

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032423AR\
 Data File : FD045337.D
 Signal(s) : FID2B.ch
 Acq On : 24 Mar 2023 20:20
 Operator : YP/AJ
 Sample : 02012-01MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 25 02:28:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.549	5944941	43.807 ug/ml
Spiked Amount 50.000		Recovery =	87.61%
6) S 2-Fluorobiphenyl (SURR)	8.405	3350676	37.423 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.85%
11) S ortho-Terphenyl (SURR)	11.446	5982954	35.944 ug/ml
Spiked Amount 50.000		Recovery =	71.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.356	5099091	33.668 ug/ml
2) T Naphthalene (C11.7)	5.888	5777267	36.570 ug/ml
3) T 2-Methylnaphthalene (...)	6.937	5816122	36.598 ug/ml
5) T Acenaphthylene (C15.06)	8.211	6310847	44.012 ug/ml
7) T Acenaphthene (C15.5)	8.506	6366090	42.001 ug/ml
8) T Fluorene (C16.55)	9.285	6512906	44.236 ug/ml
9) T Phenanthrene (C19.36)	10.677	6723692	47.093 ug/ml
10) T Anthracene (C19.43)	10.751	6468287	46.160 ug/ml
12) T Fluoranthene (C21.85)	12.483	6905171	49.432 ug/ml
13) T Pyrene (C20.8)	12.778	6745203	49.532 ug/ml
14) T Benzo[a]anthracene (C...	14.642	6224348	48.828 ug/ml
15) T Chrysene (C27.41)	14.686	6187678	47.478 ug/ml
16) T benzo[b]fluoranthene ...	16.187	6244272	48.435 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	5850415	46.347 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.562	5490864	43.627 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.922	5716853	47.788 ug/ml
20) T Dibenz[a,h]anthracene...	17.963	5356670	44.409 ug/ml
21) T Benzo[g,h,i]perylene ...	18.177	5689167	45.724 ug/ml

(f)=RT Delta > 1/2 Window

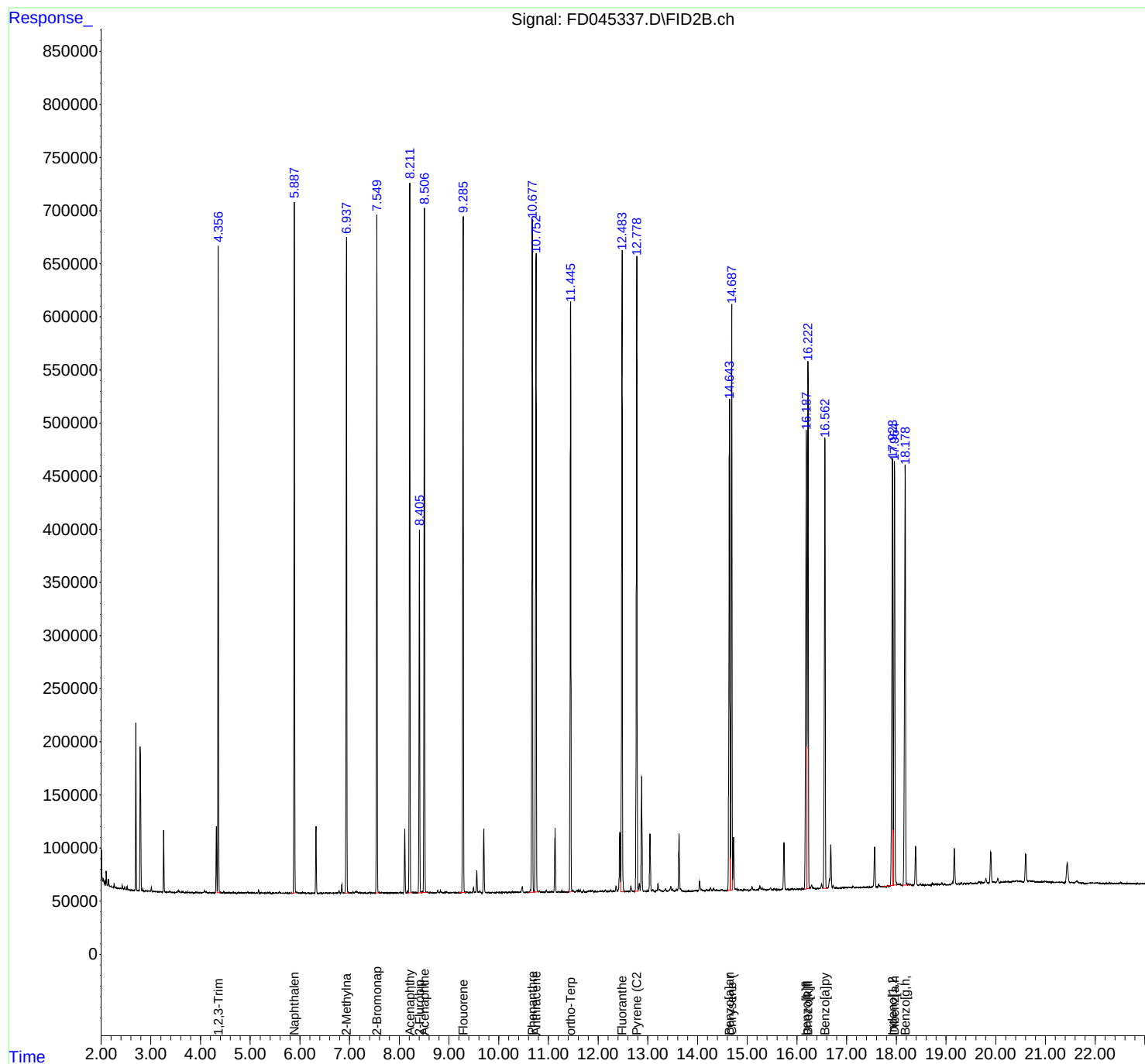
(m)=manual int.

