

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111124AR\
 Data File : FD048705.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2024 19:36
 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: Nov 11 20:47:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 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...	7.387	3055576	20.132 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
6) S 2-Fluorobiphenyl (SURR)	8.242	2032650	20.701 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.40%
11) S ortho-Terphenyl (SURR)	11.276	3433907	20.159 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.205	3464222	19.913 ug/ml
2) T Naphthalene (C11.7)	5.728	3564545	19.977 ug/ml
3) T 2-Methylnaphthalene (...)	6.776	3594181	20.094 ug/ml
5) T Acenaphthylene (C15.06)	8.045	3511132	19.996 ug/ml
7) T Acenaphthene (C15.5)	8.338	3540459	19.962 ug/ml
8) T Fluorene (C16.55)	9.118	3465412	20.501 ug/ml
9) T Phenanthrene (C19.36)	10.509	3389951	20.507 ug/ml
10) T Anthracene (C19.43)	10.583	2993214	18.718 ug/ml
12) T Fluoranthene (C21.85)	12.316	3467391	21.069 ug/ml
13) T Pyrene (C20.8)	12.610	3667814	22.771 ug/ml
14) T Benzo[a]anthracene (C...	14.484	3559940	24.347 ug/ml
15) T Chrysene (C27.41)	14.484	3559940	21.642 ug/ml
16) T benzo[b]fluoranthene ...	16.032	3309230	21.767 ug/ml
17) T Bnezo[k]fluoranthene ...	16.032	3309230	22.017 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.407	3298509	21.918 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.774	2745863	21.045 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	2745863	16.873 ug/ml
21) T Benzo[g,h,i]perylene ...	18.025	3200763	20.907 ug/ml

(f)=RT Delta > 1/2 Window

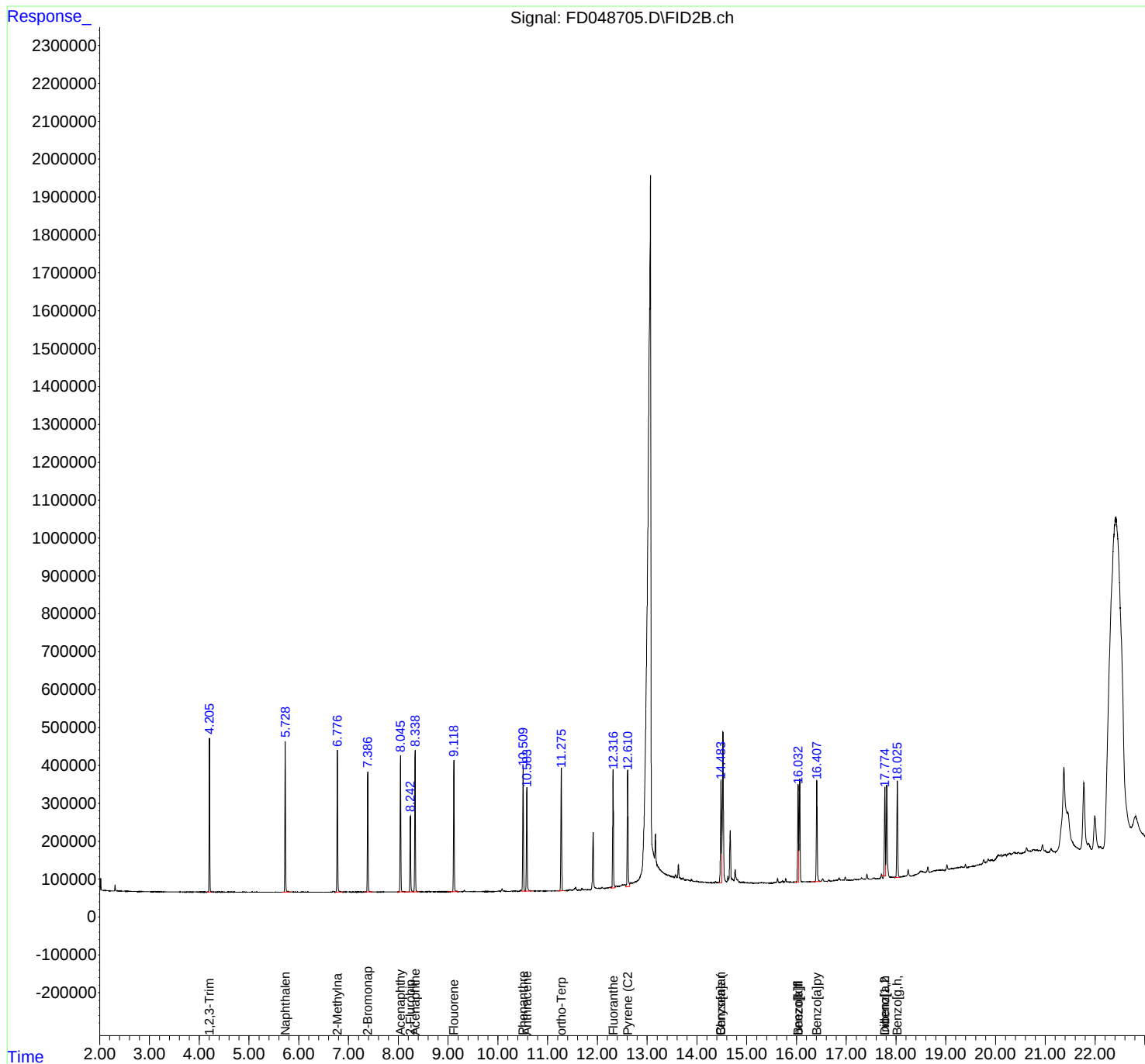
(m)=manual int.

