

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042924AR\
 Data File : FD047610.D
 Signal(s) : FID2B.ch
 Acq On : 29 Apr 2024 15:19
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Apr 29 16:15:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 16:08:55 2024
 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...	7.458	1651201	10.525 ug/ml
Spiked Amount 50.000		Recovery =	21.05%
6) S 2-Fluorobiphenyl (SURR)	8.313	1091274	10.329 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.66%
11) S ortho-Terphenyl (SURR)	11.351	1993290	10.734 ug/ml
Spiked Amount 50.000		Recovery =	21.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	1707777	10.546 ug/ml
2) T Naphthalene (C11.7)	5.796	1774405	10.440 ug/ml
3) T 2-Methylnaphthalene (...)	6.846	1785454	10.434 ug/ml
5) T Acenaphthylene (C15.06)	8.115	1774483	10.850 ug/ml
7) T Acenaphthene (C15.5)	8.409	1770725	10.500 ug/ml
8) T Flouorene (C16.55)	9.189	1746948	10.472 ug/ml
9) T Phenanthrene (C19.36)	10.579	1711349	10.386 ug/ml
10) T Anthracene (C19.43)	10.653	1567914	10.420 ug/ml
12) T Fluoranthene (C21.85)	12.384	1746492	10.511 ug/ml
13) T Pyrene (C20.8)	12.678	1719126	10.595 ug/ml
14) T Benzo[a]anthracene (C...	14.545	1534328	10.387 ug/ml
15) T Chrysene (C27.41)	14.587	1670830	10.603 ug/ml
16) T benzo[b]fluoranthene ...	16.091	1574357	10.451 ug/ml
17) T Bnezo[k]fluoranthene ...	16.122	1610855	10.723 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.468	1531587	10.525 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.829	1402022	10.115 ug/ml
20) T Dibenz[a,h]anthracene...	17.869	1546915	10.938 ug/ml
21) T Benzo[g,h,i]perylene ...	18.079	1446426	10.405 ug/ml

(f)=RT Delta > 1/2 Window

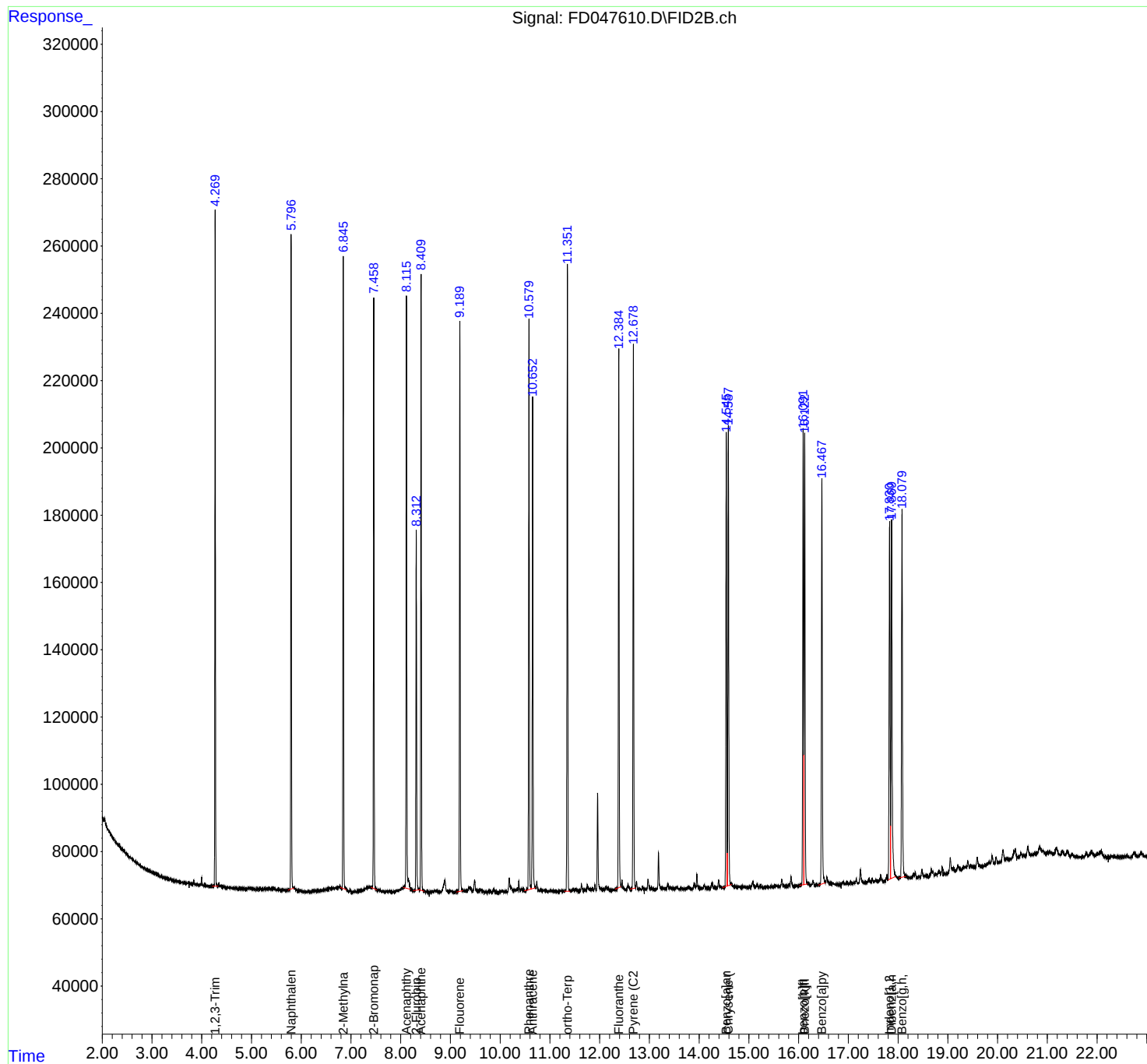
(m)=manual int.

