

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122024AR\
 Data File : FD048909.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 18:17
 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: Dec 21 04:06:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 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...	7.360	3065566	18.200 ug/ml
Spiked Amount 50.000		Recovery =	36.40%
6) S 2-Fluorobiphenyl (SURR)	8.212	1815977	17.578 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.16%
11) S ortho-Terphenyl (SURR)	11.243	3214761	18.095 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.183	3487184	18.418 ug/ml
2) T Naphthalene (C11.7)	5.700	3635696	19.027 ug/ml
3) T 2-Methylnaphthalene (...)	6.747	3507899	18.984 ug/ml
5) T Acenaphthylene (C15.06)	8.012	3355970	17.982 ug/ml
7) T Acenaphthene (C15.5)	8.305	3493403	18.758 ug/ml
8) T Flouorene (C16.55)	9.085	3218899	18.014 ug/ml
9) T Phenanthrene (C19.36)	10.472	2977896	17.829 ug/ml
10) T Anthracene (C19.43)	10.550	2635414	15.528 ug/ml
12) T Fluoranthene (C21.85)	12.277	2851692	17.422 ug/ml
13) T Pyrene (C20.8)	12.570	2811897	17.289 ug/ml
14) T Benzo[a]anthracene (C...	14.439	2397528	18.148 ug/ml
15) T Chrysene (C27.41)	14.481	3020362	18.709 ug/ml
16) T benzo[b]fluoranthene ...	15.986	2628350	19.523 ug/ml
17) T Bnezo[k]fluoranthene ...	16.017	2689692	17.658 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.366	2658377	19.220 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.731	1892608	17.759 ug/ml
20) T Dibenz[a,h]anthracene...	17.772	2917357	20.116 ug/ml
21) T Benzo[g,h,i]perylene ...	17.979	2663044	18.994 ug/ml

(f)=RT Delta > 1/2 Window

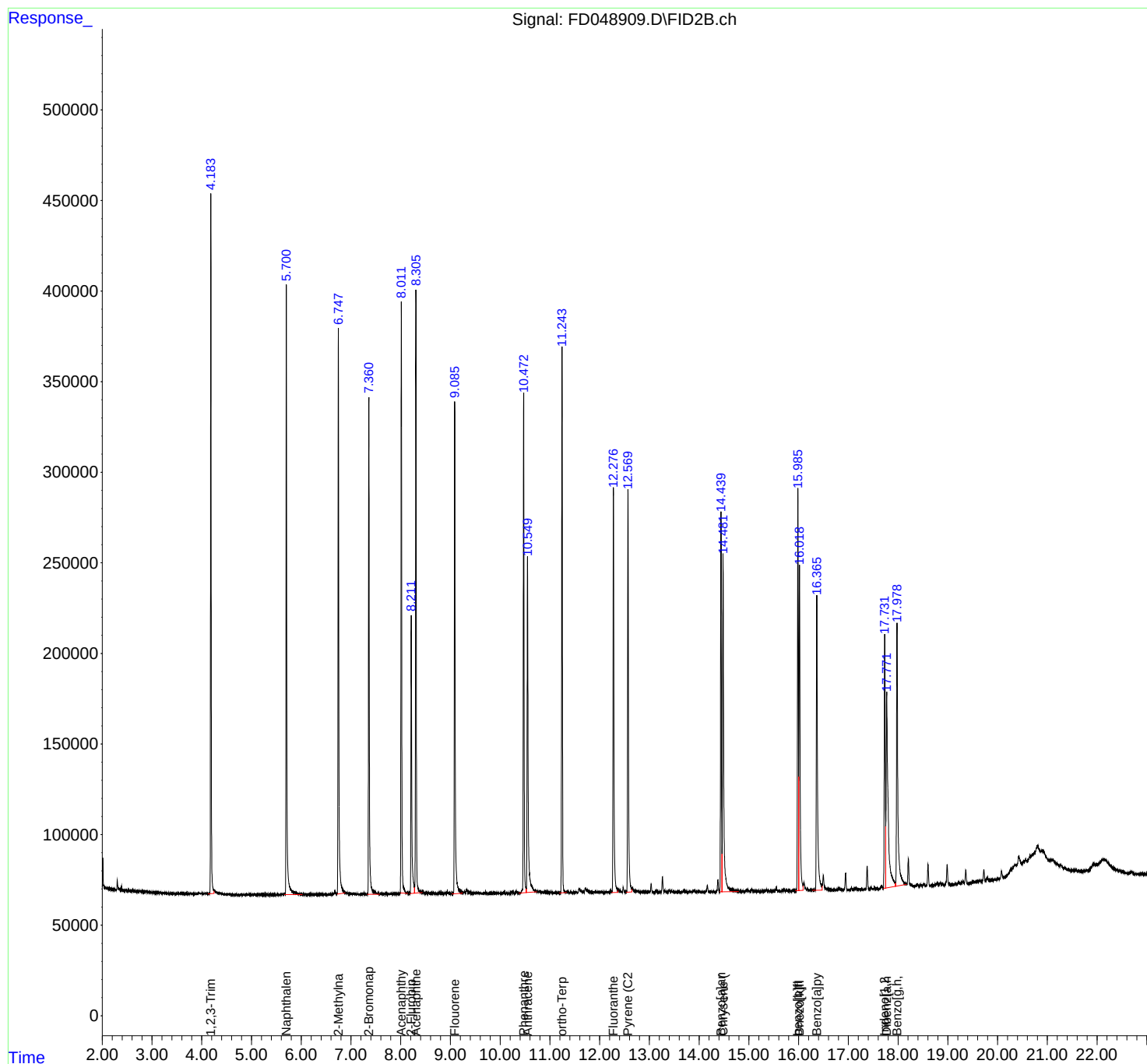
(m)=manual int.

