

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073024AR\
 Data File : FD048072.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jul 2024 17:54
 Operator : YP/AJ
 Sample : PB162355BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB162355BSD

Integration File: autoint1.e
 Quant Time: Jul 31 04:53:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.407	7547681	50.783 ug/ml
Spiked Amount 50.000		Recovery =	101.57%
6) S 2-Fluorobiphenyl (SURR)	8.258	4860397	51.357 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.71%
11) S ortho-Terphenyl (SURR)	11.297	8389184	50.139 ug/ml
Spiked Amount 50.000		Recovery =	100.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.226	5031548	30.048 ug/ml
2) T Naphthalene (C11.7)	5.747	6054299	35.034 ug/ml
3) T 2-Methylnaphthalene (...)	6.795	6641926	38.288 ug/ml
5) T Acenaphthylene (C15.06)	8.062	7038753	41.073 ug/ml
7) T Acenaphthene (C15.5)	8.357	7073235	40.773 ug/ml
8) T Fluorene (C16.55)	9.135	7166156	44.121 ug/ml
9) T Phenanthrene (C19.36)	10.523	7232240	45.539 ug/ml
10) T Anthracene (C19.43)	10.600	7314540	46.324 ug/ml
12) T Fluoranthene (C21.85)	12.330	7406388	46.778 ug/ml
13) T Pyrene (C20.8)	12.623	7415857	46.898 ug/ml
14) T Benzo[a]anthracene (C...	14.493	6781643	49.672 ug/ml
15) T Chrysene (C27.41)	14.536	6869240	42.612 ug/ml
16) T benzo[b]fluoranthene ...	16.040	6622690	46.011 ug/ml
17) T Bnezo[k]fluoranthene ...	16.074	6664297	44.620 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.415	6329963	44.692 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.781	6374348	56.517 ug/ml
20) T Dibenz[a,h]anthracene...	17.819	6180938	42.529 ug/ml
21) T Benzo[g,h,i]perylene ...	18.033	6034312	40.947 ug/ml

(f)=RT Delta > 1/2 Window

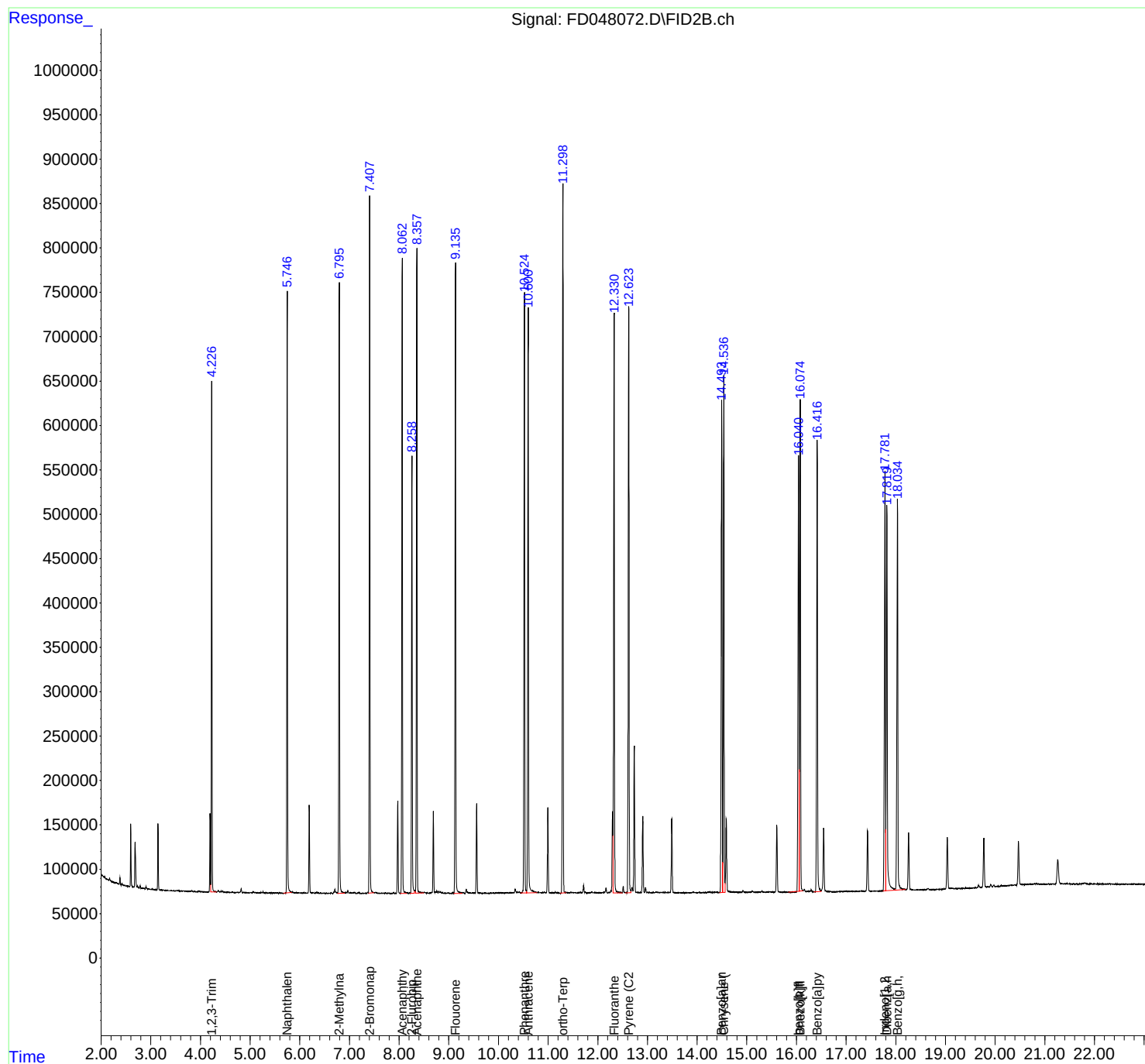
(m)=manual int.

