

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072423AR\
 Data File : FD046199.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jul 2023 12:03
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 24 12:50:05 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...	7.505	2909229	19.462 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
6) S 2-Fluorobiphenyl (SURR)	8.360	1832298	19.573 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.15%
11) S ortho-Terphenyl (SURR)	11.397	3469291	19.865 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.318	3470968	19.051 ug/ml
2) T Naphthalene (C11.7)	5.845	3480332	19.269 ug/ml
3) T 2-Methylnaphthalene (...)	6.894	3413905	19.397 ug/ml
5) T Acenaphthylene (C15.06)	8.164	2976756	19.510 ug/ml
7) T Acenaphthene (C15.5)	8.459	3188001	19.551 ug/ml
8) T Flouorene (C16.55)	9.237	3001380	19.725 ug/ml
9) T Phenanthrene (C19.36)	10.626	2836442	19.698 ug/ml
10) T Anthracene (C19.43)	10.701	2563403	19.587 ug/ml
12) T Fluoranthene (C21.85)	12.429	2754847	19.715 ug/ml
13) T Pyrene (C20.8)	12.724	2692475	19.427 ug/ml
14) T Benzo[a]anthracene (C...	14.588	2536715	19.326 ug/ml
15) T Chrysene (C27.41)	14.631	2653455	18.819 ug/ml
16) T benzo[b]fluoranthene ...	16.130	2705798	19.784 ug/ml
17) T Bnezo[k]fluoranthene ...	16.163	2642074	19.275 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.505	2589606	19.891 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.863	2480605	20.625 ug/ml
20) T Dibenz[a,h]anthracene...	17.904	2452972	19.180 ug/ml
21) T Benzo[g,h,i]perylene ...	18.115	2593057	20.439 ug/ml

(f)=RT Delta > 1/2 Window

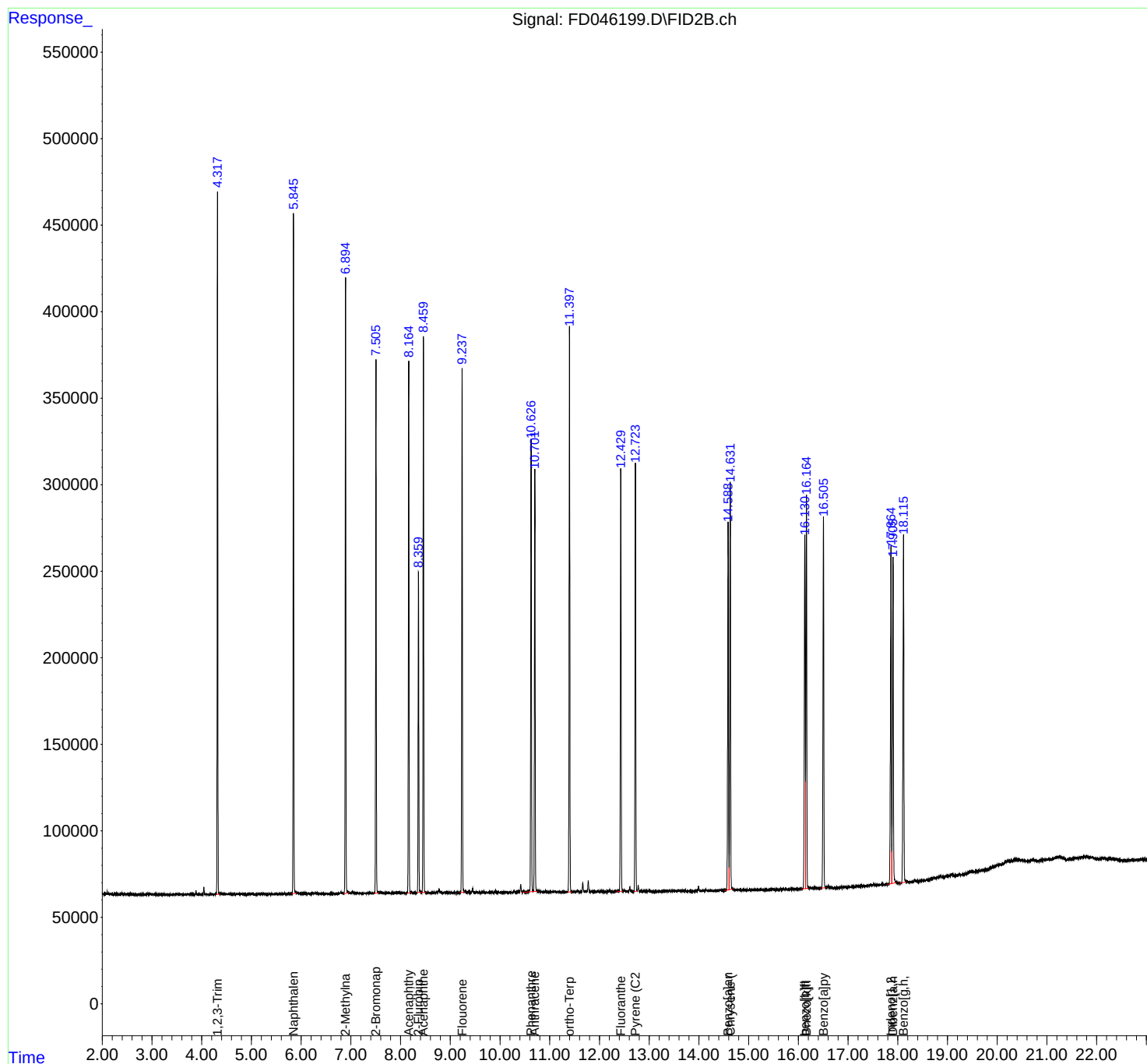
(m)=manual int.

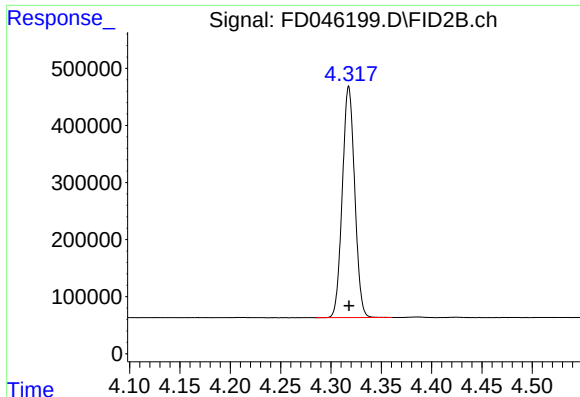
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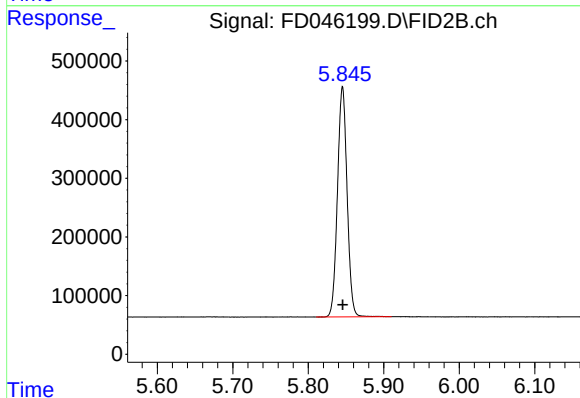




#1 1,2,3-Trimethylbenzene (C10.1)

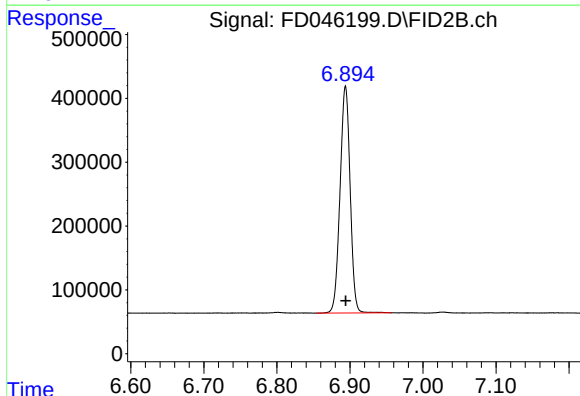
R.T.: 4.318 min
Delta R.T.: 0.000 min
Response: 3470968
Conc: 19.05 ug/ml

Instrument :
FID_D
ClientSampleId :