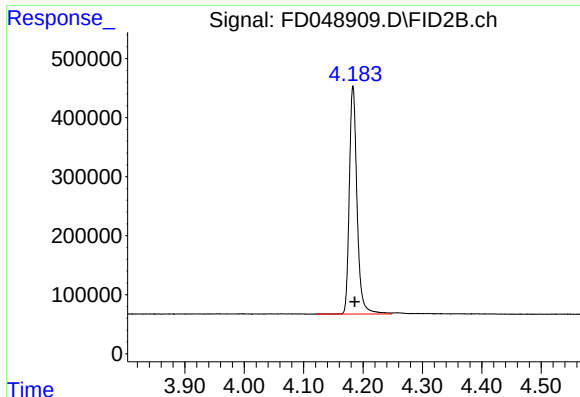
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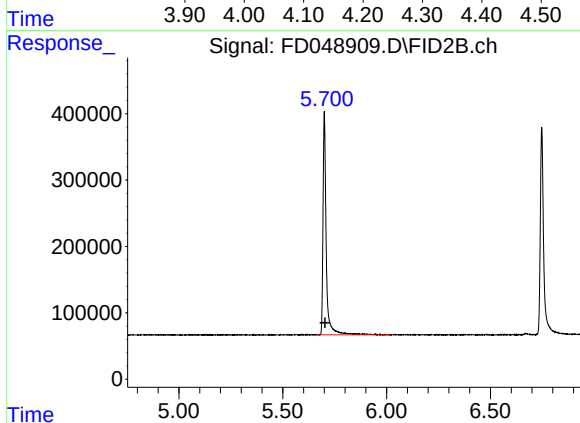




#1 1,2,3-Trimethylbenzene (C10.1)

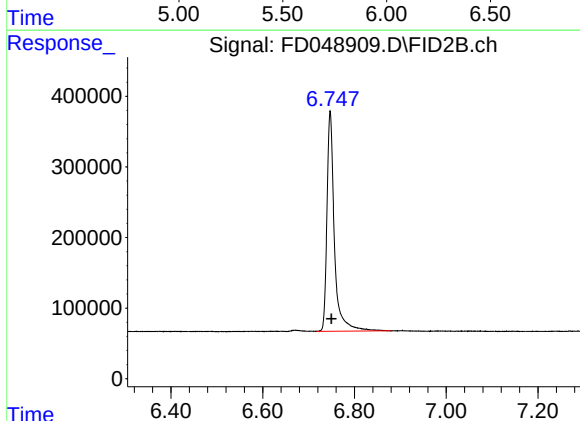
R.T.: 4.183 min
Delta R.T.: -0.003 min
Response: 3487184
Conc: 18.42 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



