

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102324AR\
 Data File : FD048571.D
 Signal(s) : FID2B.ch
 Acq On : 23 Oct 2024 17:02
 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: Oct 23 17:44:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 17:44:12 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...	7.373	1535833	10.143 ug/ml
Spiked Amount 50.000		Recovery =	20.29%
6) S 2-Fluorobiphenyl (SURR)	8.224	998081	9.973 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.95%
11) S ortho-Terphenyl (SURR)	11.257	1758096	10.404 ug/ml
Spiked Amount 50.000		Recovery =	20.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.196	1780007	10.297 ug/ml
2) T Naphthalene (C11.7)	5.714	1822653	10.186 ug/ml
3) T 2-Methylnaphthalene (...)	6.760	1826622	10.197 ug/ml
5) T Acenaphthylene (C15.06)	8.025	1809718	10.335 ug/ml
7) T Acenaphthene (C15.5)	8.318	1838643	10.425 ug/ml
8) T Fluorene (C16.55)	9.098	1719817	10.154 ug/ml
9) T Phenanthrene (C19.36)	10.484	1680489	10.124 ug/ml
10) T Anthracene (C19.43)	10.560	1635709	10.260 ug/ml
12) T Fluoranthene (C21.85)	12.288	1671203	10.236 ug/ml
13) T Pyrene (C20.8)	12.581	1639022	10.183 ug/ml
14) T Benzo[a]anthracene (C...	14.450	1472368	9.868 ug/ml
15) T Chrysene (C27.41)	14.491	1725560	10.700 ug/ml
16) T benzo[b]fluoranthene ...	15.995	1544713	10.045 ug/ml
17) T Bnezo[k]fluoranthene ...	16.026	1579300	10.611 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.374	1518079	10.066 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.737	1259393	9.340 ug/ml
20) T Dibenz[a,h]anthracene...	17.779	1780079	11.209 ug/ml
21) T Benzo[g,h,i]perylene ...	17.986	1603528	10.461 ug/ml

(f)=RT Delta > 1/2 Window

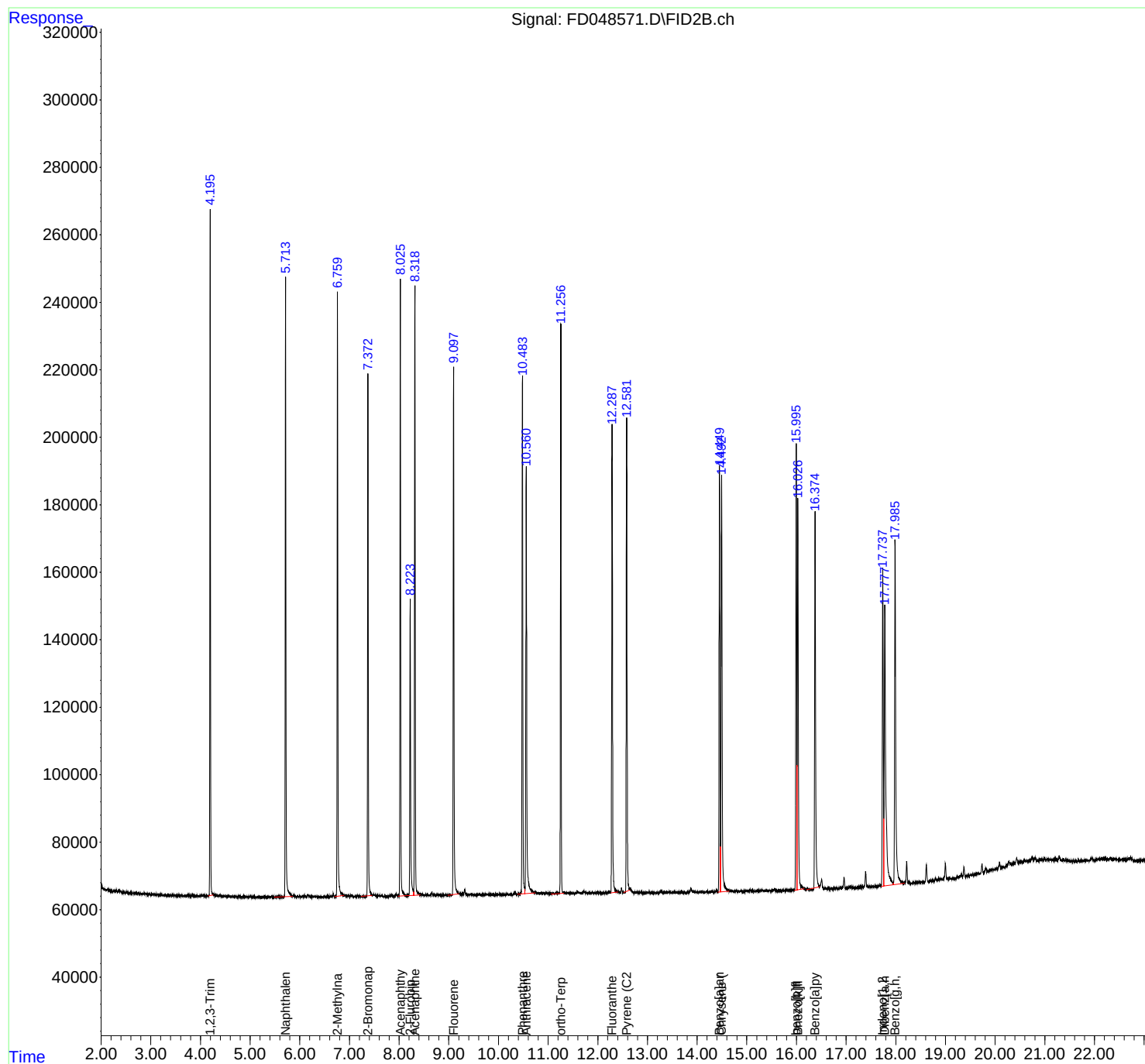
(m)=manual int.

