

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012925AR\
 Data File : FD048993.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 12:23
 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: Jan 30 00:58:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 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...	7.357	3049856	21.429 ug/ml
Spiked Amount 50.000		Recovery =	42.86%
6) S 2-Fluorobiphenyl (SURR)	8.210	1844345	21.676 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.35%
11) S ortho-Terphenyl (SURR)	11.241	3425273	20.828 ug/ml
Spiked Amount 50.000		Recovery =	41.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.179	3333881	21.628 ug/ml
2) T Naphthalene (C11.7)	5.698	3408992	21.809 ug/ml
3) T 2-Methylnaphthalene (...)	6.745	3328486	21.456 ug/ml
5) T Acenaphthylene (C15.06)	8.009	3450530	21.099 ug/ml
7) T Acenaphthene (C15.5)	8.302	3521045	20.963 ug/ml
8) T Fluorene (C16.55)	9.084	3356144	21.454 ug/ml
9) T Phenanthrene (C19.36)	10.471	3228421	21.198 ug/ml
10) T Anthracene (C19.43)	10.548	3268788	21.459 ug/ml
12) T Fluoranthene (C21.85)	12.276	3318807	21.099 ug/ml
13) T Pyrene (C20.8)	12.569	3269904	20.757 ug/ml
14) T Benzo[a]anthracene (C...	14.439	2918093	22.677 ug/ml
15) T Chrysene (C27.41)	14.480	3486395	20.618 ug/ml
16) T benzo[b]fluoranthene ...	15.986	3030929	22.183 ug/ml
17) T Bnezo[k]fluoranthene ...	16.018	3356315	20.724 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.367	2999602	21.552 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.733	2138522	20.505 ug/ml
20) T Dibenz[a,h]anthracene...	17.775	3133323	21.949 ug/ml
21) T Benzo[g,h,i]perylene ...	17.979	3021706	21.184 ug/ml

(f)=RT Delta > 1/2 Window

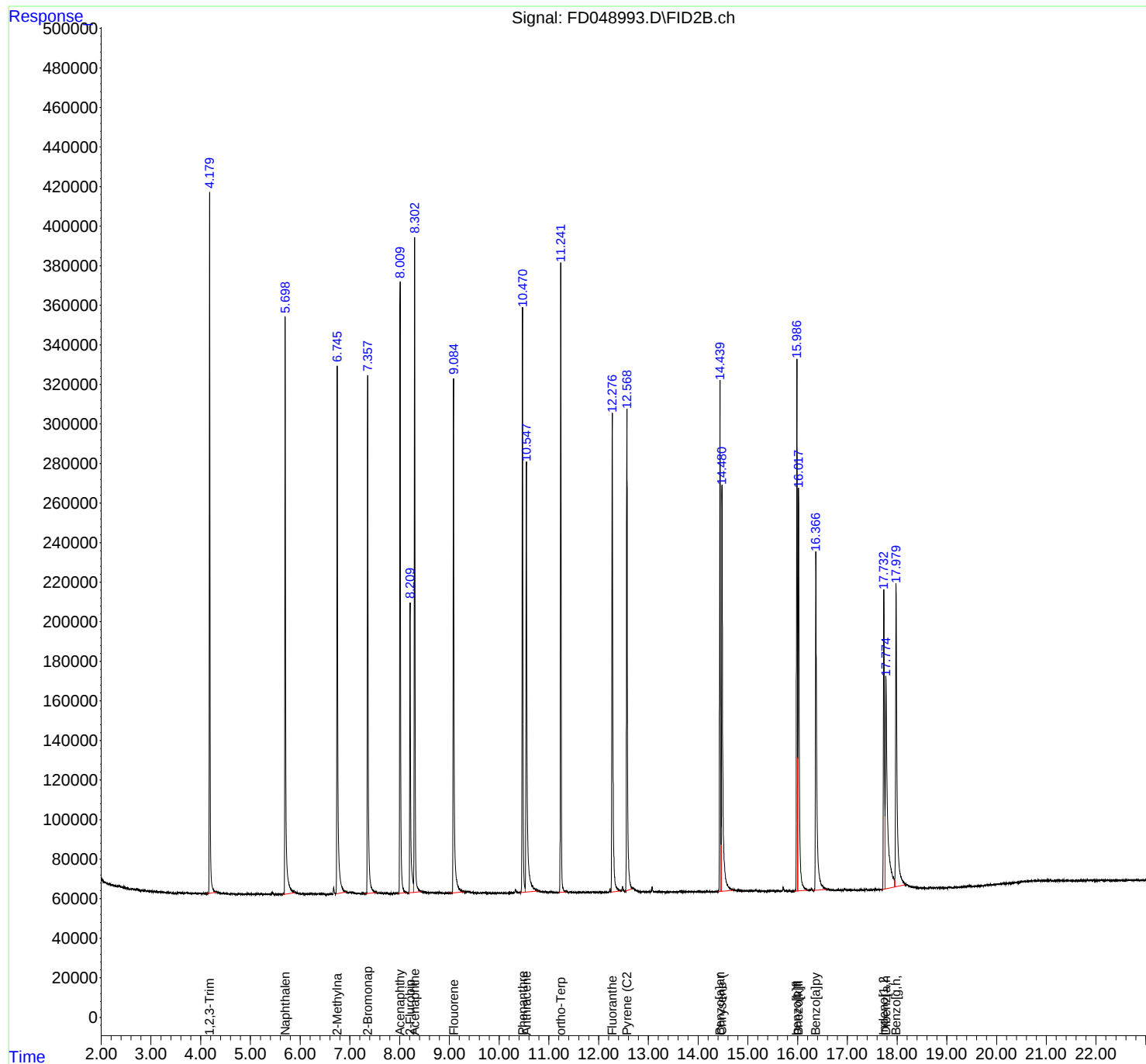
(m)=manual int.

