

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040423AR\
 Data File : FD045397.D
 Signal(s) : FID2B.ch
 Acq On : 04 Apr 2023 17:15
 Operator : YP/AJ
 Sample : PB151899BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB151899BS

Integration File: autoint1.e
 Quant Time: Apr 05 01:30:43 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	5891239	42.999 ug/ml
Spiked Amount 50.000		Recovery =	86.00%
6) S 2-Fluorobiphenyl (SURR)	8.403	3811193	42.513 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.03%
11) S ortho-Terphenyl (SURR)	11.444	6372491	36.627 ug/ml
Spiked Amount 50.000		Recovery =	73.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.354	4644894	29.816 ug/ml
2) T Naphthalene (C11.7)	5.885	5246609	32.647 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	5144279	32.136 ug/ml
5) T Acenaphthylene (C15.06)	8.207	5573286	38.065 ug/ml
7) T Acenaphthene (C15.5)	8.503	5886563	37.952 ug/ml
8) T Fluorene (C16.55)	9.281	5714784	38.538 ug/ml
9) T Phenanthrene (C19.36)	10.673	5813139	40.130 ug/ml
10) T Anthracene (C19.43)	10.748	5670128	41.021 ug/ml
12) T Fluoranthene (C21.85)	12.479	5873565	40.825 ug/ml
13) T Pyrene (C20.8)	12.774	5879651	41.818 ug/ml
14) T Benzo[a]anthracene (C...	14.638	5285054	41.211 ug/ml
15) T Chrysene (C27.41)	14.681	5210001	39.291 ug/ml
16) T benzo[b]fluoranthene ...	16.182	5358873	41.253 ug/ml
17) T Bnezo[k]fluoranthene ...	16.216	5095955	40.235 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.557	4619132	36.739 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	4060161	34.304 ug/ml
20) T Dibenz[a,h]anthracene...	17.954	3841652	32.246 ug/ml
21) T Benzo[g,h,i]perylene ...	18.169	4607460	36.886 ug/ml

(f)=RT Delta > 1/2 Window

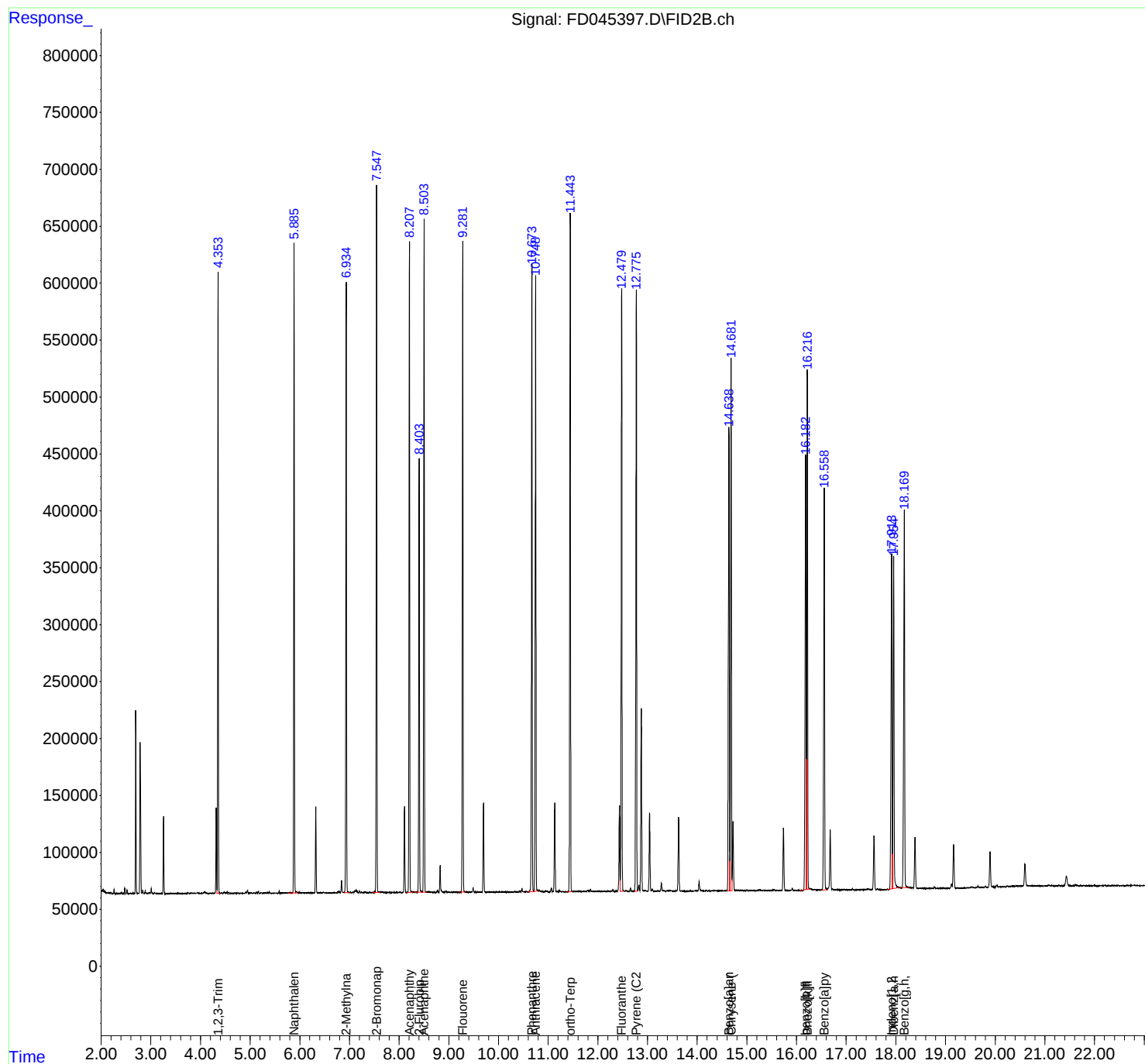
(m)=manual int.

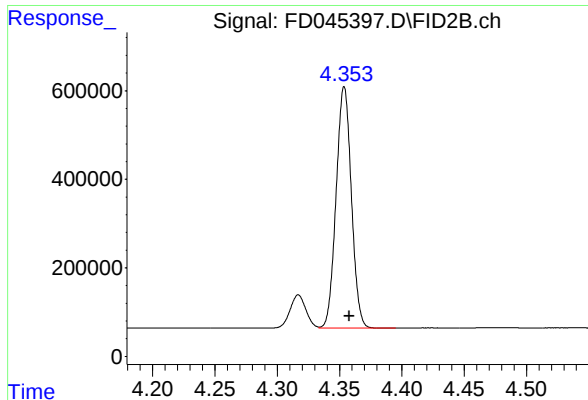
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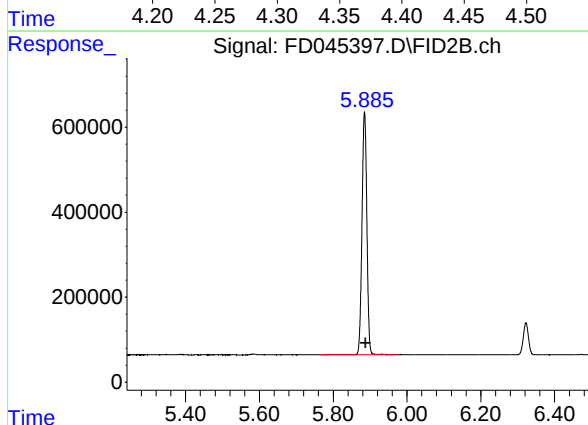




#1 1,2,3-Trimethylbenzene (C10.1)

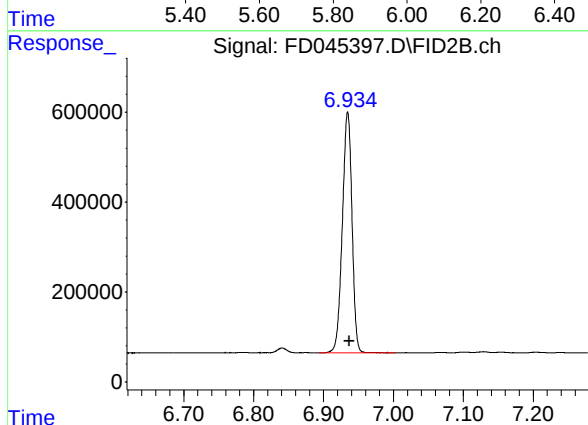
R.T.: 4.354 min
Delta R.T.: -0.004 min
Response: 4644894
Conc: 29.82 ug/ml

Instrument :
FID_D
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PB151899BS



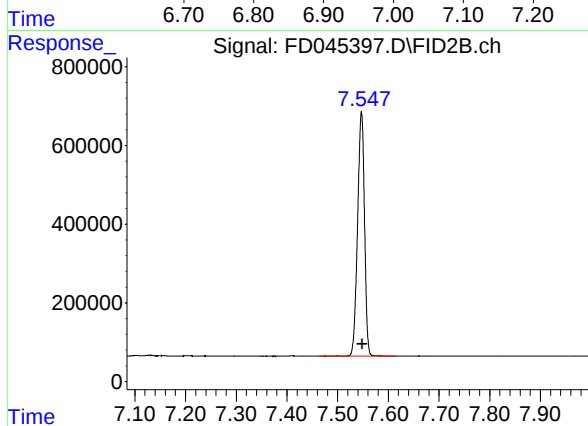
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 5246609
Conc: 32.65 ug/ml



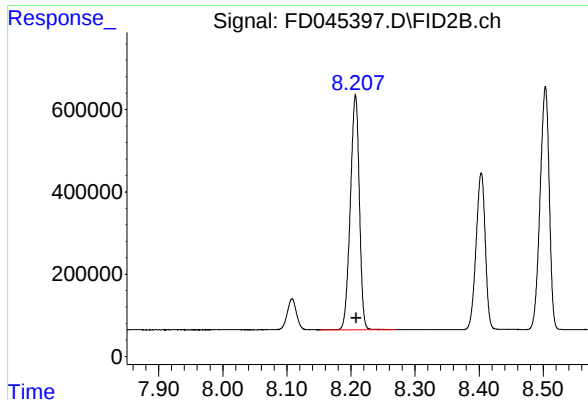
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: -0.003 min
Response: 5144279
Conc: 32.14 ug/ml



#4 2-Bromonaphthalene (SURR)

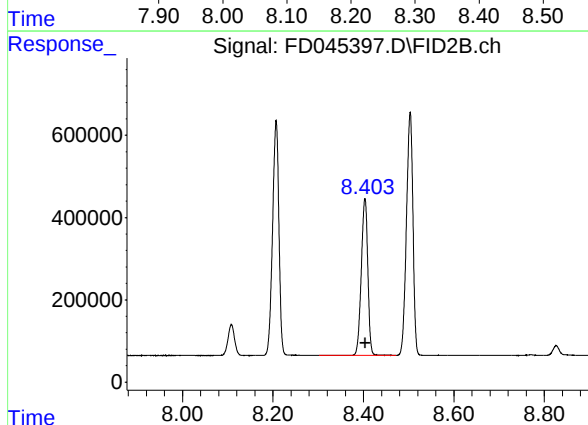
R.T.: 7.547 min
Delta R.T.: -0.002 min
Response: 5891239
Conc: 43.00 ug/ml



#5 Acenaphthylene (C15.06)

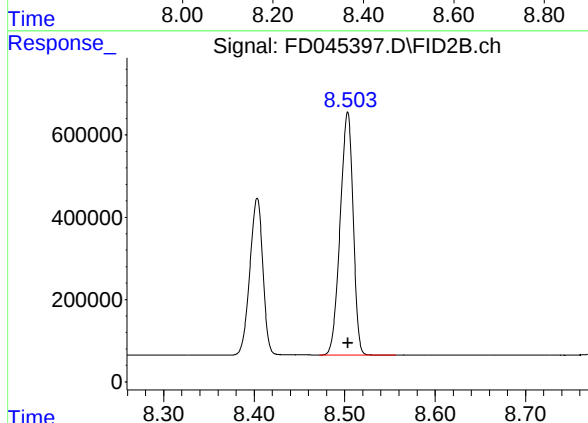
R.T.: 8.207 min
Delta R.T.: -0.002 min
Response: 5573286
Conc: 38.06 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151899BS



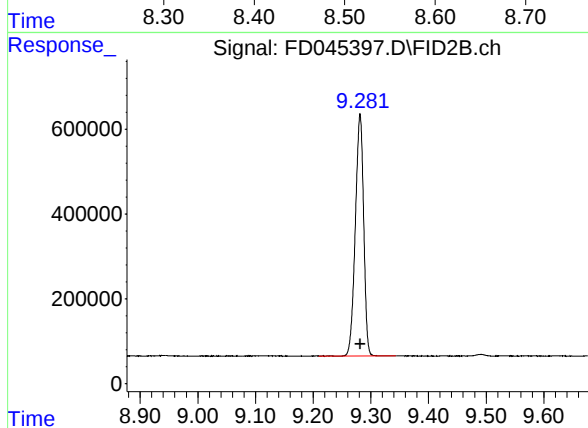
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.403 min
Delta R.T.: 0.000 min
Response: 3811193
Conc: 42.51 ug/ml



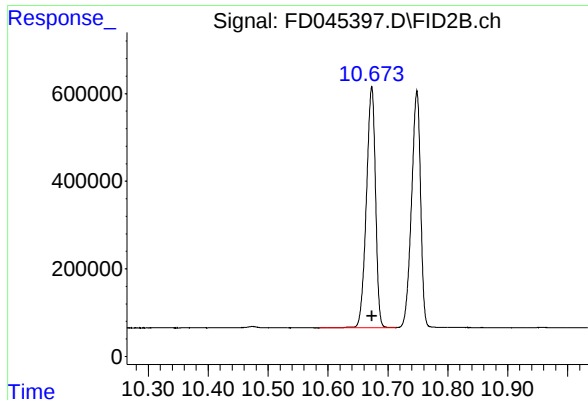
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 5886563
Conc: 37.95 ug/ml



#8 Flouorene (C16.55)

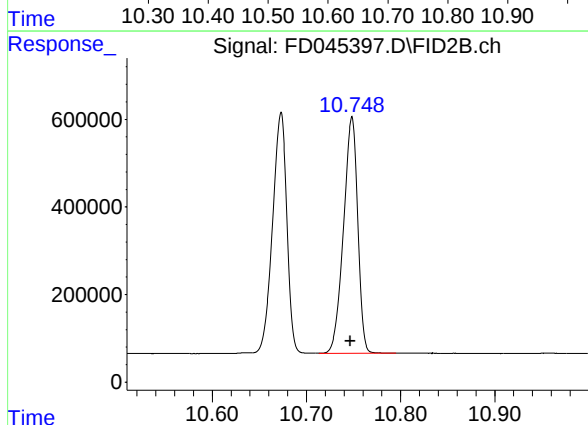
R.T.: 9.281 min
Delta R.T.: 0.000 min
Response: 5714784
Conc: 38.54 ug/ml



#9 Phenanthrene (C19.36)

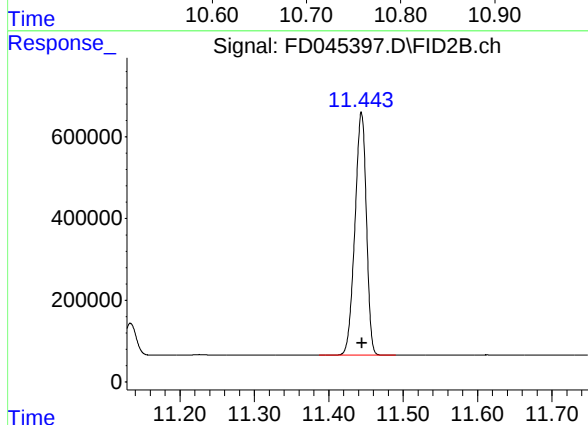
R.T.: 10.673 min
Delta R.T.: 0.000 min
Response: 5813139
Conc: 40.13 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151899BS



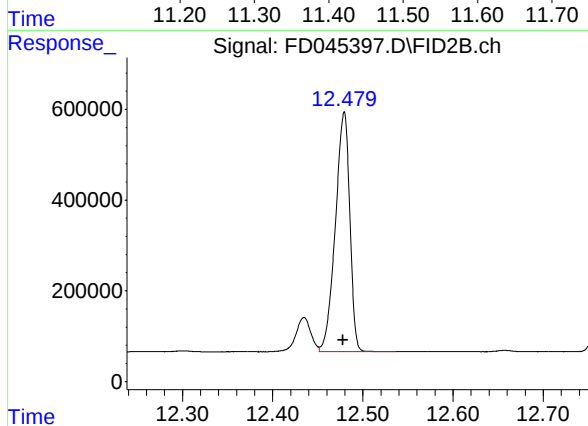
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: 0.001 min
Response: 5670128
Conc: 41.02 ug/ml



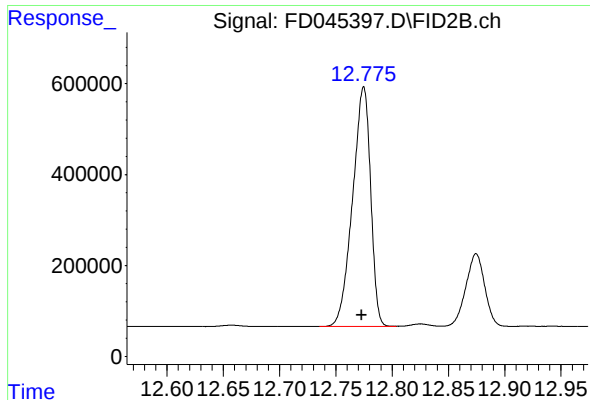
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: 0.000 min
Response: 6372491
Conc: 36.63 ug/ml



#12 Fluoranthene (C21.85)

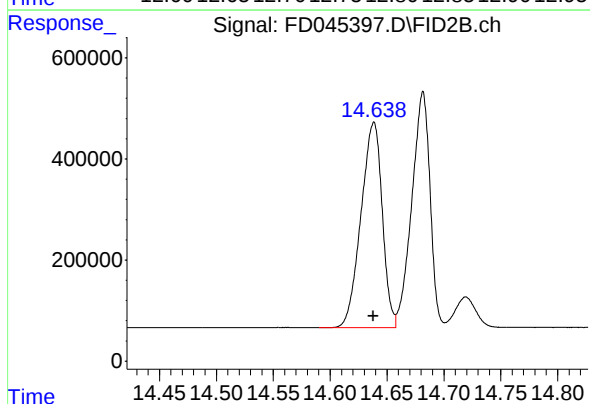
R.T.: 12.479 min
Delta R.T.: 0.000 min
Response: 5873565
Conc: 40.83 ug/ml



#13 Pyrene (C20.8)

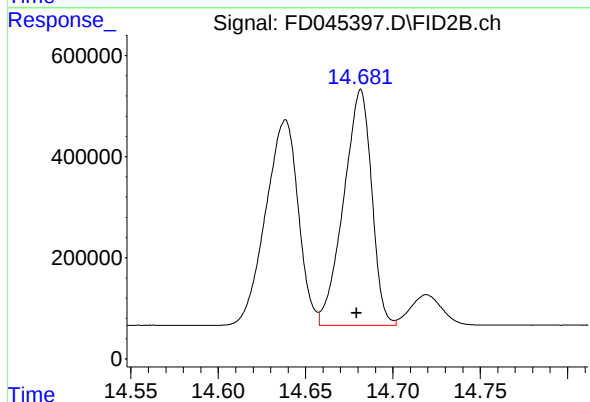
R.T.: 12.774 min
Delta R.T.: 0.002 min
Response: 5879651
Conc: 41.82 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151899BS



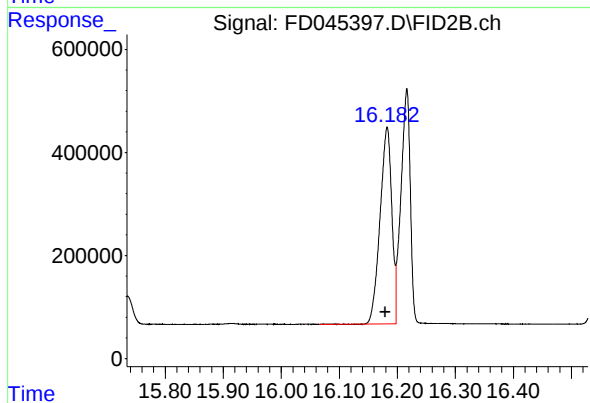
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: 0.000 min
Response: 5285054
Conc: 41.21 ug/ml



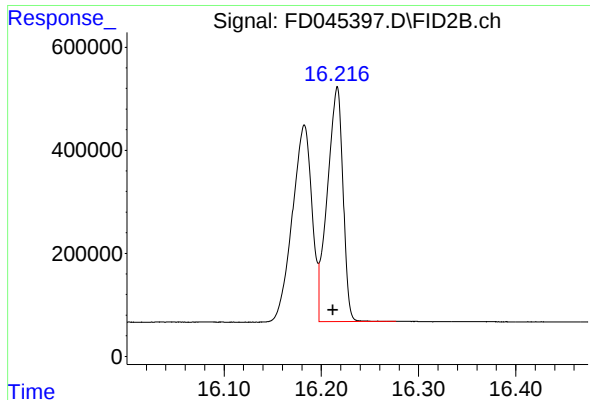
#15 Chrysene (C27.41)

