

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040723AR\
 Data File : FD045443.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2023 21:46
 Operator : YP/AJ
 Sample : 02213-09
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Integration File: autoint1.e
 Quant Time: Apr 10 04:41:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 2023
 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...	7.547	6247101	45.596 ug/ml
Spiked Amount 50.000		Recovery =	91.19%
6) S 2-Fluorobiphenyl (SURR)	8.402	3241838	36.162 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.32%
11) S ortho-Terphenyl (SURR)	11.443	6621972	38.061 ug/ml
Spiked Amount 50.000		Recovery =	76.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.356	252701	1.622 ug/ml
2) T Naphthalene (C11.7)	5.886	300418	1.869 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	314459	1.964 ug/ml
5) T Acenaphthylene (C15.06)	8.204	311989	2.131 ug/ml
7) T Acenaphthene (C15.5)	8.499	313731	2.023 ug/ml
8) T Fluorene (C16.55)	9.277	350599	2.364 ug/ml
9) T Phenanthrene (C19.36)	10.666	314426	2.171 ug/ml
10) T Anthracene (C19.43)	10.740	311538	2.254 ug/ml
12) T Fluoranthene (C21.85)	12.470	325940	2.265 ug/ml
13) T Pyrene (C20.8)	12.765	306987	2.183 ug/ml
14) T Benzo[a]anthracene (C...	14.628	294950	2.300 ug/ml
15) T Chrysene (C27.41)	14.669	306078	2.308 ug/ml
16) T benzo[b]fluoranthene ...	16.168	290581	2.237 ug/ml
17) T Bnezo[k]fluoranthene ...	16.200	290529	2.294 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.544	249977	1.988 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.898	215705	1.822 ug/ml
20) T Dibenz[a,h]anthracene...	17.943	224756	1.887 ug/ml
21) T Benzo[g,h,i]perylene ...	18.148	244552	1.958 ug/ml

(f)=RT Delta > 1/2 Window

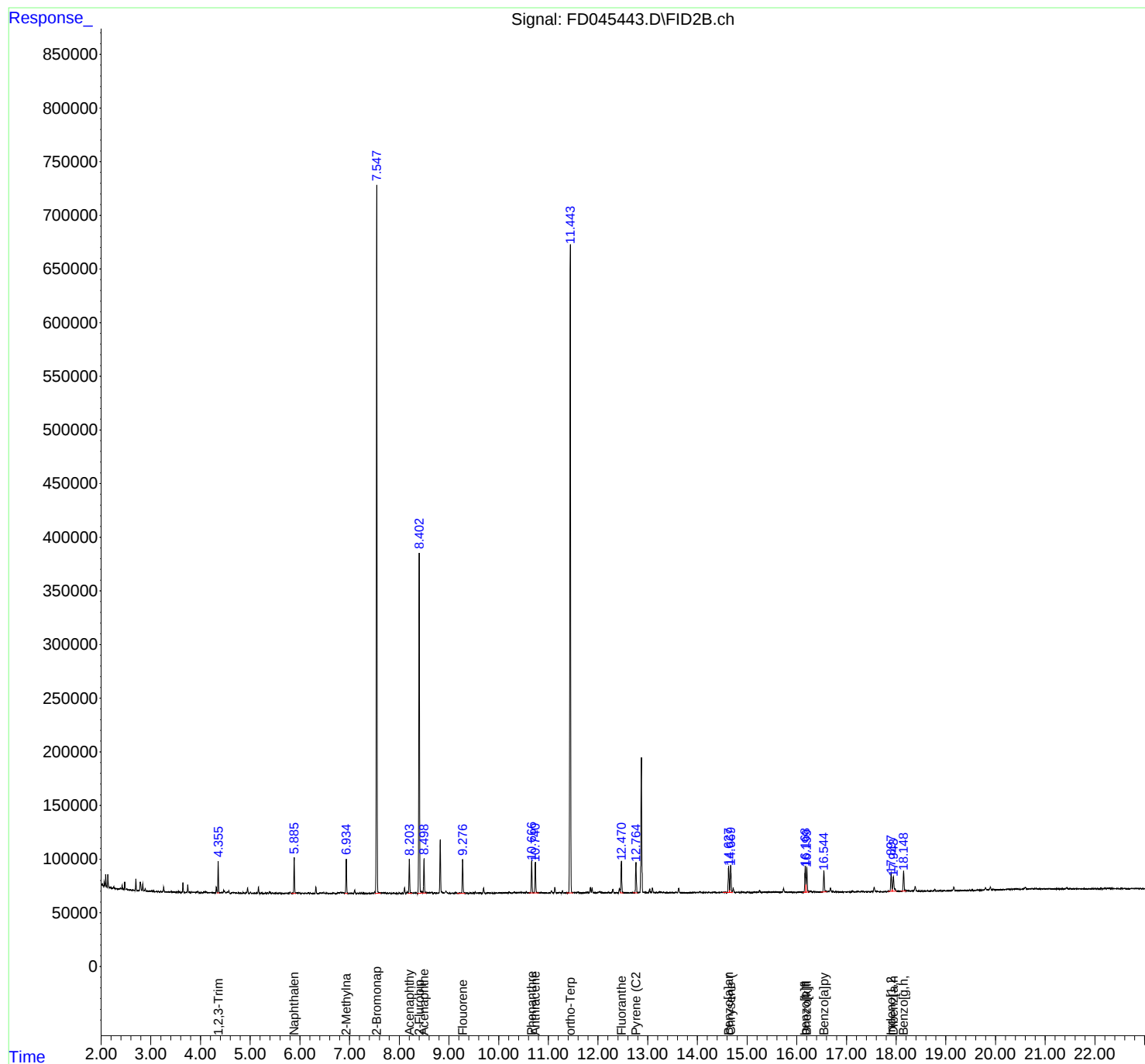
(m)=manual int.