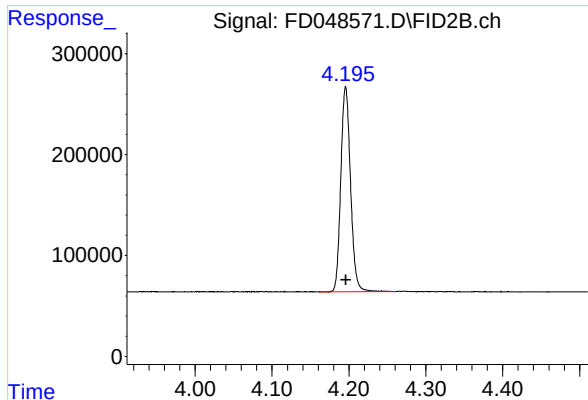
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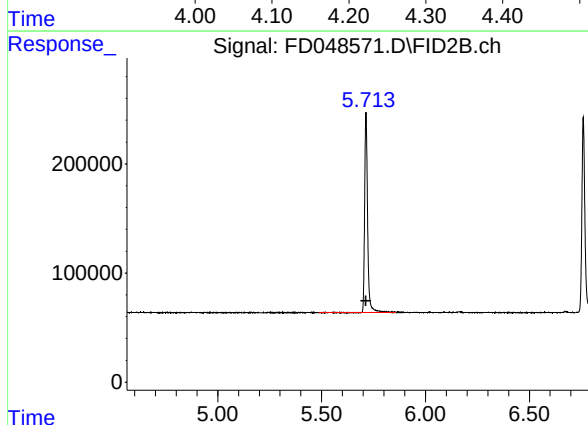




#1 1,2,3-Trimethylbenzene (C10.1)

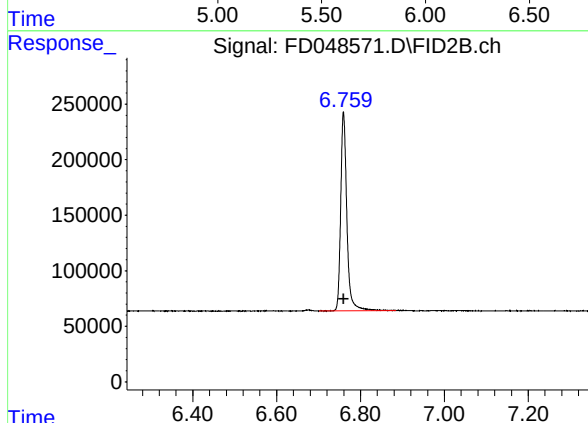
R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 1780007
Conc: 10.30 ug/ml

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FID_D
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10 PPM AROMATIC HC STD4