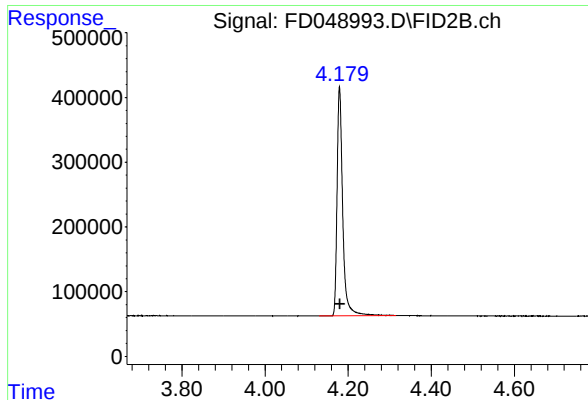
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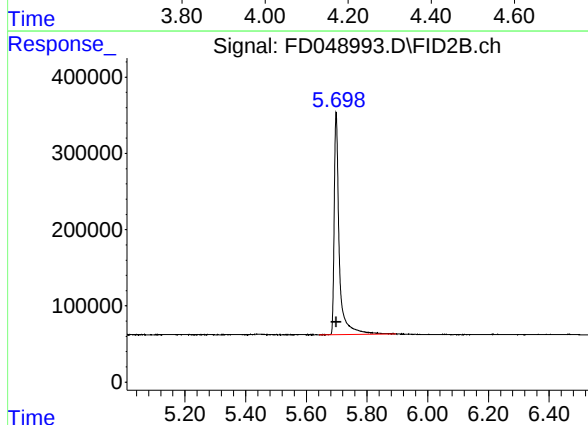




#1 1,2,3-Trimethylbenzene (C10.1)

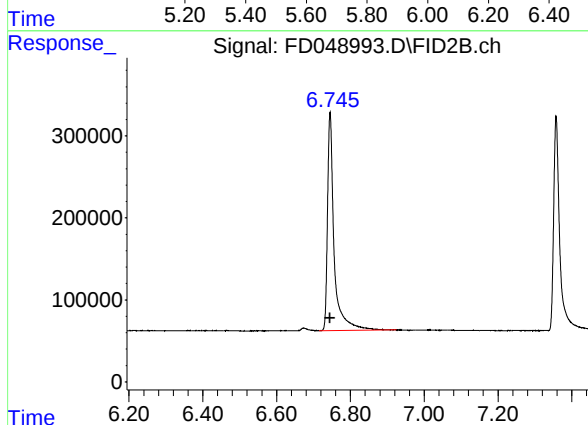
R.T.: 4.179 min
Delta R.T.: 0.000 min
Response: 3333881
Conc: 21.63 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