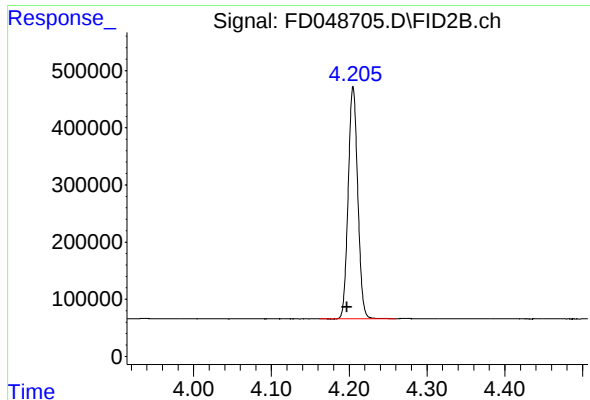
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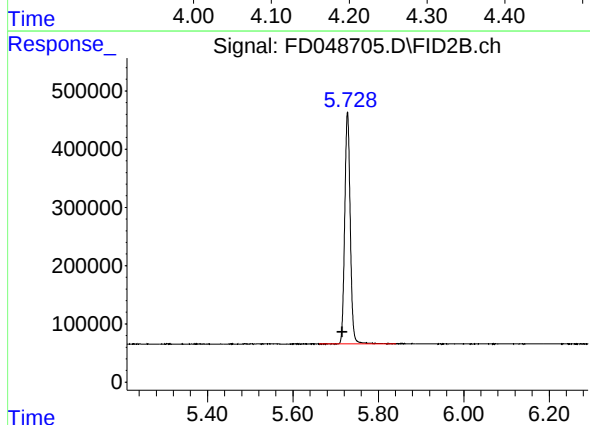




#1 1,2,3-Trimethylbenzene (C10.1)

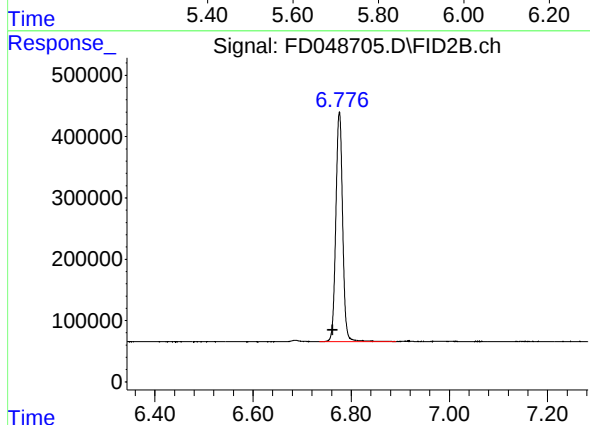
R.T.: 4.205 min
Delta R.T.: 0.008 min
Response: 3464222
Conc: 19.91 ug/ml

Instrument :
FID_D
ClientSampleId :



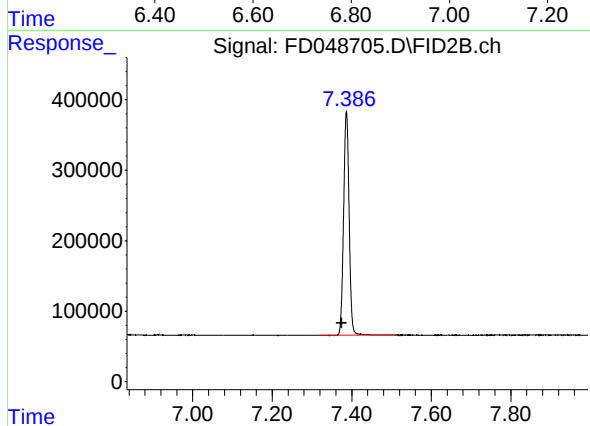
#2 Naphthalene (C11.7)

R.T.: 5.728 min
Delta R.T.: 0.012 min
Response: 3564545
Conc: 19.98 ug/ml



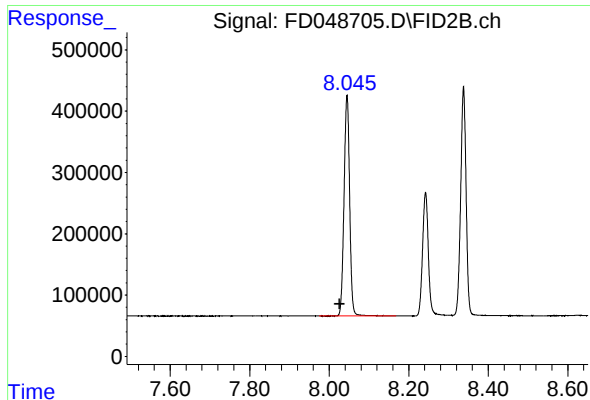
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.776 min
Delta R.T.: 0.014 min
Response: 3594181
Conc: 20.09 ug/ml



#4 2-Bromonaphthalene (SURR)

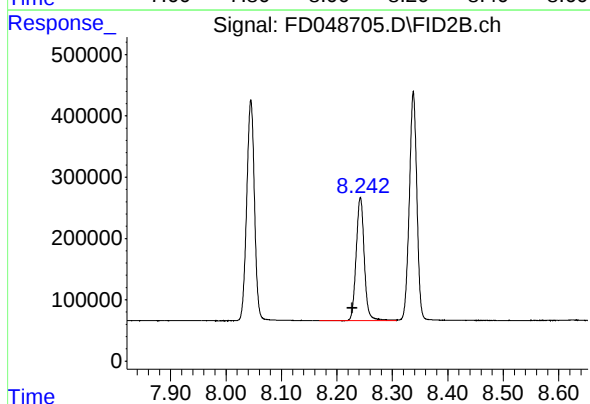
R.T.: 7.387 min
Delta R.T.: 0.012 min
Response: 3055576
Conc: 20.13 ug/ml



#5 Acenaphthylene (C15.06)

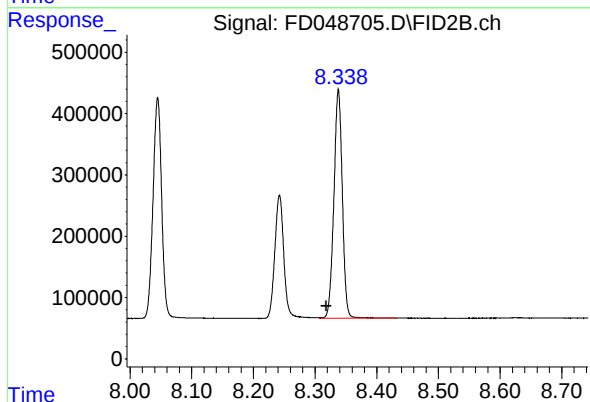
R.T.: 8.045 min
Delta R.T.: 0.018 min
Response: 3511132
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



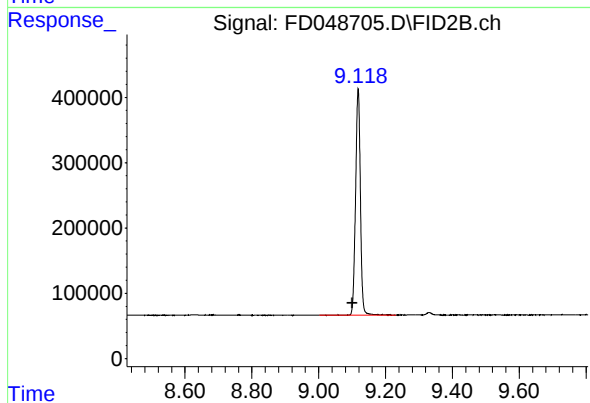
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.242 min
Delta R.T.: 0.014 min
Response: 2032650
Conc: 20.70 ug/ml



