

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012425AR\
 Data File : FD048946.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 09:23
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jan 25 03:31:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:28:54 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...	7.357	7023342	50.022 ug/ml
Spiked Amount 50.000		Recovery =	100.04%
6) S 2-Fluorobiphenyl (SURR)	8.208	4633464	53.253 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.51%
11) S ortho-Terphenyl (SURR)	11.242	7916217	49.447 ug/ml
Spiked Amount 50.000		Recovery =	98.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.180	7560849	49.998 ug/ml
2) T Naphthalene (C11.7)	5.698	7833852	50.580 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	7715439	50.213 ug/ml
5) T Acenaphthylene (C15.06)	8.011	7975025	49.797 ug/ml
7) T Acenaphthene (C15.5)	8.305	7895356	48.930 ug/ml
8) T Fluorene (C16.55)	9.083	7857497	50.576 ug/ml
9) T Phenanthrene (C19.36)	10.471	7661334	50.900 ug/ml
10) T Anthracene (C19.43)	10.546	7663855	50.614 ug/ml
12) T Fluoranthene (C21.85)	12.275	7770594	50.686 ug/ml
13) T Pyrene (C20.8)	12.568	7762923	51.220 ug/ml
14) T Benzo[a]anthracene (C...	14.441	7288947	54.155 ug/ml
15) T Chrysene (C27.41)	14.482	7652930	48.415 ug/ml
16) T benzo[b]fluoranthene ...	15.989	7300281	52.346 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	7491870	48.891 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.363	7044465	51.765 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.730	5943659	59.844 ug/ml
20) T Dibenz[a,h]anthracene...	17.766	7086685	48.838 ug/ml
21) T Benzo[g,h,i]perylene ...	17.982	6967496	50.130 ug/ml

(f)=RT Delta > 1/2 Window

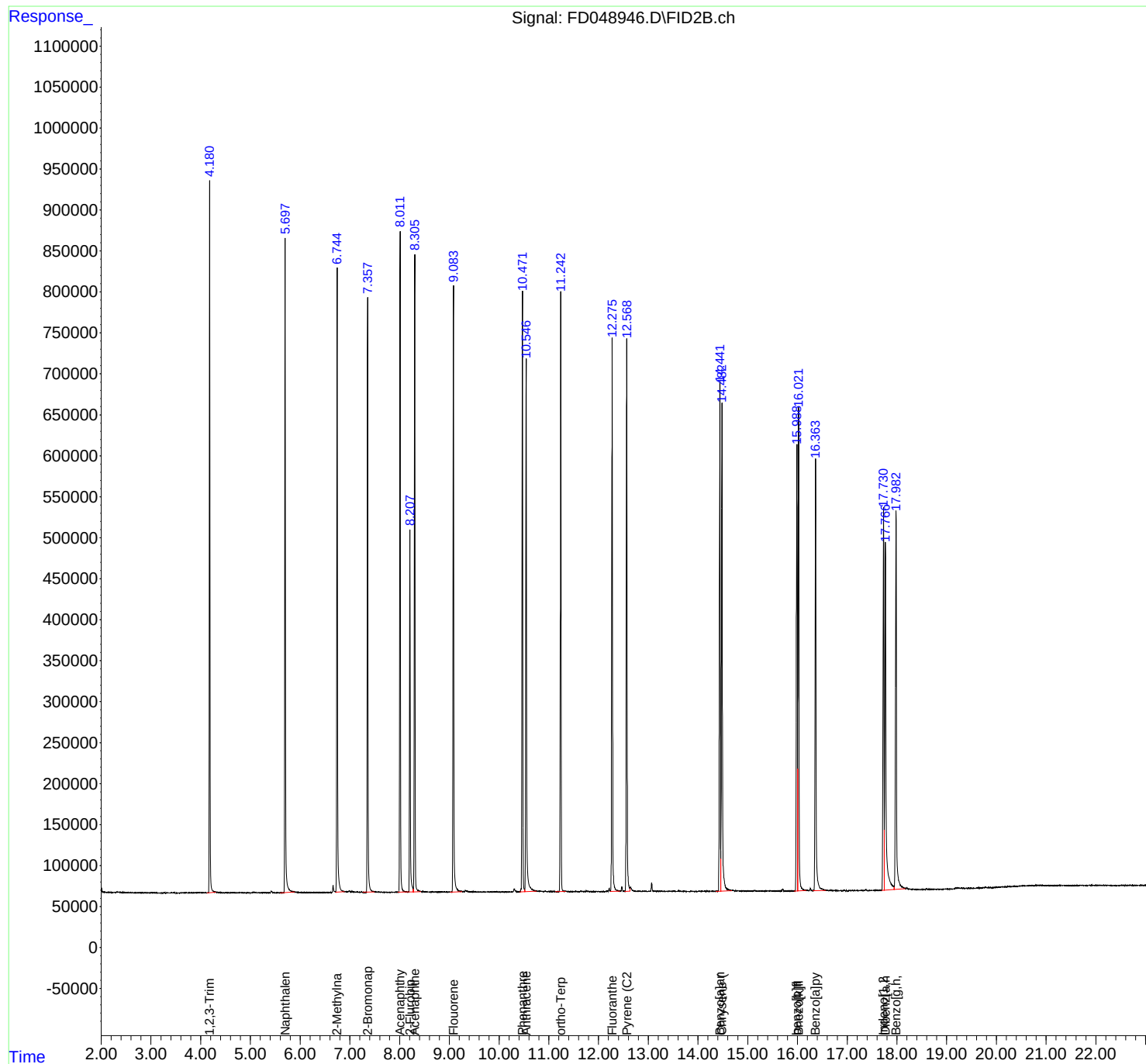
(m)=manual int.