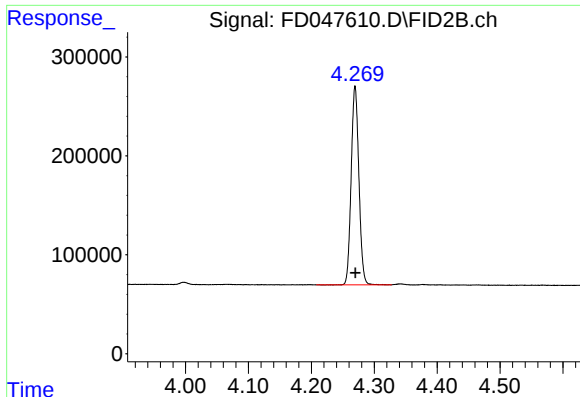
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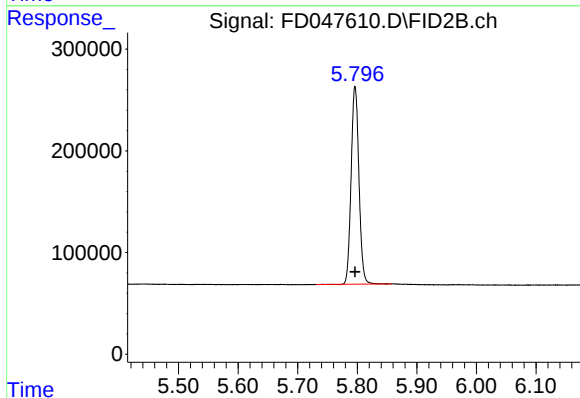




#1 1,2,3-Trimethylbenzene (C10.1)

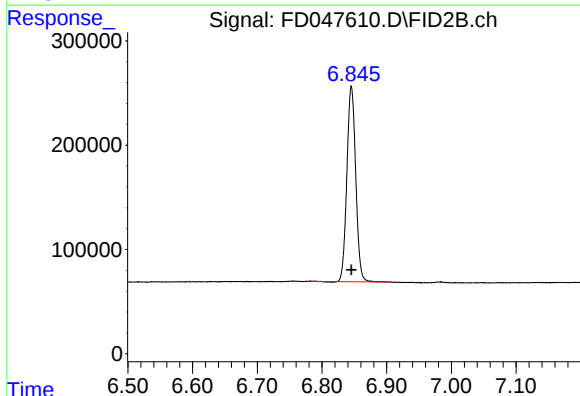
R.T.: 4.270 min
Delta R.T.: 0.000 min
Response: 1707777
Conc: 10.55 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