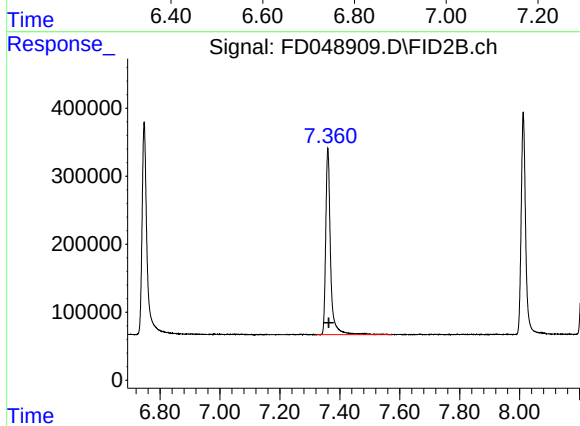
#2 Naphthalene (C11.7)

R.T.: 5.700 min
Delta R.T.: -0.003 min
Response: 3635696
Conc: 19.03 ug/ml



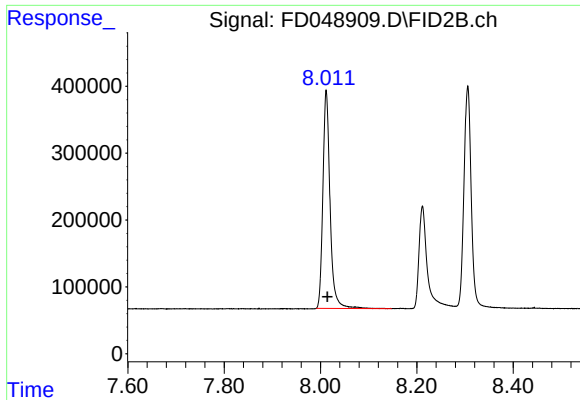
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.747 min
Delta R.T.: -0.003 min
Response: 3507899
Conc: 18.98 ug/ml



#4 2-Bromonaphthalene (SURR)

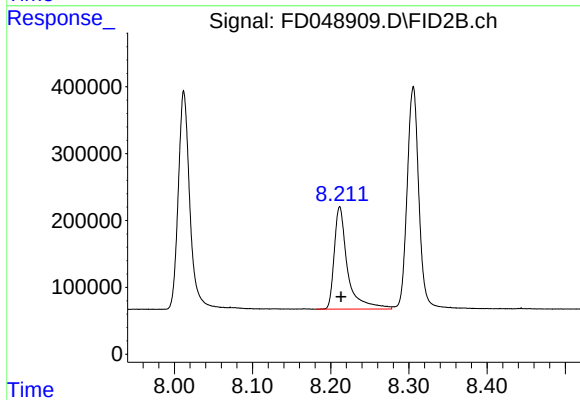
R.T.: 7.360 min
Delta R.T.: -0.002 min
Response: 3065566
Conc: 18.20 ug/ml



#5 Acenaphthylene (C15.06)

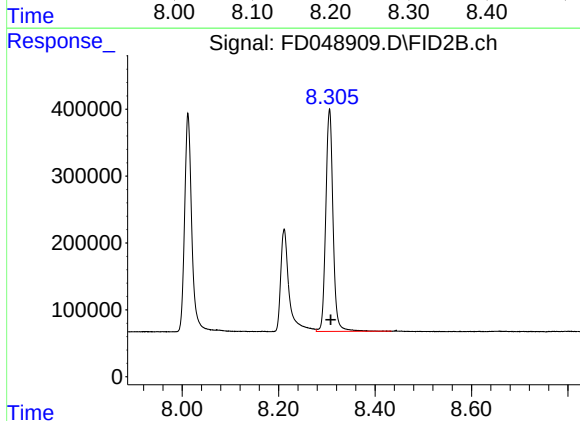
R.T.: 8.012 min
Delta R.T.: -0.002 min
Response: 3355970
Conc: 17.98 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



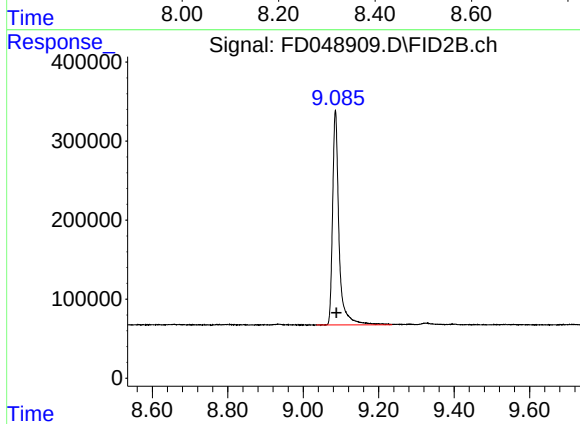
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.212 min
Delta R.T.: -0.001 min
Response: 1815977
Conc: 17.58 ug/ml



