

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012825AR\
 Data File : FD048966.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jan 2025 15:06
 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 29 02:10:51 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...	7.354	2955271	20.765 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
6) S 2-Fluorobiphenyl (SURR)	8.206	1825763	21.457 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.91%
11) S ortho-Terphenyl (SURR)	11.240	3328258	20.238 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	3201194	20.767 ug/ml
2) T Naphthalene (C11.7)	5.694	3276274	20.960 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	3230426	20.824 ug/ml
5) T Acenaphthylene (C15.06)	8.006	3323055	20.319 ug/ml
7) T Acenaphthene (C15.5)	8.300	3370581	20.067 ug/ml
8) T Fluorene (C16.55)	9.080	3219383	20.580 ug/ml
9) T Phenanthrene (C19.36)	10.468	3161455	20.758 ug/ml
10) T Anthracene (C19.43)	10.546	2693336	17.681 ug/ml
12) T Fluoranthene (C21.85)	12.274	3251935	20.674 ug/ml
13) T Pyrene (C20.8)	12.566	3176644	20.165 ug/ml
14) T Benzo[a]anthracene (C...	14.437	2794103	21.714 ug/ml
15) T Chrysene (C27.41)	14.478	3351398	19.819 ug/ml
16) T benzo[b]fluoranthene ...	15.985	2944020	21.547 ug/ml
17) T Bnezo[k]fluoranthene ...	16.015	3229473	19.940 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.364	2791507	20.057 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.729	2149769	20.613 ug/ml
20) T Dibenz[a,h]anthracene...	17.770	3198421	22.405 ug/ml
21) T Benzo[g,h,i]perylene ...	17.977	2931873	20.554 ug/ml

(f)=RT Delta > 1/2 Window

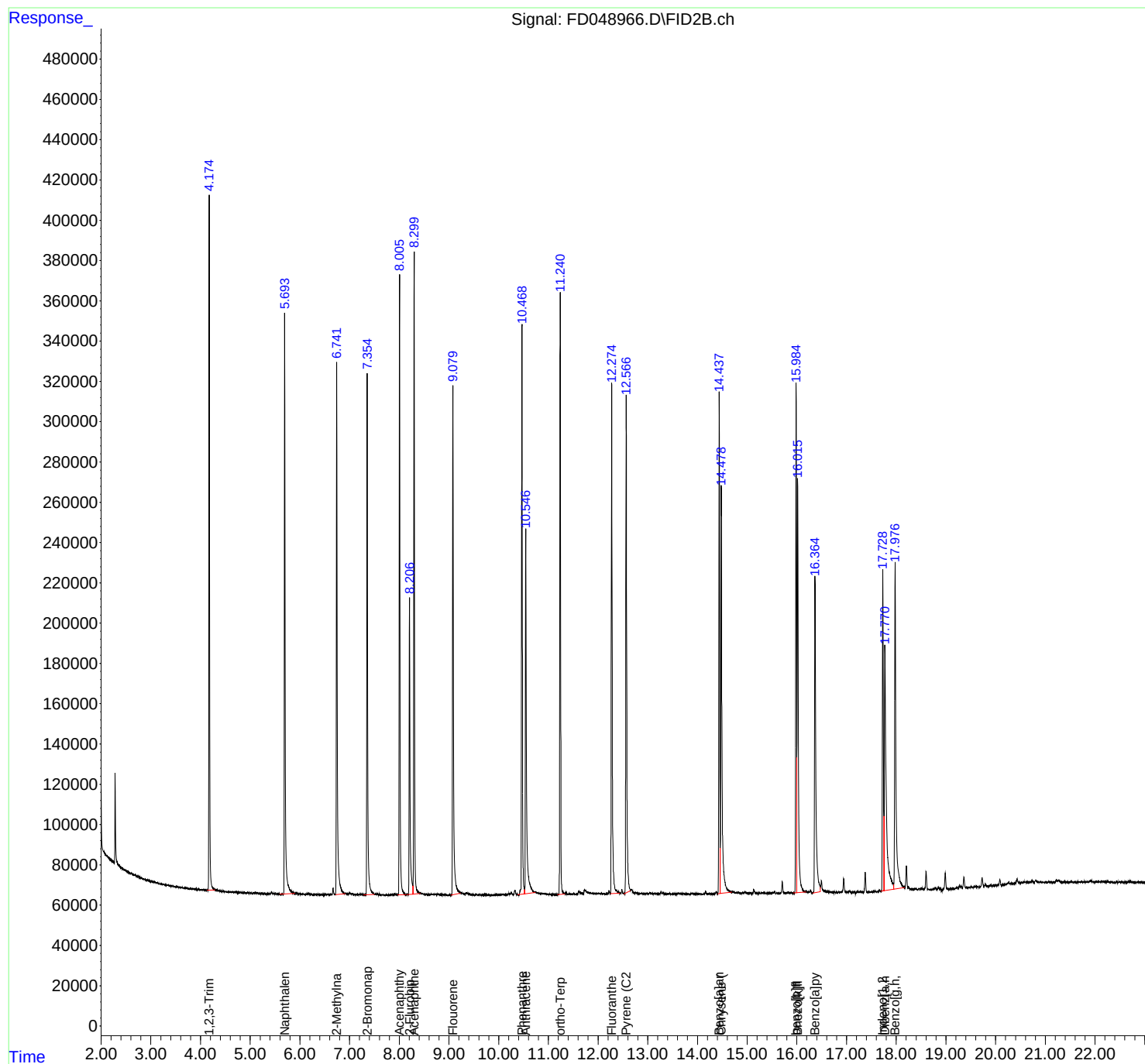
(m)=manual int.

