

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081525AR\
 Data File : FD049636.D
 Signal(s) : FID2B.ch
 Acq On : 15 Aug 2025 20:34
 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: autoint1.e
 Quant Time: Aug 18 02:25:01 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...	7.713	1836947	17.924 ug/ml
Spiked Amount 50.000		Recovery =	35.85%
6) S 2-Fluorobiphenyl (SURR)	8.578	1325275	18.143 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.29%
11) S ortho-Terphenyl (SURR)	11.624	2390559	18.418 ug/ml
Spiked Amount 50.000		Recovery =	36.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.506	1798840	17.772 ug/ml
2) T Naphthalene (C11.7)	6.050	2038735	17.781 ug/ml
3) T 2-Methylnaphthalene (...)	7.103	2132705	17.878 ug/ml
5) T Acenaphthylene (C15.06)	8.381	2263198	18.003 ug/ml
7) T Acenaphthene (C15.5)	8.677	2262412	17.993 ug/ml
8) T Flouorene (C16.55)	9.458	2308891	18.236 ug/ml
9) T Phenanthrene (C19.36)	10.856	2392579	18.522 ug/ml
10) T Anthracene (C19.43)	10.930	2194099	17.810 ug/ml
12) T Fluoranthene (C21.85)	12.670	2413256	18.851 ug/ml
13) T Pyrene (C20.8)	12.968	2408451	18.969 ug/ml
14) T Benzo[a]anthracene (C...	14.840	2200635	19.070 ug/ml
15) T Chrysene (C27.41)	14.883	2263147	19.329 ug/ml
16) T benzo[b]fluoranthene ...	16.389	2178050	19.150 ug/ml
17) T Bnezo[k]fluoranthene ...	16.422	2049066	19.142 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.768	2101829	18.946 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.132	1927311	18.698 ug/ml
20) T Dibenz[a,h]anthracene...	18.173	2150834	19.733 ug/ml
21) T Benzo[g,h,i]perylene ...	18.387	2062730	18.876 ug/ml

(f)=RT Delta > 1/2 Window

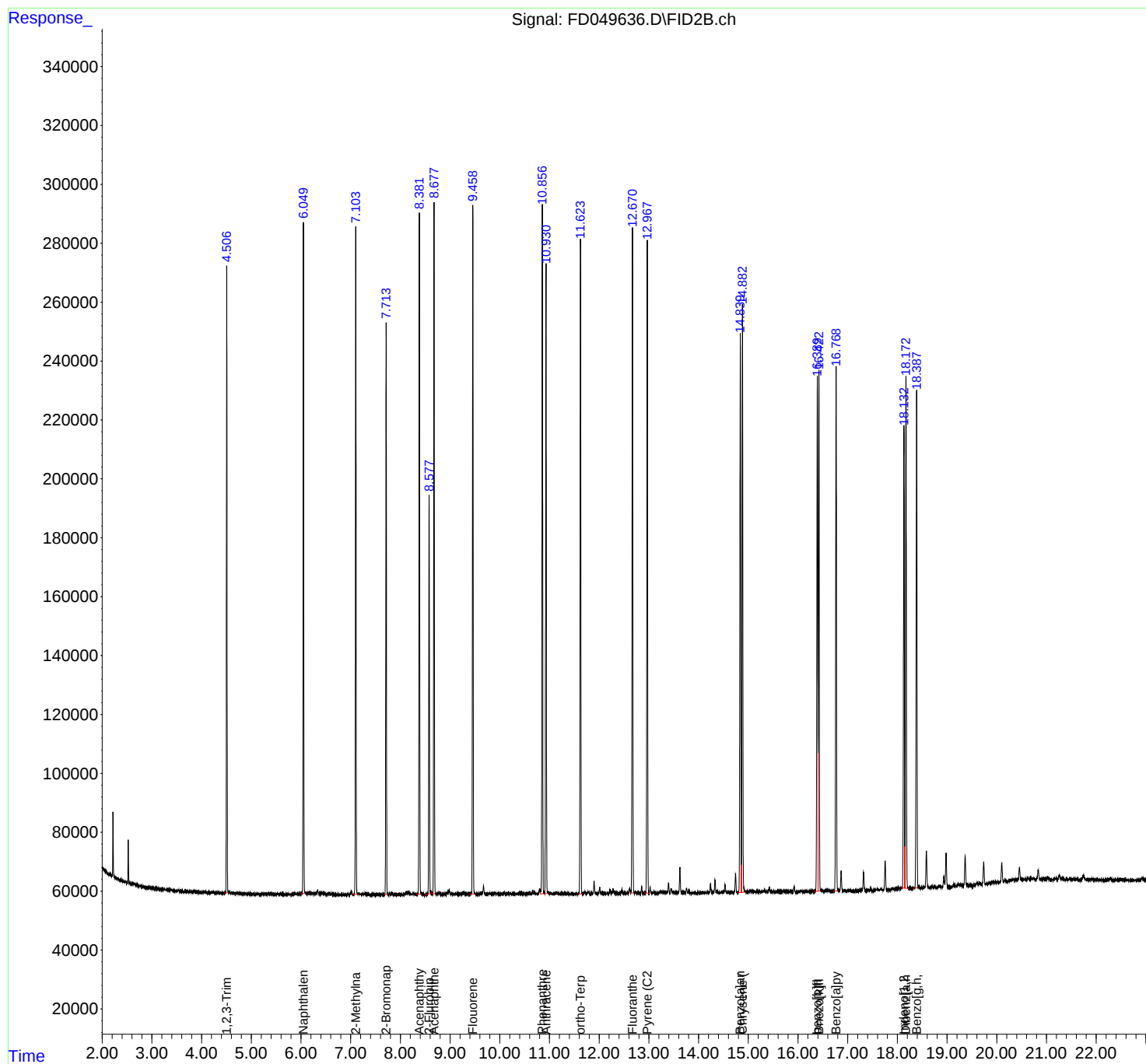
(m)=manual int.

