

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031522AR\
 Data File : FD041554.D
 Signal(s) : FID2B.CH
 Acq On : 15 Mar 2022 18:26
 Operator : UA/NP
 Sample : N1905-17
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 15 22:43:16 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...	7.361	8035640	49.733 ug/ml
Spiked Amount 50.000		Recovery =	99.47%
6) S 2-Fluorobiphenyl (SURR)	8.211	4857942	46.668 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.34%
11) S ortho-Terphenyl (SURR)	11.247	6074606	34.632 ug/ml
Spiked Amount 50.000		Recovery =	69.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	1088181	6.209 ug/ml
2) T Naphthalene (C11.7)	5.702	810617	4.445 ug/ml
3) T 2-Methylnaphthalene (...)	6.749	5664447	31.297 ug/ml
5) T Acenaphthylene (C15.06)	7.996	5053824	28.270 ug/ml
7) T Acenaphthene (C15.5)	8.332	1597451	8.357 ug/ml
8) T Fluorene (C16.55)	9.082	716160	4.182 ug/ml
9) T Phenanthrene (C19.36)	10.473	2361987	14.377 ug/ml
10) T Anthracene (C19.43)	10.570	1359146	8.499 ug/ml
12) T Fluoranthene (C21.85)	12.283	563617	3.355 ug/ml
13) T Pyrene (C20.8)	12.577	1083933	6.465 ug/ml
14) T Benzo[a]anthracene (C...	14.421	3757429	25.892 ug/ml
15) T Chrysene (C27.41)	14.465	1111822	6.752 ug/ml
16) T benzo[b]fluoranthene ...	15.983	4005386	29.347 ug/ml
17) T Bnezo[k]fluoranthene ...	16.015	3201792	21.697 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.360	3351819	25.491 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.708	1888201	15.063 ug/ml
20) T Dibenz[a,h]anthracene...	17.756	1406483	9.950 ug/ml
21) T Benzo[g,h,i]perylene ...	17.947	1166980	9.013 ug/ml

(f)=RT Delta > 1/2 Window

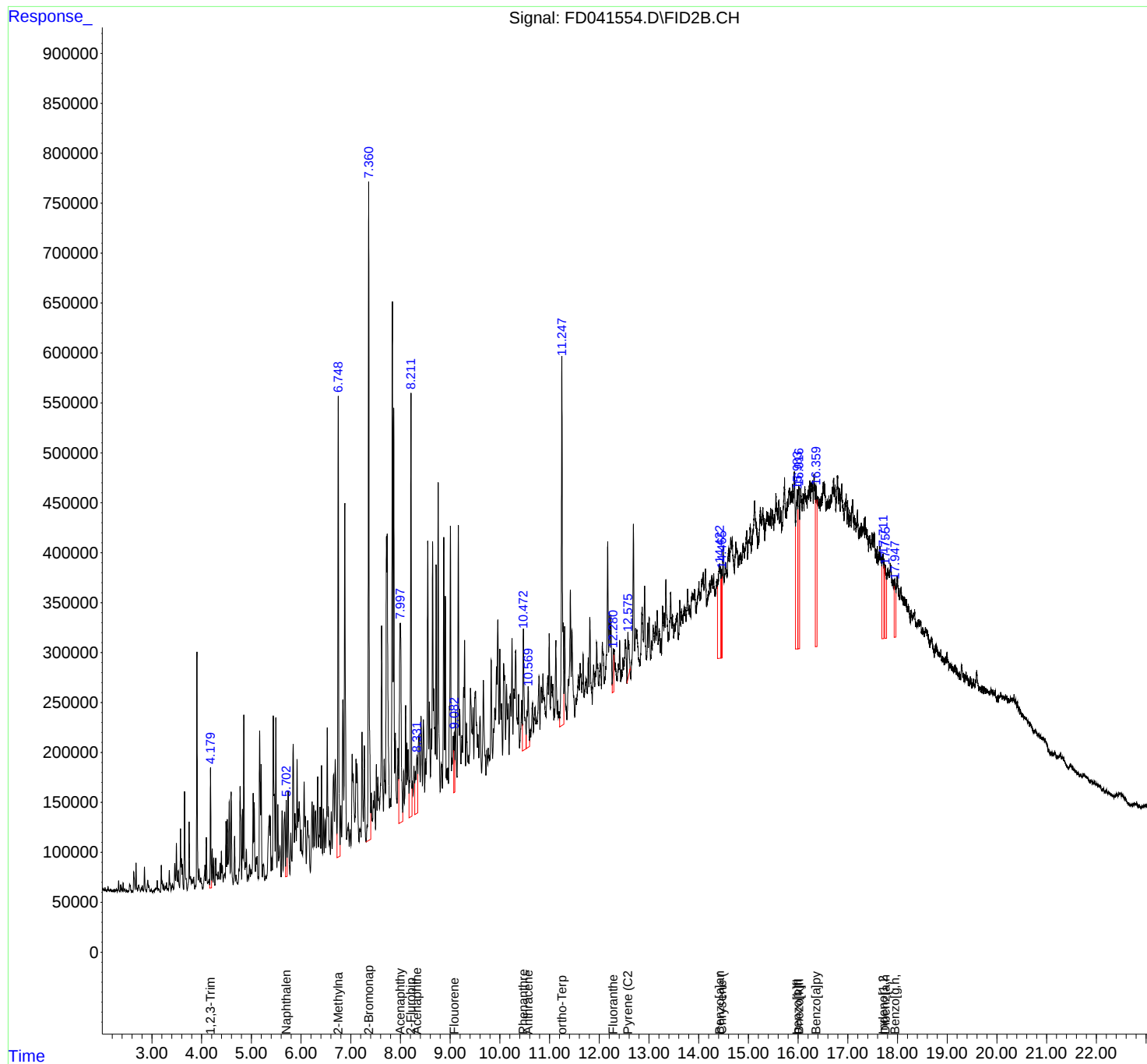
(m)=manual int.