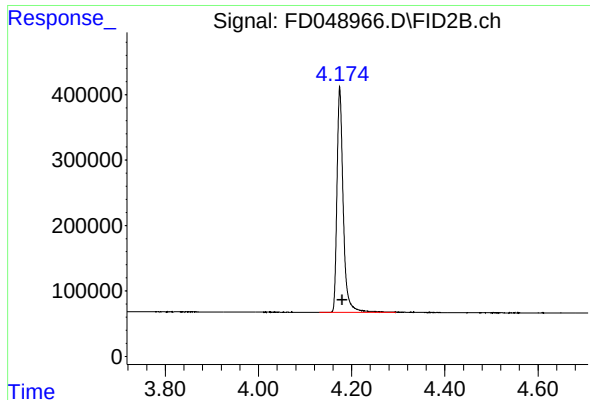
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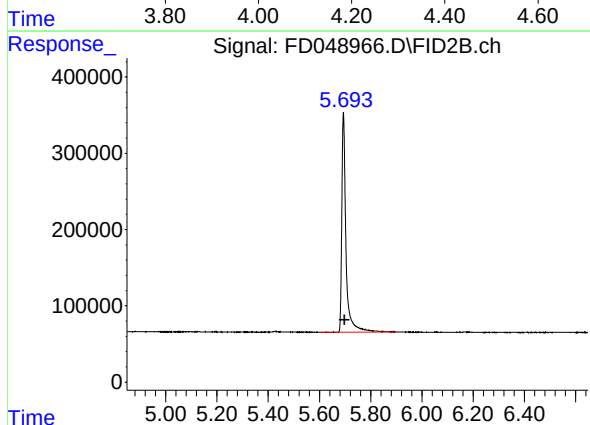




#1 1,2,3-Trimethylbenzene (C10.1)

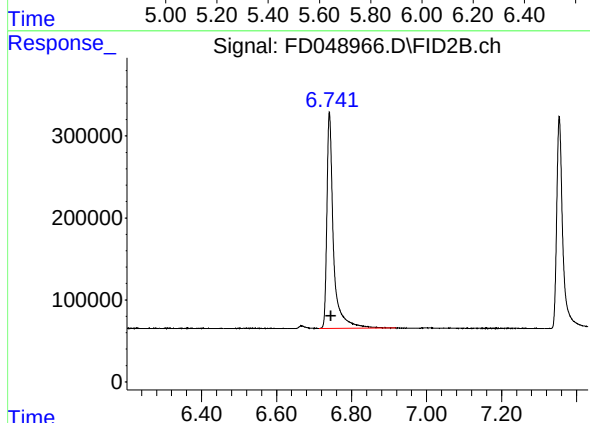
R.T.: 4.175 min
Delta R.T.: -0.005 min
Response: 3201194
Conc: 20.77 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