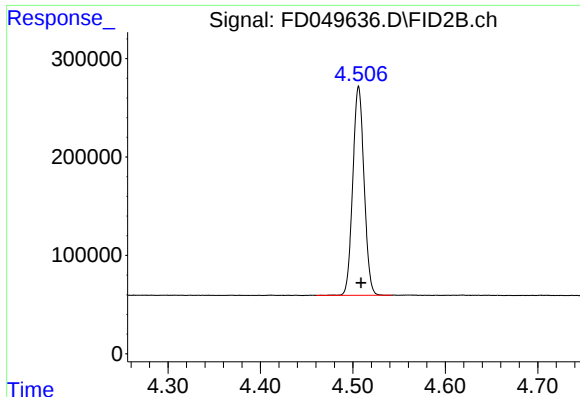
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081125.M
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QLast Update : Mon Aug 11 14:11:57 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

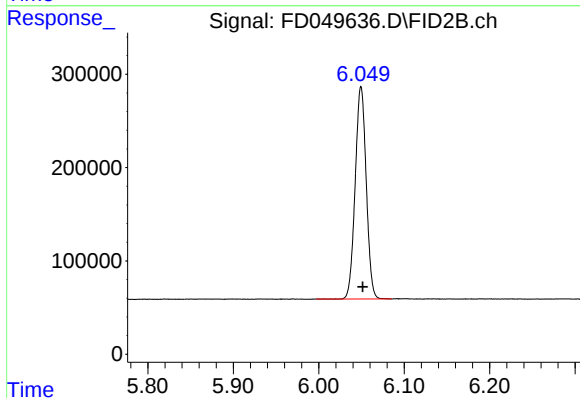




#1 1,2,3-Trimethylbenzene (C10.1)

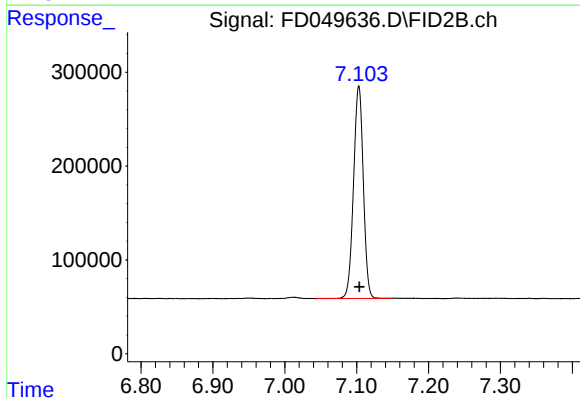
R.T.: 4.506 min
Delta R.T.: -0.003 min
Response: 1798840
Conc: 17.77 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



