

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
 Data File : FD048401.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 12:47
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Sep 30 13:23:11 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 13:23:03 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...	7.381	1605451	10.109 ug/ml
Spiked Amount 50.000		Recovery =	20.22%
6) S 2-Fluorobiphenyl (SURR)	8.233	1016463	9.754 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.51%
11) S ortho-Terphenyl (SURR)	11.265	1833921	10.161 ug/ml
Spiked Amount 50.000		Recovery =	20.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.202	1731147	9.947 ug/ml
2) T Naphthalene (C11.7)	5.721	1840574	9.994 ug/ml
3) T 2-Methylnaphthalene (...)	6.768	1908614	10.230 ug/ml
5) T Acenaphthylene (C15.06)	8.033	1960832	10.522 ug/ml
7) T Acenaphthene (C15.5)	8.326	1881168	10.191 ug/ml
8) T Fluorene (C16.55)	9.107	1798234	10.034 ug/ml
9) T Phenanthrene (C19.36)	10.493	1754425	9.937 ug/ml
10) T Anthracene (C19.43)	10.570	1840011	10.447 ug/ml
12) T Fluoranthene (C21.85)	12.298	1804434	10.143 ug/ml
13) T Pyrene (C20.8)	12.590	1743379	9.938 ug/ml
14) T Benzo[a]anthracene (C...	14.458	1549123	9.486 ug/ml
15) T Chrysene (C27.41)	14.499	1921102	10.712 ug/ml
16) T benzo[b]fluoranthene ...	16.003	1647278	9.830 ug/ml
17) T Bnezo[k]fluoranthene ...	16.034	1761068	10.756 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.384	1649795	10.039 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.747	1182778	8.659 ug/ml
20) T Dibenz[a,h]anthracene...	17.791	1747599	10.717 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	1634016	10.238 ug/ml

(f)=RT Delta > 1/2 Window

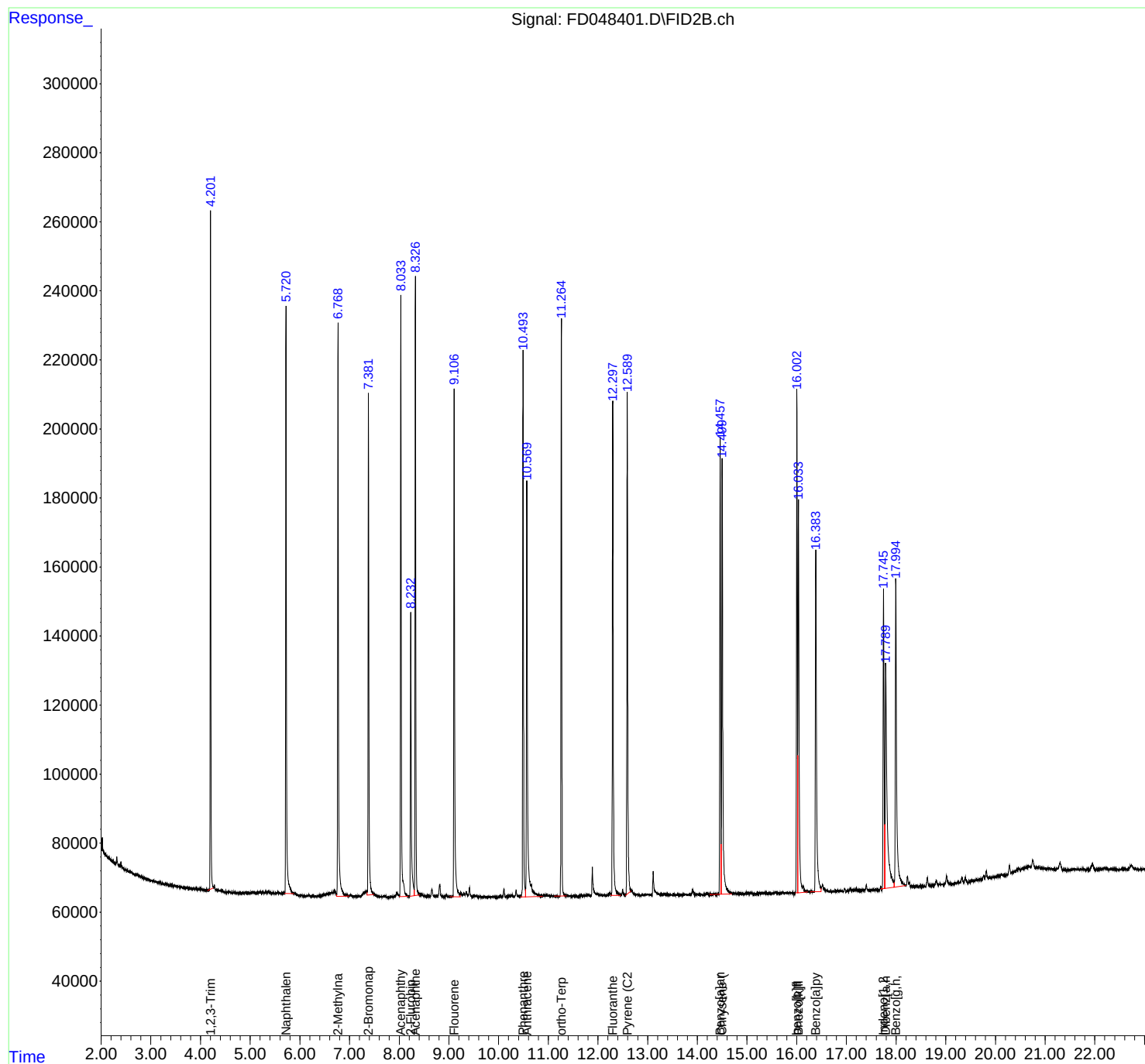
(m)=manual int.

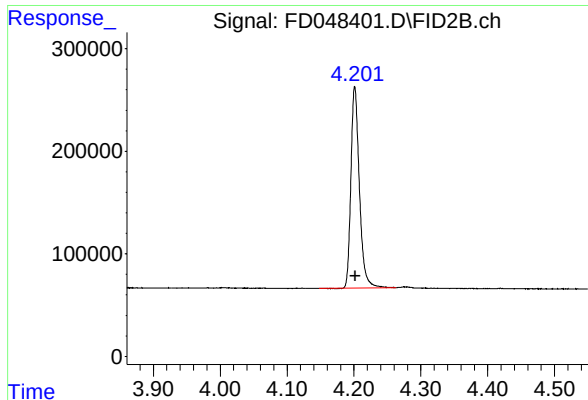
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
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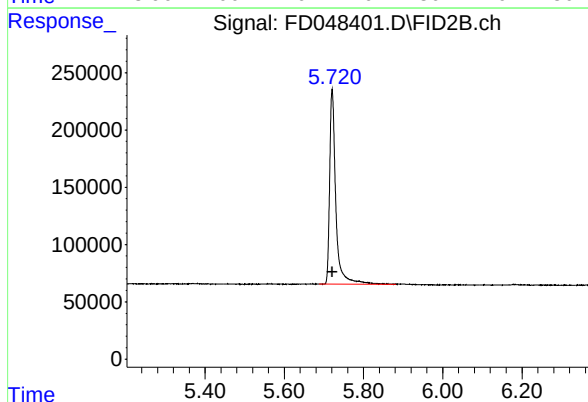




#1 1,2,3-Trimethylbenzene (C10.1)

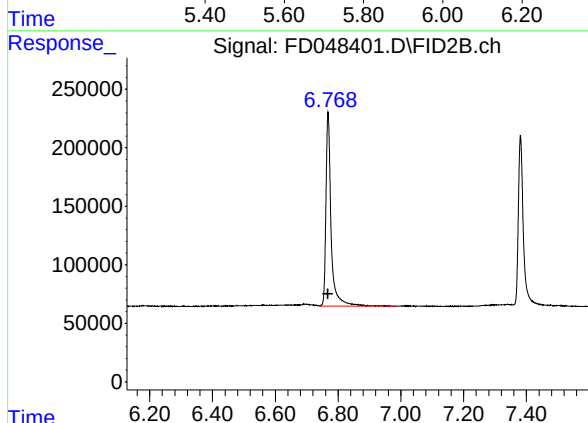
R.T.: 4.202 min
Delta R.T.: 0.000 min
Response: 1731147
Conc: 9.95 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



