

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082322AR\
 Data File : FD043724.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2022 23:50
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 24 02:36:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 24 02:27:55 2022
 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...	7.488	1708999	9.961 ug/ml
Spiked Amount 50.000		Recovery =	19.92%
6) S 2-Fluorobiphenyl (SURR)	8.349	952971	8.957 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	17.91%
11) S ortho-Terphenyl (SURR)	11.375	2169022	10.603 ug/ml
Spiked Amount 50.000		Recovery =	21.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.288	2017558	10.234 ug/ml
2) T Naphthalene (C11.7)	5.828	2061303	10.294 ug/ml
3) T 2-Methylnaphthalene (...)	6.877	1842862	10.268 ug/ml
5) T Acenaphthylene (C15.06)	8.147	2043560	10.348 ug/ml
7) T Acenaphthene (C15.5)	8.437	2252272	10.848 ug/ml
8) T Flouorene (C16.55)	9.223	1965960	10.238 ug/ml
9) T Phenanthrene (C19.36)	10.616	1789753	9.812 ug/ml
10) T Anthracene (C19.43)	10.694	2103835	10.999 ug/ml
12) T Fluoranthene (C21.85)	12.423	1873965	10.312 ug/ml
13) T Pyrene (C20.8)	12.718	1925066	10.436 ug/ml
14) T Benzo[a]anthracene (C...	14.588	1384538	9.141 ug/ml
15) T Chrysene (C27.41)	14.630	2138279	11.687 ug/ml
16) T benzo[b]fluoranthene ...	16.132	1433828	9.592 ug/ml
17) T Bnezo[k]fluoranthene ...	16.164	1902735	11.467 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.520	1474236	10.129 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.881	927734	8.438 ug/ml
20) T Dibenz[a,h]anthracene...	17.920	1519920	10.703 ug/ml
21) T Benzo[g,h,i]perylene ...	18.127	1313591	10.172 ug/ml

(f)=RT Delta > 1/2 Window

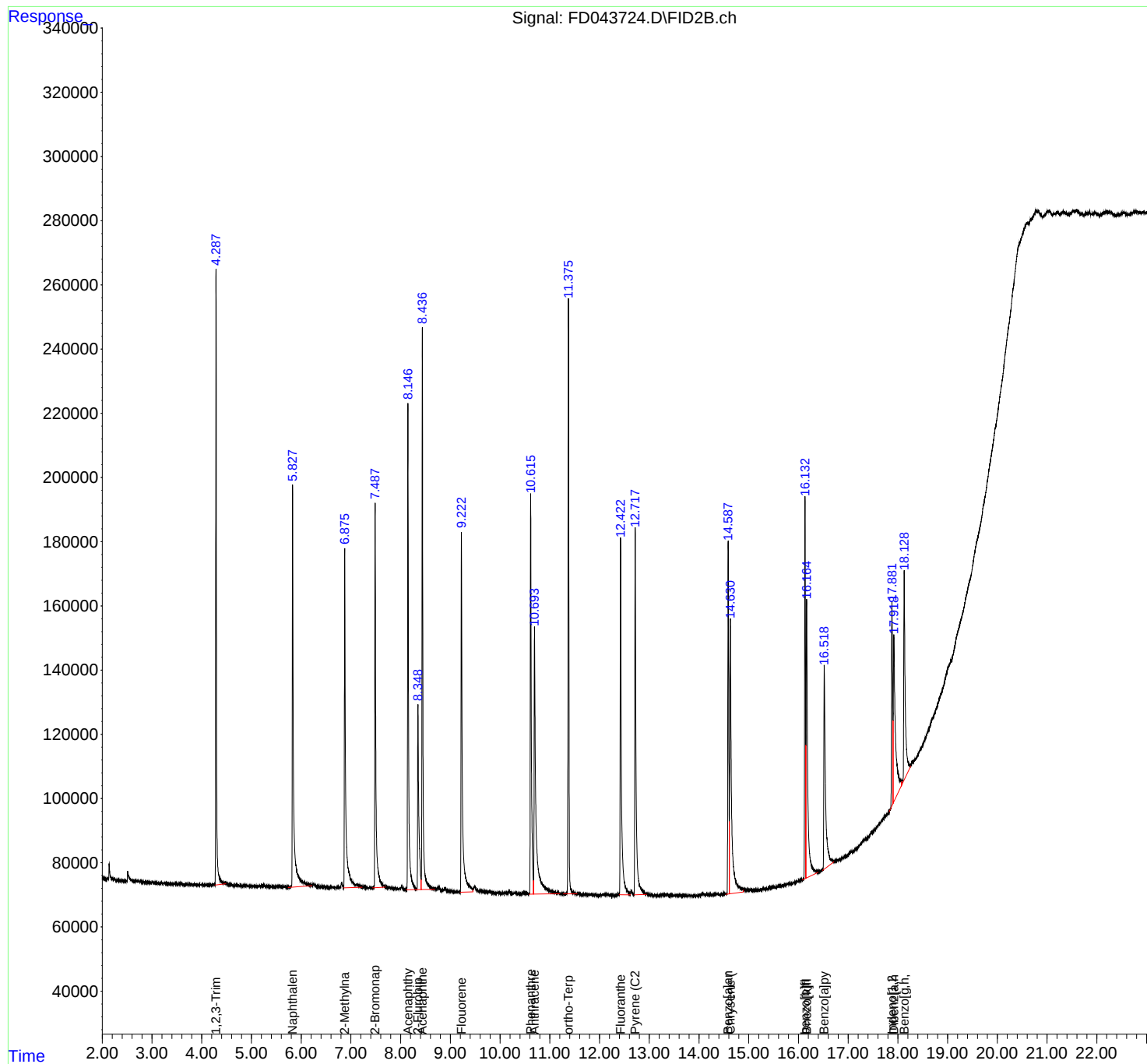
(m)=manual int.

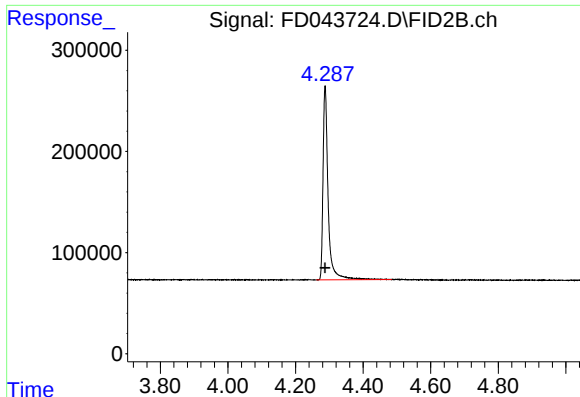
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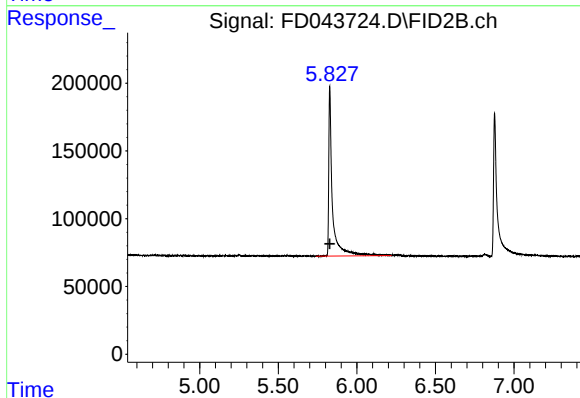




#1 1,2,3-Trimethylbenzene (C10.1)

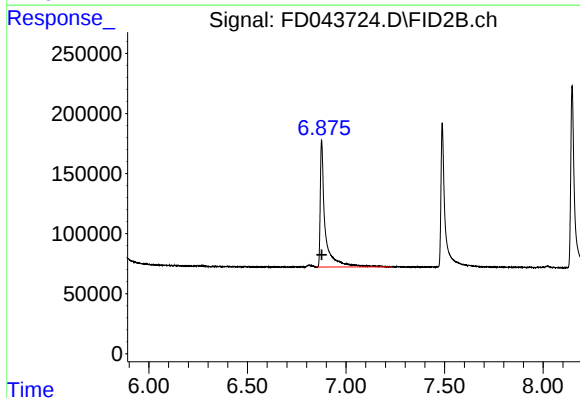
R.T.: 4.288 min
Delta R.T.: 0.000 min
Response: 2017558
Conc: 10.23 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



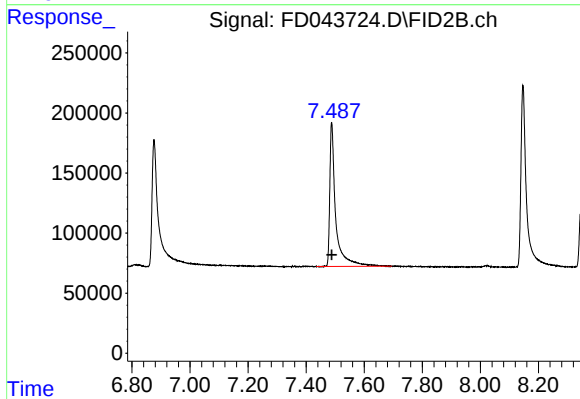
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 2061303
Conc: 10.29 ug/ml



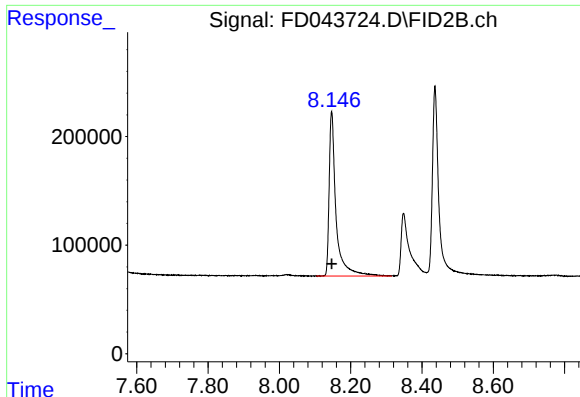
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 1842862
Conc: 10.27 ug/ml



#4 2-Bromonaphthalene (SURR)

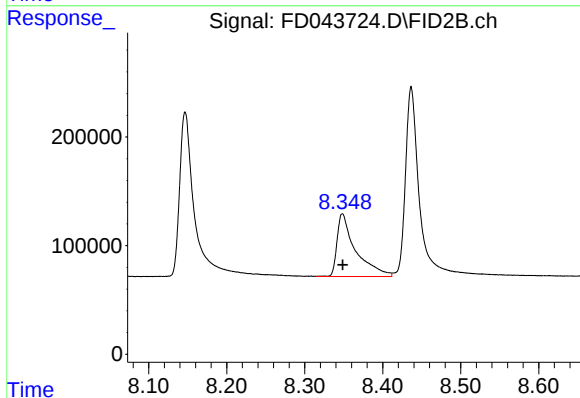
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 1708999
Conc: 9.96 ug/ml



#5 Acenaphthylene (C15.06)

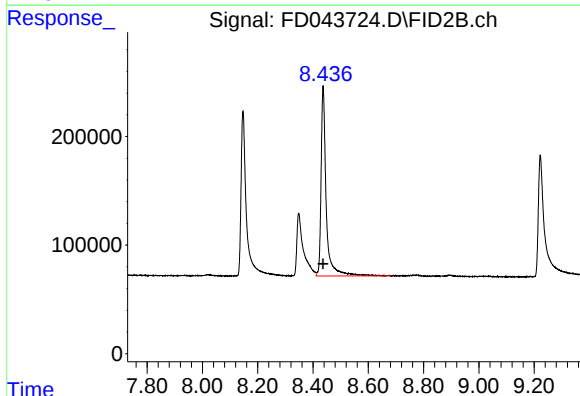
R.T.: 8.147 min
Delta R.T.: 0.000 min
Response: 2043560
Conc: 10.35 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



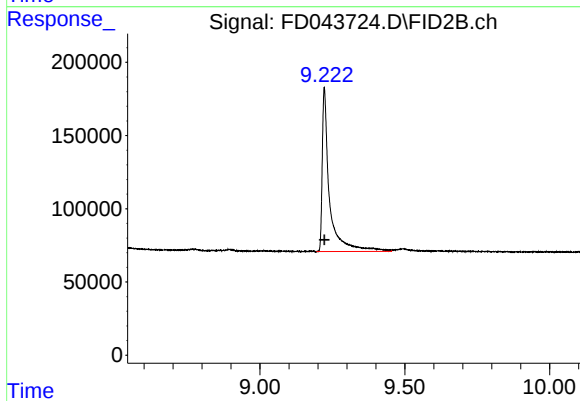
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 952971
Conc: 8.96 ug/ml



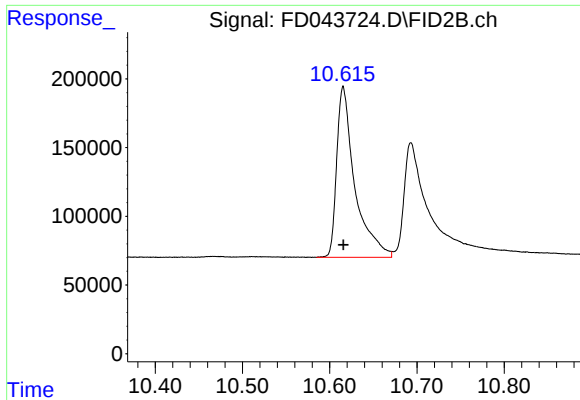
#7 Acenaphthene (C15.5)

R.T.: 8.437 min
Delta R.T.: 0.000 min
Response: 2252272
Conc: 10.85 ug/ml



#8 Flouorene (C16.55)

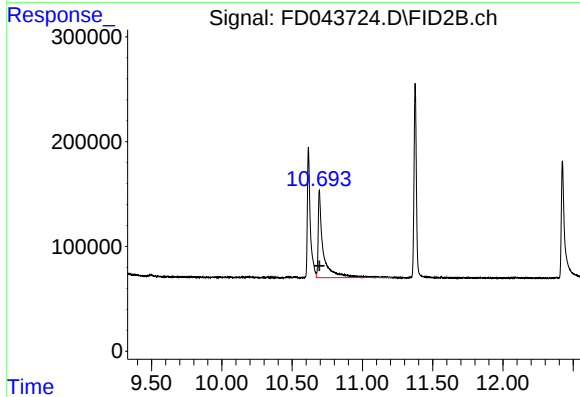
R.T.: 9.223 min
Delta R.T.: 0.000 min
Response: 1965960
Conc: 10.24 ug/ml



#9 Phenanthrene (C19.36)

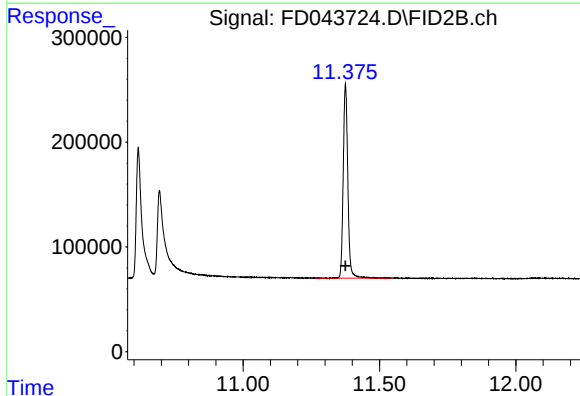
R.T.: 10.616 min
Delta R.T.: 0.000 min
Response: 1789753
Conc: 9.81 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



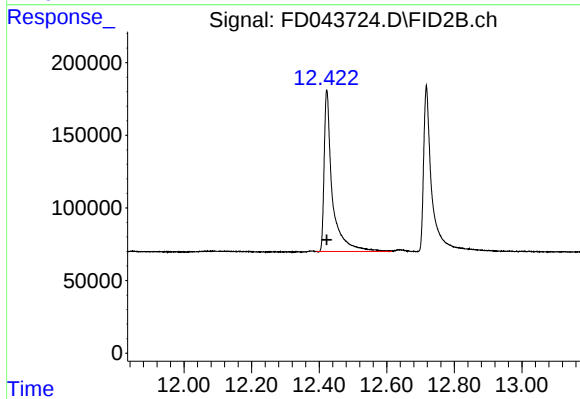
#10 Anthracene (C19.43)

R.T.: 10.694 min
Delta R.T.: 0.000 min
Response: 2103835
Conc: 11.00 ug/ml



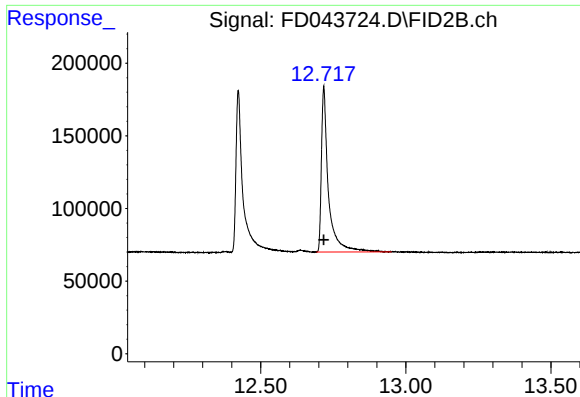
#11 ortho-Terphenyl (SURR)

R.T.: 11.375 min
Delta R.T.: 0.000 min
Response: 2169022
Conc: 10.60 ug/ml



#12 Fluoranthene (C21.85)

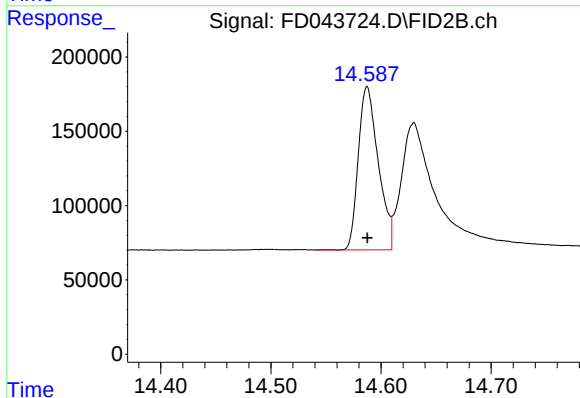
R.T.: 12.423 min
Delta R.T.: 0.000 min
Response: 1873965
Conc: 10.31 ug/ml



#13 Pyrene (C20.8)

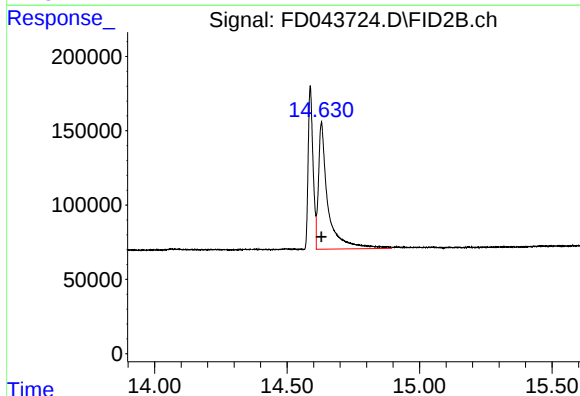
R.T.: 12.718 min
Delta R.T.: 0.000 min
Response: 1925066
Conc: 10.44 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



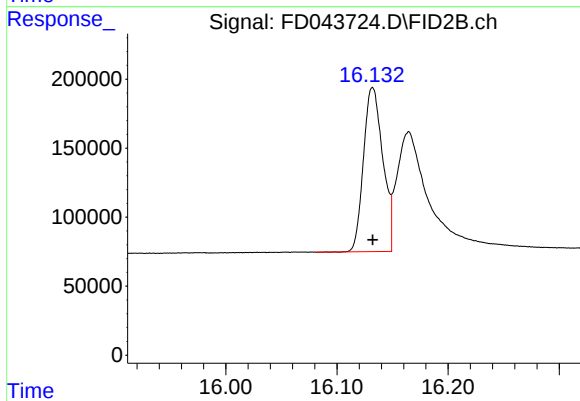
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.588 min
Delta R.T.: 0.000 min
Response: 1384538
Conc: 9.14 ug/ml



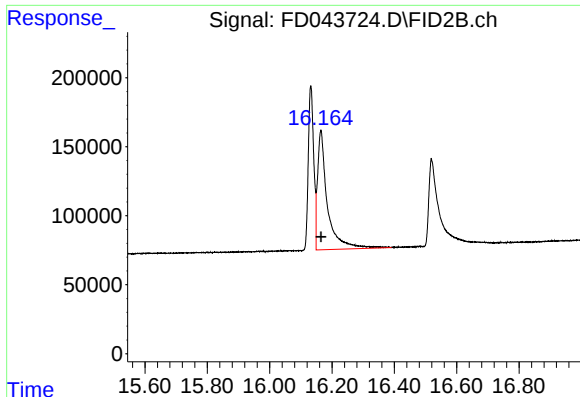
#15 Chrysene (C27.41)

