

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090825AR\
 Data File : FD049731.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2025 14:21
 Operator : YP/AJ
 Sample : PB169599BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB169599BSD

Integration File: autoint1.e
 Quant Time: Sep 09 06:00:15 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...	7.699	7215733	64.161 ug/ml
Spiked Amount 50.000		Recovery =	128.32%
6) S 2-Fluorobiphenyl (SURR)	8.564	5004394	62.343 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	124.69%
11) S ortho-Terphenyl (SURR)	11.610	7217817	51.016 ug/ml
Spiked Amount 50.000		Recovery =	102.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	4413405	40.958 ug/ml
2) T Naphthalene (C11.7)	6.032	5713028	45.940 ug/ml
3) T 2-Methylnaphthalene (...)	7.087	5761437	44.206 ug/ml
5) T Acenaphthylene (C15.06)	8.367	6963766	50.229 ug/ml
7) T Acenaphthene (C15.5)	8.664	7096691	51.194 ug/ml
8) T Fluorene (C16.55)	9.446	7467660	53.835 ug/ml
9) T Phenanthrene (C19.36)	10.844	7410627	53.198 ug/ml
10) T Anthracene (C19.43)	10.919	6039390	45.739 ug/ml
12) T Fluoranthene (C21.85)	12.659	7285154	54.096 ug/ml
13) T Pyrene (C20.8)	12.957	7106410	53.422 ug/ml
14) T Benzo[a]anthracene (C...	14.828	6488491	54.258 ug/ml
15) T Chrysene (C27.41)	14.874	7130158	58.611 ug/ml
16) T benzo[b]fluoranthene ...	16.381	6549565	54.640 ug/ml
17) T Bnezo[k]fluoranthene ...	16.417	6315673	56.052 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.761	6103837	52.016 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.127	6444075	59.233 ug/ml
20) T Dibenz[a,h]anthracene...	18.165	6183597	54.266 ug/ml
21) T Benzo[g,h,i]perylene ...	18.385	5842631	50.213 ug/ml

(f)=RT Delta > 1/2 Window

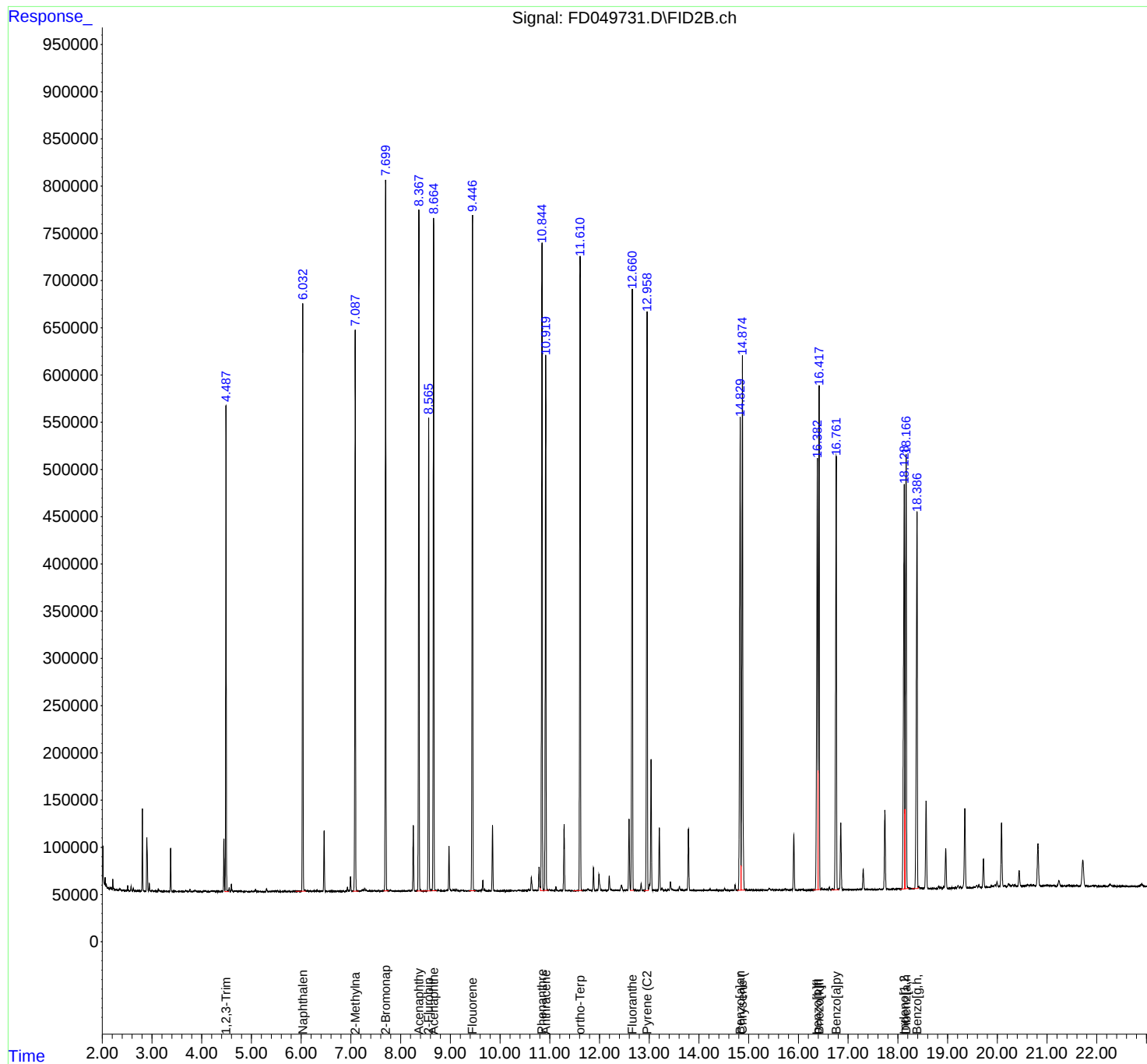
(m)=manual int.

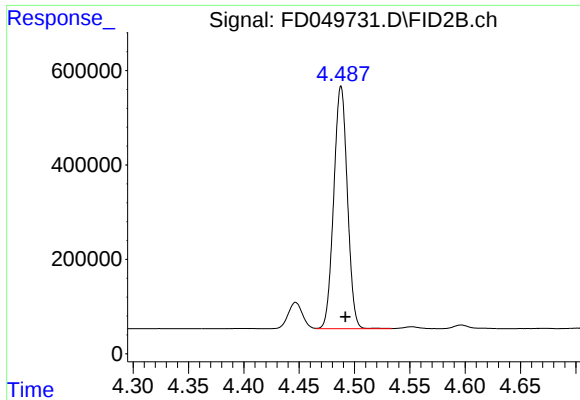
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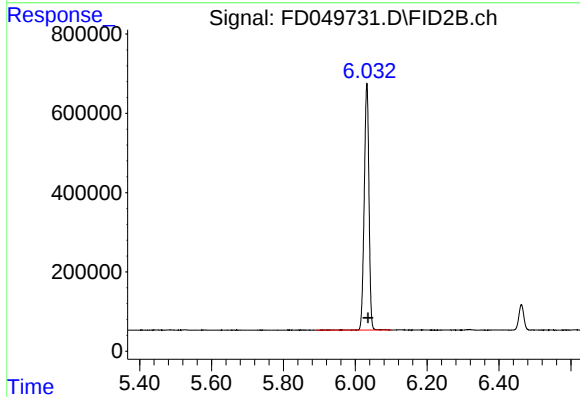




#1 1,2,3-Trimethylbenzene (C10.1)

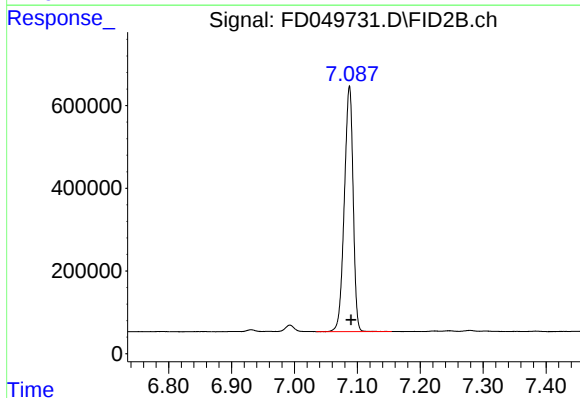
R.T.: 4.488 min
Delta R.T.: -0.004 min
Response: 4413405
Conc: 40.96 ug/ml

Instrument :
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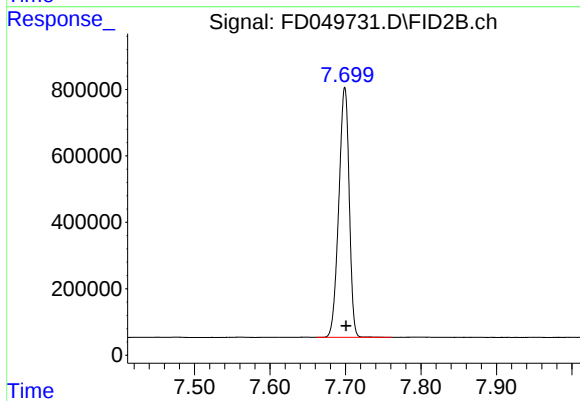
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 5713028
Conc: 45.94 ug/ml



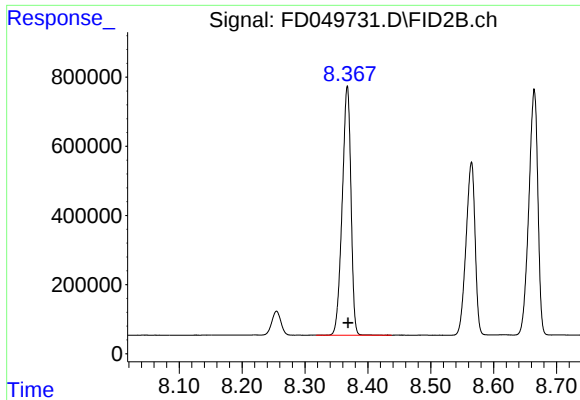
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 5761437
Conc: 44.21 ug/ml



#4 2-Bromonaphthalene (SURR)

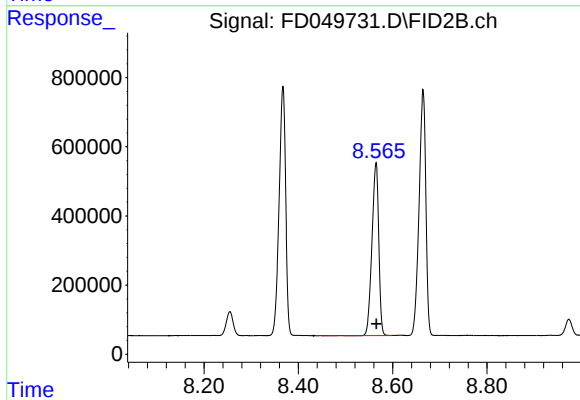
R.T.: 7.699 min
Delta R.T.: -0.002 min
Response: 7215733
Conc: 64.16 ug/ml



#5 Acenaphthylene (C15.06)

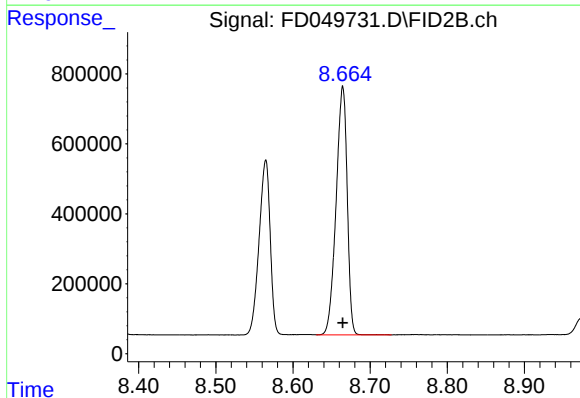
R.T.: 8.367 min
Delta R.T.: -0.001 min
Response: 6963766
Conc: 50.23 ug/ml

Instrument :
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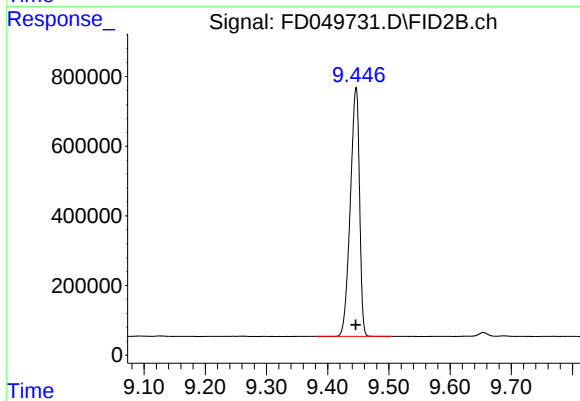
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.564 min
Delta R.T.: 0.000 min
Response: 5004394
Conc: 62.34 ug/ml



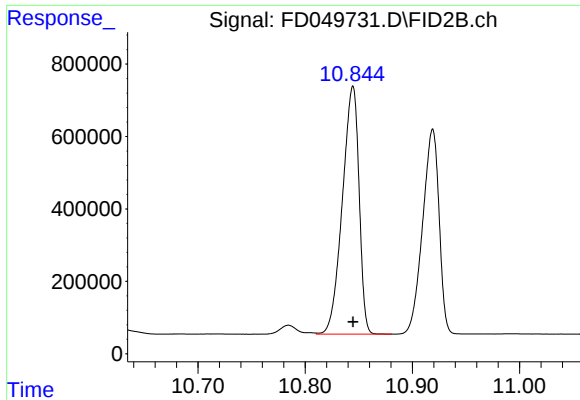
#7 Acenaphthene (C15.5)

R.T.: 8.664 min
Delta R.T.: 0.000 min
Response: 7096691
Conc: 51.19 ug/ml



#8 Flouorene (C16.55)

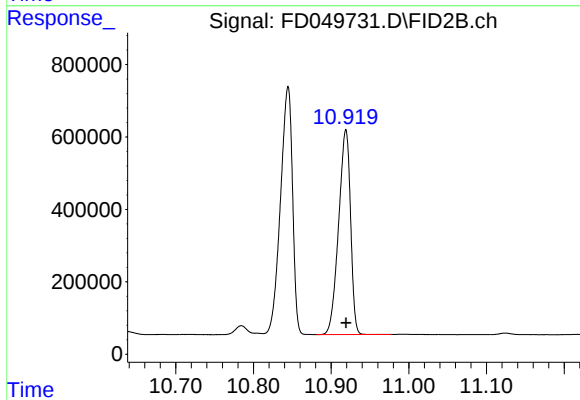
R.T.: 9.446 min
Delta R.T.: 0.000 min
Response: 7467660
Conc: 53.84 ug/ml



#9 Phenanthrene (C19.36)

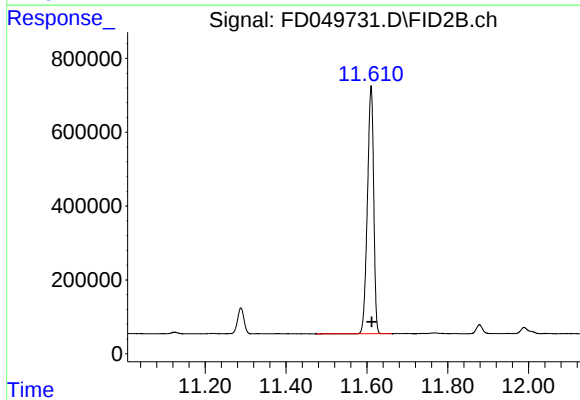
R.T.: 10.844 min
Delta R.T.: 0.000 min
Response: 7410627
Conc: 53.20 ug/ml

Instrument :
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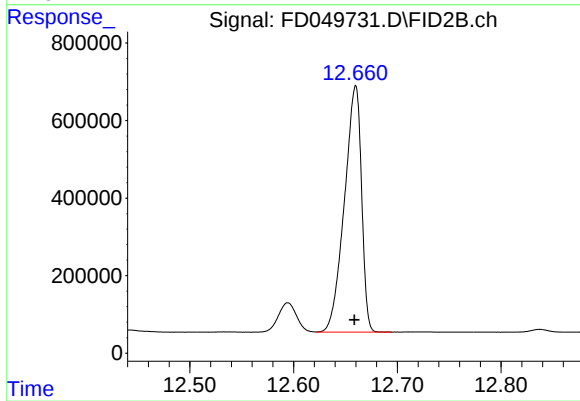
#10 Anthracene (C19.43)

R.T.: 10.919 min
Delta R.T.: 0.000 min
Response: 6039390
Conc: 45.74 ug/ml



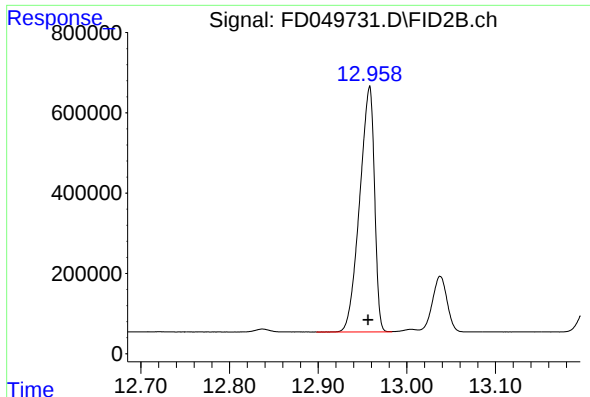
#11 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.002 min
Response: 7217817
Conc: 51.02 ug/ml



#12 Fluoranthene (C21.85)

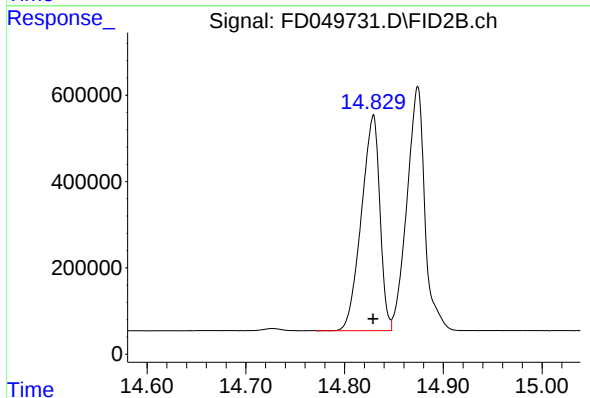
R.T.: 12.659 min
Delta R.T.: 0.000 min
Response: 7285154
Conc: 54.10 ug/ml



#13 Pyrene (C20.8)

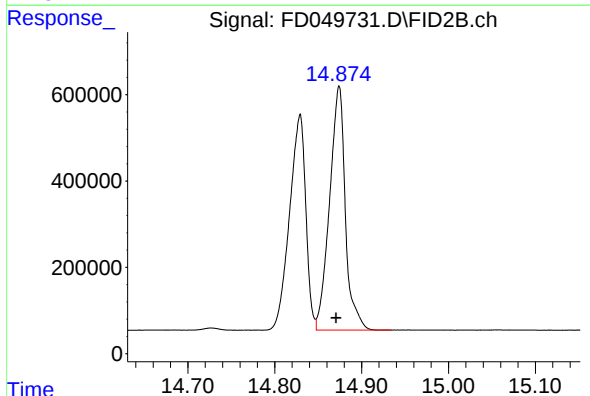
R.T.: 12.957 min
Delta R.T.: 0.000 min
Response: 7106410
Conc: 53.42 ug/ml

Instrument :
FID_D
ClientSampleId :
PB169599BSD



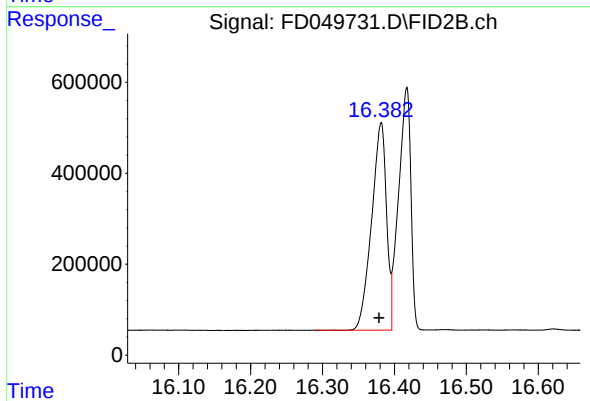
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.828 min
Delta R.T.: 0.000 min
Response: 6488491
Conc: 54.26 ug/ml



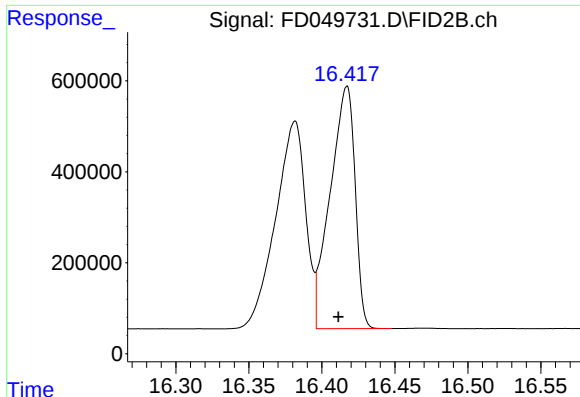
#15 Chrysene (C27.41)

R.T.: 14.874 min
Delta R.T.: 0.003 min
Response: 7130158
Conc: 58.61 ug/ml



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

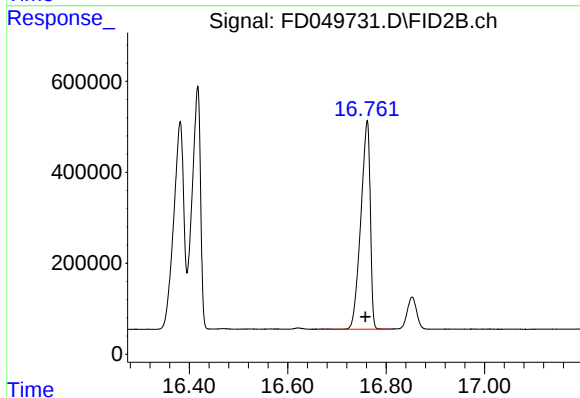
R.T.: 16.381 min
Delta R.T.: 0.002 min
Response: 6549565
Conc: 54.64 ug/ml



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

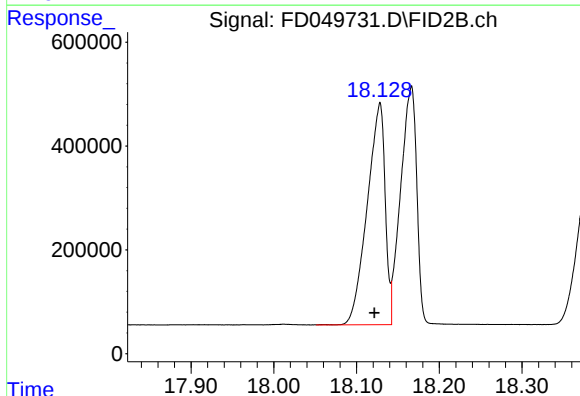
R.T.: 16.417 min
Delta R.T.: 0.005 min
Response: 6315673
Conc: 56.05 ug/ml

Instrument :
FID_D
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PB169599BSD



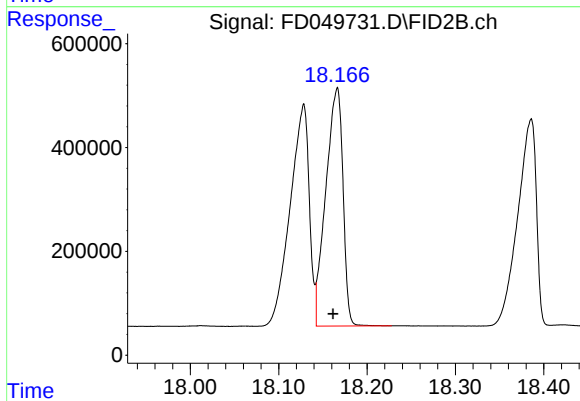
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.761 min
Delta R.T.: 0.003 min
Response: 6103837
Conc: 52.02 ug/ml



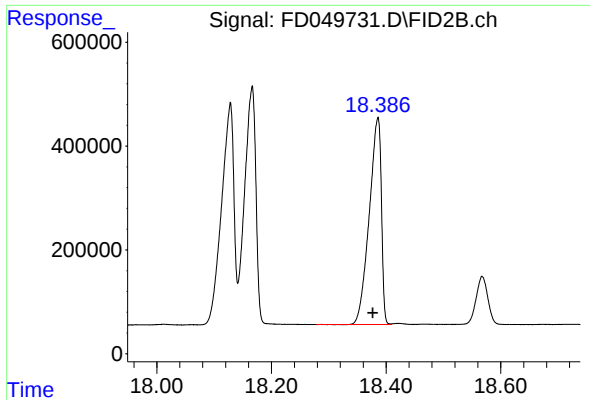
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.127 min
Delta R.T.: 0.006 min
Response: 6444075
Conc: 59.23 ug/ml



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

R.T.: 18.165 min
Delta R.T.: 0.004 min
Response: 6183597
Conc: 54.27 ug/ml



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

R.T.: 18.385 min
Delta R.T.: 0.008 min
Response: 5842631
Conc: 50.21 ug/ml

Instrument :
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ClientSampleId :
PB169599BSD