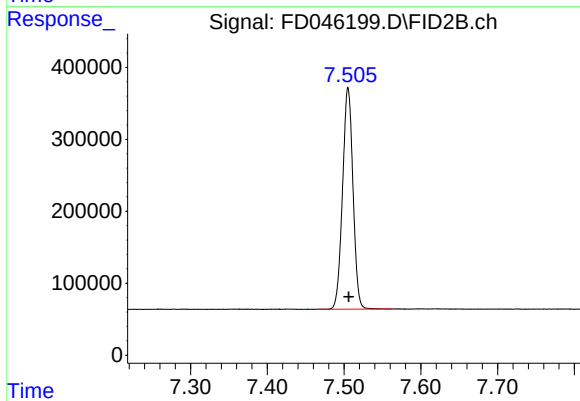
#2 Naphthalene (C11.7)

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 3480332
Conc: 19.27 ug/ml



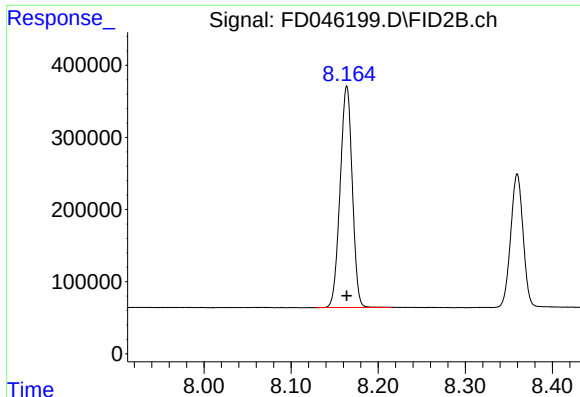
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 3413905
Conc: 19.40 ug/ml



#4 2-Bromonaphthalene (SURR)

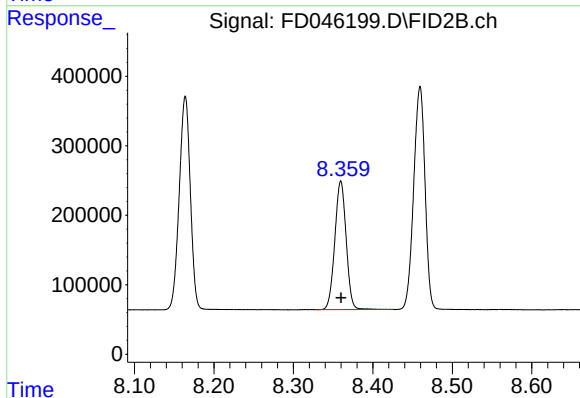
R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 2909229
Conc: 19.46 ug/ml



#5 Acenaphthylene (C15.06)

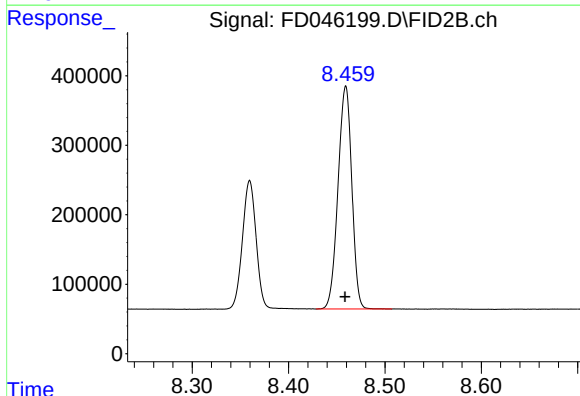
R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 2976756
Conc: 19.51 ug/ml

Instrument :
FID_D
ClientSampleId :



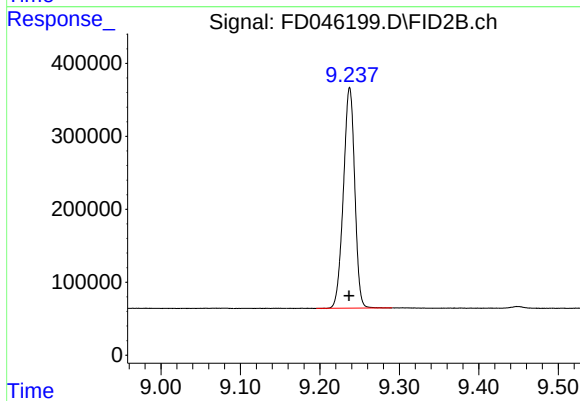
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 1832298
Conc: 19.57 ug/ml



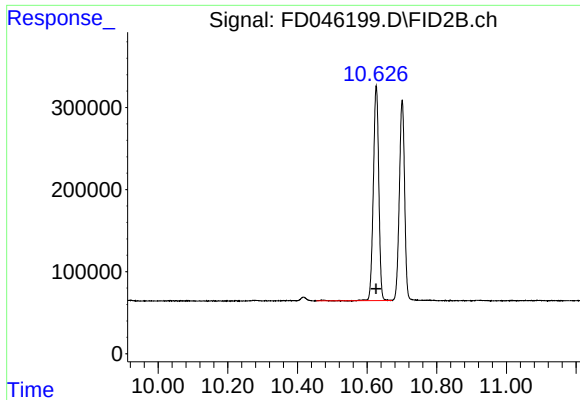
#7 Acenaphthene (C15.5)

R.T.: 8.459 min
Delta R.T.: 0.000 min
Response: 3188001
Conc: 19.55 ug/ml



#8 Fluorene (C16.55)

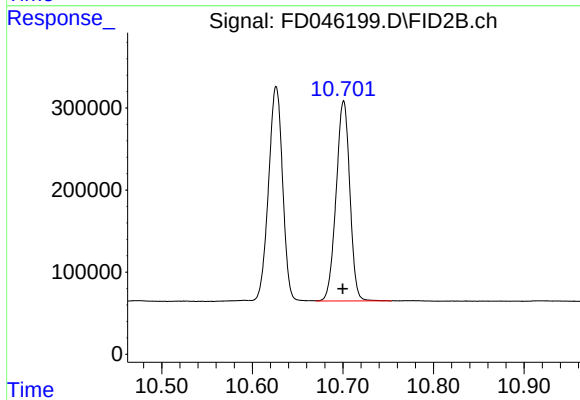
R.T.: 9.237 min
Delta R.T.: 0.000 min
Response: 3001380
Conc: 19.73 ug/ml



#9 Phenanthrene (C19.36)

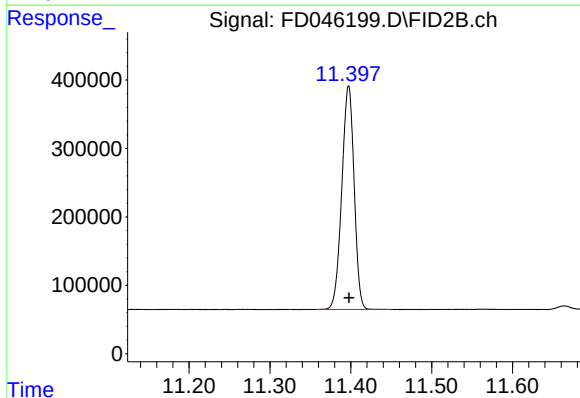
R.T.: 10.626 min
Delta R.T.: 0.000 min
Response: 2836442
Conc: 19.70 ug/ml

Instrument :
FID_D
ClientSampleId :



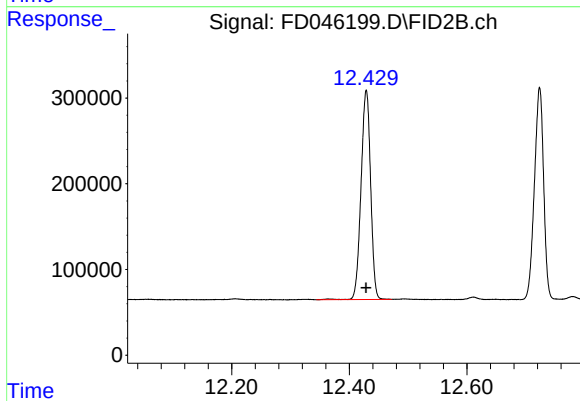
#10 Anthracene (C19.43)