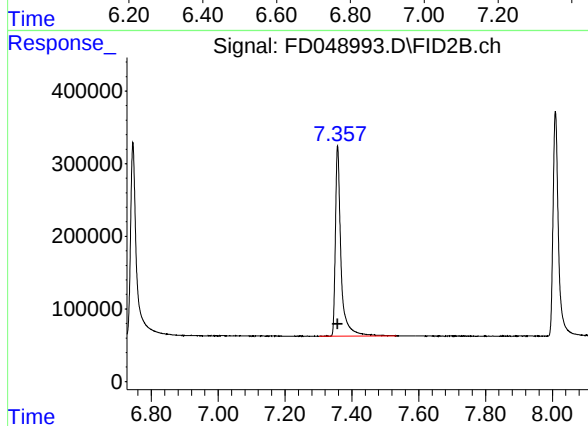
#2 Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 3408992
Conc: 21.81 ug/ml



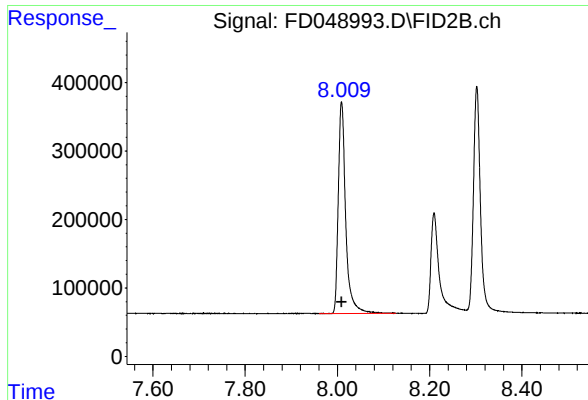
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 3328486
Conc: 21.46 ug/ml



#4 2-Bromonaphthalene (SURR)

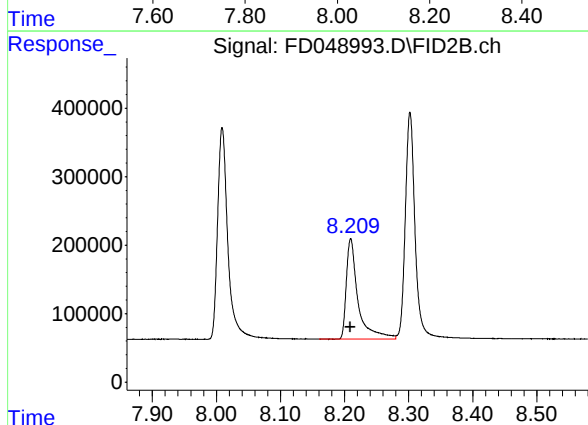
R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 3049856
Conc: 21.43 ug/ml



#5 Acenaphthylene (C15.06)

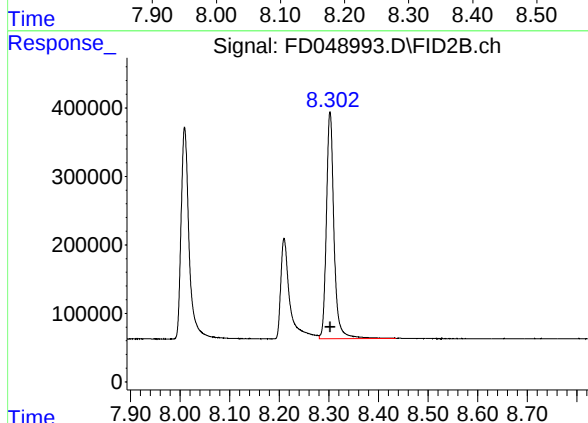
R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 3450530
Conc: 21.10 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



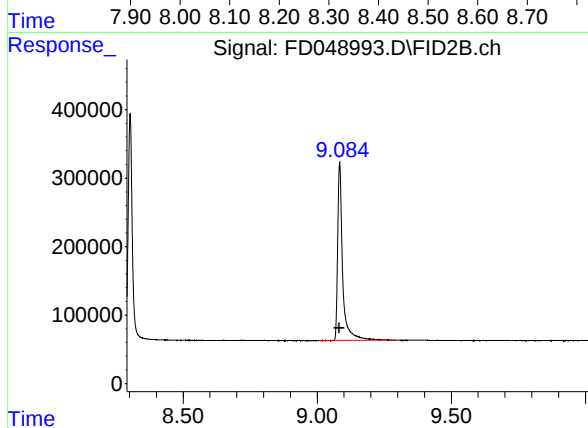
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.210 min
Delta R.T.: 0.000 min
Response: 1844345
Conc: 21.68 ug/ml



