

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071524AR\
 Data File : FD047997.D
 Signal(s) : FID2B.ch
 Acq On : 15 Jul 2024 11:59
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jul 15 12:39:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 12:29:11 2024
 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...	7.411	1596227	10.740 ug/ml
Spiked Amount 50.000		Recovery =	21.48%
6) S 2-Fluorobiphenyl (SURR)	8.263	1001034	10.340 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.68%
11) S ortho-Terphenyl (SURR)	11.297	1791083	10.707 ug/ml
Spiked Amount 50.000		Recovery =	21.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.230	1787015	10.707 ug/ml
2) T Naphthalene (C11.7)	5.751	1837129	10.560 ug/ml
3) T 2-Methylnaphthalene (...)	6.798	1852843	10.643 ug/ml
5) T Acenaphthylene (C15.06)	8.064	1843267	10.751 ug/ml
7) T Acenaphthene (C15.5)	8.358	1864665	10.800 ug/ml
8) T Flouorene (C16.55)	9.138	1716849	10.459 ug/ml
9) T Phenanthrene (C19.36)	10.525	1670269	10.373 ug/ml
10) T Anthracene (C19.43)	10.601	1688810	10.588 ug/ml
12) T Fluoranthene (C21.85)	12.330	1694260	10.544 ug/ml
13) T Pyrene (C20.8)	12.623	1650933	10.408 ug/ml
14) T Benzo[a]anthracene (C...	14.492	1415880	9.875 ug/ml
15) T Chrysene (C27.41)	14.532	1763372	11.105 ug/ml
16) T benzo[b]fluoranthene ...	16.036	1511971	10.166 ug/ml
17) T Bnezo[k]fluoranthene ...	16.068	1608334	10.970 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.417	1487369	10.214 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.780	1082702	9.028 ug/ml
20) T Dibenz[a,h]anthracene...	17.825	1612975	11.179 ug/ml
21) T Benzo[g,h,i]perylene ...	18.027	1591555	10.779 ug/ml

(f)=RT Delta > 1/2 Window

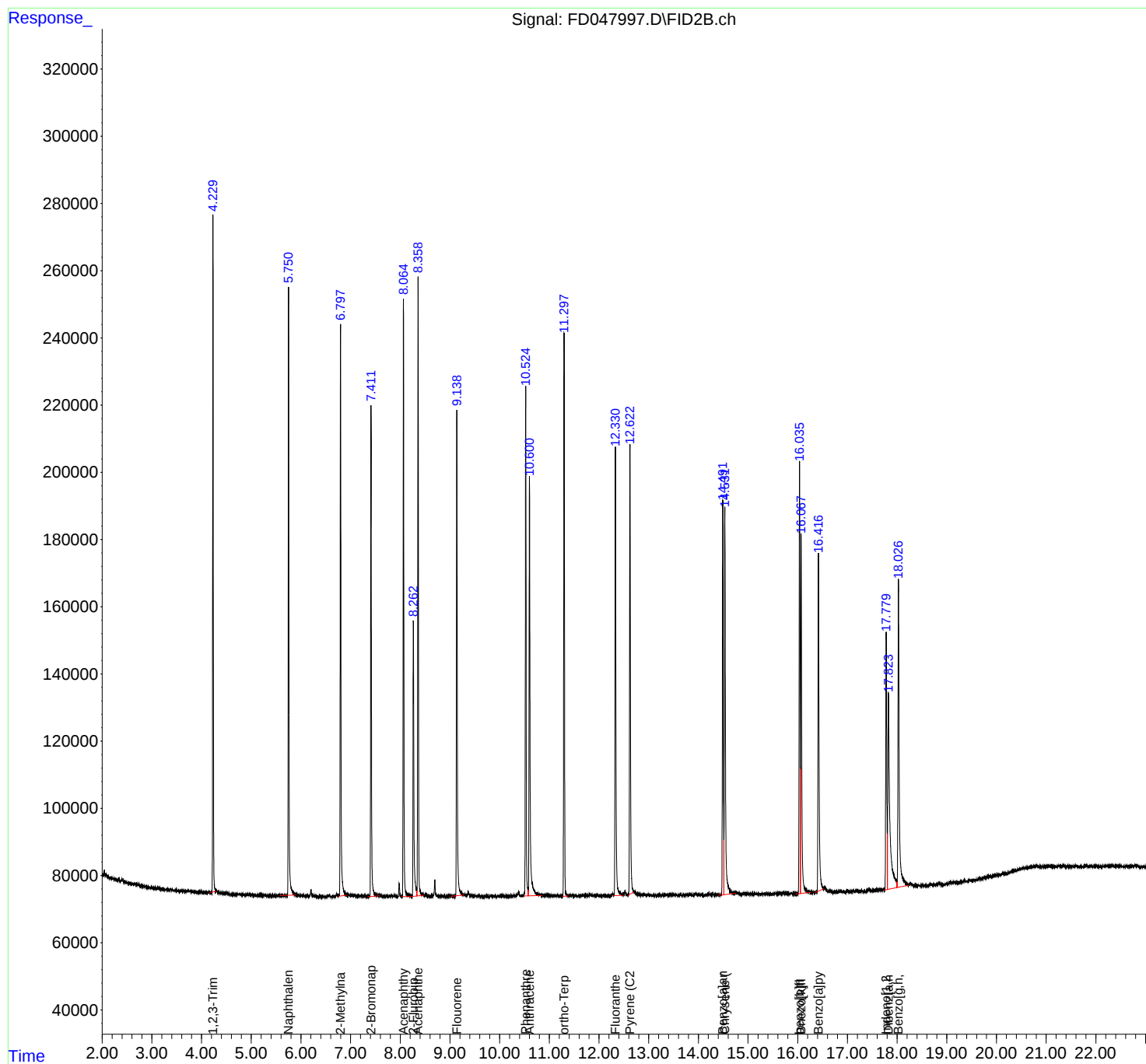
(m)=manual int.

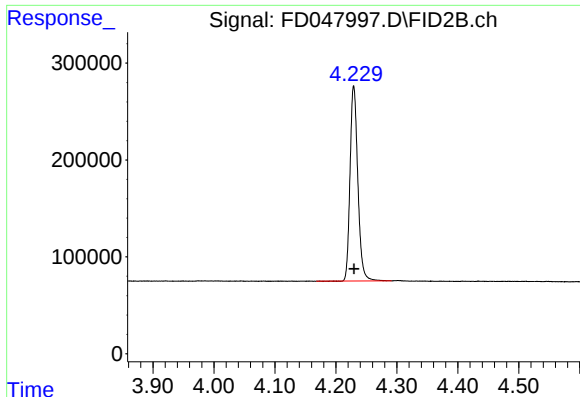
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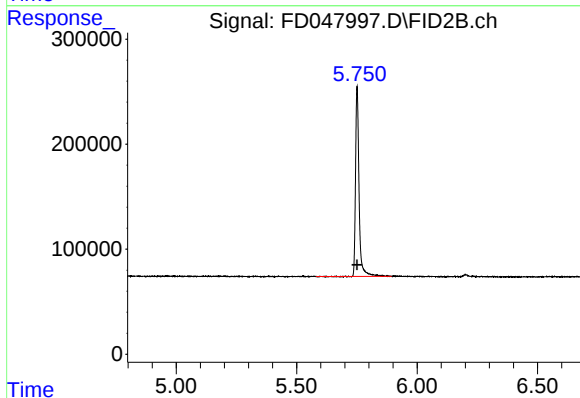




#1 1,2,3-Trimethylbenzene (C10.1)

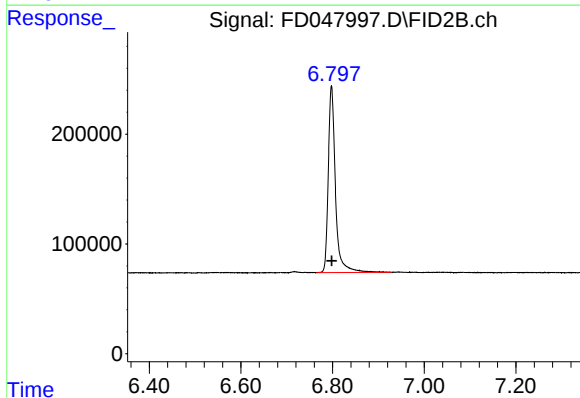
R.T.: 4.230 min
Delta R.T.: 0.000 min
Response: 1787015
Conc: 10.71 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



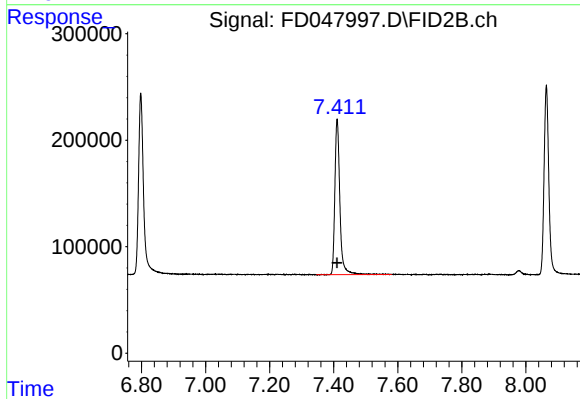
#2 Naphthalene (C11.7)

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 1837129
Conc: 10.56 ug/ml



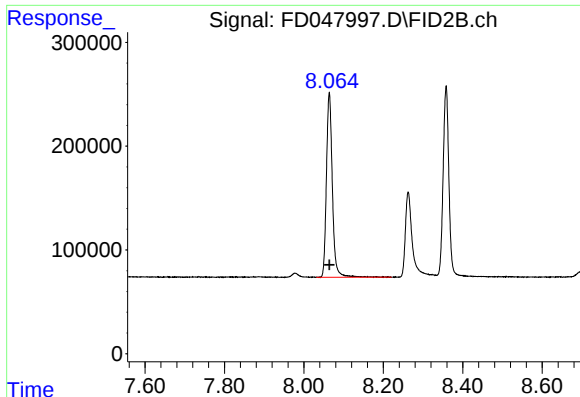
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 1852843
Conc: 10.64 ug/ml



#4 2-Bromonaphthalene (SURR)

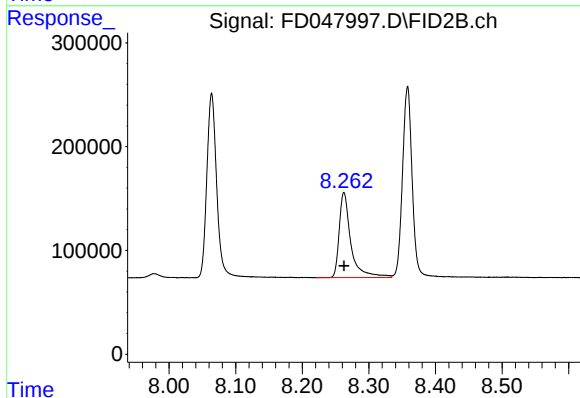
R.T.: 7.411 min
Delta R.T.: 0.000 min
Response: 1596227
Conc: 10.74 ug/ml



#5 Acenaphthylene (C15.06)

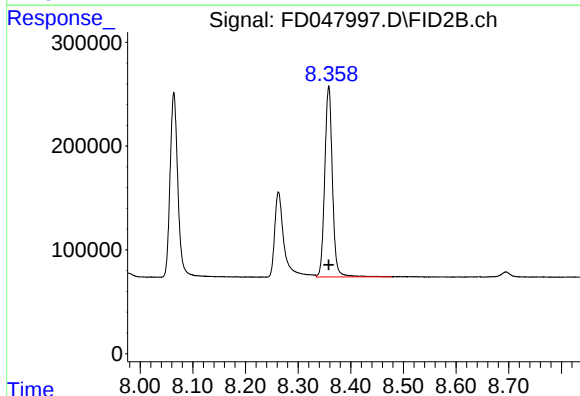
R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 1843267
Conc: 10.75 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



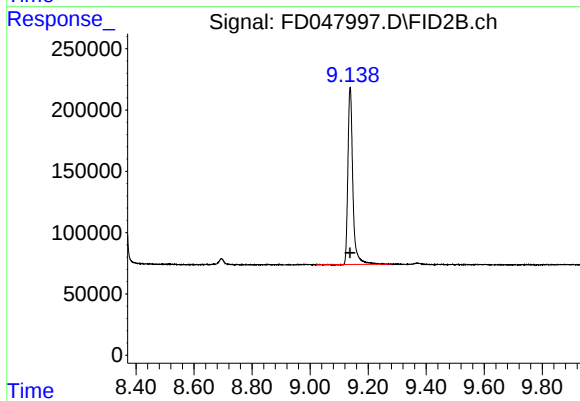
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.263 min
Delta R.T.: 0.000 min
Response: 1001034
Conc: 10.34 ug/ml



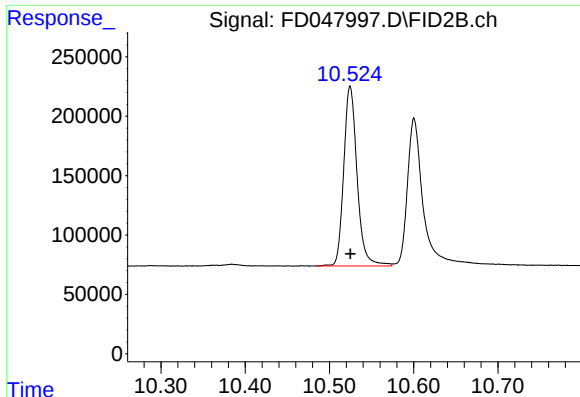
#7 Acenaphthene (C15.5)

R.T.: 8.358 min
Delta R.T.: 0.000 min
Response: 1864665
Conc: 10.80 ug/ml



#8 Fluorene (C16.55)

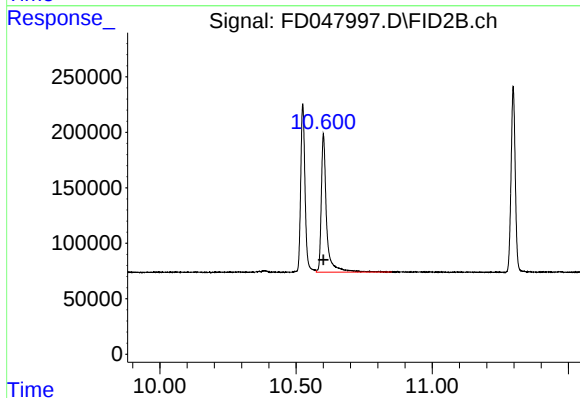
R.T.: 9.138 min
Delta R.T.: 0.000 min
Response: 1716849
Conc: 10.46 ug/ml



#9 Phenanthrene (C19.36)

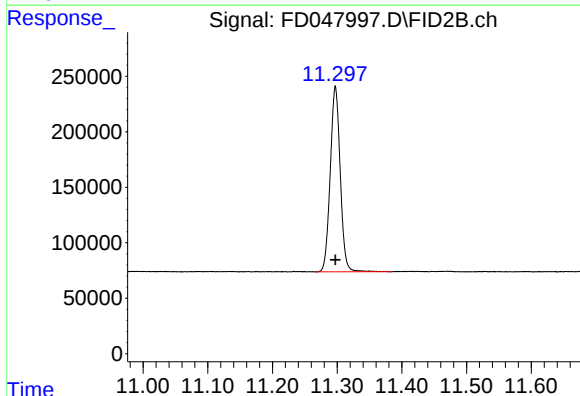
R.T.: 10.525 min
Delta R.T.: 0.000 min
Response: 1670269
Conc: 10.37 ug/ml

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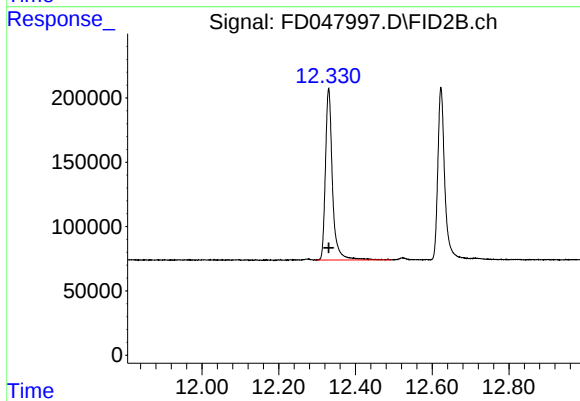
#10 Anthracene (C19.43)

R.T.: 10.601 min
Delta R.T.: 0.000 min
Response: 1688810
Conc: 10.59 ug/ml



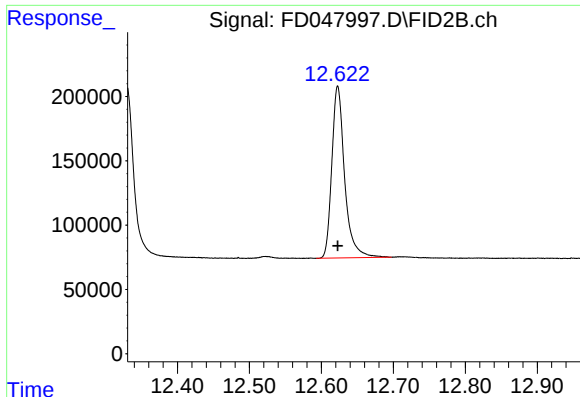
#11 ortho-Terphenyl (SURR)

R.T.: 11.297 min
Delta R.T.: 0.000 min
Response: 1791083
Conc: 10.71 ug/ml



#12 Fluoranthene (C21.85)

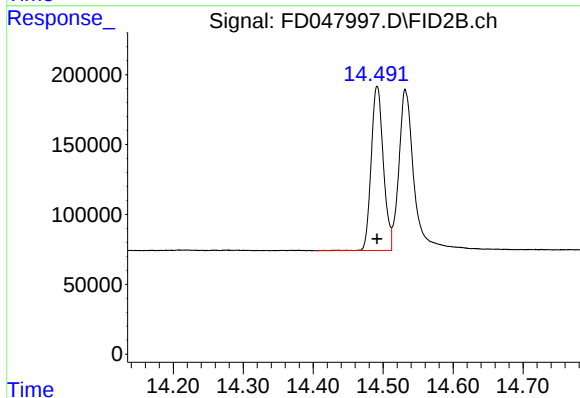
R.T.: 12.330 min
Delta R.T.: 0.000 min
Response: 1694260
Conc: 10.54 ug/ml



#13 Pyrene (C20.8)

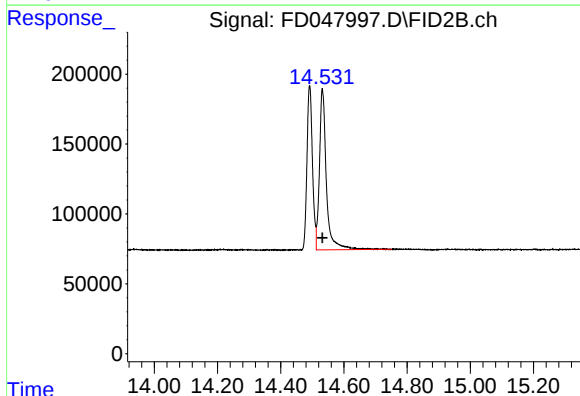
R.T.: 12.623 min
Delta R.T.: 0.000 min
Response: 1650933
Conc: 10.41 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



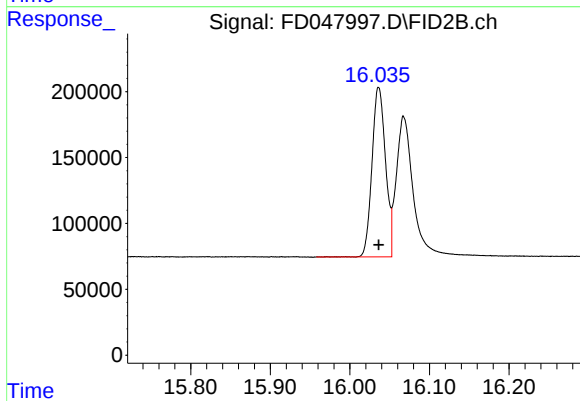
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.492 min
Delta R.T.: 0.000 min
Response: 1415880
Conc: 9.88 ug/ml



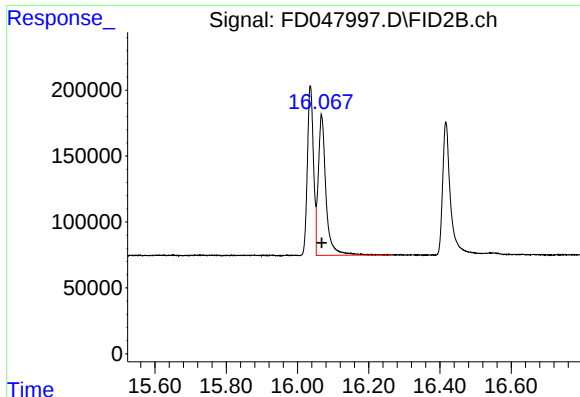
#15 Chrysene (C27.41)

R.T.: 14.532 min
Delta R.T.: 0.000 min
Response: 1763372
Conc: 11.11 ug/ml



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

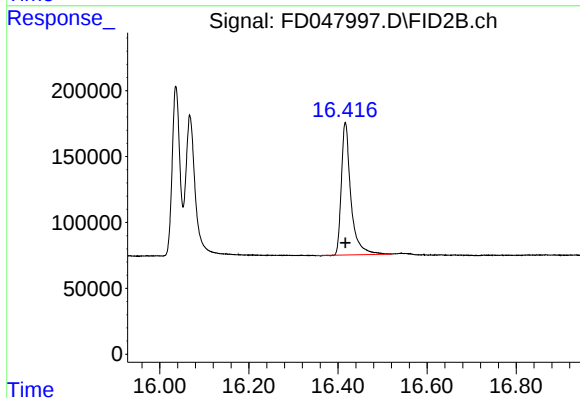
R.T.: 16.036 min
Delta R.T.: 0.000 min
Response: 1511971
Conc: 10.17 ug/ml



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

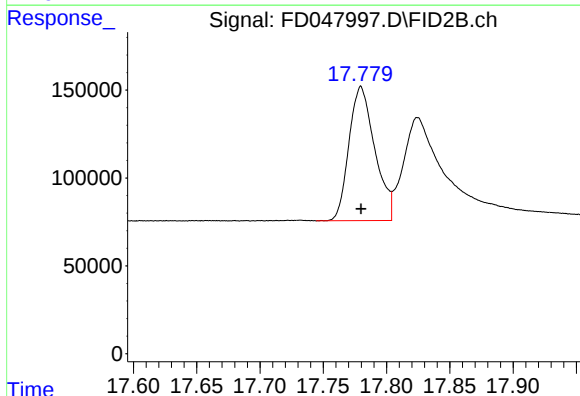
R.T.: 16.068 min
Delta R.T.: 0.000 min
Response: 1608334
Conc: 10.97 ug/ml

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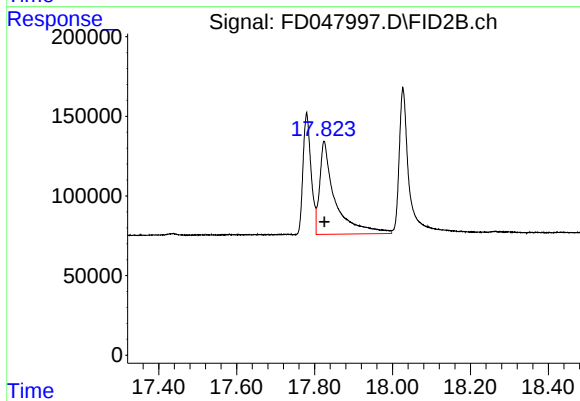
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.417 min
Delta R.T.: 0.000 min
Response: 1487369
Conc: 10.21 ug/ml



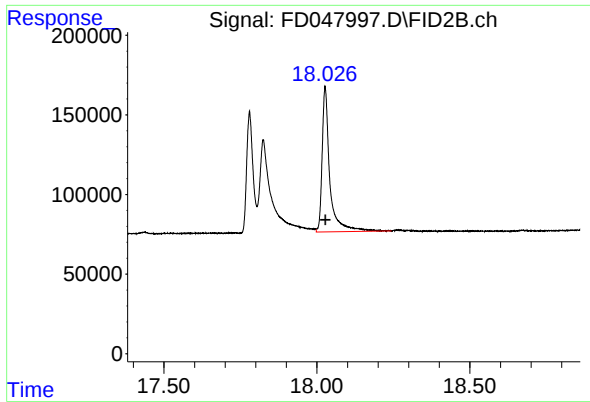
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.780 min
Delta R.T.: 0.000 min
Response: 1082702
Conc: 9.03 ug/ml



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

R.T.: 17.825 min
Delta R.T.: 0.000 min
Response: 1612975
Conc: 11.18 ug/ml



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

R.T.: 18.027 min
Delta R.T.: 0.000 min
Response: 1591555
Conc: 10.78 ug/ml

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