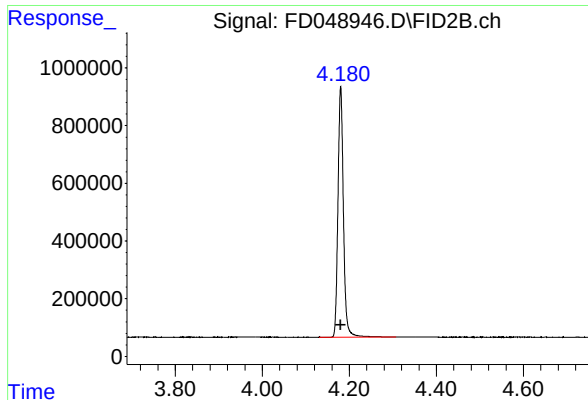
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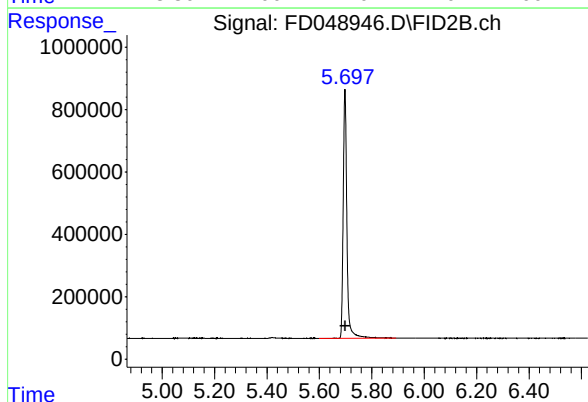




#1 1,2,3-Trimethylbenzene (C10.1)

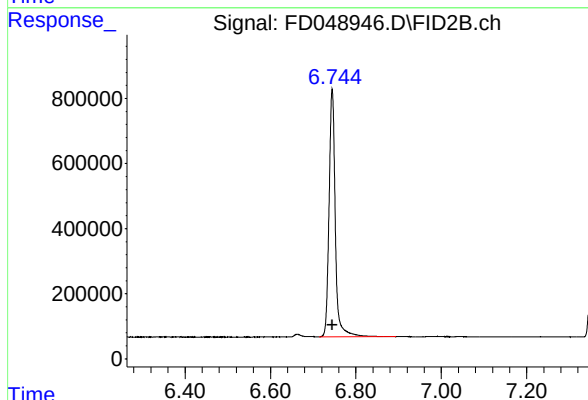
R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 7560849
Conc: 50.00 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



