

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120924AR\
 Data File : FD048848.D
 Signal(s) : FID2B.ch
 Acq On : 09 Dec 2024 09:38
 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 09 12:47:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.362	3344687	18.998 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
6) S 2-Fluorobiphenyl (SURR)	8.212	2150566	18.673 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.35%
11) S ortho-Terphenyl (SURR)	11.246	3595915	18.696 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.186	3735883	19.823 ug/ml
2) T Naphthalene (C11.7)	5.702	3770153	19.277 ug/ml
3) T 2-Methylnaphthalene (...)	6.749	3671659	19.213 ug/ml
5) T Acenaphthylene (C15.06)	8.014	3724553	19.206 ug/ml
7) T Acenaphthene (C15.5)	8.308	3678832	19.126 ug/ml
8) T Fluorene (C16.55)	9.087	3594920	18.738 ug/ml
9) T Phenanthrene (C19.36)	10.474	3403742	18.569 ug/ml
10) T Anthracene (C19.43)	10.550	3416871	18.246 ug/ml
12) T Fluoranthene (C21.85)	12.278	3330205	18.186 ug/ml
13) T Pyrene (C20.8)	12.570	3269612	18.085 ug/ml
14) T Benzo[a]anthracene (C...	14.441	2862225	17.399 ug/ml
15) T Chrysene (C27.41)	14.482	3096271	17.692 ug/ml
16) T benzo[b]fluoranthene ...	15.987	2795945	17.795 ug/ml
17) T Bnezo[k]fluoranthene ...	16.019	2893652	17.731 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.365	2680547	17.978 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.730	2219232	17.965 ug/ml
20) T Dibenz[a,h]anthracene...	17.769	2926067	18.660 ug/ml
21) T Benzo[g,h,i]perylene ...	17.979	2759273	19.338 ug/ml

(f)=RT Delta > 1/2 Window

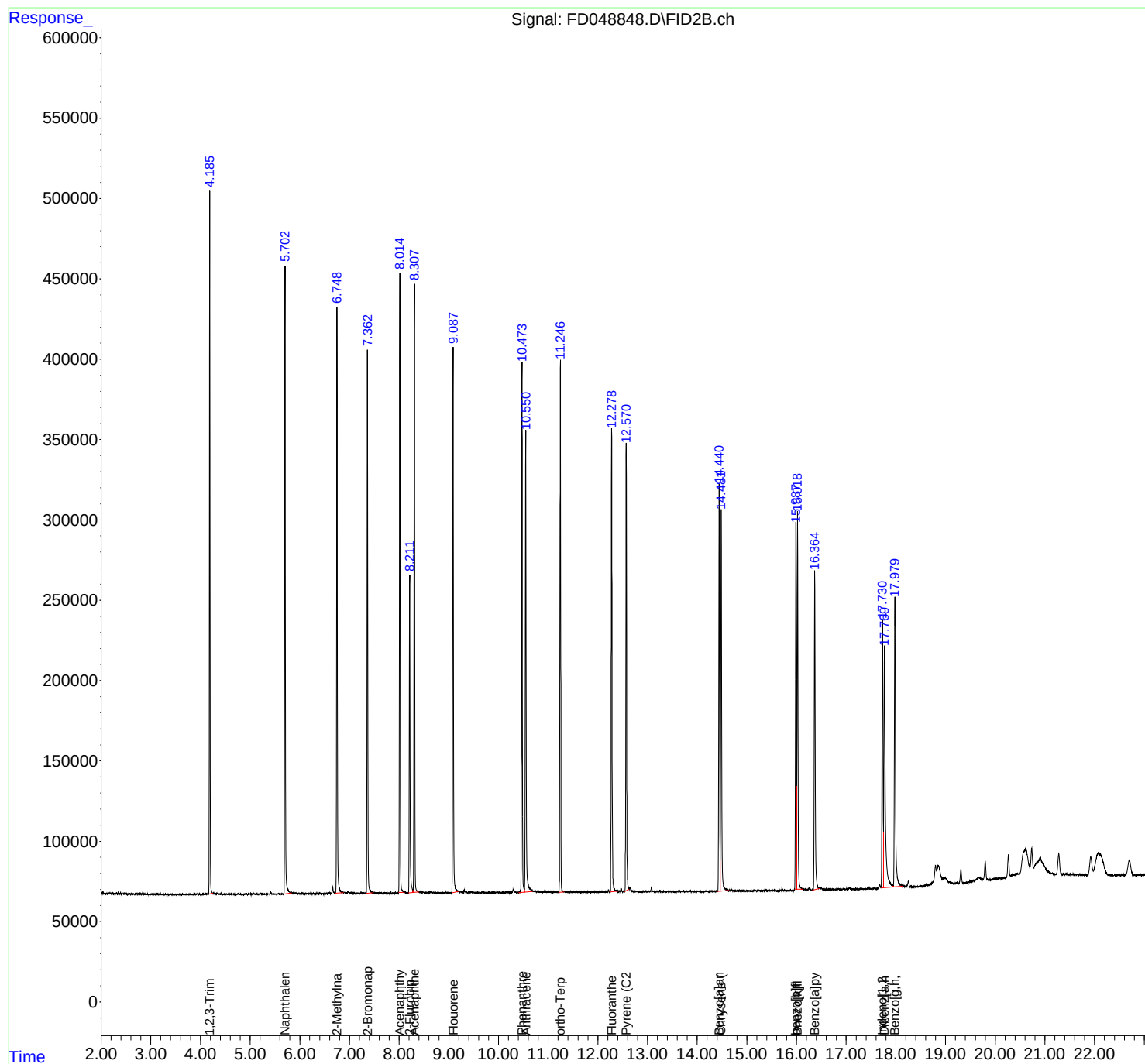
(m)=manual int.