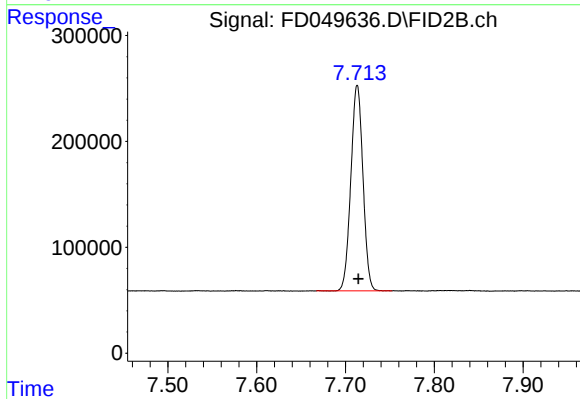
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 2038735
Conc: 17.78 ug/ml



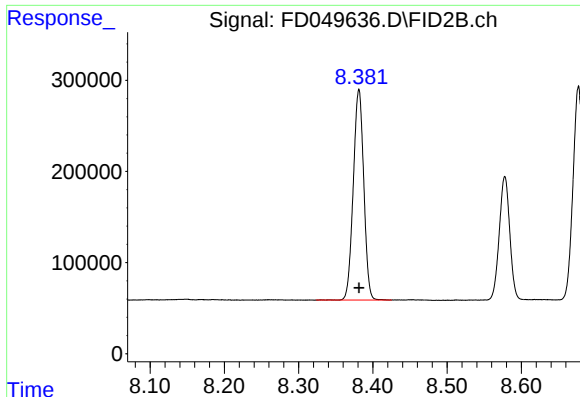
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 2132705
Conc: 17.88 ug/ml



#4 2-Bromonaphthalene (SURR)

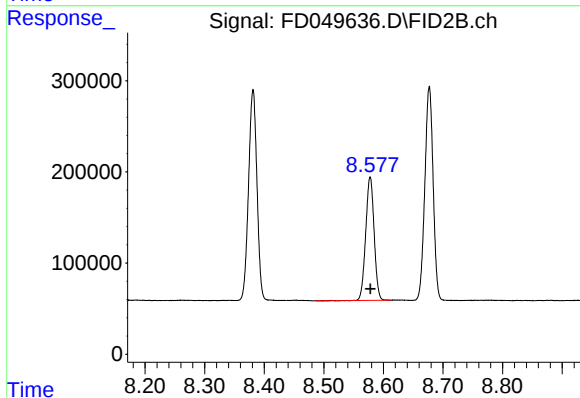
R.T.: 7.713 min
Delta R.T.: -0.001 min
Response: 1836947
Conc: 17.92 ug/ml



#5 Acenaphthylene (C15.06)

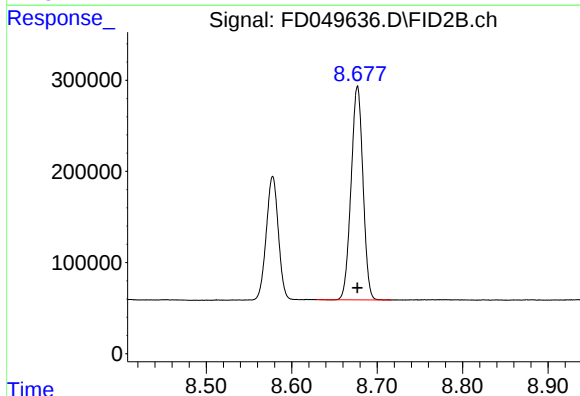
R.T.: 8.381 min
Delta R.T.: 0.000 min
Response: 2263198
Conc: 18.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



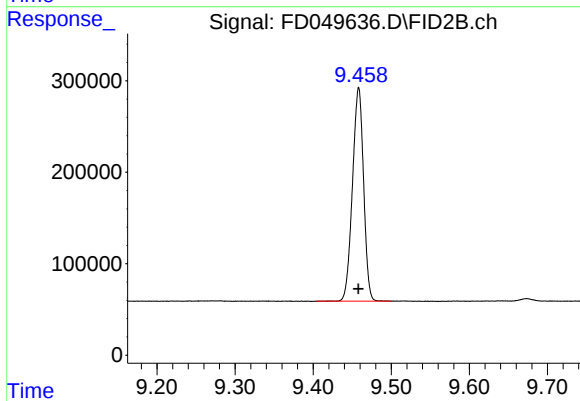
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.578 min
Delta R.T.: 0.000 min
Response: 1325275
Conc: 18.14 ug/ml