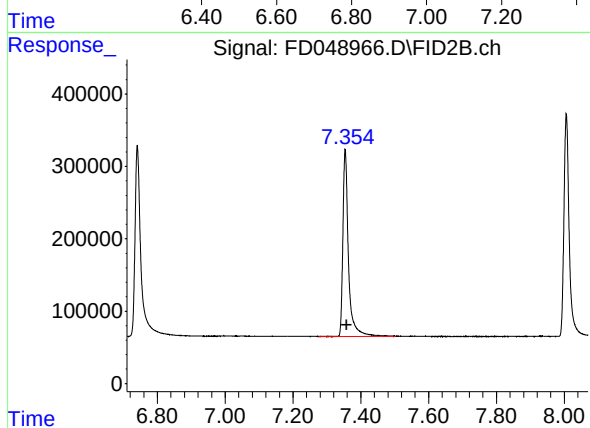
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: -0.005 min
Response: 3276274
Conc: 20.96 ug/ml



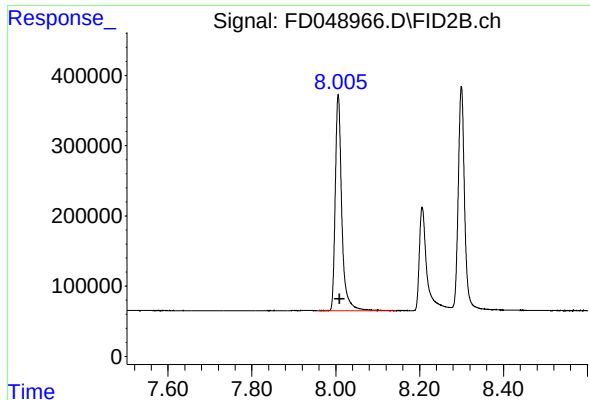
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 3230426
Conc: 20.82 ug/ml



#4 2-Bromonaphthalene (SURR)

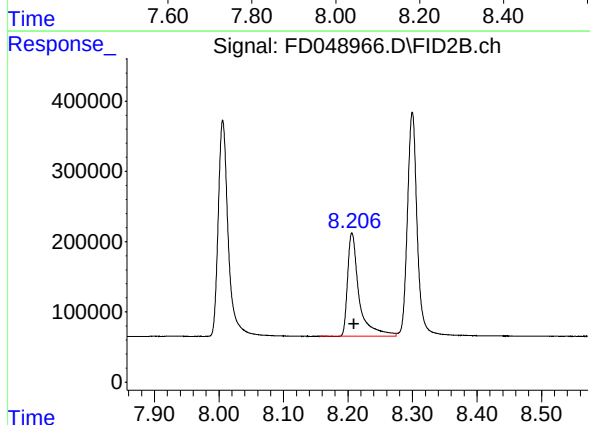
R.T.: 7.354 min
Delta R.T.: -0.004 min
Response: 2955271
Conc: 20.76 ug/ml



#5 Acenaphthylene (C15.06)

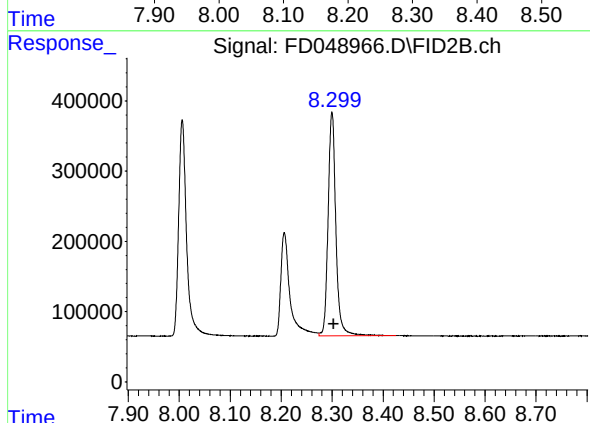
R.T.: 8.006 min
Delta R.T.: -0.003 min
Response: 3323055
Conc: 20.32 ug/ml

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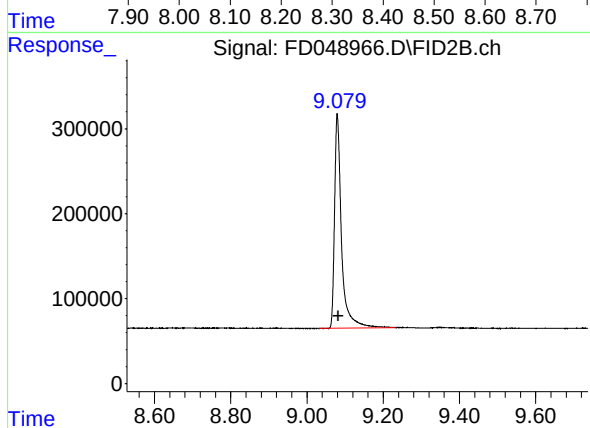
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.206 min
Delta R.T.: -0.003 min
Response: 1825763
Conc: 21.46 ug/ml