R.T.: 10.701 min
Delta R.T.: 0.001 min
Response: 2563403
Conc: 19.59 ug/ml



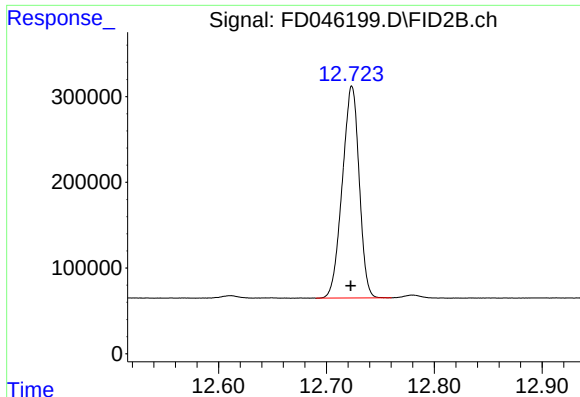
#11 ortho-Terphenyl (SURR)

R.T.: 11.397 min
Delta R.T.: 0.000 min
Response: 3469291
Conc: 19.87 ug/ml



#12 Fluoranthene (C21.85)

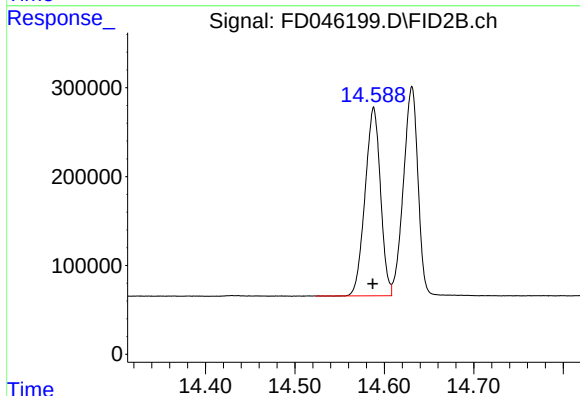
R.T.: 12.429 min
Delta R.T.: 0.000 min
Response: 2754847
Conc: 19.72 ug/ml



#13 Pyrene (C20.8)

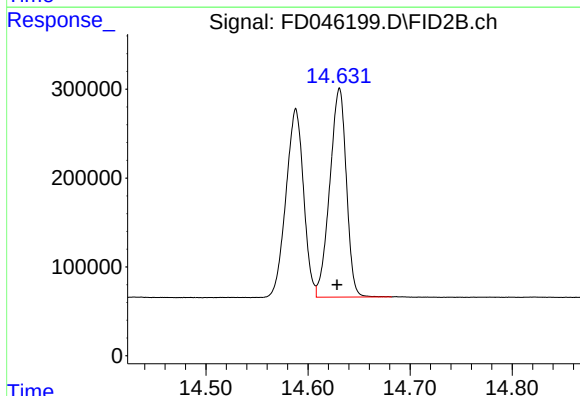
R.T.: 12.724 min
Delta R.T.: 0.001 min
Response: 2692475
Conc: 19.43 ug/ml

Instrument :
FID_D
ClientSampleId :



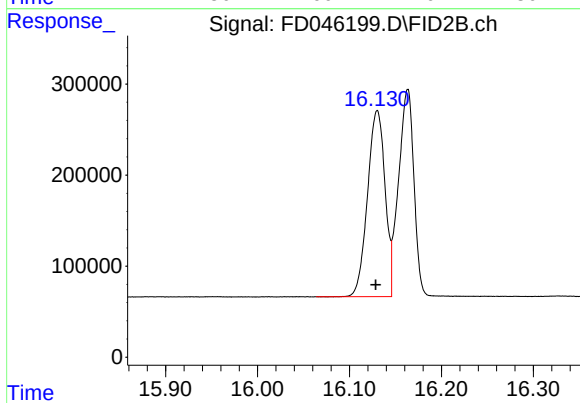
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.588 min
Delta R.T.: 0.000 min
Response: 2536715
Conc: 19.33 ug/ml



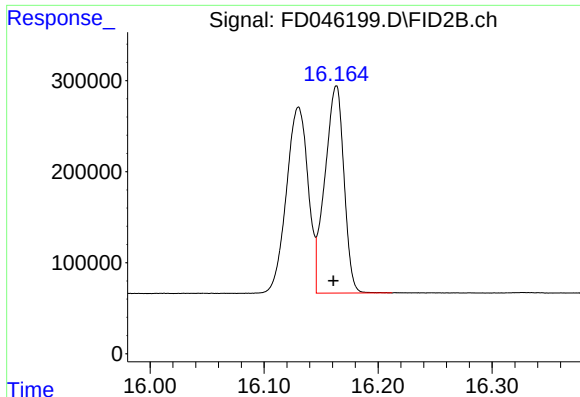
#15 Chrysene (C27.41)