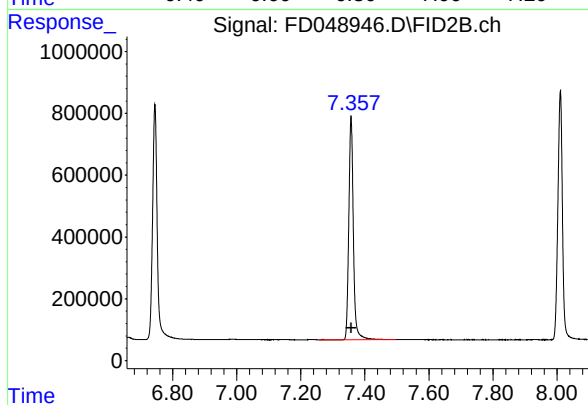
#2 Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 7833852
Conc: 50.58 ug/ml



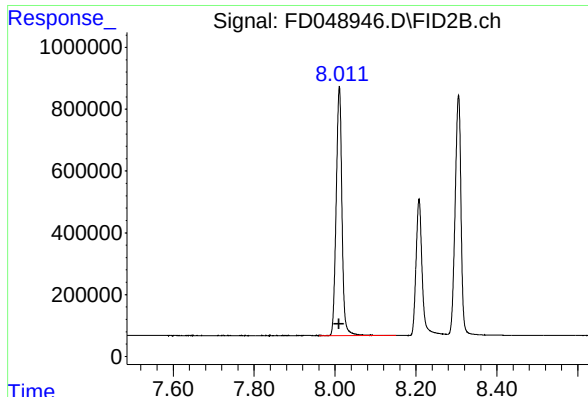
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 7715439
Conc: 50.21 ug/ml



#4 2-Bromonaphthalene (SURR)

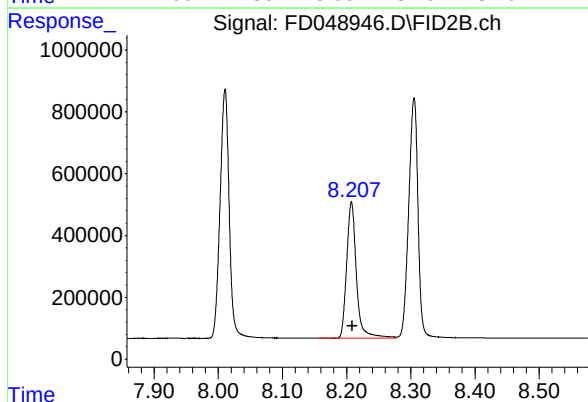
R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 7023342
Conc: 50.02 ug/ml



#5 Acenaphthylene (C15.06)

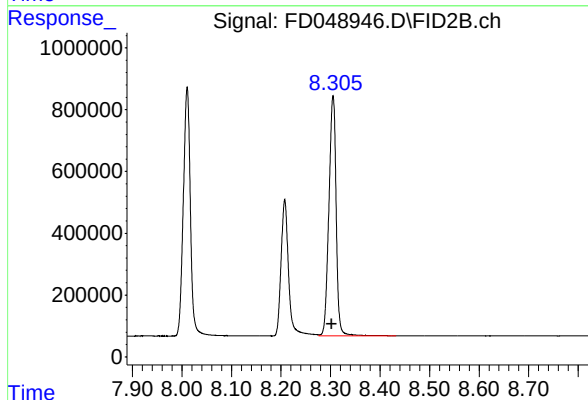
R.T.: 8.011 min
Delta R.T.: 0.001 min
Response: 7975025
Conc: 49.80 ug/ml

Instrument :
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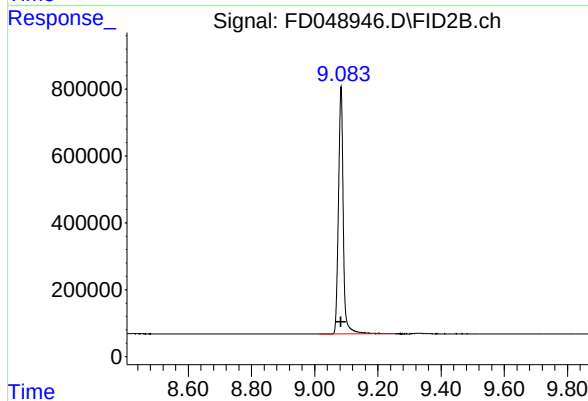
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 4633464
Conc: 53.25 ug/ml