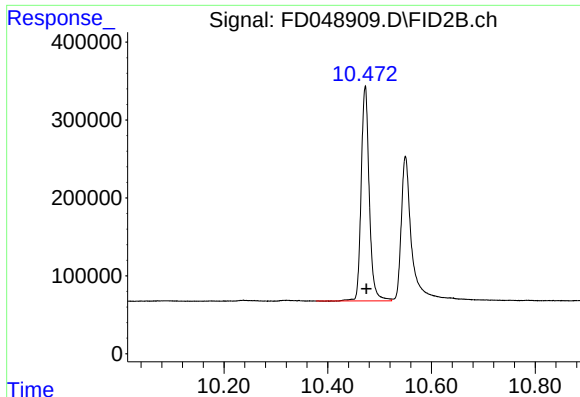
#7 Acenaphthene (C15.5)

R.T.: 8.305 min
Delta R.T.: -0.003 min
Response: 3493403
Conc: 18.76 ug/ml



#8 Fluorene (C16.55)

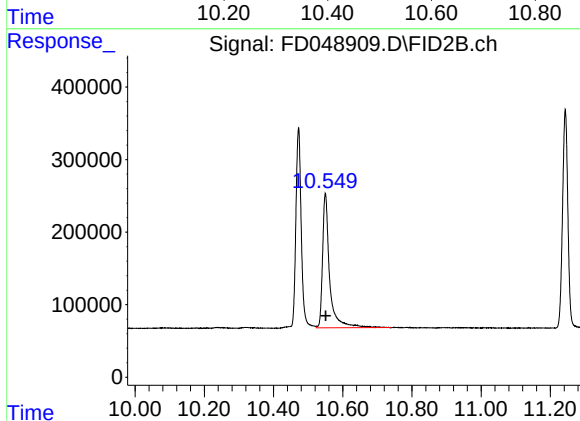
R.T.: 9.085 min
Delta R.T.: -0.003 min
Response: 3218899
Conc: 18.01 ug/ml



#9 Phenanthrene (C19.36)

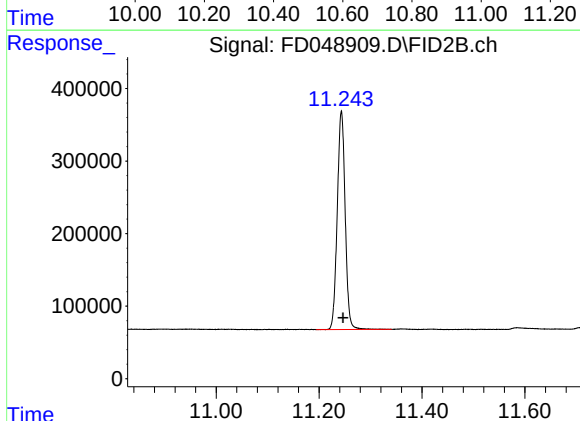
R.T.: 10.472 min
Delta R.T.: -0.003 min
Response: 2977896
Conc: 17.83 ug/ml

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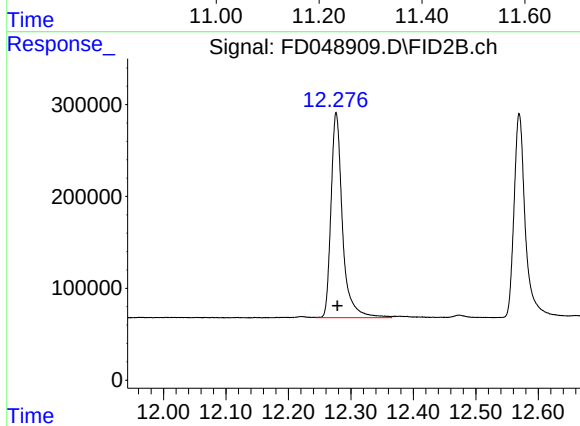
#10 Anthracene (C19.43)