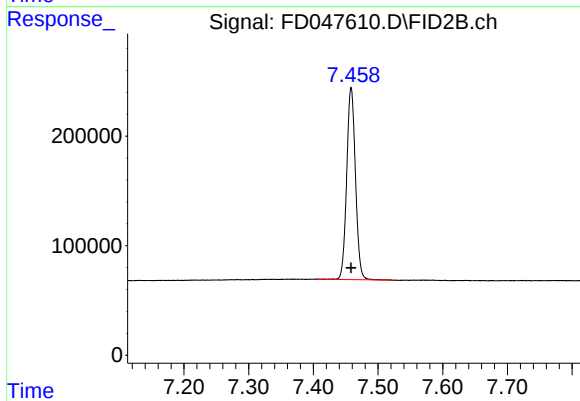
#2 Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 1774405
Conc: 10.44 ug/ml



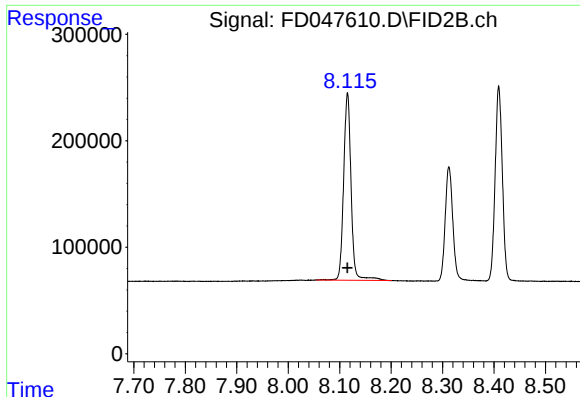
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 1785454
Conc: 10.43 ug/ml



#4 2-Bromonaphthalene (SURR)

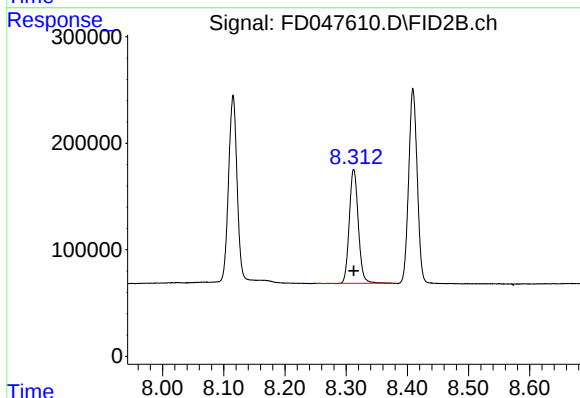
R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 1651201
Conc: 10.53 ug/ml



#5 Acenaphthylene (C15.06)

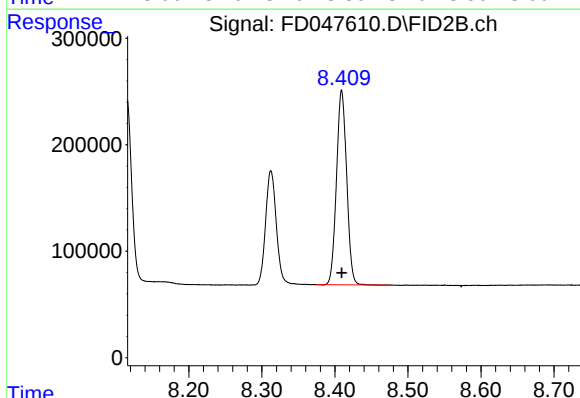
R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 1774483
Conc: 10.85 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



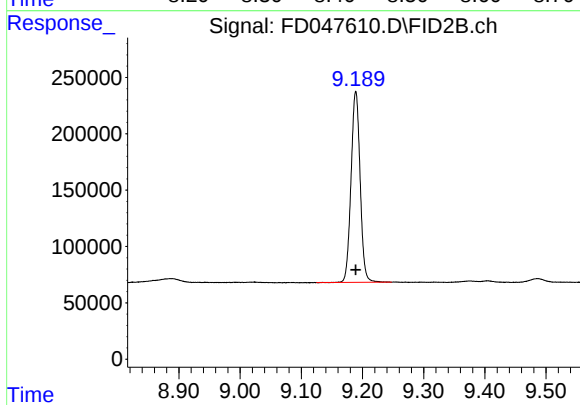
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 1091274
Conc: 10.33 ug/ml



