

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071923AR\
 Data File : FD046137.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jul 2023 21:30
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 20 03:10:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.506	2947204	19.716 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
6) S 2-Fluorobiphenyl (SURR)	8.360	1823522	19.479 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.96%
11) S ortho-Terphenyl (SURR)	11.397	3373322	19.316 ug/ml
Spiked Amount 50.000		Recovery =	38.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.319	3619686	19.867 ug/ml
2) T Naphthalene (C11.7)	5.846	3589933	19.876 ug/ml
3) T 2-Methylnaphthalene (...)	6.894	3472409	19.729 ug/ml
5) T Acenaphthylene (C15.06)	8.164	2988375	19.586 ug/ml
7) T Acenaphthene (C15.5)	8.459	3193178	19.583 ug/ml
8) T Fluorene (C16.55)	9.237	2969534	19.516 ug/ml
9) T Phenanthrene (C19.36)	10.626	2767141	19.217 ug/ml
10) T Anthracene (C19.43)	10.699	2505619	19.146 ug/ml
12) T Fluoranthene (C21.85)	12.429	2697550	19.305 ug/ml
13) T Pyrene (C20.8)	12.722	2667772	19.249 ug/ml
14) T Benzo[a]anthracene (C...	14.587	2545450	19.392 ug/ml
15) T Chrysene (C27.41)	14.628	2713879	19.247 ug/ml
16) T benzo[b]fluoranthene ...	16.129	2672043	19.538 ug/ml
17) T Bnezo[k]fluoranthene ...	16.160	2628181	19.174 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.502	2532298	19.451 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.858	2198158	18.276 ug/ml
20) T Dibenz[a,h]anthracene...	17.900	2281673	17.840 ug/ml
21) T Benzo[g,h,i]perylene ...	18.110	2367148	18.658 ug/ml

(f)=RT Delta > 1/2 Window

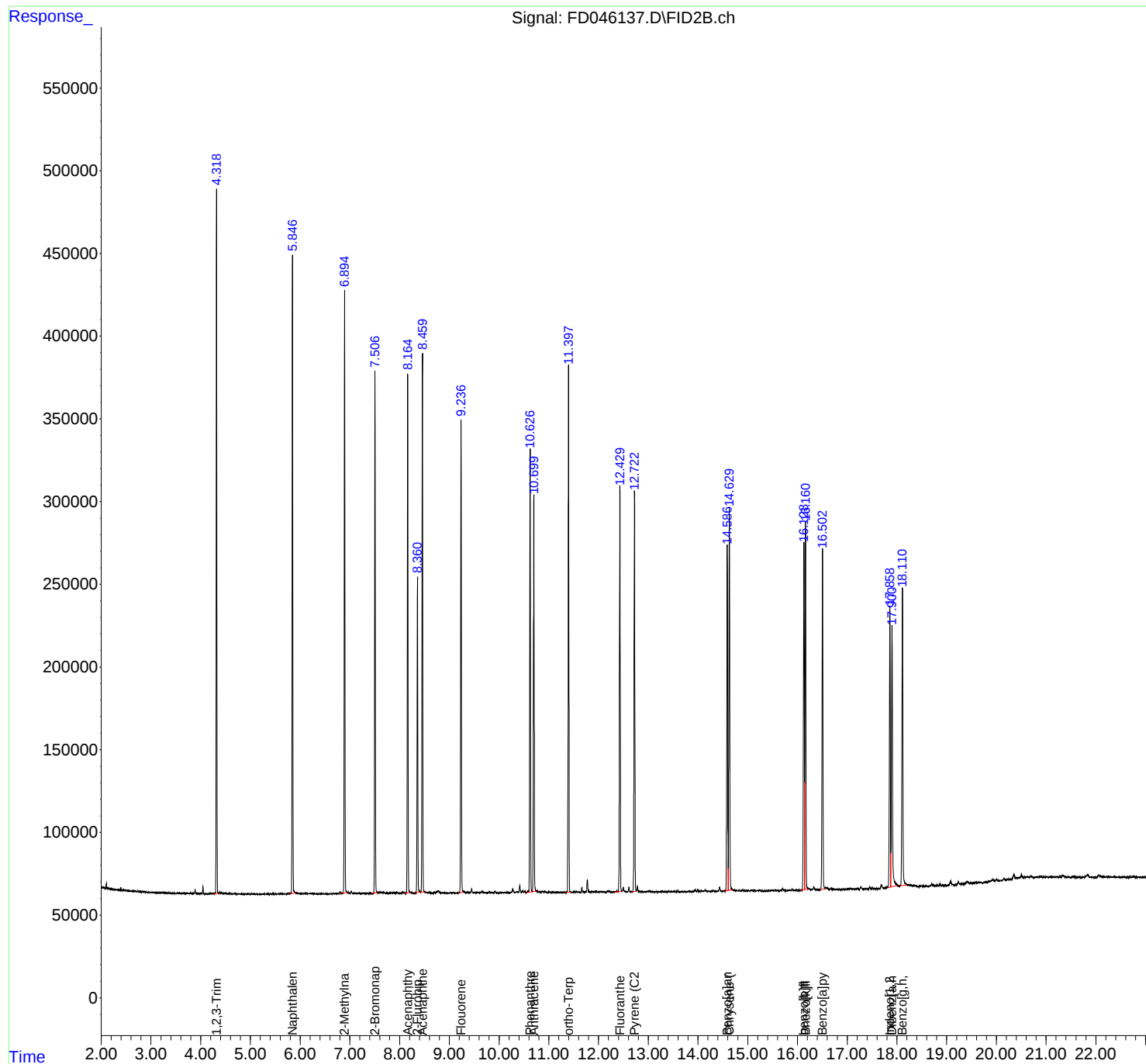
(m)=manual int.

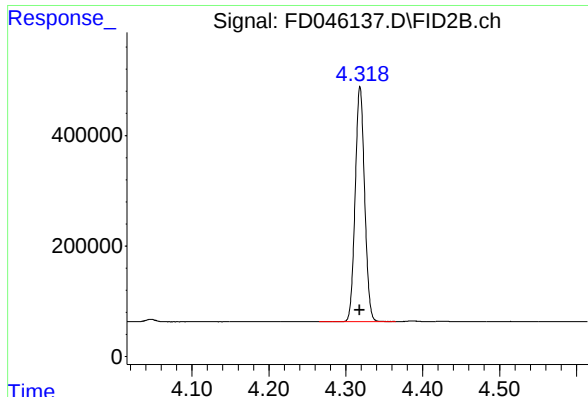
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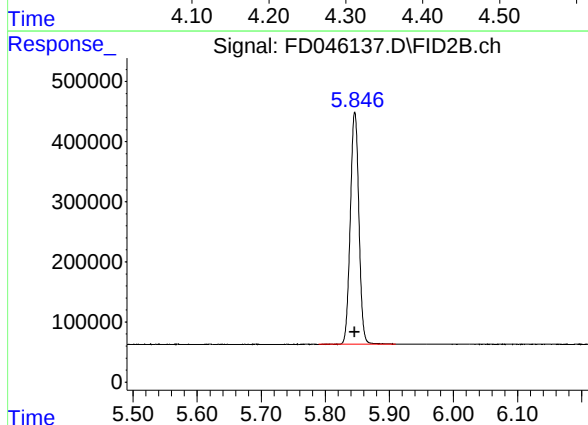




#1 1,2,3-Trimethylbenzene (C10.1)

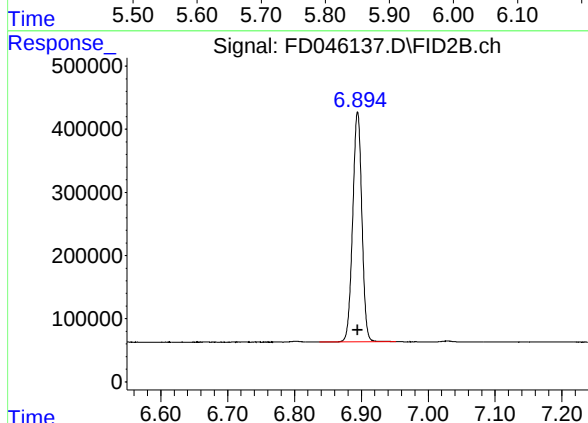
R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 3619686
Conc: 19.87 ug/ml

Instrument :
FID_D
ClientSampleId :



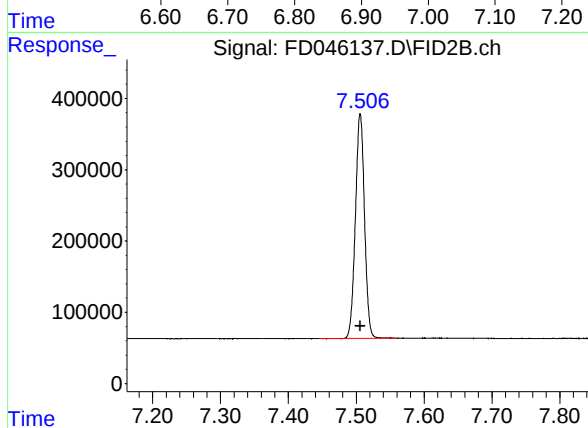
#2 Naphthalene (C11.7)

R.T.: 5.846 min
Delta R.T.: 0.000 min
Response: 3589933
Conc: 19.88 ug/ml



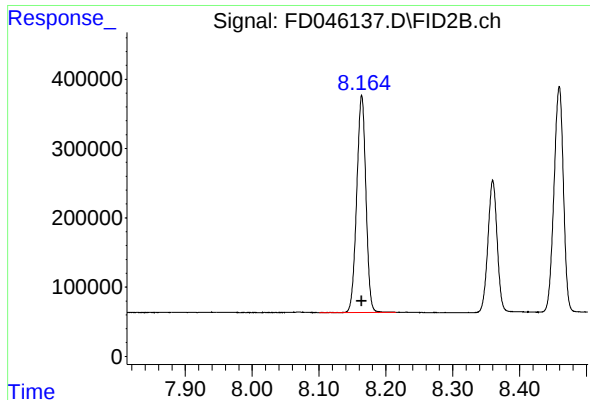
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 3472409
Conc: 19.73 ug/ml



#4 2-Bromonaphthalene (SURR)

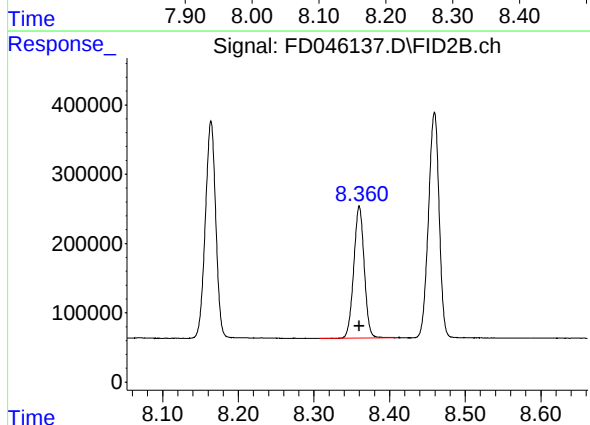
R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 2947204
Conc: 19.72 ug/ml



#5 Acenaphthylene (C15.06)

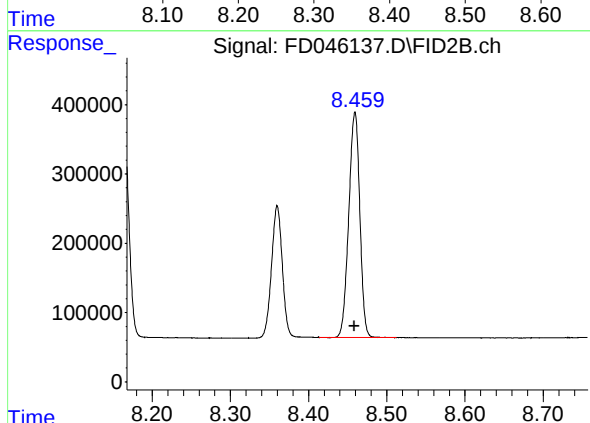
R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 2988375
Conc: 19.59 ug/ml

Instrument :
FID_D
ClientSampleId :



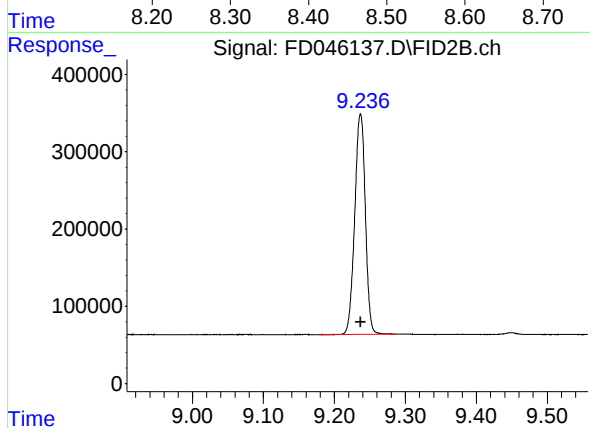
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 1823522
Conc: 19.48 ug/ml



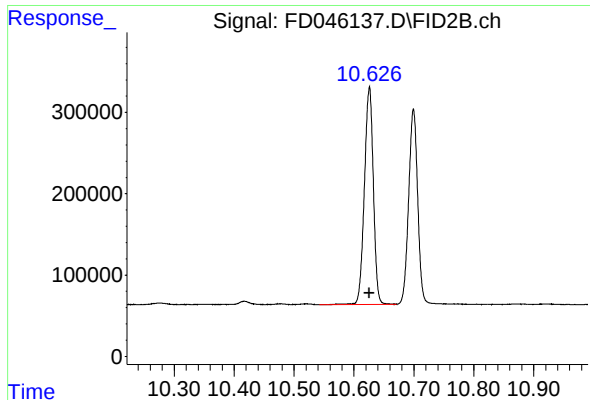
#7 Acenaphthene (C15.5)

R.T.: 8.459 min
Delta R.T.: 0.000 min
Response: 3193178
Conc: 19.58 ug/ml



#8 Flouorene (C16.55)

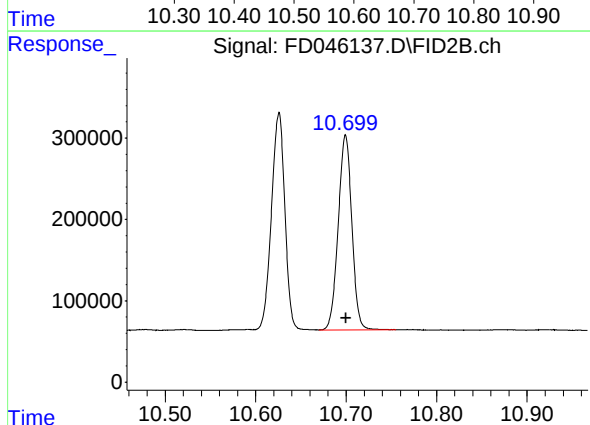
R.T.: 9.237 min
Delta R.T.: 0.000 min
Response: 2969534
Conc: 19.52 ug/ml



#9 Phenanthrene (C19.36)

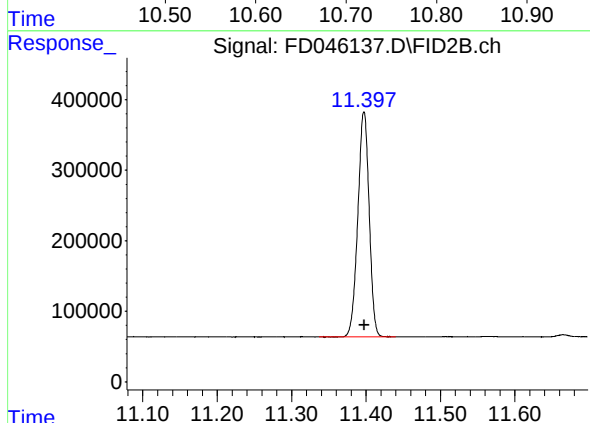
R.T.: 10.626 min
Delta R.T.: 0.000 min
Response: 2767141
Conc: 19.22 ug/ml

Instrument :
FID_D
ClientSampleId :



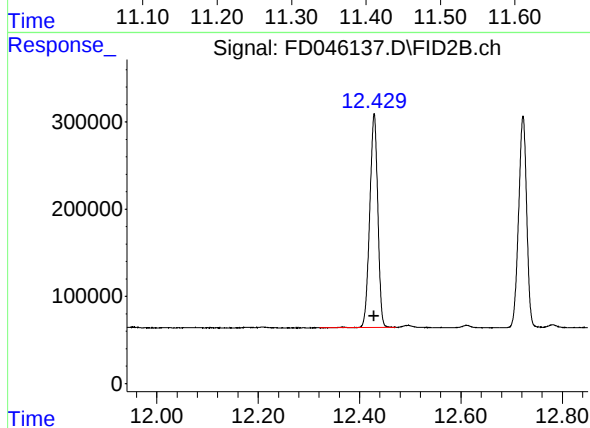
#10 Anthracene (C19.43)

R.T.: 10.699 min
Delta R.T.: 0.000 min
Response: 2505619
Conc: 19.15 ug/ml



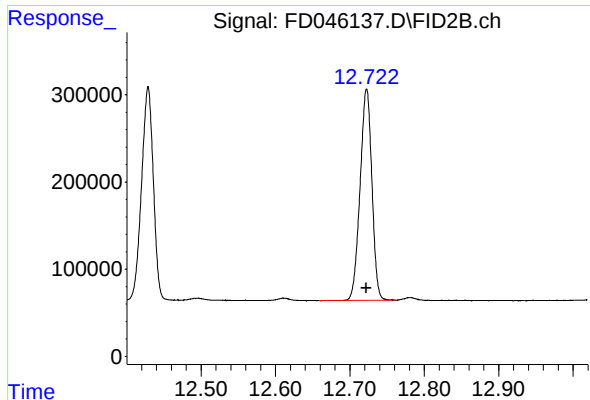
#11 ortho-Terphenyl (SURR)

R.T.: 11.397 min
Delta R.T.: 0.000 min
Response: 3373322
Conc: 19.32 ug/ml



#12 Fluoranthene (C21.85)

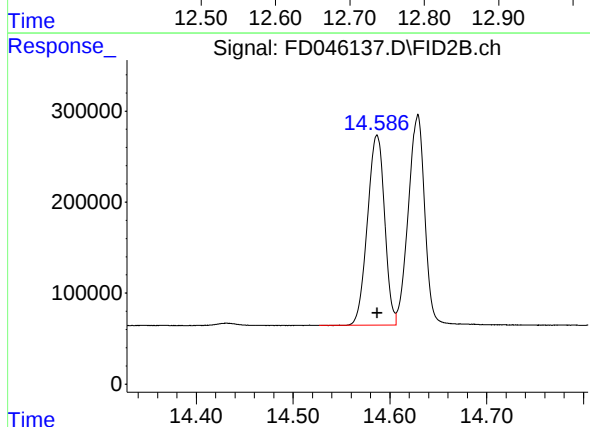
R.T.: 12.429 min
Delta R.T.: 0.000 min
Response: 2697550
Conc: 19.31 ug/ml



#13 Pyrene (C20.8)

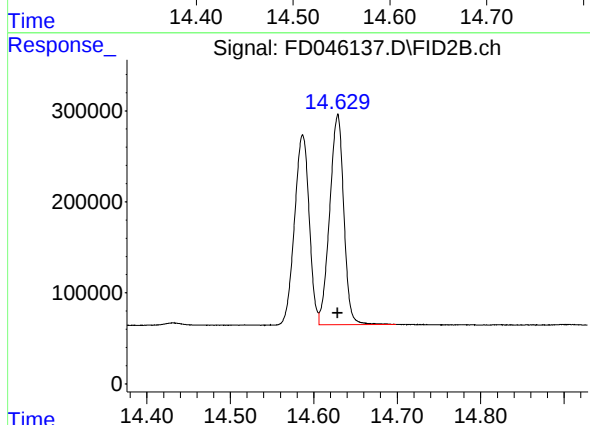
R.T.: 12.722 min
Delta R.T.: 0.000 min
Response: 2667772
Conc: 19.25 ug/ml

Instrument :
FID_D
ClientSampleId :



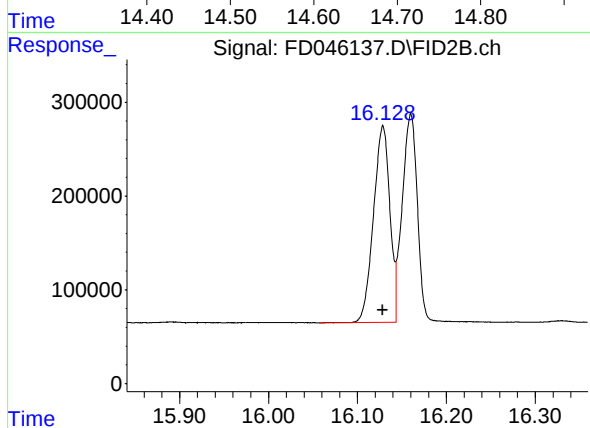
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.587 min
Delta R.T.: 0.000 min
Response: 2545450
Conc: 19.39 ug/ml



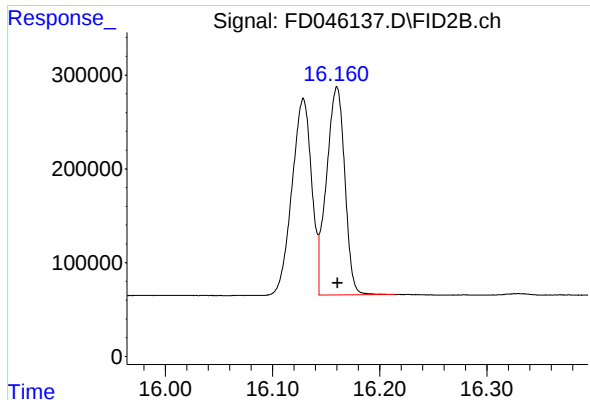
#15 Chrysene (C27.41)

R.T.: 14.628 min
Delta R.T.: 0.000 min
Response: 2713879
Conc: 19.25 ug/ml



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

R.T.: 16.129 min
Delta R.T.: 0.000 min
Response: 2672043
Conc: 19.54 ug/ml



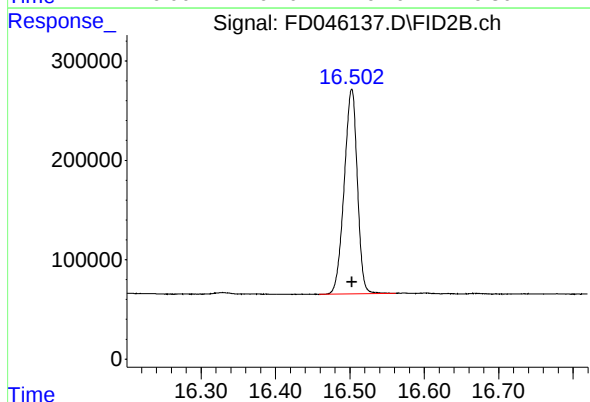
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.160 min
Delta R.T.: 0.000 min
Response: 2628181
Conc: 19.17 ug/ml

Instrument :

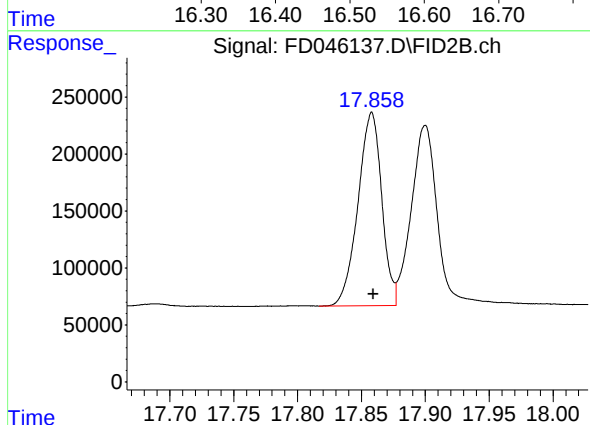
FID_D

ClientSampleId :



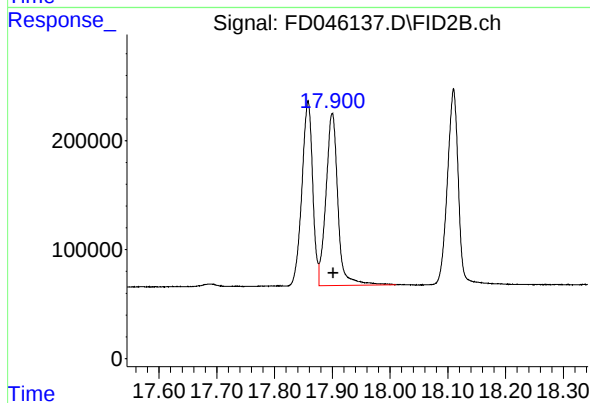
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.502 min
Delta R.T.: 0.000 min
Response: 2532298
Conc: 19.45 ug/ml



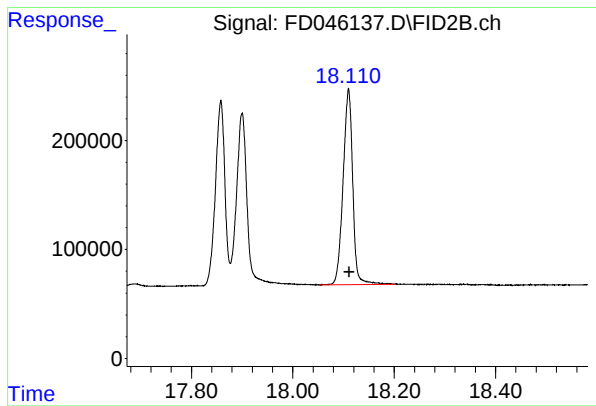
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.858 min
Delta R.T.: -0.002 min
Response: 2198158
Conc: 18.28 ug/ml



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

R.T.: 17.900 min
Delta R.T.: -0.002 min
Response: 2281673
Conc: 17.84 ug/ml



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

R.T.: 18.110 min
Delta R.T.: -0.001 min
Response: 2367148
Conc: 18.66 ug/ml

Instrument :

FID_D

ClientSampleId :