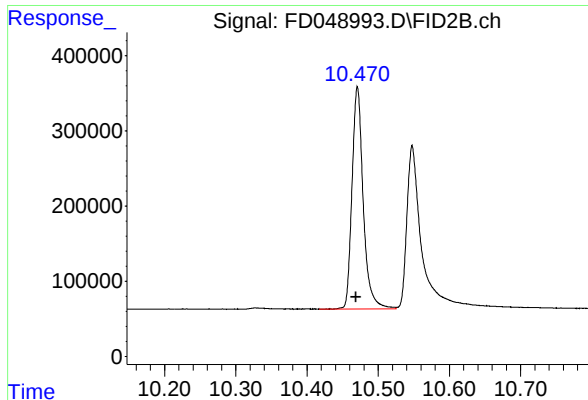
#7 Acenaphthene (C15.5)

R.T.: 8.302 min
Delta R.T.: 0.000 min
Response: 3521045
Conc: 20.96 ug/ml



#8 Flouorene (C16.55)

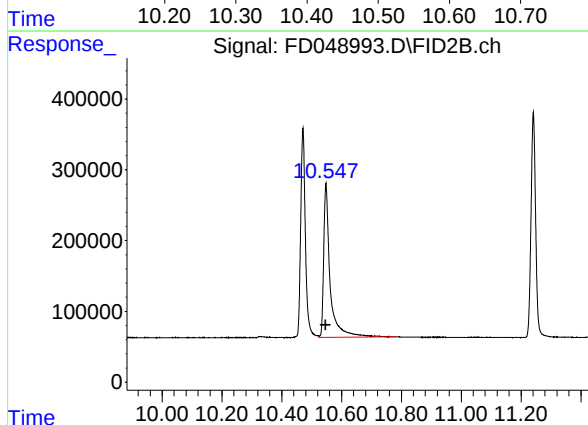
R.T.: 9.084 min
Delta R.T.: 0.001 min
Response: 3356144
Conc: 21.45 ug/ml



#9 Phenanthrene (C19.36)

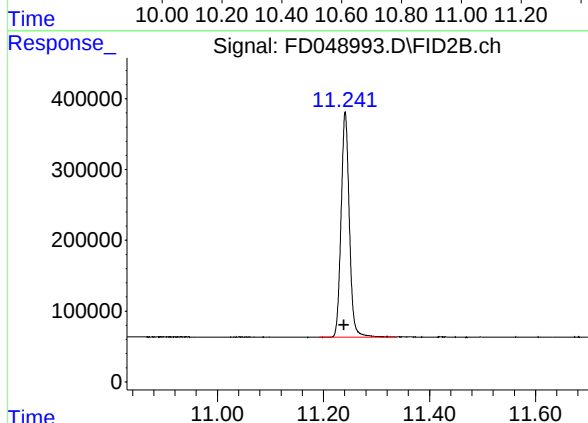
R.T.: 10.471 min
Delta R.T.: 0.002 min
Response: 3228421
Conc: 21.20 ug/ml

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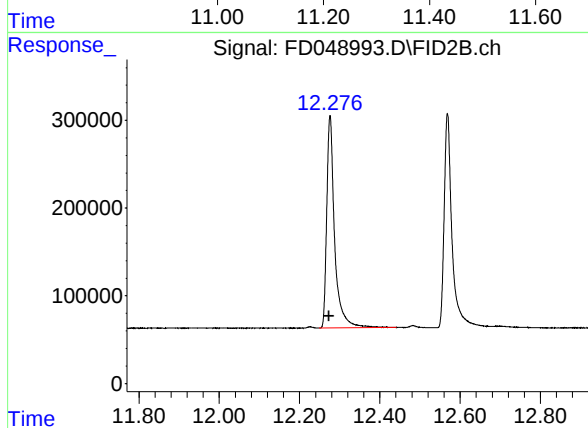
#10 Anthracene (C19.43)

R.T.: 10.548 min
Delta R.T.: 0.002 min
Response: 3268788
Conc: 21.46 ug/ml



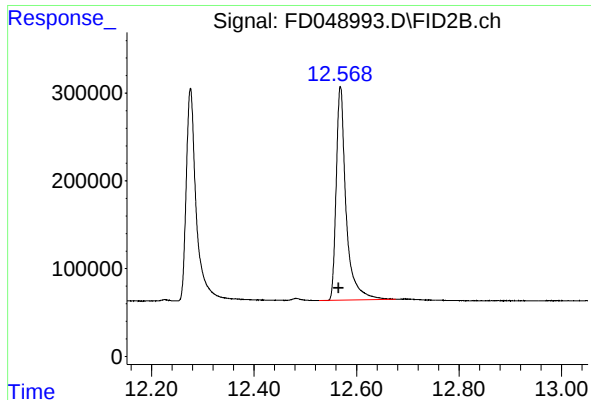
#11 ortho-Terphenyl (SURRE)