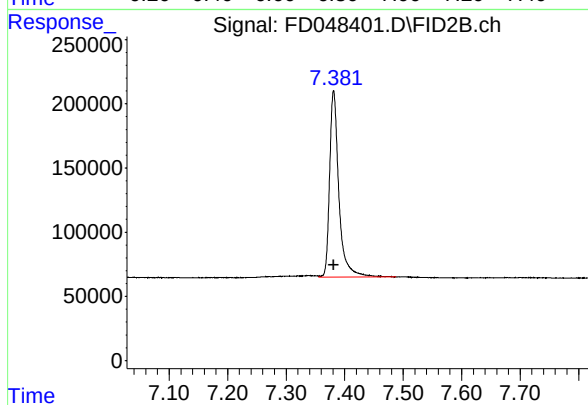
#2 Naphthalene (C11.7)

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 1840574
Conc: 9.99 ug/ml



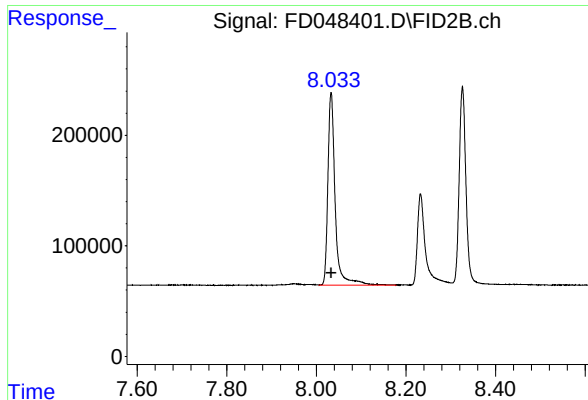
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 1908614
Conc: 10.23 ug/ml



#4 2-Bromonaphthalene (SURR)

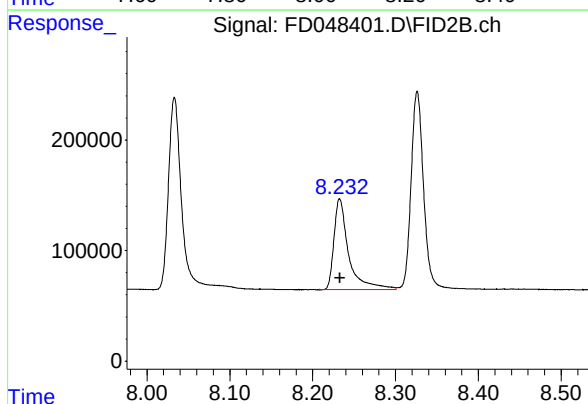
R.T.: 7.381 min
Delta R.T.: 0.000 min
Response: 1605451
Conc: 10.11 ug/ml



#5 Acenaphthylene (C15.06)

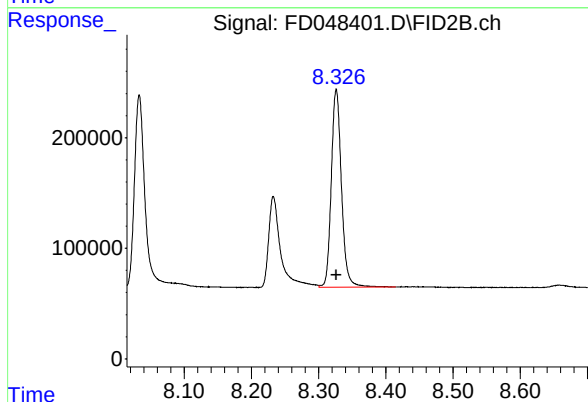
R.T.: 8.033 min
Delta R.T.: 0.000 min
Response: 1960832
Conc: 10.52 ug/ml

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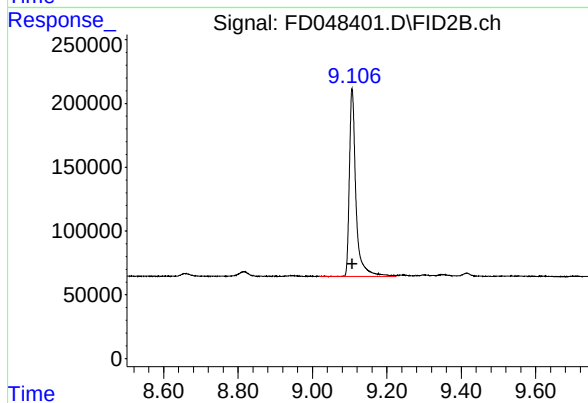
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.233 min
Delta R.T.: 0.000 min
Response: 1016463
Conc: 9.75 ug/ml