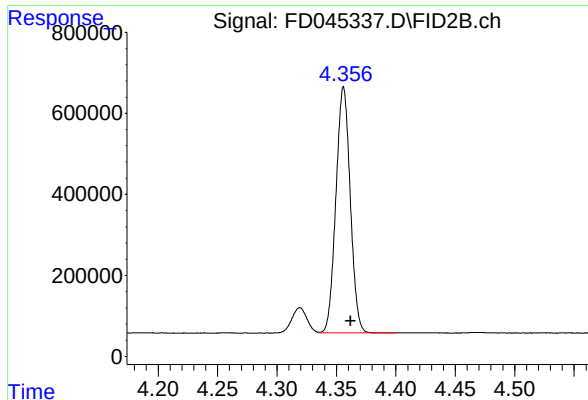
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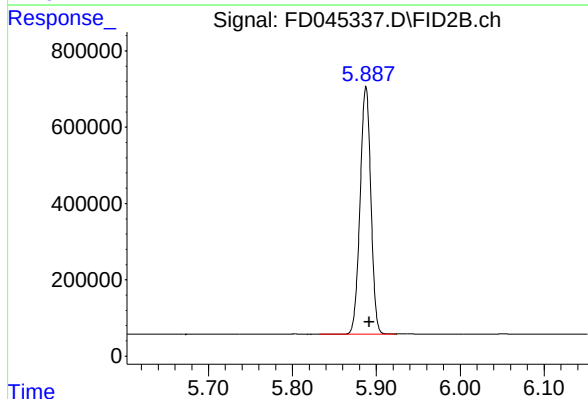




#1 1,2,3-Trimethylbenzene (C10.1)

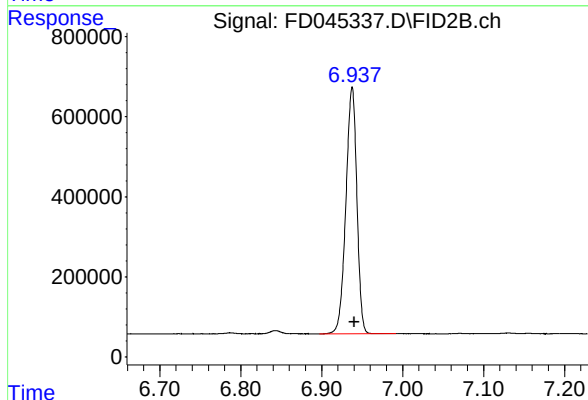
R.T.: 4.356 min
Delta R.T.: -0.006 min
Response: 5099091
Conc: 33.67 ug/ml

Instrument :
FID_D
ClientSampleId :



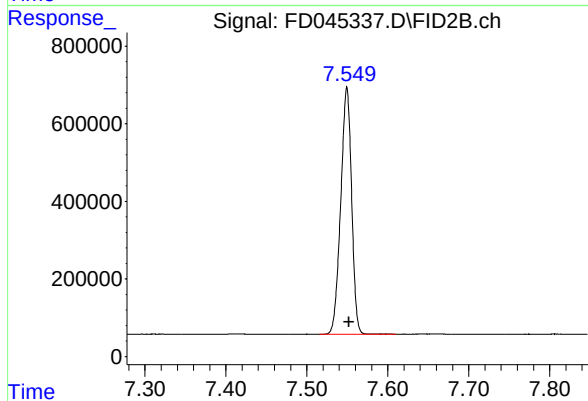
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: -0.004 min
Response: 5777267
Conc: 36.57 ug/ml



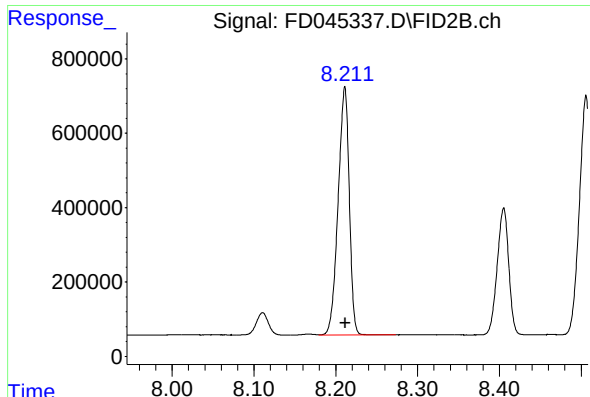
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 5816122
Conc: 36.60 ug/ml



#4 2-Bromonaphthalene (SURR)

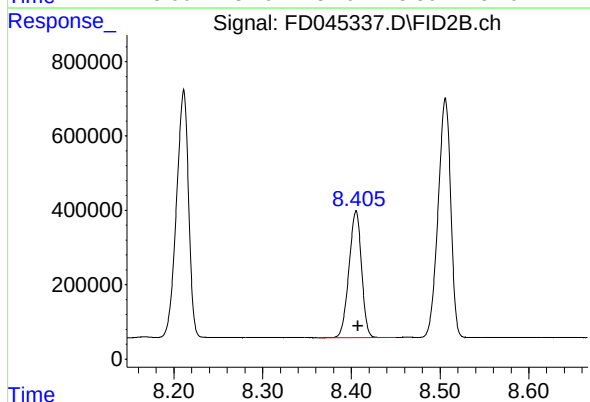
R.T.: 7.549 min
Delta R.T.: -0.002 min
Response: 5944941
Conc: 43.81 ug/ml



#5 Acenaphthylene (C15.06)

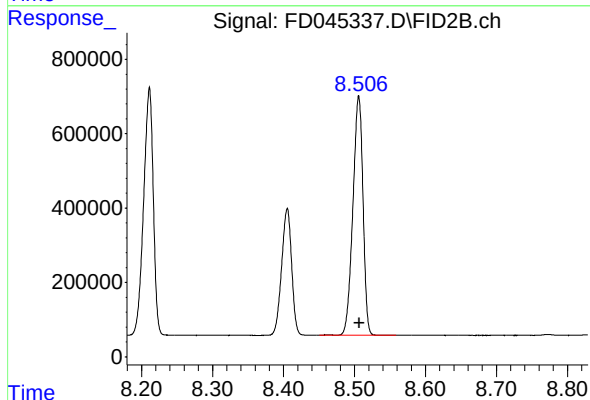
R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 6310847
Conc: 44.01 ug/ml

Instrument :
FID_D
ClientSampleId :



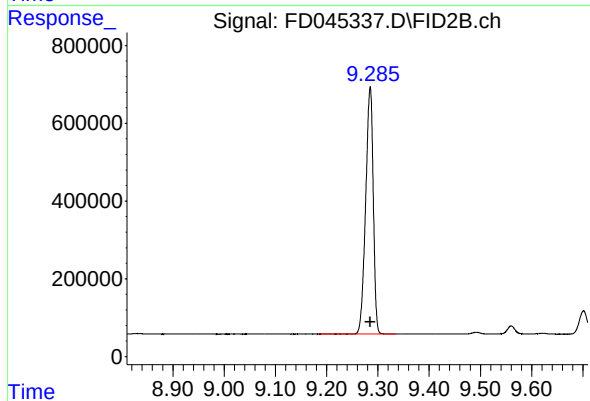
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.405 min
Delta R.T.: -0.002 min
Response: 3350676
Conc: 37.42 ug/ml