R.T.: 10.550 min
Delta R.T.: 0.000 min
Response: 2635414
Conc: 15.53 ug/ml



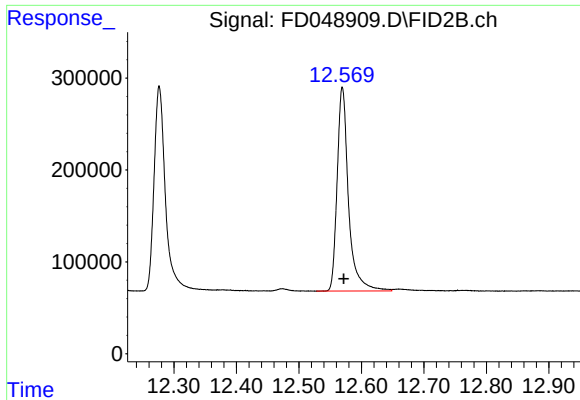
#11 ortho-Terphenyl (SURR)

R.T.: 11.243 min
Delta R.T.: -0.003 min
Response: 3214761
Conc: 18.09 ug/ml



#12 Fluoranthene (C21.85)

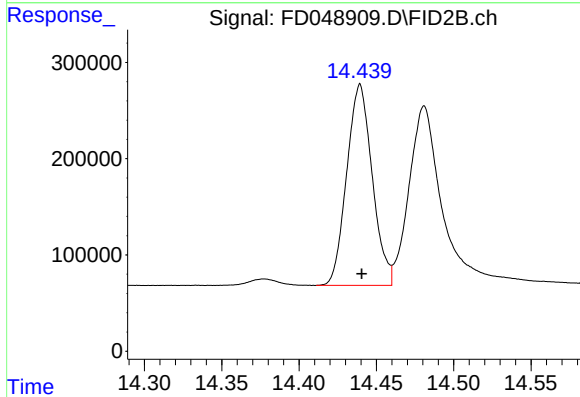
R.T.: 12.277 min
Delta R.T.: -0.002 min
Response: 2851692
Conc: 17.42 ug/ml



#13 Pyrene (C20.8)

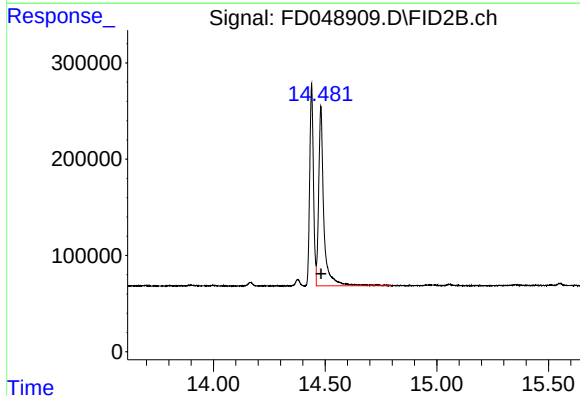
R.T.: 12.570 min
Delta R.T.: -0.002 min
Response: 2811897
Conc: 17.29 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



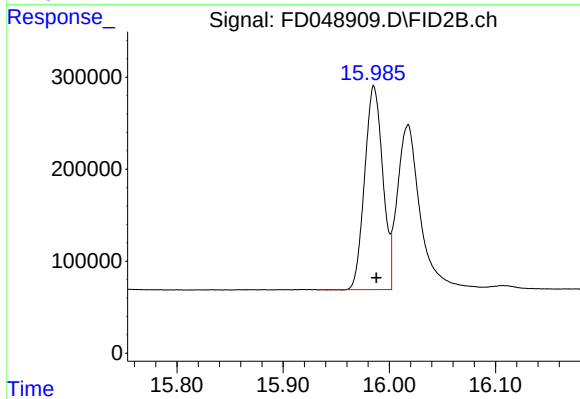
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.439 min
Delta R.T.: -0.001 min
Response: 2397528
Conc: 18.15 ug/ml



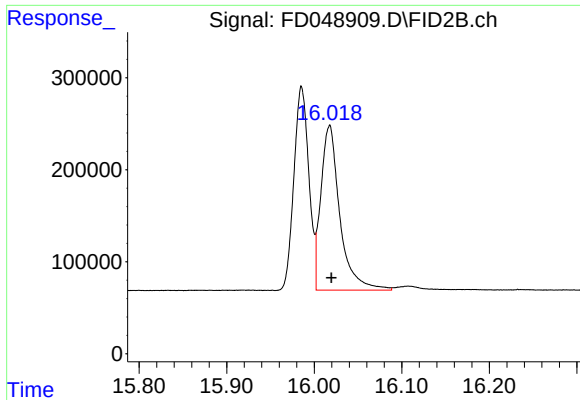
#15 Chrysene (C27.41)

