

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060925AR\
 Data File : FD049417.D
 Signal(s) : FID2B.ch
 Acq On : 09 Jun 2025 17:37
 Operator : YP/AJ
 Sample : PB168324BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB168324BSD

Integration File: autoint1.e
 Quant Time: Jun 10 02:35:38 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...	7.733	5235013	31.492 ug/ml
Spiked Amount 50.000		Recovery =	62.98%
6) S 2-Fluorobiphenyl (SURR)	8.598	3547472	31.010 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	62.02%
11) S ortho-Terphenyl (SURR)	11.644	5354384	26.676 ug/ml
Spiked Amount 50.000		Recovery =	53.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.525	3225620	20.274 ug/ml
2) T Naphthalene (C11.7)	6.067	3770705	21.475 ug/ml
3) T 2-Methylnaphthalene (...)	7.121	3683509	20.619 ug/ml
5) T Acenaphthylene (C15.06)	8.401	4361706	22.516 ug/ml
7) T Acenaphthene (C15.5)	8.697	4385346	23.054 ug/ml
8) T Fluorene (C16.55)	9.479	4596241	23.508 ug/ml
9) T Phenanthrene (C19.36)	10.878	4729941	24.876 ug/ml
10) T Anthracene (C19.43)	10.953	4554391	26.052 ug/ml
12) T Fluoranthene (C21.85)	12.693	4803640	26.631 ug/ml
13) T Pyrene (C20.8)	12.991	4810183	26.951 ug/ml
14) T Benzo[a]anthracene (C...	14.863	4485779	29.514 ug/ml
15) T Chrysene (C27.41)	14.907	4951080	32.604 ug/ml
16) T benzo[b]fluoranthene ...	16.416	4552141	31.449 ug/ml
17) T Bnezo[k]fluoranthene ...	16.450	4524513	31.530 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.796	4380687	32.231 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.162	4507749	35.291 ug/ml
20) T Dibenz[a,h]anthracene...	18.200	4143409	30.777 ug/ml
21) T Benzo[g,h,i]perylene ...	18.418	4294233	31.860 ug/ml

(f)=RT Delta > 1/2 Window

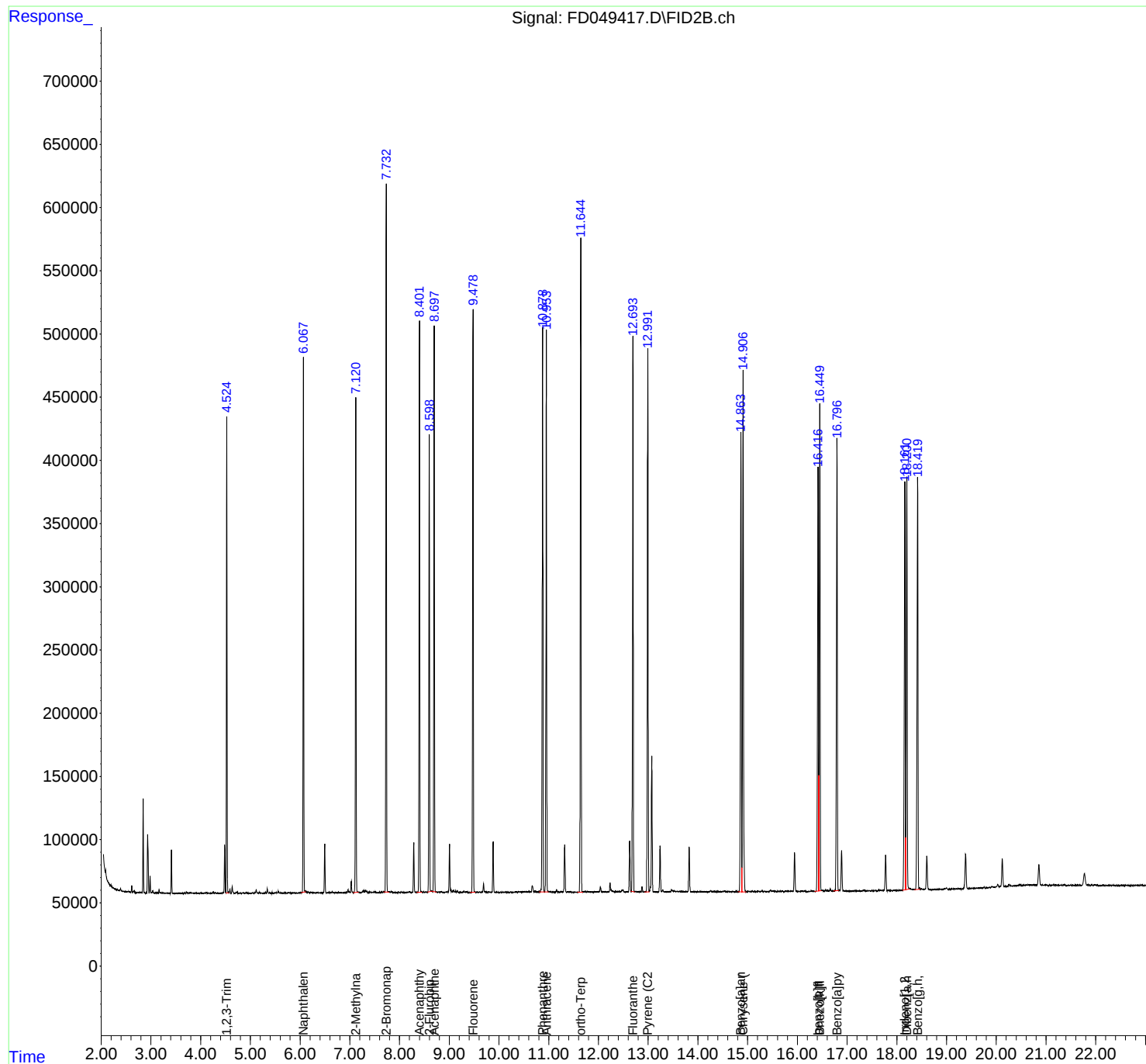
(m)=manual int.

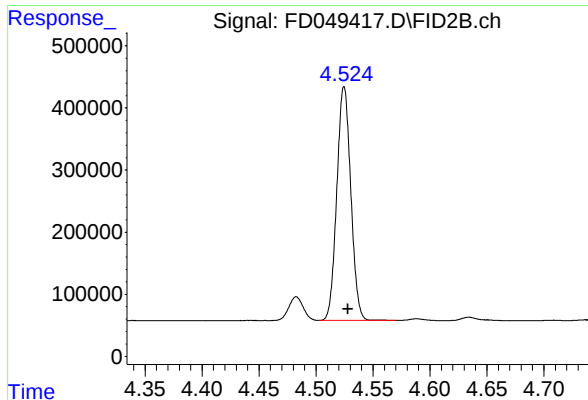
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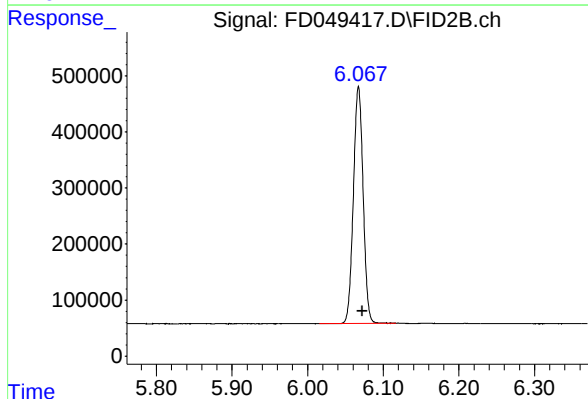




#1 1,2,3-Trimethylbenzene (C10.1)

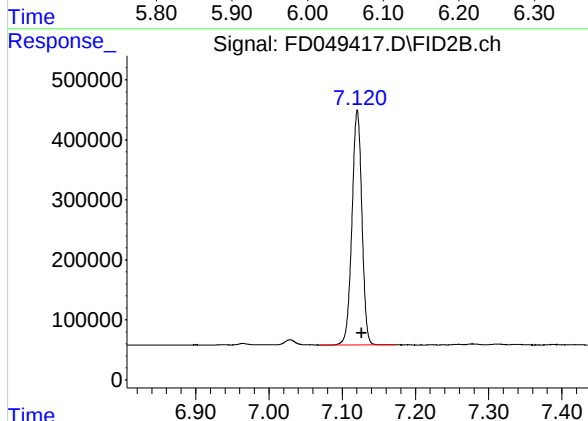
R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 3225620
Conc: 20.27 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168324BSD



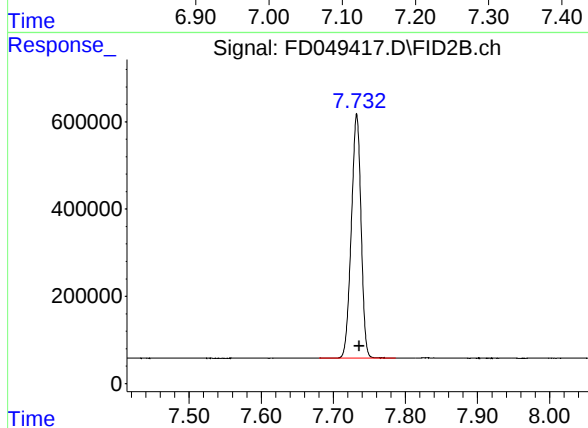
#2 Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: -0.005 min
Response: 3770705
Conc: 21.48 ug/ml



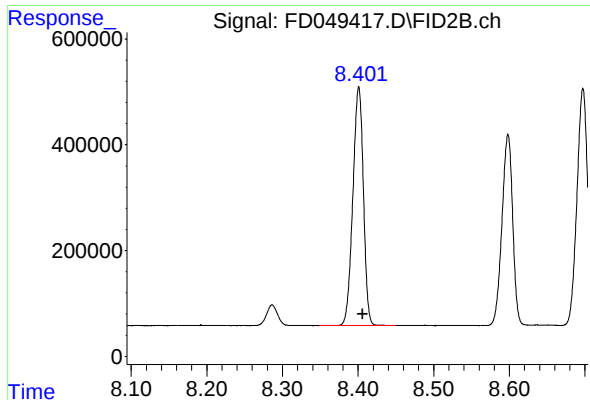
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.121 min
Delta R.T.: -0.006 min
Response: 3683509
Conc: 20.62 ug/ml



#4 2-Bromonaphthalene (SURR)

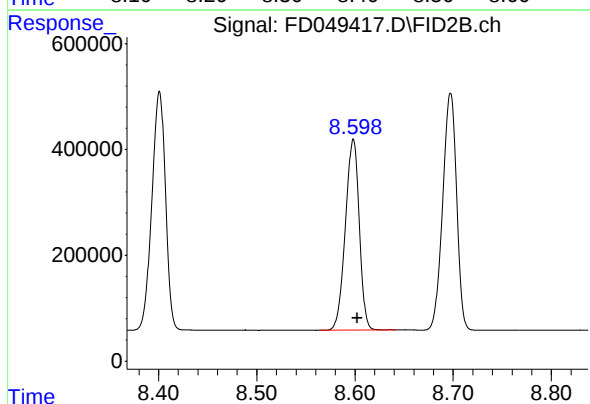
R.T.: 7.733 min
Delta R.T.: -0.004 min
Response: 5235013
Conc: 31.49 ug/ml



#5 Acenaphthylene (C15.06)

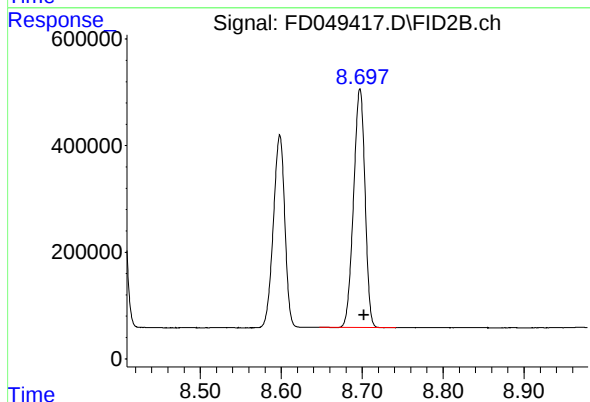
R.T.: 8.401 min
Delta R.T.: -0.005 min
Response: 4361706
Conc: 22.52 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168324BSD



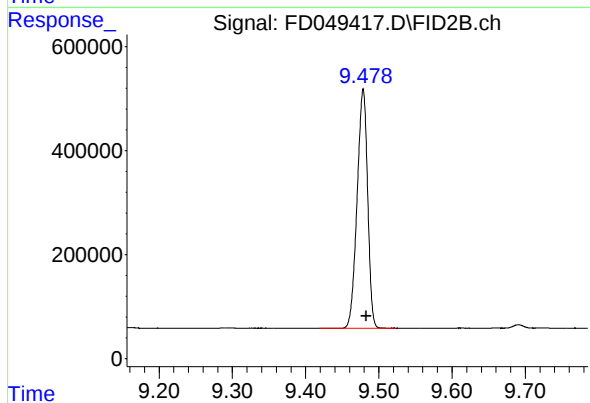
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.598 min
Delta R.T.: -0.004 min
Response: 3547472
Conc: 31.01 ug/ml



