

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040723AR\
 Data File : FD045439.D
 Signal(s) : FID2B.ch
 Acq On : 07 Apr 2023 12:07
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 10 04:40:51 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...	7.546	2789919	20.363 ug/ml
Spiked Amount 50.000		Recovery =	40.73%
6) S 2-Fluorobiphenyl (SURR)	8.401	1815613	20.253 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.51%
11) S ortho-Terphenyl (SURR)	11.441	3469596	19.942 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.356	3170853	20.354 ug/ml
2) T Naphthalene (C11.7)	5.886	3273027	20.366 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	3241241	20.248 ug/ml
5) T Acenaphthylene (C15.06)	8.206	2906904	19.854 ug/ml
7) T Acenaphthene (C15.5)	8.501	3128017	20.167 ug/ml
8) T Fluorene (C16.55)	9.279	3007162	20.279 ug/ml
9) T Phenanthrene (C19.36)	10.669	2897832	20.005 ug/ml
10) T Anthracene (C19.43)	10.743	2506580	18.134 ug/ml
12) T Fluoranthene (C21.85)	12.474	2861925	19.892 ug/ml
13) T Pyrene (C20.8)	12.769	2797468	19.897 ug/ml
14) T Benzo[a]anthracene (C...	14.634	2555939	19.930 ug/ml
15) T Chrysene (C27.41)	14.675	2694235	20.318 ug/ml
16) T benzo[b]fluoranthene ...	16.175	2591867	19.952 ug/ml
17) T Bnezo[k]fluoranthene ...	16.207	2663824	21.032 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.549	2479897	19.724 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.906	2247719	18.991 ug/ml
20) T Dibenz[a,h]anthracene...	17.947	2457359	20.627 ug/ml
21) T Benzo[g,h,i]perylene ...	18.159	2346369	18.785 ug/ml

(f)=RT Delta > 1/2 Window

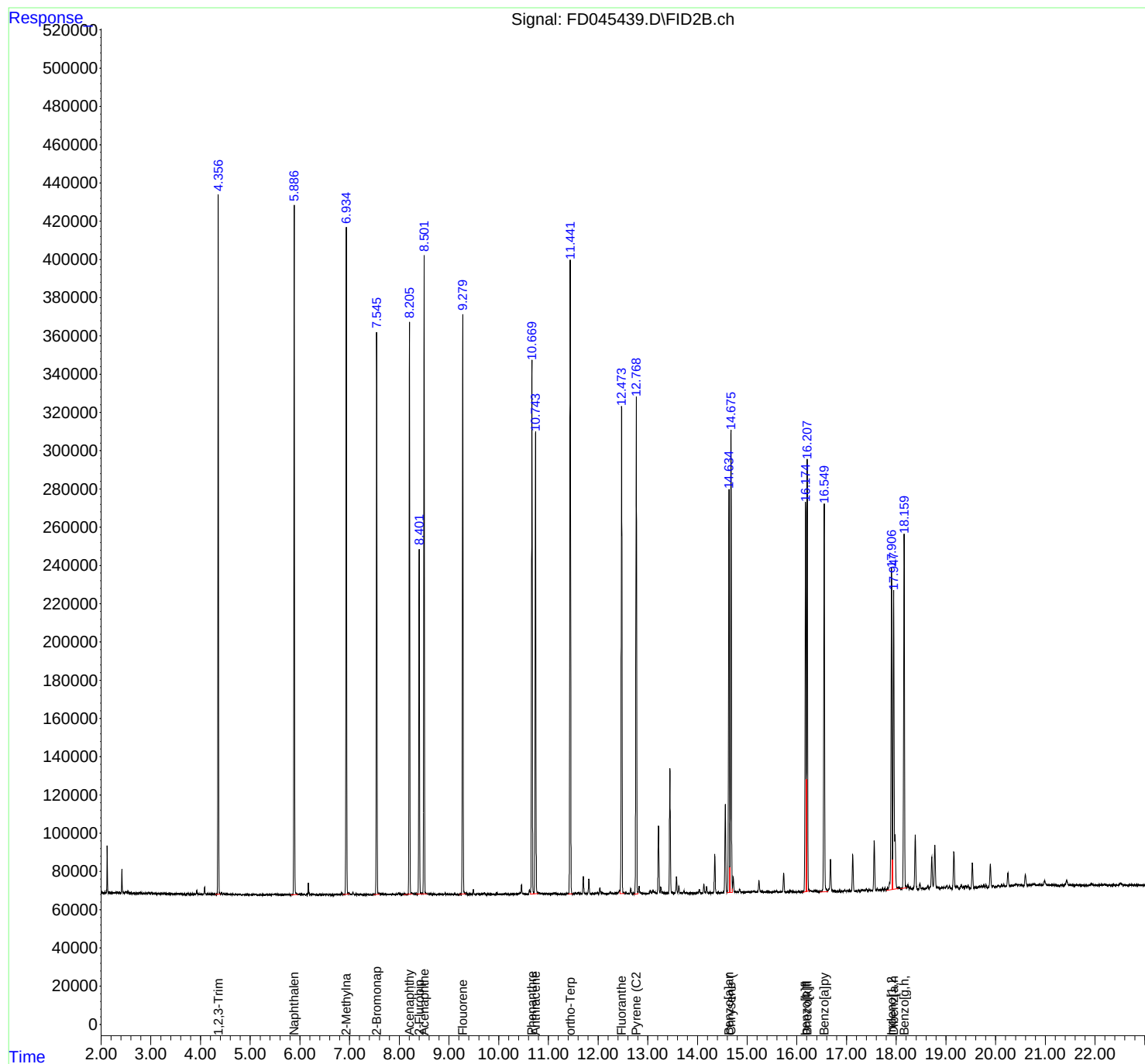
(m)=manual int.

