

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061125AR\
 Data File : FD049440.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jun 2025 22:09
 Operator : YP/AJ
 Sample : Q2177-02MS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-187-SB01MS

Integration File: autoint1.e
 Quant Time: Jun 12 05:01:40 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	111343	0.670 ug/ml
Spiked Amount 50.000		Recovery =	1.34%
6) S 2-Fluorobiphenyl (SURR)	8.597	57230	0.500 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	1.00%
11) S ortho-Terphenyl (SURR)	11.650	12671361	63.129 ug/ml
Spiked Amount 50.000		Recovery =	126.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.524	3494053	21.961 ug/ml
2) T Naphthalene (C11.7)	6.068	4464576	25.427 ug/ml
3) T 2-Methylnaphthalene (...)	7.123	4661749	26.095 ug/ml
5) T Acenaphthylene (C15.06)	8.403	5828551	30.089 ug/ml
7) T Acenaphthene (C15.5)	8.699	5942692	31.242 ug/ml
8) T Fluorene (C16.55)	9.481	6318184	32.315 ug/ml
9) T Phenanthrene (C19.36)	10.881	6832614	35.935 ug/ml
10) T Anthracene (C19.43)	10.955	6031250	34.500 ug/ml
12) T Fluoranthene (C21.85)	12.696	6851781	37.986 ug/ml
13) T Pyrene (C20.8)	12.994	6669859	37.370 ug/ml
14) T Benzo[a]anthracene (C...	14.865	5697359	37.486 ug/ml
15) T Chrysene (C27.41)	14.909	6164558	40.595 ug/ml
16) T benzo[b]fluoranthene ...	16.417	5567014	38.460 ug/ml
17) T Bnezo[k]fluoranthene ...	16.452	5310001	37.004 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.797	5294957	38.958 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.164	5458384	42.734 ug/ml
20) T Dibenz[a,h]anthracene...	18.202	4971555	36.929 ug/ml
21) T Benzo[g,h,i]perylene ...	18.420	5018591	37.234 ug/ml

(f)=RT Delta > 1/2 Window

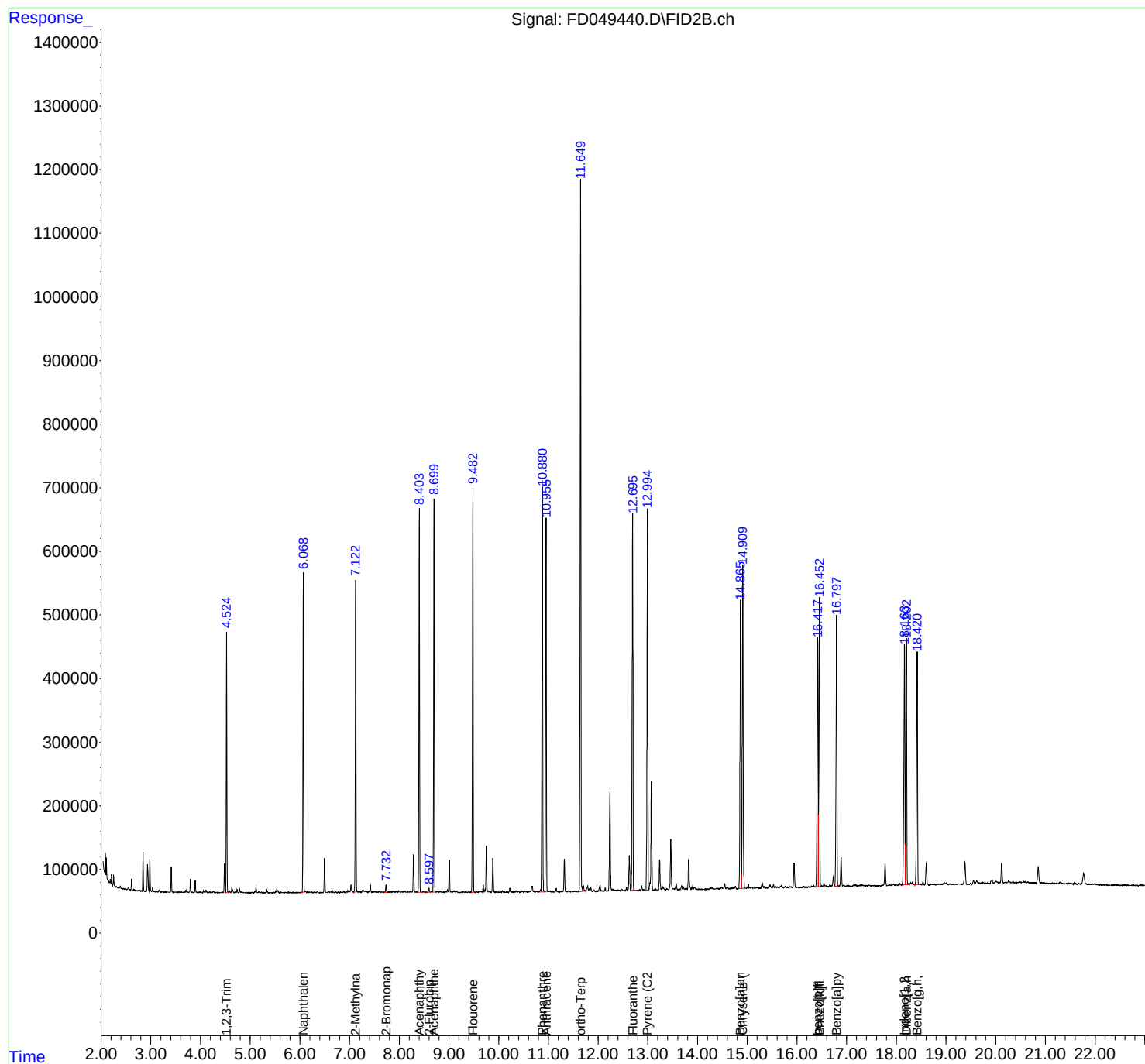
(m)=manual int.