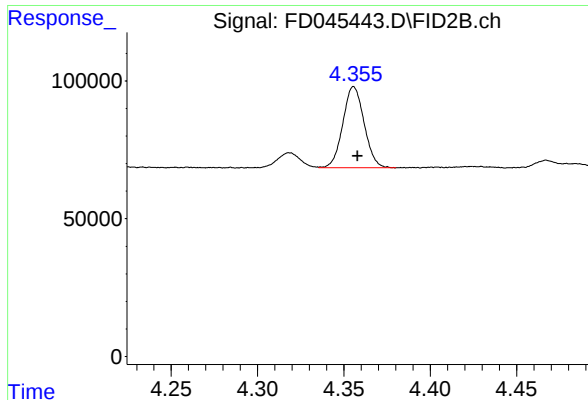
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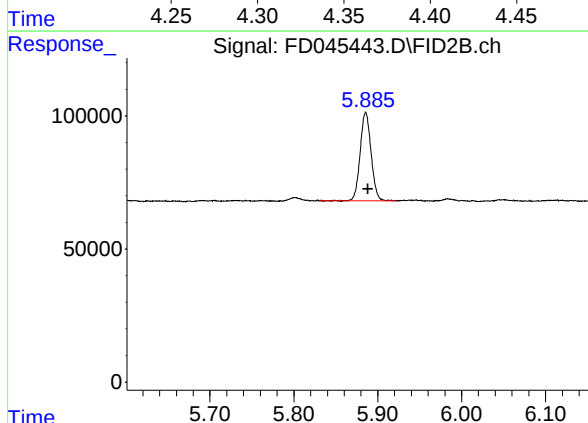




#1 1,2,3-Trimethylbenzene (C10.1)

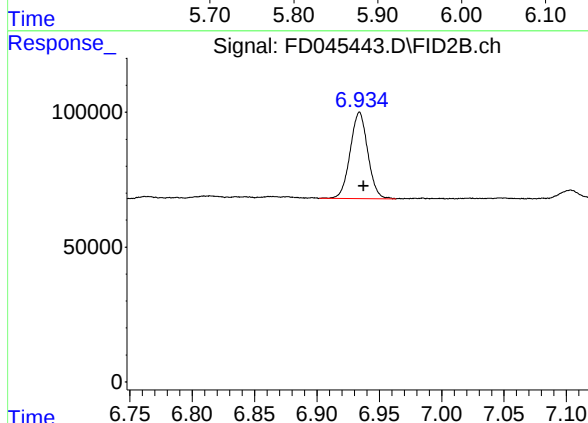
R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 252701
Conc: 1.62 ug/ml