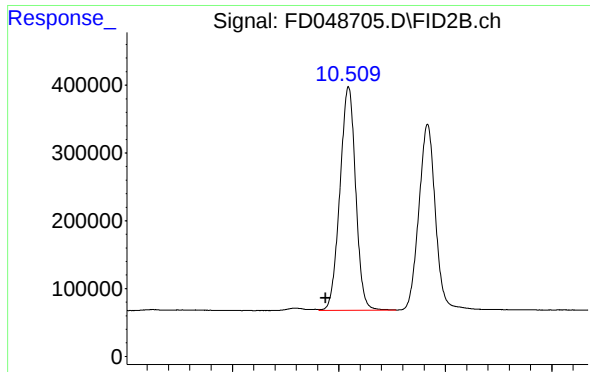
#7 Acenaphthene (C15.5)

R.T.: 8.338 min
Delta R.T.: 0.019 min
Response: 3540459
Conc: 19.96 ug/ml



#8 Flouorene (C16.55)

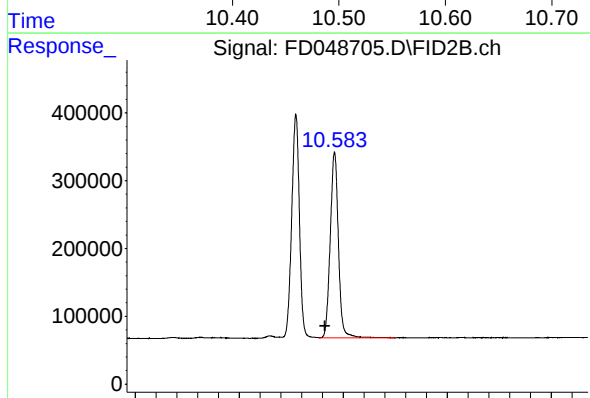
R.T.: 9.118 min
Delta R.T.: 0.018 min
Response: 3465412
Conc: 20.50 ug/ml



#9 Phenanthrene (C19.36)

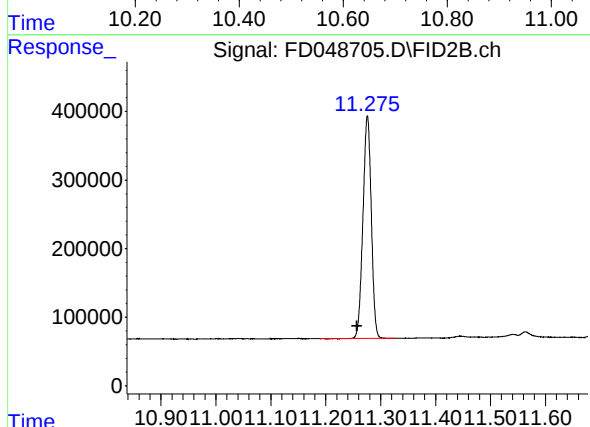
R.T.: 10.509 min
Delta R.T.: 0.022 min
Response: 3389951
Conc: 20.51 ug/ml

Instrument :
FID_D
ClientSampleId :



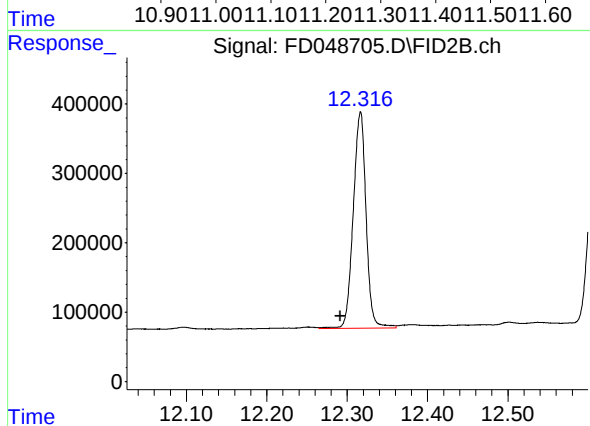
#10 Anthracene (C19.43)