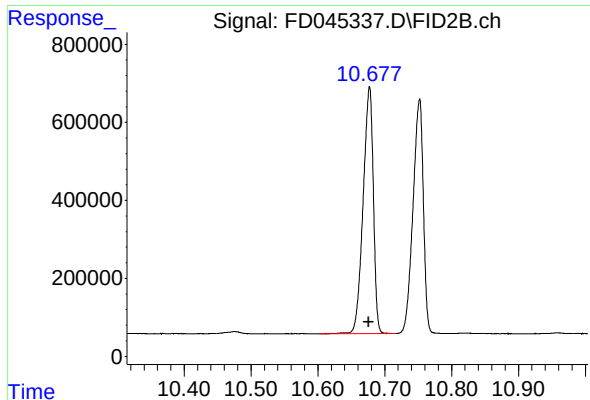
#7 Acenaphthene (C15.5)

R.T.: 8.506 min
Delta R.T.: -0.001 min
Response: 6366090
Conc: 42.00 ug/ml



#8 Flouorene (C16.55)

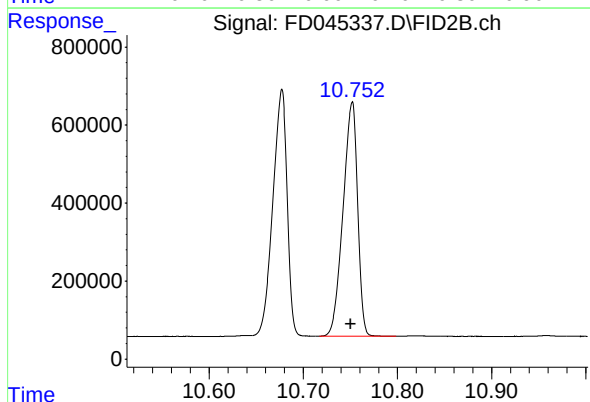
R.T.: 9.285 min
Delta R.T.: 0.000 min
Response: 6512906
Conc: 44.24 ug/ml



#9 Phenanthrene (C19.36)

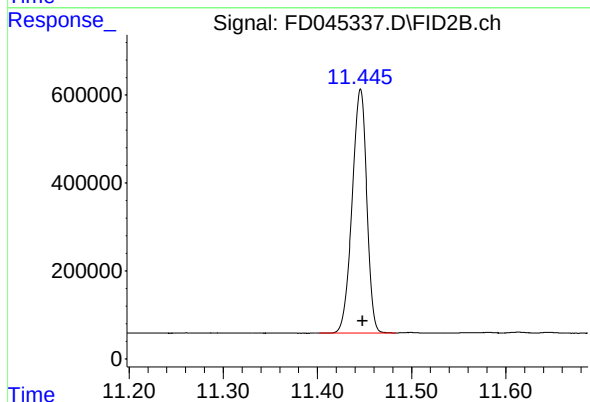
R.T.: 10.677 min
Delta R.T.: 0.000 min
Response: 6723692
Conc: 47.09 ug/ml

Instrument :
FID_D
ClientSampleId :



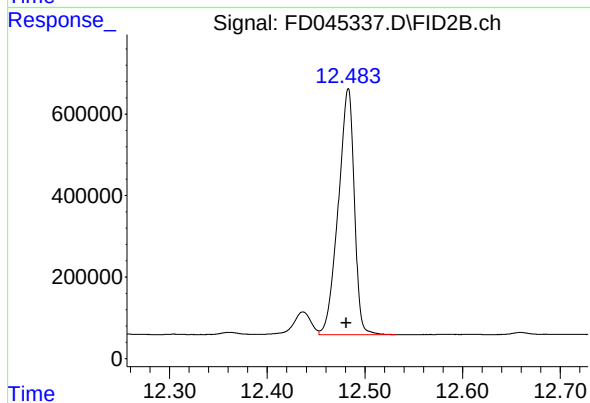
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: 0.001 min
Response: 6468287
Conc: 46.16 ug/ml



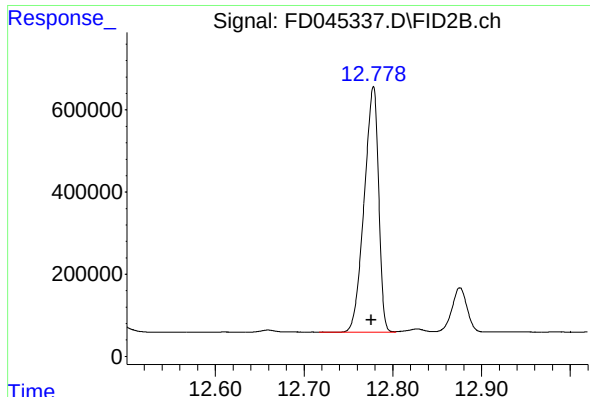
#11 ortho-Terphenyl (SURR)

R.T.: 11.446 min
Delta R.T.: -0.002 min
Response: 5982954
Conc: 35.94 ug/ml



#12 Fluoranthene (C21.85)

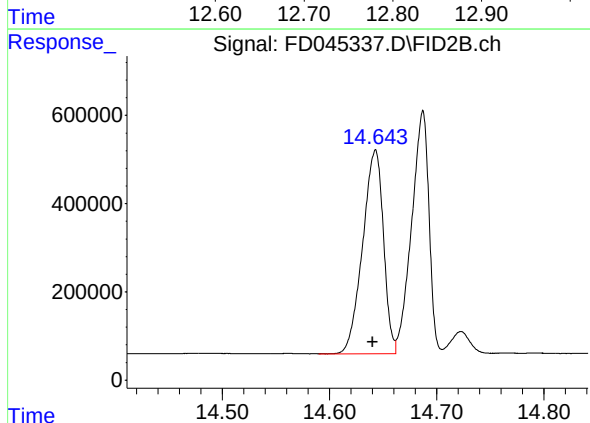
R.T.: 12.483 min
Delta R.T.: 0.002 min
Response: 6905171
Conc: 49.43 ug/ml



#13 Pyrene (C20.8)

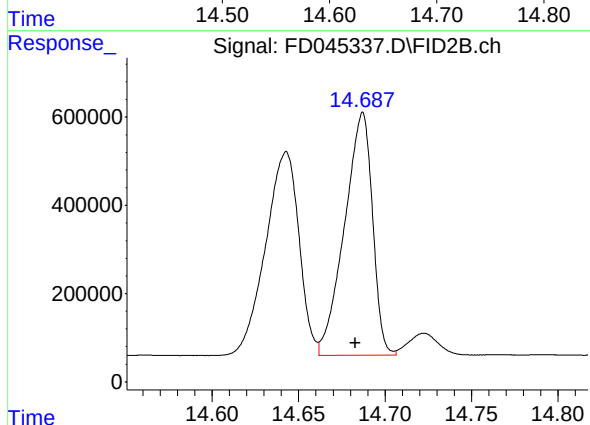
R.T.: 12.778 min
Delta R.T.: 0.002 min
Response: 6745203
Conc: 49.53 ug/ml

Instrument :
FID_D
ClientSampleId :



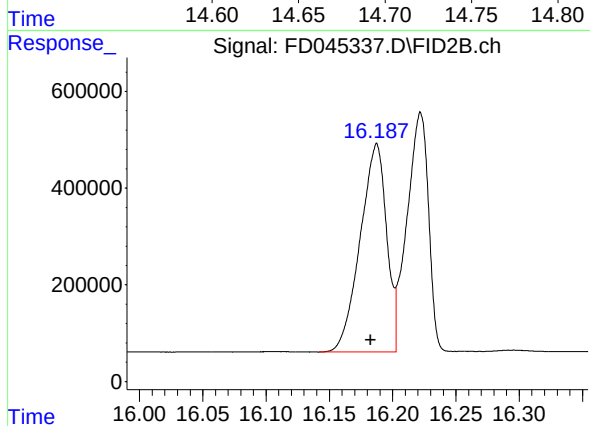
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: 0.002 min
Response: 6224348
Conc: 48.83 ug/ml



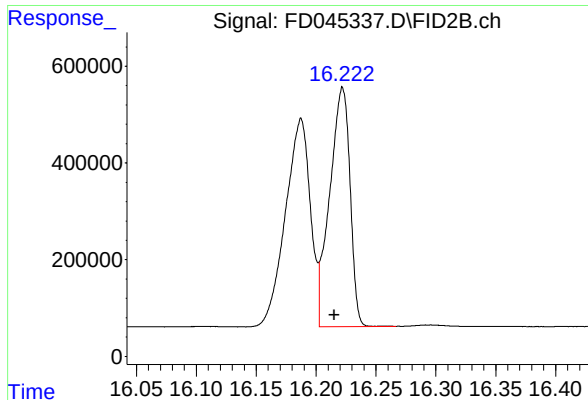
#15 Chrysene (C27.41)

R.T.: 14.686 min
Delta R.T.: 0.004 min
Response: 6187678
Conc: 47.48 ug/ml



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

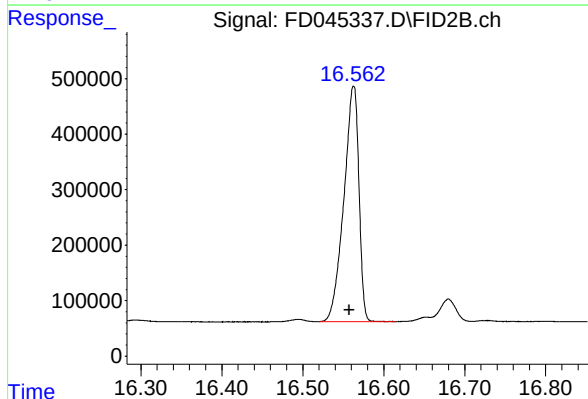
R.T.: 16.187 min
Delta R.T.: 0.005 min
Response: 6244272
Conc: 48.44 ug/ml



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

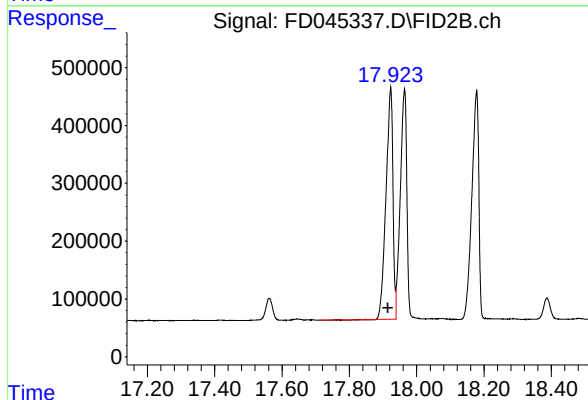
R.T.: 16.222 min
Delta R.T.: 0.006 min
Response: 5850415
Conc: 46.35 ug/ml

Instrument :
FID_D
ClientSampleId :



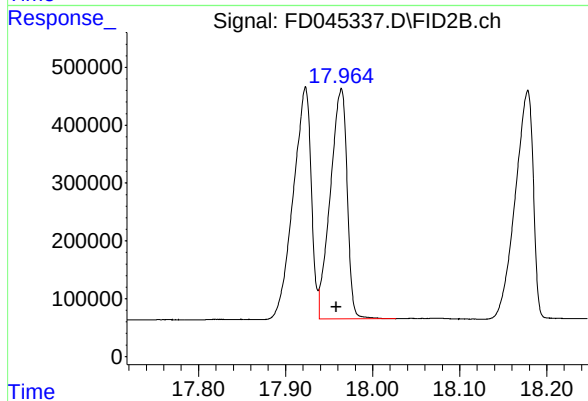
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.562 min
Delta R.T.: 0.005 min
Response: 5490864
Conc: 43.63 ug/ml



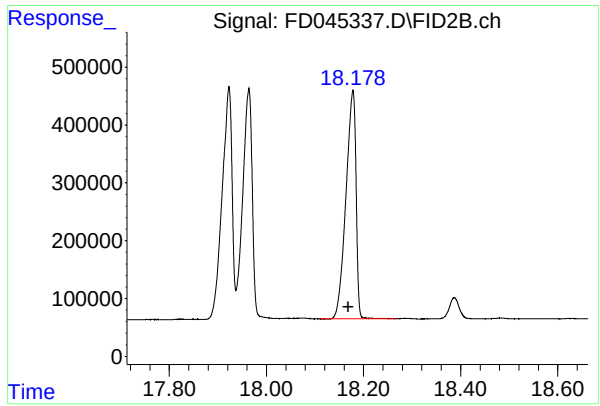
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.922 min
Delta R.T.: 0.008 min
Response: 5716853
Conc: 47.79 ug/ml



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

R.T.: 17.963 min
Delta R.T.: 0.005 min
Response: 5356670
Conc: 44.41 ug/ml



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

R.T.: 18.177 min

Delta R.T.: 0.009 min

Response: 5689167

Conc: 45.72 ug/ml

Instrument :

FID_D

ClientSampleId :