

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050123AR\
 Data File : FD045534.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2023 13:14
 Operator : YP/AJ
 Sample : PB152466BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB152466BS

Integration File: autoint1.e
 Quant Time: May 02 04:16:47 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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	5840721	40.399 ug/ml
Spiked Amount 50.000		Recovery =	80.80%
6) S 2-Fluorobiphenyl (SURR)	8.402	2553514	27.384 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	54.77%
11) S ortho-Terphenyl (SURR)	11.444	6966763	38.927 ug/ml
Spiked Amount 50.000		Recovery =	77.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.354	3996759	23.854 ug/ml
2) T Naphthalene (C11.7)	5.885	5018843	29.325 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	5363711	31.703 ug/ml
5) T Acenaphthylene (C15.06)	8.208	6554822	43.329 ug/ml
7) T Acenaphthene (C15.5)	8.503	6568761	40.515 ug/ml
8) T Fluorene (C16.55)	9.282	6681523	43.377 ug/ml
9) T Phenanthrene (C19.36)	10.673	6536055	43.816 ug/ml
10) T Anthracene (C19.43)	10.748	6276374	48.589 ug/ml
12) T Fluoranthene (C21.85)	12.479	6597438	44.827 ug/ml
13) T Pyrene (C20.8)	12.774	6583950	45.897 ug/ml
14) T Benzo[a]anthracene (C...	14.639	5904593	45.058 ug/ml
15) T Chrysene (C27.41)	14.682	5800990	42.495 ug/ml
16) T benzo[b]fluoranthene ...	16.182	5967637	44.693 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	5619220	42.007 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	5121417	40.024 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	4357321	34.687 ug/ml
20) T Dibenz[a,h]anthracene...	17.954	4105062	30.134 ug/ml
21) T Benzo[g,h,i]perylene ...	18.169	5048088	38.532 ug/ml

(f)=RT Delta > 1/2 Window

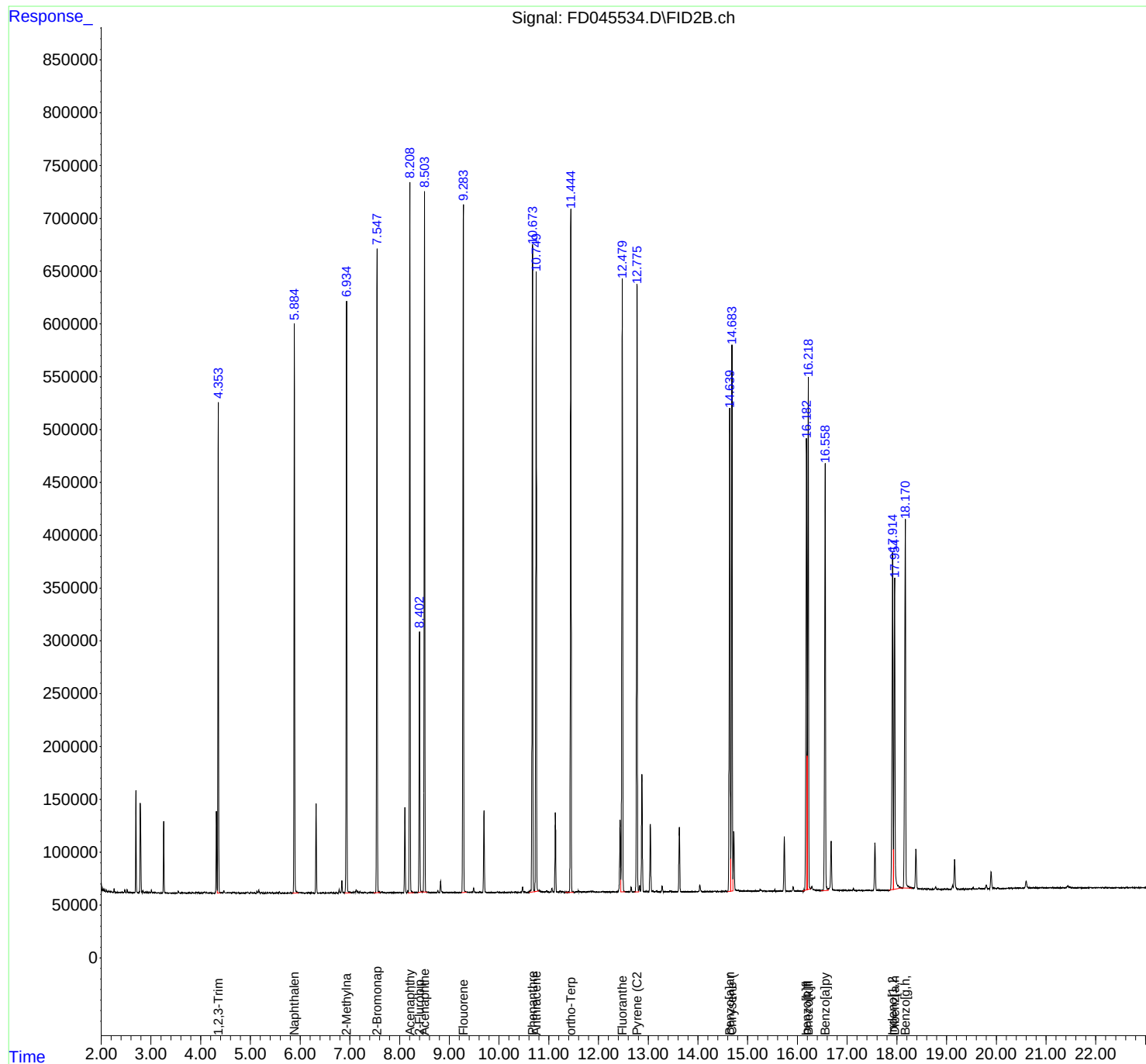
(m)=manual int.

