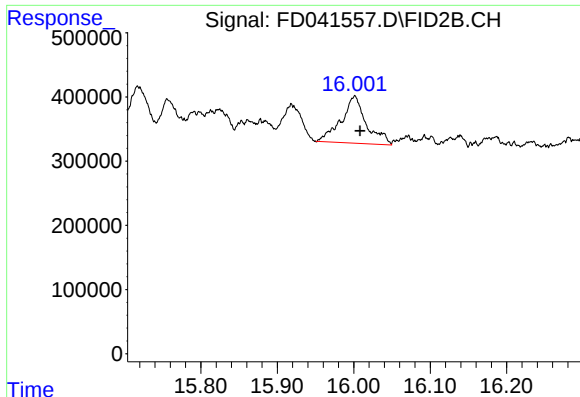
#15 Chrysene (C27.41)

R.T.: 14.456 min
Delta R.T.: -0.020 min
Response: 1386688
Conc: 8.42 ug/ml



#16 benzo[b]fluoranthene (C30.41)

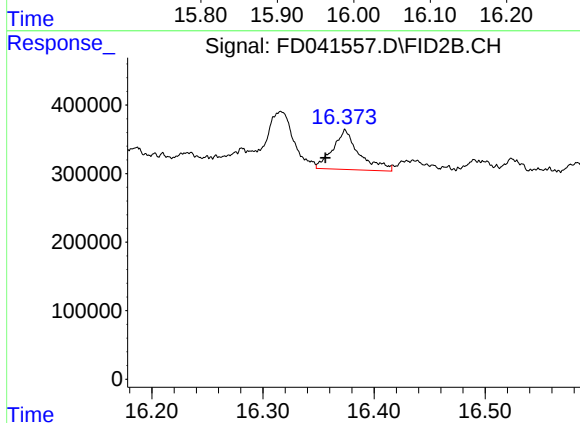
R.T.: 16.001 min
Delta R.T.: 0.023 min
Response: 1680182
Conc: 12.31 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

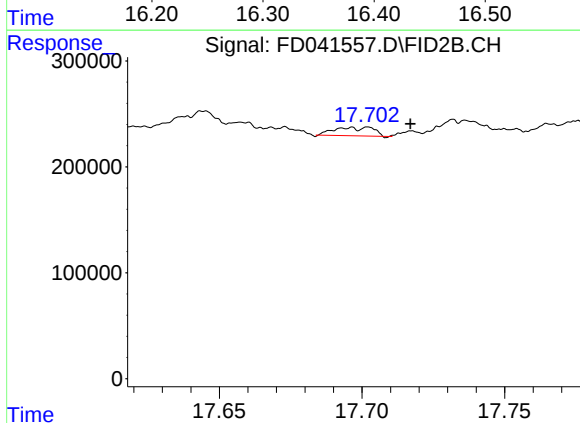
R.T.: 16.001 min
Delta R.T.: -0.008 min
Response: 1680182
Conc: 11.39 ug/ml

Instrument :
FID_D
ClientSampleId :



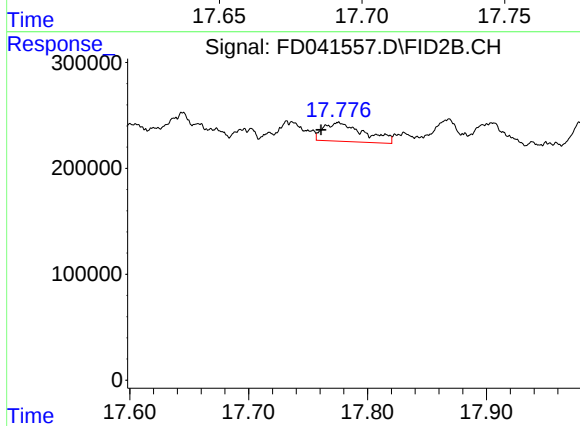
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.374 min
Delta R.T.: 0.018 min
Response: 946508
Conc: 7.20 ug/ml



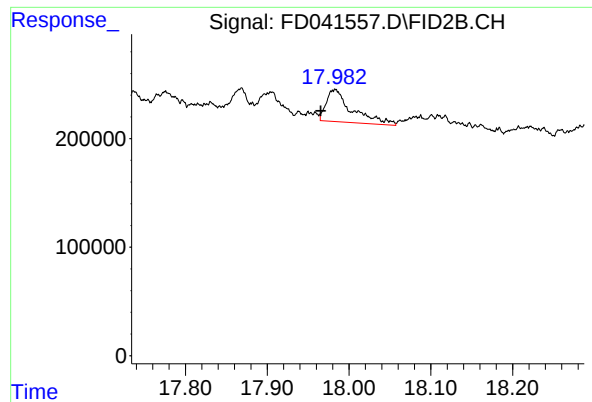
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.700 min
Delta R.T.: -0.017 min
Response: 75971
Conc: 0.61 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.776 min
Delta R.T.: 0.015 min
Response: 421112
Conc: 2.98 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 17.983 min
Delta R.T.: 0.017 min
Response: 645715
Conc: 4.99 ug/ml

Instrument :

FID_D

ClientSampleId :