

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061225AR\
 Data File : FD049465.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2025 19:18
 Operator : YP/AJ
 Sample : PB168441BSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168441BSD

Integration File: autoint1.e
 Quant Time: Jun 13 04:15:34 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...	7.732	7305844	43.949 ug/ml
Spiked Amount 50.000		Recovery =	87.90%
6) S 2-Fluorobiphenyl (SURR)	8.599	4969389	43.440 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.88%
11) S ortho-Terphenyl (SURR)	11.645	7710884	38.416 ug/ml
Spiked Amount 50.000		Recovery =	76.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.521	3567192	22.420 ug/ml
2) T Naphthalene (C11.7)	6.065	4140623	23.582 ug/ml
3) T 2-Methylnaphthalene (...)	7.120	4141562	23.183 ug/ml
5) T Acenaphthylene (C15.06)	8.400	4701784	24.272 ug/ml
7) T Acenaphthene (C15.5)	8.696	4829280	25.388 ug/ml
8) T Fluorene (C16.55)	9.477	4971711	25.428 ug/ml
9) T Phenanthrene (C19.36)	10.877	5095293	26.798 ug/ml
10) T Anthracene (C19.43)	10.952	5078165	29.048 ug/ml
12) T Fluoranthene (C21.85)	12.692	5205643	28.860 ug/ml
13) T Pyrene (C20.8)	12.990	5290944	29.644 ug/ml
14) T Benzo[a]anthracene (C...	14.862	4879046	32.102 ug/ml
15) T Chrysene (C27.41)	14.906	5650769	37.212 ug/ml
16) T benzo[b]fluoranthene ...	16.414	4696375	32.445 ug/ml
17) T Bnezo[k]fluoranthene ...	16.448	4659173	32.468 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.793	4549657	33.475 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.160	4662337	36.501 ug/ml
20) T Dibenz[a,h]anthracene...	18.198	4335205	32.202 ug/ml
21) T Benzo[g,h,i]perylene ...	18.415	4241614	31.469 ug/ml

(f)=RT Delta > 1/2 Window

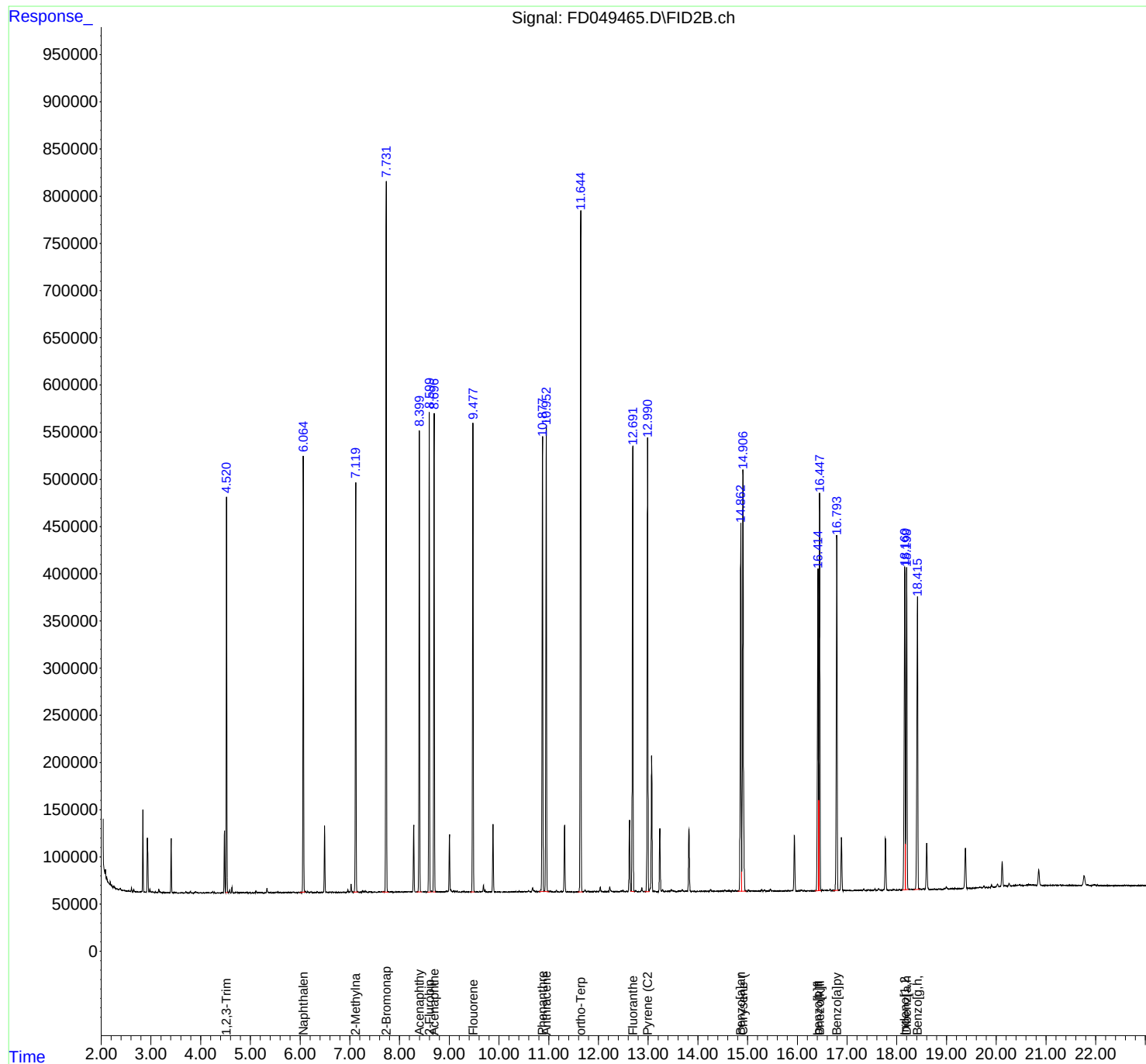
(m)=manual int.