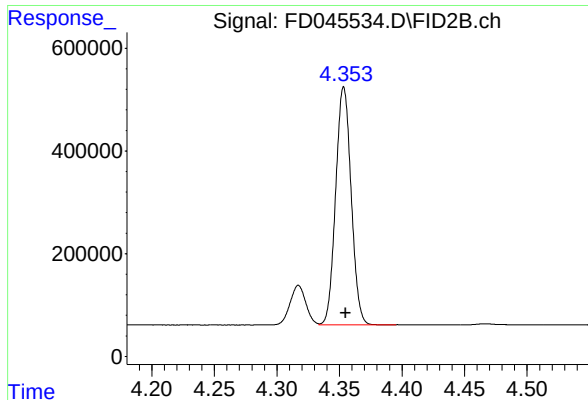
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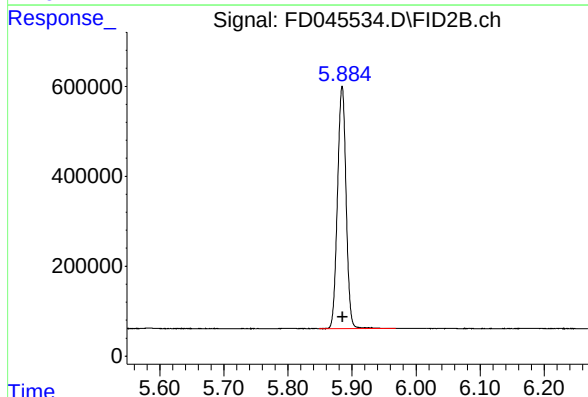




#1 1,2,3-Trimethylbenzene (C10.1)

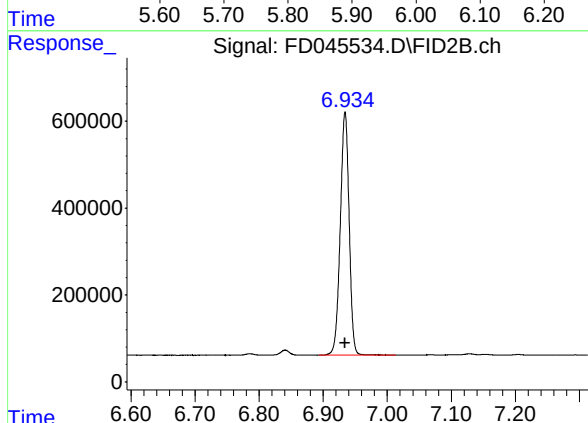
R.T.: 4.354 min
Delta R.T.: -0.002 min
Response: 3996759
Conc: 23.85 ug/ml

Instrument :
FID_D
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PB152466BS