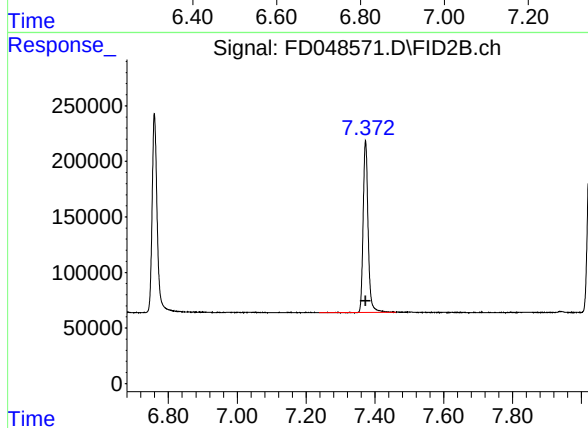
#2 Naphthalene (C11.7)

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 1822653
Conc: 10.19 ug/ml



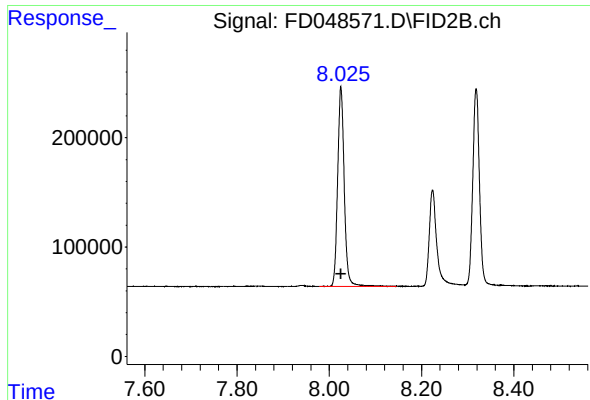
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.760 min
Delta R.T.: 0.000 min
Response: 1826622
Conc: 10.20 ug/ml



#4 2-Bromonaphthalene (SURR)

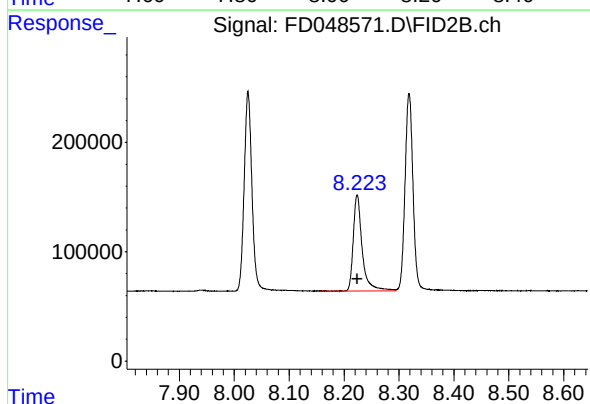
R.T.: 7.373 min
Delta R.T.: 0.000 min
Response: 1535833
Conc: 10.14 ug/ml



#5 Acenaphthylene (C15.06)

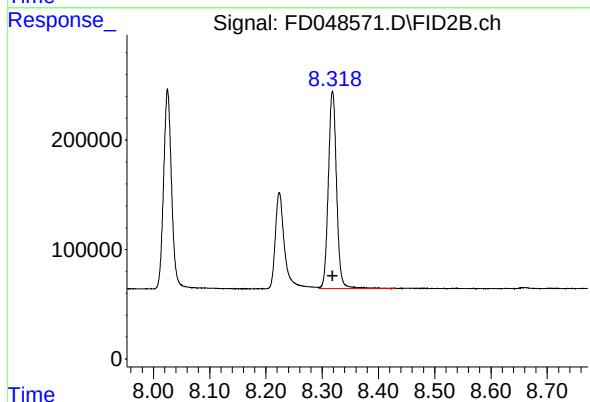
R.T.: 8.025 min
Delta R.T.: 0.000 min
Response: 1809718
Conc: 10.34 ug/ml

Instrument :
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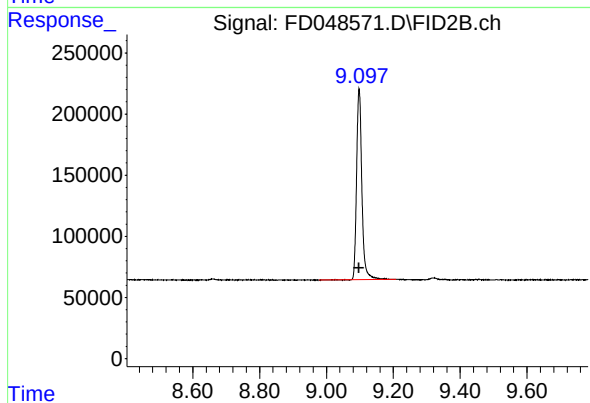
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.224 min
Delta R.T.: 0.000 min
Response: 998081
Conc: 9.97 ug/ml



