

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100225AR\
 Data File : FD049799.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 16:01
 Operator : YP/AJ
 Sample : PB169950BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB169950BS

Integration File: autoint1.e
 Quant Time: Oct 03 06:16:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 02 17:50:17 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	4532878	38.151 ug/ml
Spiked Amount 50.000		Recovery =	76.30%
6) S 2-Fluorobiphenyl (SURR)	8.562	3230599	38.052 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.10%
11) S ortho-Terphenyl (SURR)	11.609	6400876	42.877 ug/ml
Spiked Amount 50.000		Recovery =	85.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	3592776	31.615 ug/ml
2) T Naphthalene (C11.7)	6.031	4453159	33.752 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	4484166	32.409 ug/ml
5) T Acenaphthylene (C15.06)	8.365	5457241	37.352 ug/ml
7) T Acenaphthene (C15.5)	8.662	5532897	37.998 ug/ml
8) T Flouorene (C16.55)	9.444	5965633	40.850 ug/ml
9) T Phenanthrene (C19.36)	10.843	6315834	43.206 ug/ml
10) T Anthracene (C19.43)	10.918	6009576	44.223 ug/ml
12) T Fluoranthene (C21.85)	12.658	6472807	45.434 ug/ml
13) T Pyrene (C20.8)	12.956	6511421	46.320 ug/ml
14) T Benzo[a]anthracene (C...	14.828	5999041	47.699 ug/ml
15) T Chrysene (C27.41)	14.872	6570561	51.144 ug/ml
16) T benzo[b]fluoranthene ...	16.379	5788391	46.468 ug/ml
17) T Bnezo[k]fluoranthene ...	16.415	5694759	48.480 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.759	5562863	45.838 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.126	5794620	51.536 ug/ml
20) T Dibenz[a,h]anthracene...	18.165	5479816	44.822 ug/ml
21) T Benzo[g,h,i]perylene ...	18.381	5156465	43.113 ug/ml

(f)=RT Delta > 1/2 Window

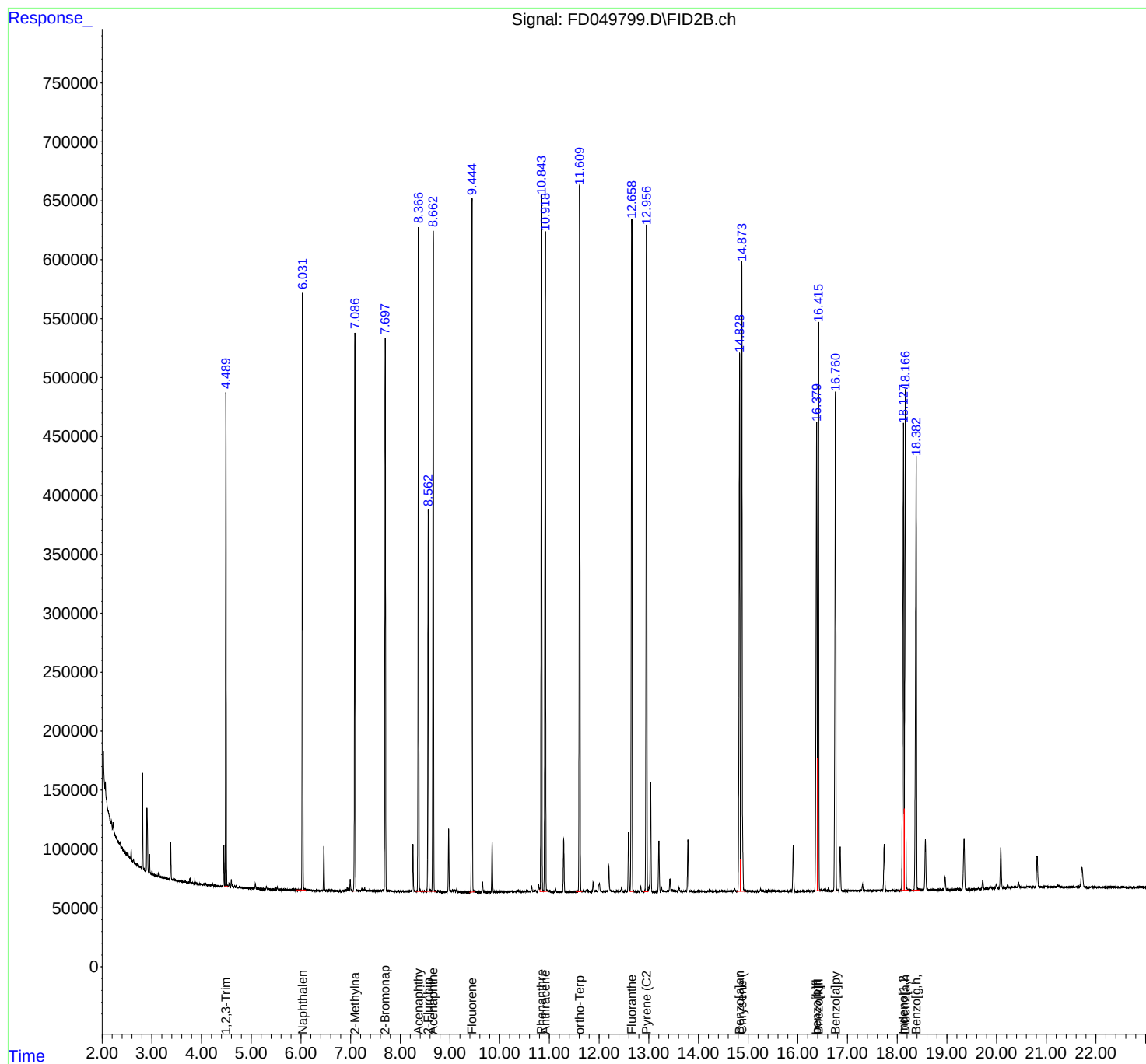
(m)=manual int.

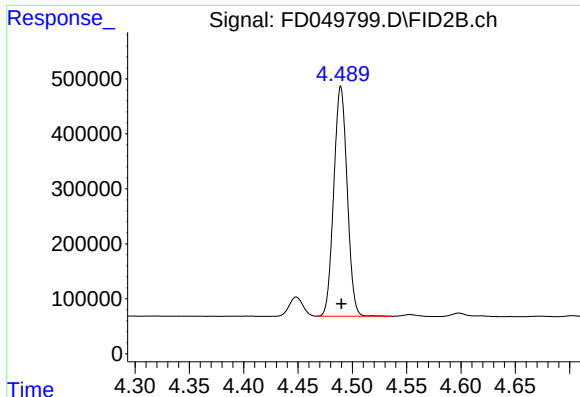
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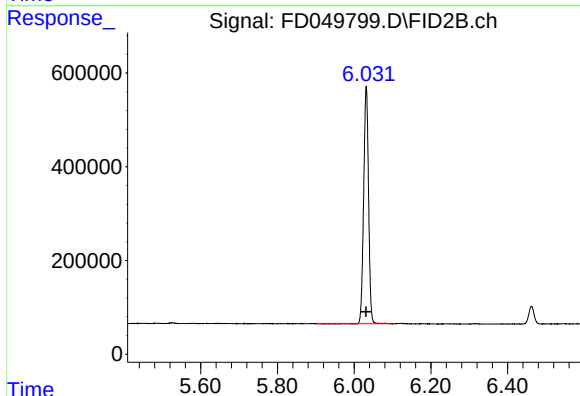




#1 1,2,3-Trimethylbenzene (C10.1)

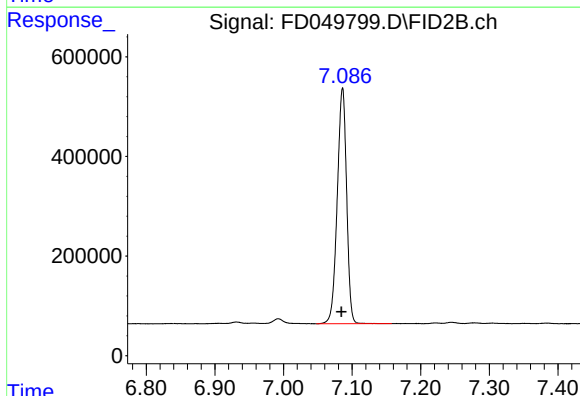
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 3592776
Conc: 31.61 ug/ml

Instrument :
FID_D
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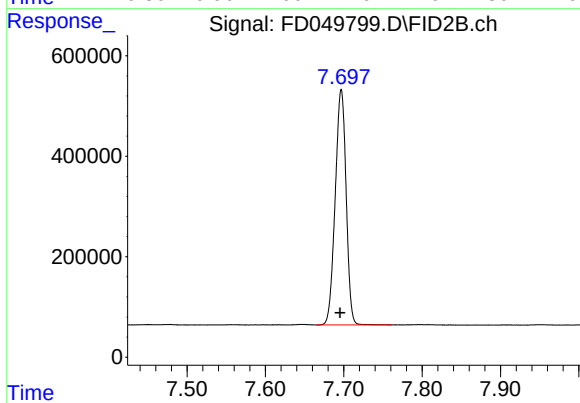
#2 Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 4453159
Conc: 33.75 ug/ml



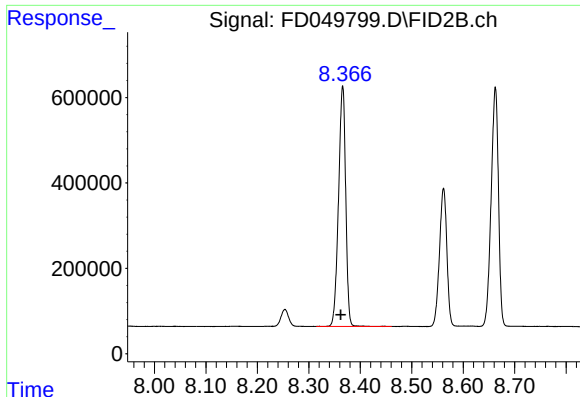
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: 0.002 min
Response: 4484166
Conc: 32.41 ug/ml



#4 2-Bromonaphthalene (SURR)

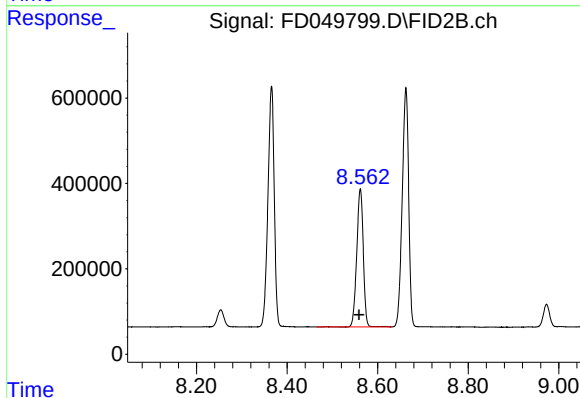
R.T.: 7.697 min
Delta R.T.: 0.002 min
Response: 4532878
Conc: 38.15 ug/ml



#5 Acenaphthylene (C15.06)

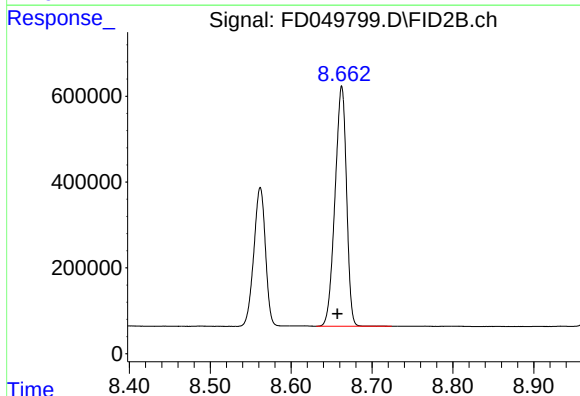
R.T.: 8.365 min
Delta R.T.: 0.004 min
Response: 5457241
Conc: 37.35 ug/ml

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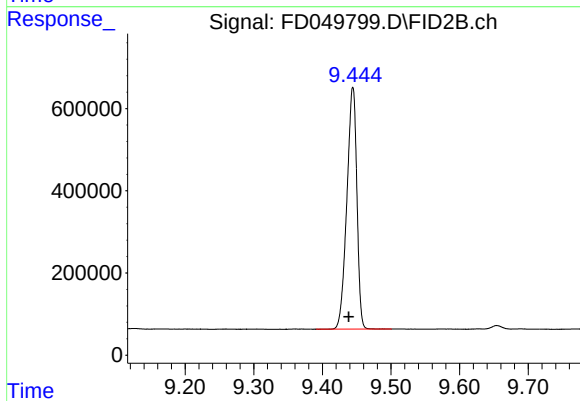
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.562 min
Delta R.T.: 0.003 min
Response: 3230599
Conc: 38.05 ug/ml



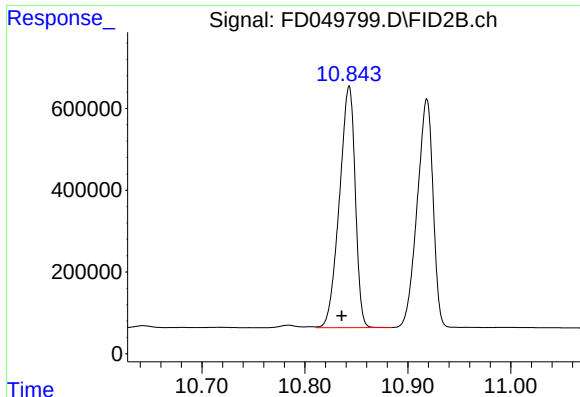
#7 Acenaphthene (C15.5)

R.T.: 8.662 min
Delta R.T.: 0.005 min
Response: 5532897
Conc: 38.00 ug/ml



#8 Fluorene (C16.55)

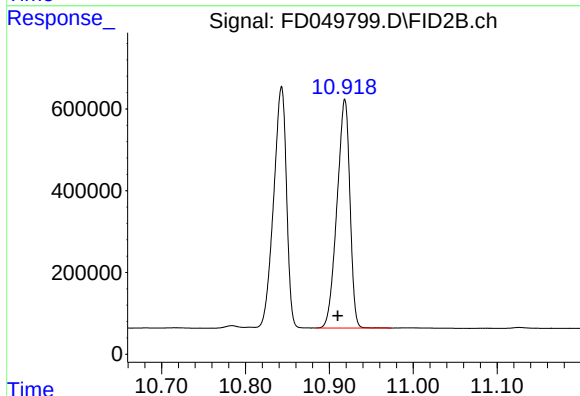
R.T.: 9.444 min
Delta R.T.: 0.006 min
Response: 5965633
Conc: 40.85 ug/ml



#9 Phenanthrene (C19.36)

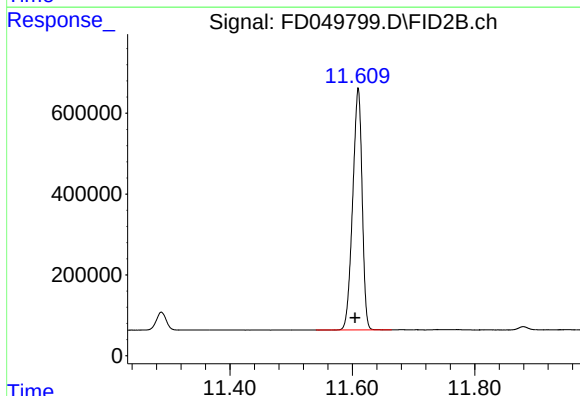
R.T.: 10.843 min
Delta R.T.: 0.007 min
Response: 6315834
Conc: 43.21 ug/ml

Instrument :
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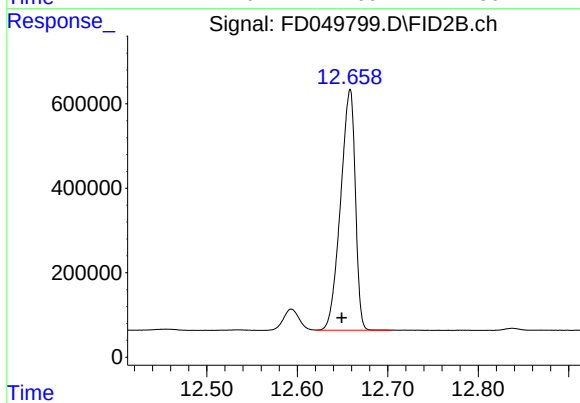
#10 Anthracene (C19.43)

R.T.: 10.918 min
Delta R.T.: 0.008 min
Response: 6009576
Conc: 44.22 ug/ml



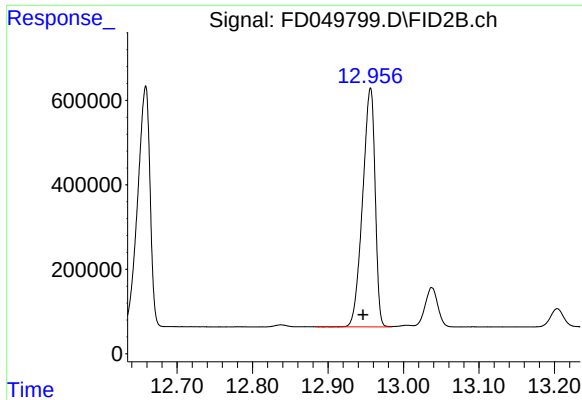
#11 ortho-Terphenyl (SURR)

R.T.: 11.609 min
Delta R.T.: 0.005 min
Response: 6400876
Conc: 42.88 ug/ml



#12 Fluoranthene (C21.85)

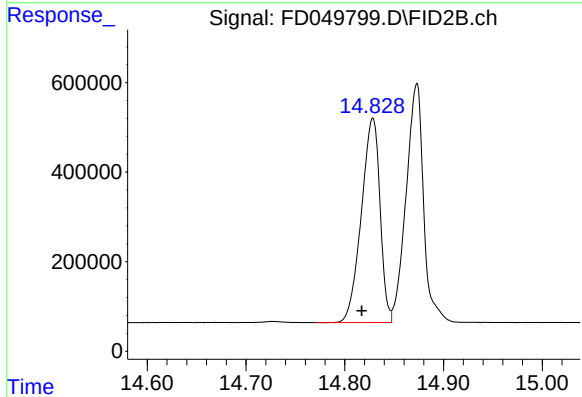
R.T.: 12.658 min
Delta R.T.: 0.008 min
Response: 6472807
Conc: 45.43 ug/ml



#13 Pyrene (C20.8)

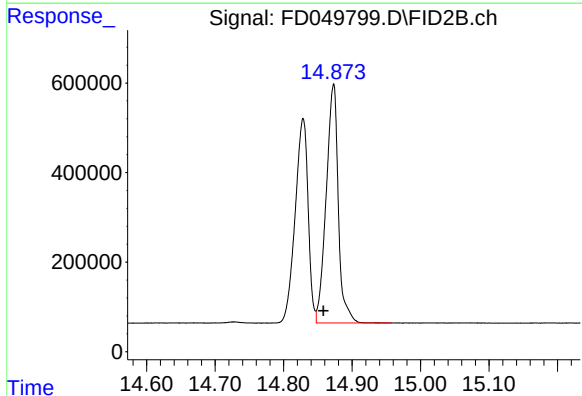
R.T.: 12.956 min
Delta R.T.: 0.009 min
Response: 6511421
Conc: 46.32 ug/ml

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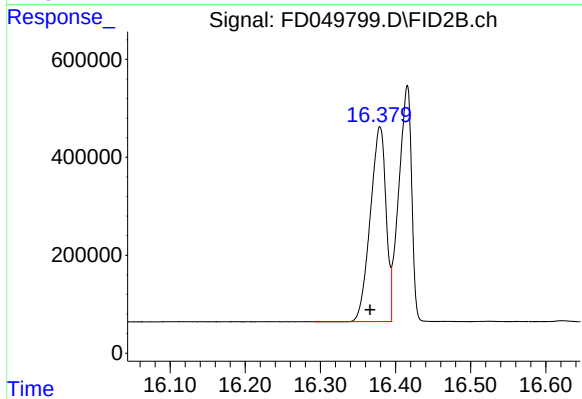
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.828 min
Delta R.T.: 0.011 min
Response: 5999041
Conc: 47.70 ug/ml



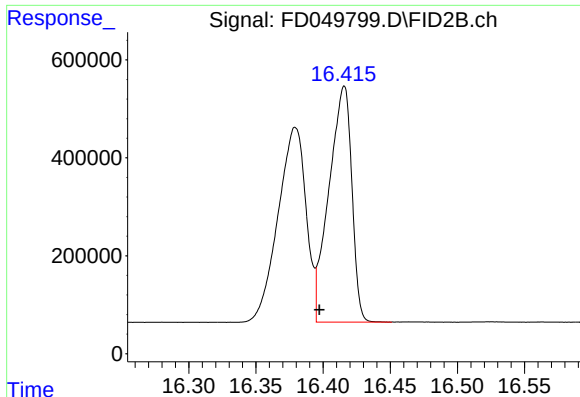
#15 Chrysene (C27.41)

R.T.: 14.872 min
Delta R.T.: 0.014 min
Response: 6570561
Conc: 51.14 ug/ml



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

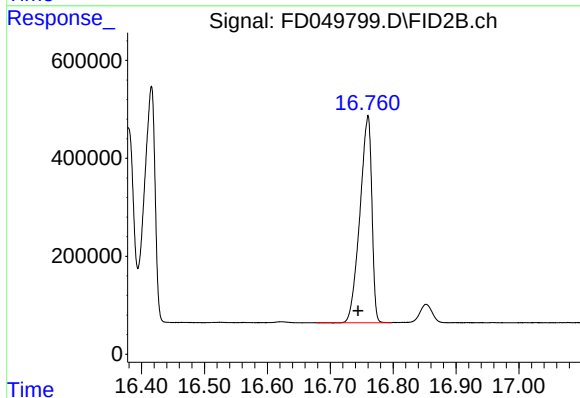
R.T.: 16.379 min
Delta R.T.: 0.013 min
Response: 5788391
Conc: 46.47 ug/ml



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

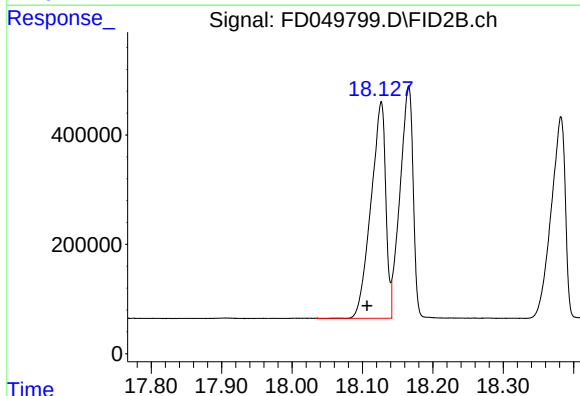
R.T.: 16.415 min
Delta R.T.: 0.018 min
Response: 5694759
Conc: 48.48 ug/ml

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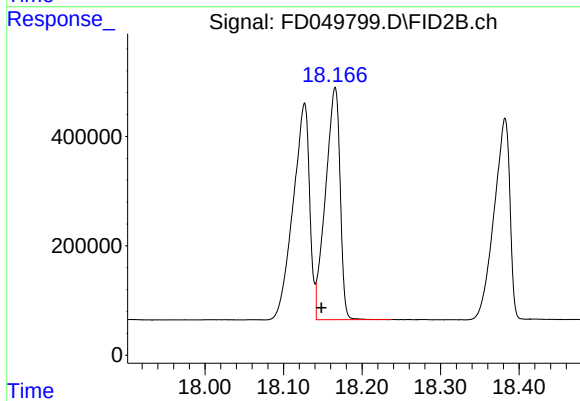
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.759 min
Delta R.T.: 0.015 min
Response: 5562863
Conc: 45.84 ug/ml



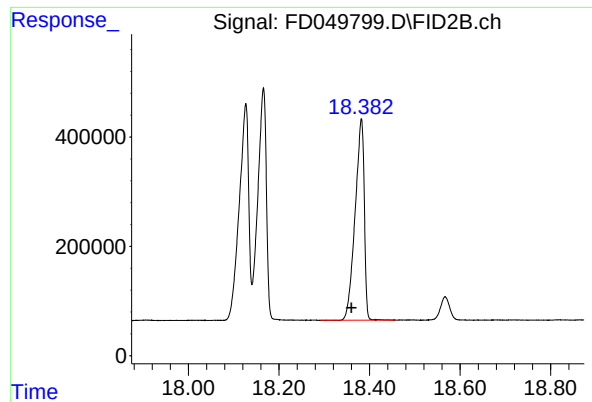
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.126 min
Delta R.T.: 0.019 min
Response: 5794620
Conc: 51.54 ug/ml



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

R.T.: 18.165 min
Delta R.T.: 0.016 min
Response: 5479816
Conc: 44.82 ug/ml



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

R.T.: 18.381 min
Delta R.T.: 0.021 min
Response: 5156465
Conc: 43.11 ug/ml

Instrument :

FID_D

ClientSampleId :

PB169950BS