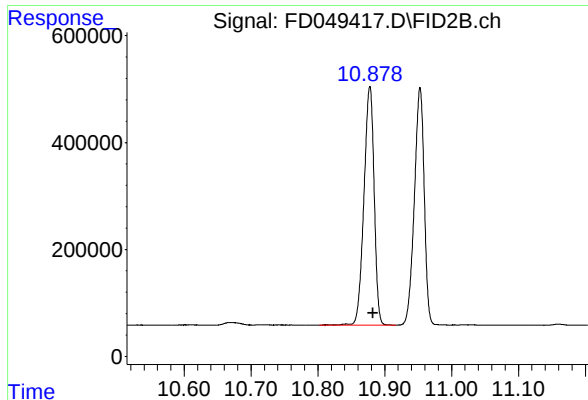
#7 Acenaphthene (C15.5)

R.T.: 8.697 min
Delta R.T.: -0.005 min
Response: 4385346
Conc: 23.05 ug/ml



#8 Fluorene (C16.55)

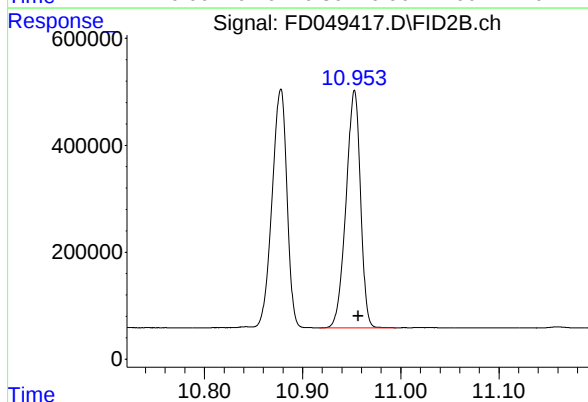
R.T.: 9.479 min
Delta R.T.: -0.004 min
Response: 4596241
Conc: 23.51 ug/ml



#9 Phenanthrene (C19.36)

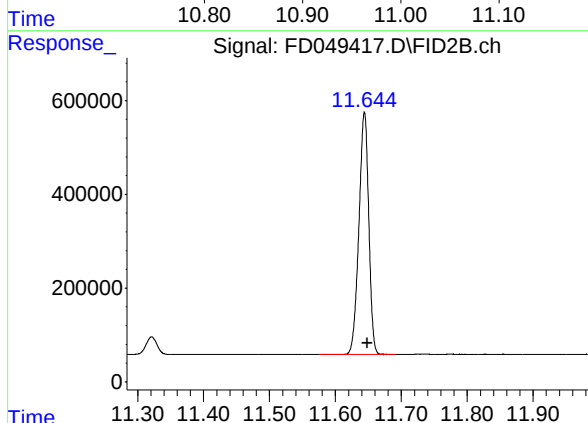
R.T.: 10.878 min
Delta R.T.: -0.004 min
Response: 4729941
Conc: 24.88 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168324BSD



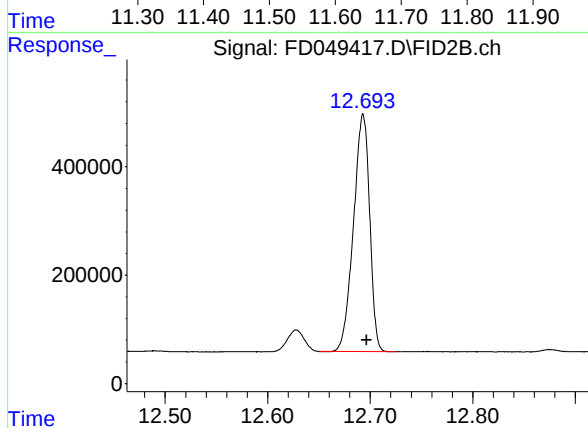
#10 Anthracene (C19.43)

R.T.: 10.953 min
Delta R.T.: -0.004 min
Response: 4554391
Conc: 26.05 ug/ml



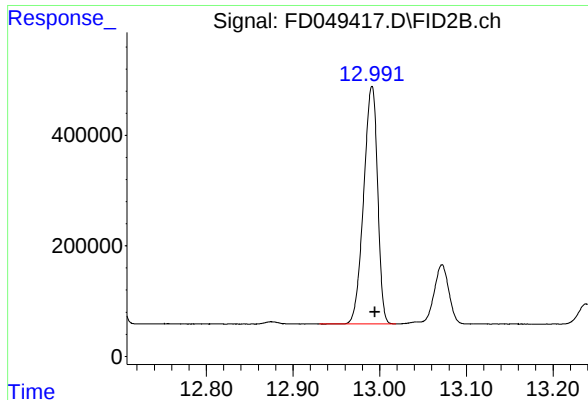
#11 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: -0.004 min
Response: 5354384
Conc: 26.68 ug/ml



#12 Fluoranthene (C21.85)

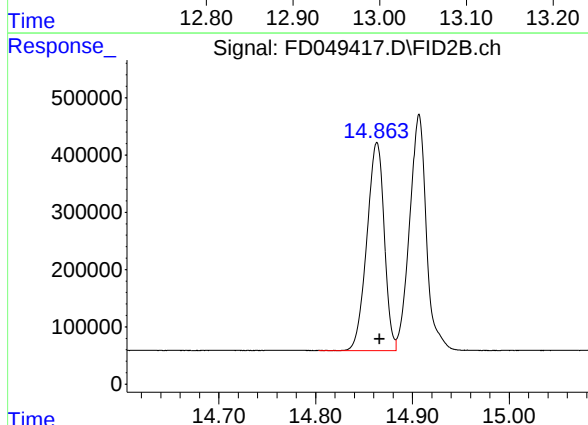
R.T.: 12.693 min
Delta R.T.: -0.003 min
Response: 4803640
Conc: 26.63 ug/ml



#13 Pyrene (C20.8)

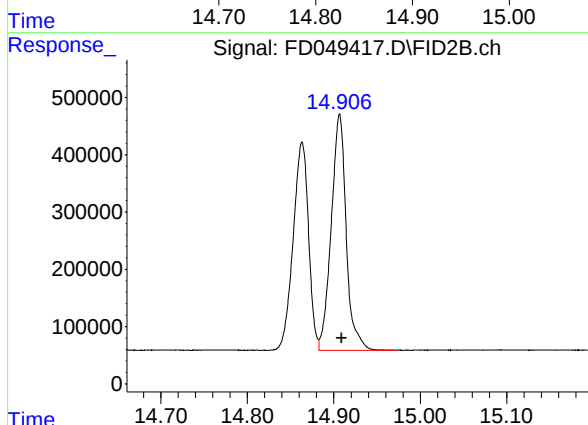
R.T.: 12.991 min
Delta R.T.: -0.004 min
Response: 4810183
Conc: 26.95 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168324BSD



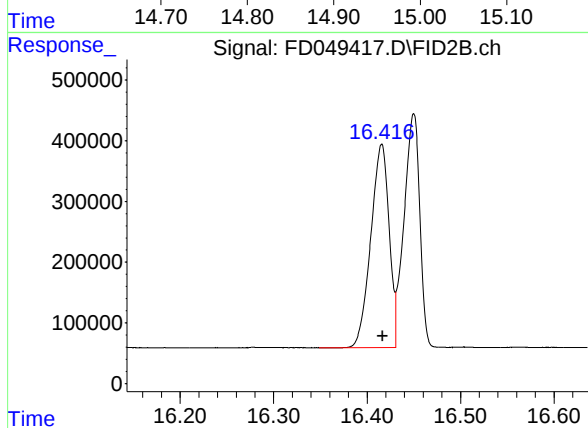
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.863 min
Delta R.T.: -0.003 min
Response: 4485779
Conc: 29.51 ug/ml



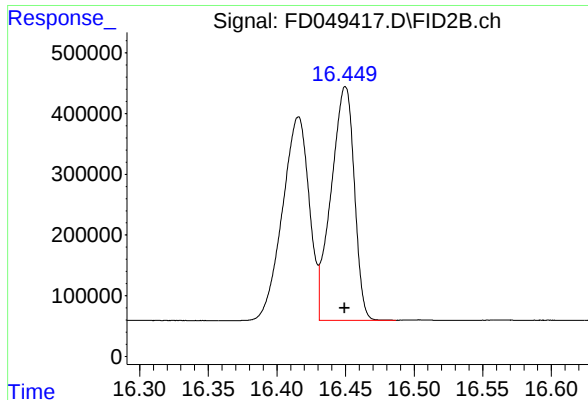
#15 Chrysene (C27.41)