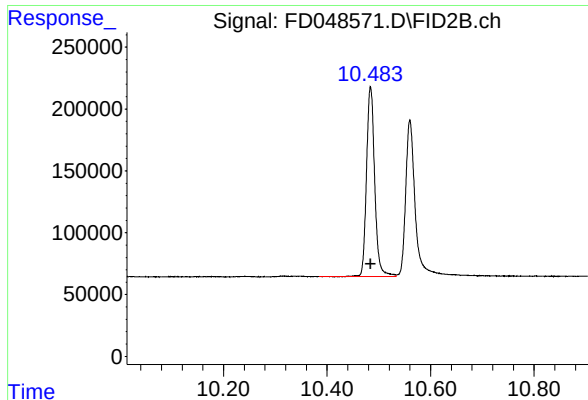
#7 Acenaphthene (C15.5)

R.T.: 8.318 min
Delta R.T.: 0.000 min
Response: 1838643
Conc: 10.43 ug/ml



#8 Flouorene (C16.55)

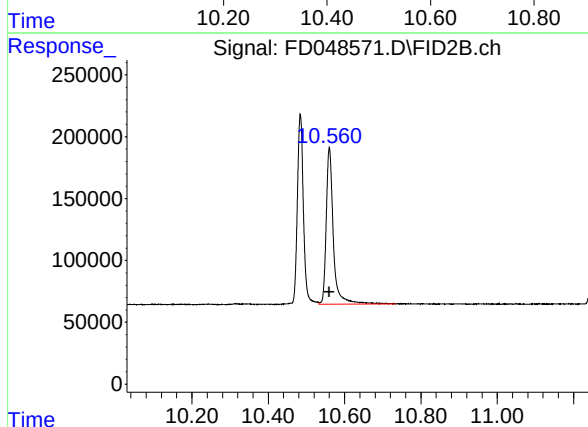
R.T.: 9.098 min
Delta R.T.: 0.000 min
Response: 1719817
Conc: 10.15 ug/ml



#9 Phenanthrene (C19.36)

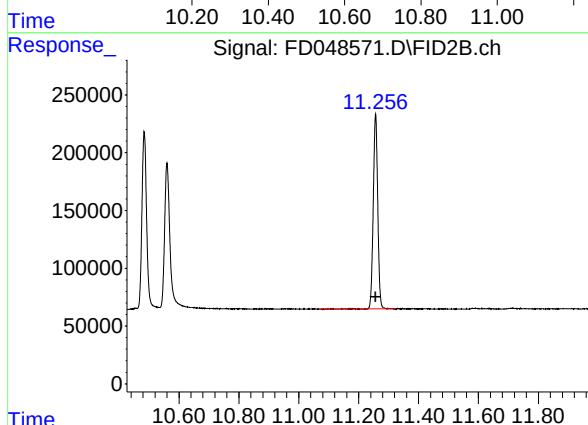
R.T.: 10.484 min
Delta R.T.: 0.000 min
Response: 1680489
Conc: 10.12 ug/ml

Instrument :
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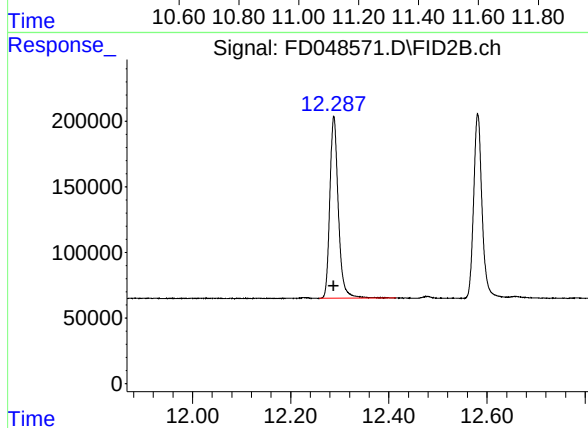
#10 Anthracene (C19.43)

