

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061225AR\
 Data File : FD049470.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2025 22:44
 Operator : YP/AJ
 Sample : Q2286-03
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LAW-25-0084

Integration File: autoint1.e
 Quant Time: Jun 13 04:17:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 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...	7.735	7961212	47.892 ug/ml
Spiked Amount 50.000		Recovery =	95.78%
6) S 2-Fluorobiphenyl (SURR)	8.608	5417285	47.355 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.71%
11) S ortho-Terphenyl (SURR)	11.627	20688419	103.071 ug/ml
Spiked Amount 50.000		Recovery =	206.14%
Target Compounds			
2) T Naphthalene (C11.7)	6.068	768533	4.377 ug/ml
3) T 2-Methylnaphthalene (...)	7.122	1206737	6.755 ug/ml
5) T Acenaphthylene (C15.06)	8.428	1639933	8.466 ug/ml
7) T Acenaphthene (C15.5)	8.725	9789707	51.466 ug/ml
8) T Flouorene (C16.55)	9.494	2727015	13.947 ug/ml
9) T Phenanthrene (C19.36)	10.867	14392867	75.696 ug/ml
10) T Anthracene (C19.43)	10.925	36381876	208.111 ug/ml
12) T Fluoranthene (C21.85)	12.706	453868	2.516 ug/ml
13) T Pyrene (C20.8)	12.993	4280781	23.984 ug/ml
14) T Benzo[a]anthracene (C...	14.882	209480	1.378 ug/ml
15) T Chrysene (C27.41)	14.924	496859	3.272 ug/ml
16) T benzo[b]fluoranthene ...	16.409	3077900	21.264 ug/ml
17) T Bnezo[k]fluoranthene ...	16.447	2833432	19.745 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.787	673501	4.955 ug/ml
21) T Benzo[g,h,i]perylene ...	18.403	211771	1.571 ug/ml

(f)=RT Delta > 1/2 Window

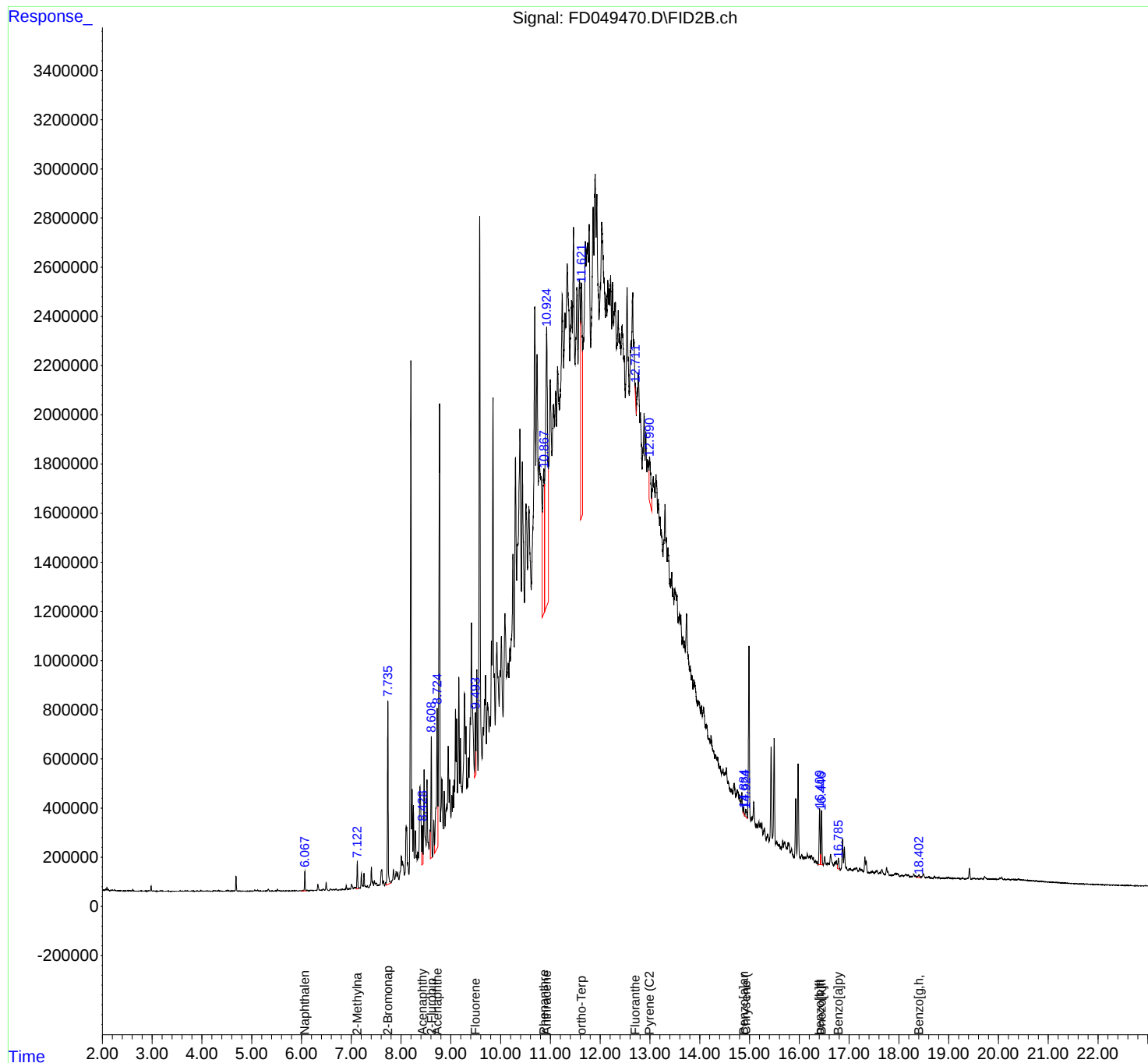
(m)=manual int.

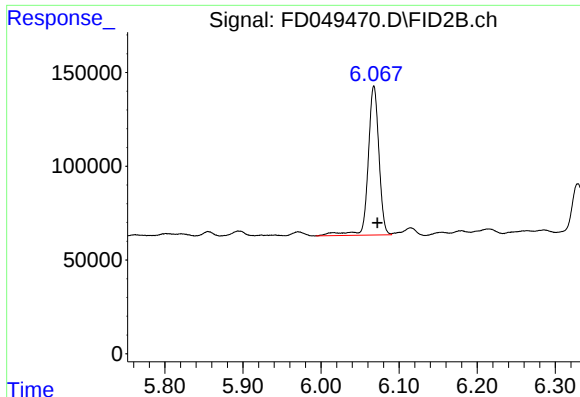
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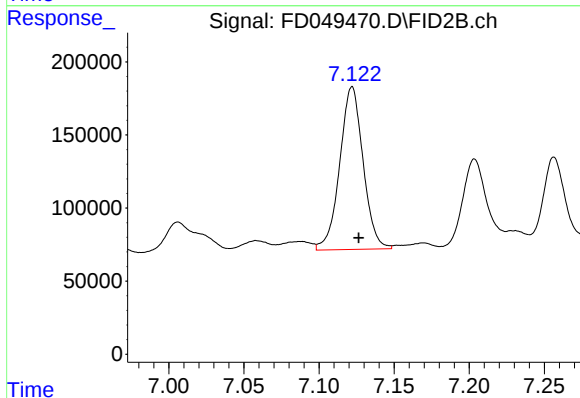




#2 Naphthalene (C11.7)

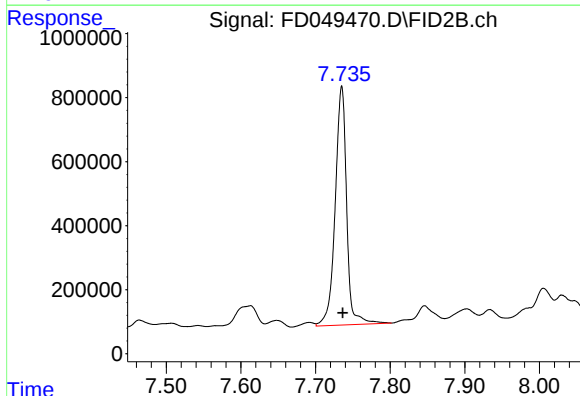
R.T.: 6.068 min
Delta R.T.: -0.005 min
Response: 768533
Conc: 4.38 ug/ml

Instrument :
FID_D
ClientSampleId :
LAW-25-0084



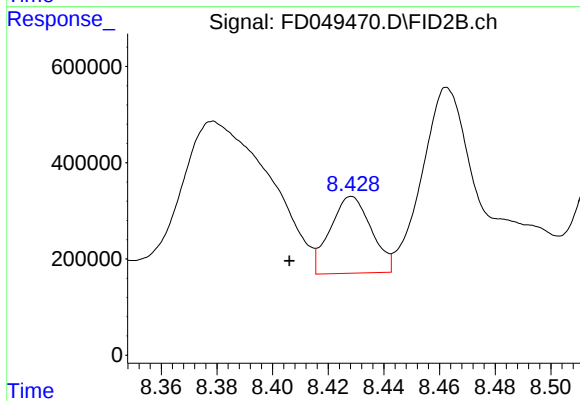
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.122 min
Delta R.T.: -0.005 min
Response: 1206737
Conc: 6.75 ug/ml



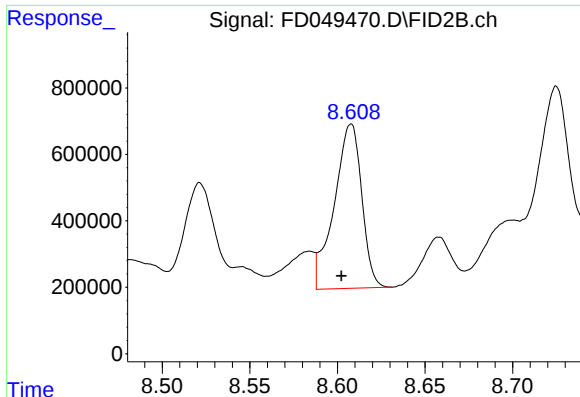
#4 2-Bromonaphthalene (SURR)

R.T.: 7.735 min
Delta R.T.: -0.001 min
Response: 7961212
Conc: 47.89 ug/ml



#5 Acenaphthylene (C15.06)

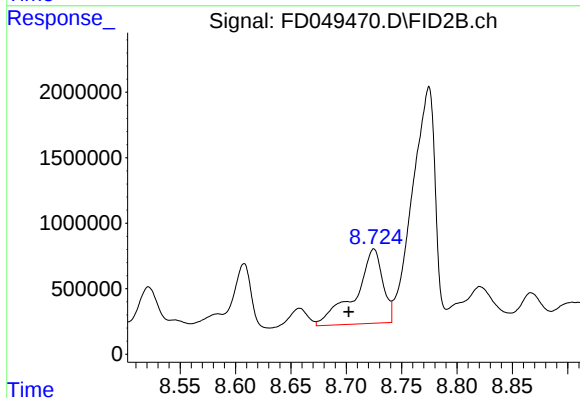
R.T.: 8.428 min
Delta R.T.: 0.022 min
Response: 1639933
Conc: 8.47 ug/ml



#6 2-Fluorobiphenyl (SURR)

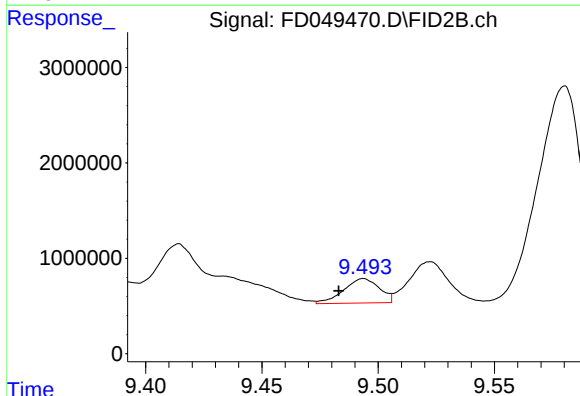
R.T.: 8.608 min
Delta R.T.: 0.005 min
Response: 5417285
Conc: 47.36 ug/ml

Instrument :
FID_D
ClientSampleId :
LAW-25-0084



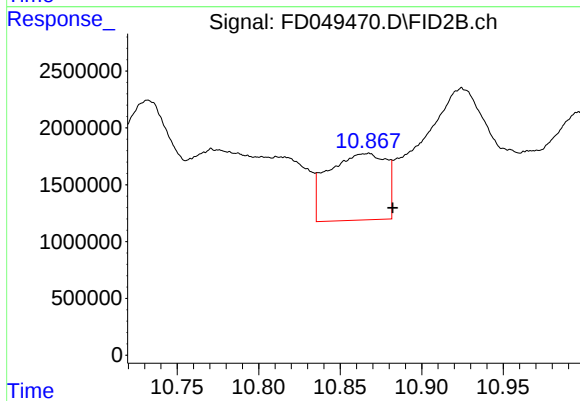
#7 Acenaphthene (C15.5)

R.T.: 8.725 min
Delta R.T.: 0.023 min
Response: 9789707
Conc: 51.47 ug/ml



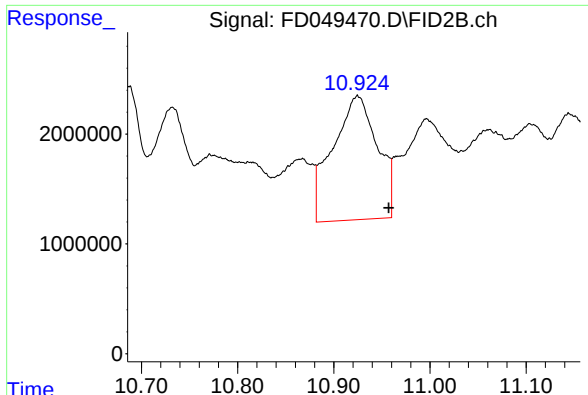
#8 Flouorene (C16.55)

R.T.: 9.494 min
Delta R.T.: 0.011 min
Response: 2727015
Conc: 13.95 ug/ml



#9 Phenanthrene (C19.36)

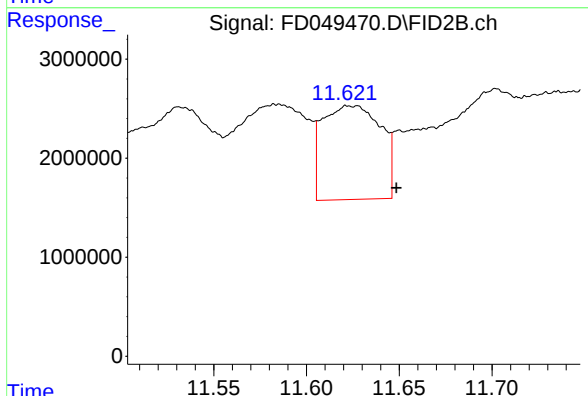
R.T.: 10.867 min
Delta R.T.: -0.015 min
Response: 14392867
Conc: 75.70 ug/ml



#10 Anthracene (C19.43)

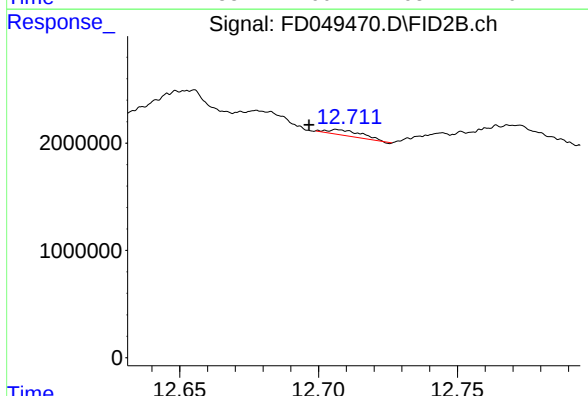
R.T.: 10.925 min
Delta R.T.: -0.032 min
Response: 36381876
Conc: 208.11 ug/ml

Instrument :
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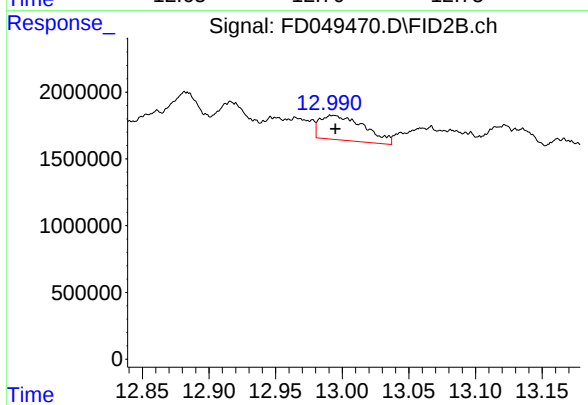
#11 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.022 min
Response: 20688419
Conc: 103.07 ug/ml



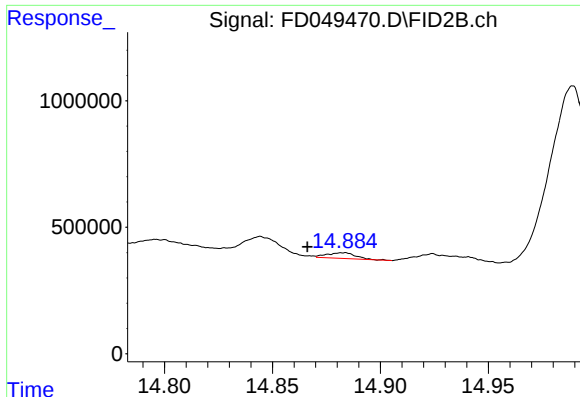
#12 Fluoranthene (C21.85)

R.T.: 12.706 min
Delta R.T.: 0.010 min
Response: 453868
Conc: 2.52 ug/ml



#13 Pyrene (C20.8)

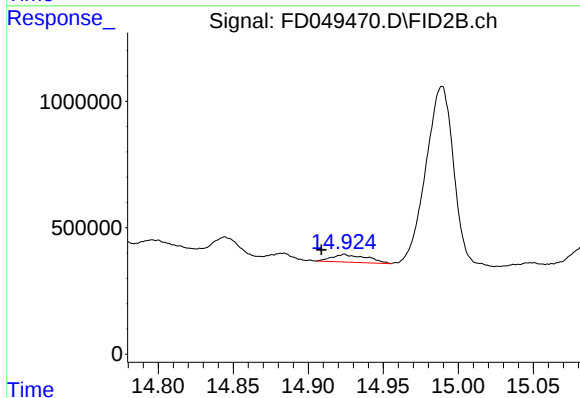
R.T.: 12.993 min
Delta R.T.: -0.002 min
Response: 4280781
Conc: 23.98 ug/ml



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

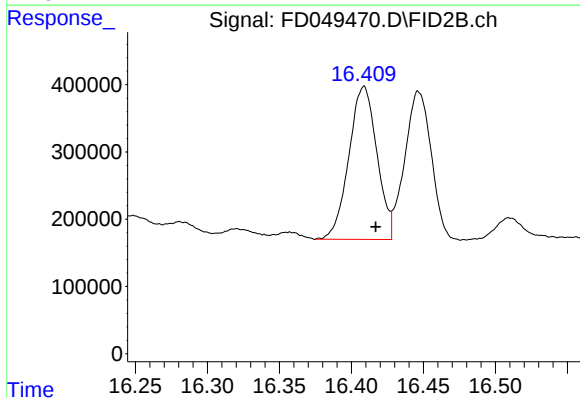
R.T.: 14.882 min
Delta R.T.: 0.016 min
Response: 209480
Conc: 1.38 ug/ml

Instrument :
FID_D
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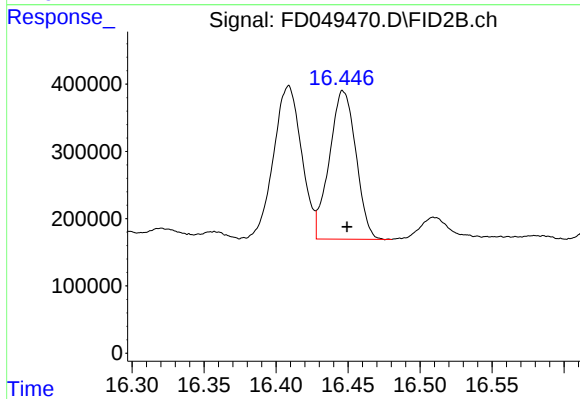
#15 Chrysene (C27.41)

R.T.: 14.924 min
Delta R.T.: 0.015 min
Response: 496859
Conc: 3.27 ug/ml



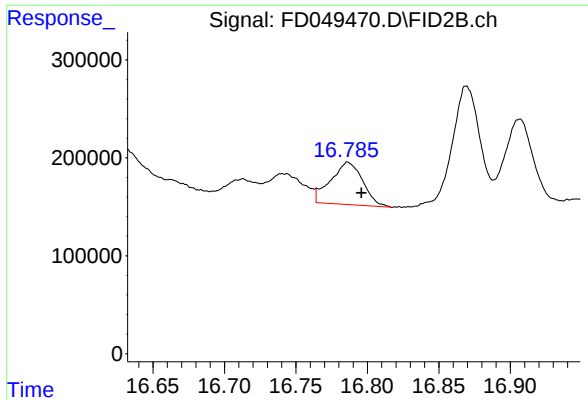
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.409 min
Delta R.T.: -0.008 min
Response: 3077900
Conc: 21.26 ug/ml



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

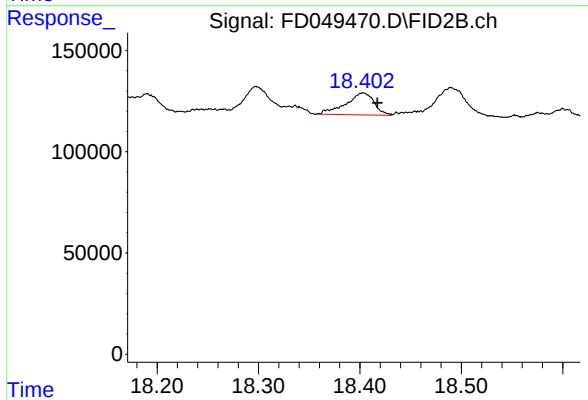
R.T.: 16.447 min
Delta R.T.: -0.003 min
Response: 2833432
Conc: 19.75 ug/ml



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

R.T.: 16.787 min
Delta R.T.: -0.009 min
Response: 673501
Conc: 4.96 ug/ml

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

R.T.: 18.403 min
Delta R.T.: -0.014 min
Response: 211771
Conc: 1.57 ug/ml