Instrument :
FID_D
ClientSampleId :
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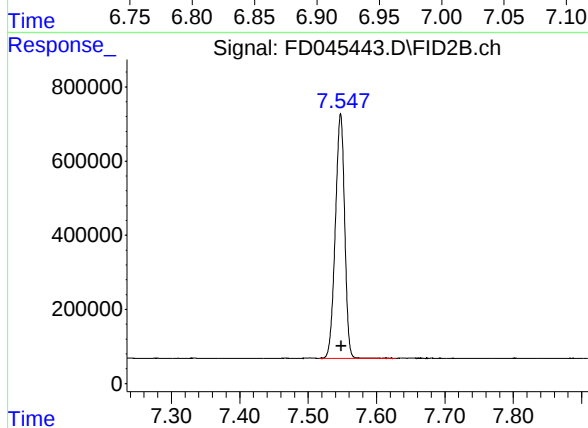
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.003 min
Response: 300418
Conc: 1.87 ug/ml



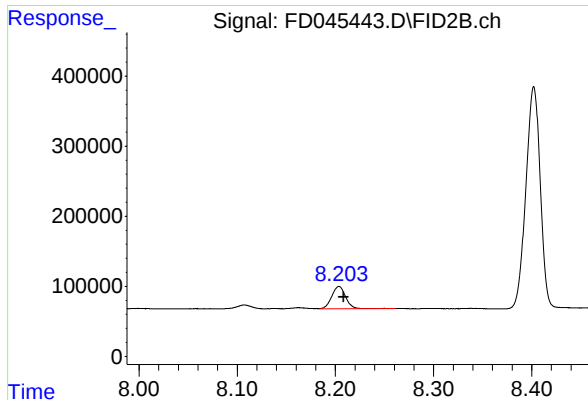
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: -0.003 min
Response: 314459
Conc: 1.96 ug/ml



#4 2-Bromonaphthalene (SURR)

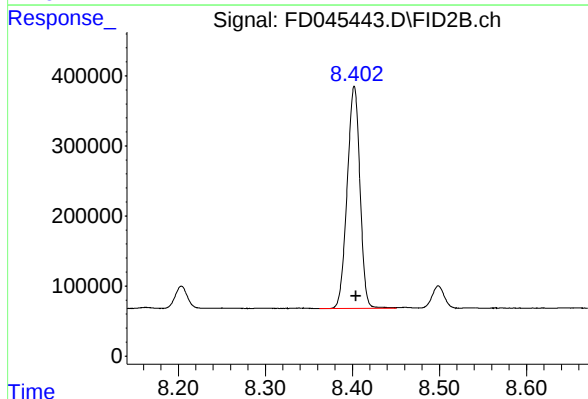
R.T.: 7.547 min
Delta R.T.: -0.001 min
Response: 6247101
Conc: 45.60 ug/ml



#5 Acenaphthylene (C15.06)

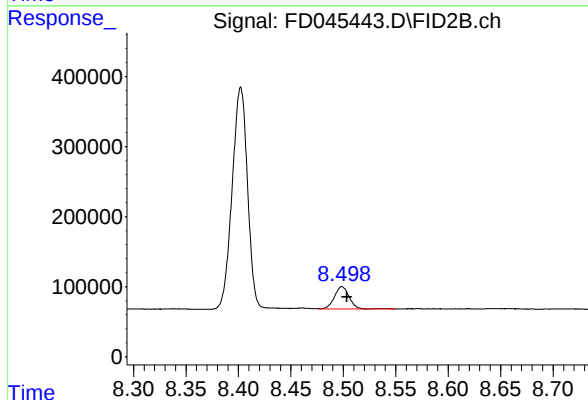
R.T.: 8.204 min
Delta R.T.: -0.005 min
Response: 311989
Conc: 2.13 ug/ml

Instrument :
FID_D
ClientSampleId :
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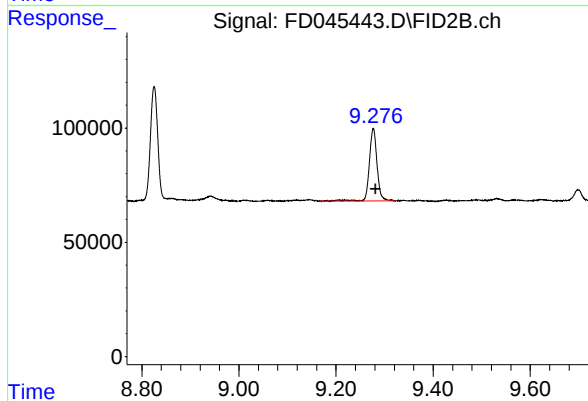
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: -0.002 min
Response: 3241838
Conc: 36.16 ug/ml



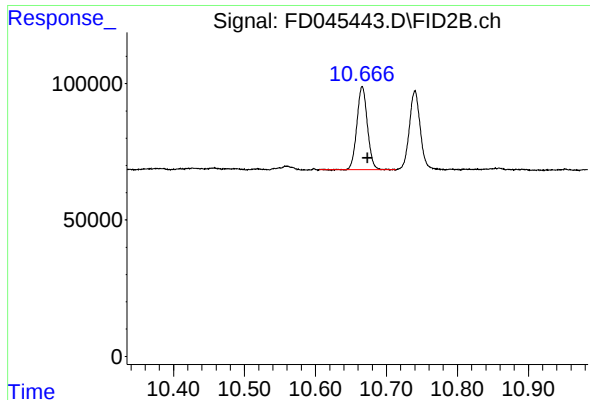
#7 Acenaphthene (C15.5)

R.T.: 8.499 min
Delta R.T.: -0.005 min
Response: 313731
Conc: 2.02 ug/ml



#8 Flouorene (C16.55)

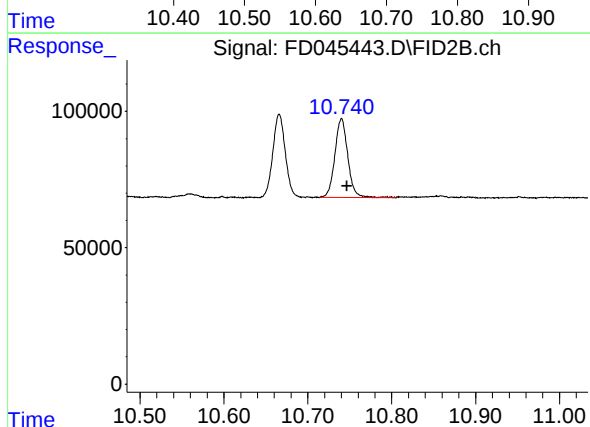
R.T.: 9.277 min
Delta R.T.: -0.005 min
Response: 350599
Conc: 2.36 ug/ml



#9 Phenanthrene (C19.36)

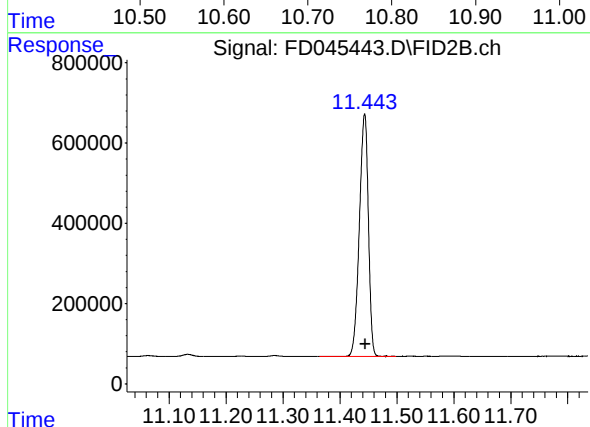
R.T.: 10.666 min
Delta R.T.: -0.008 min
Response: 314426
Conc: 2.17 ug/ml

Instrument :
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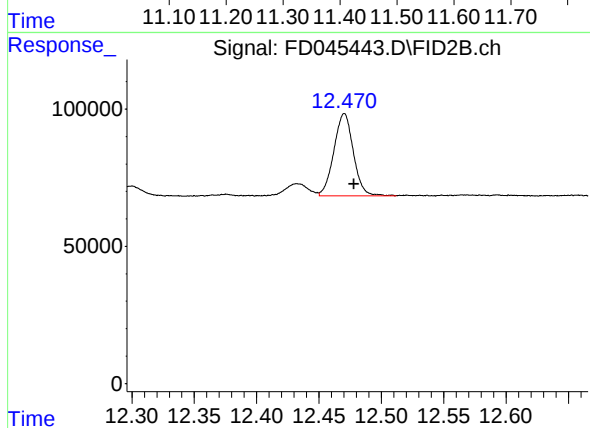
#10 Anthracene (C19.43)