R.T.: 10.583 min
Delta R.T.: 0.019 min
Response: 2993214
Conc: 18.72 ug/ml



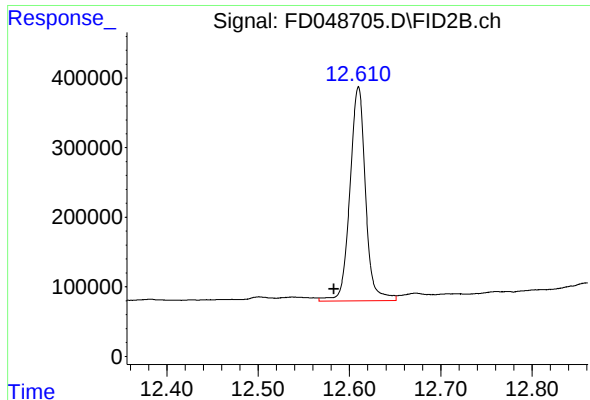
#11 ortho-Terphenyl (SURRE)

R.T.: 11.276 min
Delta R.T.: 0.019 min
Response: 3433907
Conc: 20.16 ug/ml



#12 Fluoranthene (C21.85)

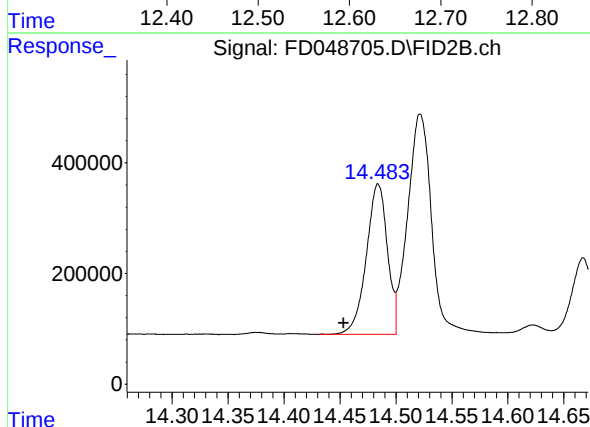
R.T.: 12.316 min
Delta R.T.: 0.025 min
Response: 3467391
Conc: 21.07 ug/ml



#13 Pyrene (C20.8)

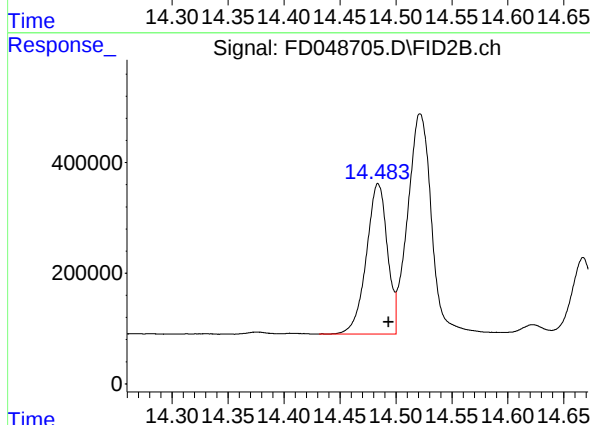
R.T.: 12.610 min
Delta R.T.: 0.026 min
Response: 3667814
Conc: 22.77 ug/ml

Instrument :
FID_D
ClientSampleId :



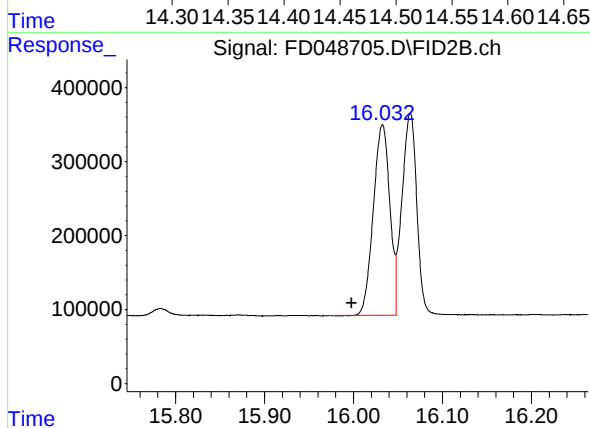
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.484 min
Delta R.T.: 0.031 min
Response: 3559940
Conc: 24.35 ug/ml



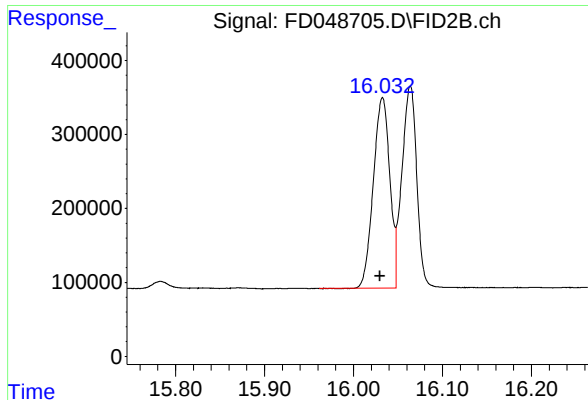
#15 Chrysene (C27.41)