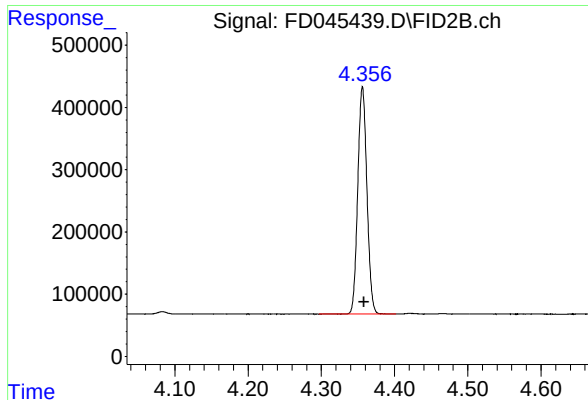
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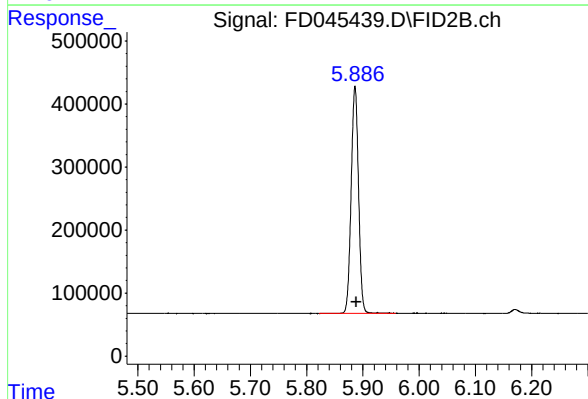




#1 1,2,3-Trimethylbenzene (C10.1)

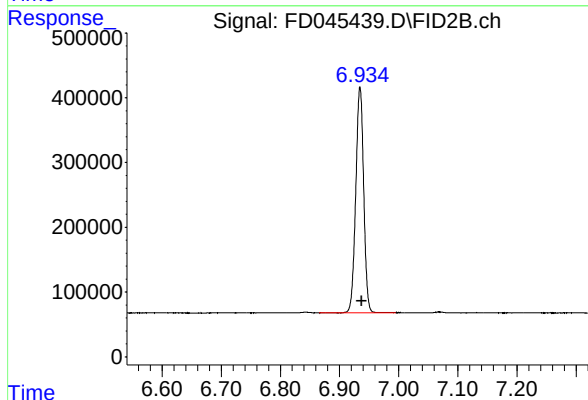
R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 3170853
Conc: 20.35 ug/ml

Instrument :
FID_D
ClientSampleId :