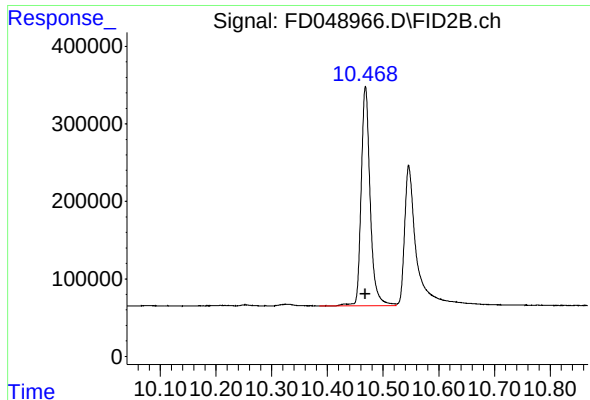
#7 Acenaphthene (C15.5)

R.T.: 8.300 min
Delta R.T.: -0.003 min
Response: 3370581
Conc: 20.07 ug/ml



#8 Flouorene (C16.55)

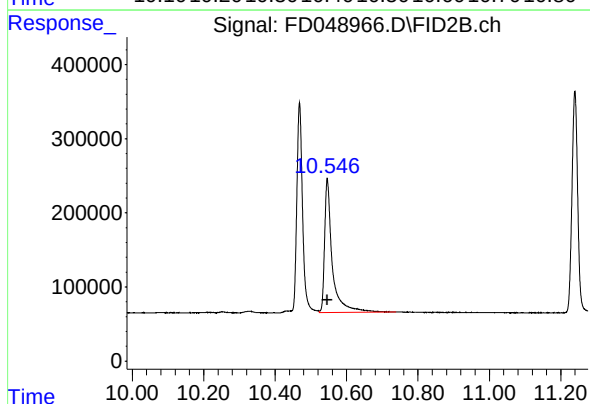
R.T.: 9.080 min
Delta R.T.: -0.003 min
Response: 3219383
Conc: 20.58 ug/ml



#9 Phenanthrene (C19.36)

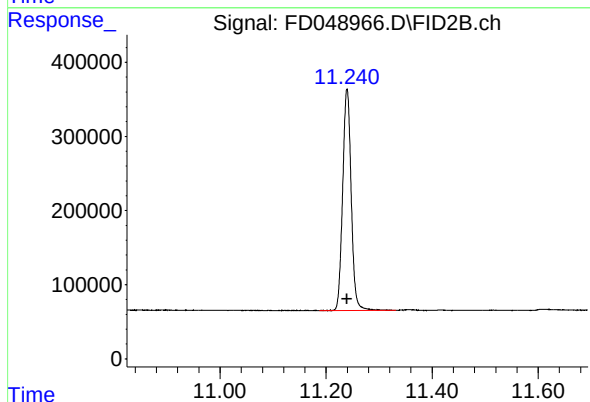
R.T.: 10.468 min
Delta R.T.: 0.000 min
Response: 3161455
Conc: 20.76 ug/ml

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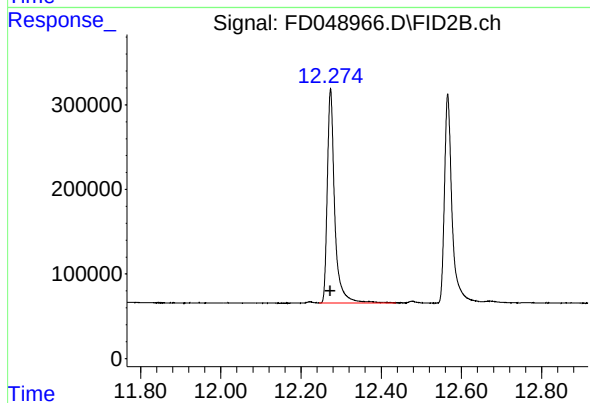
#10 Anthracene (C19.43)