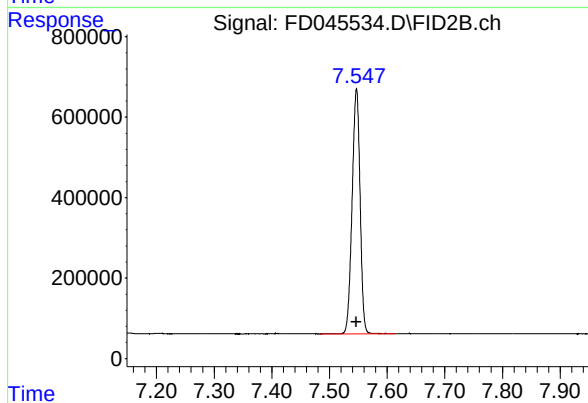
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.001 min
Response: 5018843
Conc: 29.33 ug/ml



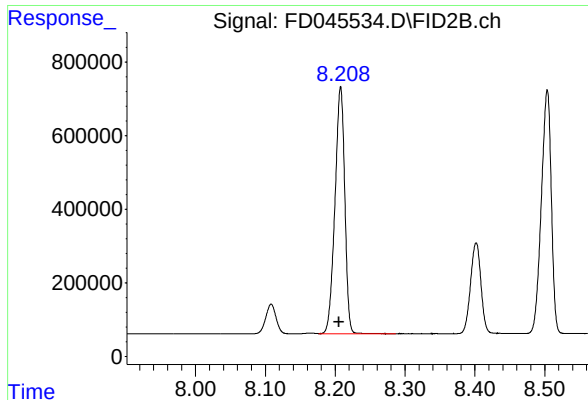
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 5363711
Conc: 31.70 ug/ml



#4 2-Bromonaphthalene (SURR)

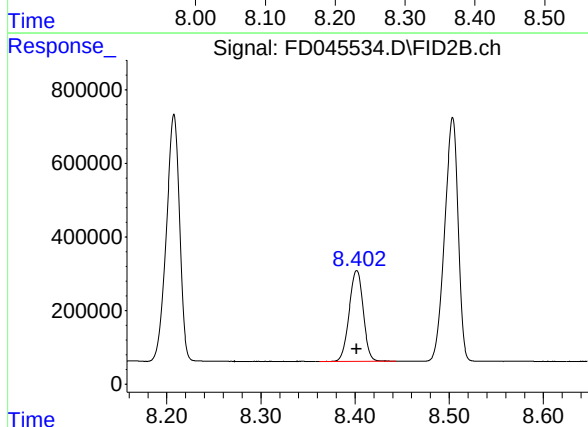
R.T.: 7.547 min
Delta R.T.: 0.000 min
Response: 5840721
Conc: 40.40 ug/ml



#5 Acenaphthylene (C15.06)

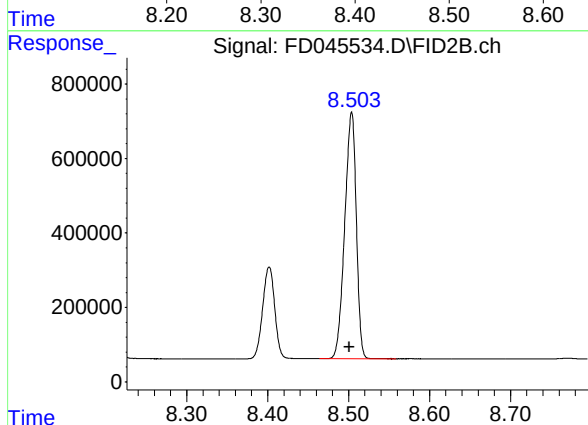
R.T.: 8.208 min
Delta R.T.: 0.002 min
Response: 6554822
Conc: 43.33 ug/ml

Instrument :
FID_D
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PB152466BS



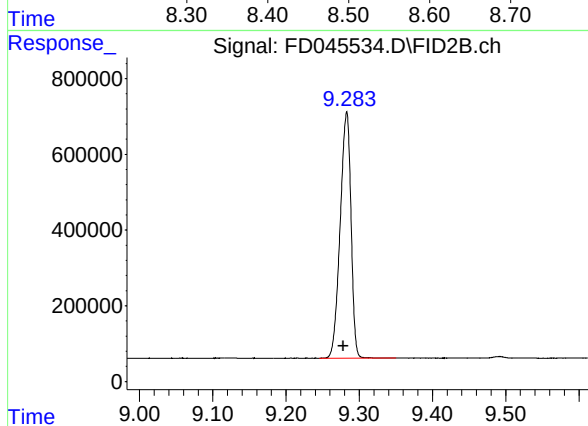
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 2553514
Conc: 27.38 ug/ml