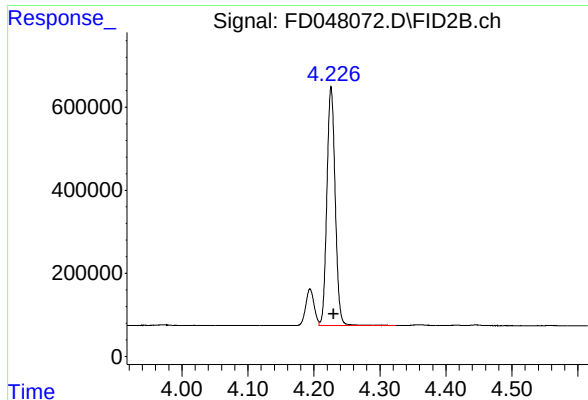
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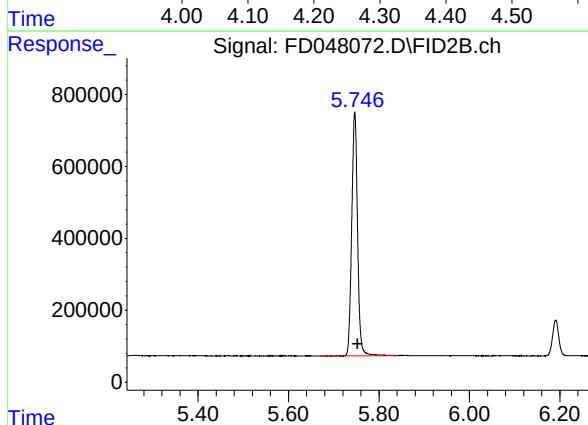




#1 1,2,3-Trimethylbenzene (C10.1)

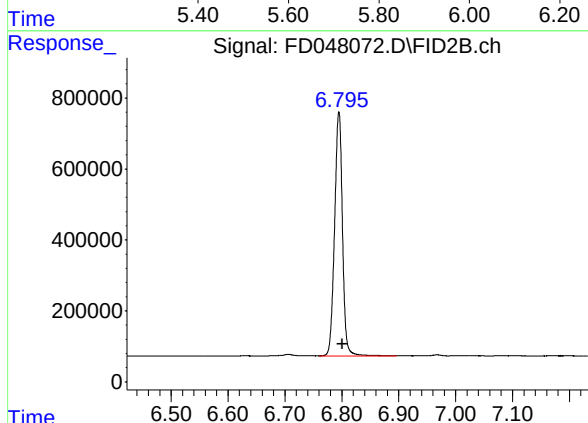
R.T.: 4.226 min
Delta R.T.: -0.004 min
Response: 5031548
Conc: 30.05 ug/ml

Instrument :
FID_D
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PB162355BSD



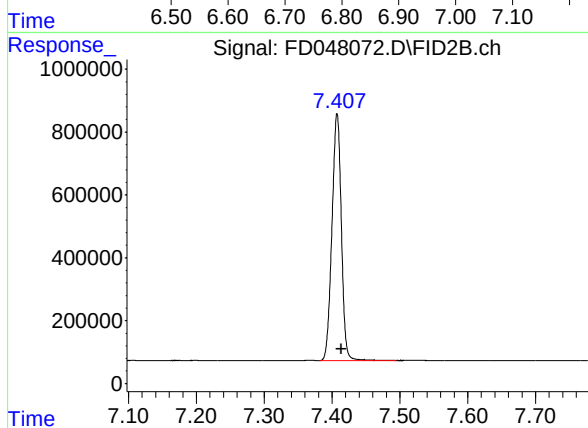
#2 Naphthalene (C11.7)

R.T.: 5.747 min
Delta R.T.: -0.007 min
Response: 6054299
Conc: 35.03 ug/ml



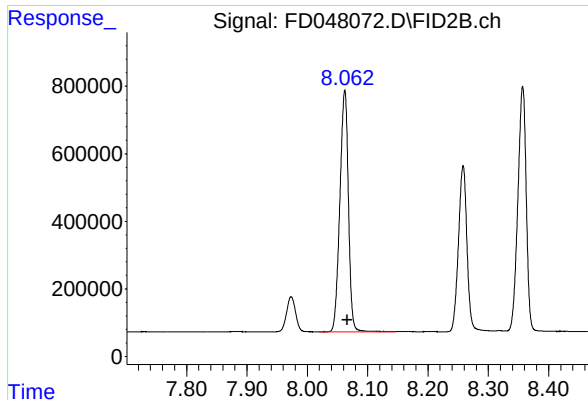
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.795 min
Delta R.T.: -0.006 min
Response: 6641926
Conc: 38.29 ug/ml



#4 2-Bromonaphthalene (SURR)

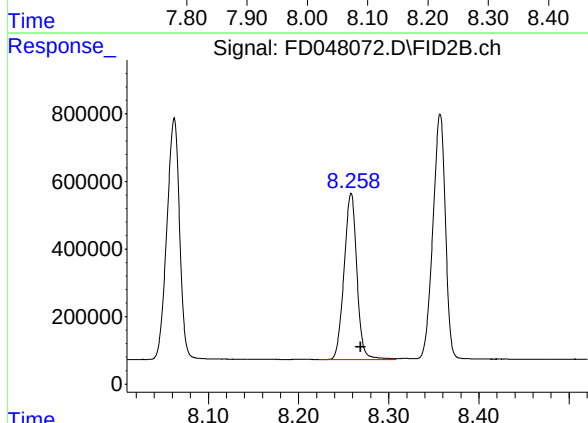
R.T.: 7.407 min
Delta R.T.: -0.006 min
Response: 7547681
Conc: 50.78 ug/ml



#5 Acenaphthylene (C15.06)

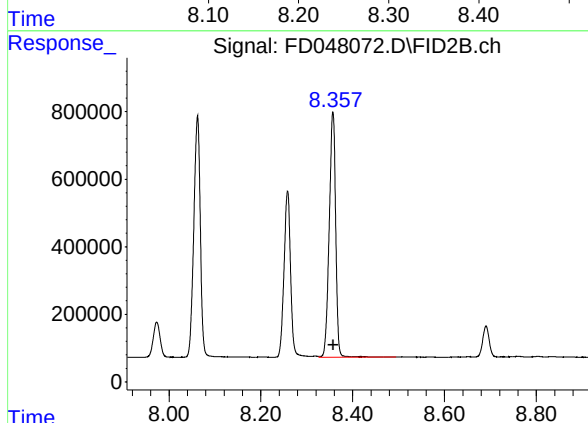
R.T.: 8.062 min
Delta R.T.: -0.005 min
Response: 7038753
Conc: 41.07 ug/ml

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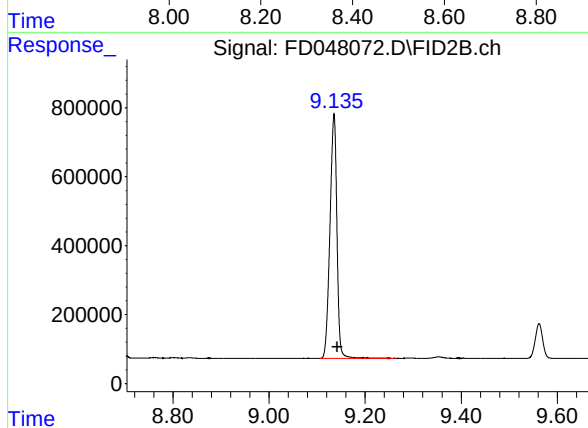
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.258 min
Delta R.T.: -0.011 min
Response: 4860397
Conc: 51.36 ug/ml



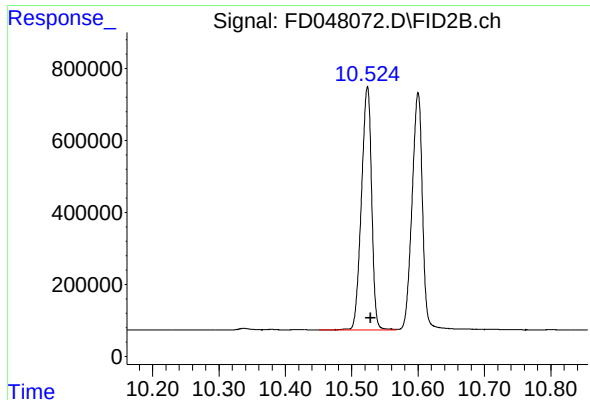
#7 Acenaphthene (C15.5)

R.T.: 8.357 min
Delta R.T.: -0.002 min
Response: 7073235
Conc: 40.77 ug/ml



#8 Flouorene (C16.55)

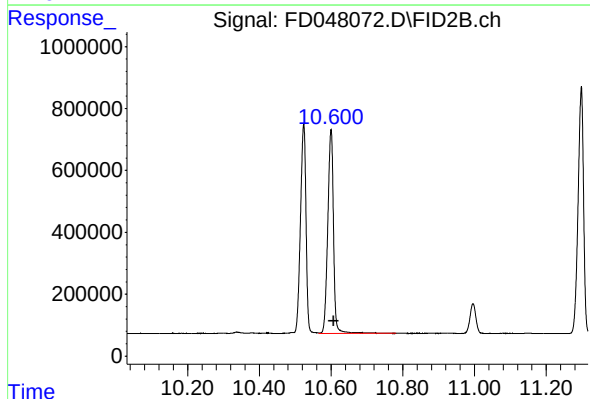
R.T.: 9.135 min
Delta R.T.: -0.007 min
Response: 7166156
Conc: 44.12 ug/ml



#9 Phenanthrene (C19.36)

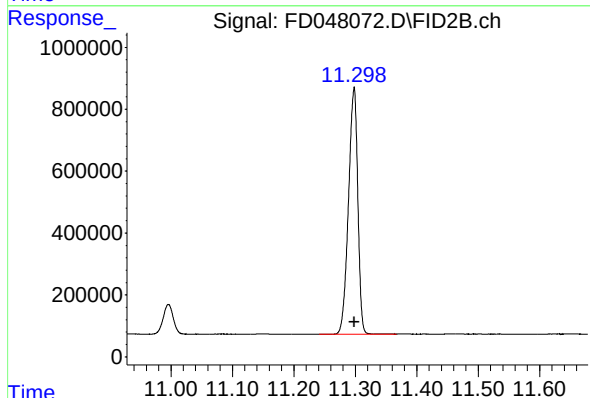
R.T.: 10.523 min
Delta R.T.: -0.005 min
Response: 7232240
Conc: 45.54 ug/ml

Instrument :
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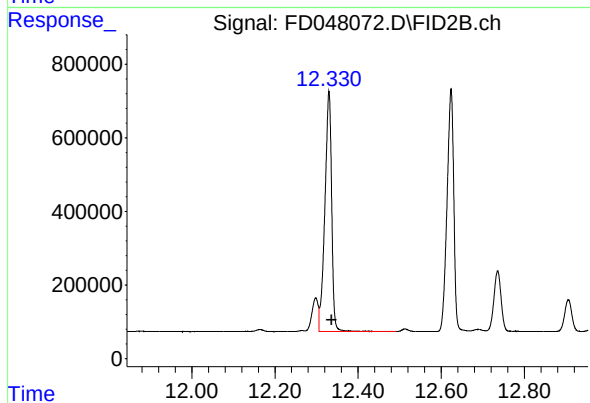
#10 Anthracene (C19.43)