R.T.: 11.241 min
Delta R.T.: 0.002 min
Response: 3425273
Conc: 20.83 ug/ml



#12 Fluoranthene (C21.85)

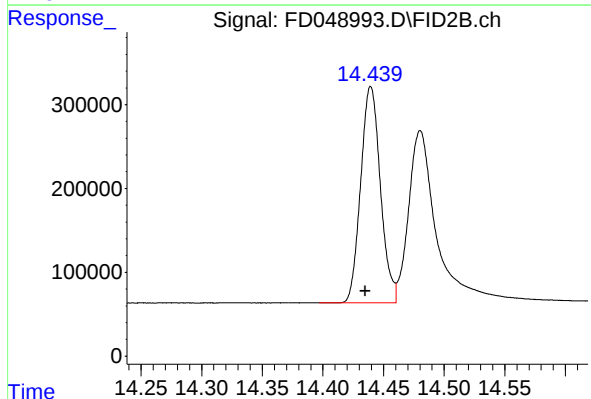
R.T.: 12.276 min
Delta R.T.: 0.003 min
Response: 3318807
Conc: 21.10 ug/ml



#13 Pyrene (C20.8)

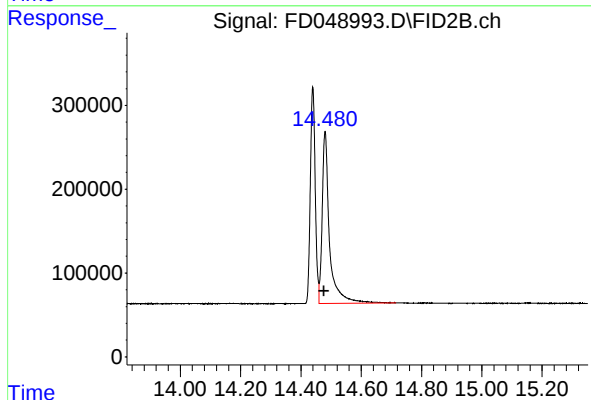
R.T.: 12.569 min
Delta R.T.: 0.003 min
Response: 3269904
Conc: 20.76 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



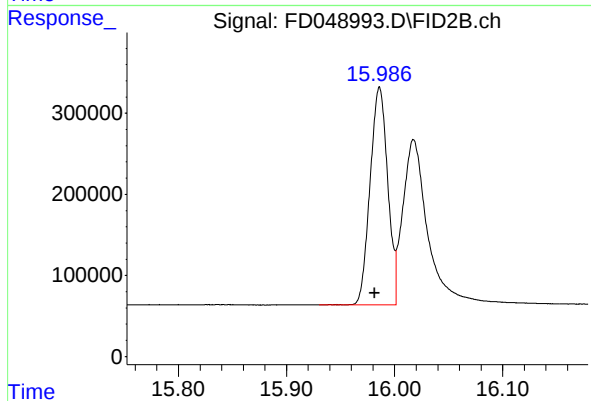
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.439 min
Delta R.T.: 0.004 min
Response: 2918093
Conc: 22.68 ug/ml



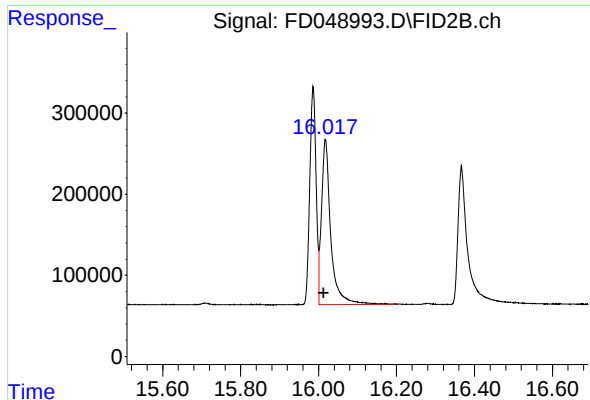
#15 Chrysene (C27.41)