R.T.: 14.907 min
Delta R.T.: -0.002 min
Response: 4951080
Conc: 32.60 ug/ml



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

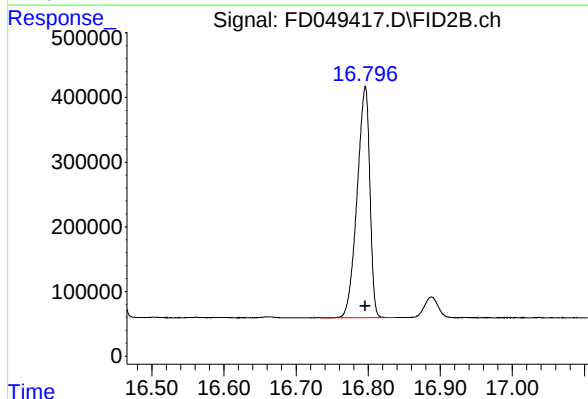
R.T.: 16.416 min
Delta R.T.: -0.001 min
Response: 4552141
Conc: 31.45 ug/ml



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

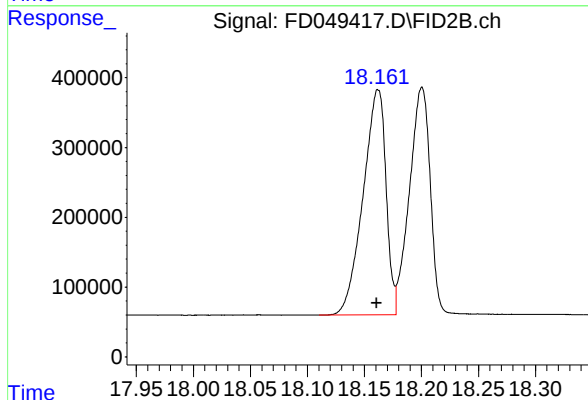
R.T.: 16.450 min
Delta R.T.: 0.000 min
Response: 4524513
Conc: 31.53 ug/ml

Instrument :
FID_D
ClientSampleId :
PB168324BSD



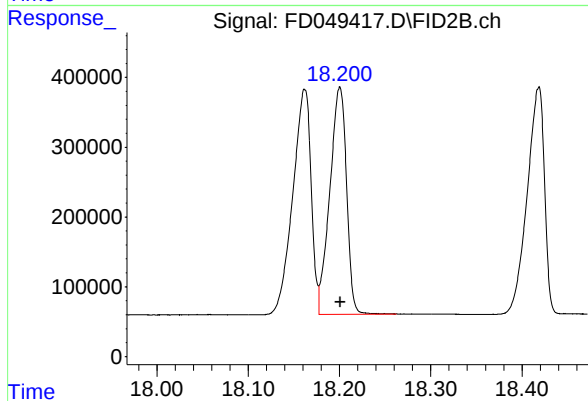
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.796 min
Delta R.T.: 0.000 min
Response: 4380687
Conc: 32.23 ug/ml



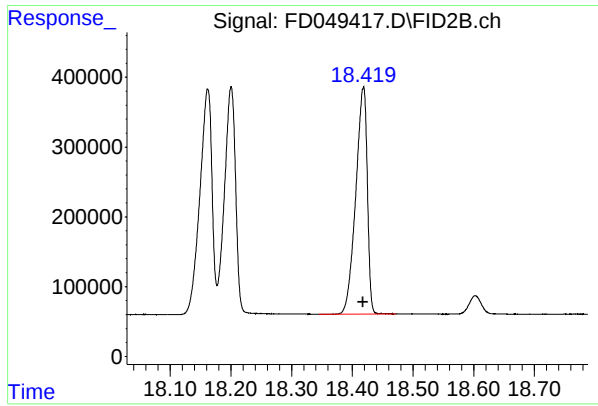
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.162 min
Delta R.T.: 0.001 min
Response: 4507749
Conc: 35.29 ug/ml



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

R.T.: 18.200 min
Delta R.T.: 0.000 min
Response: 4143409
Conc: 30.78 ug/ml



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

R.T.: 18.418 min
Delta R.T.: 0.000 min
Response: 4294233
Conc: 31.86 ug/ml

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ClientSampleId :
PB168324BSD