R.T.: 14.631 min
Delta R.T.: 0.002 min
Response: 2653455
Conc: 18.82 ug/ml



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

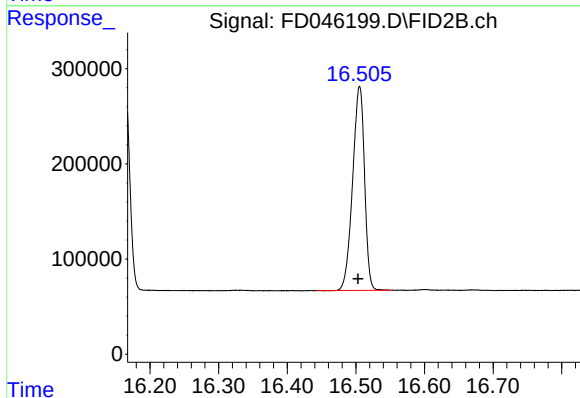
R.T.: 16.130 min
Delta R.T.: 0.002 min
Response: 2705798
Conc: 19.78 ug/ml



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

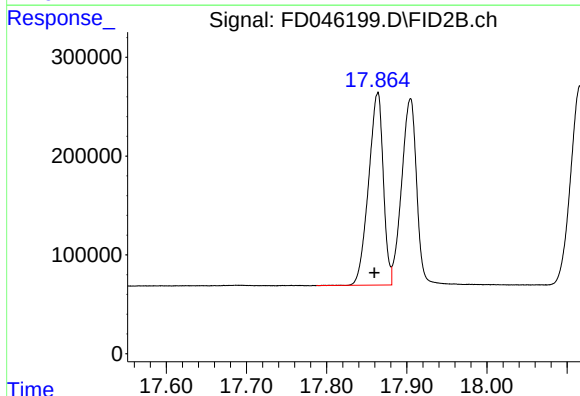
R.T.: 16.163 min
Delta R.T.: 0.002 min
Response: 2642074
Conc: 19.28 ug/ml

Instrument :
FID_D
ClientSampleId :



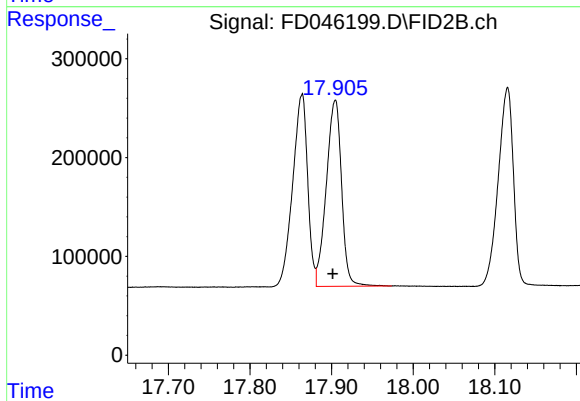
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.505 min
Delta R.T.: 0.002 min
Response: 2589606
Conc: 19.89 ug/ml



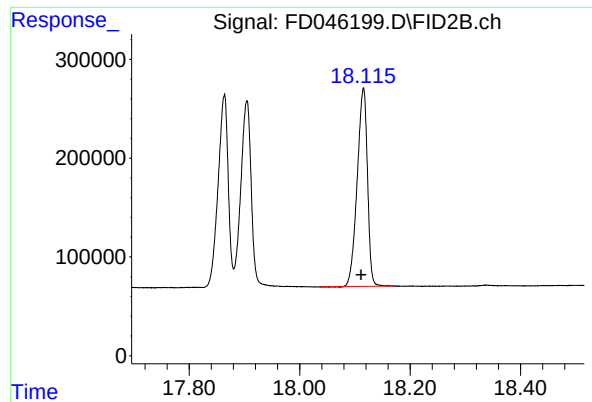
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.863 min
Delta R.T.: 0.004 min
Response: 2480605
Conc: 20.62 ug/ml



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

R.T.: 17.904 min
Delta R.T.: 0.003 min
Response: 2452972
Conc: 19.18 ug/ml



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

R.T.: 18.115 min
Delta R.T.: 0.004 min
Response: 2593057
Conc: 20.44 ug/ml

Instrument :

FID_D

ClientSampleId :