R.T.: 10.546 min
Delta R.T.: 0.000 min
Response: 2693336
Conc: 17.68 ug/ml



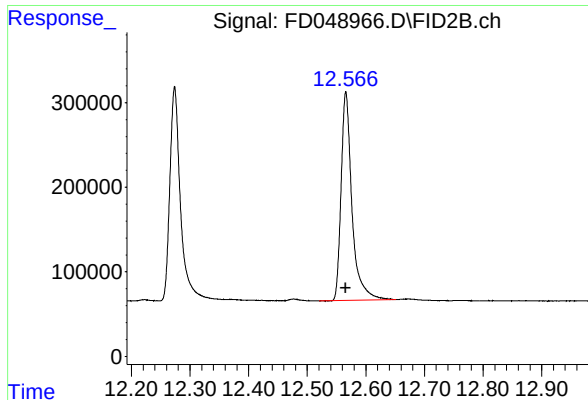
#11 ortho-Terphenyl (SURR)

R.T.: 11.240 min
Delta R.T.: 0.000 min
Response: 3328258
Conc: 20.24 ug/ml



#12 Fluoranthene (C21.85)

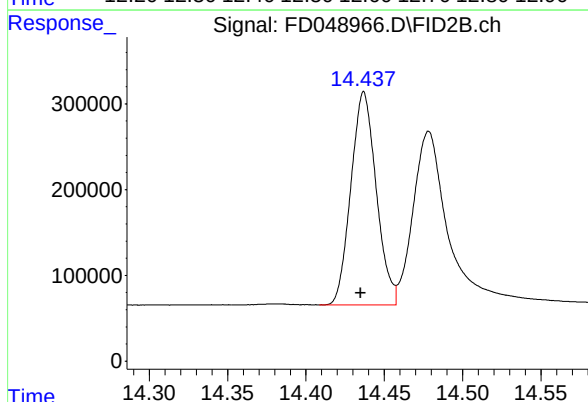
R.T.: 12.274 min
Delta R.T.: 0.000 min
Response: 3251935
Conc: 20.67 ug/ml



#13 Pyrene (C20.8)

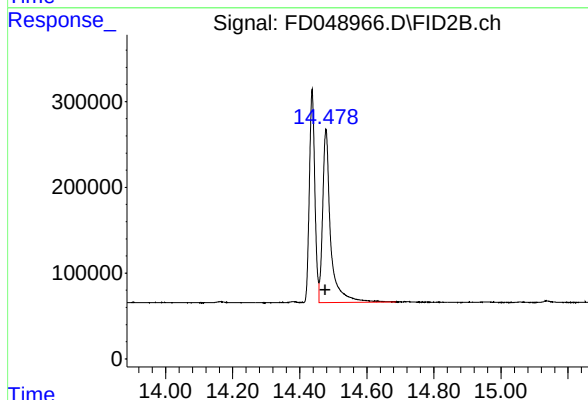
R.T.: 12.566 min
Delta R.T.: 0.000 min
Response: 3176644
Conc: 20.16 ug/ml

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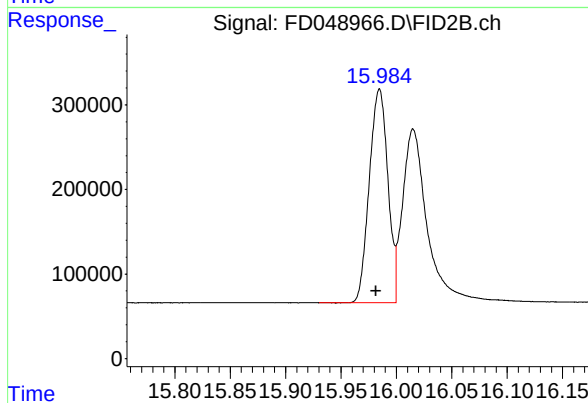
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.437 min
Delta R.T.: 0.002 min
Response: 2794103
Conc: 21.71 ug/ml



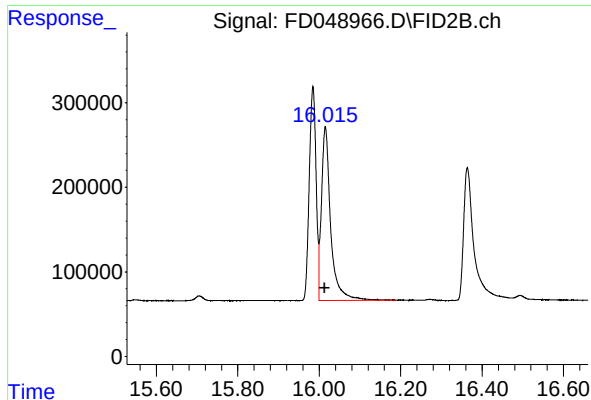
#15 Chrysene (C27.41)