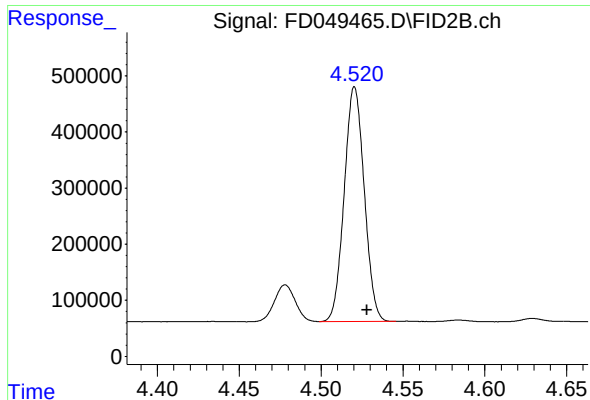
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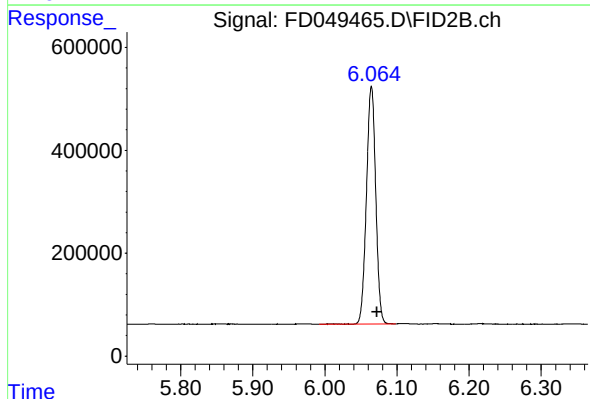




#1 1,2,3-Trimethylbenzene (C10.1)

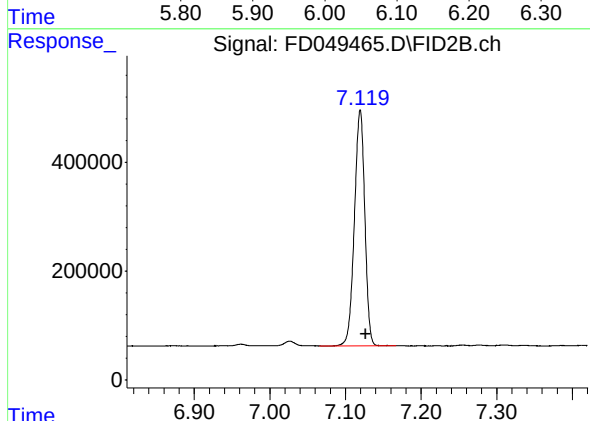
R.T.: 4.521 min
Delta R.T.: -0.007 min
Response: 3567192
Conc: 22.42 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168441BSD



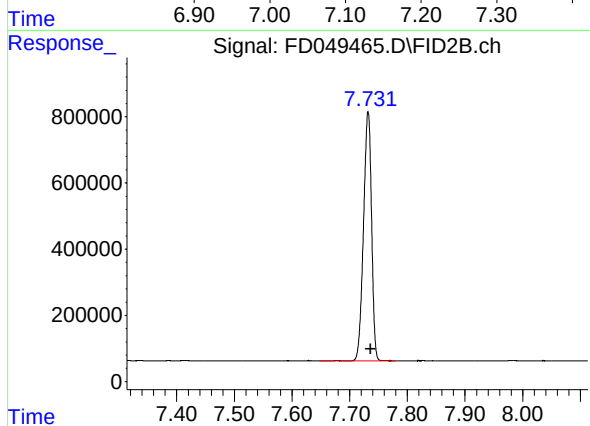
#2 Naphthalene (C11.7)

R.T.: 6.065 min
Delta R.T.: -0.008 min
Response: 4140623
Conc: 23.58 ug/ml



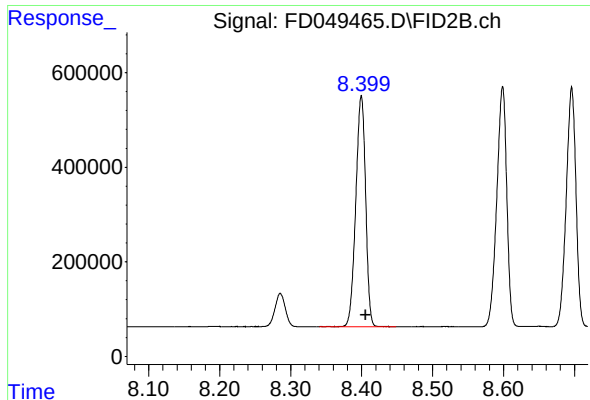
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: -0.007 min
Response: 4141562
Conc: 23.18 ug/ml



#4 2-Bromonaphthalene (SURR)

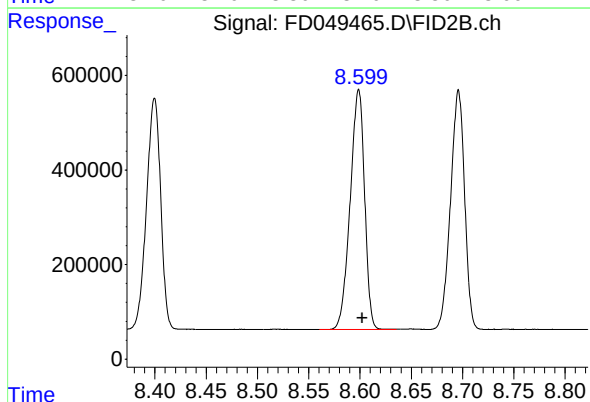
R.T.: 7.732 min
Delta R.T.: -0.004 min
Response: 7305844
Conc: 43.95 ug/ml



#5 Acenaphthylene (C15.06)

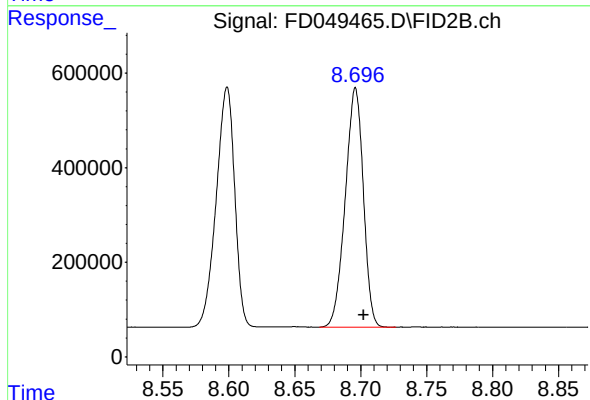
R.T.: 8.400 min
Delta R.T.: -0.006 min
Response: 4701784
Conc: 24.27 ug/ml

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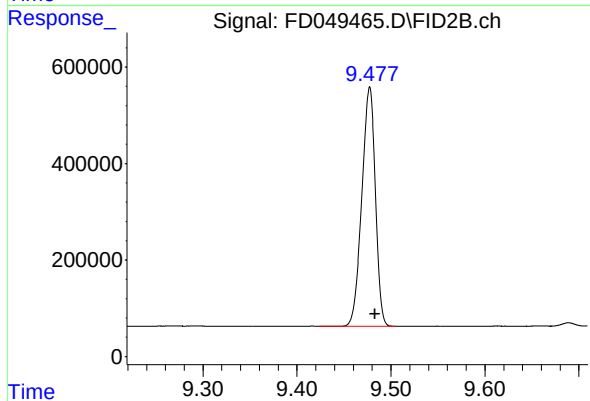
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: -0.004 min
Response: 4969389
Conc: 43.44 ug/ml



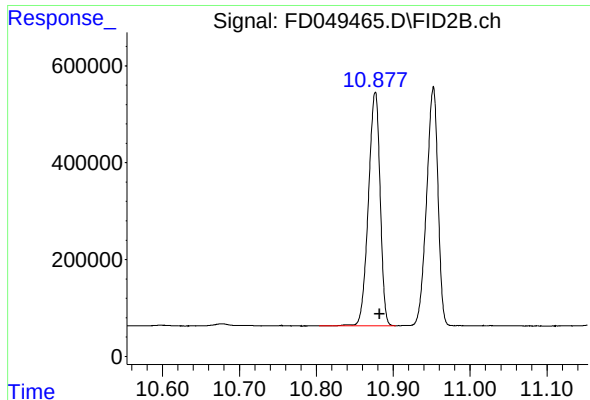
#7 Acenaphthene (C15.5)

R.T.: 8.696 min
Delta R.T.: -0.006 min
Response: 4829280
Conc: 25.39 ug/ml



#8 Flouorene (C16.55)

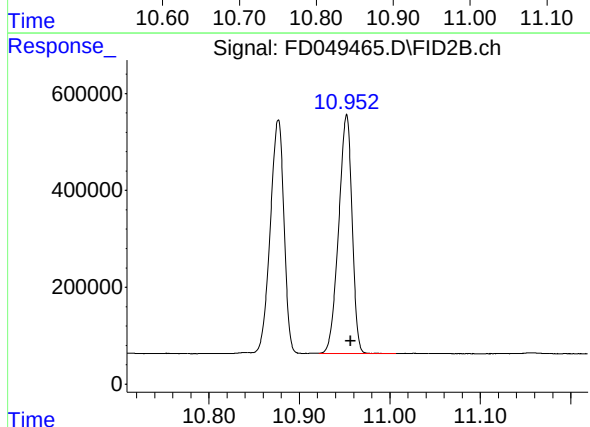
R.T.: 9.477 min
Delta R.T.: -0.006 min
Response: 4971711
Conc: 25.43 ug/ml



#9 Phenanthrene (C19.36)

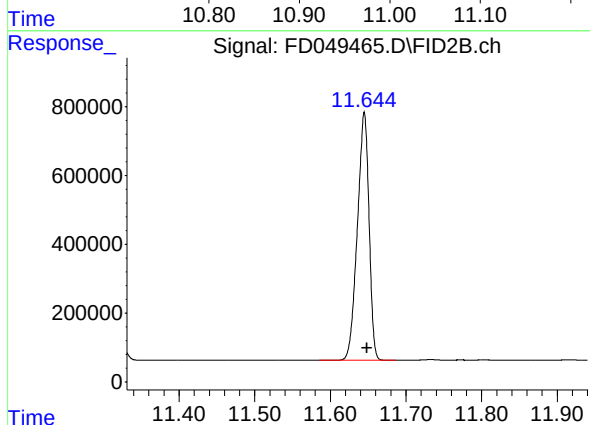
R.T.: 10.877 min
Delta R.T.: -0.006 min
Response: 5095293
Conc: 26.80 ug/ml

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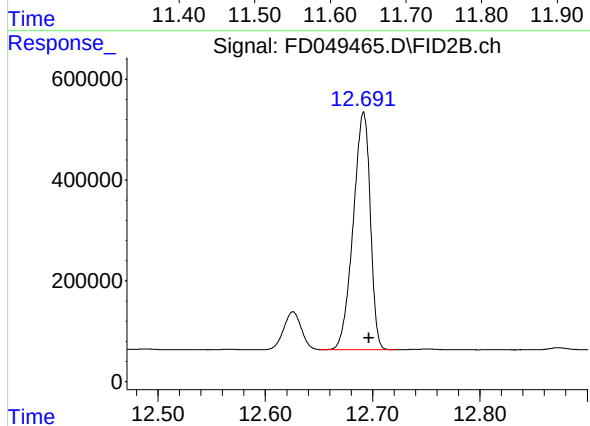
#10 Anthracene (C19.43)

R.T.: 10.952 min
Delta R.T.: -0.005 min
Response: 5078165
Conc: 29.05 ug/ml



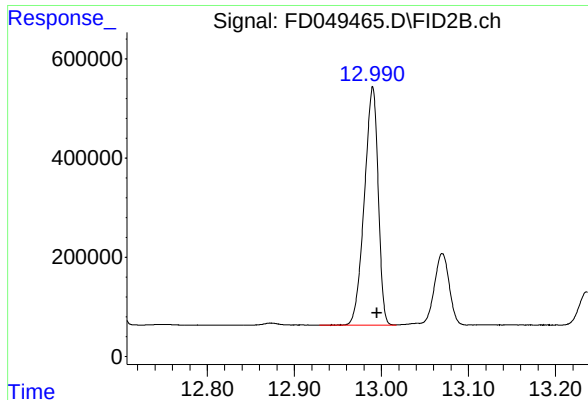
#11 ortho-Terphenyl (SURRE)

R.T.: 11.645 min
Delta R.T.: -0.003 min
Response: 7710884
Conc: 38.42 ug/ml



#12 Fluoranthene (C21.85)

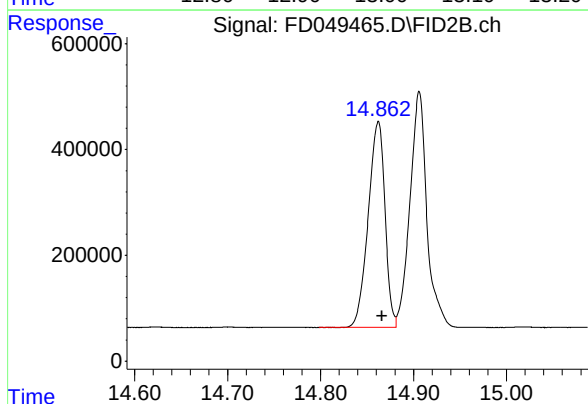
R.T.: 12.692 min
Delta R.T.: -0.005 min
Response: 5205643
Conc: 28.86 ug/ml



#13 Pyrene (C20.8)

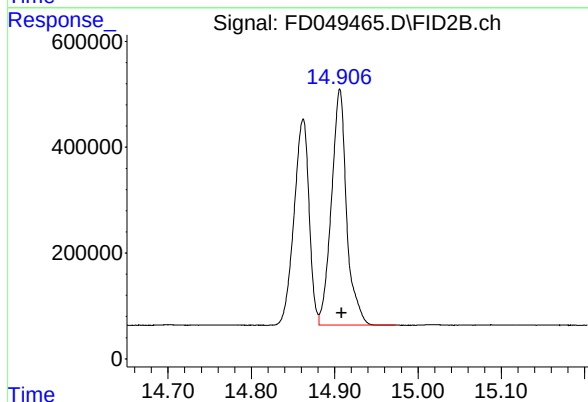
R.T.: 12.990 min
Delta R.T.: -0.005 min
Response: 5290944
Conc: 29.64 ug/ml

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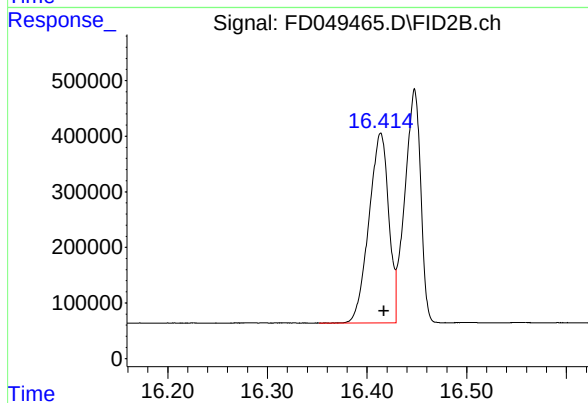
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.862 min
Delta R.T.: -0.004 min
Response: 4879046
Conc: 32.10 ug/ml



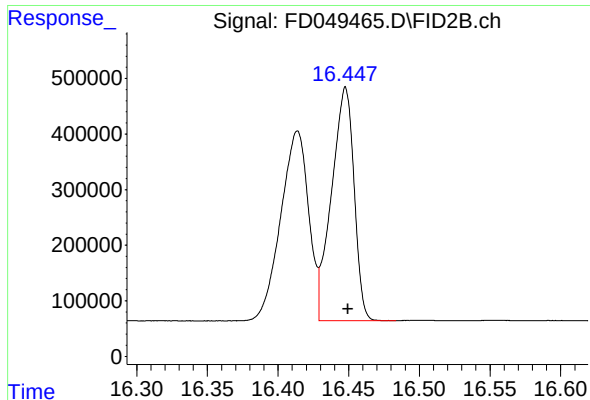
#15 Chrysene (C27.41)