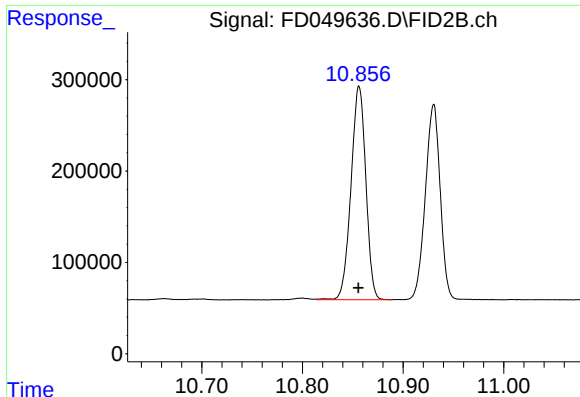
#7 Acenaphthene (C15.5)

R.T.: 8.677 min
Delta R.T.: 0.000 min
Response: 2262412
Conc: 17.99 ug/ml



#8 Fluorene (C16.55)

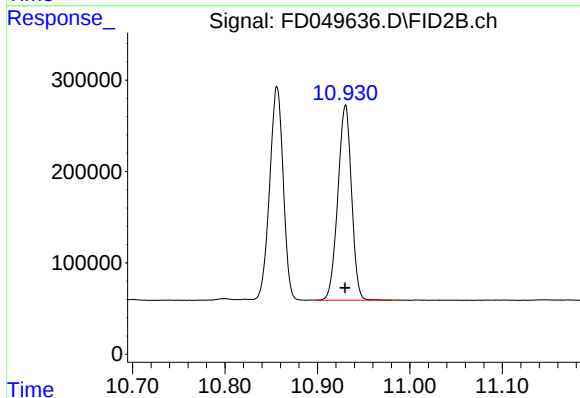
R.T.: 9.458 min
Delta R.T.: 0.000 min
Response: 2308891
Conc: 18.24 ug/ml



#9 Phenanthrene (C19.36)

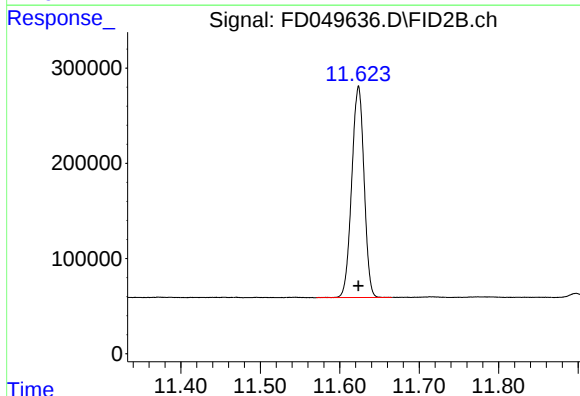
R.T.: 10.856 min
Delta R.T.: 0.000 min
Response: 2392579
Conc: 18.52 ug/ml

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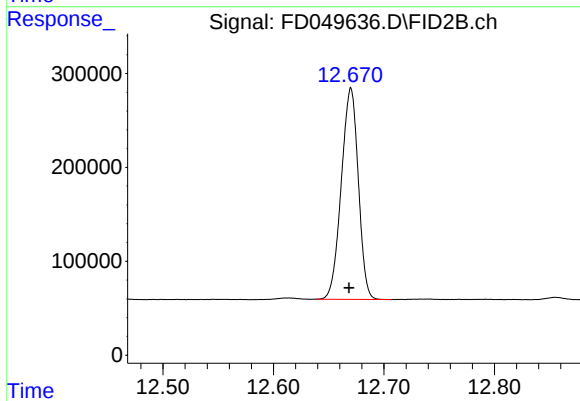
#10 Anthracene (C19.43)