R.T.: 14.478 min
Delta R.T.: 0.002 min
Response: 3351398
Conc: 19.82 ug/ml



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

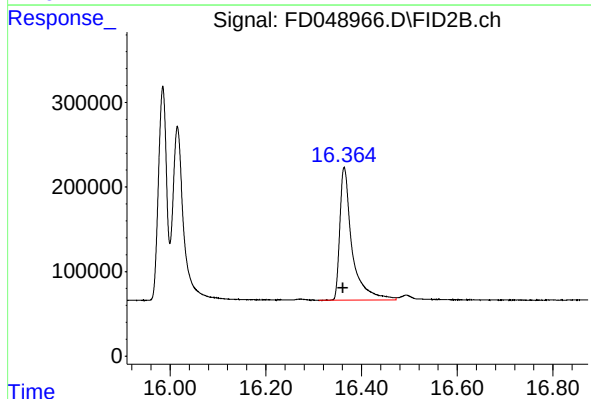
R.T.: 15.985 min
Delta R.T.: 0.003 min
Response: 2944020
Conc: 21.55 ug/ml



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

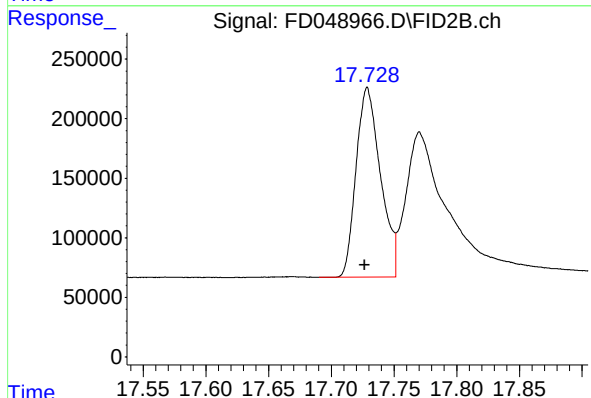
R.T.: 16.015 min
Delta R.T.: 0.002 min
Response: 3229473
Conc: 19.94 ug/ml

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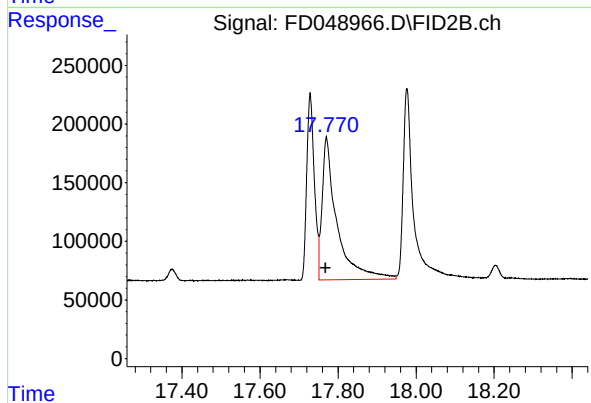
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min
Delta R.T.: 0.002 min
Response: 2791507
Conc: 20.06 ug/ml



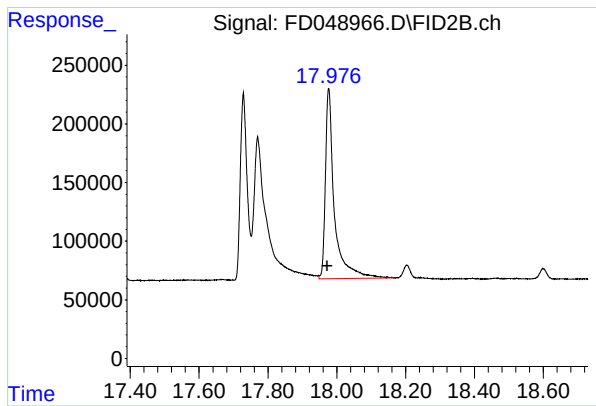
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.729 min
Delta R.T.: 0.002 min
Response: 2149769
Conc: 20.61 ug/ml



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

R.T.: 17.770 min
Delta R.T.: 0.001 min
Response: 3198421
Conc: 22.40 ug/ml



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

R.T.: 17.977 min
Delta R.T.: 0.004 min
Response: 2931873
Conc: 20.55 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD