

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062423AR\
 Data File : FD045960.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2023 23:12
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Jun 25 04:25:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:23:37 2023
 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...	7.518	4325870	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.374	2791408	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.413	5089700	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.330	4988412	20.000 ug/ml
2) T Naphthalene (C11.7)	5.858	5105744	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	5068497	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.178	4409318	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.473	4740329	20.000 ug/ml
8) T Fluorene (C16.55)	9.252	4549114	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.641	4284924	20.000 ug/ml
10) T Anthracene (C19.43)	10.715	3396490	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.445	4069996	20.000 ug/ml
13) T Pyrene (C20.8)	12.739	3916242	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.603	3582385	20.000 ug/ml
15) T Chrysene (C27.41)	14.646	3752477	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.146	3763994	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.179	3729956	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.522	3644566	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.879	3677537	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	17.921	3722401	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.133	3754990	20.000 ug/ml

(f)=RT Delta > 1/2 Window

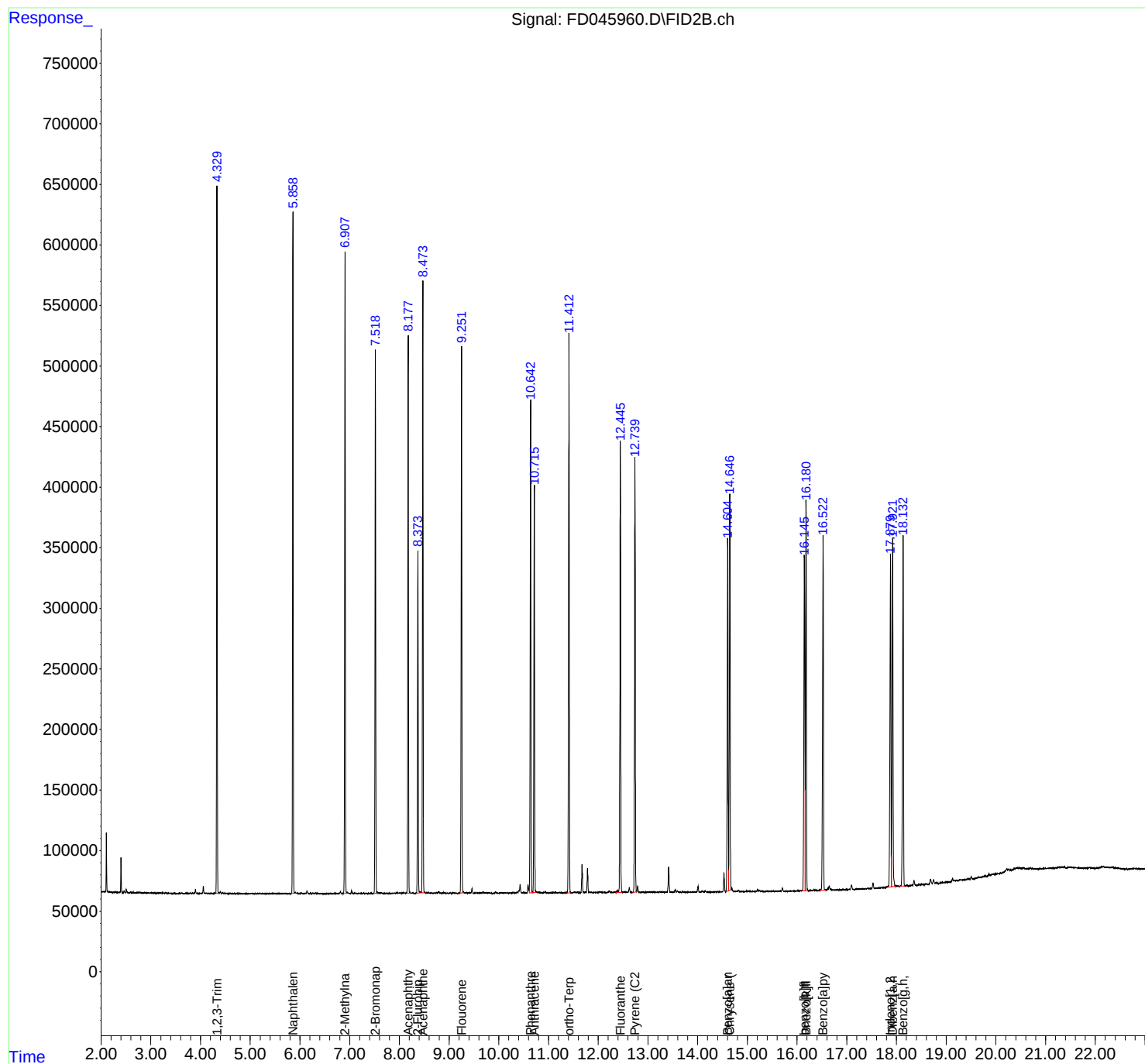
(m)=manual int.

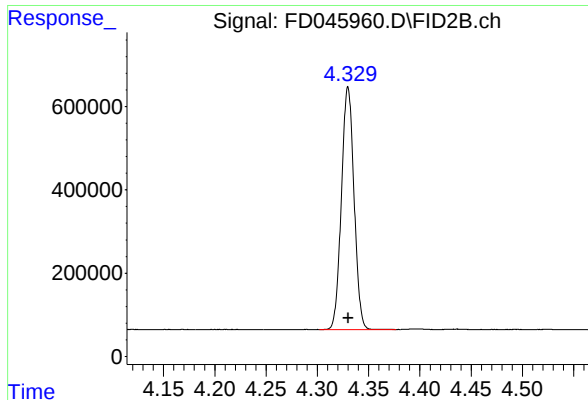
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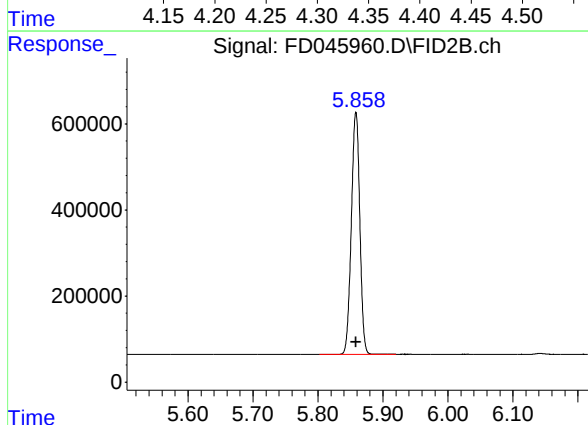




#1 1,2,3-Trimethylbenzene (C10.1)

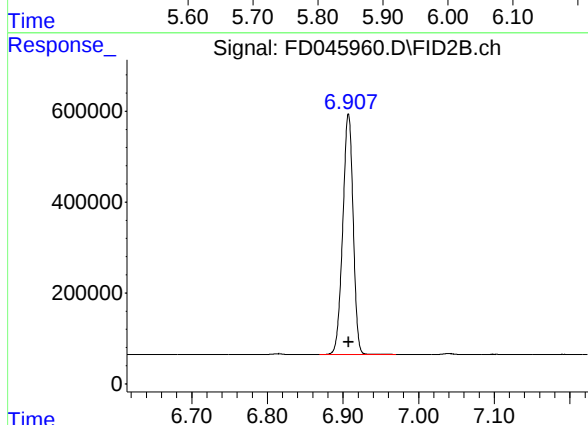
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 4988412
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



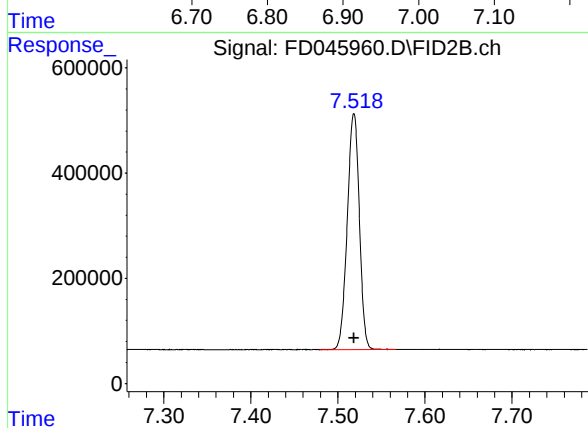
#2 Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 5105744
Conc: 20.00 ug/ml