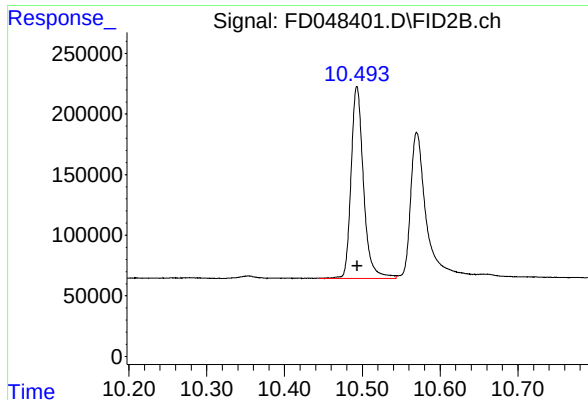
#7 Acenaphthene (C15.5)

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 1881168
Conc: 10.19 ug/ml



#8 Flouorene (C16.55)

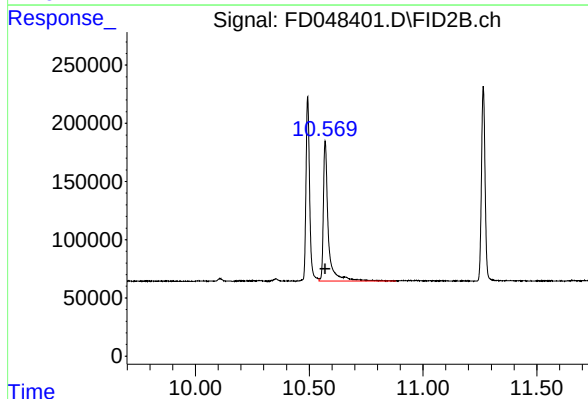
R.T.: 9.107 min
Delta R.T.: 0.000 min
Response: 1798234
Conc: 10.03 ug/ml



#9 Phenanthrene (C19.36)

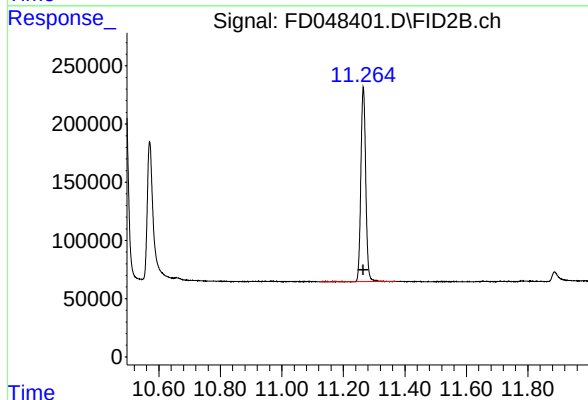
R.T.: 10.493 min
Delta R.T.: 0.000 min
Response: 1754425
Conc: 9.94 ug/ml

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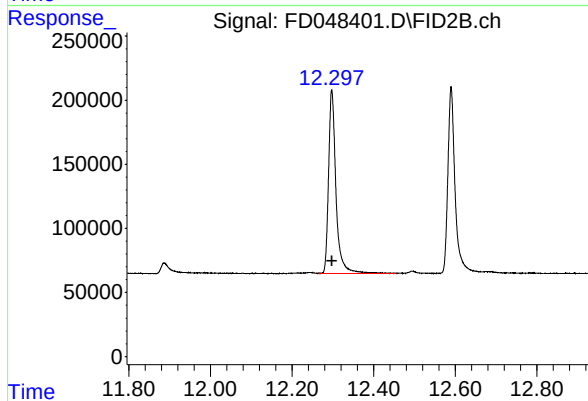
#10 Anthracene (C19.43)