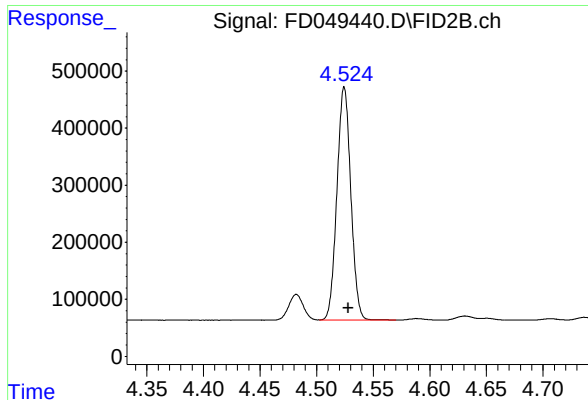
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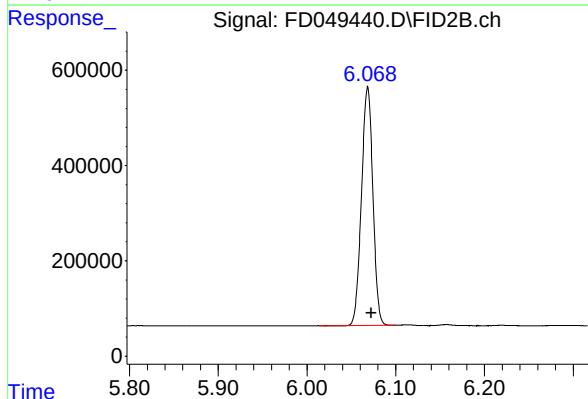




#1 1,2,3-Trimethylbenzene (C10.1)

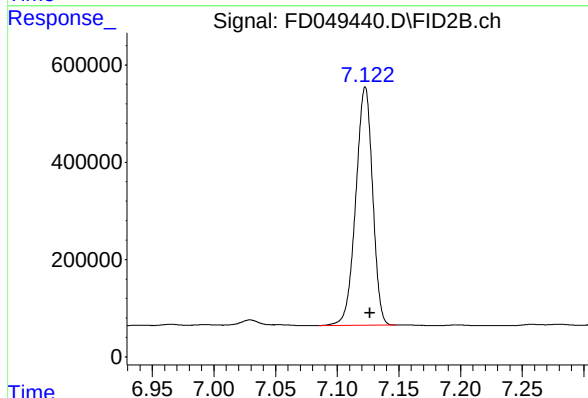
R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 3494053
Conc: 21.96 ug/ml

Instrument :
FID_D
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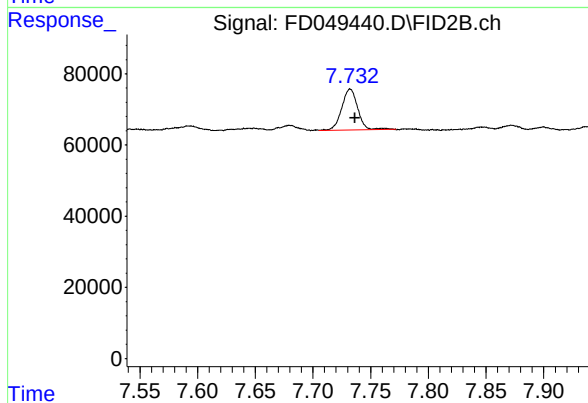
#2 Naphthalene (C11.7)

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 4464576
Conc: 25.43 ug/ml



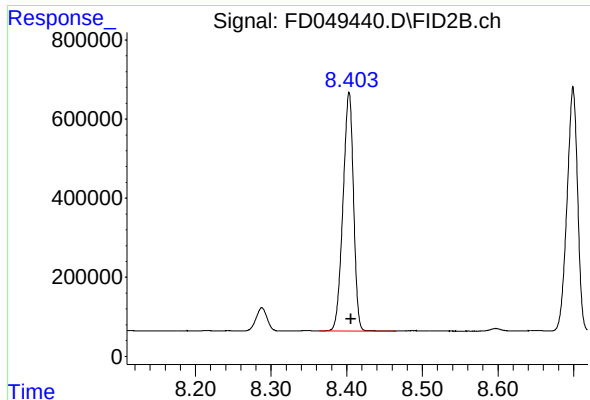
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.123 min
Delta R.T.: -0.004 min
Response: 4661749
Conc: 26.09 ug/ml



#4 2-Bromonaphthalene (SURR)

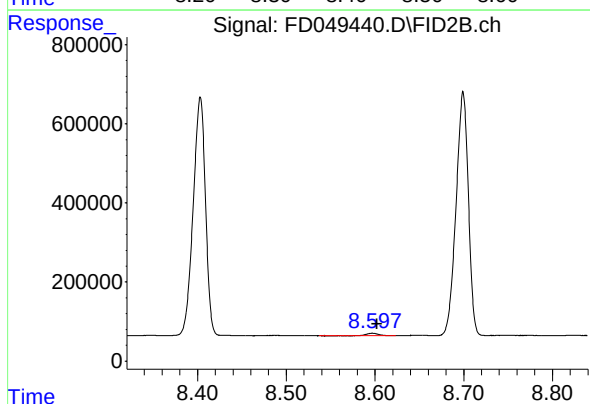
R.T.: 7.732 min
Delta R.T.: -0.004 min
Response: 111343
Conc: 0.67 ug/ml



#5 Acenaphthylene (C15.06)

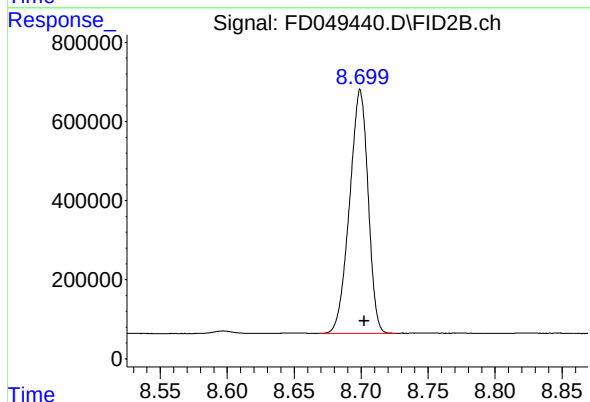
R.T.: 8.403 min
Delta R.T.: -0.003 min
Response: 5828551
Conc: 30.09 ug/ml

Instrument :
FID_D
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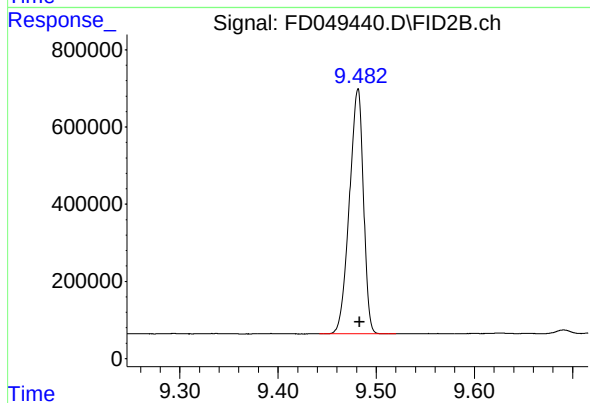
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.597 min
Delta R.T.: -0.005 min
Response: 57230
Conc: 0.50 ug/ml



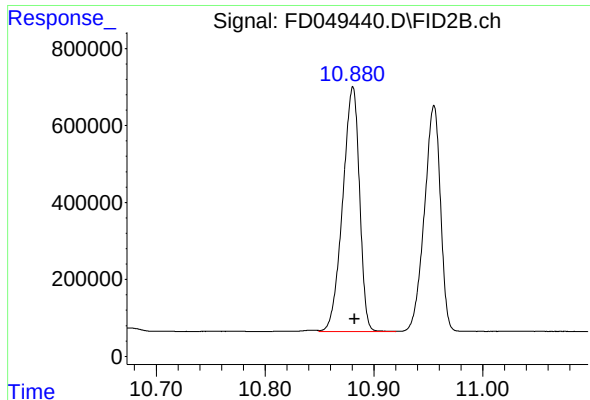
#7 Acenaphthene (C15.5)

R.T.: 8.699 min
Delta R.T.: -0.003 min
Response: 5942692
Conc: 31.24 ug/ml



#8 Flouorene (C16.55)

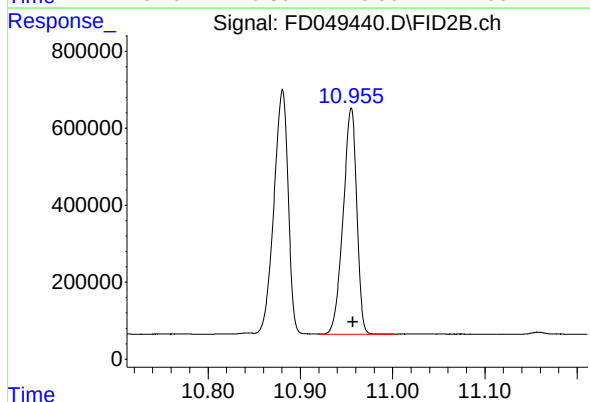
R.T.: 9.481 min
Delta R.T.: -0.002 min
Response: 6318184
Conc: 32.31 ug/ml



#9 Phenanthrene (C19.36)

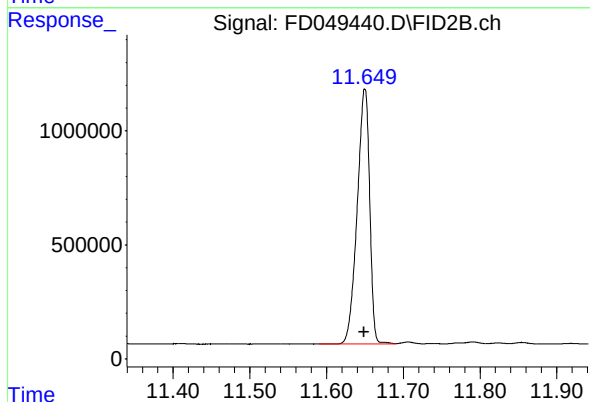
R.T.: 10.881 min
Delta R.T.: -0.002 min
Response: 6832614
Conc: 35.93 ug/ml

Instrument :
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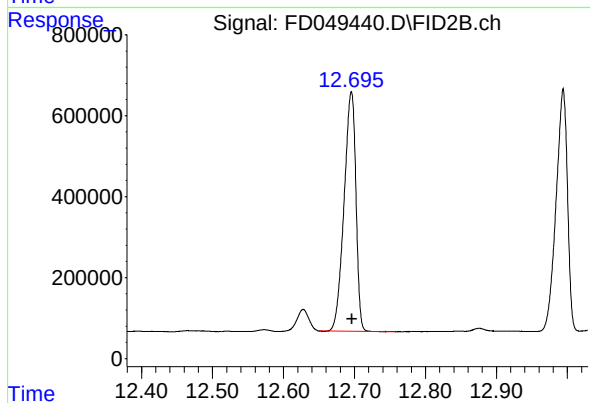
#10 Anthracene (C19.43)

R.T.: 10.955 min
Delta R.T.: -0.002 min
Response: 6031250
Conc: 34.50 ug/ml



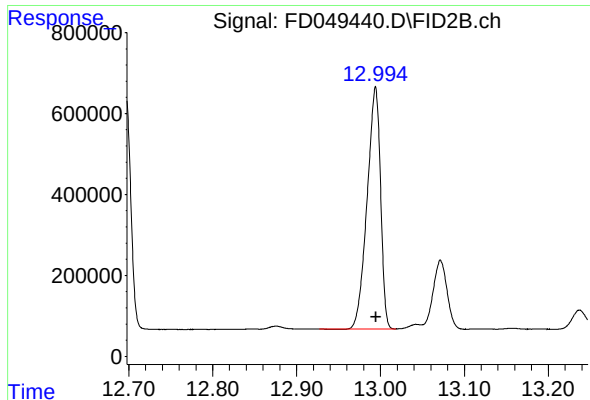
#11 ortho-Terphenyl (SURRE)

R.T.: 11.650 min
Delta R.T.: 0.001 min
Response: 12671361
Conc: 63.13 ug/ml



#12 Fluoranthene (C21.85)

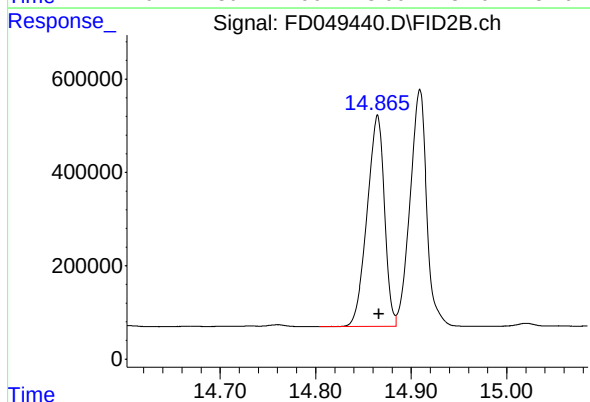
R.T.: 12.696 min
Delta R.T.: 0.000 min
Response: 6851781
Conc: 37.99 ug/ml



#13 Pyrene (C20.8)

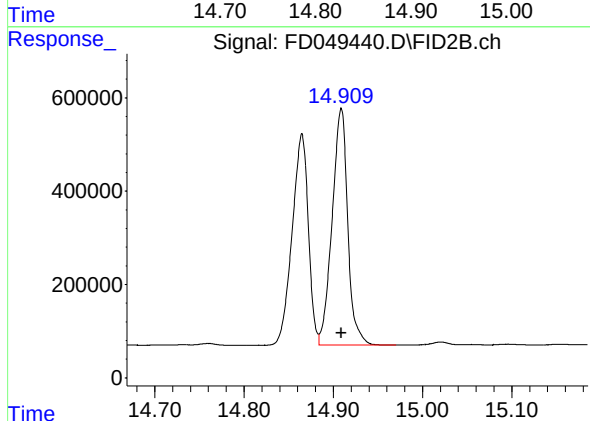
R.T.: 12.994 min
Delta R.T.: 0.000 min
Response: 6669859
Conc: 37.37 ug/ml

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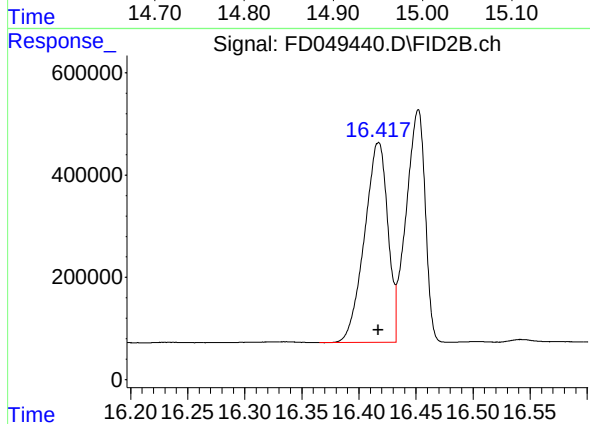
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.865 min
Delta R.T.: -0.001 min
Response: 5697359
Conc: 37.49 ug/ml



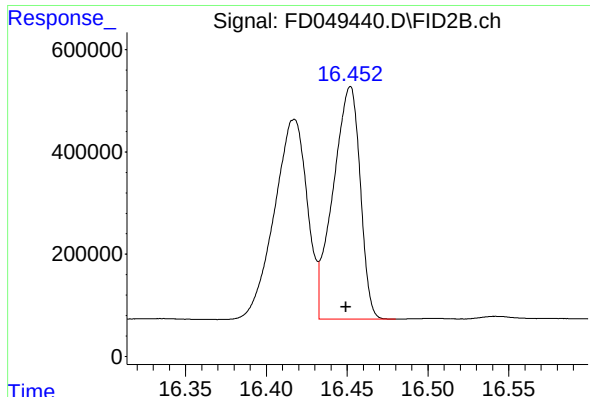
#15 Chrysene (C27.41)

R.T.: 14.909 min
Delta R.T.: 0.000 min
Response: 6164558
Conc: 40.59 ug/ml



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

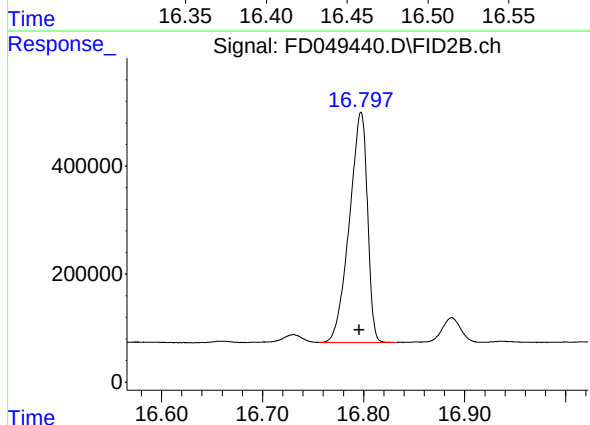
R.T.: 16.417 min
Delta R.T.: 0.000 min
Response: 5567014
Conc: 38.46 ug/ml



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

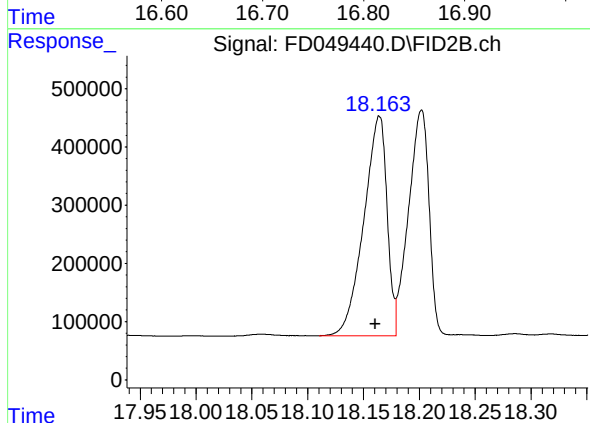
R.T.: 16.452 min
Delta R.T.: 0.003 min
Response: 5310001
Conc: 37.00 ug/ml

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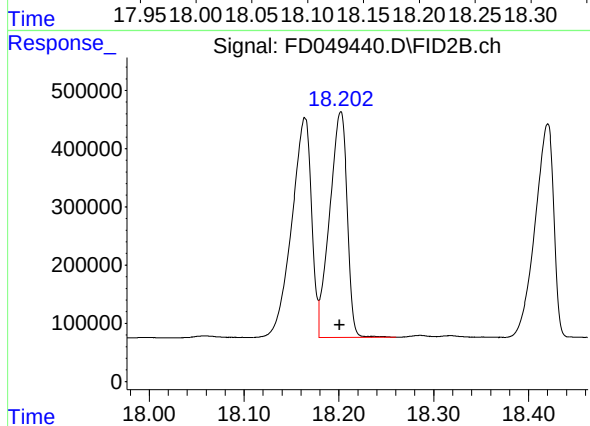
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.797 min
Delta R.T.: 0.002 min
Response: 5294957
Conc: 38.96 ug/ml



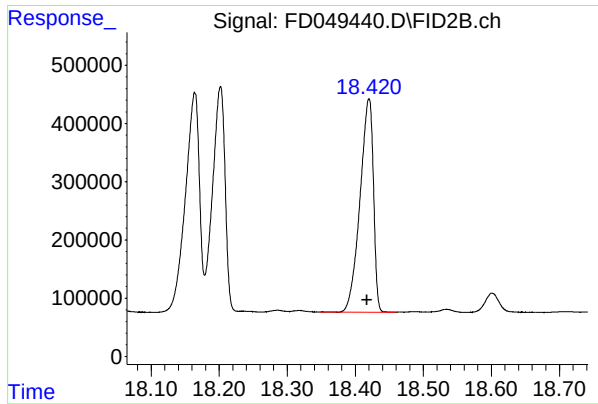
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.164 min
Delta R.T.: 0.003 min
Response: 5458384
Conc: 42.73 ug/ml



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

R.T.: 18.202 min
Delta R.T.: 0.001 min
Response: 4971555
Conc: 36.93 ug/ml



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

R.T.: 18.420 min
Delta R.T.: 0.003 min
Response: 5018591
Conc: 37.23 ug/ml

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