

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091324AR\
 Data File : FD048308.D
 Signal(s) : FID2B.ch
 Acq On : 13 Sep 2024 15:20
 Operator : YP/AJ
 Sample : P3905-01MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-3AMS

Integration File: autoint1.e
 Quant Time: Sep 14 01:18:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.390	7220222	47.607 ug/ml
Spiked Amount 50.000		Recovery =	95.21%
6) S 2-Fluorobiphenyl (SURR)	8.240	3924311	41.071 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.14%
11) S ortho-Terphenyl (SURR)	11.275	4779731	27.859 ug/ml
Spiked Amount 50.000		Recovery =	55.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.210	4548529	25.784 ug/ml
2) T Naphthalene (C11.7)	5.729	5320275	29.420 ug/ml
3) T 2-Methylnaphthalene (...)	6.776	5120032	28.618 ug/ml
5) T Acenaphthylene (C15.06)	8.042	5747546	32.897 ug/ml
7) T Acenaphthene (C15.5)	8.337	6164137	34.659 ug/ml
8) T Flouorene (C16.55)	9.116	6320089	37.743 ug/ml
9) T Phenanthrene (C19.36)	10.503	6320883	39.151 ug/ml
10) T Anthracene (C19.43)	10.579	6212890	39.043 ug/ml
12) T Fluoranthene (C21.85)	12.307	7208036	44.463 ug/ml
13) T Pyrene (C20.8)	12.602	6947015	43.327 ug/ml
14) T Benzo[a]anthracene (C...	14.469	5836871	41.669 ug/ml
15) T Chrysene (C27.41)	14.511	5973392	36.265 ug/ml
16) T benzo[b]fluoranthene ...	16.015	5995339	40.352 ug/ml
17) T Bnezo[k]fluoranthene ...	16.048	5980753	38.832 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.390	5679588	38.388 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.754	5094943	45.091 ug/ml
20) T Dibenz[a,h]anthracene...	17.791	5503015	36.059 ug/ml
21) T Benzo[g,h,i]perylene ...	18.005	5267086	35.733 ug/ml

(f)=RT Delta > 1/2 Window

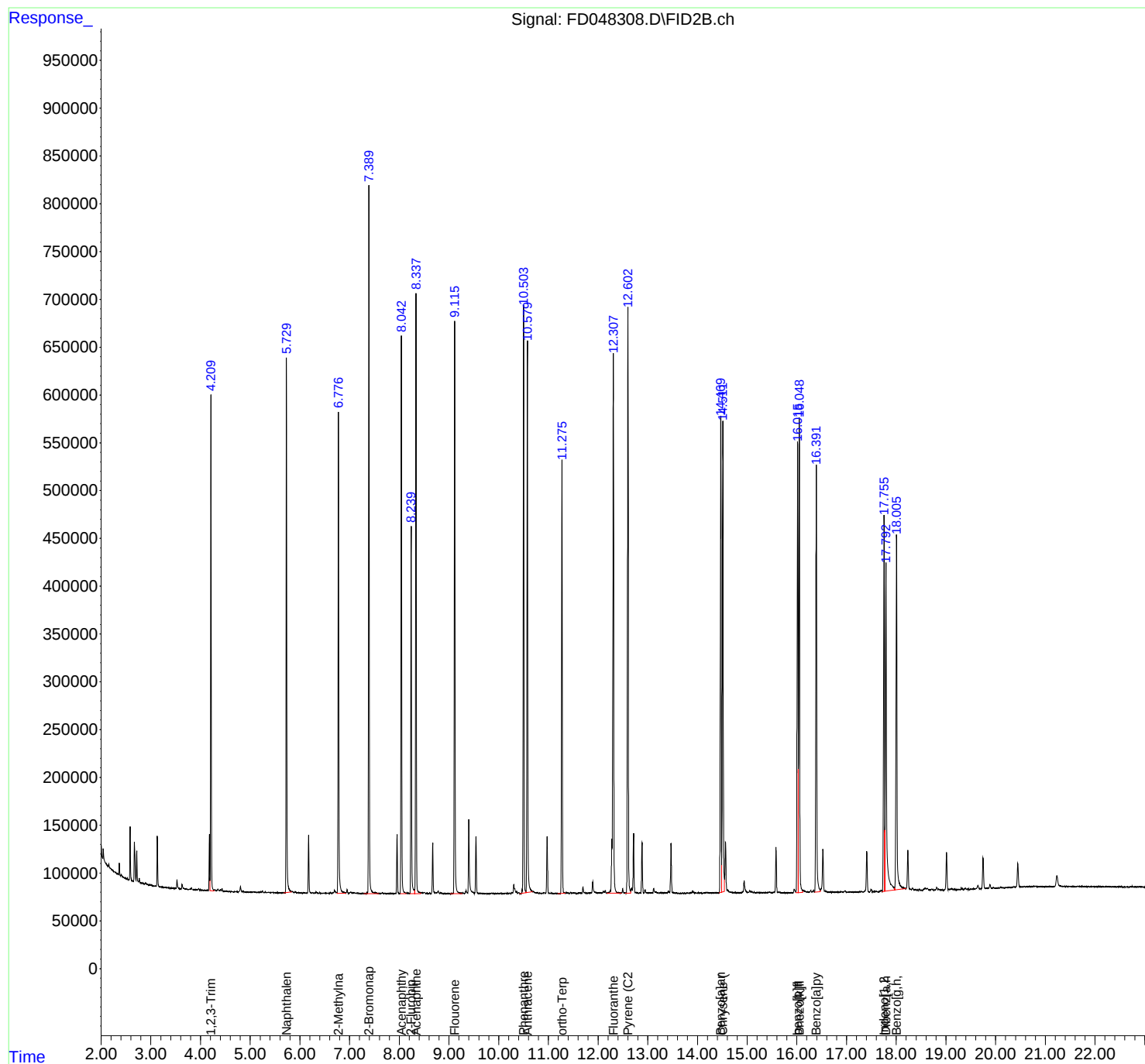
(m)=manual int.

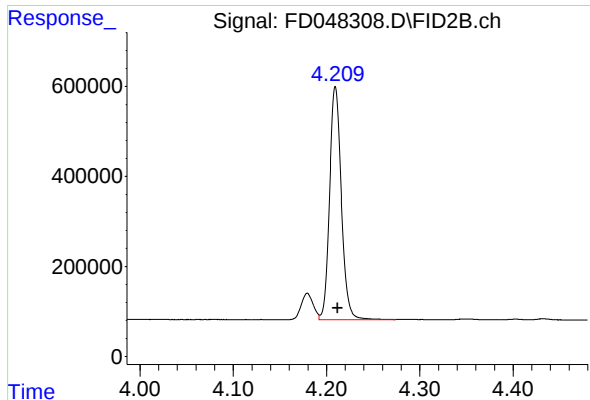
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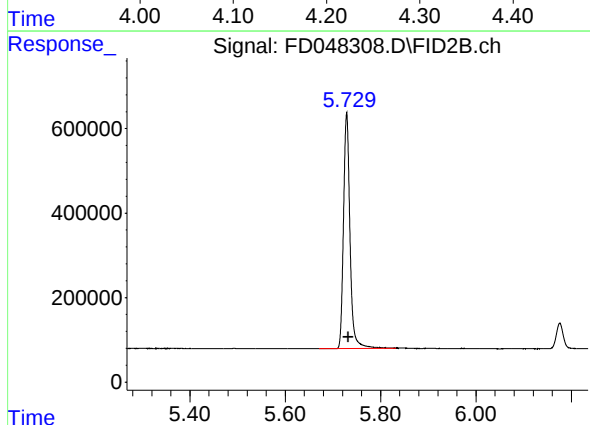




#1 1,2,3-Trimethylbenzene (C10.1)

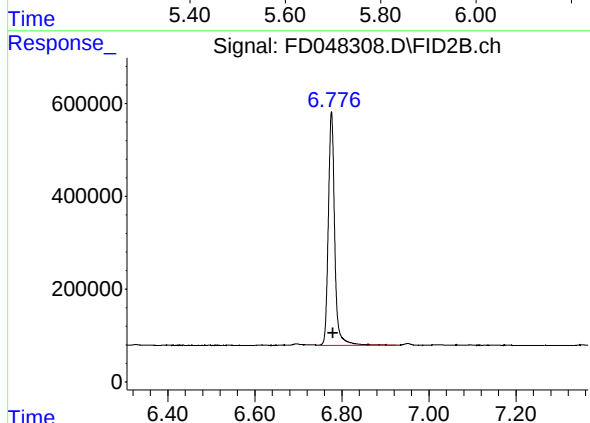
R.T.: 4.210 min
Delta R.T.: -0.002 min
Response: 4548529
Conc: 25.78 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-3AMS



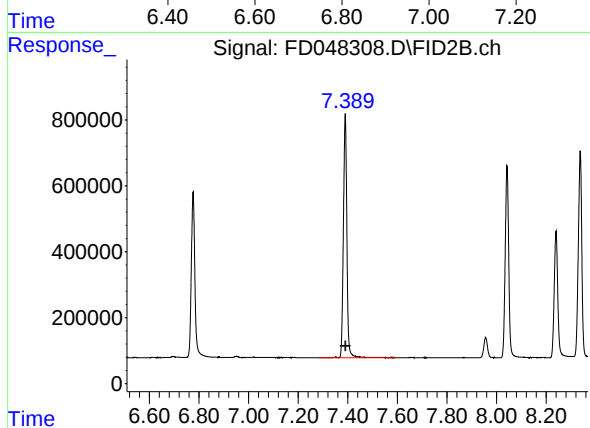
#2 Naphthalene (C11.7)

R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 5320275
Conc: 29.42 ug/ml



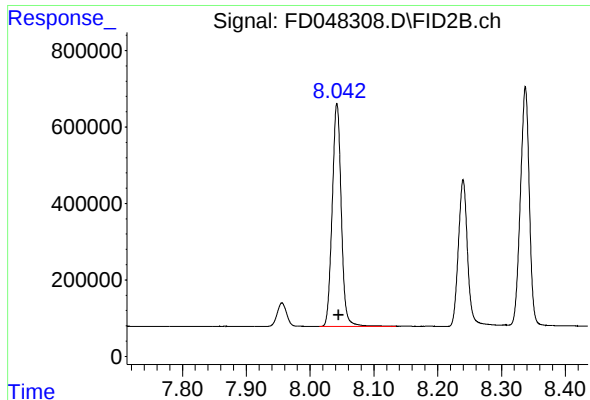
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.776 min
Delta R.T.: -0.003 min
Response: 5120032
Conc: 28.62 ug/ml



#4 2-Bromonaphthalene (SURR)

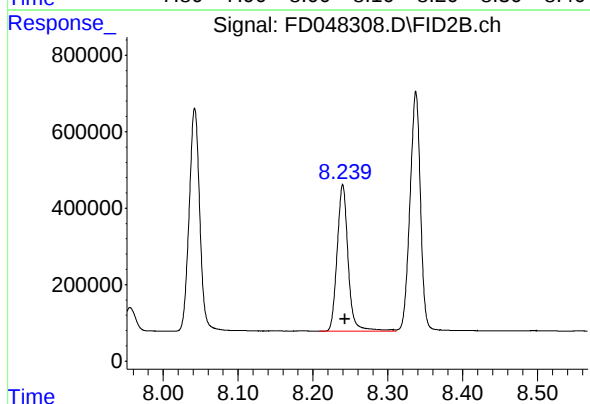
R.T.: 7.390 min
Delta R.T.: -0.002 min
Response: 7220222
Conc: 47.61 ug/ml



#5 Acenaphthylene (C15.06)

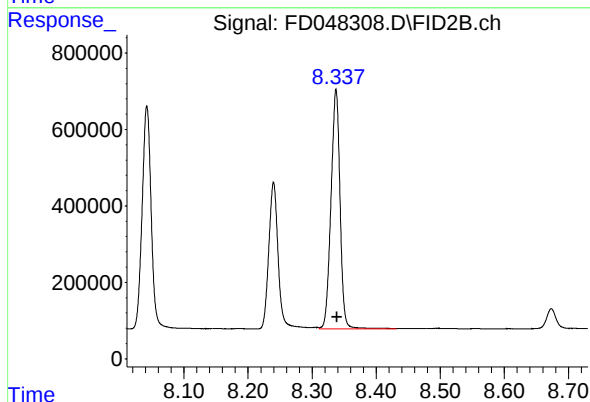
R.T.: 8.042 min
Delta R.T.: -0.002 min
Response: 5747546
Conc: 32.90 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-3AMS



