

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082225AR\
 Data File : FD049645.D
 Signal(s) : FID2B.ch
 Acq On : 22 Aug 2025 13:18
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: sample.E
 Quant Time: Aug 25 01:47:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 11 14:11:57 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...	7.714	2300416	22.446 ug/ml
Spiked Amount 50.000		Recovery =	44.89%
6) S 2-Fluorobiphenyl (SURR)	8.578	1625040	22.247 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.49%
11) S ortho-Terphenyl (SURR)	11.624	2881552	22.201 ug/ml
Spiked Amount 50.000		Recovery =	44.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.507	2203974	21.774 ug/ml
2) T Naphthalene (C11.7)	6.050	2547568	22.219 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2664885	22.339 ug/ml
5) T Acenaphthylene (C15.06)	8.382	2800771	22.279 ug/ml
7) T Acenaphthene (C15.5)	8.678	2821382	22.439 ug/ml
8) T Flouorene (C16.55)	9.459	2805741	22.161 ug/ml
9) T Phenanthrene (C19.36)	10.857	2779955	21.520 ug/ml
10) T Anthracene (C19.43)	10.932	2380488	19.323 ug/ml
12) T Fluoranthene (C21.85)	12.671	2736243	21.374 ug/ml
13) T Pyrene (C20.8)	12.969	2707937	21.328 ug/ml
14) T Benzo[a]anthracene (C...	14.841	2306772	19.990 ug/ml
15) T Chrysene (C27.41)	14.883	2397801	20.480 ug/ml
16) T benzo[b]fluoranthene ...	16.391	2312515	20.333 ug/ml
17) T Bnezo[k]fluoranthene ...	16.423	2165167	20.226 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.770	2177868	19.632 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.133	2037685	19.768 ug/ml
20) T Dibenz[a,h]anthracene...	18.174	2256505	20.702 ug/ml
21) T Benzo[g,h,i]perylene ...	18.389	2184110	19.987 ug/ml

(f)=RT Delta > 1/2 Window

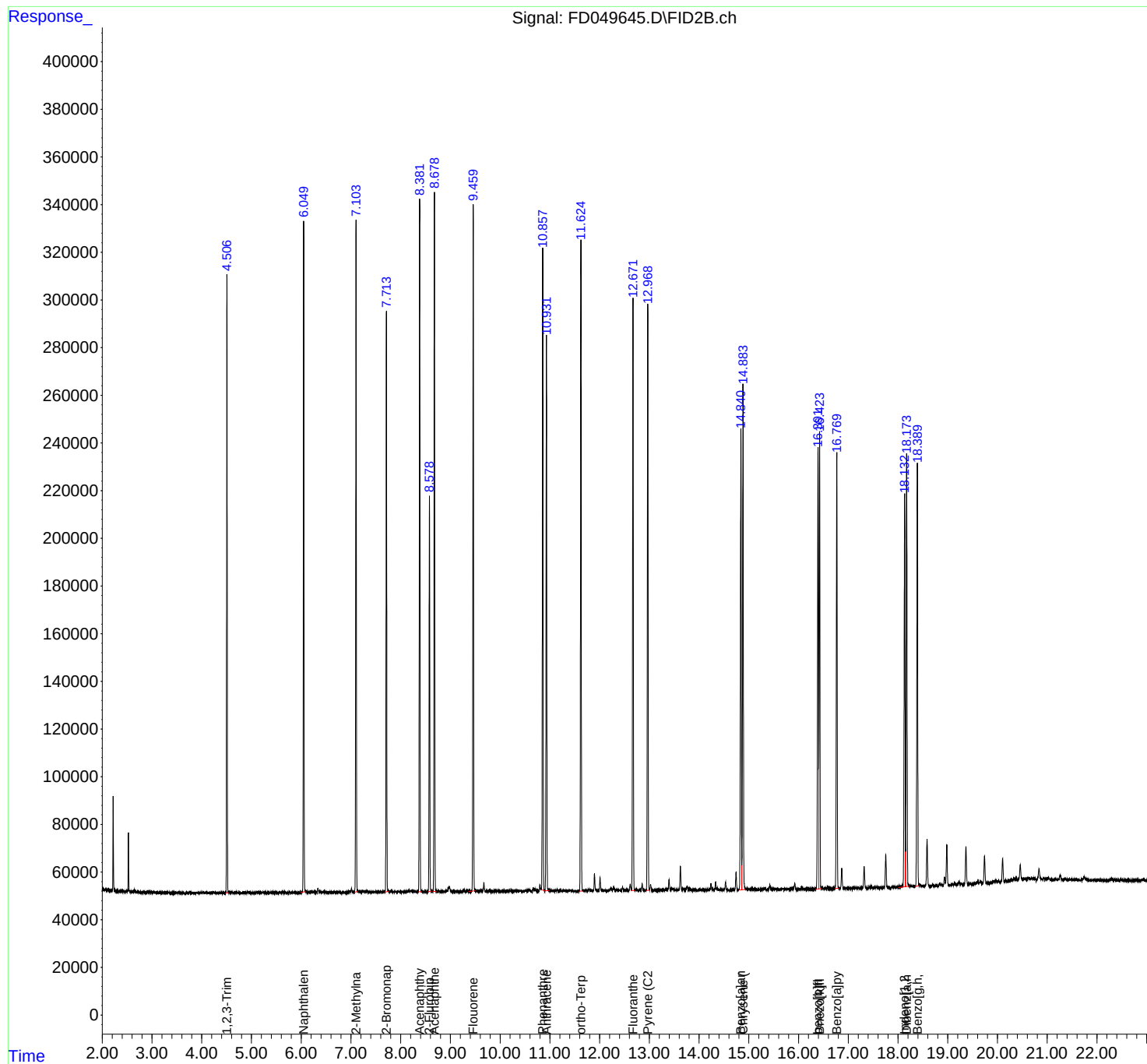
(m)=manual int.