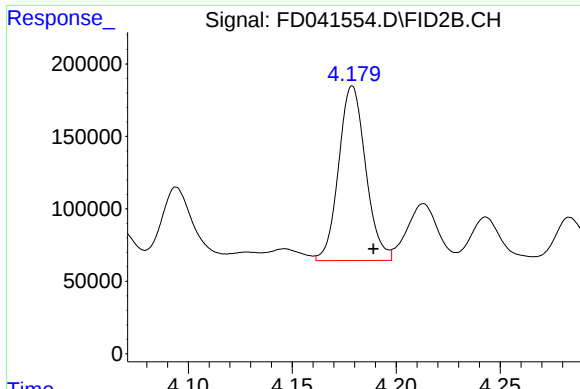
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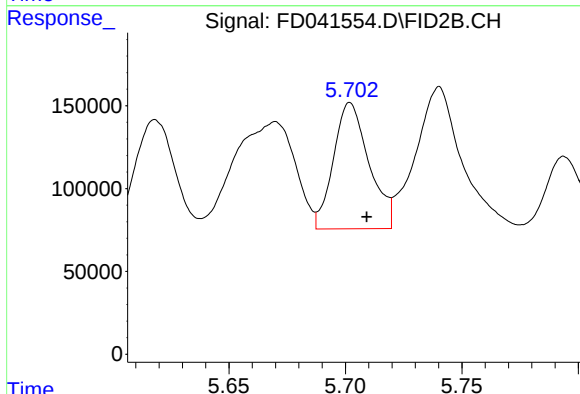




#1 1,2,3-Trimethylbenzene (C10.1)

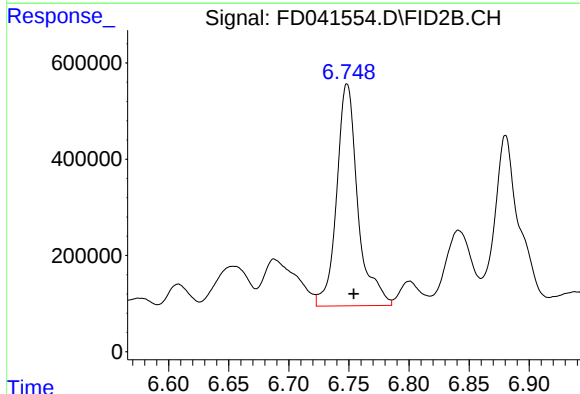
R.T.: 4.179 min
Delta R.T.: -0.010 min
Response: 1088181
Conc: 6.21 ug/ml

Instrument :
FID_D
ClientSampleId :



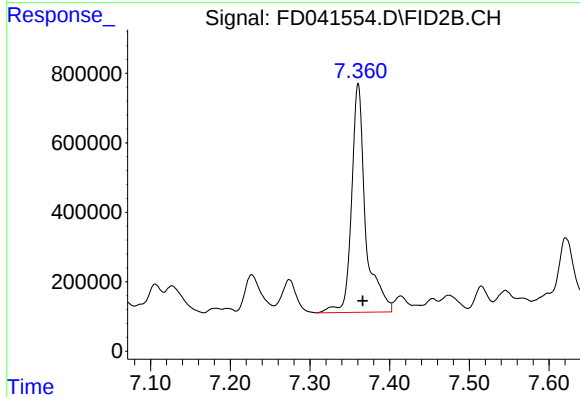
#2 Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: -0.007 min
Response: 810617
Conc: 4.44 ug/ml



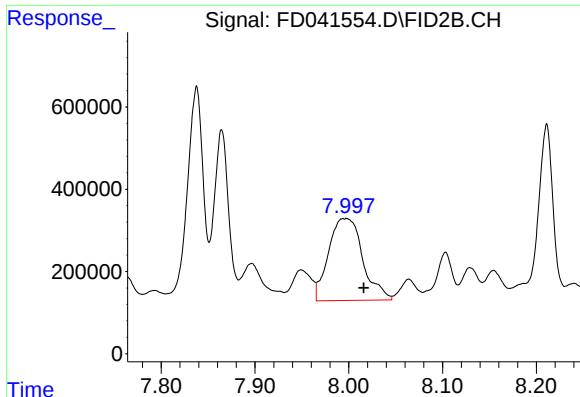
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: -0.006 min
Response: 5664447
Conc: 31.30 ug/ml



#4 2-Bromonaphthalene (SURR)

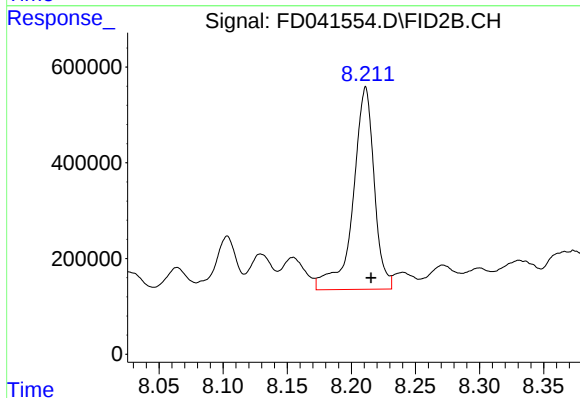
R.T.: 7.361 min
Delta R.T.: -0.006 min
Response: 8035640
Conc: 49.73 ug/ml



#5 Acenaphthylene (C15.06)

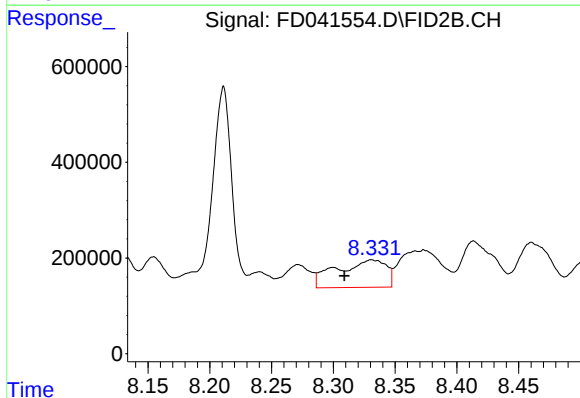
R.T.: 7.996 min
Delta R.T.: -0.020 min
Response: 5053824
Conc: 28.27 ug/ml

Instrument :
FID_D
ClientSampleId :



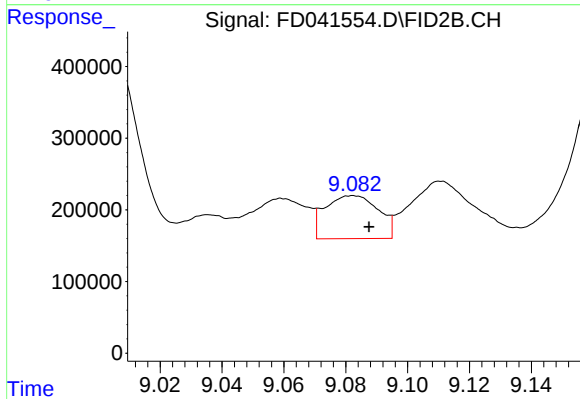
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.211 min
Delta R.T.: -0.005 min
Response: 4857942
Conc: 46.67 ug/ml



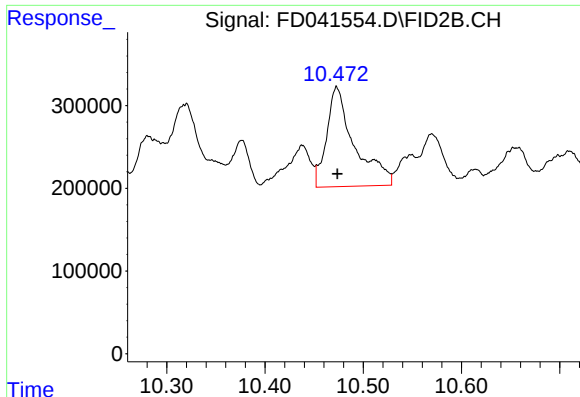
#7 Acenaphthene (C15.5)

R.T.: 8.332 min
Delta R.T.: 0.023 min
Response: 1597451
Conc: 8.36 ug/ml



#8 Flouorene (C16.55)

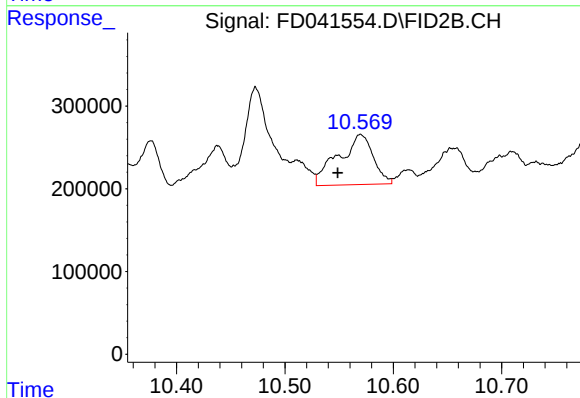
R.T.: 9.082 min
Delta R.T.: -0.005 min
Response: 716160
Conc: 4.18 ug/ml



#9 Phenanthrene (C19.36)

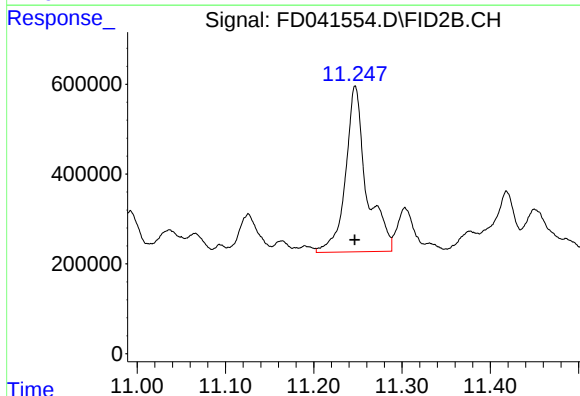
R.T.: 10.473 min
Delta R.T.: 0.000 min
Response: 2361987
Conc: 14.38 ug/ml

Instrument :
FID_D
ClientSampleId :



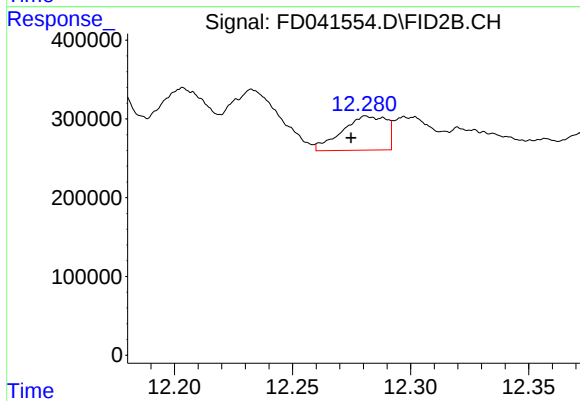
#10 Anthracene (C19.43)

R.T.: 10.570 min
Delta R.T.: 0.021 min
Response: 1359146
Conc: 8.50 ug/ml



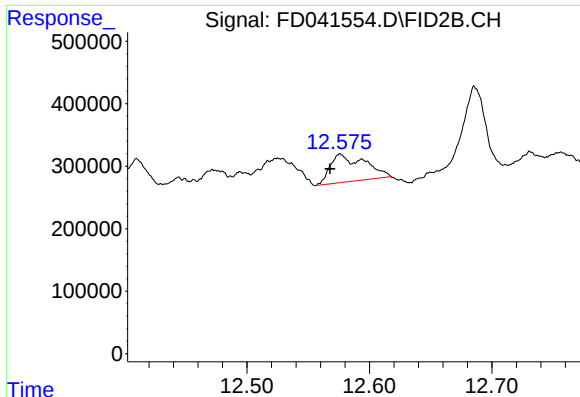
#11 ortho-Terphenyl (SURR)

R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 6074606
Conc: 34.63 ug/ml



#12 Fluoranthene (C21.85)

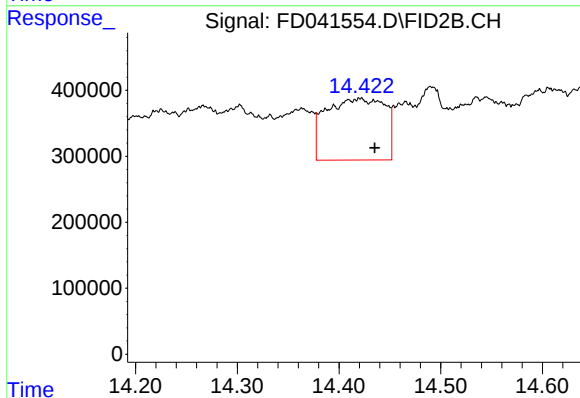
R.T.: 12.283 min
Delta R.T.: 0.008 min
Response: 563617
Conc: 3.35 ug/ml



#13 Pyrene (C20.8)

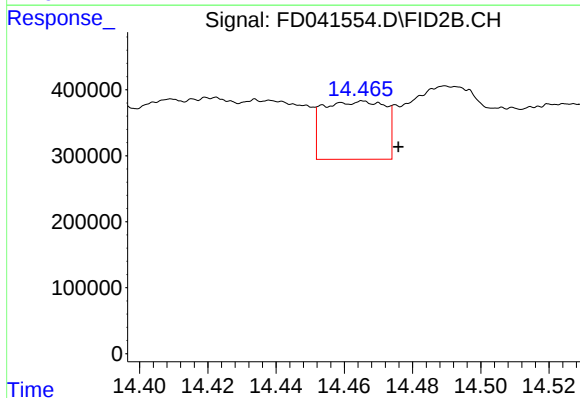
R.T.: 12.577 min
Delta R.T.: 0.009 min
Response: 1083933
Conc: 6.47 ug/ml

Instrument :
FID_D
ClientSampleId :



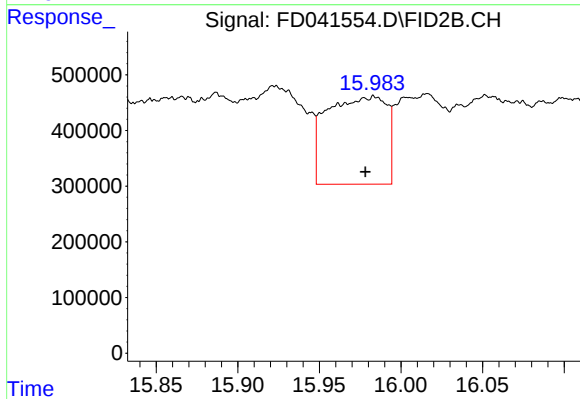
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.421 min
Delta R.T.: -0.015 min
Response: 3757429
Conc: 25.89 ug/ml



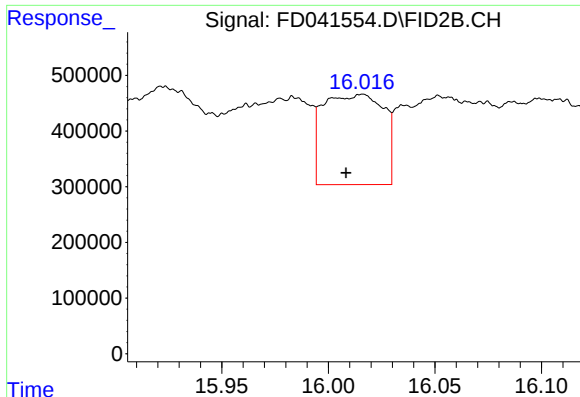
#15 Chrysene (C27.41)

R.T.: 14.465 min
Delta R.T.: -0.011 min
Response: 1111822
Conc: 6.75 ug/ml



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

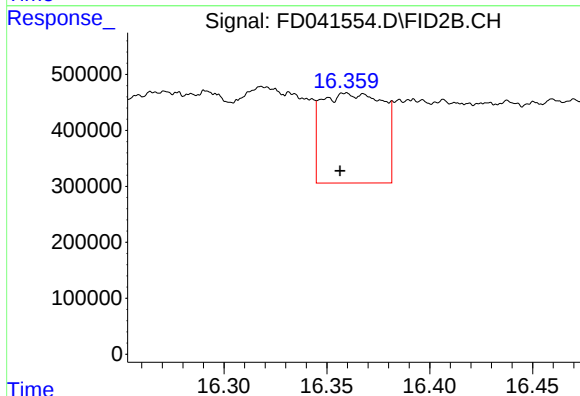
R.T.: 15.983 min
Delta R.T.: 0.005 min
Response: 4005386
Conc: 29.35 ug/ml



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

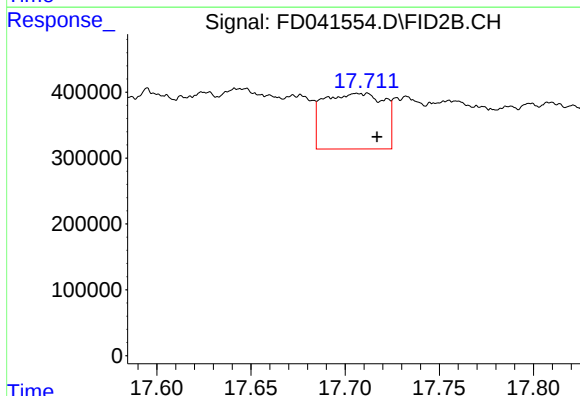
R.T.: 16.015 min
Delta R.T.: 0.007 min
Response: 3201792
Conc: 21.70 ug/ml

Instrument :
FID_D
ClientSampleId :



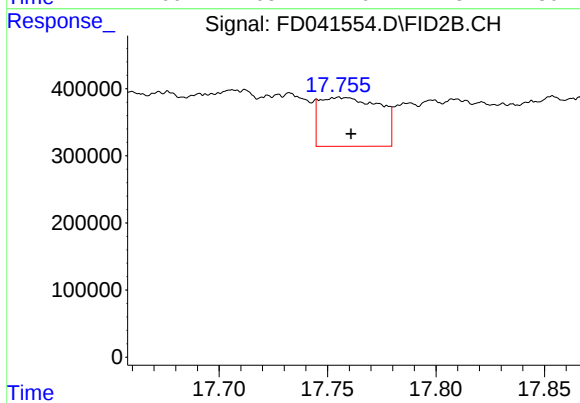
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.360 min
Delta R.T.: 0.004 min
Response: 3351819
Conc: 25.49 ug/ml



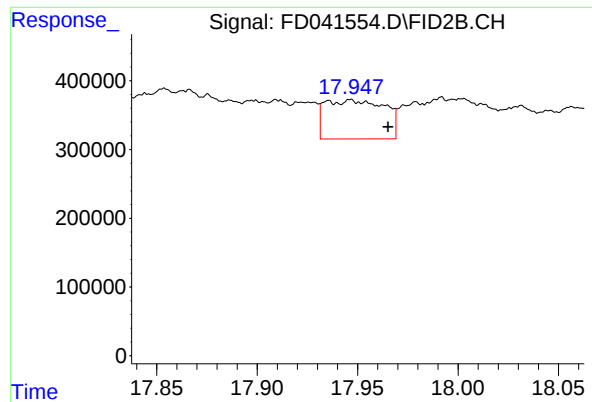
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.708 min
Delta R.T.: -0.009 min
Response: 1888201
Conc: 15.06 ug/ml



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

R.T.: 17.756 min
Delta R.T.: -0.004 min
Response: 1406483
Conc: 9.95 ug/ml



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

R.T.: 17.947 min
Delta R.T.: -0.018 min
Response: 1166980
Conc: 9.01 ug/ml

Instrument :

FID_D

ClientSampleId :