R.T.: 10.740 min
Delta R.T.: -0.007 min
Response: 311538
Conc: 2.25 ug/ml



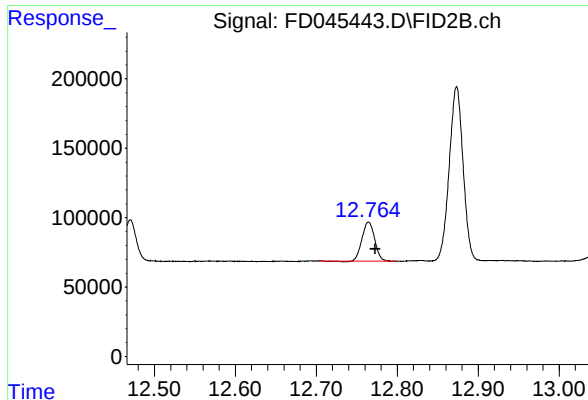
#11 ortho-Terphenyl (SURRE)

R.T.: 11.443 min
Delta R.T.: -0.001 min
Response: 6621972
Conc: 38.06 ug/ml



#12 Fluoranthene (C21.85)

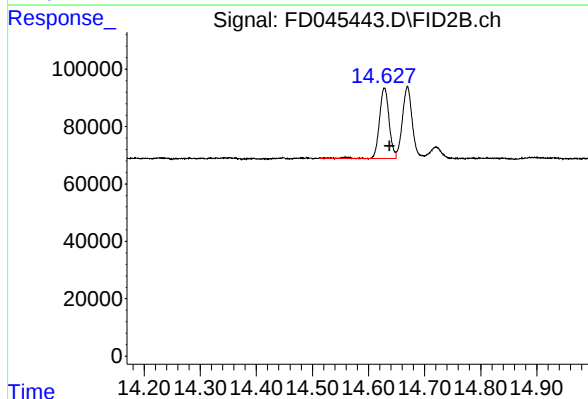
R.T.: 12.470 min
Delta R.T.: -0.008 min
Response: 325940
Conc: 2.27 ug/ml



#13 Pyrene (C20.8)

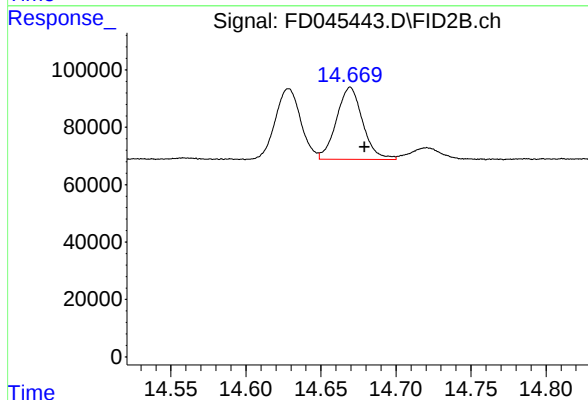
R.T.: 12.765 min
Delta R.T.: -0.008 min
Response: 306987
Conc: 2.18 ug/ml

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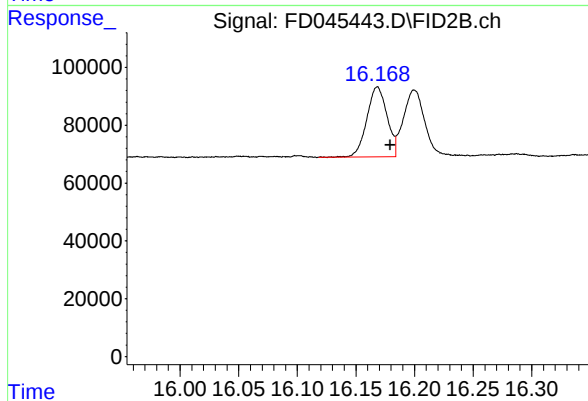
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.628 min
Delta R.T.: -0.010 min
Response: 294950
Conc: 2.30 ug/ml



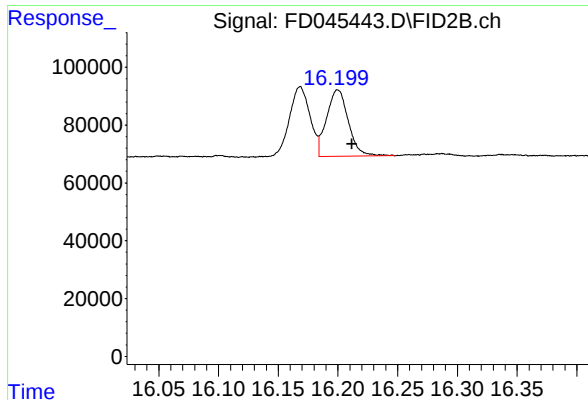
#15 Chrysene (C27.41)

R.T.: 14.669 min
Delta R.T.: -0.010 min
Response: 306078
Conc: 2.31 ug/ml



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

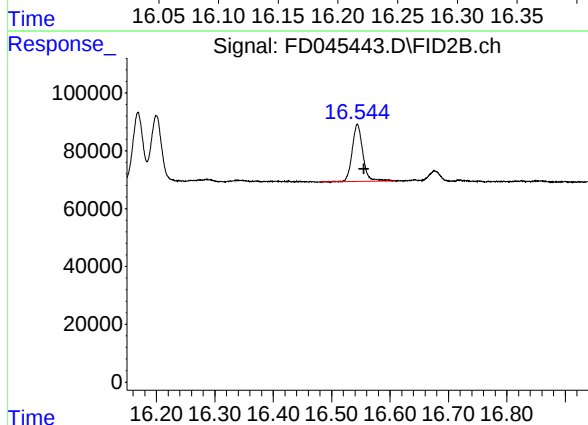
R.T.: 16.168 min
Delta R.T.: -0.011 min
Response: 290581
Conc: 2.24 ug/ml



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

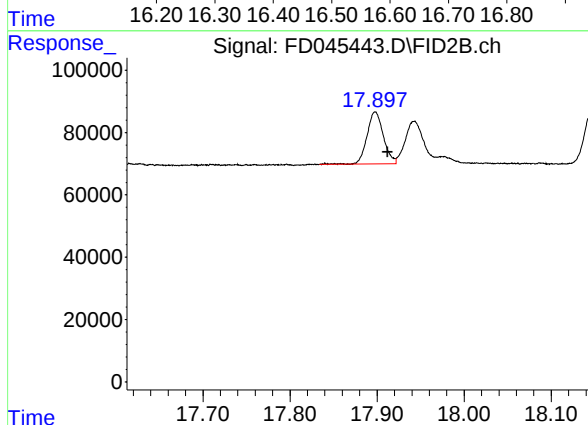
R.T.: 16.200 min
Delta R.T.: -0.012 min
Response: 290529
Conc: 2.29 ug/ml

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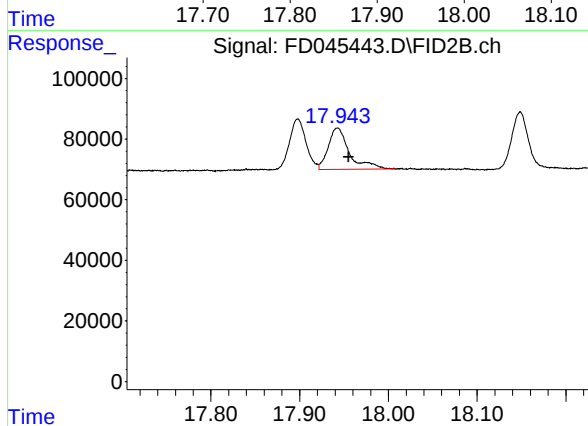
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.544 min
Delta R.T.: -0.011 min
Response: 249977
Conc: 1.99 ug/ml



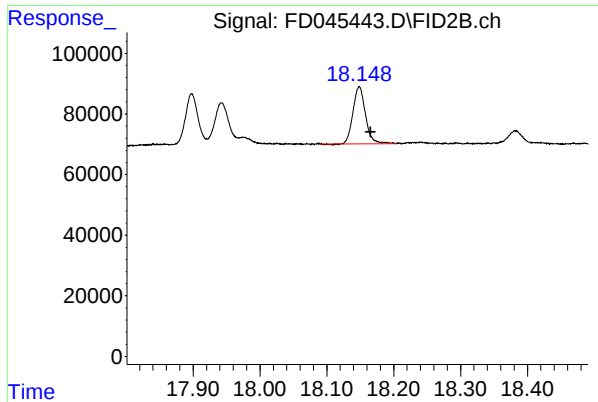
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.898 min
Delta R.T.: -0.014 min
Response: 215705
Conc: 1.82 ug/ml



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

R.T.: 17.943 min
Delta R.T.: -0.013 min
Response: 224756
Conc: 1.89 ug/ml



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

R.T.: 18.148 min
Delta R.T.: -0.017 min
Response: 244552
Conc: 1.96 ug/ml

Instrument :
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