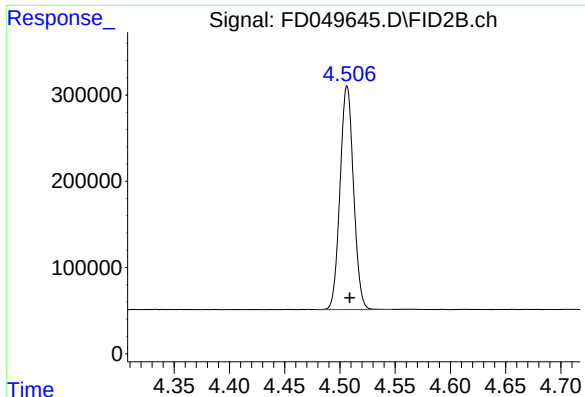
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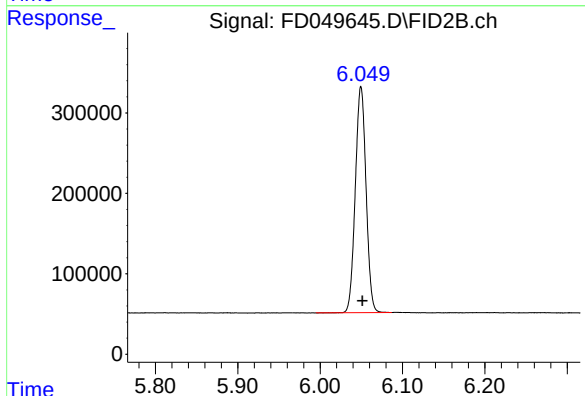




#1 1,2,3-Trimethylbenzene (C10.1)

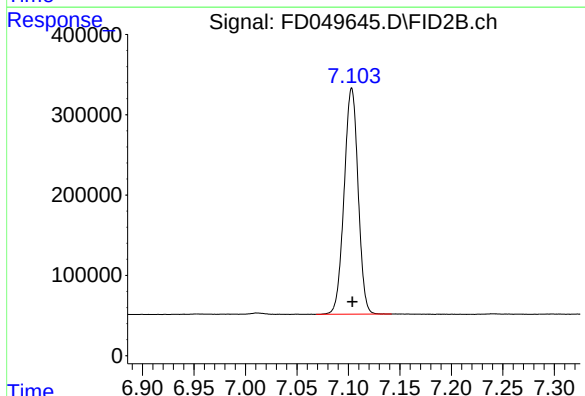
R.T.: 4.507 min
Delta R.T.: -0.002 min
Response: 2203974
Conc: 21.77 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



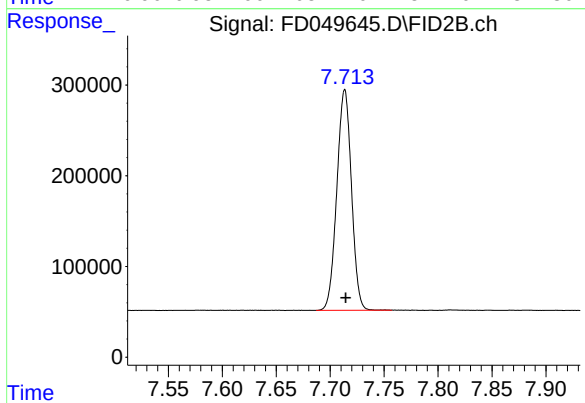
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 2547568
Conc: 22.22 ug/ml



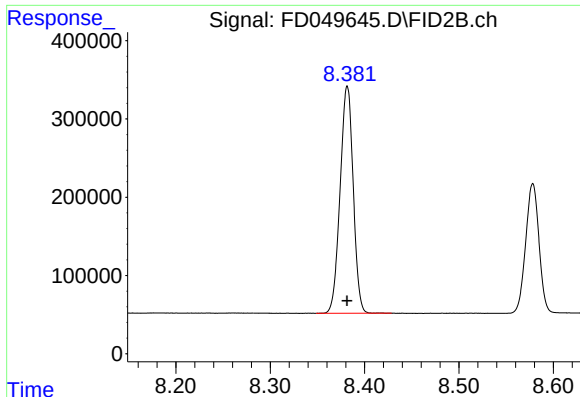
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 2664885
Conc: 22.34 ug/ml



#4 2-Bromonaphthalene (SURR)

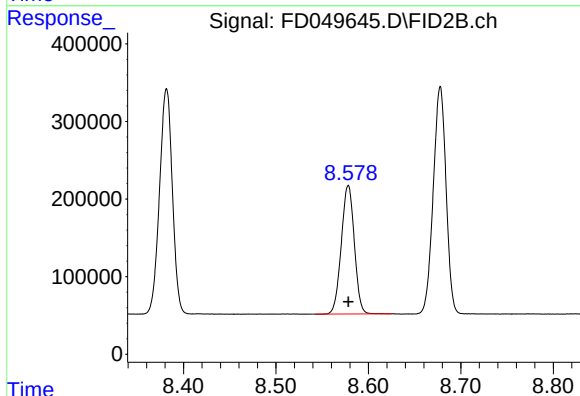
R.T.: 7.714 min
Delta R.T.: 0.000 min
Response: 2300416
Conc: 22.45 ug/ml



#5 Acenaphthylene (C15.06)

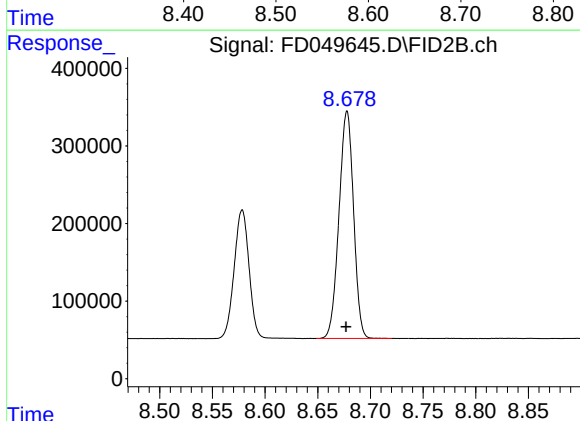
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 2800771
Conc: 22.28 ug/ml

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20 PPM AROMATIC HC STD



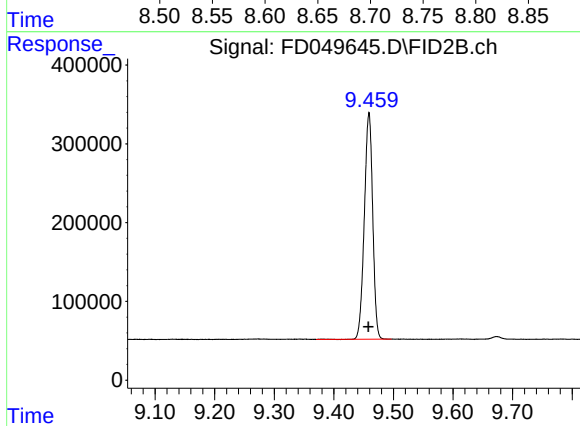
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 1625040
Conc: 22.25 ug/ml



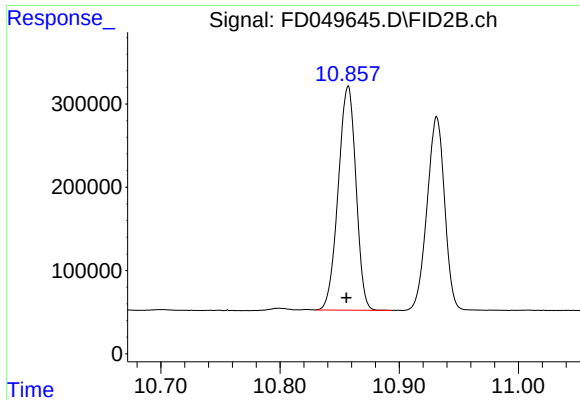
#7 Acenaphthene (C15.5)

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 2821382
Conc: 22.44 ug/ml



#8 Fluorene (C16.55)

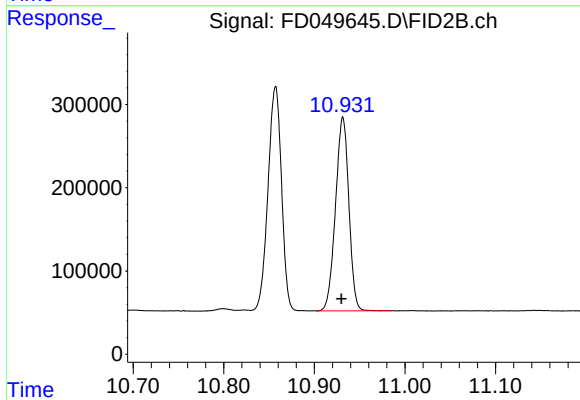
R.T.: 9.459 min
Delta R.T.: 0.001 min
Response: 2805741
Conc: 22.16 ug/ml



#9 Phenanthrene (C19.36)

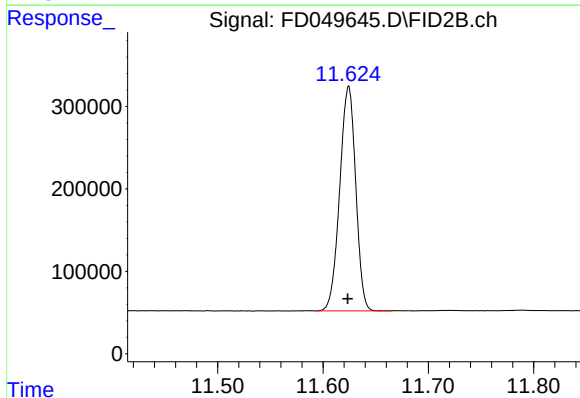
R.T.: 10.857 min
Delta R.T.: 0.002 min
Response: 2779955
Conc: 21.52 ug/ml

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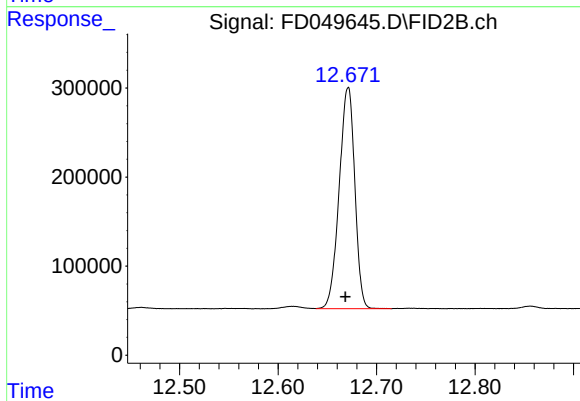
#10 Anthracene (C19.43)

R.T.: 10.932 min
Delta R.T.: 0.002 min
Response: 2380488
Conc: 19.32 ug/ml



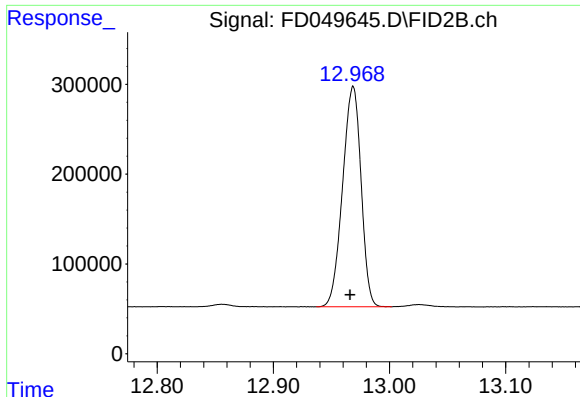
#11 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 2881552
Conc: 22.20 ug/ml



#12 Fluoranthene (C21.85)

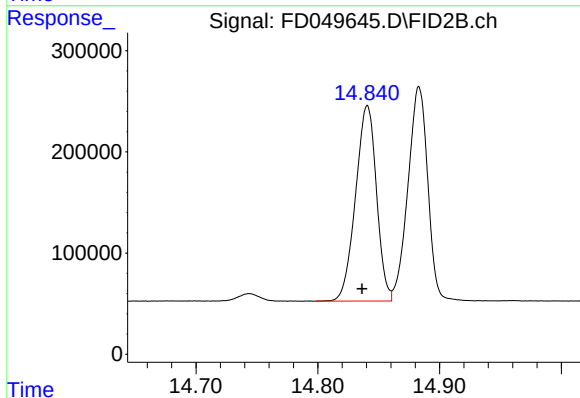
R.T.: 12.671 min
Delta R.T.: 0.003 min
Response: 2736243
Conc: 21.37 ug/ml



#13 Pyrene (C20.8)

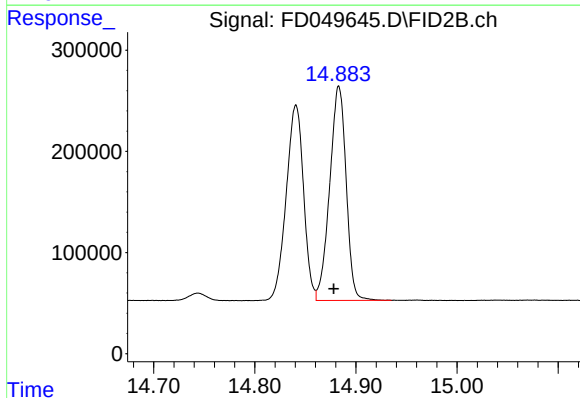
R.T.: 12.969 min
Delta R.T.: 0.003 min
Response: 2707937
Conc: 21.33 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



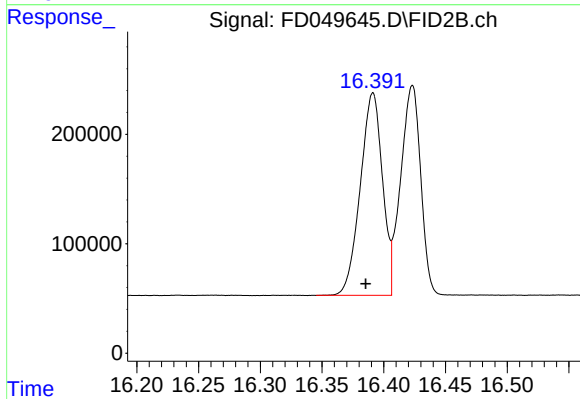
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.841 min
Delta R.T.: 0.004 min
Response: 2306772
Conc: 19.99 ug/ml



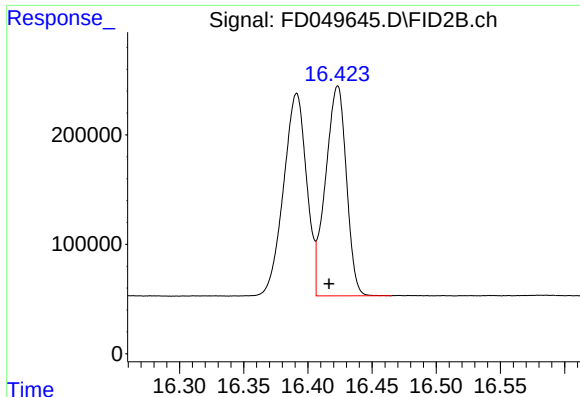
#15 Chrysene (C27.41)