R.T.: 10.930 min
Delta R.T.: 0.000 min
Response: 2194099
Conc: 17.81 ug/ml



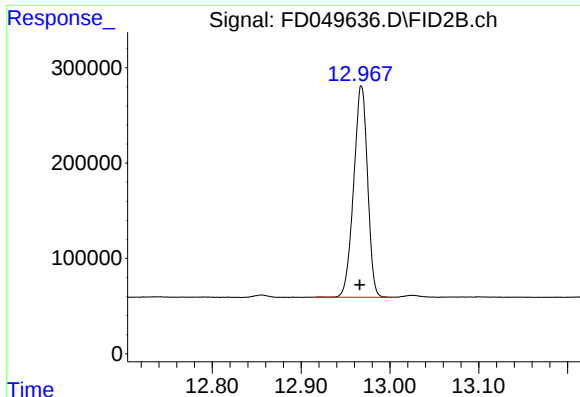
#11 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 2390559
Conc: 18.42 ug/ml



#12 Fluoranthene (C21.85)

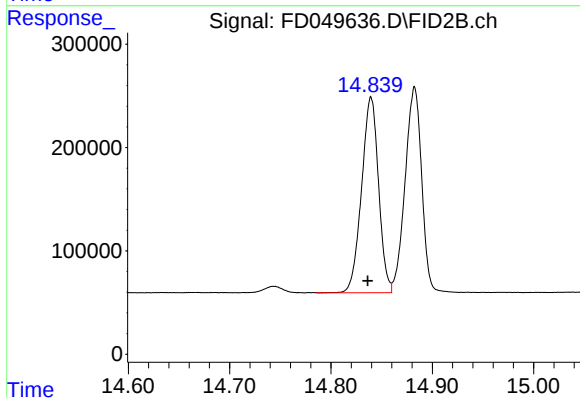
R.T.: 12.670 min
Delta R.T.: 0.002 min
Response: 2413256
Conc: 18.85 ug/ml



#13 Pyrene (C20.8)

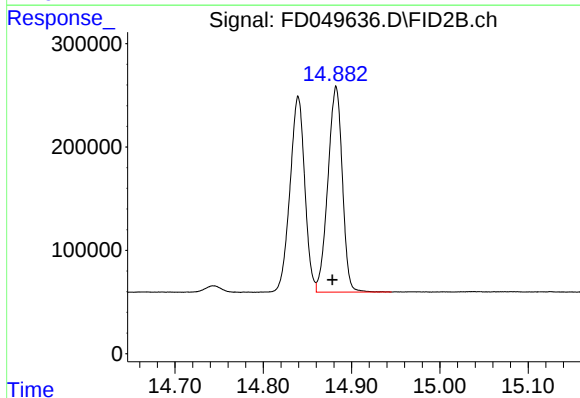
R.T.: 12.968 min
Delta R.T.: 0.002 min
Response: 2408451
Conc: 18.97 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



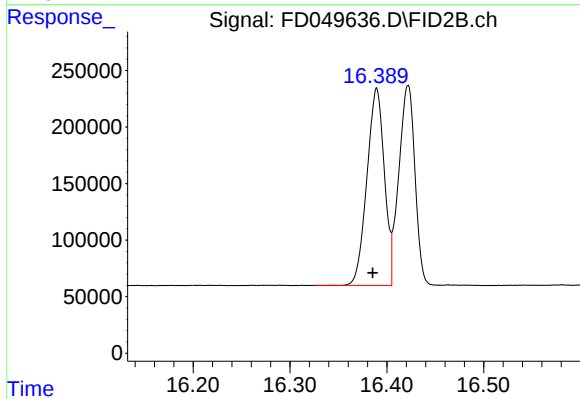
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.840 min
Delta R.T.: 0.003 min
Response: 2200635
Conc: 19.07 ug/ml



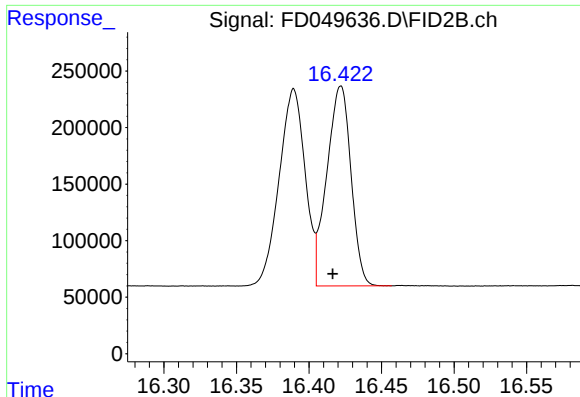
#15 Chrysene (C27.41)