R.T.: 10.570 min
Delta R.T.: 0.000 min
Response: 1840011
Conc: 10.45 ug/ml



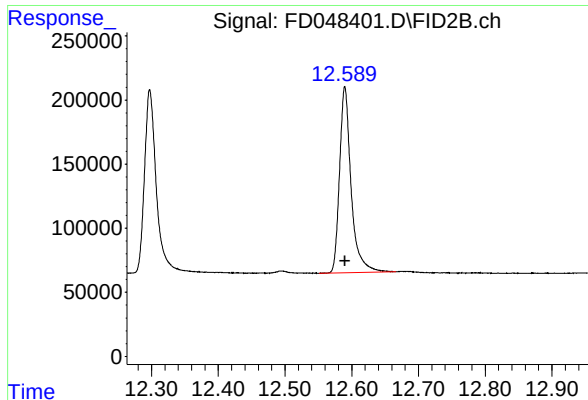
#11 ortho-Terphenyl (SURR)

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 1833921
Conc: 10.16 ug/ml



#12 Fluoranthene (C21.85)

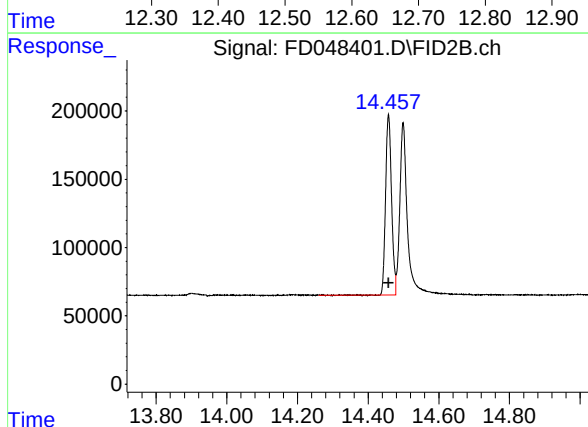
R.T.: 12.298 min
Delta R.T.: 0.000 min
Response: 1804434
Conc: 10.14 ug/ml



#13 Pyrene (C20.8)

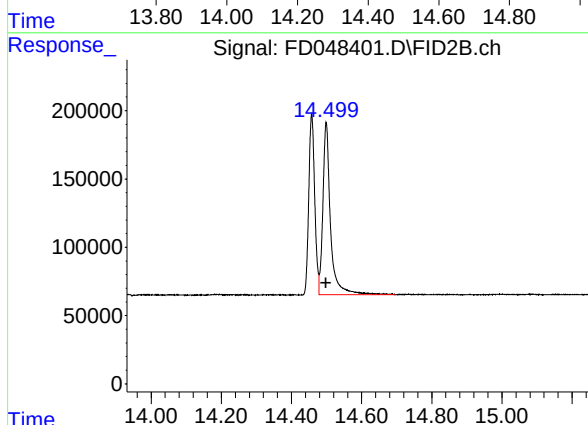
R.T.: 12.590 min
Delta R.T.: 0.000 min
Response: 1743379
Conc: 9.94 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



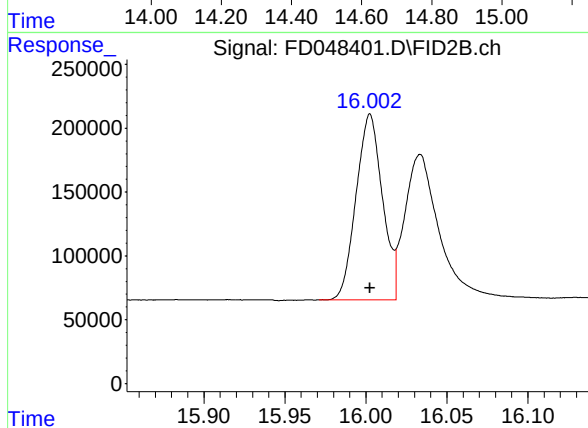
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.458 min
Delta R.T.: 0.000 min
Response: 1549123
Conc: 9.49 ug/ml



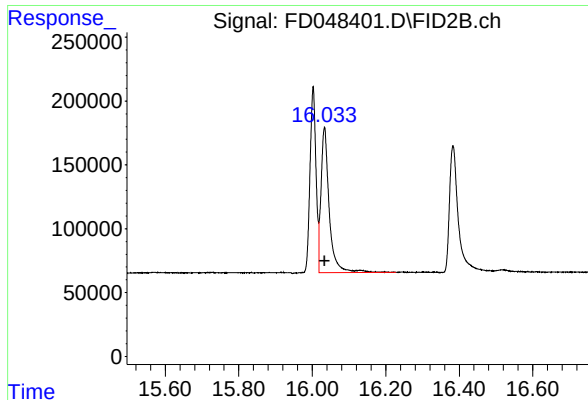
#15 Chrysene (C27.41)