R.T.: 10.600 min
Delta R.T.: -0.008 min
Response: 7314540
Conc: 46.32 ug/ml



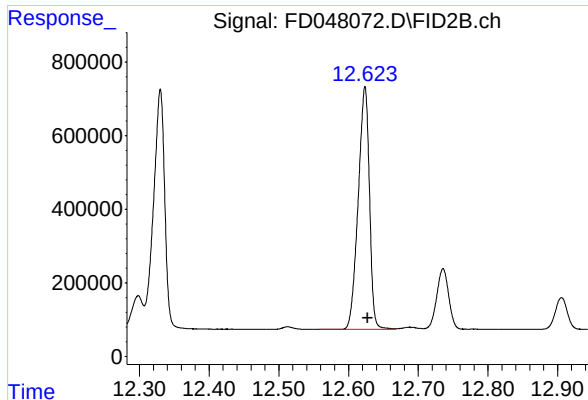
#11 ortho-Terphenyl (SURR)

R.T.: 11.297 min
Delta R.T.: 0.000 min
Response: 8389184
Conc: 50.14 ug/ml



#12 Fluoranthene (C21.85)

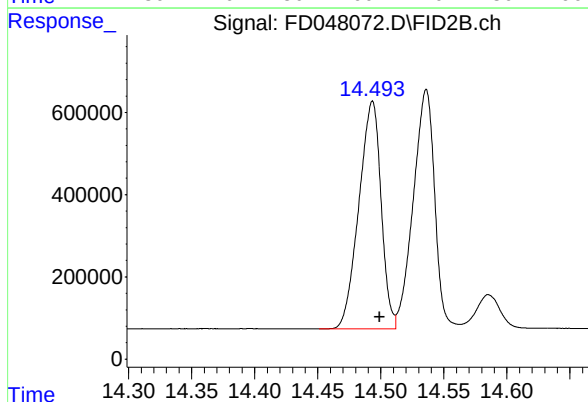
R.T.: 12.330 min
Delta R.T.: -0.006 min
Response: 7406388
Conc: 46.78 ug/ml



#13 Pyrene (C20.8)

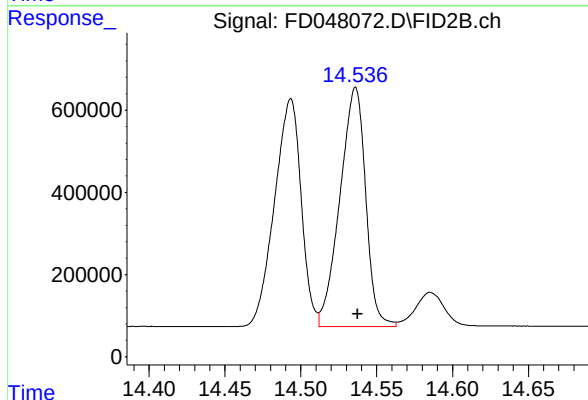
R.T.: 12.623 min
Delta R.T.: -0.004 min
Response: 7415857
Conc: 46.90 ug/ml

Instrument :
FID_D
ClientSampleId :
PB162355BSD



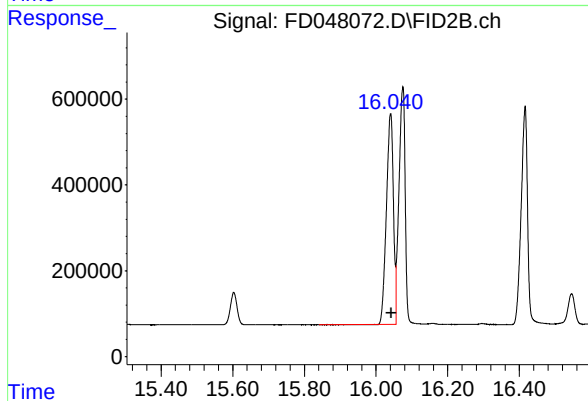
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.493 min
Delta R.T.: -0.006 min
Response: 6781643
Conc: 49.67 ug/ml



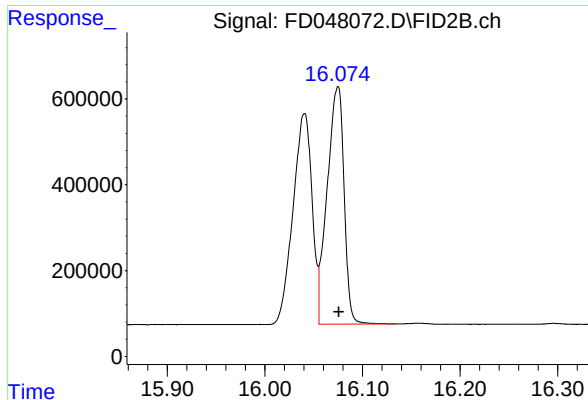
#15 Chrysene (C27.41)

