

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030525AR\
 Data File : FD049161.D
 Signal(s) : FID2B.ch
 Acq On : 05 Mar 2025 17:12
 Operator : YP/AJ
 Sample : PB166976BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166976BSD

Integration File: autoint1.e
 Quant Time: Mar 05 23:30:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 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...	7.351	8619183	60.228 ug/ml
Spiked Amount 50.000		Recovery =	120.46%
6) S 2-Fluorobiphenyl (SURR)	8.201	5168475	58.792 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.58%
11) S ortho-Terphenyl (SURR)	11.236	8602132	53.174 ug/ml
Spiked Amount 50.000		Recovery =	106.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	5624480	35.318 ug/ml
2) T Naphthalene (C11.7)	5.692	6447560	40.605 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	6620553	42.523 ug/ml
5) T Acenaphthylene (C15.06)	8.003	7668529	47.160 ug/ml
7) T Acenaphthene (C15.5)	8.298	8295826	50.428 ug/ml
8) T Fluorene (C16.55)	9.077	8069862	51.189 ug/ml
9) T Phenanthrene (C19.36)	10.465	8131454	53.957 ug/ml
10) T Anthracene (C19.43)	10.540	8198495	54.284 ug/ml
12) T Fluoranthene (C21.85)	12.270	8348434	54.100 ug/ml
13) T Pyrene (C20.8)	12.562	8266371	53.657 ug/ml
14) T Benzo[a]anthracene (C...	14.434	7642958	58.170 ug/ml
15) T Chrysene (C27.41)	14.476	7520161	46.511 ug/ml
16) T benzo[b]fluoranthene ...	15.985	7675923	55.787 ug/ml
17) T Bnezo[k]fluoranthene ...	16.017	7993047	50.607 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.359	7376396	54.343 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.729	6733767	61.621 ug/ml
20) T Dibenz[a,h]anthracene...	17.763	7529723	48.535 ug/ml
21) T Benzo[g,h,i]perylene ...	17.980	7291670	50.304 ug/ml

(f)=RT Delta > 1/2 Window

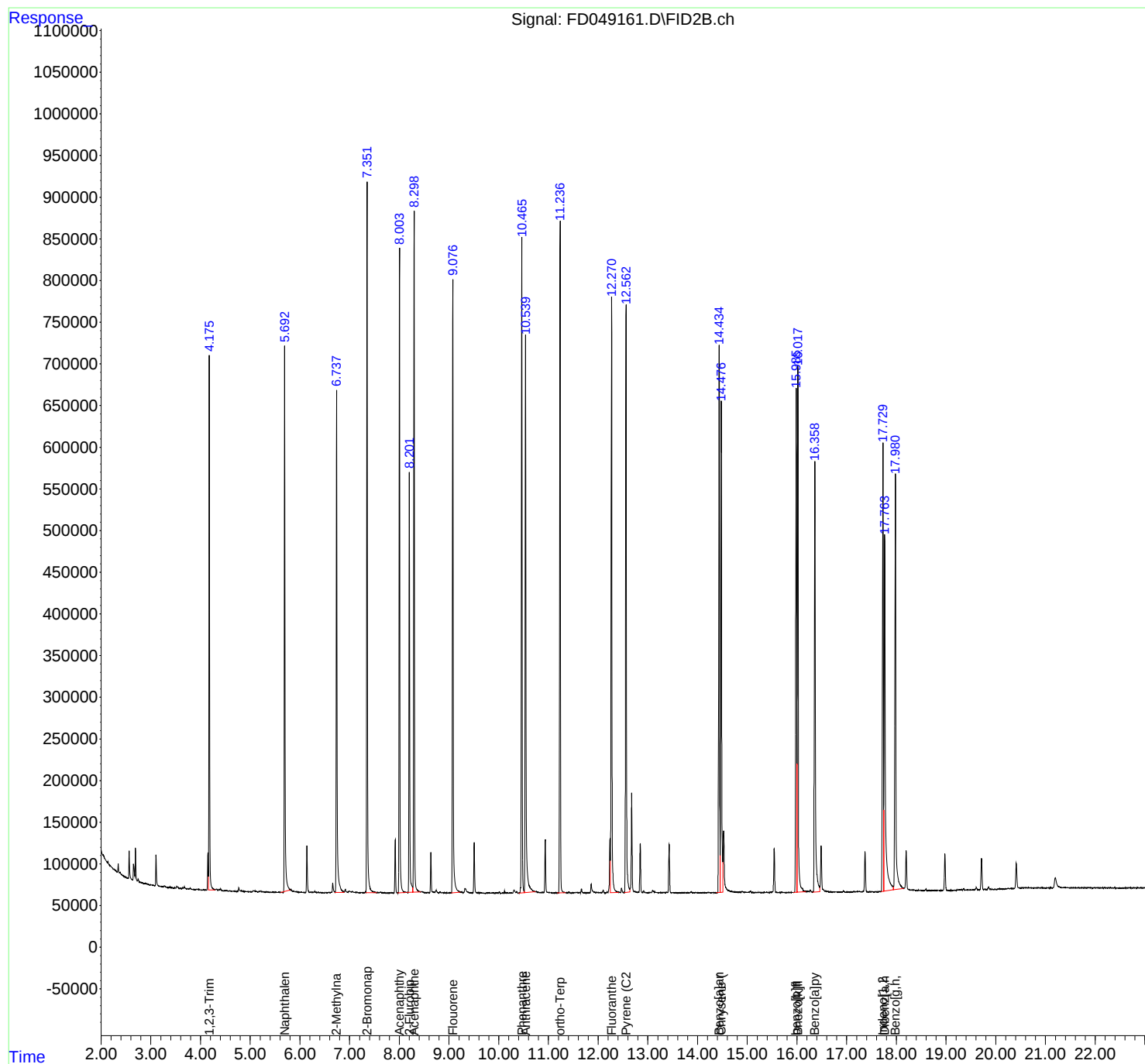
(m)=manual int.

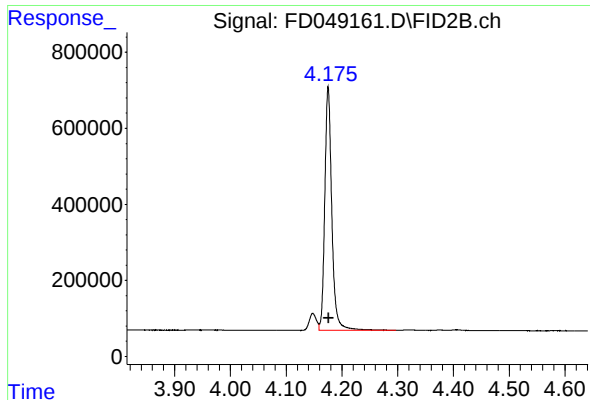
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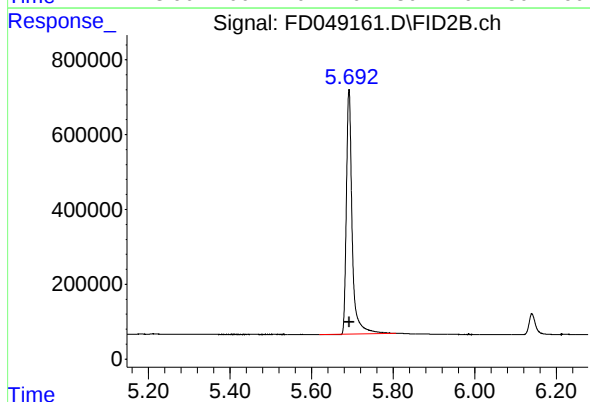




#1 1,2,3-Trimethylbenzene (C10.1)

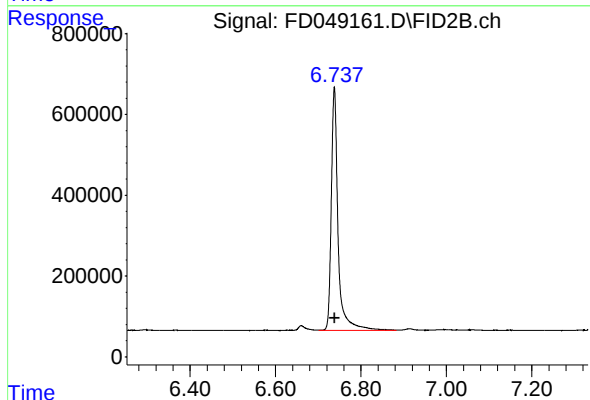
R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 5624480
Conc: 35.32 ug/ml

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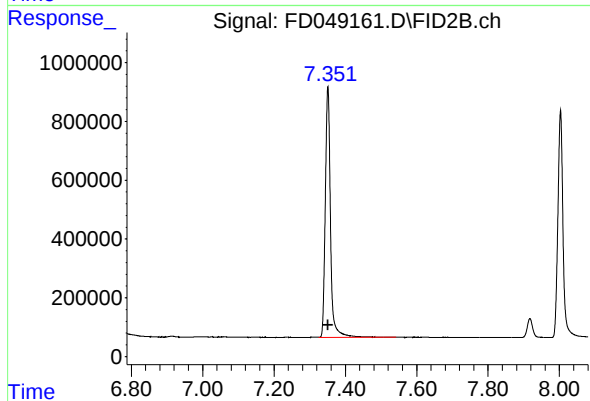
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.001 min
Response: 6447560
Conc: 40.60 ug/ml



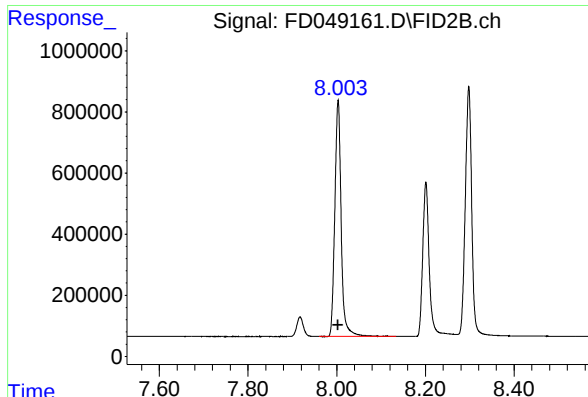
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: -0.001 min
Response: 6620553
Conc: 42.52 ug/ml



#4 2-Bromonaphthalene (SURR)

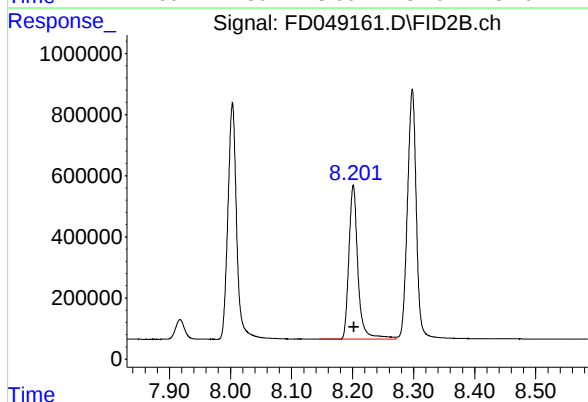
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 8619183
Conc: 60.23 ug/ml



#5 Acenaphthylene (C15.06)

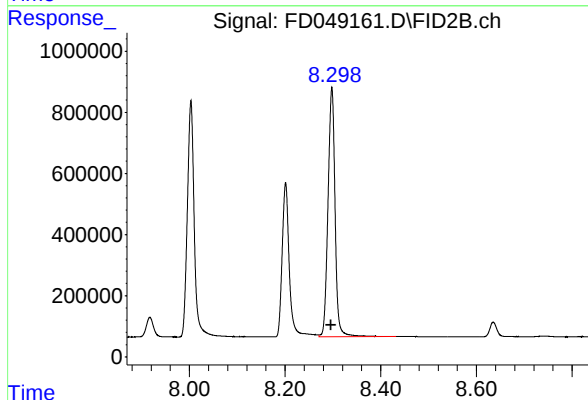
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 7668529
Conc: 47.16 ug/ml

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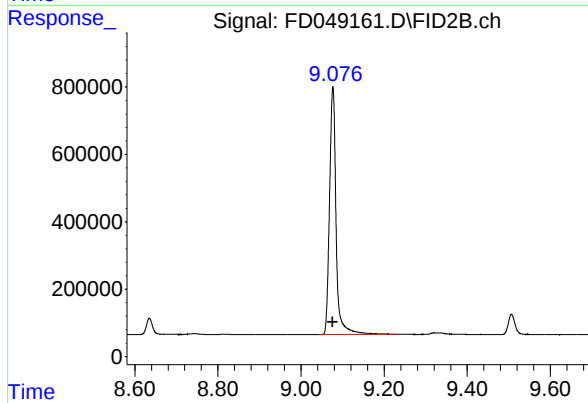
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.201 min
Delta R.T.: -0.001 min
Response: 5168475
Conc: 58.79 ug/ml