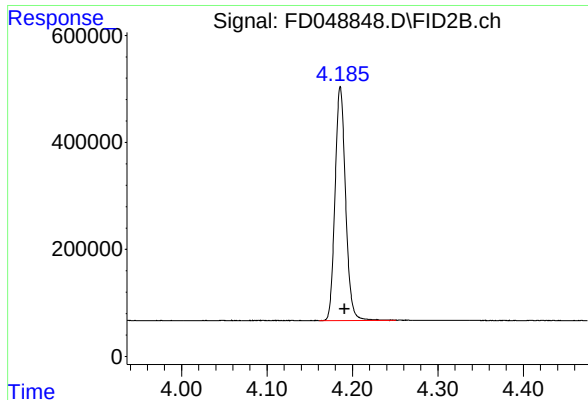
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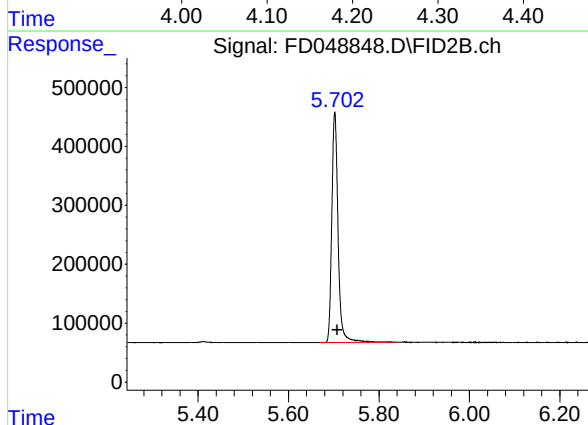




#1 1,2,3-Trimethylbenzene (C10.1)

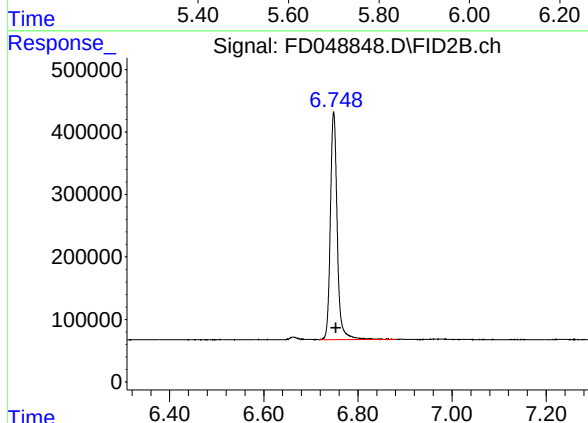
R.T.: 4.186 min
Delta R.T.: -0.005 min
Response: 3735883
Conc: 19.82 ug/ml

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20 PPM AROMATIC HC STD



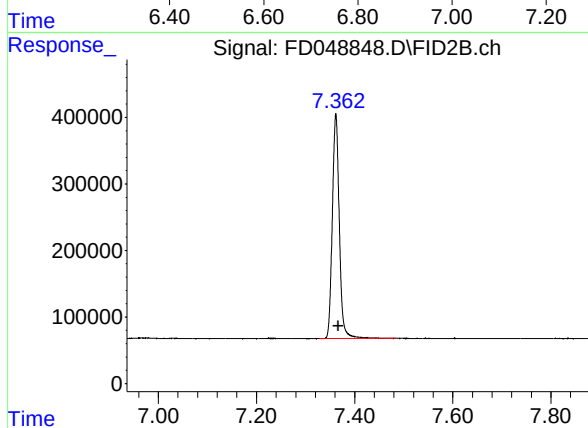
#2 Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: -0.005 min
Response: 3770153
Conc: 19.28 ug/ml



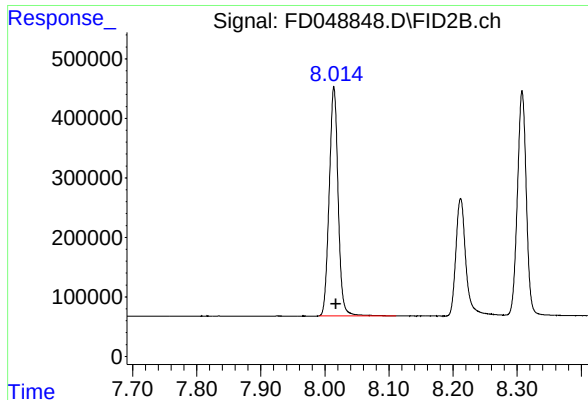
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 3671659
Conc: 19.21 ug/ml



#4 2-Bromonaphthalene (SURR)

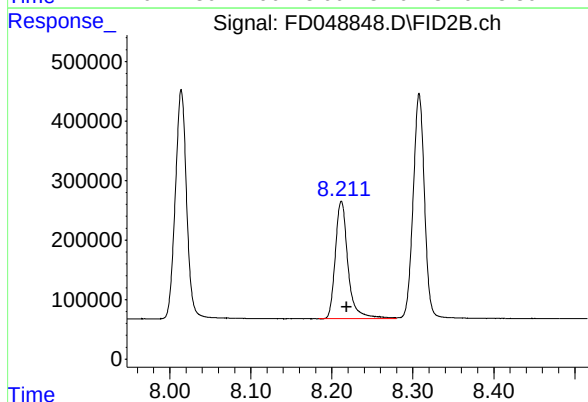
R.T.: 7.362 min
Delta R.T.: -0.005 min
Response: 3344687
Conc: 19.00 ug/ml



#5 Acenaphthylene (C15.06)

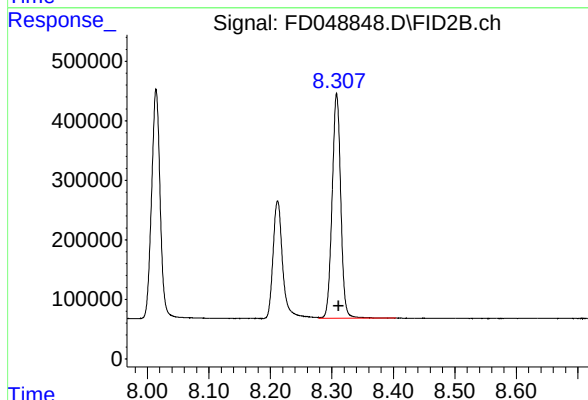
R.T.: 8.014 min
Delta R.T.: -0.003 min
Response: 3724553
Conc: 19.21 ug/ml

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20 PPM AROMATIC HC STD



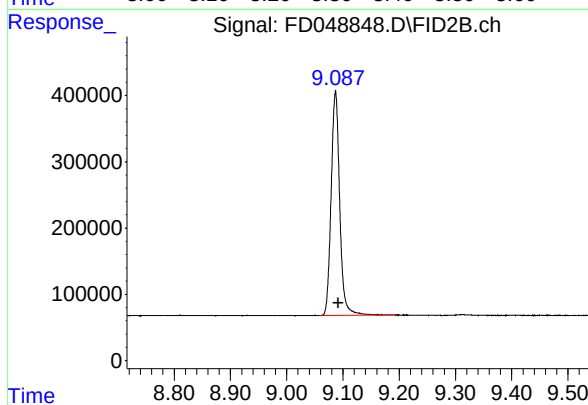
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.212 min
Delta R.T.: -0.007 min
Response: 2150566
Conc: 18.67 ug/ml



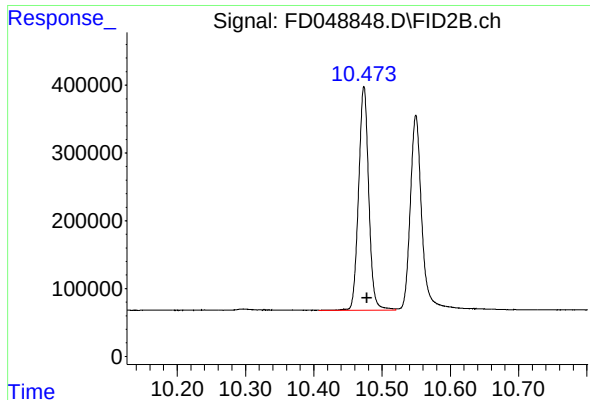
#7 Acenaphthene (C15.5)

R.T.: 8.308 min
Delta R.T.: -0.003 min
Response: 3678832
Conc: 19.13 ug/ml



#8 Flouorene (C16.55)

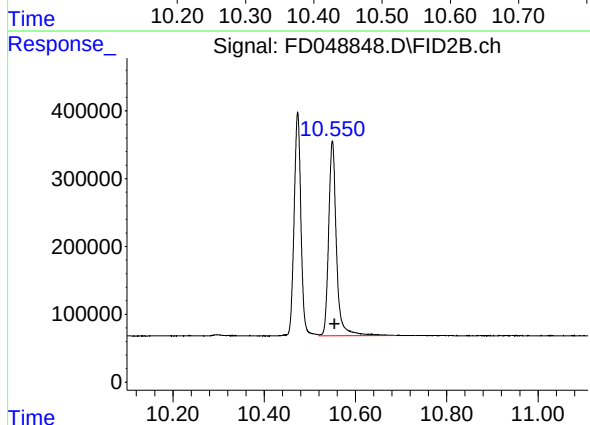
R.T.: 9.087 min
Delta R.T.: -0.005 min
Response: 3594920
Conc: 18.74 ug/ml



#9 Phenanthrene (C19.36)

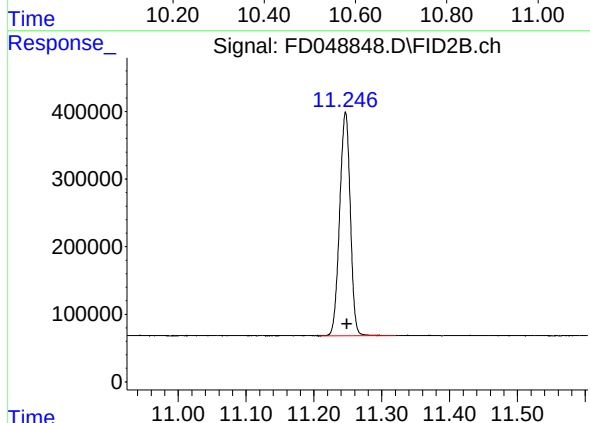
R.T.: 10.474 min
Delta R.T.: -0.005 min
Response: 3403742
Conc: 18.57 ug/ml

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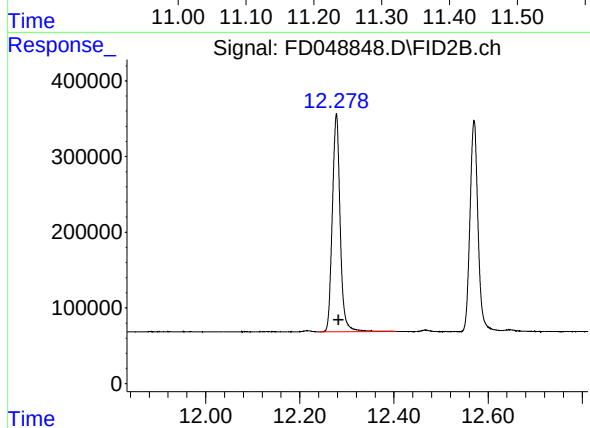
#10 Anthracene (C19.43)

R.T.: 10.550 min
Delta R.T.: -0.005 min
Response: 3416871
Conc: 18.25 ug/ml



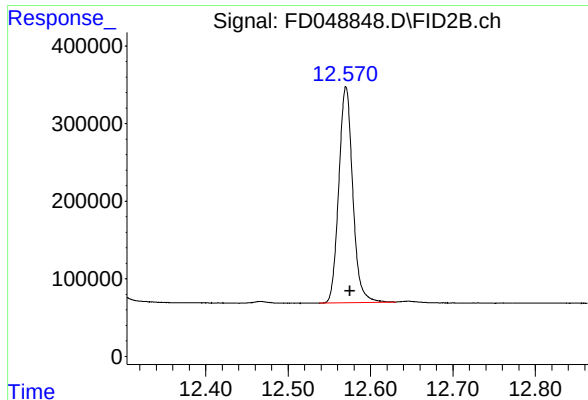
#11 ortho-Terphenyl (SURRE)

R.T.: 11.246 min
Delta R.T.: -0.002 min
Response: 3595915
Conc: 18.70 ug/ml



#12 Fluoranthene (C21.85)

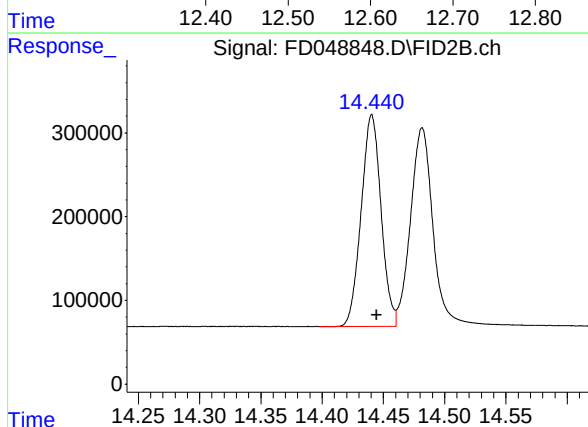
R.T.: 12.278 min
Delta R.T.: -0.005 min
Response: 3330205
Conc: 18.19 ug/ml



#13 Pyrene (C20.8)

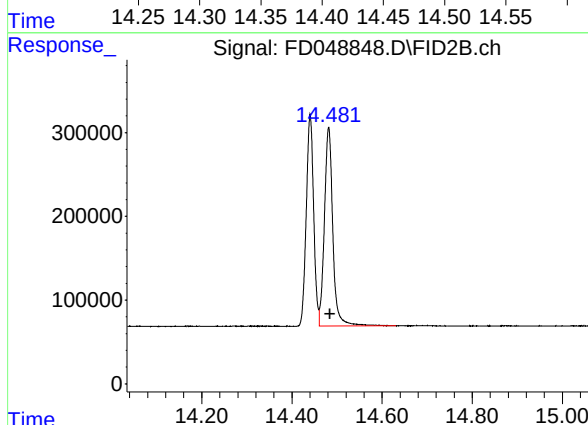
R.T.: 12.570 min
Delta R.T.: -0.005 min
Response: 3269612
Conc: 18.08 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



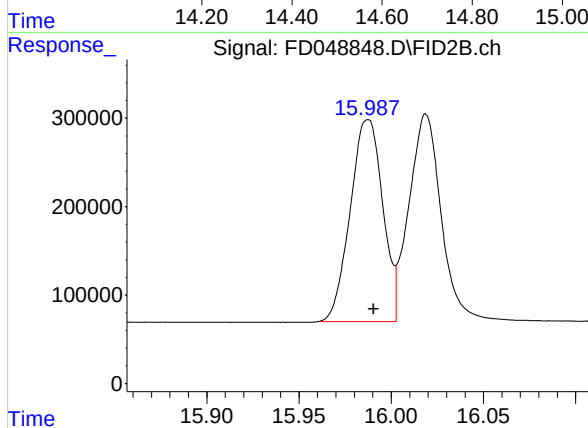
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.441 min
Delta R.T.: -0.004 min
Response: 2862225
Conc: 17.40 ug/ml



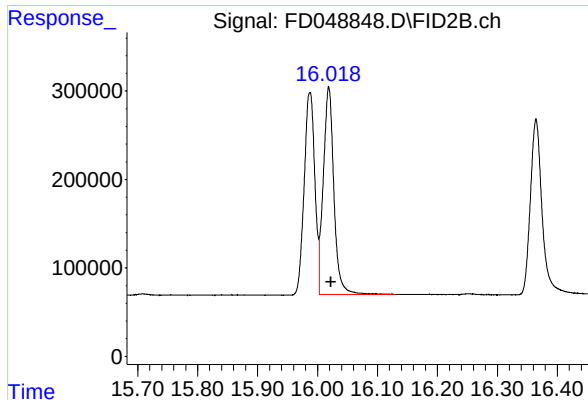
#15 Chrysene (C27.41)

R.T.: 14.482 min
Delta R.T.: -0.003 min
Response: 3096271
Conc: 17.69 ug/ml



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

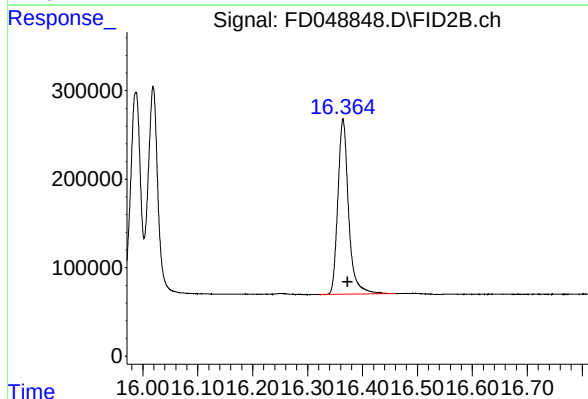
R.T.: 15.987 min
Delta R.T.: -0.003 min
Response: 2795945
Conc: 17.80 ug/ml



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

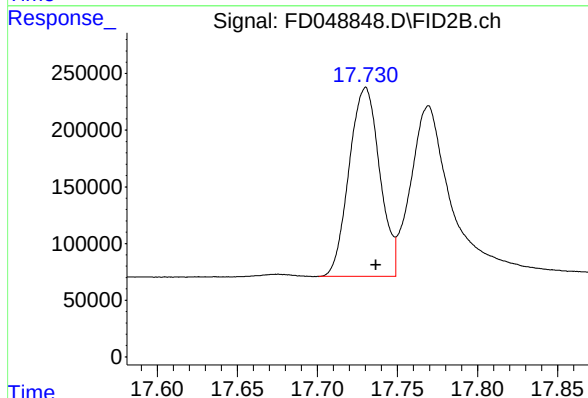
R.T.: 16.019 min
Delta R.T.: -0.004 min
Response: 2893652
Conc: 17.73 ug/ml

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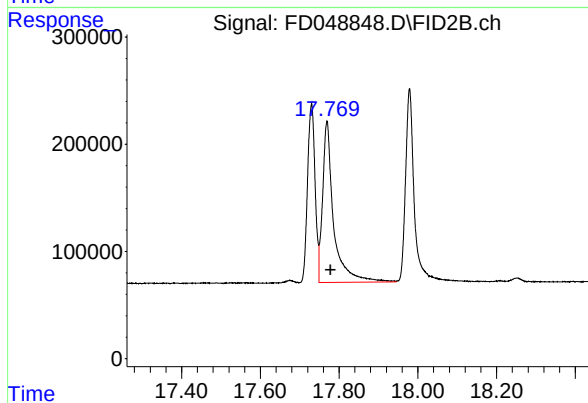
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.365 min
Delta R.T.: -0.008 min
Response: 2680547
Conc: 17.98 ug/ml



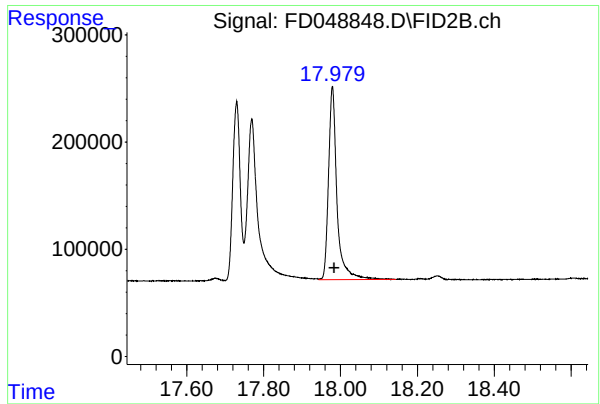
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.730 min
Delta R.T.: -0.007 min
Response: 2219232
Conc: 17.97 ug/ml



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

R.T.: 17.769 min
Delta R.T.: -0.009 min
Response: 2926067
Conc: 18.66 ug/ml



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

R.T.: 17.979 min
Delta R.T.: -0.005 min
Response: 2759273
Conc: 19.34 ug/ml

Instrument :

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ClientSampleId :

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