R.T.: 14.536 min
Delta R.T.: -0.002 min
Response: 6869240
Conc: 42.61 ug/ml



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

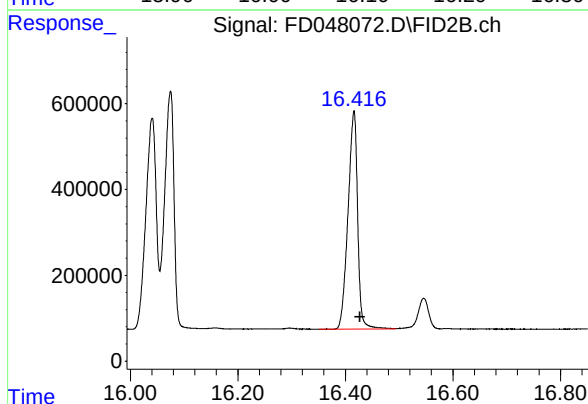
R.T.: 16.040 min
Delta R.T.: -0.002 min
Response: 6622690
Conc: 46.01 ug/ml



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

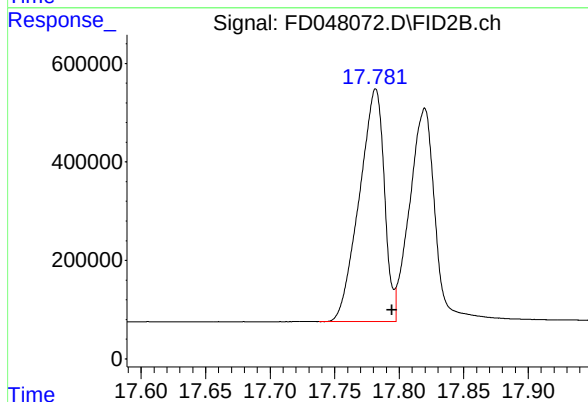
R.T.: 16.074 min
Delta R.T.: -0.002 min
Response: 6664297
Conc: 44.62 ug/ml

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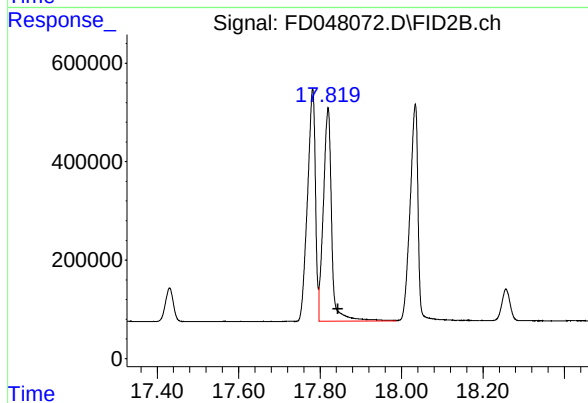
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.415 min
Delta R.T.: -0.012 min
Response: 6329963
Conc: 44.69 ug/ml



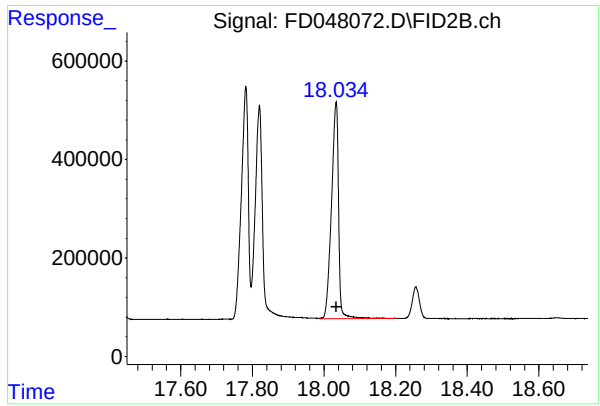
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.781 min
Delta R.T.: -0.013 min
Response: 6374348
Conc: 56.52 ug/ml



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

R.T.: 17.819 min
Delta R.T.: -0.025 min
Response: 6180938
Conc: 42.53 ug/ml



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

R.T.: 18.033 min

Delta R.T.: -0.002 min

Response: 6034312

Conc: 40.95 ug/ml

Instrument :

FID_D

ClientSampleId :

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