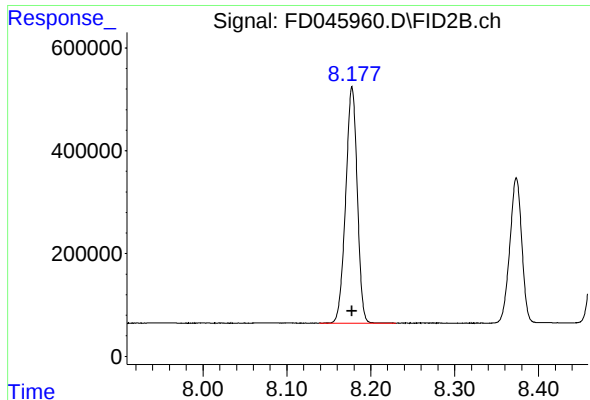
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 5068497
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

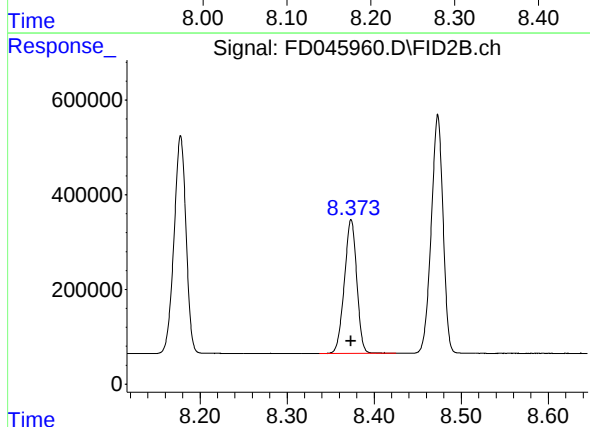
R.T.: 7.518 min
Delta R.T.: 0.000 min
Response: 4325870
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

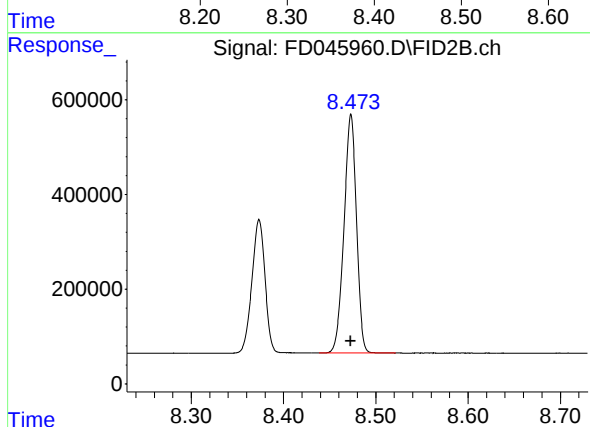
R.T.: 8.178 min
Delta R.T.: 0.000 min
Response: 4409318
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



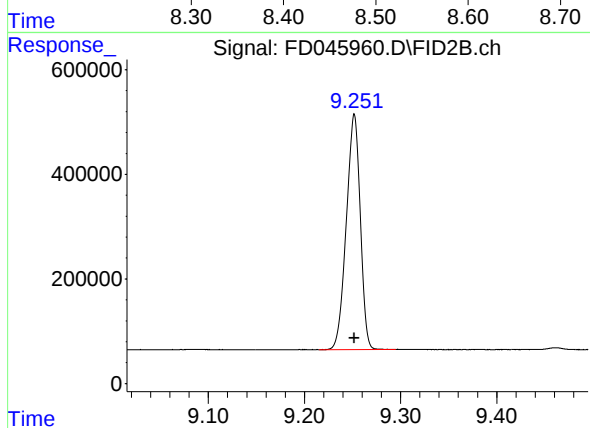
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 2791408
Conc: 20.00 ug/ml



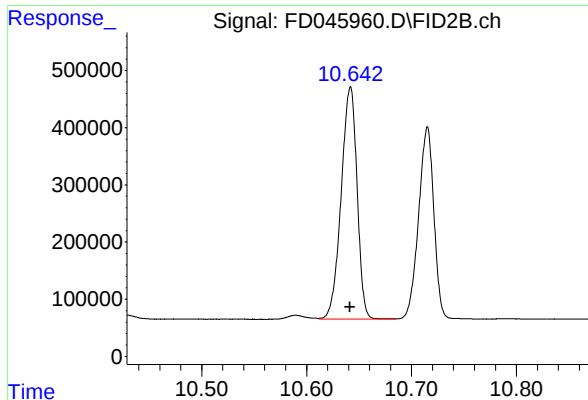
#7 Acenaphthene (C15.5)

R.T.: 8.473 min
Delta R.T.: 0.000 min
Response: 4740329
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

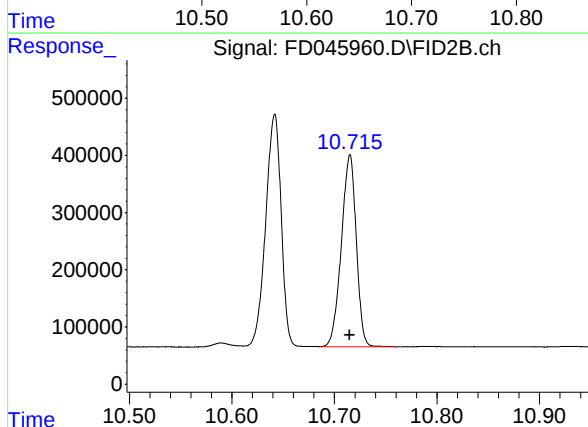
R.T.: 9.252 min
Delta R.T.: 0.000 min
Response: 4549114
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

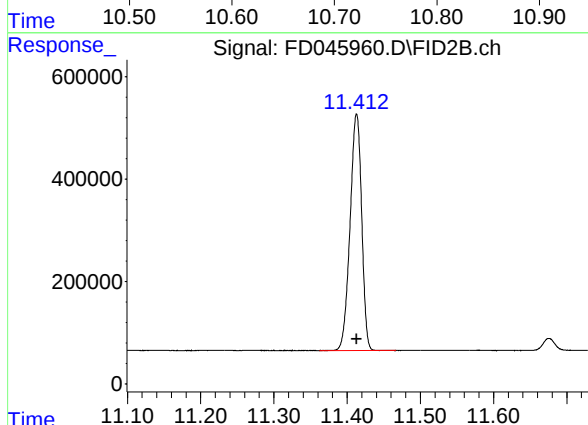
R.T.: 10.641 min
Delta R.T.: 0.000 min
Response: 4284924
Conc: 20.00 ug/ml

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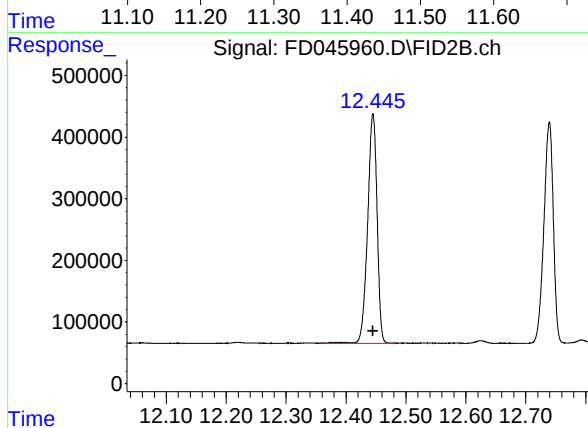
#10 Anthracene (C19.43)

R.T.: 10.715 min
Delta R.T.: 0.000 min
Response: 3396490
Conc: 20.00 ug/ml



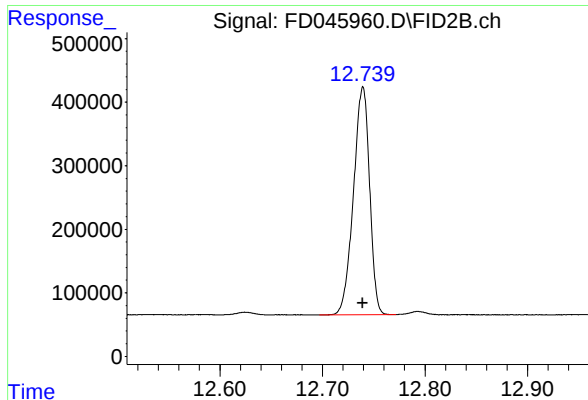
#11 ortho-Terphenyl (SURR)

R.T.: 11.413 min
Delta R.T.: 0.000 min
Response: 5089700
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

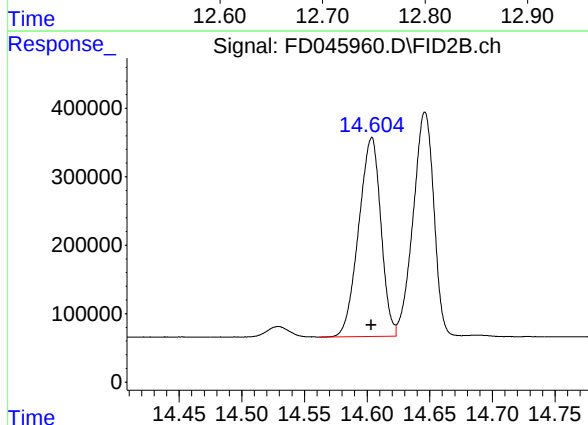
R.T.: 12.445 min
Delta R.T.: 0.000 min
Response: 4069996
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

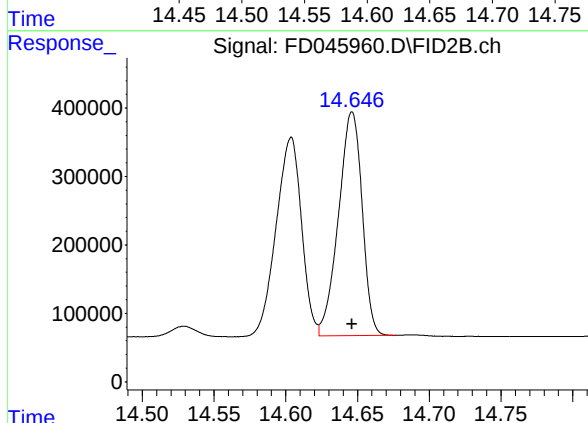
R.T.: 12.739 min
Delta R.T.: 0.000 min
Response: 3916242
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



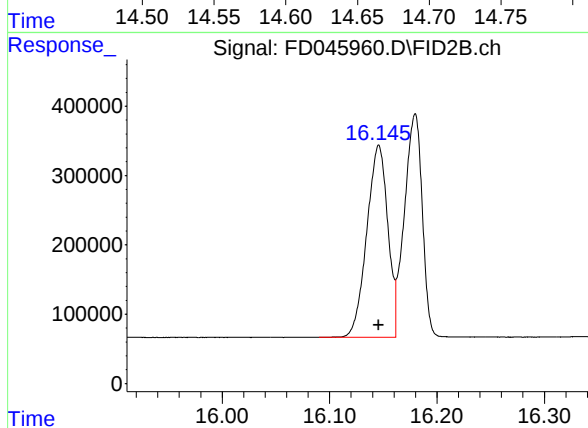
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.603 min
Delta R.T.: 0.000 min
Response: 3582385
Conc: 20.00 ug/ml



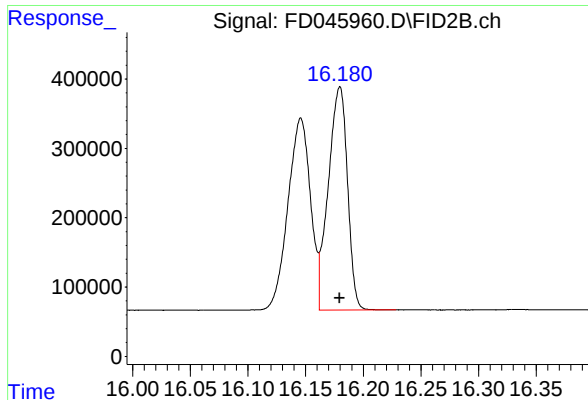
#15 Chrysene (C27.41)

R.T.: 14.646 min
Delta R.T.: 0.000 min
Response: 3752477
Conc: 20.00 ug/ml



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

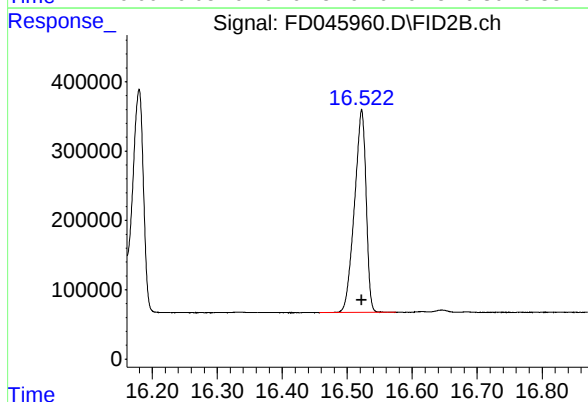
R.T.: 16.146 min
Delta R.T.: 0.000 min
Response: 3763994
Conc: 20.00 ug/ml



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

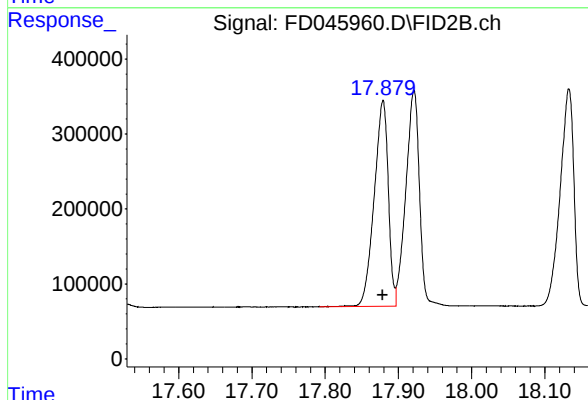
R.T.: 16.179 min
Delta R.T.: 0.000 min
Response: 3729956
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD3



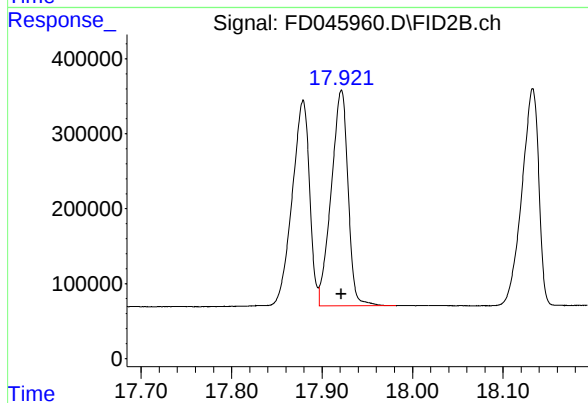
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.522 min
Delta R.T.: 0.000 min
Response: 3644566
Conc: 20.00 ug/ml



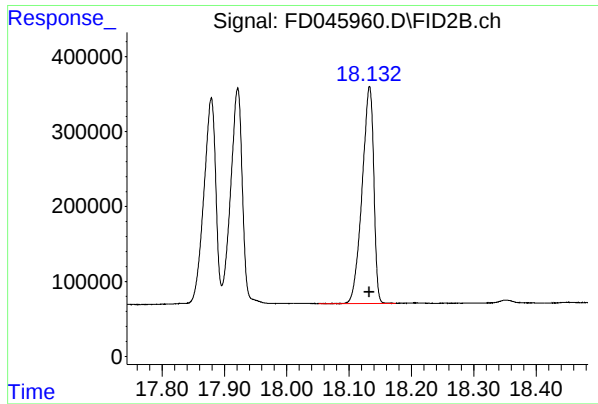
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.879 min
Delta R.T.: 0.000 min
Response: 3677537
Conc: 20.00 ug/ml



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

R.T.: 17.921 min
Delta R.T.: 0.000 min
Response: 3722401
Conc: 20.00 ug/ml



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

R.T.: 18.133 min
Delta R.T.: 0.000 min
Response: 3754990
Conc: 20.00 ug/ml

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