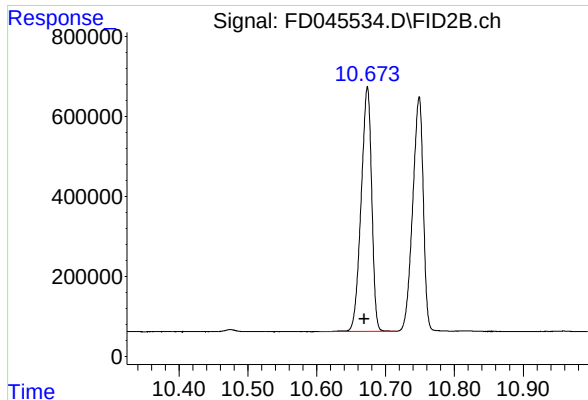
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: 0.003 min
Response: 6568761
Conc: 40.52 ug/ml



#8 Fluorene (C16.55)

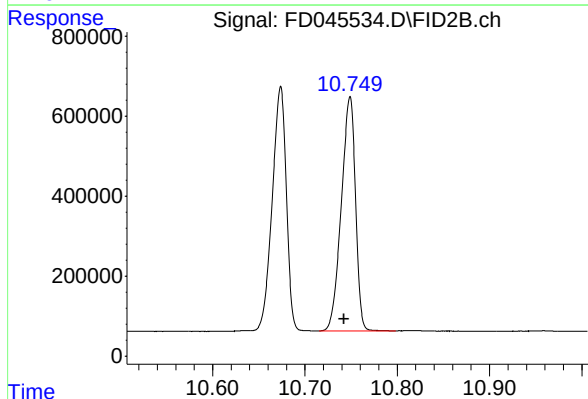
R.T.: 9.282 min
Delta R.T.: 0.004 min
Response: 6681523
Conc: 43.38 ug/ml



#9 Phenanthrene (C19.36)

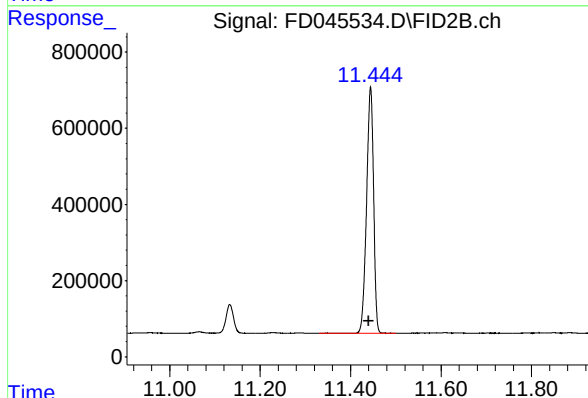
R.T.: 10.673 min
Delta R.T.: 0.004 min
Response: 6536055
Conc: 43.82 ug/ml

Instrument :
FID_D
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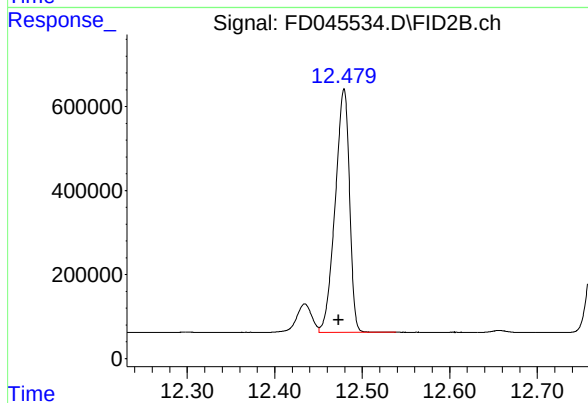
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: 0.006 min
Response: 6276374
Conc: 48.59 ug/ml



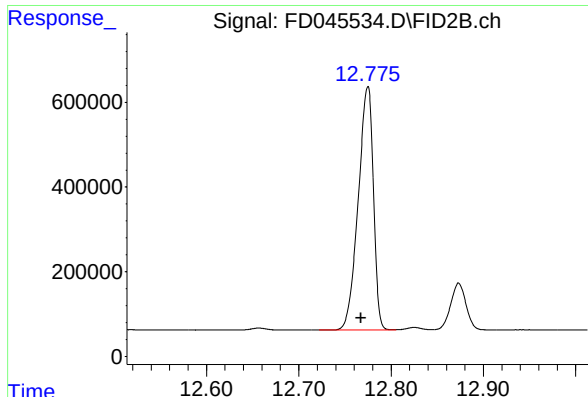
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.004 min
Response: 6966763
Conc: 38.93 ug/ml



#12 Fluoranthene (C21.85)

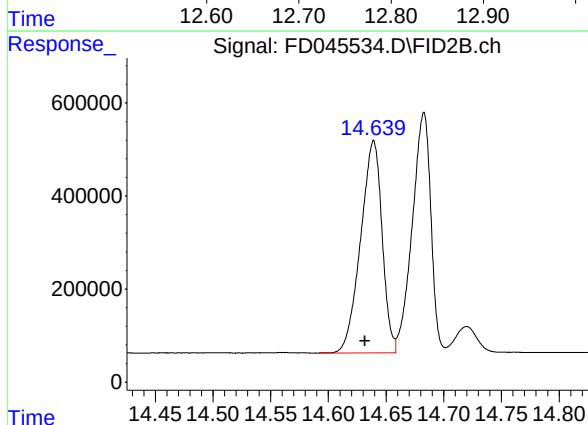
R.T.: 12.479 min
Delta R.T.: 0.006 min
Response: 6597438
Conc: 44.83 ug/ml



#13 Pyrene (C20.8)

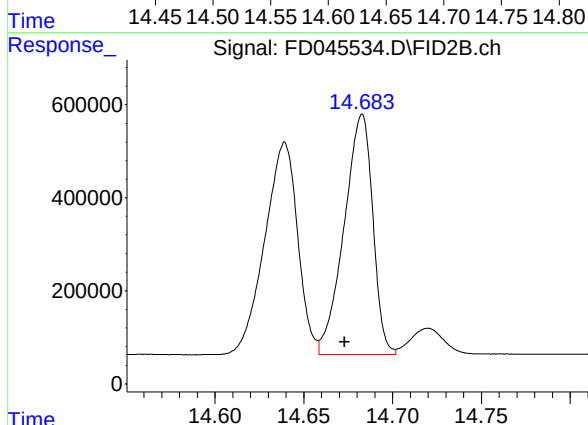
R.T.: 12.774 min
Delta R.T.: 0.007 min
Response: 6583950
Conc: 45.90 ug/ml

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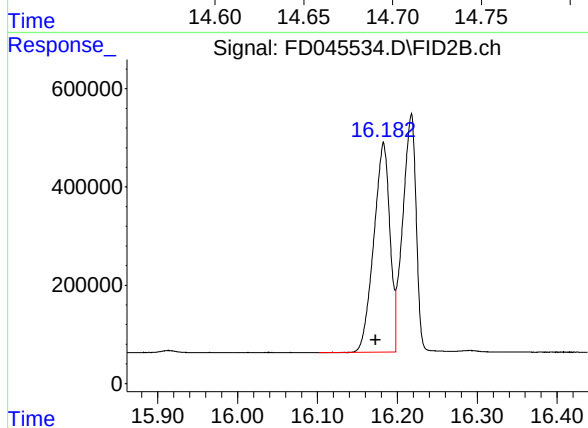
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.639 min
Delta R.T.: 0.007 min
Response: 5904593
Conc: 45.06 ug/ml



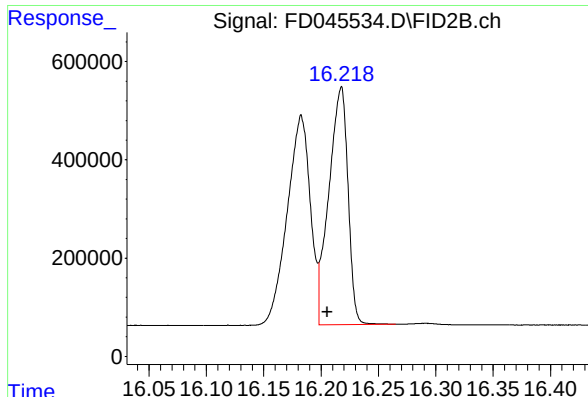
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: 0.009 min
Response: 5800990
Conc: 42.50 ug/ml