R.T.: 14.499 min
Delta R.T.: 0.000 min
Response: 1921102
Conc: 10.71 ug/ml



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

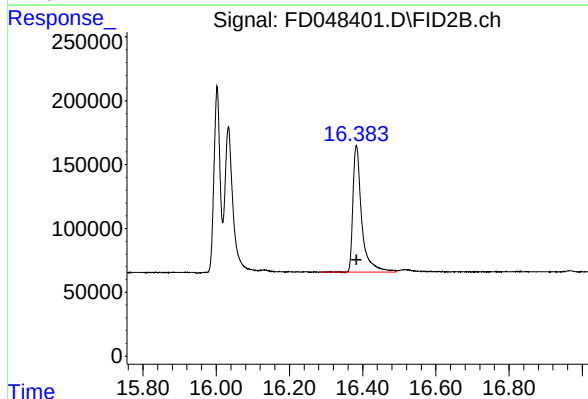
R.T.: 16.003 min
Delta R.T.: 0.000 min
Response: 1647278
Conc: 9.83 ug/ml



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

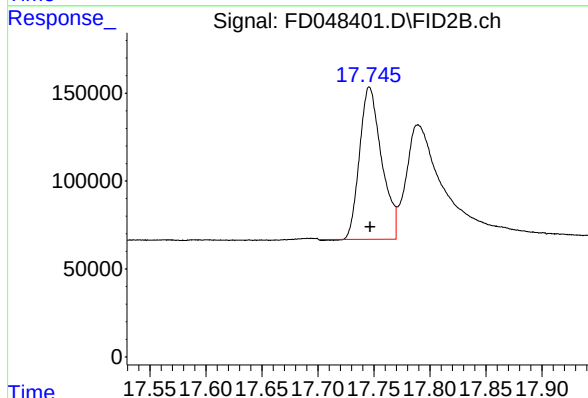
R.T.: 16.034 min
Delta R.T.: 0.000 min
Response: 1761068
Conc: 10.76 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



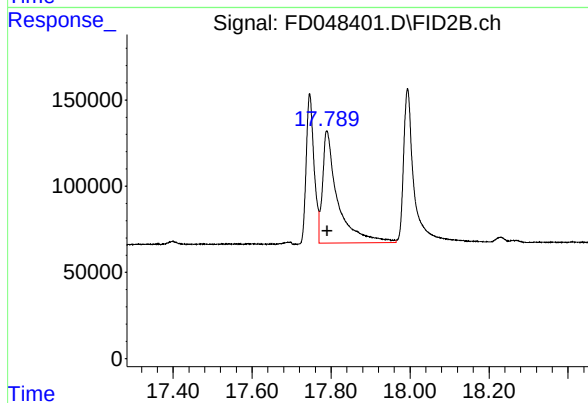
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.384 min
Delta R.T.: 0.000 min
Response: 1649795
Conc: 10.04 ug/ml



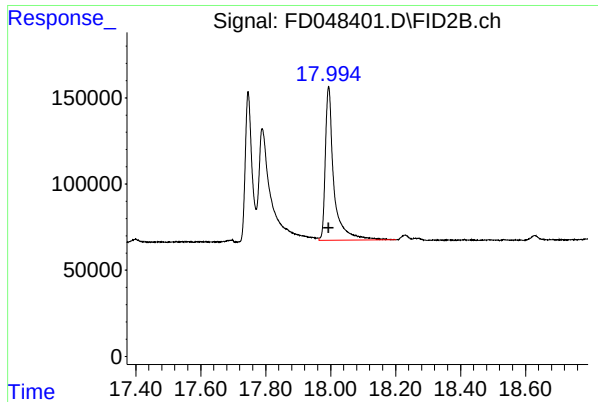
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.747 min
Delta R.T.: 0.000 min
Response: 1182778
Conc: 8.66 ug/ml



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

R.T.: 17.791 min
Delta R.T.: 0.000 min
Response: 1747599
Conc: 10.72 ug/ml



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

R.T.: 17.994 min
Delta R.T.: 0.000 min
Response: 1634016
Conc: 10.24 ug/ml

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