R.T.: 14.883 min
Delta R.T.: 0.004 min
Response: 2263147
Conc: 19.33 ug/ml



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

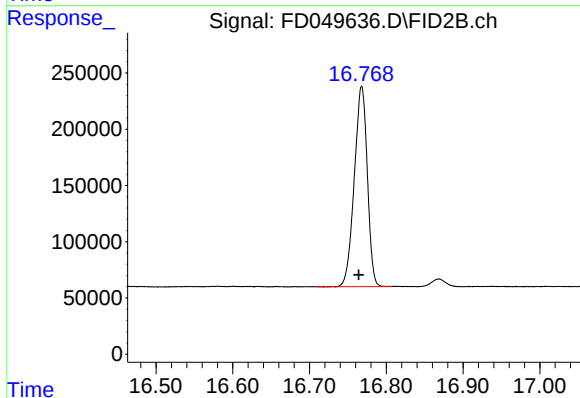
R.T.: 16.389 min
Delta R.T.: 0.004 min
Response: 2178050
Conc: 19.15 ug/ml



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

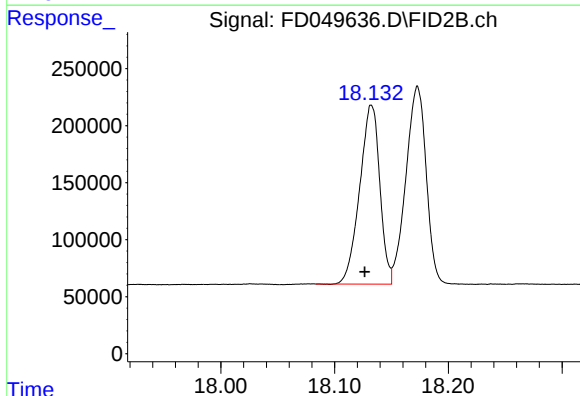
R.T.: 16.422 min
Delta R.T.: 0.006 min
Response: 2049066
Conc: 19.14 ug/ml

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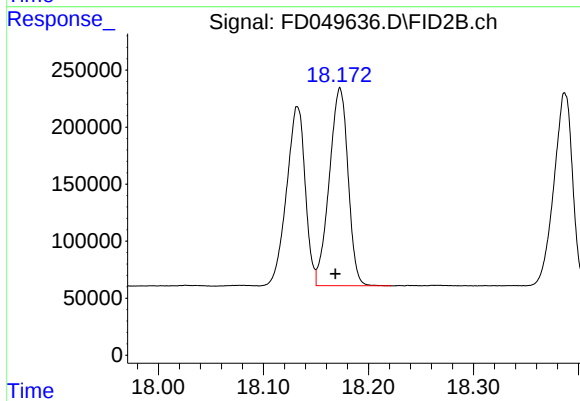
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.768 min
Delta R.T.: 0.004 min
Response: 2101829
Conc: 18.95 ug/ml



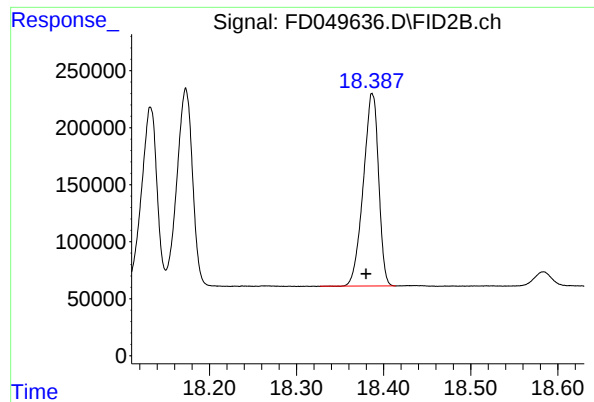
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.132 min
Delta R.T.: 0.006 min
Response: 1927311
Conc: 18.70 ug/ml



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

R.T.: 18.173 min
Delta R.T.: 0.004 min
Response: 2150834
Conc: 19.73 ug/ml



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

R.T.: 18.387 min
Delta R.T.: 0.007 min
Response: 2062730
Conc: 18.88 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD