

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
 Data File : FD049176.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2025 15:50
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 10 03:15:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 02:40:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.353	2941202	19.343 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
6) S 2-Fluorobiphenyl (SURR)	8.205	1692784	21.253 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.51%
11) S ortho-Terphenyl (SURR)	11.233	3361993	19.233 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	3229598	19.542 ug/ml
2) T Naphthalene (C11.7)	5.693	3258488	19.842 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	3228516	19.694 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3369136	19.398 ug/ml
7) T Acenaphthene (C15.5)	8.296	3531326	18.865 ug/ml
8) T Flouorene (C16.55)	9.078	3214001	19.855 ug/ml
9) T Phenanthrene (C19.36)	10.464	3083320	19.603 ug/ml
10) T Anthracene (C19.43)	10.543	3012212	19.715 ug/ml
12) T Fluoranthene (C21.85)	12.269	3165351	19.613 ug/ml
13) T Pyrene (C20.8)	12.562	3180563	19.700 ug/ml
14) T Benzo[a]anthracene (C...	14.432	2544639	22.415 ug/ml
15) T Chrysene (C27.41)	14.473	2622348	16.894 ug/ml
16) T benzo[b]fluoranthene ...	15.979	2749554	20.717 ug/ml
17) T Bnezo[k]fluoranthene ...	16.012	3119688	19.800 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.362	2681273	19.467 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.733	1736496	17.782 ug/ml
20) T Dibenz[a,h]anthracene...	17.776	2401137	19.688 ug/ml
21) T Benzo[g,h,i]perylene ...	17.975	2464396	19.919 ug/ml

(f)=RT Delta > 1/2 Window

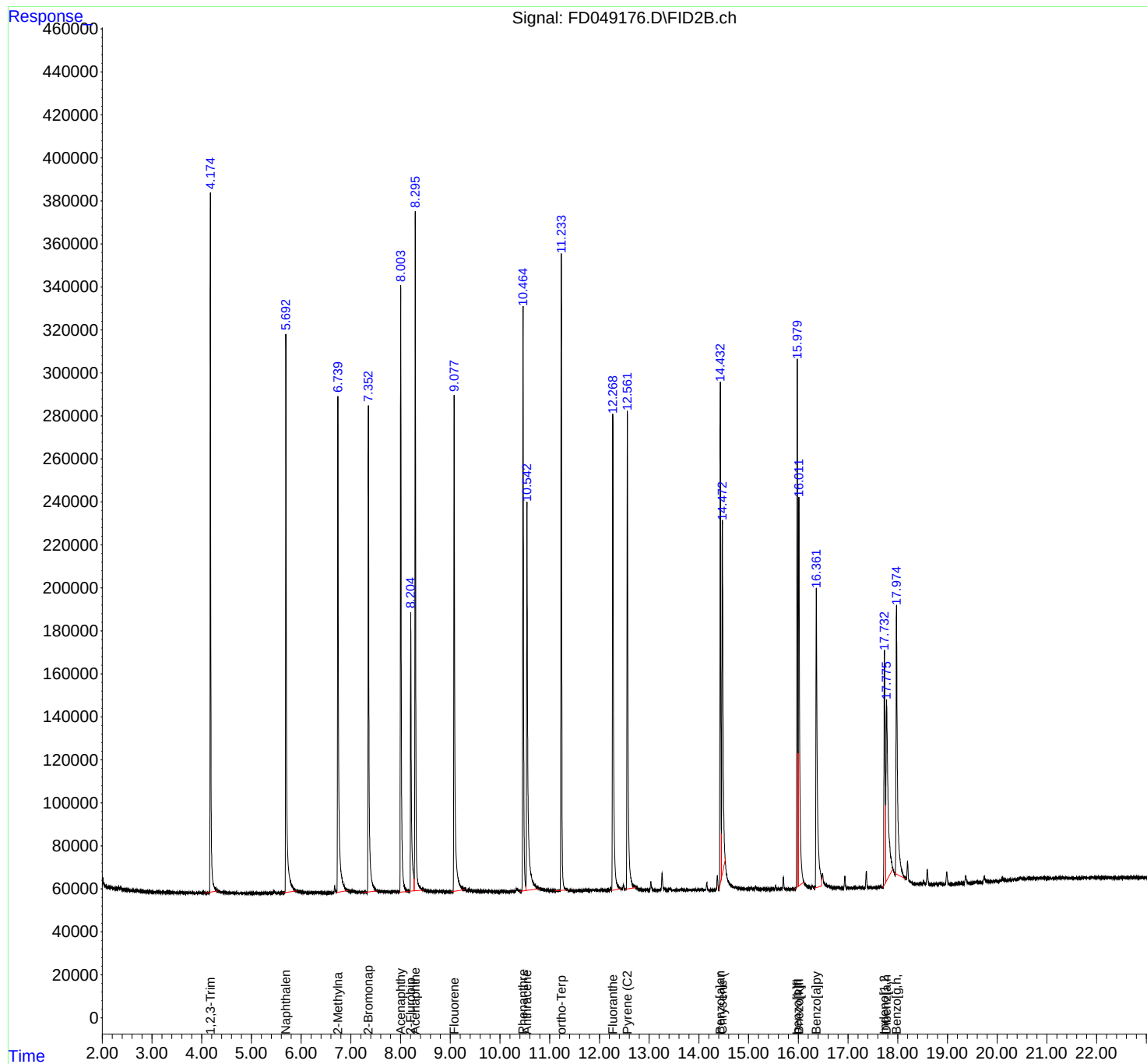
(m)=manual int.

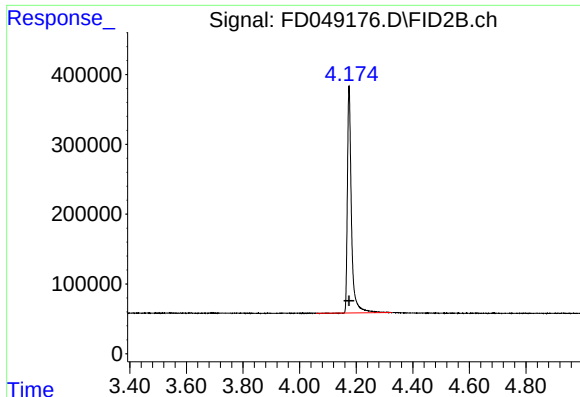
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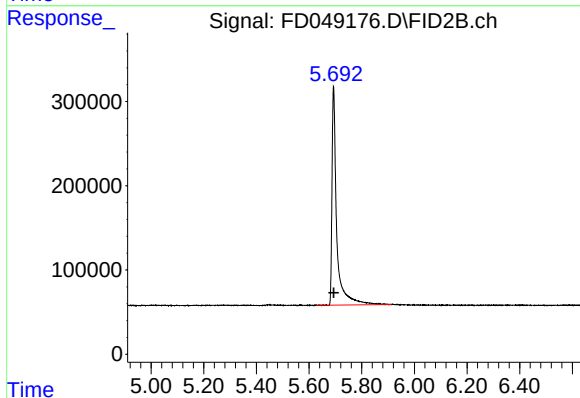




#1 1,2,3-Trimethylbenzene (C10.1)

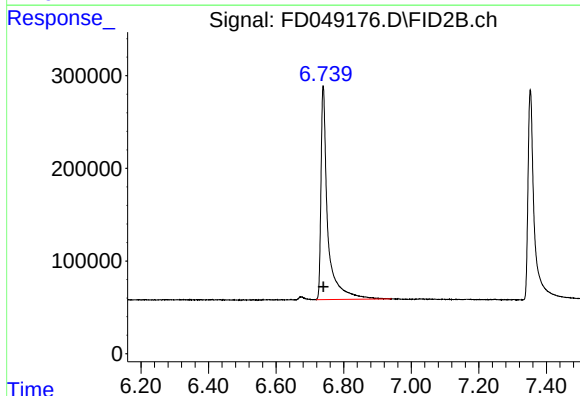
R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 3229598
Conc: 19.54 ug/ml

Instrument :
FID_D
ClientSampleId :



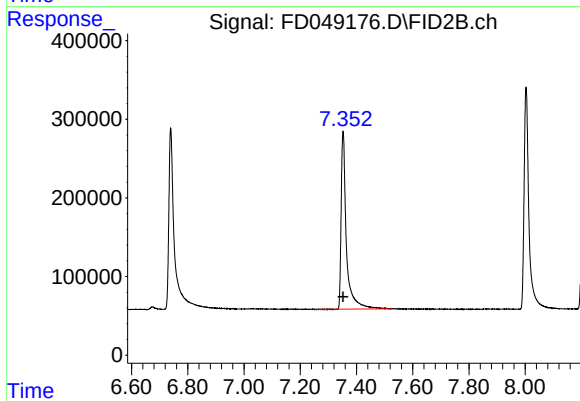
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 3258488
Conc: 19.84 ug/ml



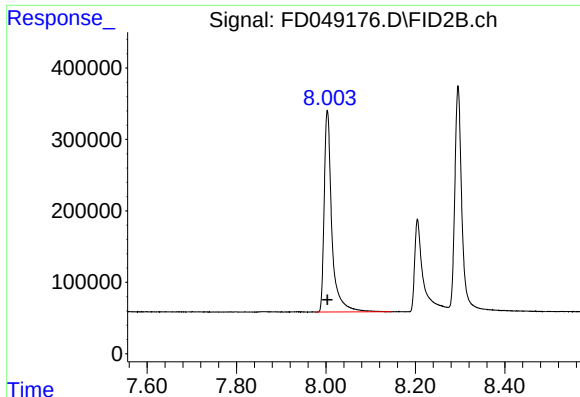
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 3228516
Conc: 19.69 ug/ml



#4 2-Bromonaphthalene (SURR)

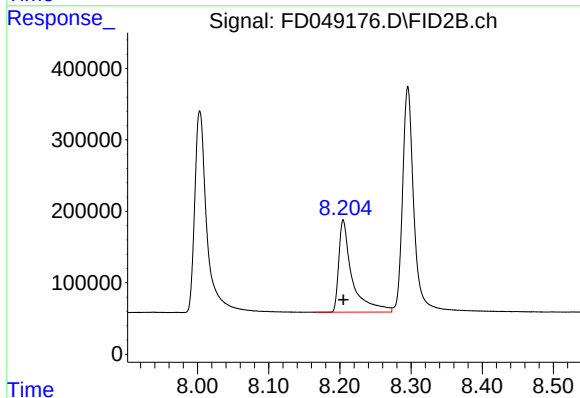
R.T.: 7.353 min
Delta R.T.: 0.000 min
Response: 2941202
Conc: 19.34 ug/ml



#5 Acenaphthylene (C15.06)

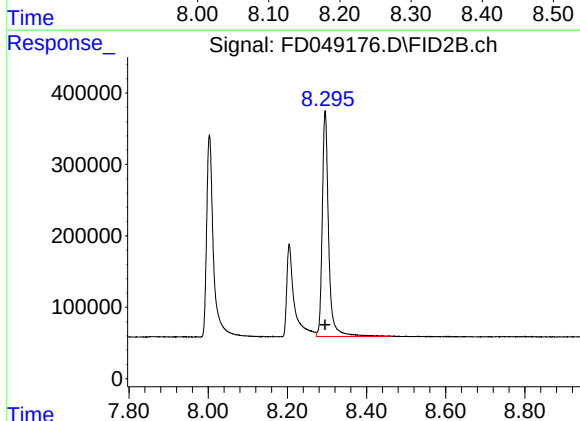
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 3369136
Conc: 19.40 ug/ml

Instrument :
FID_D
ClientSampleId :



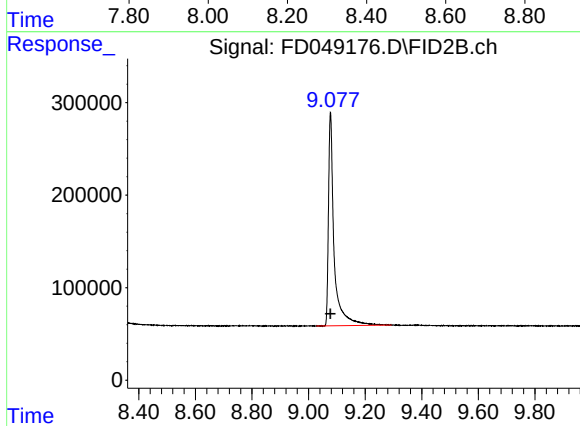
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.205 min
Delta R.T.: 0.000 min
Response: 1692784
Conc: 21.25 ug/ml



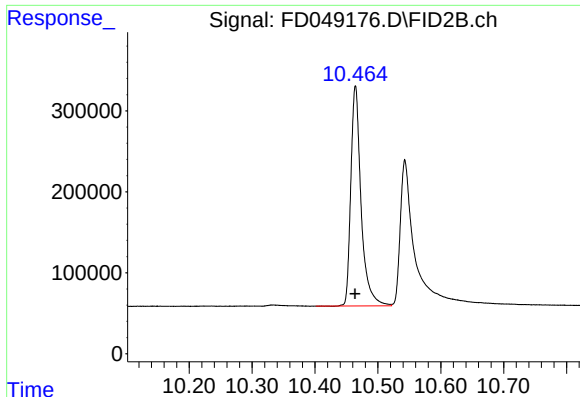
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 3531326
Conc: 18.87 ug/ml



#8 Fluorene (C16.55)

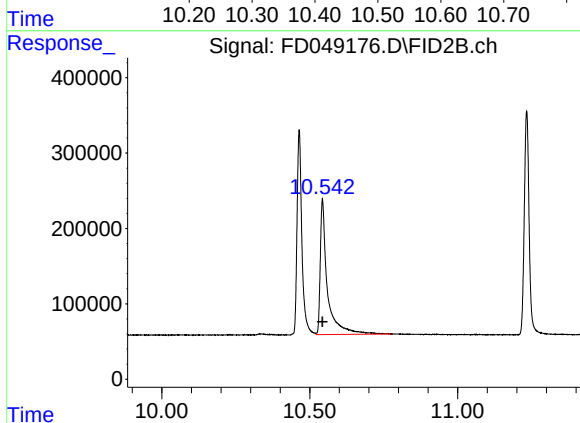
R.T.: 9.078 min
Delta R.T.: 0.000 min
Response: 3214001
Conc: 19.86 ug/ml



#9 Phenanthrene (C19.36)

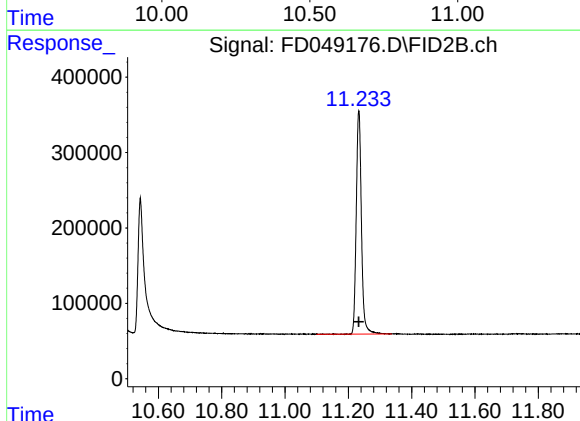
R.T.: 10.464 min
Delta R.T.: 0.000 min
Response: 3083320
Conc: 19.60 ug/ml

Instrument :
FID_D
ClientSampleId :



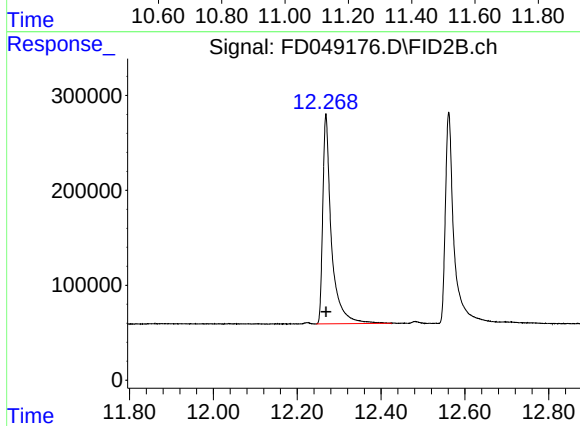
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: 0.000 min
Response: 3012212
Conc: 19.71 ug/ml



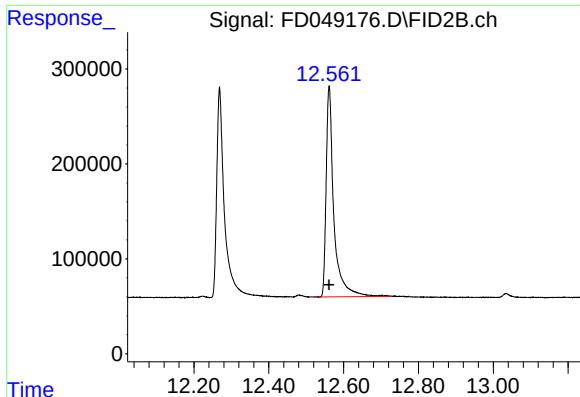
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: 0.000 min
Response: 3361993
Conc: 19.23 ug/ml



#12 Fluoranthene (C21.85)

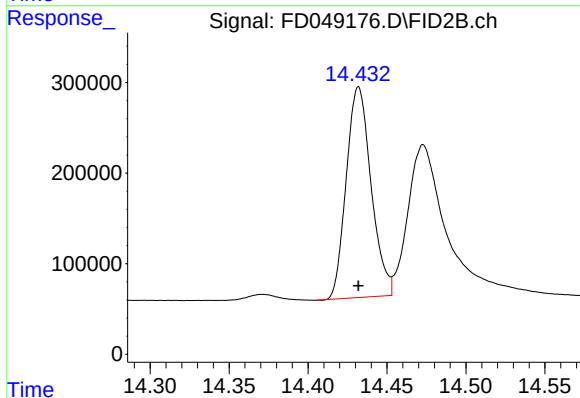
R.T.: 12.269 min
Delta R.T.: 0.000 min
Response: 3165351
Conc: 19.61 ug/ml



#13 Pyrene (C20.8)

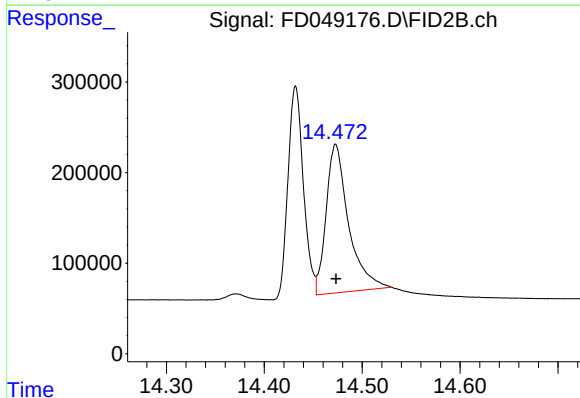
R.T.: 12.562 min
Delta R.T.: 0.000 min
Response: 3180563
Conc: 19.70 ug/ml

Instrument :
FID_D
ClientSampleId :



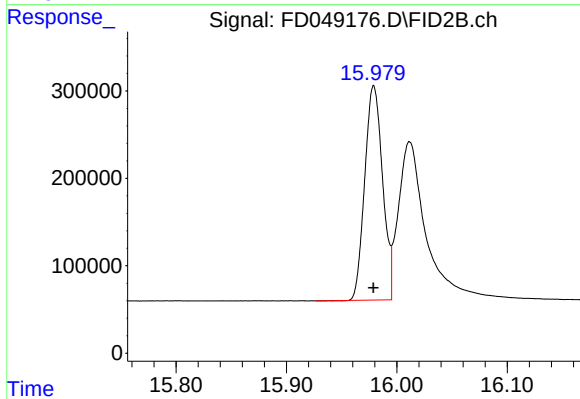
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.432 min
Delta R.T.: 0.000 min
Response: 2544639
Conc: 22.41 ug/ml



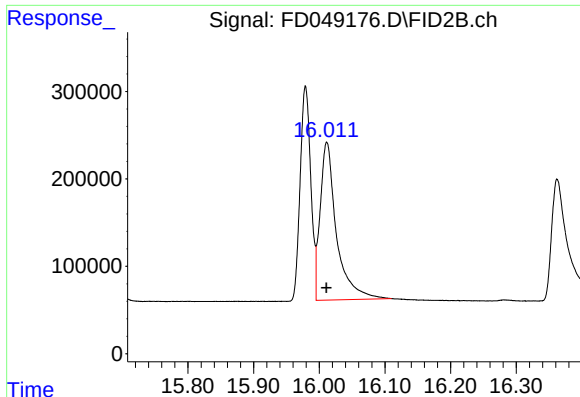
#15 Chrysene (C27.41)

R.T.: 14.473 min
Delta R.T.: 0.000 min
Response: 2622348
Conc: 16.89 ug/ml



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

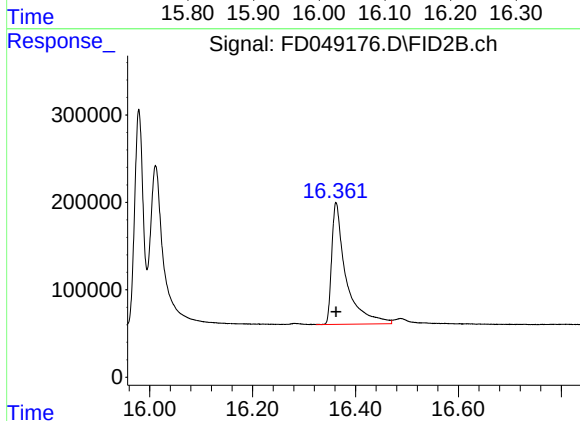
R.T.: 15.979 min
Delta R.T.: 0.000 min
Response: 2749554
Conc: 20.72 ug/ml



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

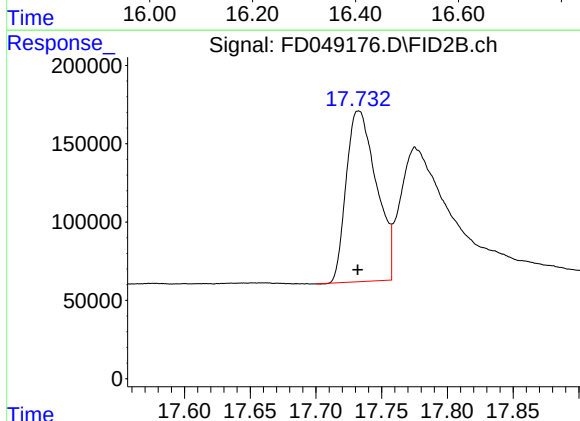
R.T.: 16.012 min
Delta R.T.: 0.000 min
Response: 3119688
Conc: 19.80 ug/ml

Instrument :
FID_D
ClientSampleId :



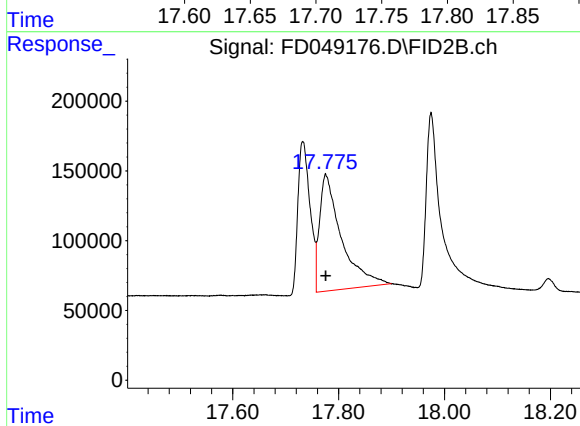
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.362 min
Delta R.T.: 0.000 min
Response: 2681273
Conc: 19.47 ug/ml



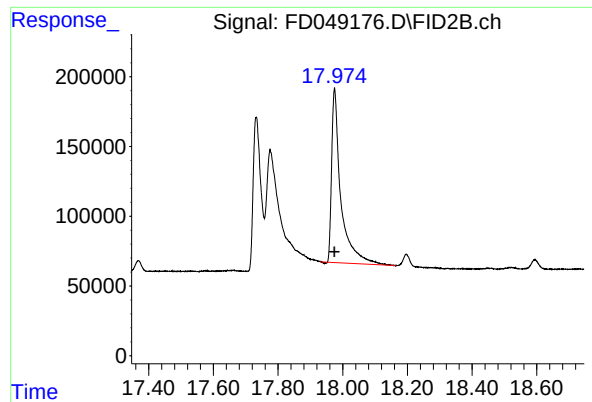
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.733 min
Delta R.T.: 0.000 min
Response: 1736496
Conc: 17.78 ug/ml



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

R.T.: 17.776 min
Delta R.T.: 0.000 min
Response: 2401137
Conc: 19.69 ug/ml



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

R.T.: 17.975 min
Delta R.T.: 0.000 min
Response: 2464396
Conc: 19.92 ug/ml

Instrument :

FID_D

ClientSampleId :