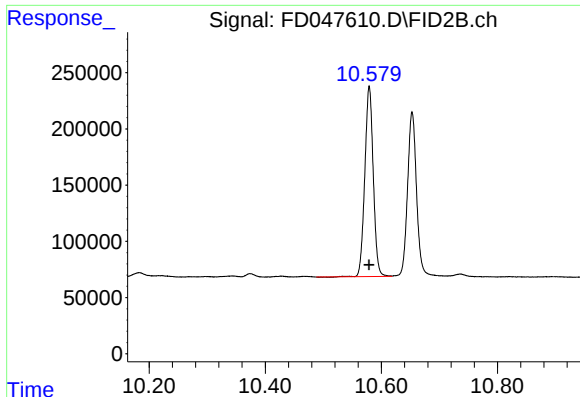
#7 Acenaphthene (C15.5)

R.T.: 8.409 min
Delta R.T.: 0.000 min
Response: 1770725
Conc: 10.50 ug/ml



#8 Fluorene (C16.55)

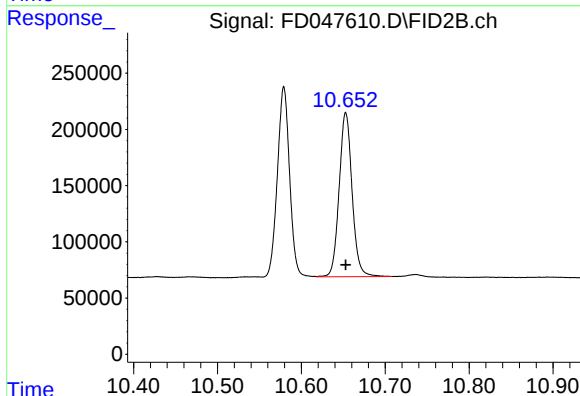
R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 1746948
Conc: 10.47 ug/ml



#9 Phenanthrene (C19.36)

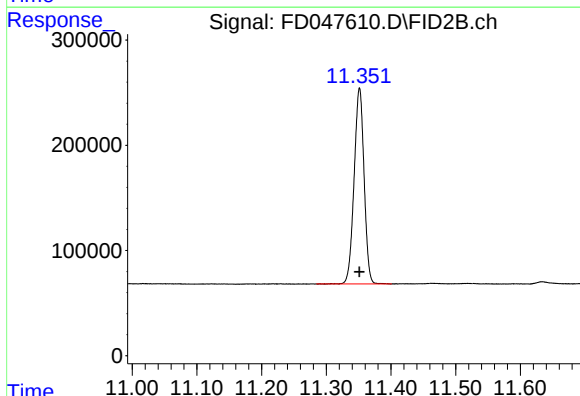
R.T.: 10.579 min
Delta R.T.: 0.000 min
Response: 1711349
Conc: 10.39 ug/ml

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10 PPM AROMATIC HC STD4



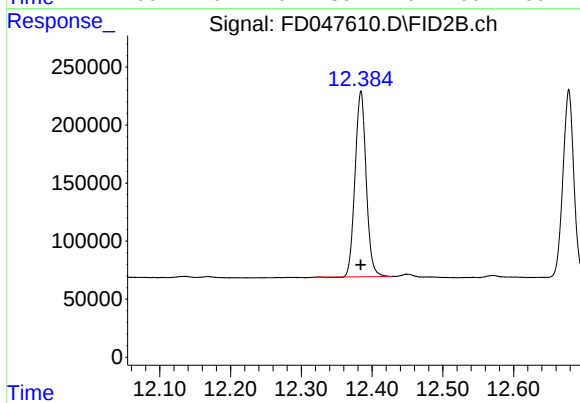
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: 0.000 min
Response: 1567914
Conc: 10.42 ug/ml



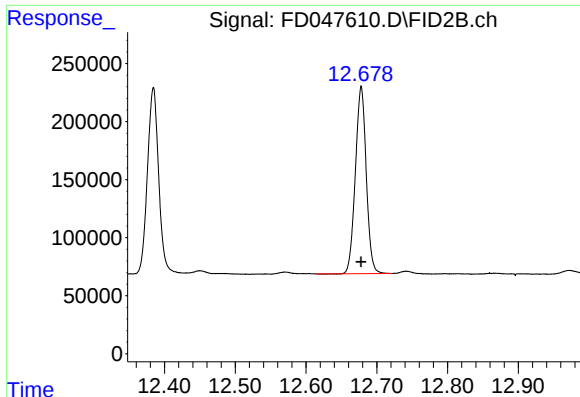
#11 ortho-Terphenyl (SURR)

R.T.: 11.351 min
Delta R.T.: 0.000 min
Response: 1993290
Conc: 10.73 ug/ml



#12 Fluoranthene (C21.85)

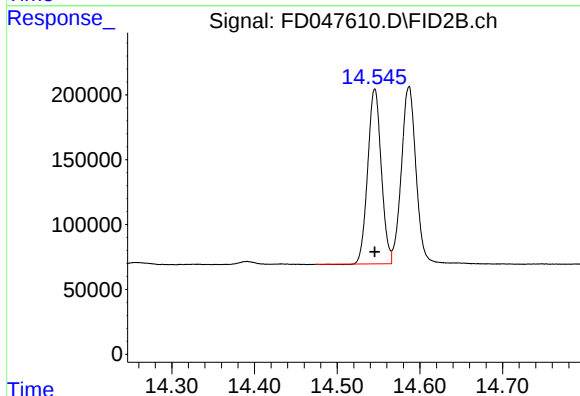
R.T.: 12.384 min
Delta R.T.: 0.000 min
Response: 1746492
Conc: 10.51 ug/ml



#13 Pyrene (C20.8)

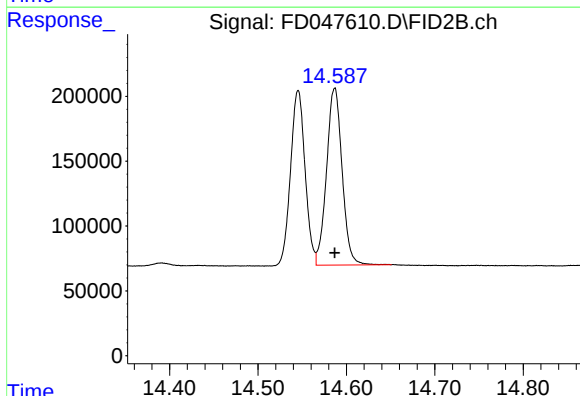
R.T.: 12.678 min
Delta R.T.: 0.000 min
Response: 1719126
Conc: 10.59 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



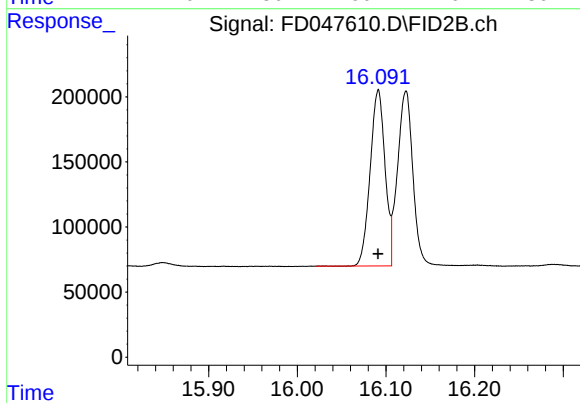
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.545 min
Delta R.T.: 0.000 min
Response: 1534328
Conc: 10.39 ug/ml



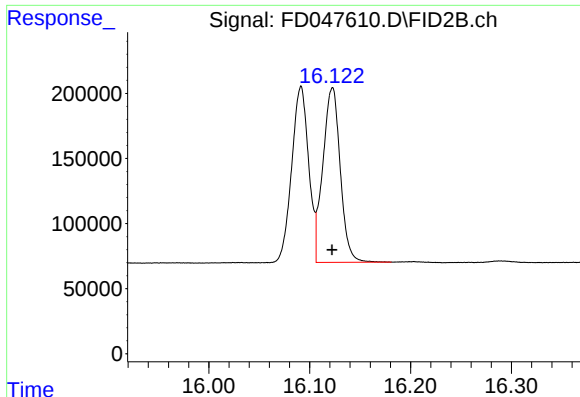
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.000 min
Response: 1670830
Conc: 10.60 ug/ml



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

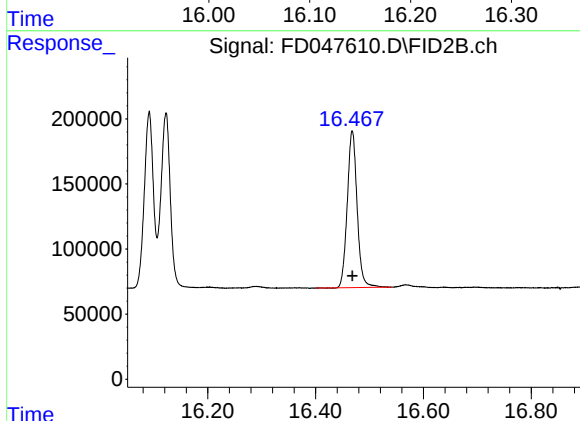
R.T.: 16.091 min
Delta R.T.: 0.000 min
Response: 1574357
Conc: 10.45 ug/ml



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

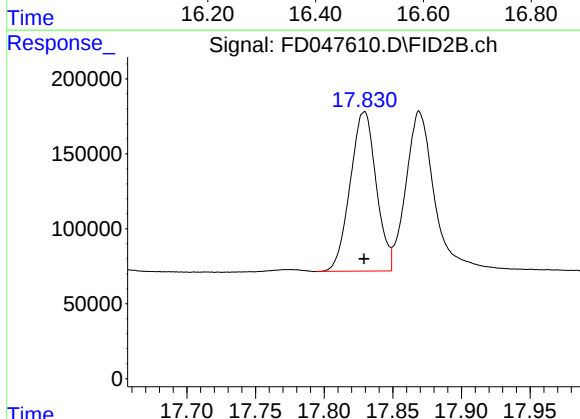
R.T.: 16.122 min
Delta R.T.: 0.000 min
Response: 1610855
Conc: 10.72 ug/ml

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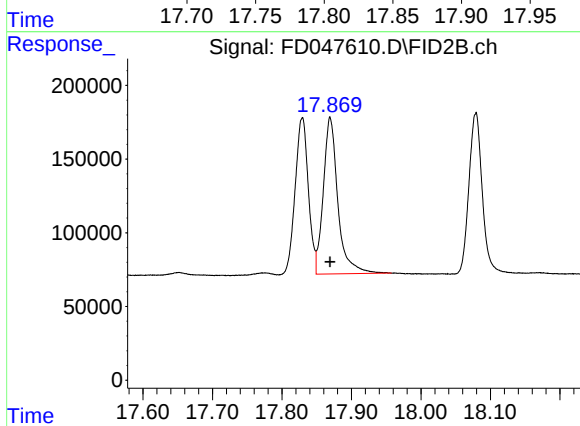
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.468 min
Delta R.T.: 0.000 min
Response: 1531587
Conc: 10.53 ug/ml



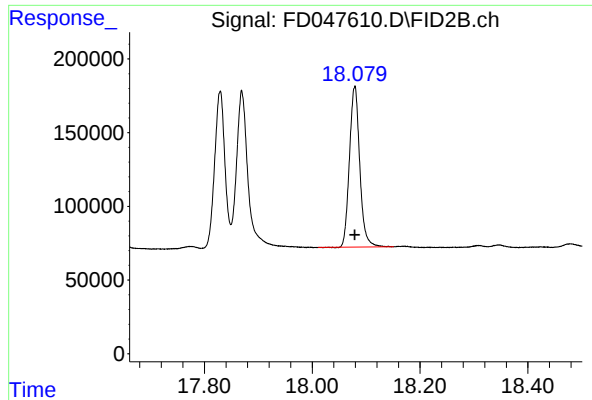
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.829 min
Delta R.T.: 0.000 min
Response: 1402022
Conc: 10.11 ug/ml



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

R.T.: 17.869 min
Delta R.T.: 0.000 min
Response: 1546915
Conc: 10.94 ug/ml



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

R.T.: 18.079 min
Delta R.T.: 0.000 min
Response: 1446426
Conc: 10.40 ug/ml

Instrument :
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ClientSampleId :
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