R.T.: 10.560 min
Delta R.T.: 0.000 min
Response: 1635709
Conc: 10.26 ug/ml



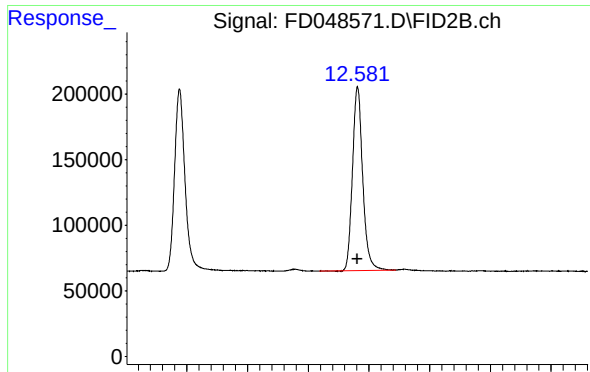
#11 ortho-Terphenyl (SURR)

R.T.: 11.257 min
Delta R.T.: 0.000 min
Response: 1758096
Conc: 10.40 ug/ml



#12 Fluoranthene (C21.85)

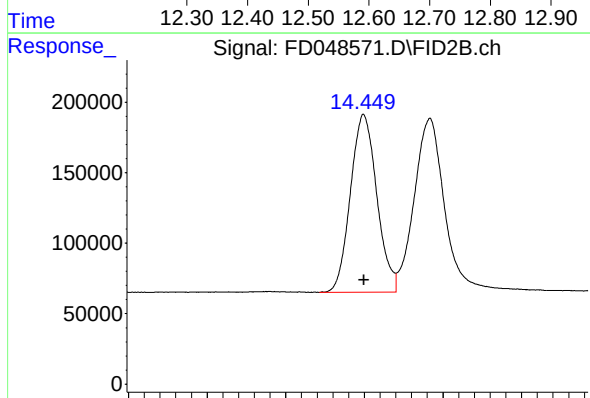
R.T.: 12.288 min
Delta R.T.: 0.000 min
Response: 1671203
Conc: 10.24 ug/ml



#13 Pyrene (C20.8)

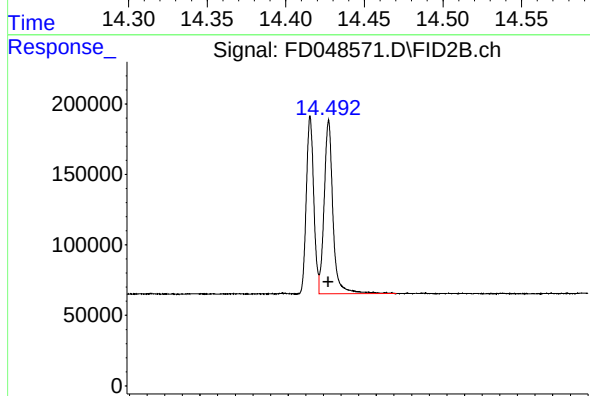
R.T.: 12.581 min
Delta R.T.: 0.000 min
Response: 1639022
Conc: 10.18 ug/ml

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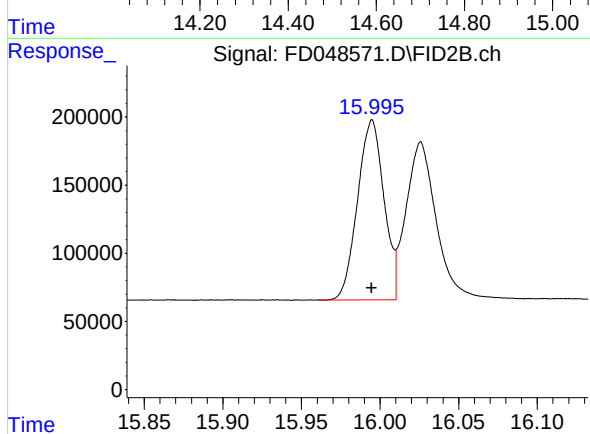
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.450 min
Delta R.T.: 0.000 min
Response: 1472368
Conc: 9.87 ug/ml



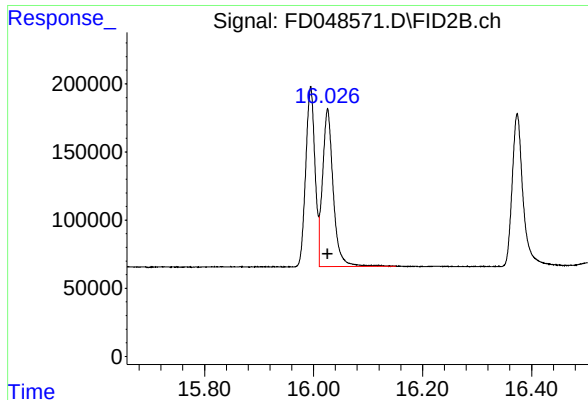
#15 Chrysene (C27.41)