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

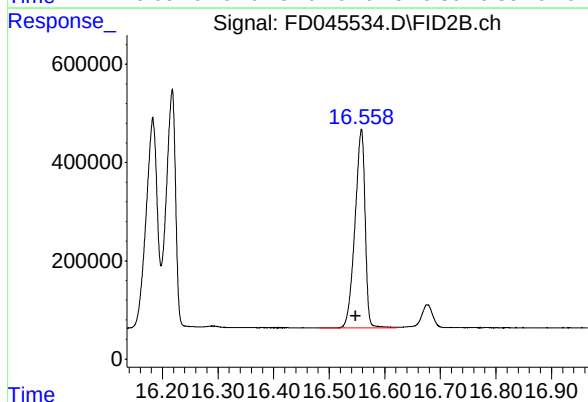
R.T.: 16.182 min
Delta R.T.: 0.010 min
Response: 5967637
Conc: 44.69 ug/ml



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

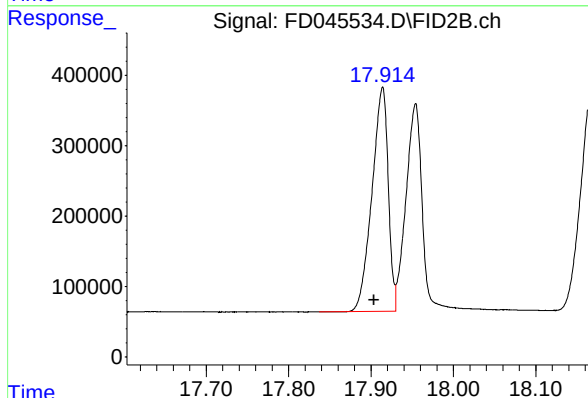
R.T.: 16.217 min
Delta R.T.: 0.011 min
Response: 5619220
Conc: 42.01 ug/ml

Instrument :
FID_D
ClientSampleId :
PB152466BS



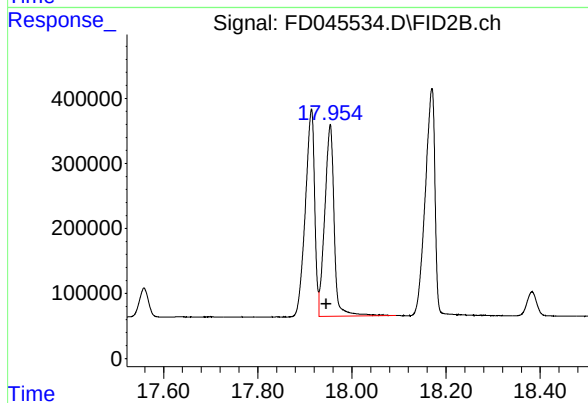
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.557 min
Delta R.T.: 0.010 min
Response: 5121417
Conc: 40.02 ug/ml



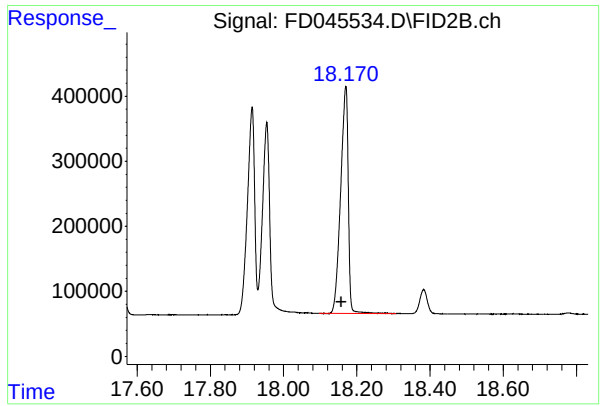
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min
Delta R.T.: 0.010 min
Response: 4357321
Conc: 34.69 ug/ml



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

R.T.: 17.954 min
Delta R.T.: 0.007 min
Response: 4105062
Conc: 30.13 ug/ml



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

R.T.: 18.169 min

Delta R.T.: 0.012 min

Response: 5048088

Conc: 38.53 ug/ml

Instrument :

FID_D

ClientSampleId :

PB152466BS