R.T.: 14.681 min
Delta R.T.: 0.002 min
Response: 5210001
Conc: 39.29 ug/ml



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

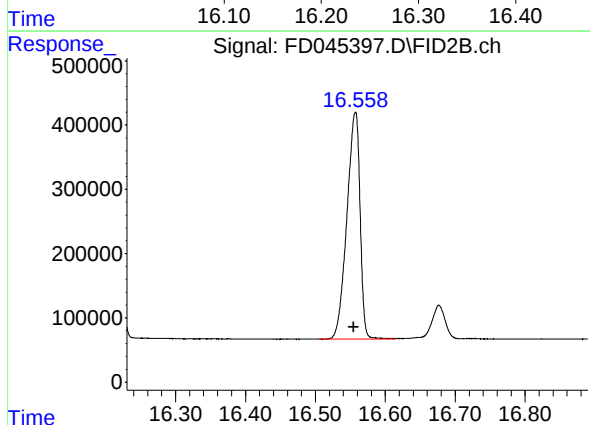
R.T.: 16.182 min
Delta R.T.: 0.003 min
Response: 5358873
Conc: 41.25 ug/ml



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

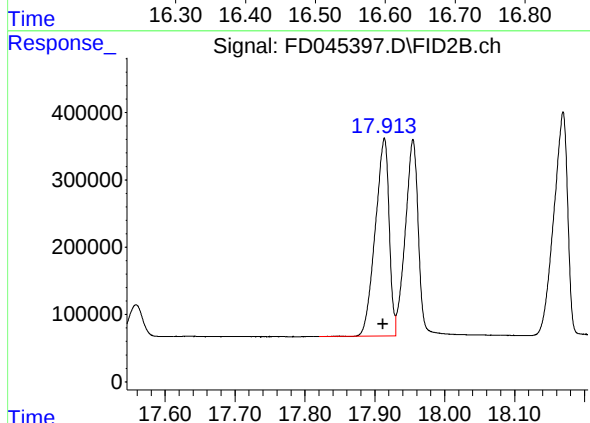
R.T.: 16.216 min
Delta R.T.: 0.004 min
Response: 5095955
Conc: 40.24 ug/ml

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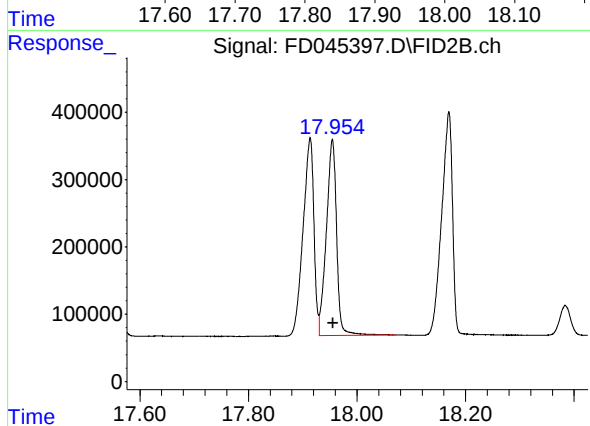
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.557 min
Delta R.T.: 0.002 min
Response: 4619132
Conc: 36.74 ug/ml



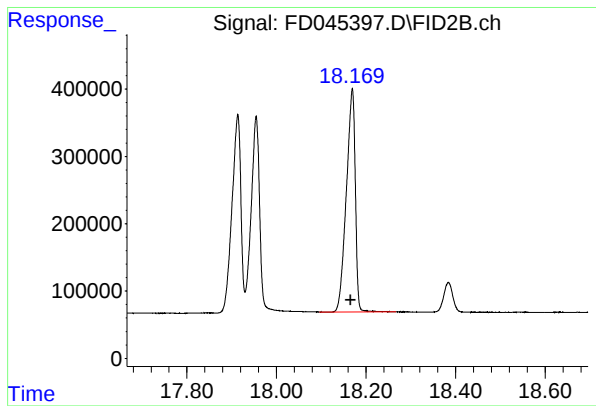
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min
Delta R.T.: 0.001 min
Response: 4060161
Conc: 34.30 ug/ml



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

R.T.: 17.954 min
Delta R.T.: 0.000 min
Response: 3841652
Conc: 32.25 ug/ml



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

R.T.: 18.169 min
Delta R.T.: 0.003 min
Response: 4607460
Conc: 36.89 ug/ml

Instrument :

FID_D

ClientSampleId :

PB151899BS