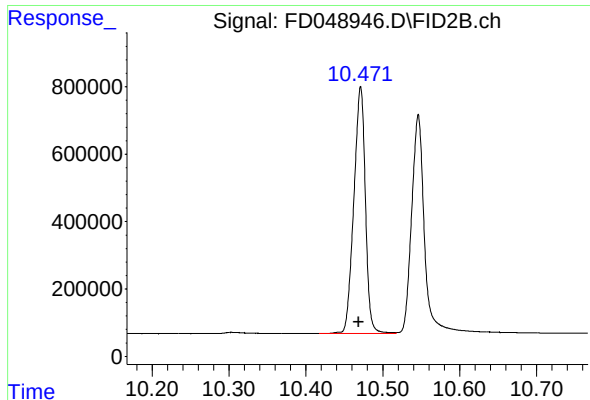
#7 Acenaphthene (C15.5)

R.T.: 8.305 min
Delta R.T.: 0.003 min
Response: 7895356
Conc: 48.93 ug/ml



#8 Flouorene (C16.55)

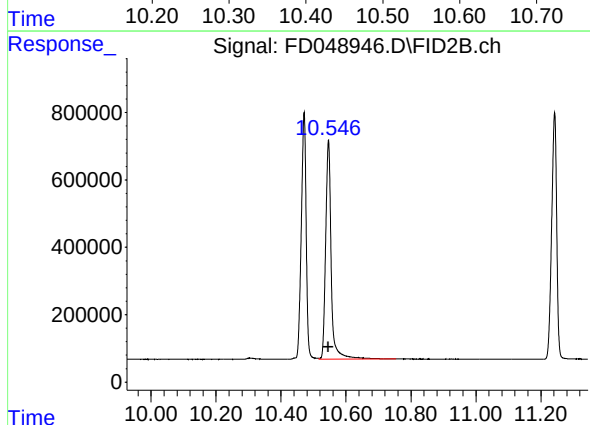
R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 7857497
Conc: 50.58 ug/ml



#9 Phenanthrene (C19.36)

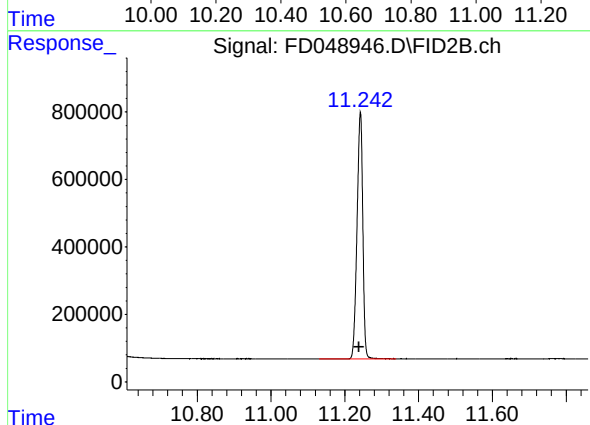
R.T.: 10.471 min
Delta R.T.: 0.003 min
Response: 7661334
Conc: 50.90 ug/ml

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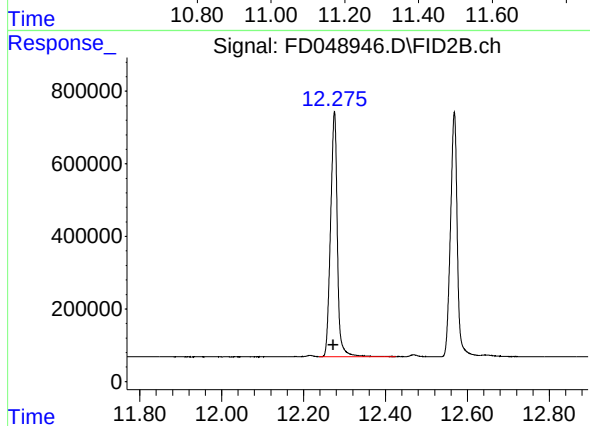
#10 Anthracene (C19.43)

R.T.: 10.546 min
Delta R.T.: 0.000 min
Response: 7663855
Conc: 50.61 ug/ml



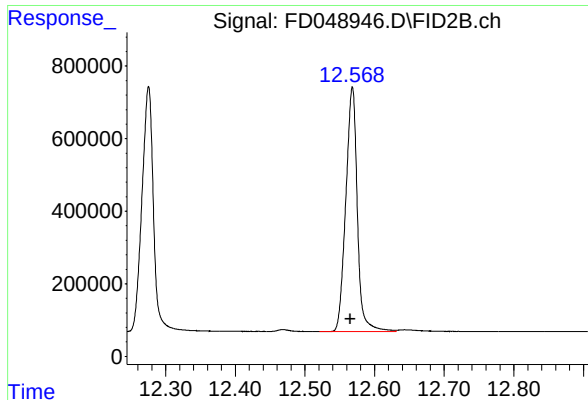
#11 ortho-Terphenyl (SURR)

R.T.: 11.242 min
Delta R.T.: 0.003 min
Response: 7916217
Conc: 49.45 ug/ml



#12 Fluoranthene (C21.85)

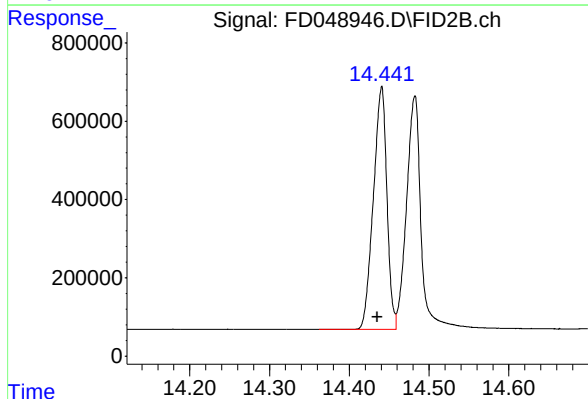
R.T.: 12.275 min
Delta R.T.: 0.002 min
Response: 7770594
Conc: 50.69 ug/ml



#13 Pyrene (C20.8)

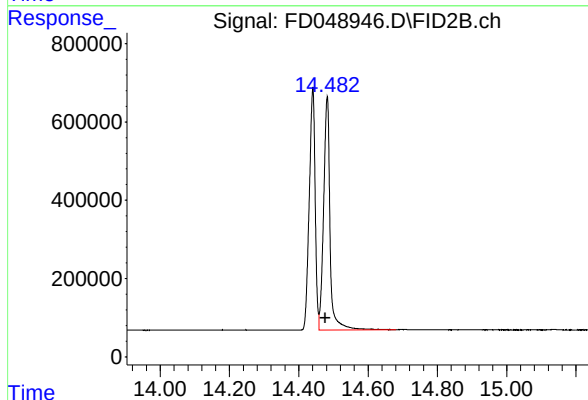
R.T.: 12.568 min
Delta R.T.: 0.003 min
Response: 7762923
Conc: 51.22 ug/ml

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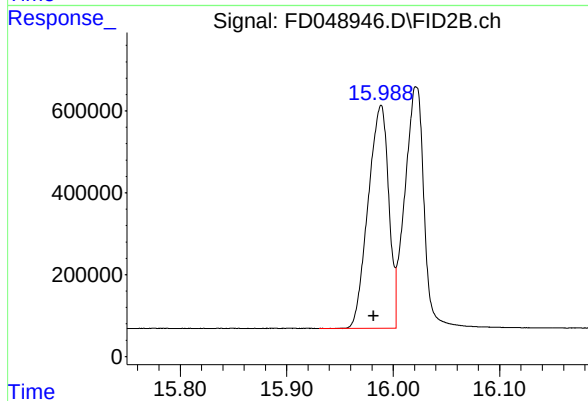
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.441 min
Delta R.T.: 0.006 min
Response: 7288947
Conc: 54.16 ug/ml



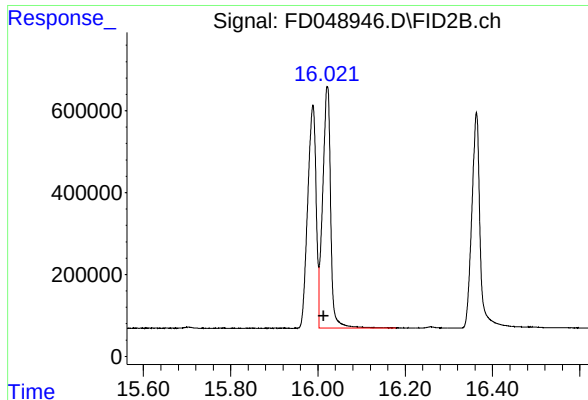
#15 Chrysene (C27.41)

R.T.: 14.482 min
Delta R.T.: 0.006 min
Response: 7652930
Conc: 48.41 ug/ml



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

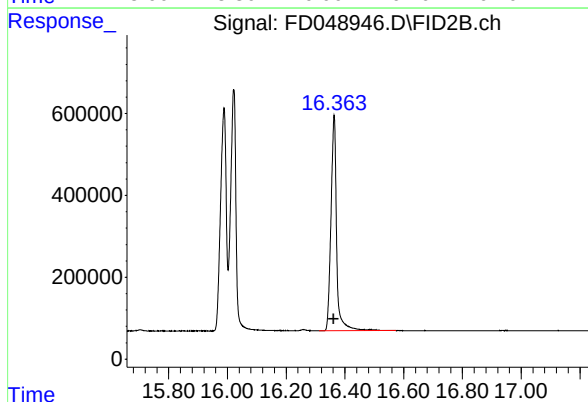
R.T.: 15.989 min
Delta R.T.: 0.007 min
Response: 7300281
Conc: 52.35 ug/ml



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

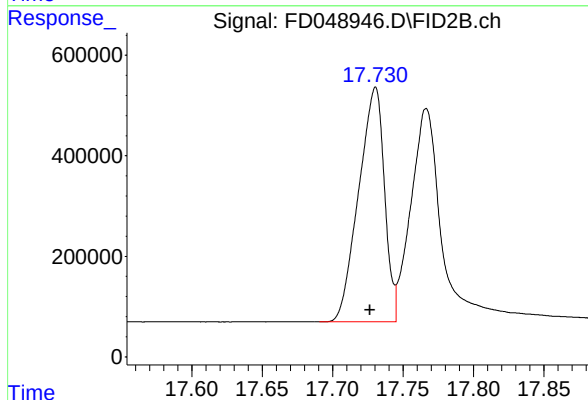
R.T.: 16.022 min
Delta R.T.: 0.009 min
Response: 7491870
Conc: 48.89 ug/ml

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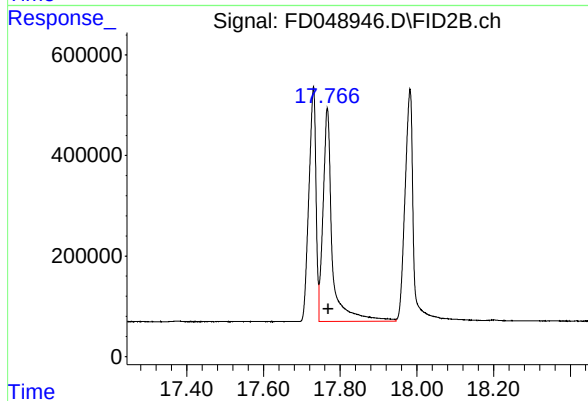
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.363 min
Delta R.T.: 0.002 min
Response: 7044465
Conc: 51.76 ug/ml



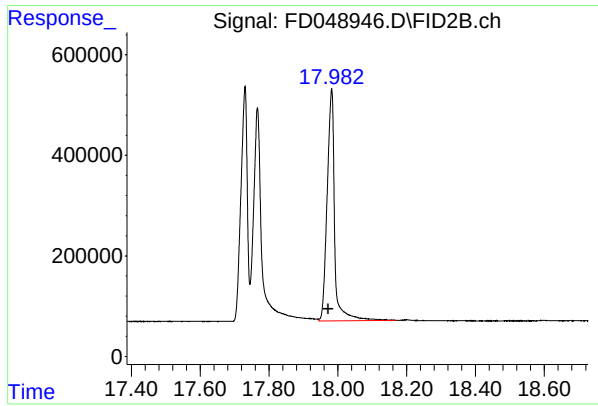
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.730 min
Delta R.T.: 0.004 min
Response: 5943659
Conc: 59.84 ug/ml



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

R.T.: 17.766 min
Delta R.T.: -0.003 min
Response: 7086685
Conc: 48.84 ug/ml



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

R.T.: 17.982 min

Delta R.T.: 0.010 min

Response: 6967496

Conc: 50.13 ug/ml

Instrument :

FID_D

ClientSampleId :

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