R.T.: 14.883 min
Delta R.T.: 0.005 min
Response: 2397801
Conc: 20.48 ug/ml



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

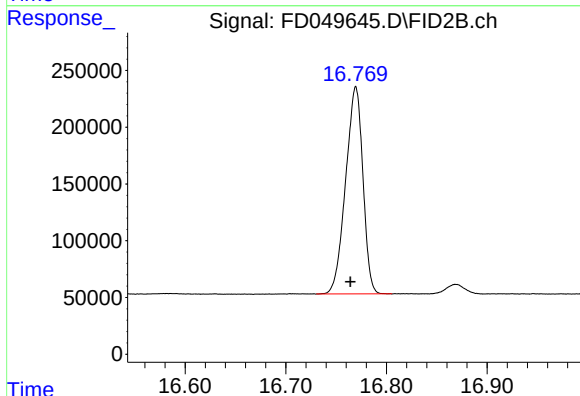
R.T.: 16.391 min
Delta R.T.: 0.006 min
Response: 2312515
Conc: 20.33 ug/ml



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

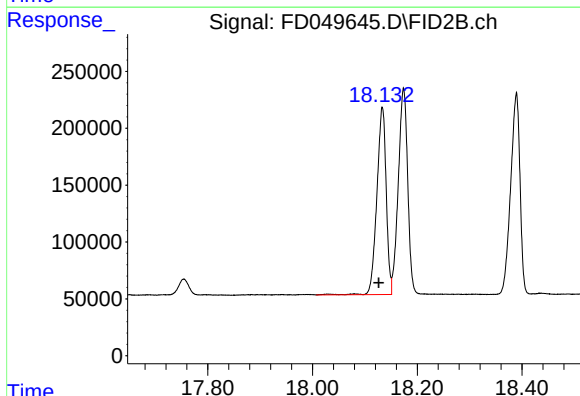
R.T.: 16.423 min
Delta R.T.: 0.007 min
Response: 2165167
Conc: 20.23 ug/ml

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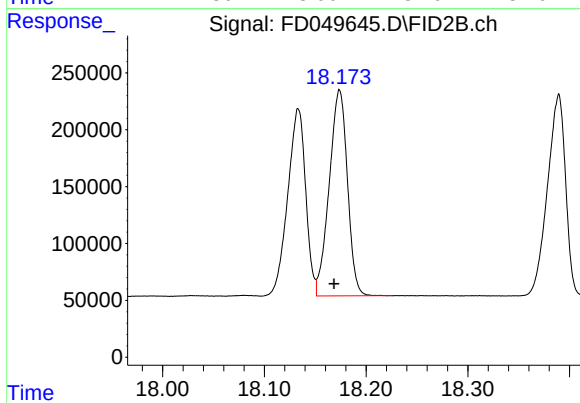
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.770 min
Delta R.T.: 0.005 min
Response: 2177868
Conc: 19.63 ug/ml



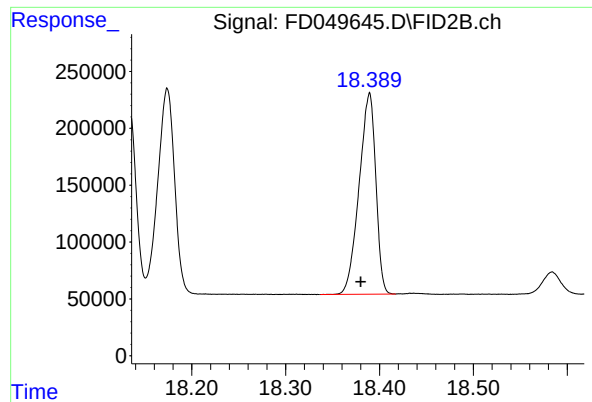
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.133 min
Delta R.T.: 0.007 min
Response: 2037685
Conc: 19.77 ug/ml



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

R.T.: 18.174 min
Delta R.T.: 0.005 min
Response: 2256505
Conc: 20.70 ug/ml



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

R.T.: 18.389 min
Delta R.T.: 0.009 min
Response: 2184110
Conc: 19.99 ug/ml

Instrument :

FID_D

ClientSampleId :

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