

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012825AR\
 Data File : FD048969.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jan 2025 16:55
 Operator : YP/AJ
 Sample : PB166219BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB166219BSD

Integration File: autoint1.e
 Quant Time: Jan 29 02:11:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 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...	7.358	8254516	57.999 ug/ml
Spiked Amount 50.000		Recovery =	116.00%
6) S 2-Fluorobiphenyl (SURR)	8.209	5291934	62.194 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	124.39%
11) S ortho-Terphenyl (SURR)	11.244	8077333	49.117 ug/ml
Spiked Amount 50.000		Recovery =	98.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.181	7159022	46.443 ug/ml
2) T Naphthalene (C11.7)	5.698	7983666	51.074 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	7913402	51.011 ug/ml
5) T Acenaphthylene (C15.06)	8.011	9166688	56.051 ug/ml
7) T Acenaphthene (C15.5)	8.307	9840886	58.590 ug/ml
8) T Fluorene (C16.55)	9.086	9927555	63.463 ug/ml
9) T Phenanthrene (C19.36)	10.474	10148967	66.637 ug/ml
10) T Anthracene (C19.43)	10.549	10277016	67.467 ug/ml
12) T Fluoranthene (C21.85)	12.280	10443614	66.395 ug/ml
13) T Pyrene (C20.8)	12.573	10324628	65.539 ug/ml
14) T Benzo[a]anthracene (C...	14.445	9850405	76.550 ug/ml
15) T Chrysene (C27.41)	14.488	9711801	57.433 ug/ml
16) T benzo[b]fluoranthene ...	15.995	9751561	71.371 ug/ml
17) T Bnezo[k]fluoranthene ...	16.029	9952112	61.449 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	9383696	67.422 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.740	9238678	88.585 ug/ml
20) T Dibenz[a,h]anthracene...	17.775	9123557	63.910 ug/ml
21) T Benzo[g,h,i]perylene ...	17.992	9201366	64.508 ug/ml

(f)=RT Delta > 1/2 Window

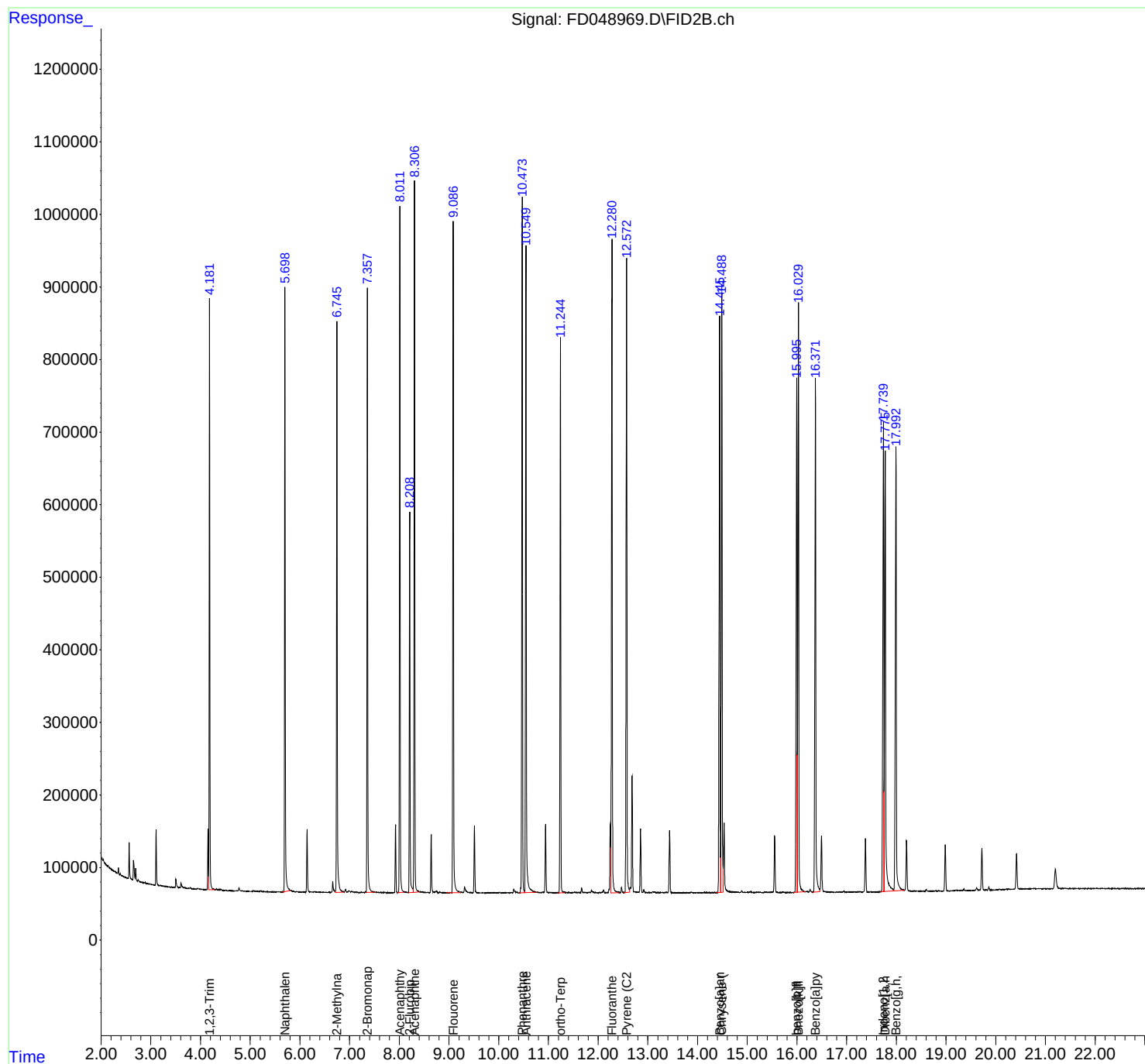
(m)=manual int.

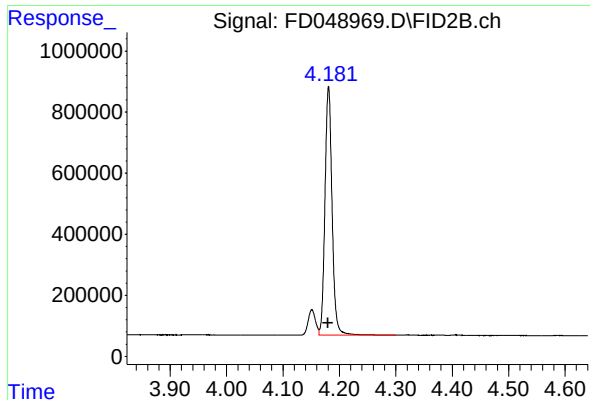
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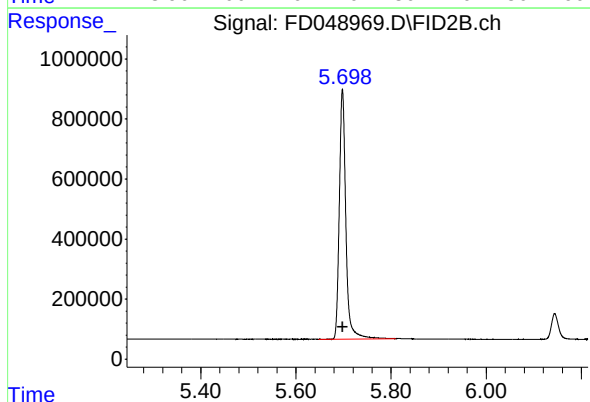




#1 1,2,3-Trimethylbenzene (C10.1)

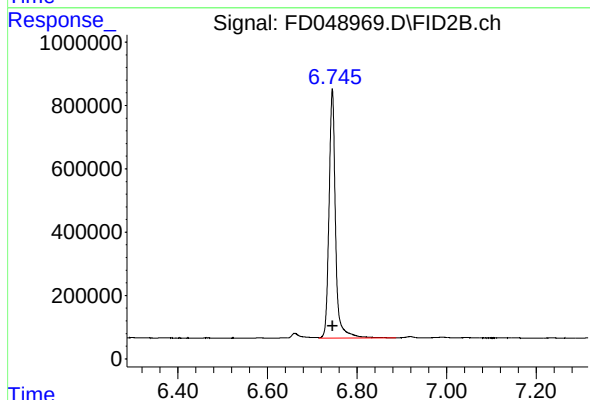
R.T.: 4.181 min
Delta R.T.: 0.000 min
Response: 7159022
Conc: 46.44 ug/ml

Instrument :
FID_D
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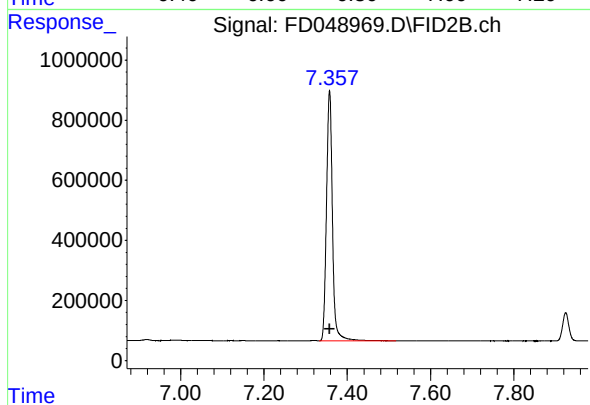
#2 Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 7983666
Conc: 51.07 ug/ml



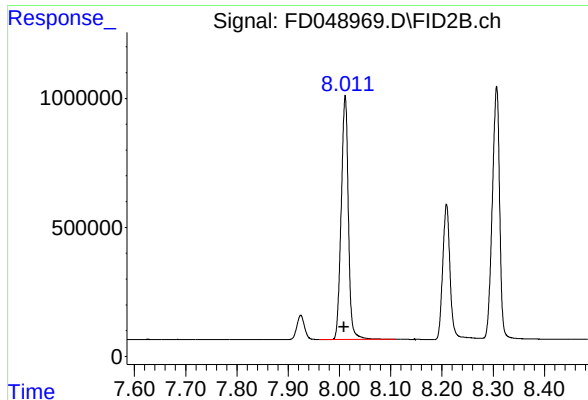
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 7913402
Conc: 51.01 ug/ml



#4 2-Bromonaphthalene (SURR)

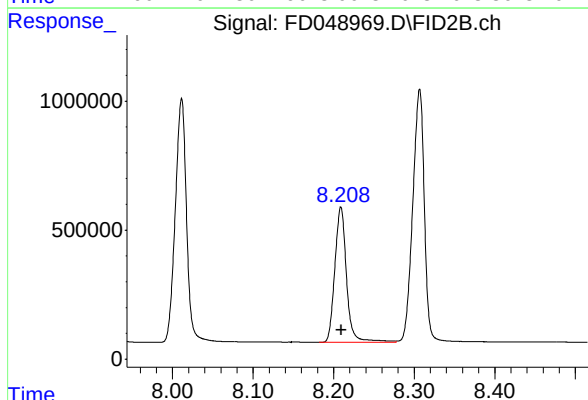
R.T.: 7.358 min
Delta R.T.: 0.000 min
Response: 8254516
Conc: 58.00 ug/ml



#5 Acenaphthylene (C15.06)

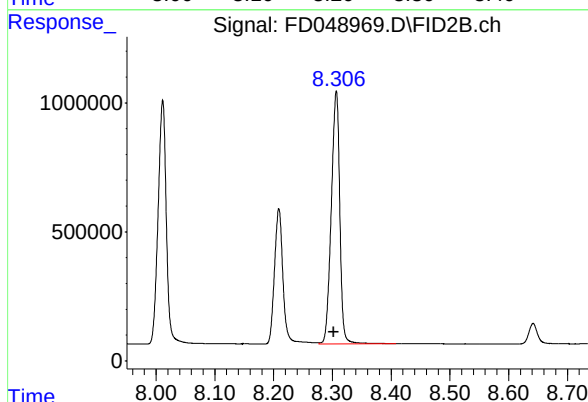
R.T.: 8.011 min
Delta R.T.: 0.002 min
Response: 9166688
Conc: 56.05 ug/ml

Instrument :
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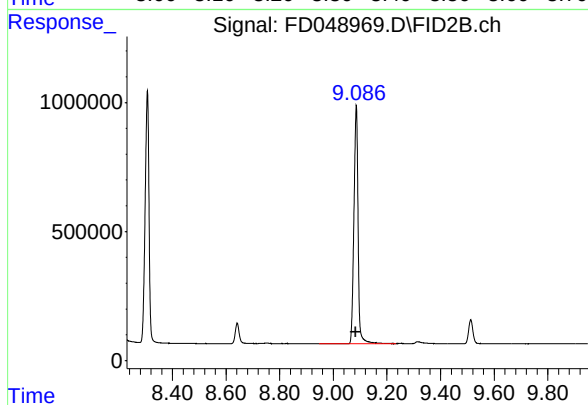
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 5291934
Conc: 62.19 ug/ml



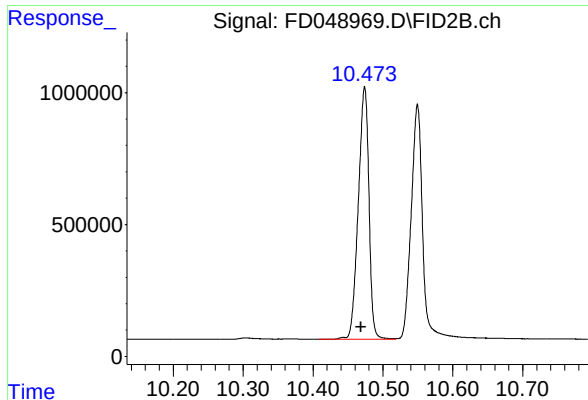
#7 Acenaphthene (C15.5)

R.T.: 8.307 min
Delta R.T.: 0.004 min
Response: 9840886
Conc: 58.59 ug/ml



#8 Flouorene (C16.55)

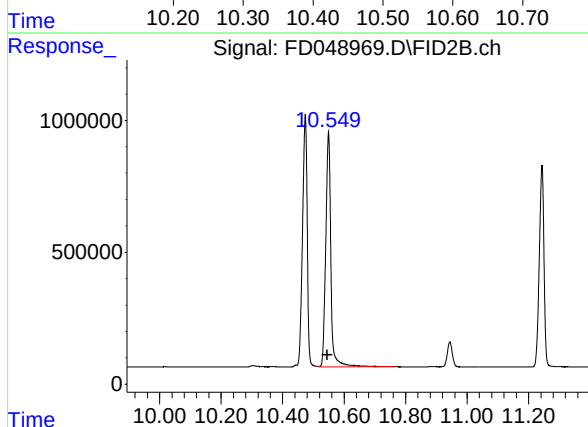
R.T.: 9.086 min
Delta R.T.: 0.003 min
Response: 9927555
Conc: 63.46 ug/ml



#9 Phenanthrene (C19.36)

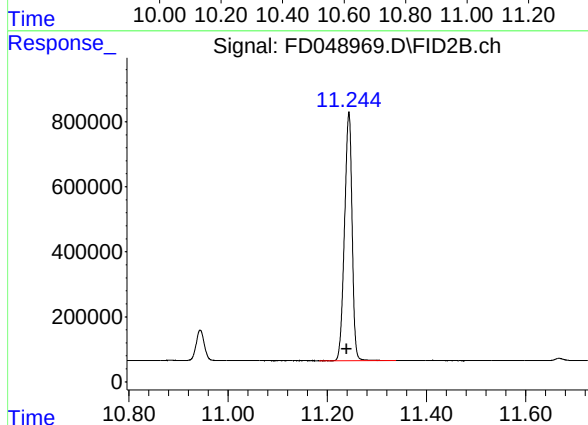
R.T.: 10.474 min
Delta R.T.: 0.005 min
Response: 10148967
Conc: 66.64 ug/ml

Instrument :
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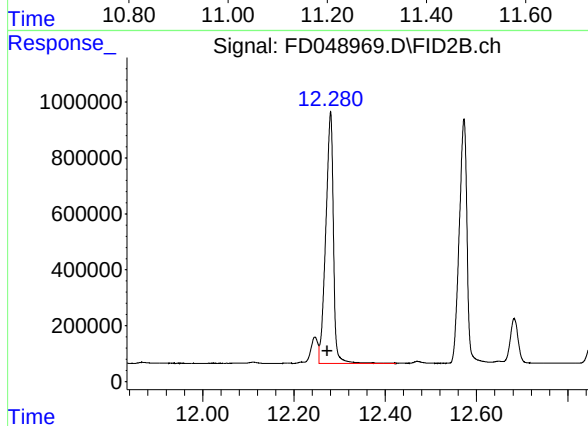
#10 Anthracene (C19.43)

R.T.: 10.549 min
Delta R.T.: 0.003 min
Response: 10277016
Conc: 67.47 ug/ml



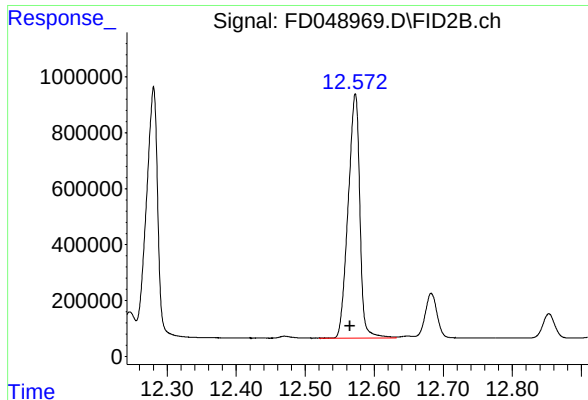
#11 ortho-Terphenyl (SURRE)

R.T.: 11.244 min
Delta R.T.: 0.005 min
Response: 8077333
Conc: 49.12 ug/ml



#12 Fluoranthene (C21.85)

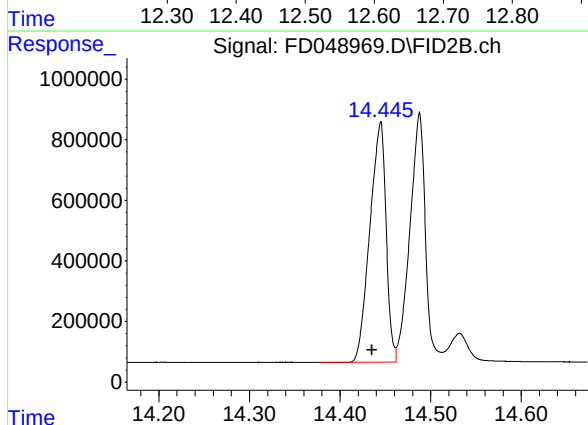
R.T.: 12.280 min
Delta R.T.: 0.007 min
Response: 10443614
Conc: 66.40 ug/ml



#13 Pyrene (C20.8)

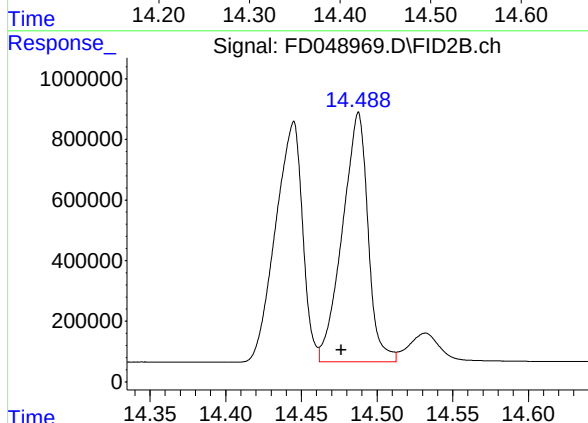
R.T.: 12.573 min
Delta R.T.: 0.007 min
Response: 10324628
Conc: 65.54 ug/ml

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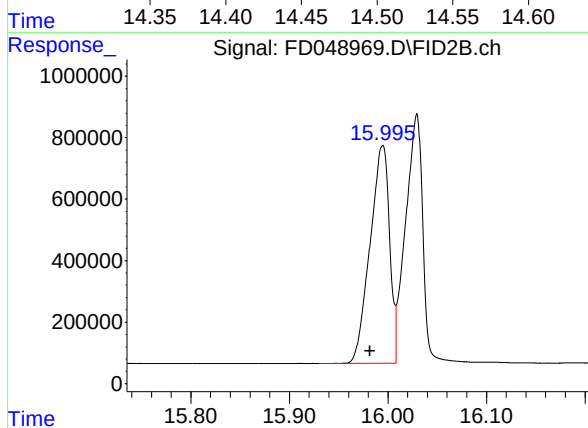
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: 0.010 min
Response: 9850405
Conc: 76.55 ug/ml



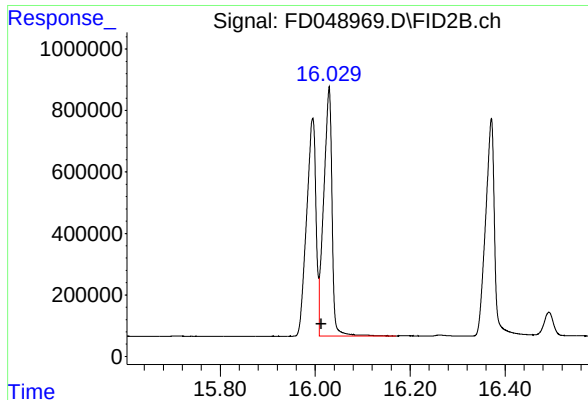
#15 Chrysene (C27.41)

R.T.: 14.488 min
Delta R.T.: 0.011 min
Response: 9711801
Conc: 57.43 ug/ml



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

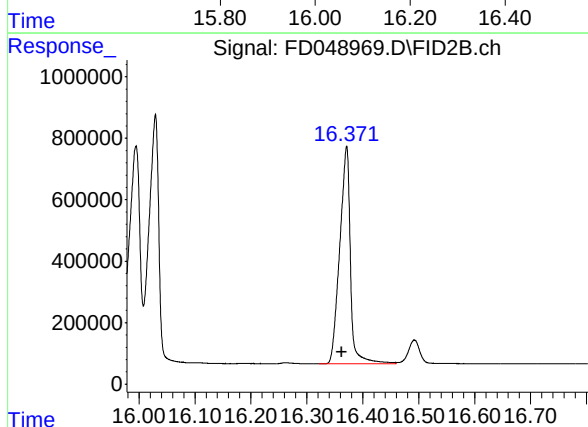
R.T.: 15.995 min
Delta R.T.: 0.013 min
Response: 9751561
Conc: 71.37 ug/ml



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

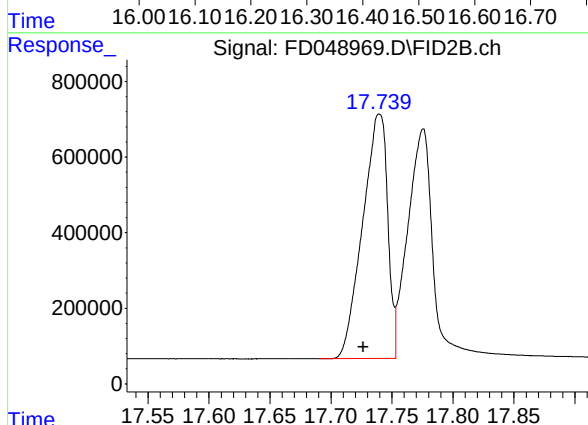
R.T.: 16.029 min
Delta R.T.: 0.016 min
Response: 9952112
Conc: 61.45 ug/ml

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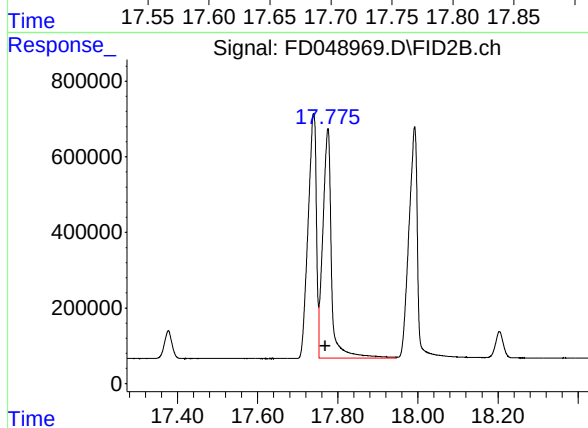
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: 0.009 min
Response: 9383696
Conc: 67.42 ug/ml



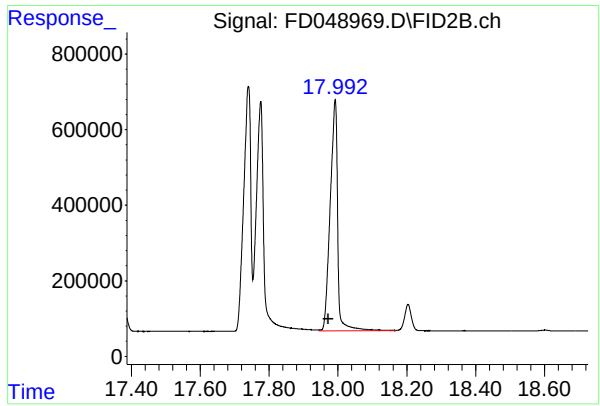
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.740 min
Delta R.T.: 0.013 min
Response: 9238678
Conc: 88.59 ug/ml



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

R.T.: 17.775 min
Delta R.T.: 0.006 min
Response: 9123557
Conc: 63.91 ug/ml



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

R.T.: 17.992 min
Delta R.T.: 0.019 min
Response: 9201366
Conc: 64.51 ug/ml

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