R.T.: 14.484 min
Delta R.T.: -0.009 min
Response: 3559940
Conc: 21.64 ug/ml



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

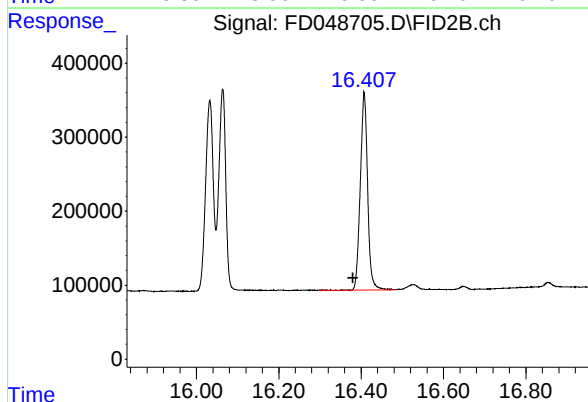
R.T.: 16.032 min
Delta R.T.: 0.035 min
Response: 3309230
Conc: 21.77 ug/ml



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

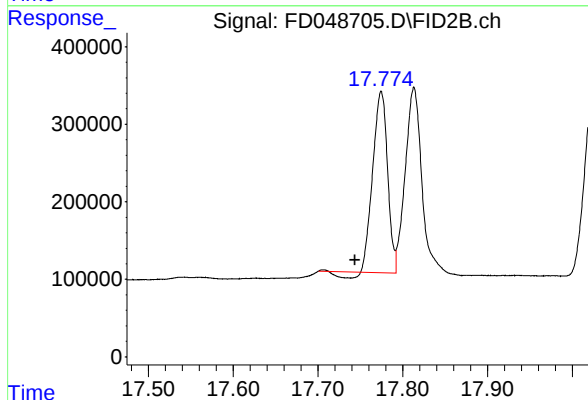
R.T.: 16.032 min
Delta R.T.: 0.003 min
Response: 3309230
Conc: 22.02 ug/ml

Instrument :
FID_D
ClientSampleId :



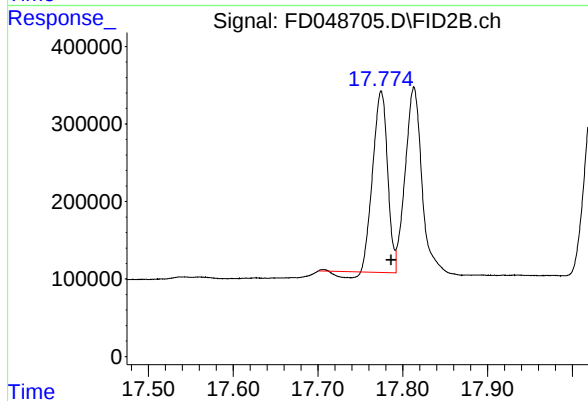
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.407 min
Delta R.T.: 0.027 min
Response: 3298509
Conc: 21.92 ug/ml



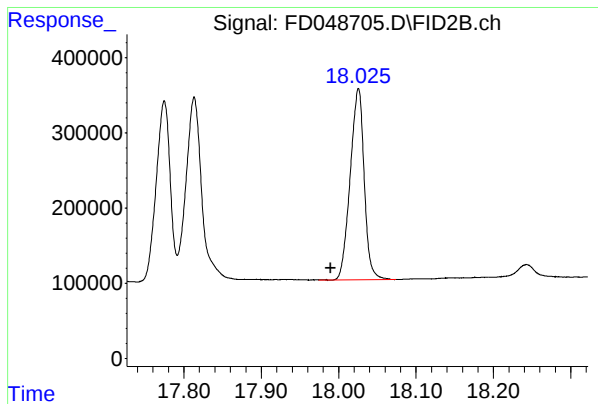
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.774 min
Delta R.T.: 0.031 min
Response: 2745863
Conc: 21.04 ug/ml



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

R.T.: 17.774 min
Delta R.T.: -0.012 min
Response: 2745863
Conc: 16.87 ug/ml



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

R.T.: 18.025 min

Delta R.T.: 0.035 min

Response: 3200763

Conc: 20.91 ug/ml

Instrument :

FID_D

ClientSampleId :