R.T.: 14.630 min
Delta R.T.: 0.000 min
Response: 2138279
Conc: 11.69 ug/ml



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

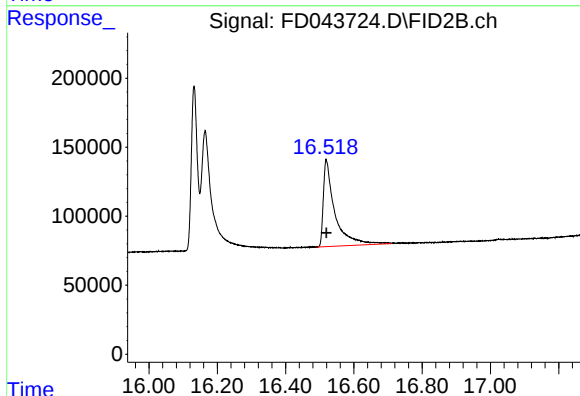
R.T.: 16.132 min
Delta R.T.: 0.000 min
Response: 1433828
Conc: 9.59 ug/ml



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

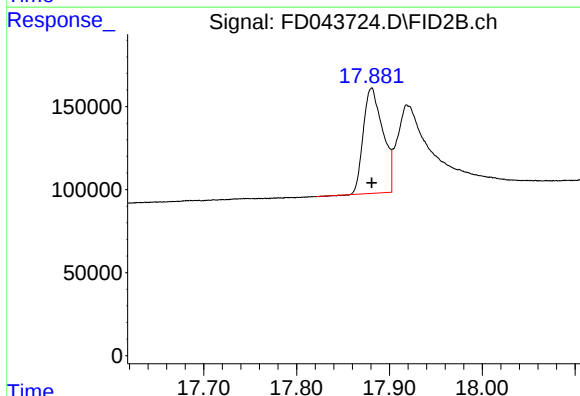
R.T.: 16.164 min
Delta R.T.: 0.000 min
Response: 1902735
Conc: 11.47 ug/ml

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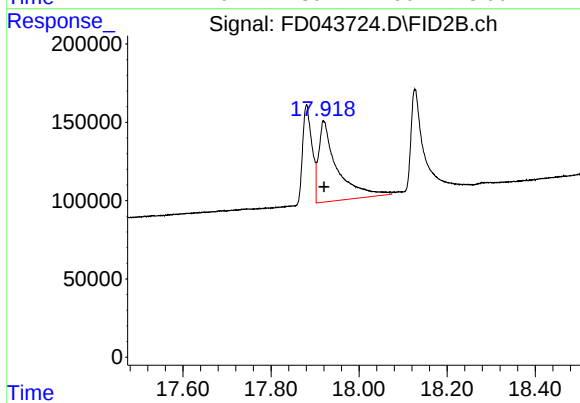
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.520 min
Delta R.T.: 0.000 min
Response: 1474236
Conc: 10.13 ug/ml



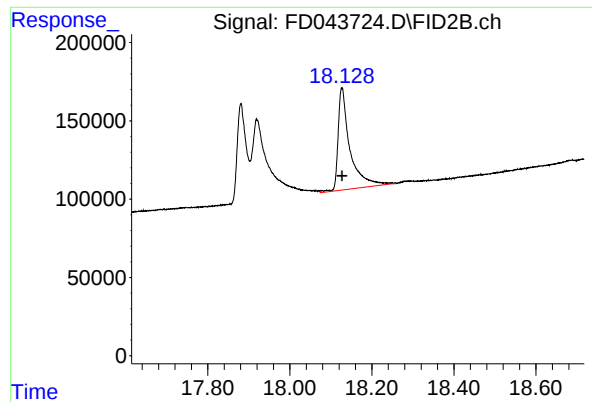
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.881 min
Delta R.T.: 0.000 min
Response: 927734
Conc: 8.44 ug/ml



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

R.T.: 17.920 min
Delta R.T.: 0.000 min
Response: 1519920
Conc: 10.70 ug/ml



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

R.T.: 18.127 min
Delta R.T.: 0.000 min
Response: 1313591
Conc: 10.17 ug/ml

Instrument :
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ClientSampleId :
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