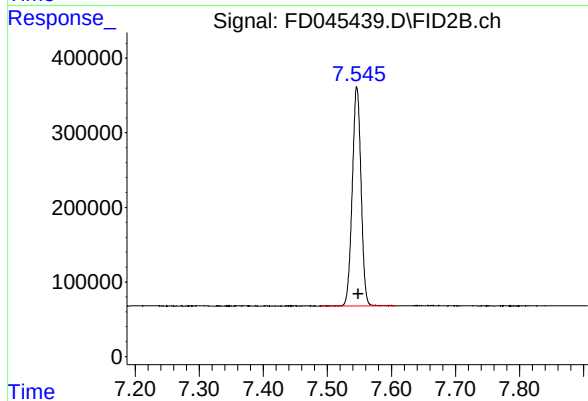
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 3273027
Conc: 20.37 ug/ml



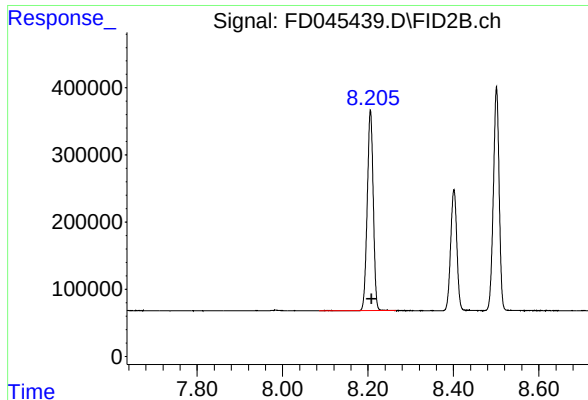
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: -0.003 min
Response: 3241241
Conc: 20.25 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.546 min
Delta R.T.: -0.003 min
Response: 2789919
Conc: 20.36 ug/ml



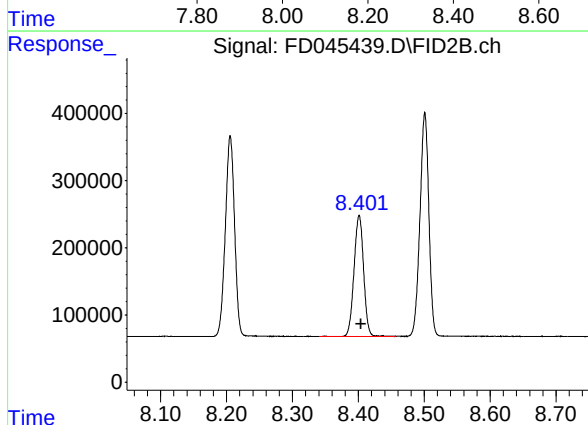
#5 Acenaphthylene (C15.06)

R.T.: 8.206 min
Delta R.T.: -0.003 min
Response: 2906904
Conc: 19.85 ug/ml

Instrument :

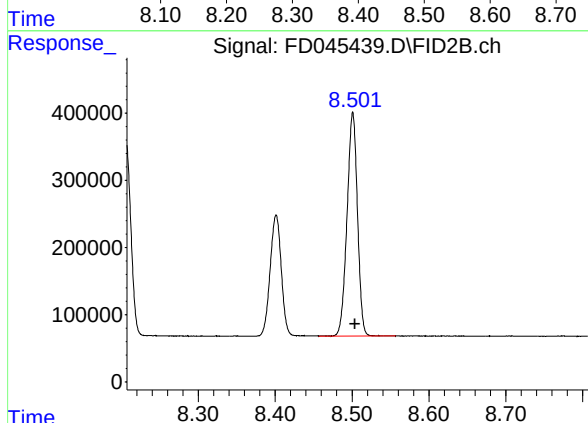
FID_D

ClientSampleId :



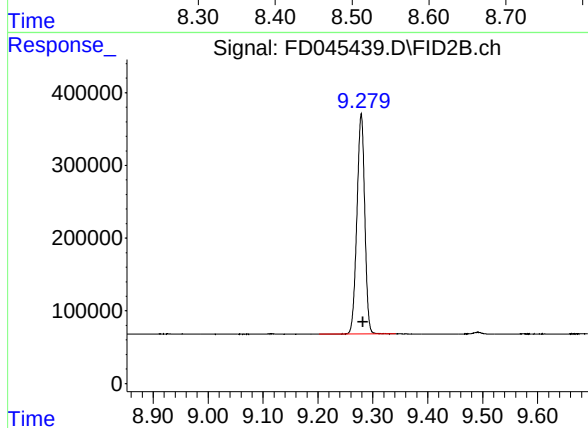
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: -0.003 min
Response: 1815613
Conc: 20.25 ug/ml