R.T.: 14.481 min
Delta R.T.: 0.000 min
Response: 3020362
Conc: 18.71 ug/ml



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

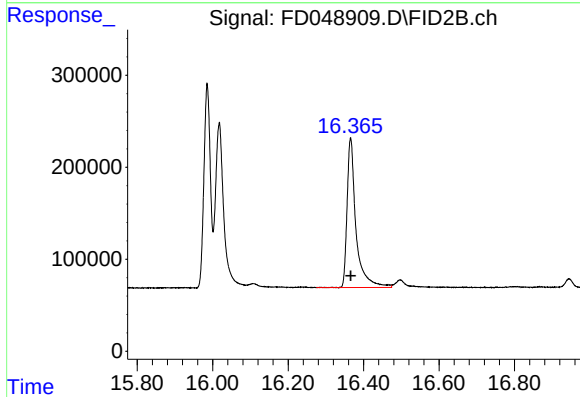
R.T.: 15.986 min
Delta R.T.: -0.002 min
Response: 2628350
Conc: 19.52 ug/ml



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

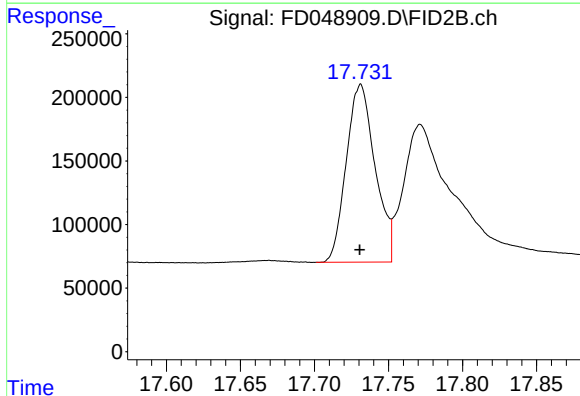
R.T.: 16.017 min
Delta R.T.: -0.002 min
Response: 2689692
Conc: 17.66 ug/ml

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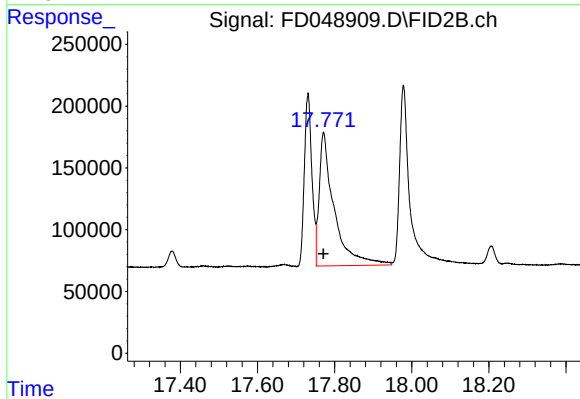
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.366 min
Delta R.T.: 0.000 min
Response: 2658377
Conc: 19.22 ug/ml



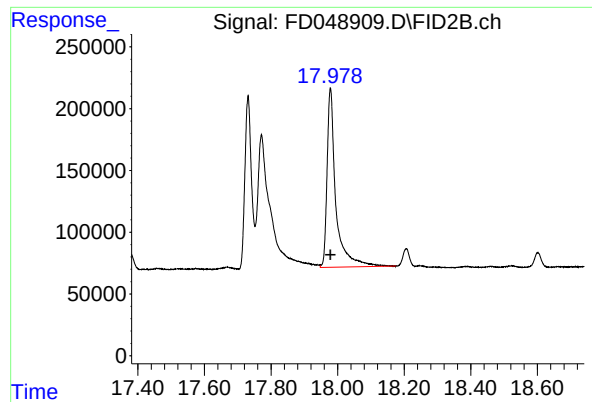
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.731 min
Delta R.T.: 0.000 min
Response: 1892608
Conc: 17.76 ug/ml



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

R.T.: 17.772 min
Delta R.T.: 0.001 min
Response: 2917357
Conc: 20.12 ug/ml



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

R.T.: 17.979 min
Delta R.T.: 0.000 min
Response: 2663044
Conc: 18.99 ug/ml

Instrument :

FID_D

ClientSampleId :

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