

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050422AR\
 Data File : FD042295.D
 Signal(s) : FID2B.CH
 Acq On : 04 May 2022 20:46
 Operator : UA/NP
 Sample : N2659-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 05 01:58:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 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...	7.344	6078951	43.369 ug/ml
Spiked Amount 50.000		Recovery =	86.74%
6) S 2-Fluorobiphenyl (SURR)	8.195	3426888	48.095 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.19%
11) S ortho-Terphenyl (SURR)	11.224	6996583	40.365 ug/ml
Spiked Amount 50.000		Recovery =	80.73%
Target Compounds			
2) T Naphthalene (C11.7)	5.705	117383	0.744 ug/ml
3) T 2-Methylnaphthalene (...)	6.746	178678	1.236 ug/ml
5) T Acenaphthylene (C15.06)	7.999	157957	0.958 ug/ml
7) T Acenaphthene (C15.5)	8.290	482184	2.568 ug/ml
8) T Fluorene (C16.55)	9.075	401191	2.634 ug/ml
9) T Phenanthrene (C19.36)	10.454	2022649	13.622 ug/ml
10) T Anthracene (C19.43)	10.541	464025	2.772 ug/ml
12) T Fluoranthene (C21.85)	12.257	1655225	10.552 ug/ml
13) T Pyrene (C20.8)	12.550	1273792	7.810 ug/ml
14) T Benzo[a]anthracene (C...	14.426	563676	4.712 ug/ml
15) T Chrysene (C27.41)	14.466	688428	3.752 ug/ml
16) T benzo[b]fluoranthene ...	15.976	500718	3.814 ug/ml
17) T Bnezo[k]fluoranthene ...	16.006	220736	1.277 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.357	494663	3.353 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.727	265670	2.662 ug/ml
20) T Dibenzo[a,h]anthracene...	17.772	138142	0.880 ug/ml
21) T Benzo[g,h,i]perylene ...	17.975	224886	1.624 ug/ml

(f)=RT Delta > 1/2 Window

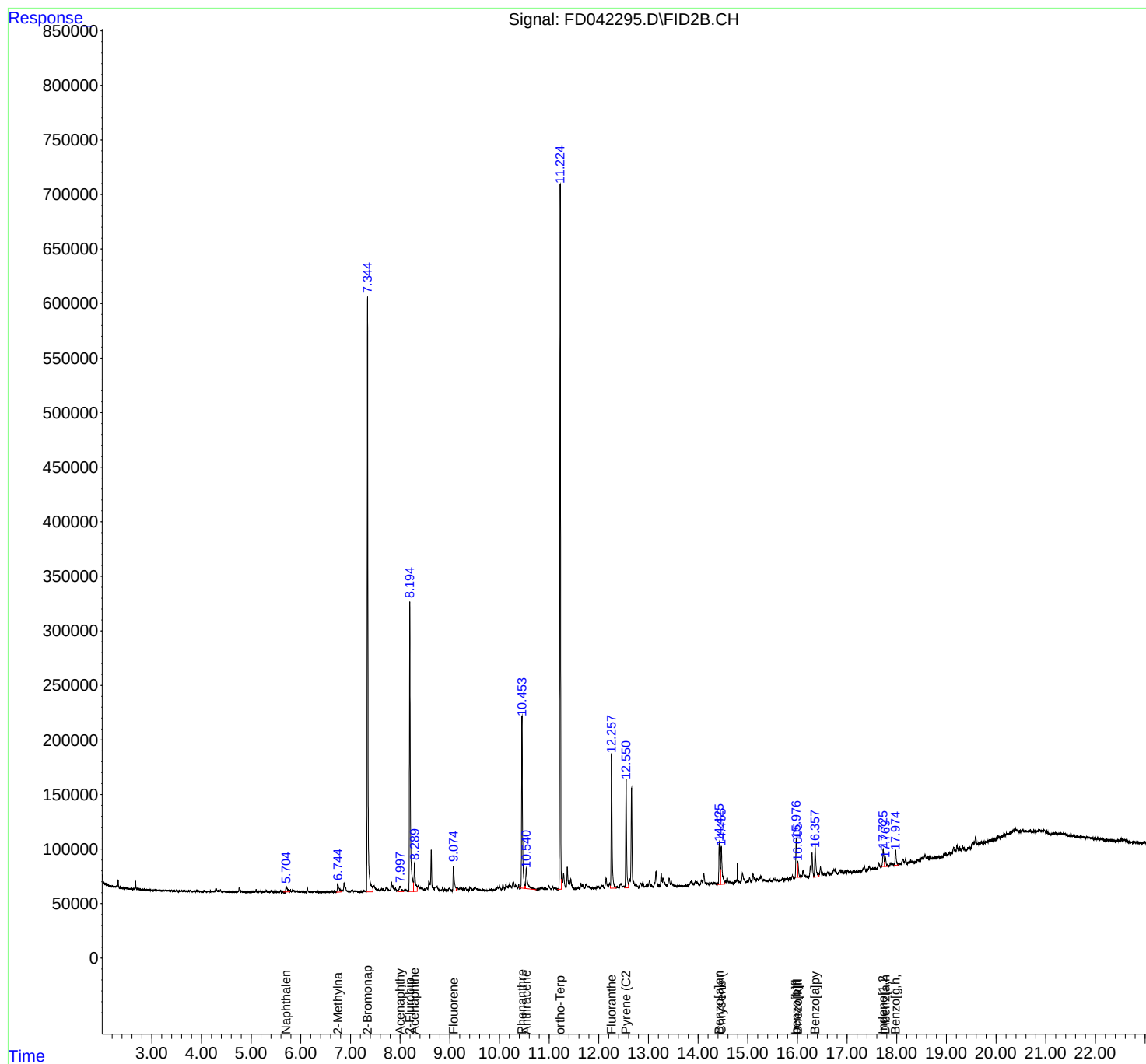
(m)=manual int.

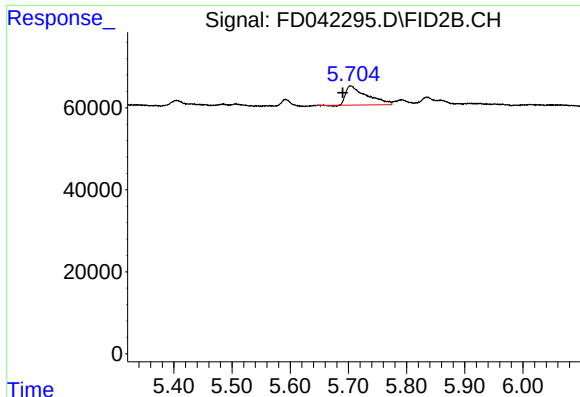
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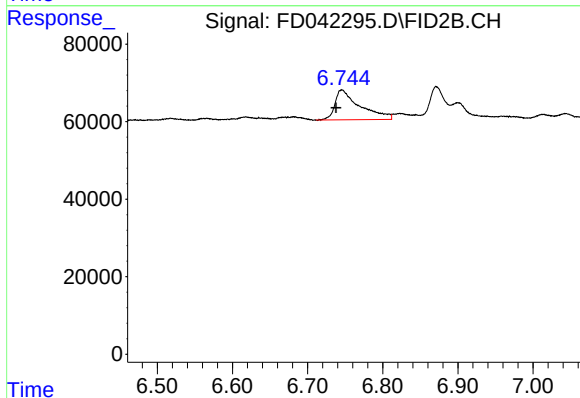




#2 Naphthalene (C11.7)

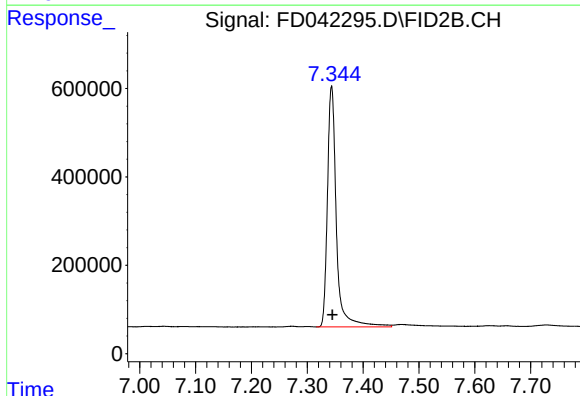
R.T.: 5.705 min
Delta R.T.: 0.014 min
Response: 117383
Conc: 0.74 ug/ml

Instrument :
FID_D
ClientSampleId :



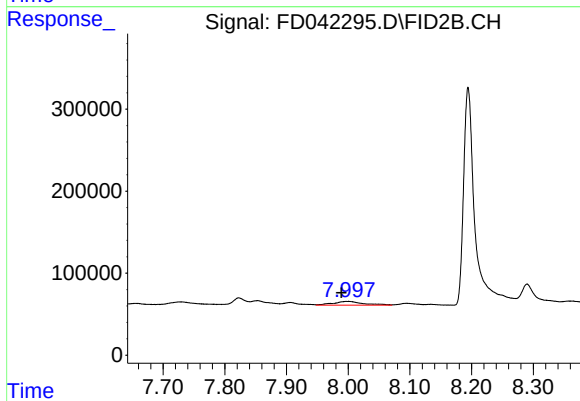
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.746 min
Delta R.T.: 0.008 min
Response: 178678
Conc: 1.24 ug/ml



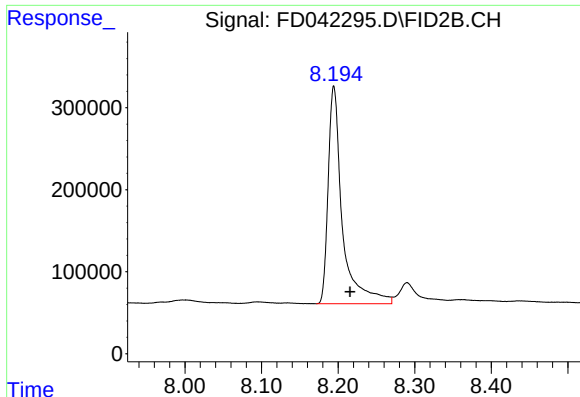
#4 2-Bromonaphthalene (SURR)

R.T.: 7.344 min
Delta R.T.: -0.001 min
Response: 6078951
Conc: 43.37 ug/ml



#5 Acenaphthylene (C15.06)

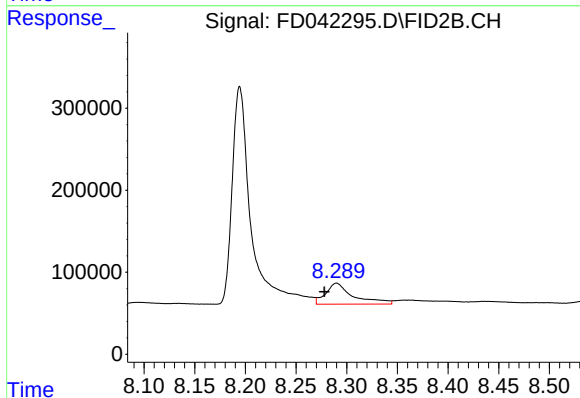
R.T.: 7.999 min
Delta R.T.: 0.010 min
Response: 157957
Conc: 0.96 ug/ml



#6 2-Fluorobiphenyl (SURR)

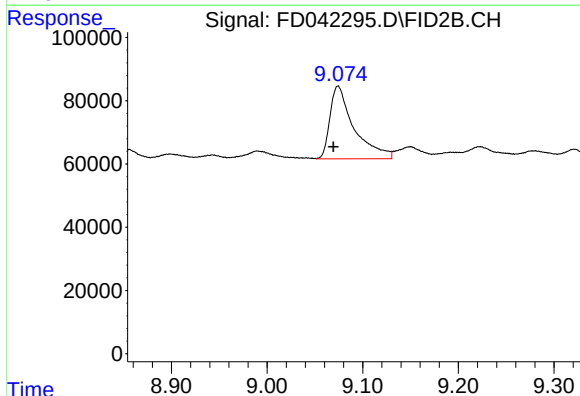
R.T.: 8.195 min
Delta R.T.: -0.021 min
Response: 3426888
Conc: 48.10 ug/ml

Instrument :
FID_D
ClientSampleId :



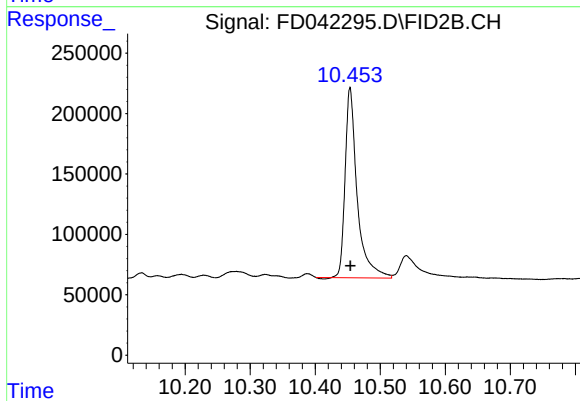
#7 Acenaphthene (C15.5)

R.T.: 8.290 min
Delta R.T.: 0.012 min
Response: 482184
Conc: 2.57 ug/ml



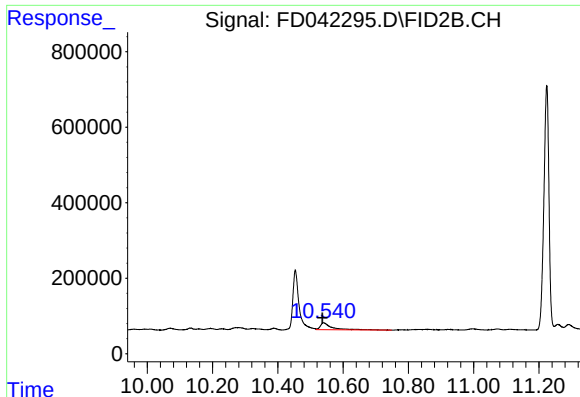
#8 Flouorene (C16.55)

R.T.: 9.075 min
Delta R.T.: 0.005 min
Response: 401191
Conc: 2.63 ug/ml



#9 Phenanthrene (C19.36)

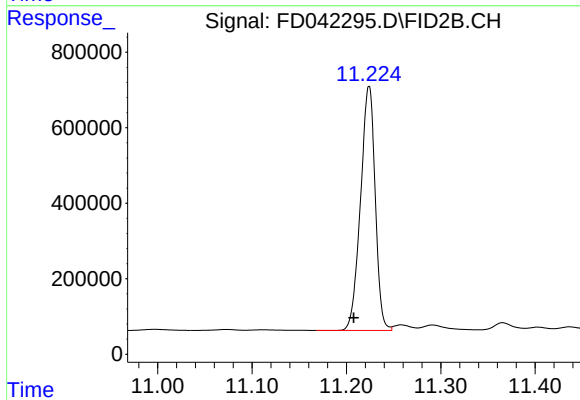
R.T.: 10.454 min
Delta R.T.: 0.000 min
Response: 2022649
Conc: 13.62 ug/ml



#10 Anthracene (C19.43)

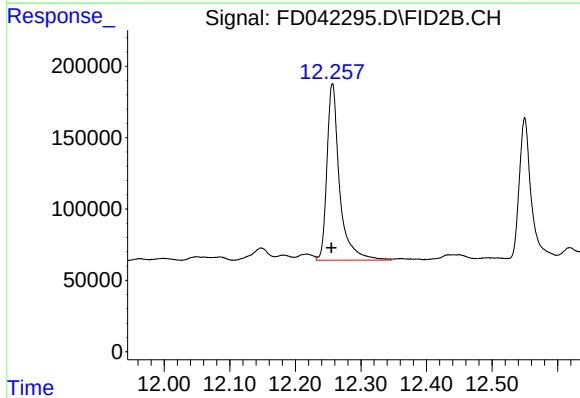
R.T.: 10.541 min
Delta R.T.: 0.004 min
Response: 464025
Conc: 2.77 ug/ml

Instrument :
FID_D
ClientSampleId :



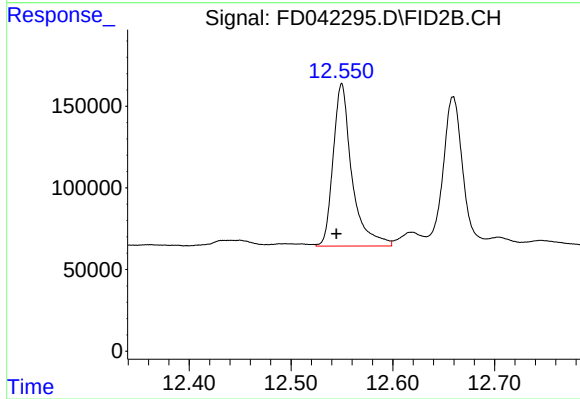
#11 ortho-Terphenyl (SURR)

R.T.: 11.224 min
Delta R.T.: 0.016 min
Response: 6996583
Conc: 40.37 ug/ml



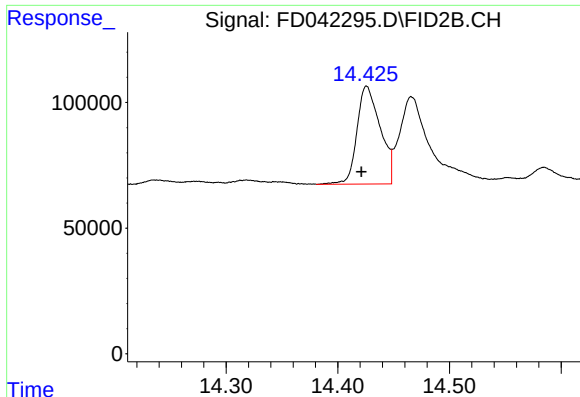
#12 Fluoranthene (C21.85)

R.T.: 12.257 min
Delta R.T.: 0.002 min
Response: 1655225
Conc: 10.55 ug/ml



#13 Pyrene (C20.8)

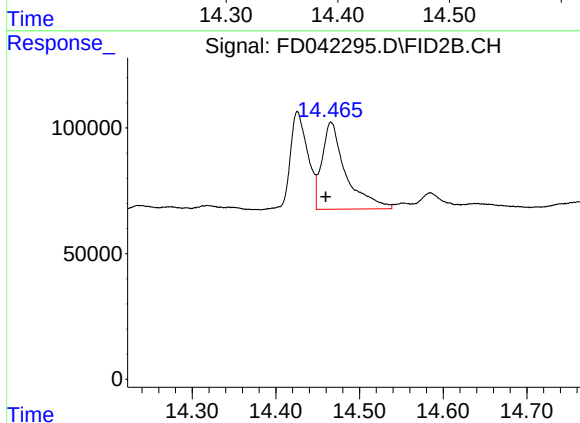
R.T.: 12.550 min
Delta R.T.: 0.005 min
Response: 1273792
Conc: 7.81 ug/ml



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

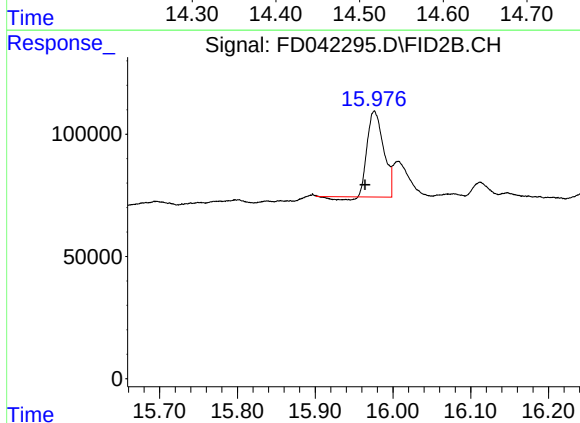
R.T.: 14.426 min
Delta R.T.: 0.005 min
Response: 563676
Conc: 4.71 ug/ml

Instrument :
FID_D
ClientSampleId :



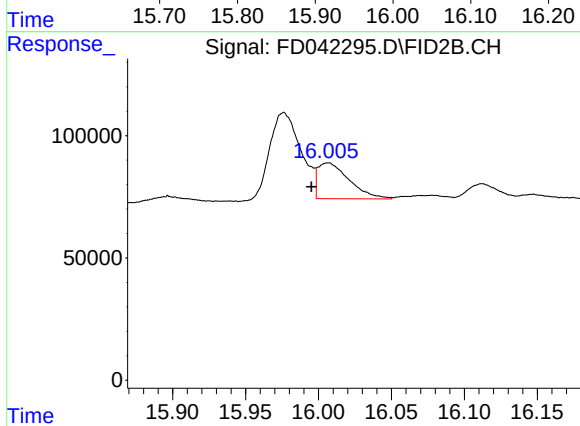
#15 Chrysene (C27.41)

R.T.: 14.466 min
Delta R.T.: 0.006 min
Response: 688428
Conc: 3.75 ug/ml



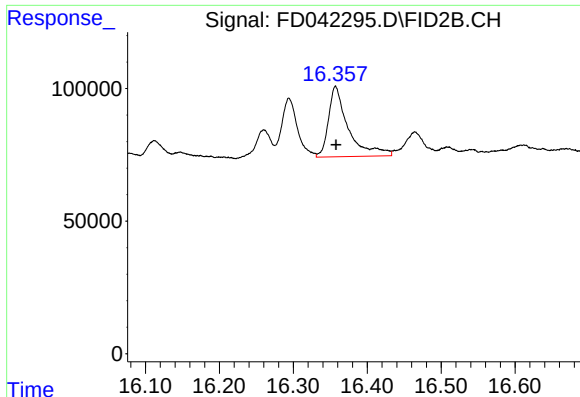
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.976 min
Delta R.T.: 0.012 min
Response: 500718
Conc: 3.81 ug/ml



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

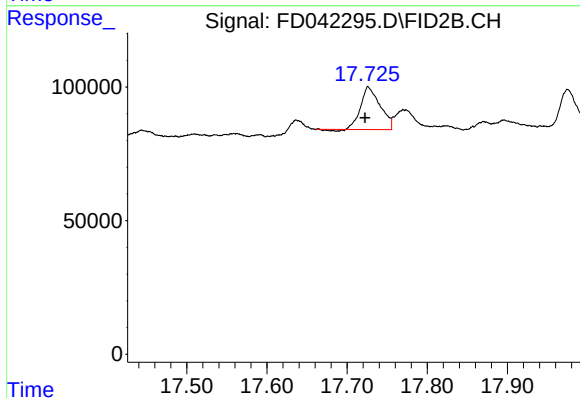
R.T.: 16.006 min
Delta R.T.: 0.011 min
Response: 220736
Conc: 1.28 ug/ml



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

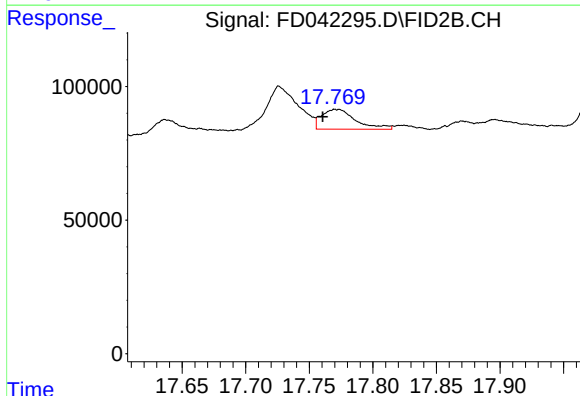
R.T.: 16.357 min
Delta R.T.: 0.000 min
Response: 494663
Conc: 3.35 ug/ml

Instrument :
FID_D
ClientSampleId :



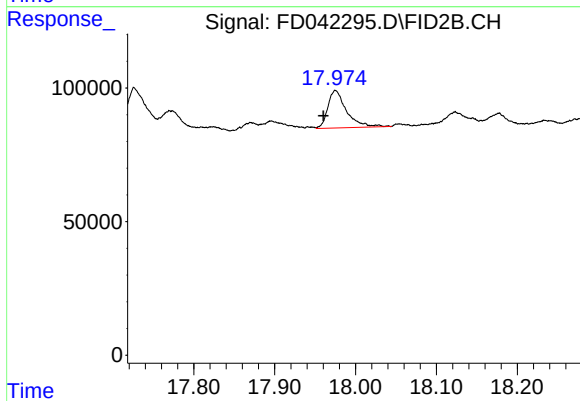
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.727 min
Delta R.T.: 0.005 min
Response: 265670
Conc: 2.66 ug/ml



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

R.T.: 17.772 min
Delta R.T.: 0.011 min
Response: 138142
Conc: 0.88 ug/ml



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

R.T.: 17.975 min
Delta R.T.: 0.015 min
Response: 224886
Conc: 1.62 ug/ml