R.T.: 14.491 min
Delta R.T.: 0.000 min
Response: 1725560
Conc: 10.70 ug/ml



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

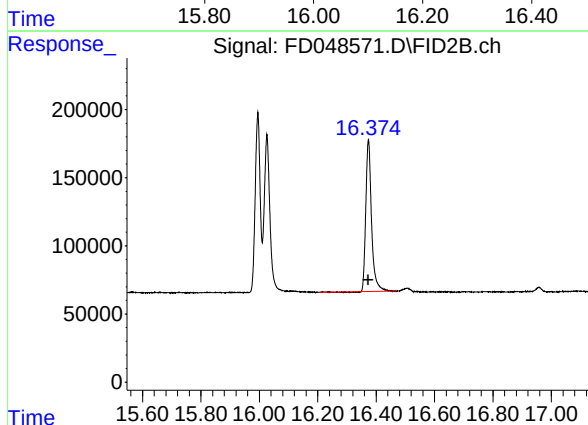
R.T.: 15.995 min
Delta R.T.: 0.000 min
Response: 1544713
Conc: 10.04 ug/ml



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

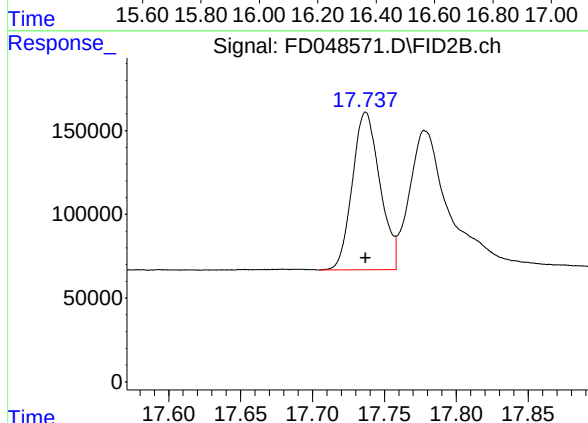
R.T.: 16.026 min
Delta R.T.: 0.000 min
Response: 1579300
Conc: 10.61 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



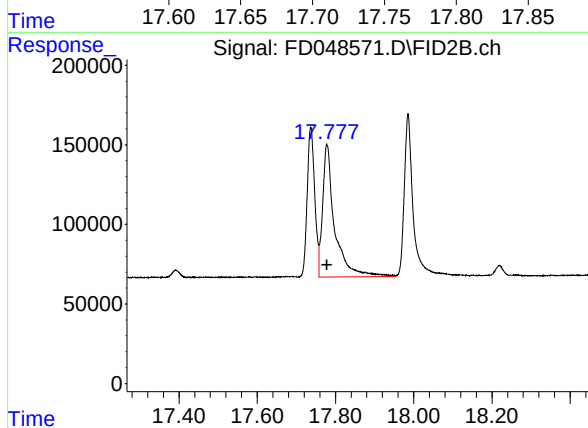
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.374 min
Delta R.T.: 0.000 min
Response: 1518079
Conc: 10.07 ug/ml



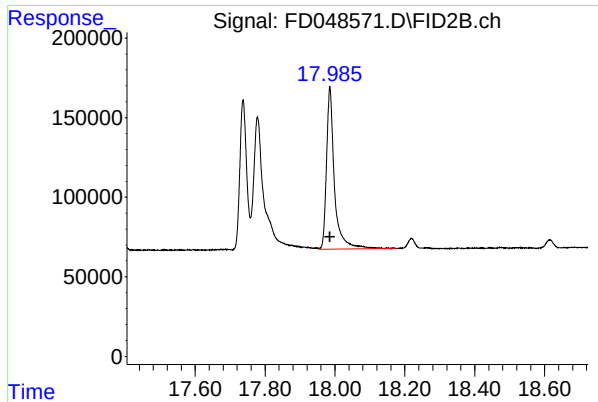
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.737 min
Delta R.T.: 0.000 min
Response: 1259393
Conc: 9.34 ug/ml



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

R.T.: 17.779 min
Delta R.T.: 0.000 min
Response: 1780079
Conc: 11.21 ug/ml



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

R.T.: 17.986 min

Delta R.T.: 0.000 min

Response: 1603528

Conc: 10.46 ug/ml

Instrument :

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ClientSampleId :

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