

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100125AR\
 Data File : FD049786.D
 Signal(s) : FID2B.ch
 Acq On : 01 Oct 2025 16:25
 Operator : YP/AJ
 Sample : PB169823BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB169823BSD

Integration File: autoint1.e
 Quant Time: Oct 02 10:16:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 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...	7.697	4417663	39.281 ug/ml
Spiked Amount 50.000		Recovery =	78.56%
6) S 2-Fluorobiphenyl (SURR)	8.561	3137864	39.091 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.18%
11) S ortho-Terphenyl (SURR)	11.610	6268340	44.305 ug/ml
Spiked Amount 50.000		Recovery =	88.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	3552861	32.972 ug/ml
2) T Naphthalene (C11.7)	6.031	4375844	35.187 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	4378394	33.594 ug/ml
5) T Acenaphthylene (C15.06)	8.365	5314035	38.330 ug/ml
7) T Acenaphthene (C15.5)	8.662	5388312	38.870 ug/ml
8) T Flouorene (C16.55)	9.444	5808457	41.874 ug/ml
9) T Phenanthrene (C19.36)	10.843	6194585	44.468 ug/ml
10) T Anthracene (C19.43)	10.918	5886698	44.582 ug/ml
12) T Fluoranthene (C21.85)	12.658	6385206	47.414 ug/ml
13) T Pyrene (C20.8)	12.957	6419059	48.255 ug/ml
14) T Benzo[a]anthracene (C...	14.830	5902706	49.360 ug/ml
15) T Chrysene (C27.41)	14.874	6453825	53.051 ug/ml
16) T benzo[b]fluoranthene ...	16.381	5692843	47.492 ug/ml
17) T Bnezo[k]fluoranthene ...	16.416	5615788	49.840 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.761	5478067	46.683 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.128	5659592	52.022 ug/ml
20) T Dibenz[a,h]anthracene...	18.167	5274778	46.291 ug/ml
21) T Benzo[g,h,i]perylene ...	18.384	5004608	43.011 ug/ml

(f)=RT Delta > 1/2 Window

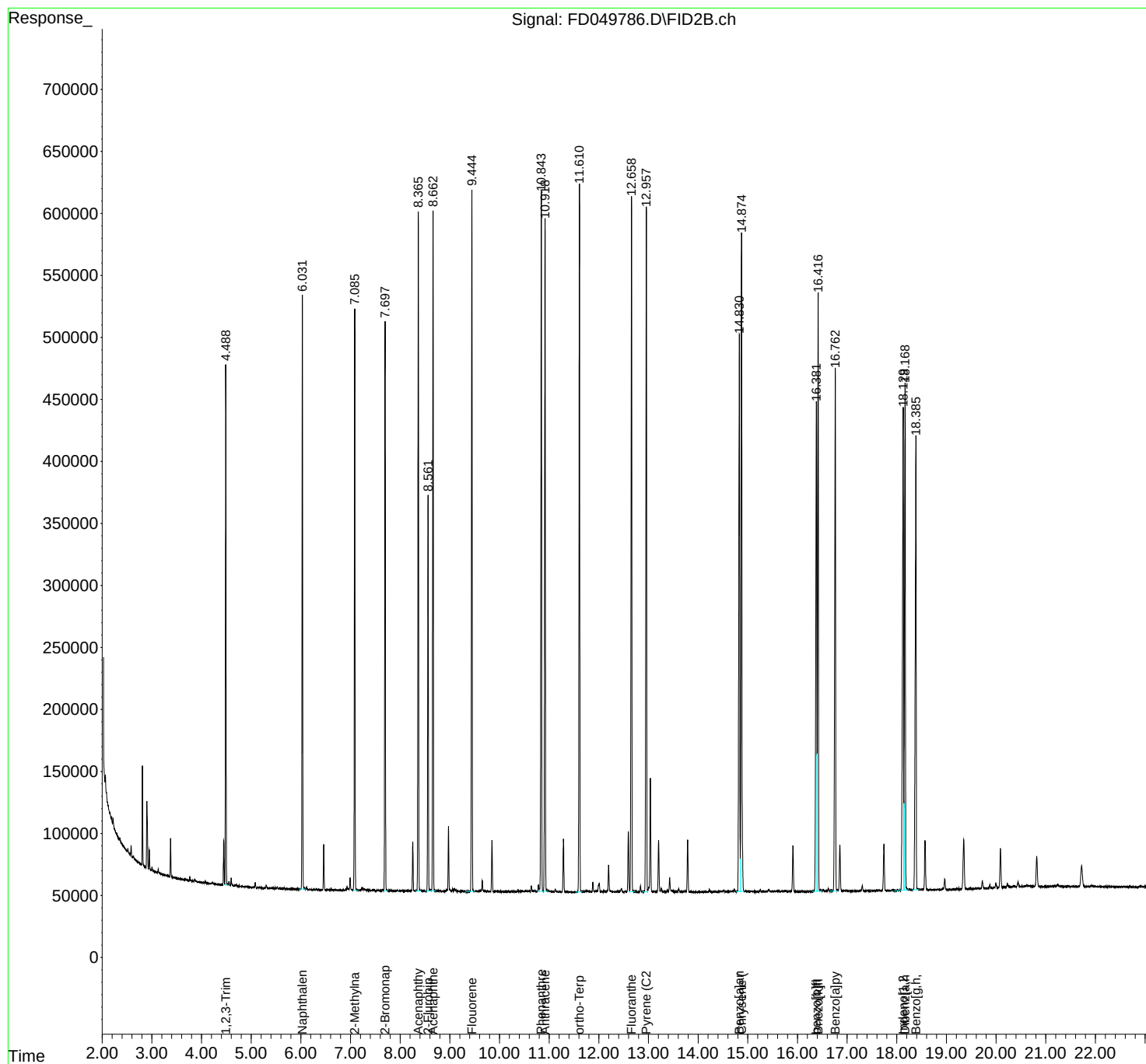
(m)=manual int.

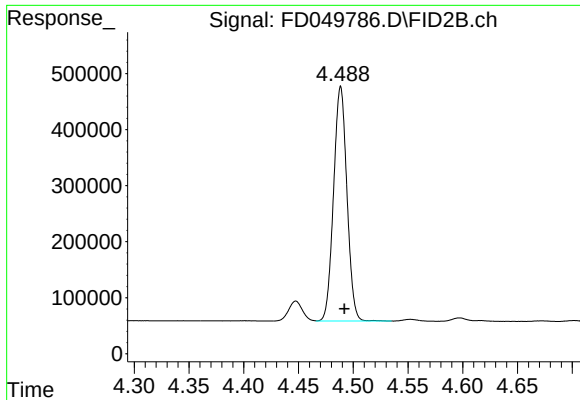
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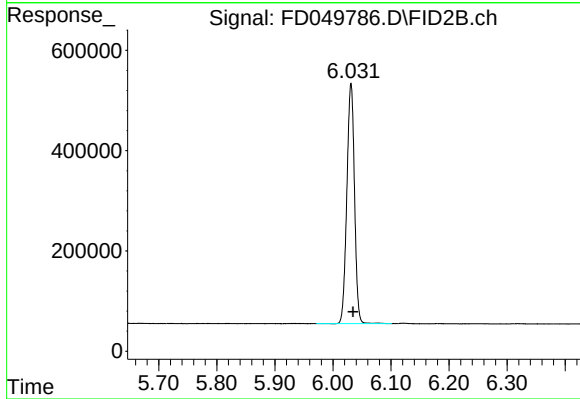




#1 1,2,3-Trimethylbenzene (C10.1)

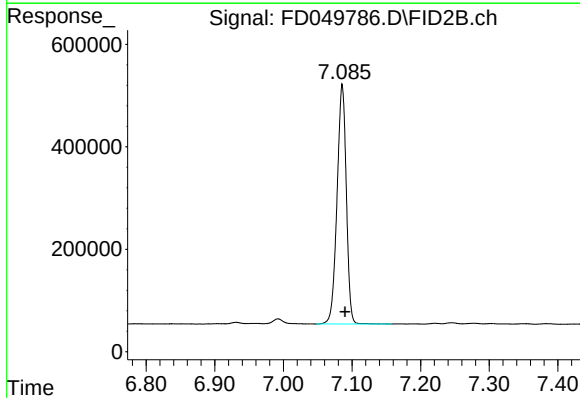
R.T.: 4.488 min
Delta R.T.: -0.004 min
Response: 3552861
Conc: 32.97 ug/ml

Instrument :
FID_D
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PB169823BSD



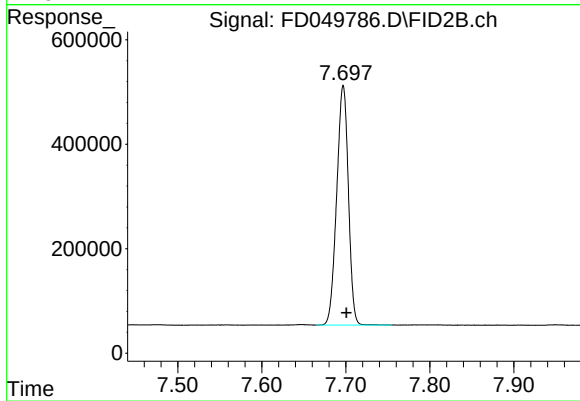
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.004 min
Response: 4375844
Conc: 35.19 ug/ml



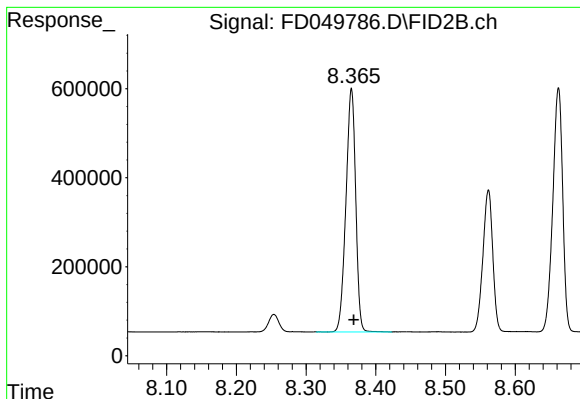
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 4378394
Conc: 33.59 ug/ml



#4 2-Bromonaphthalene (SURR)

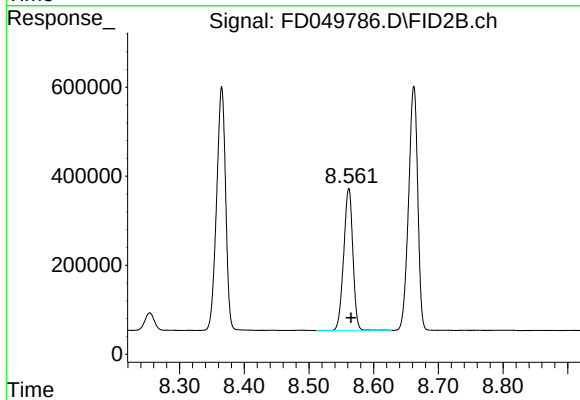
R.T.: 7.697 min
Delta R.T.: -0.004 min
Response: 4417663
Conc: 39.28 ug/ml



#5 Acenaphthylene (C15.06)

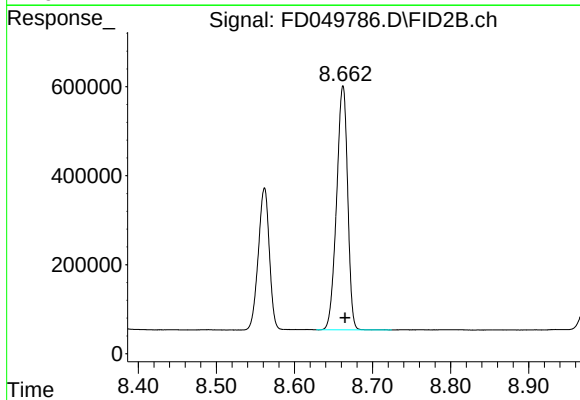
R.T.: 8.365 min
Delta R.T.: -0.004 min
Response: 5314035
Conc: 38.33 ug/ml

Instrument :
FID_D
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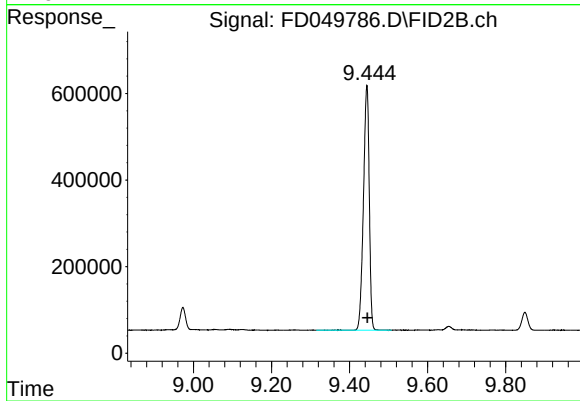
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.561 min
Delta R.T.: -0.004 min
Response: 3137864
Conc: 39.09 ug/ml



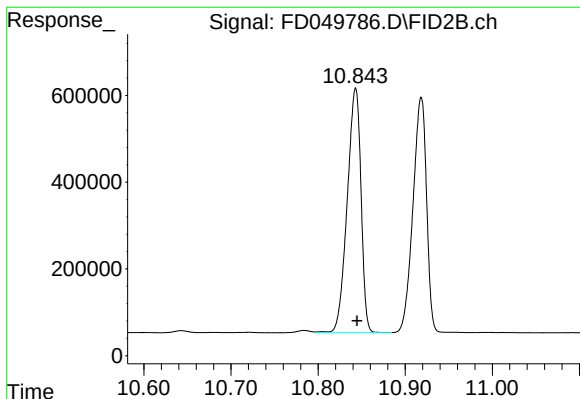
#7 Acenaphthene (C15.5)

R.T.: 8.662 min
Delta R.T.: -0.003 min
Response: 5388312
Conc: 38.87 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.444 min
Delta R.T.: -0.002 min
Response: 5808457
Conc: 41.87 ug/ml



#9 Phenanthrene (C19.36)

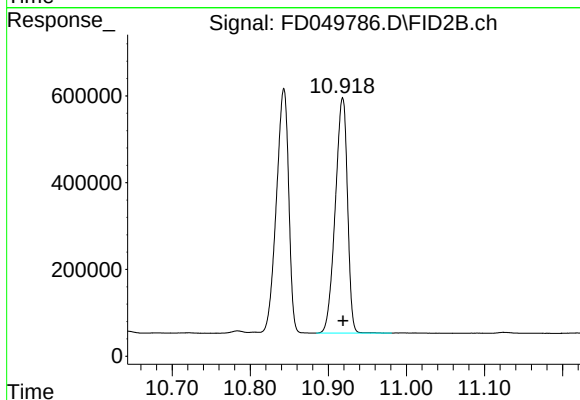
R.T.: 10.843 min
Delta R.T.: -0.002 min
Response: 6194585
Conc: 44.47 ug/ml

Instrument :

FID_D

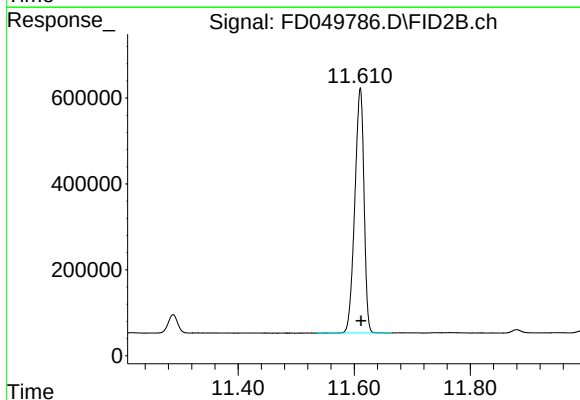
ClientSampleId :

PB169823BSD



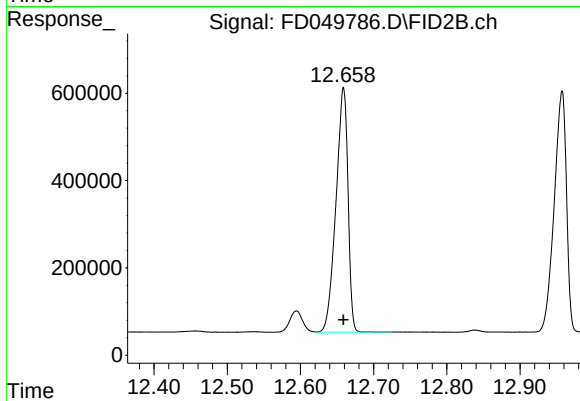
#10 Anthracene (C19.43)

R.T.: 10.918 min
Delta R.T.: -0.001 min
Response: 5886698
Conc: 44.58 ug/ml



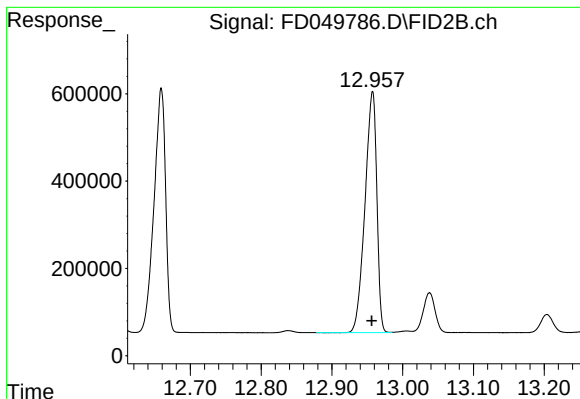
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.002 min
Response: 6268340
Conc: 44.31 ug/ml



#12 Fluoranthene (C21.85)

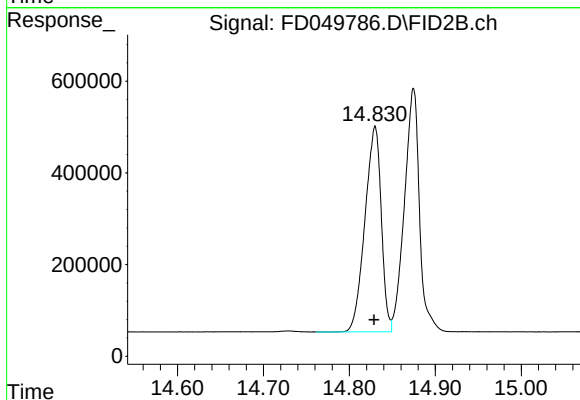
R.T.: 12.658 min
Delta R.T.: 0.000 min
Response: 6385206
Conc: 47.41 ug/ml



#13 Pyrene (C20.8)

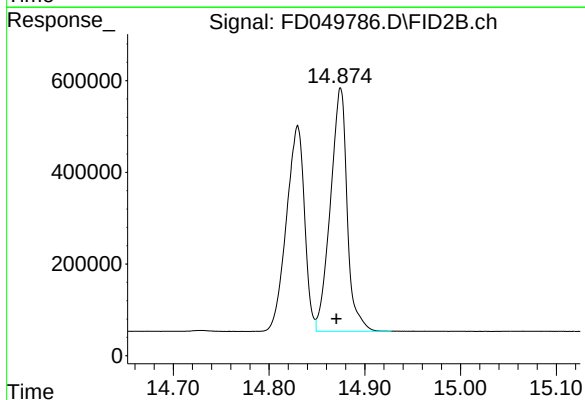
R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 6419059
Conc: 48.25 ug/ml

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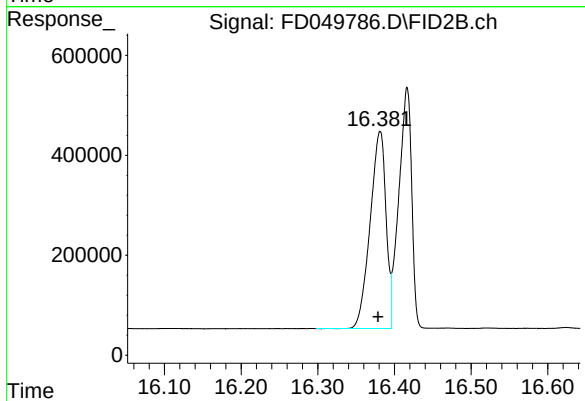
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.830 min
Delta R.T.: 0.000 min
Response: 5902706
Conc: 49.36 ug/ml



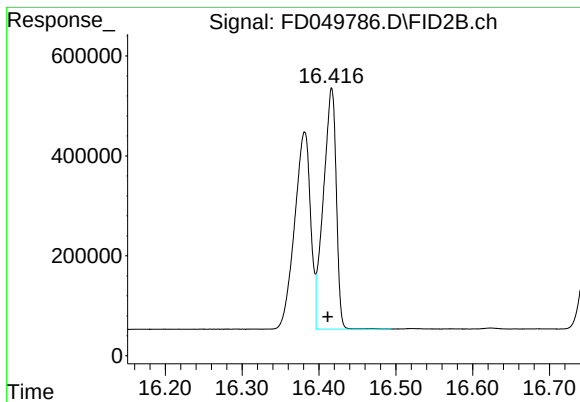
#15 Chrysene (C27.41)

R.T.: 14.874 min
Delta R.T.: 0.004 min
Response: 6453825
Conc: 53.05 ug/ml



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

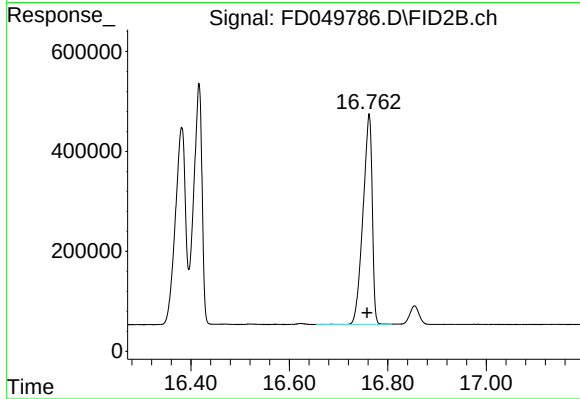
R.T.: 16.381 min
Delta R.T.: 0.002 min
Response: 5692843
Conc: 47.49 ug/ml



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

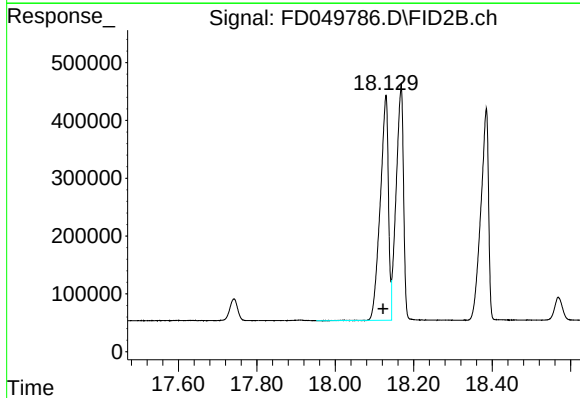
R.T.: 16.416 min
Delta R.T.: 0.005 min
Response: 5615788
Conc: 49.84 ug/ml

Instrument :
FID_D
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PB169823BSD



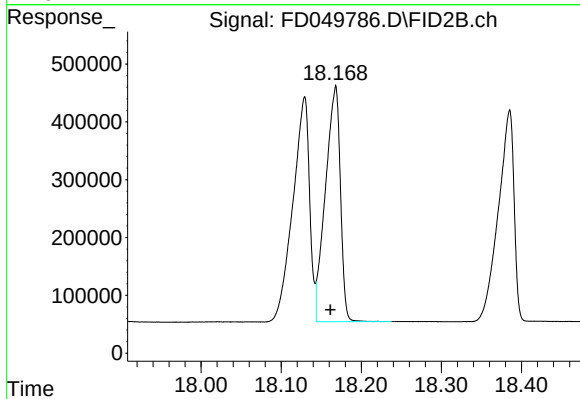
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.761 min
Delta R.T.: 0.004 min
Response: 5478067
Conc: 46.68 ug/ml



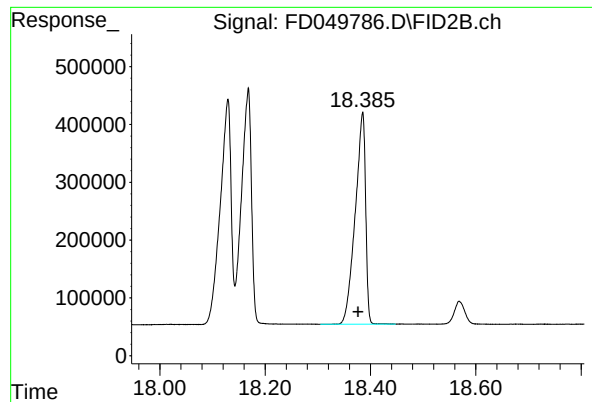
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.128 min
Delta R.T.: 0.006 min
Response: 5659592
Conc: 52.02 ug/ml



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

R.T.: 18.167 min
Delta R.T.: 0.005 min
Response: 5274778
Conc: 46.29 ug/ml



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

R.T.: 18.384 min
Delta R.T.: 0.008 min
Response: 5004608
Conc: 43.01 ug/ml

Instrument :

FID_D

ClientSampleId :

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