R.T.: 14.480 min
Delta R.T.: 0.004 min
Response: 3486395
Conc: 20.62 ug/ml



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

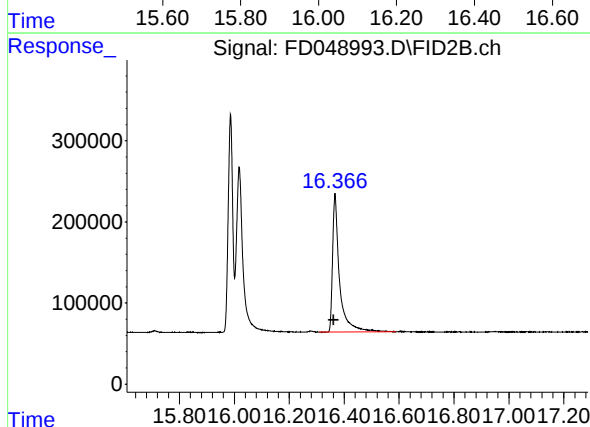
R.T.: 15.986 min
Delta R.T.: 0.004 min
Response: 3030929
Conc: 22.18 ug/ml



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

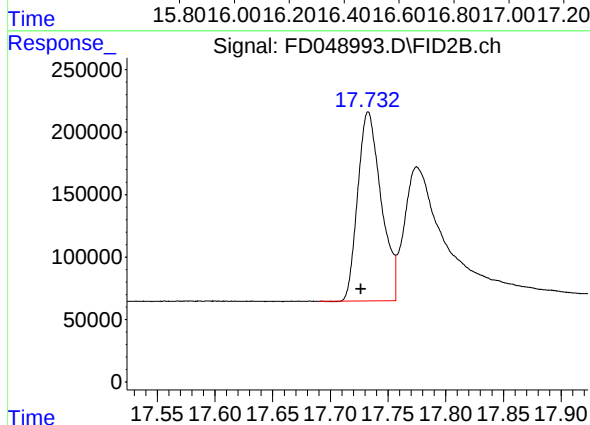
R.T.: 16.018 min
Delta R.T.: 0.005 min
Response: 3356315
Conc: 20.72 ug/ml

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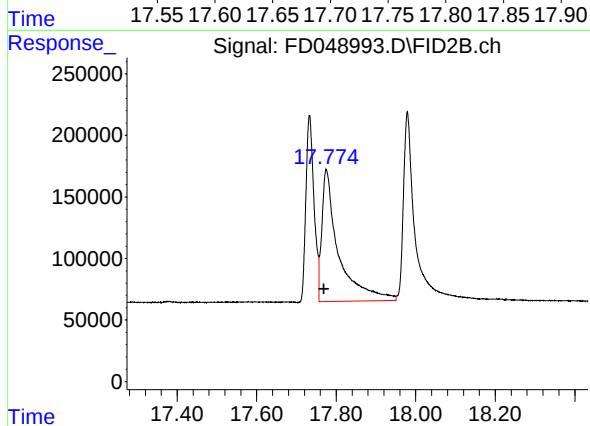
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.367 min
Delta R.T.: 0.005 min
Response: 2999602
Conc: 21.55 ug/ml



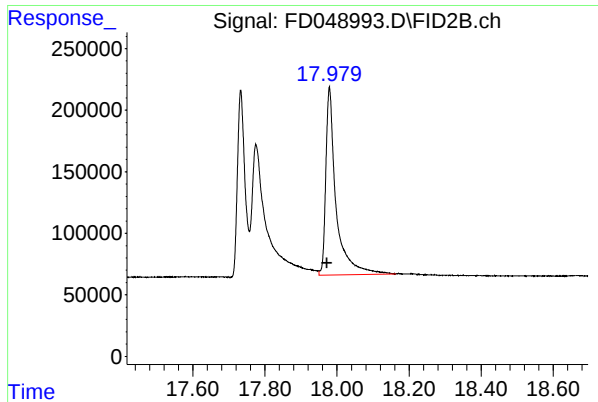
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.733 min
Delta R.T.: 0.006 min
Response: 2138522
Conc: 20.51 ug/ml



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

R.T.: 17.775 min
Delta R.T.: 0.006 min
Response: 3133323
Conc: 21.95 ug/ml



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

R.T.: 17.979 min
Delta R.T.: 0.007 min
Response: 3021706
Conc: 21.18 ug/ml

Instrument :
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