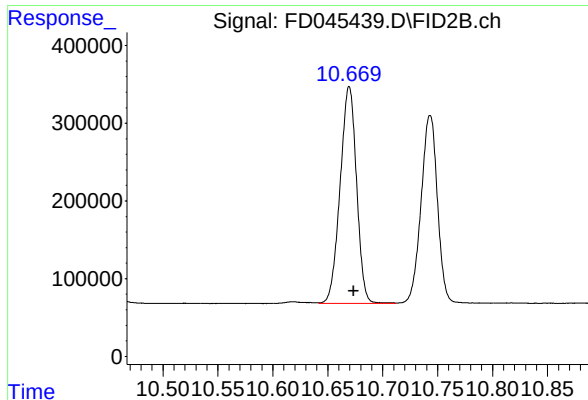
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: -0.003 min
Response: 3128017
Conc: 20.17 ug/ml



#8 Flouorene (C16.55)

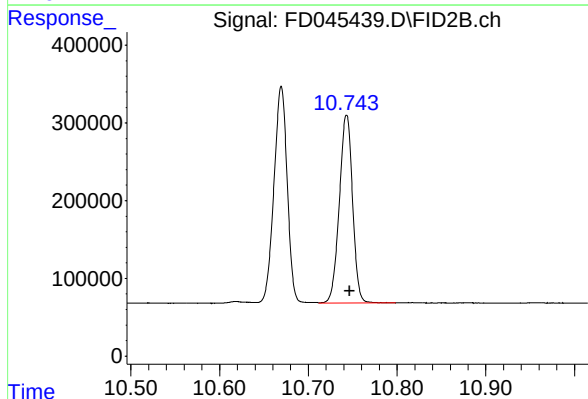
R.T.: 9.279 min
Delta R.T.: -0.003 min
Response: 3007162
Conc: 20.28 ug/ml



#9 Phenanthrene (C19.36)

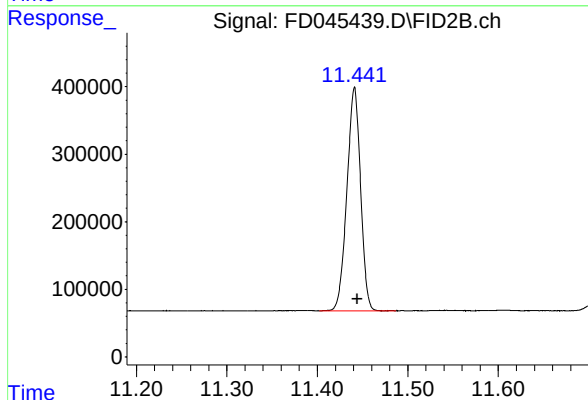
R.T.: 10.669 min
Delta R.T.: -0.004 min
Response: 2897832
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



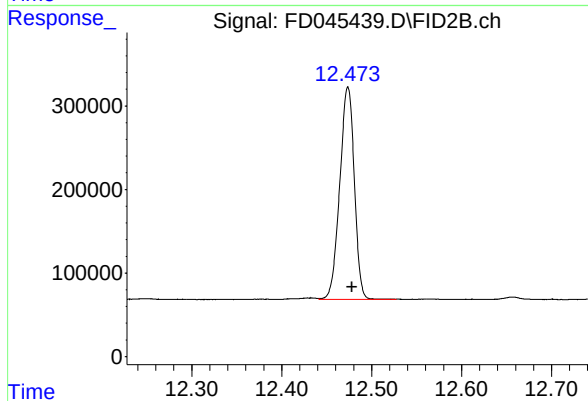
#10 Anthracene (C19.43)

R.T.: 10.743 min
Delta R.T.: -0.004 min
Response: 2506580
Conc: 18.13 ug/ml



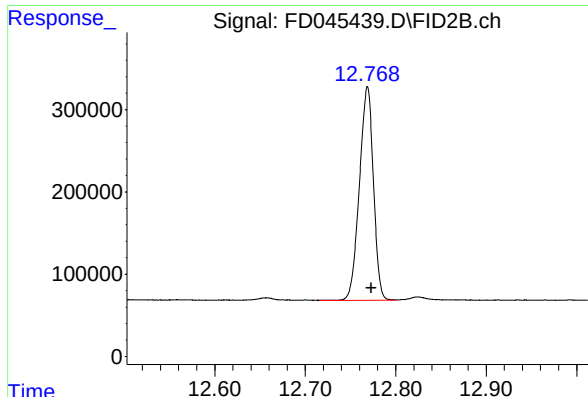
#11 ortho-Terphenyl (SURR)

R.T.: 11.441 min
Delta R.T.: -0.003 min
Response: 3469596
Conc: 19.94 ug/ml



#12 Fluoranthene (C21.85)

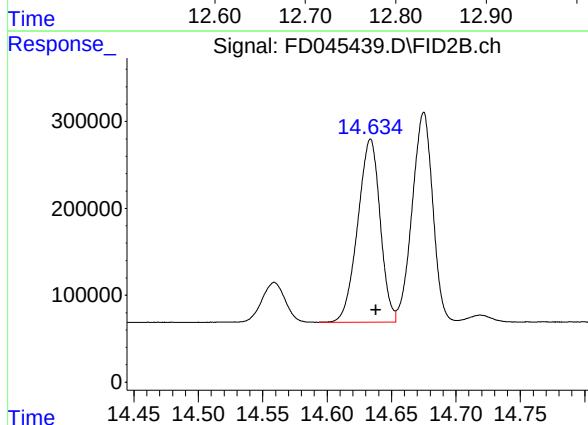
R.T.: 12.474 min
Delta R.T.: -0.005 min
Response: 2861925
Conc: 19.89 ug/ml



#13 Pyrene (C20.8)

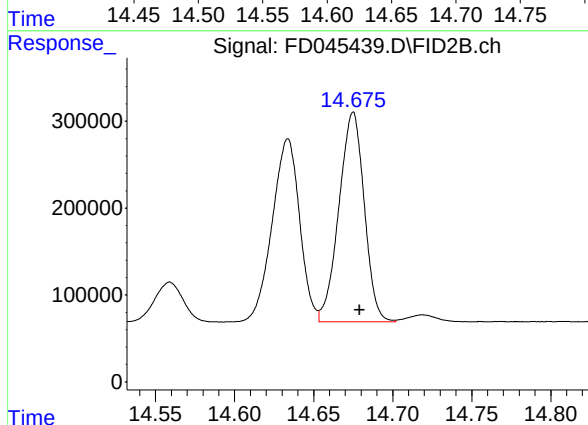
R.T.: 12.769 min
Delta R.T.: -0.004 min
Response: 2797468
Conc: 19.90 ug/ml

Instrument :
FID_D
ClientSampleId :



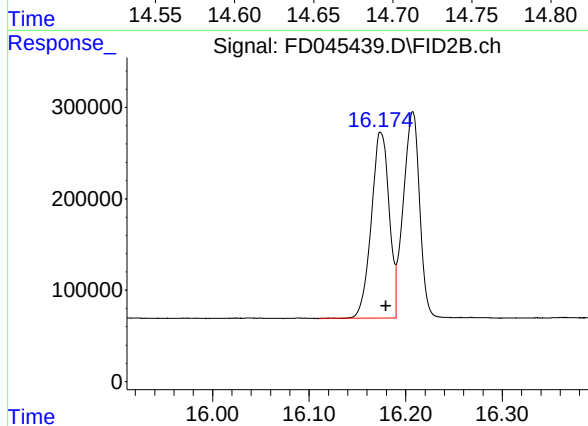
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.634 min
Delta R.T.: -0.004 min
Response: 2555939
Conc: 19.93 ug/ml



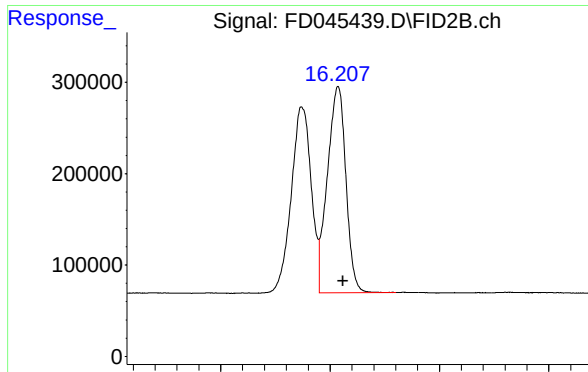
#15 Chrysene (C27.41)

R.T.: 14.675 min
Delta R.T.: -0.004 min
Response: 2694235
Conc: 20.32 ug/ml



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

R.T.: 16.175 min
Delta R.T.: -0.005 min
Response: 2591867
Conc: 19.95 ug/ml



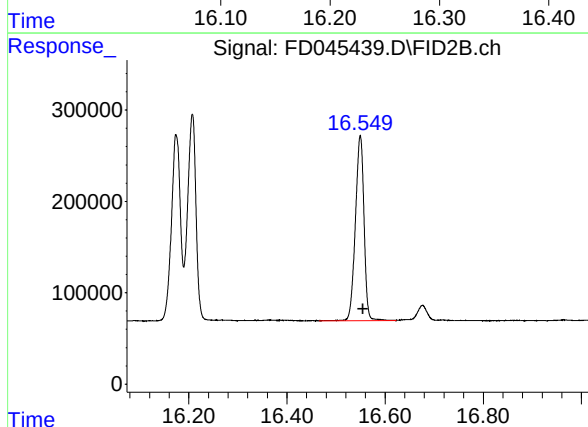
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.207 min
Delta R.T.: -0.005 min
Response: 2663824
Conc: 21.03 ug/ml

Instrument :

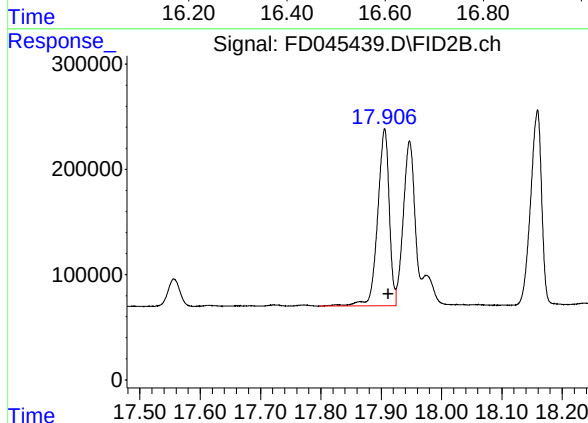
FID_D

ClientSampleId :



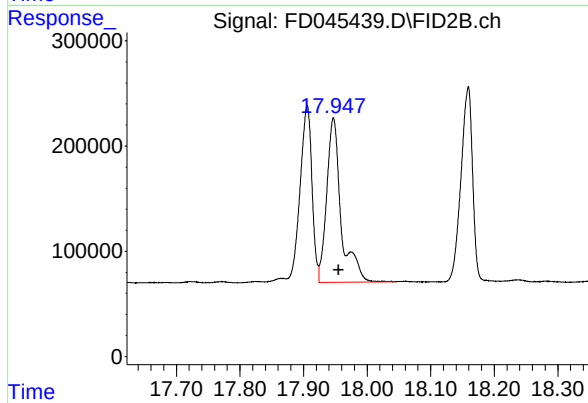
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.549 min
Delta R.T.: -0.006 min
Response: 2479897
Conc: 19.72 ug/ml



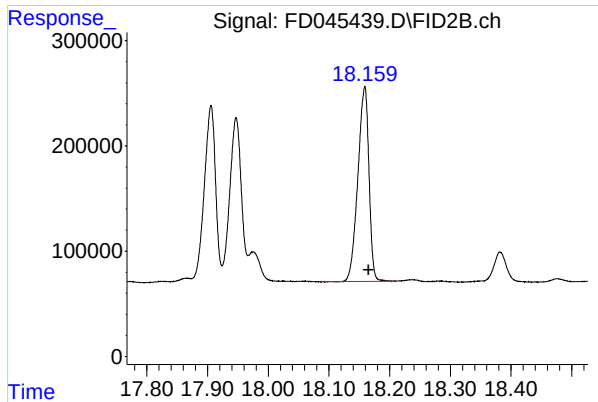
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.906 min
Delta R.T.: -0.006 min
Response: 2247719
Conc: 18.99 ug/ml



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

R.T.: 17.947 min
Delta R.T.: -0.008 min
Response: 2457359
Conc: 20.63 ug/ml



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

R.T.: 18.159 min

Delta R.T.: -0.007 min

Response: 2346369

Conc: 18.78 ug/ml

Instrument :

FID_D

ClientSampleId :