R.T.: 14.906 min
Delta R.T.: -0.002 min
Response: 5650769
Conc: 37.21 ug/ml



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

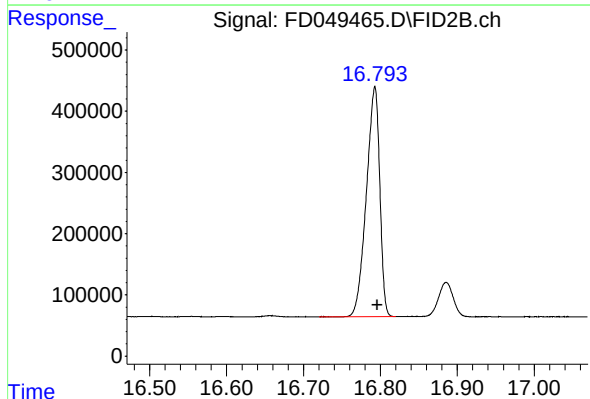
R.T.: 16.414 min
Delta R.T.: -0.003 min
Response: 4696375
Conc: 32.45 ug/ml



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

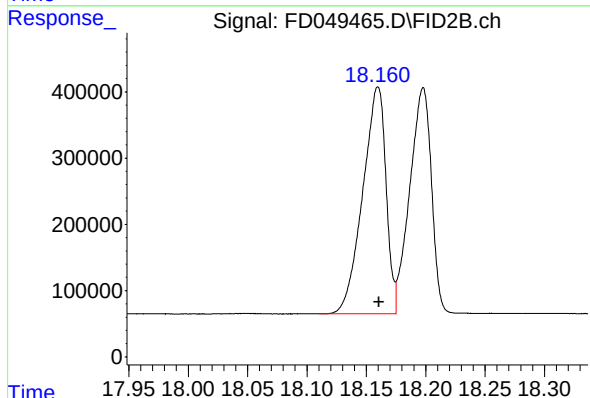
R.T.: 16.448 min
Delta R.T.: -0.002 min
Response: 4659173
Conc: 32.47 ug/ml

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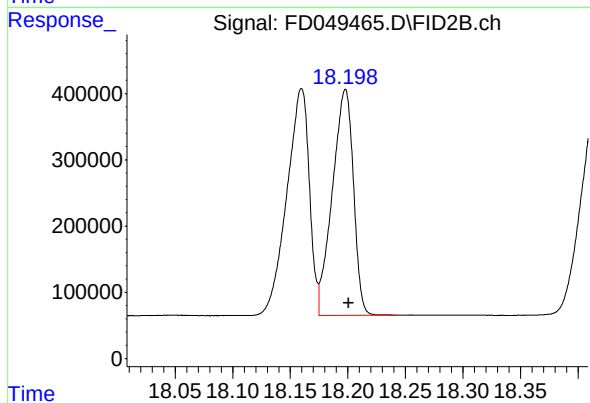
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.793 min
Delta R.T.: -0.003 min
Response: 4549657
Conc: 33.47 ug/ml



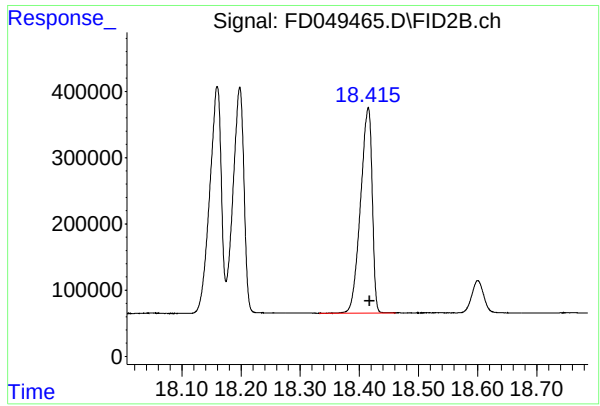
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.160 min
Delta R.T.: -0.001 min
Response: 4662337
Conc: 36.50 ug/ml



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

R.T.: 18.198 min
Delta R.T.: -0.003 min
Response: 4335205
Conc: 32.20 ug/ml



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

R.T.: 18.415 min
Delta R.T.: -0.002 min
Response: 4241614
Conc: 31.47 ug/ml

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