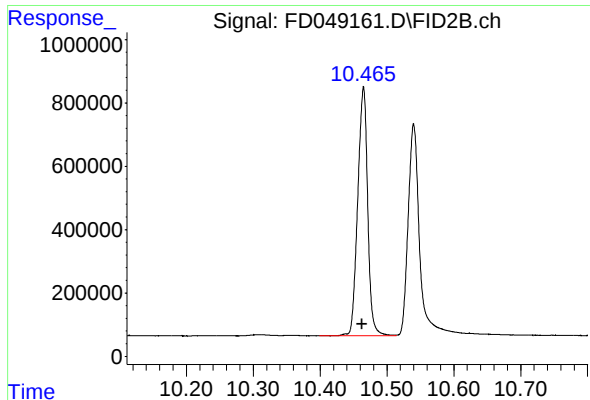
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: 0.002 min
Response: 8295826
Conc: 50.43 ug/ml



#8 Flouorene (C16.55)

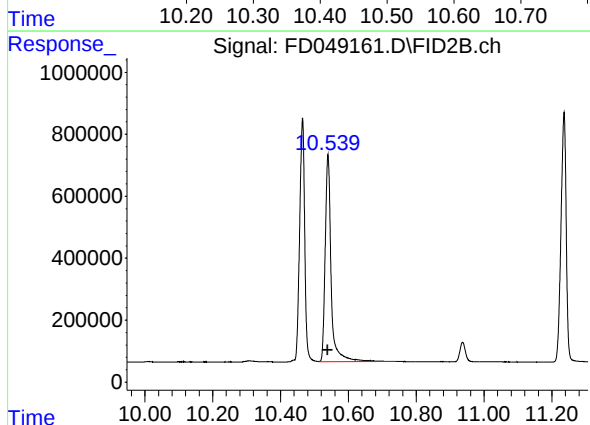
R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 8069862
Conc: 51.19 ug/ml



#9 Phenanthrene (C19.36)

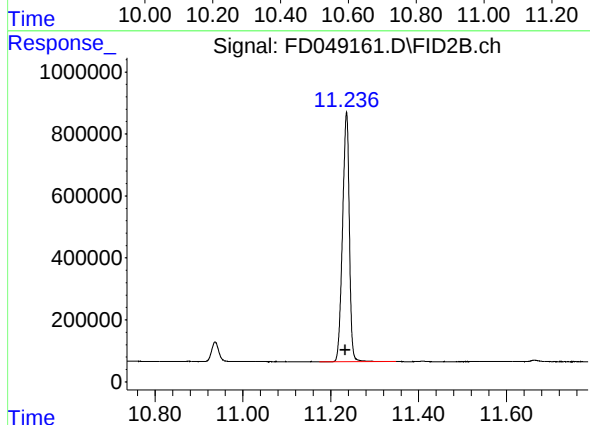
R.T.: 10.465 min
Delta R.T.: 0.002 min
Response: 8131454
Conc: 53.96 ug/ml

Instrument :
FID_D
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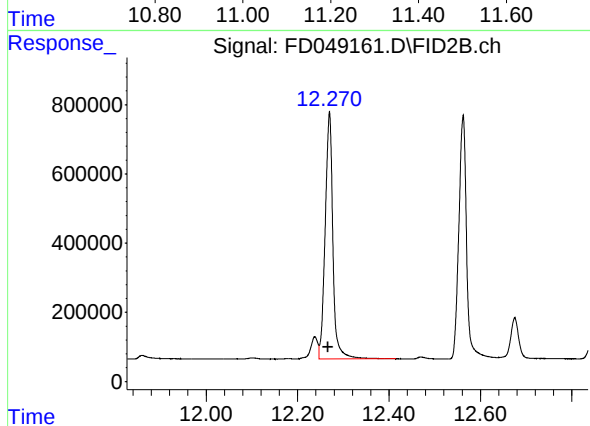
#10 Anthracene (C19.43)

R.T.: 10.540 min
Delta R.T.: 0.000 min
Response: 8198495
Conc: 54.28 ug/ml



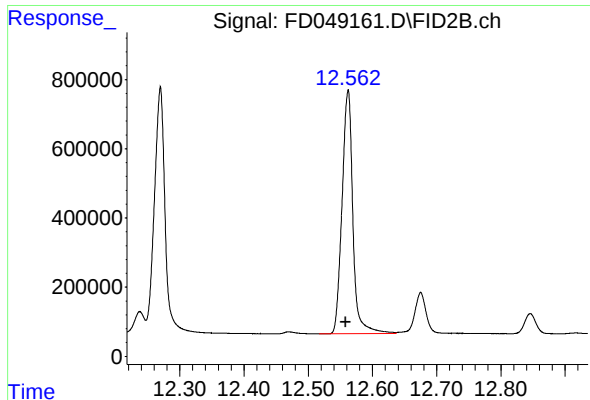
#11 ortho-Terphenyl (SURR)

R.T.: 11.236 min
Delta R.T.: 0.003 min
Response: 8602132
Conc: 53.17 ug/ml



#12 Fluoranthene (C21.85)

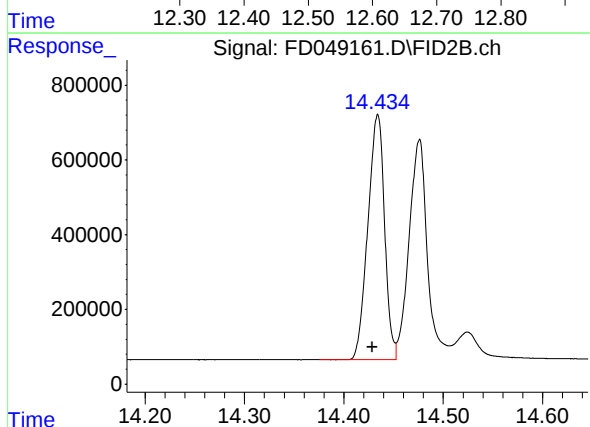
R.T.: 12.270 min
Delta R.T.: 0.003 min
Response: 8348434
Conc: 54.10 ug/ml



#13 Pyrene (C20.8)

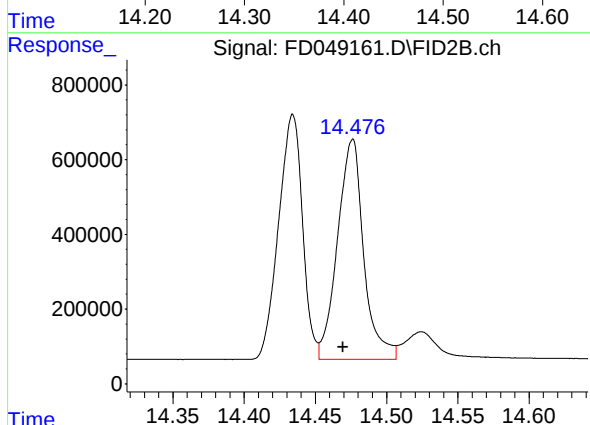
R.T.: 12.562 min
Delta R.T.: 0.004 min
Response: 8266371
Conc: 53.66 ug/ml

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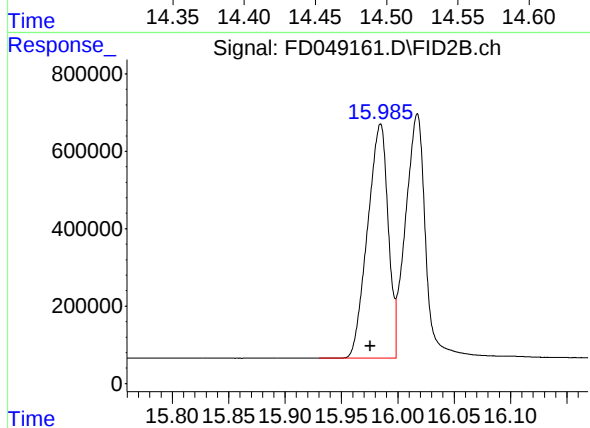
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.434 min
Delta R.T.: 0.006 min
Response: 7642958
Conc: 58.17 ug/ml



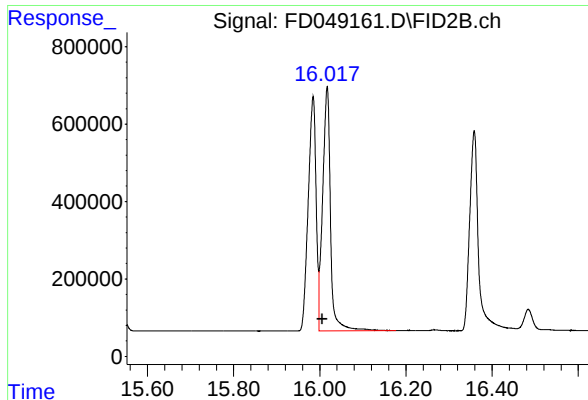
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: 0.007 min
Response: 7520161
Conc: 46.51 ug/ml



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

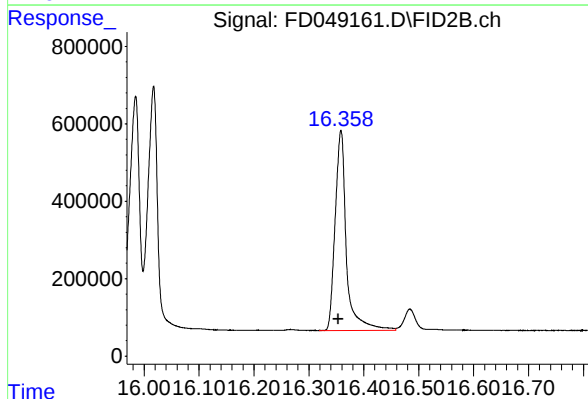
R.T.: 15.985 min
Delta R.T.: 0.009 min
Response: 7675923
Conc: 55.79 ug/ml



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

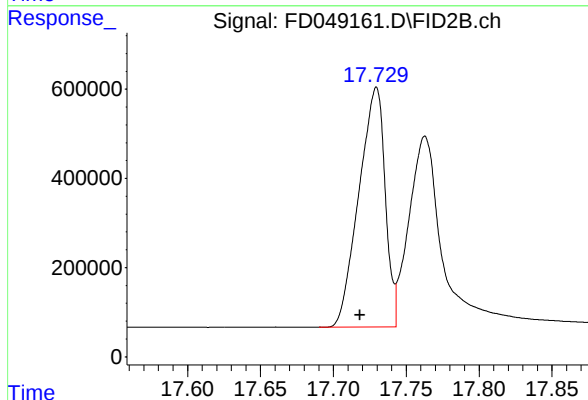
R.T.: 16.017 min
Delta R.T.: 0.011 min
Response: 7993047
Conc: 50.61 ug/ml

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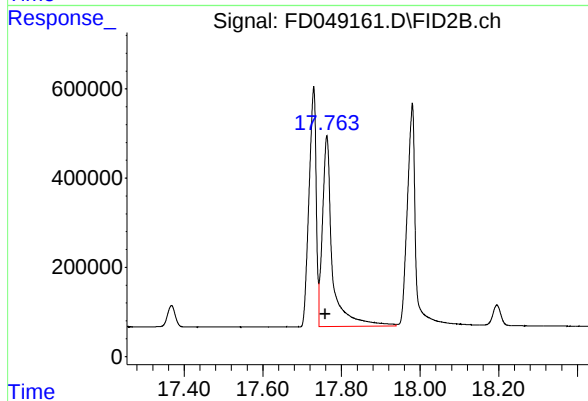
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.359 min
Delta R.T.: 0.005 min
Response: 7376396
Conc: 54.34 ug/ml



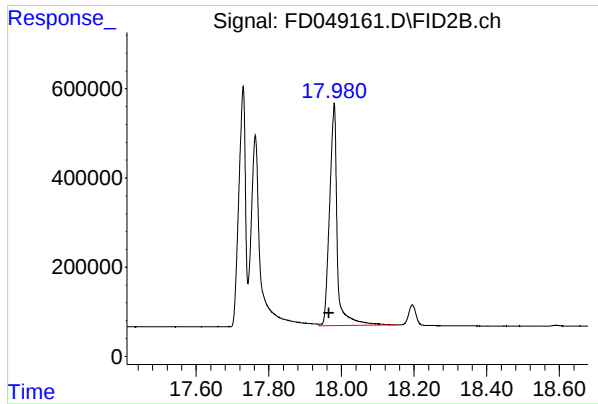
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.729 min
Delta R.T.: 0.011 min
Response: 6733767
Conc: 61.62 ug/ml



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

R.T.: 17.763 min
Delta R.T.: 0.004 min
Response: 7529723
Conc: 48.54 ug/ml



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

R.T.: 17.980 min
Delta R.T.: 0.014 min
Response: 7291670
Conc: 50.30 ug/ml

Instrument :

FID_D

ClientSampleId :

PB166976BSD