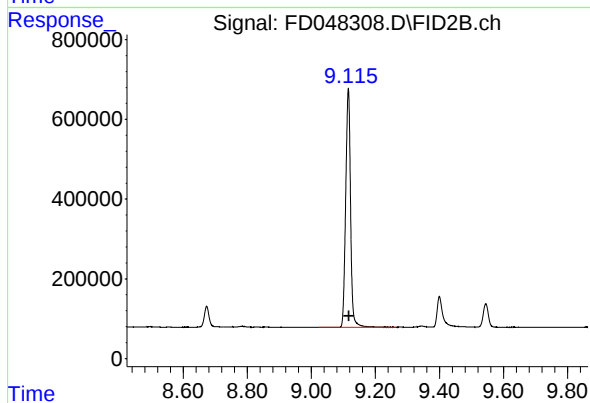
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.240 min
Delta R.T.: -0.003 min
Response: 3924311
Conc: 41.07 ug/ml



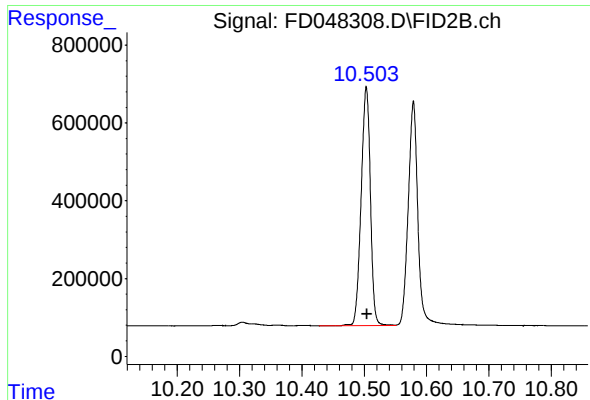
#7 Acenaphthene (C15.5)

R.T.: 8.337 min
Delta R.T.: -0.002 min
Response: 6164137
Conc: 34.66 ug/ml



#8 Flouorene (C16.55)

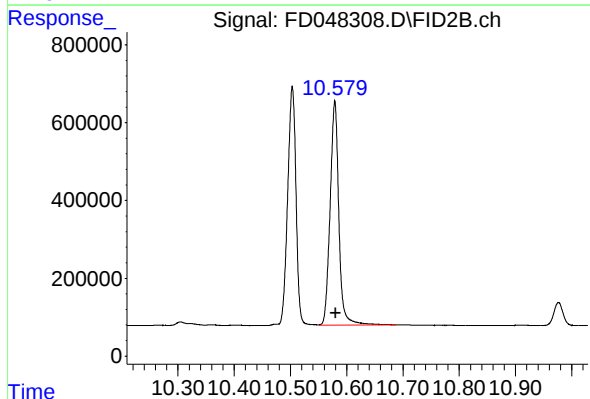
R.T.: 9.116 min
Delta R.T.: -0.002 min
Response: 6320089
Conc: 37.74 ug/ml



#9 Phenanthrene (C19.36)

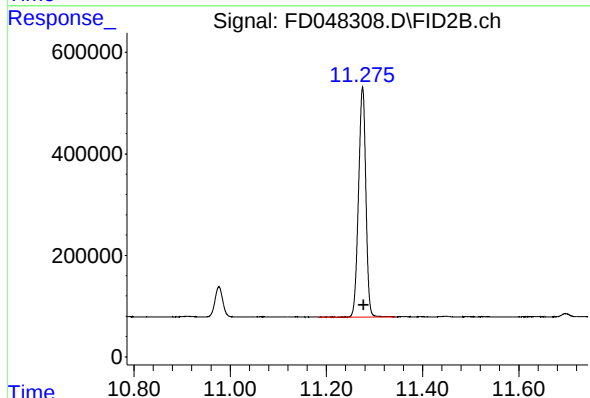
R.T.: 10.503 min
Delta R.T.: -0.001 min
Response: 6320883
Conc: 39.15 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-3AMS



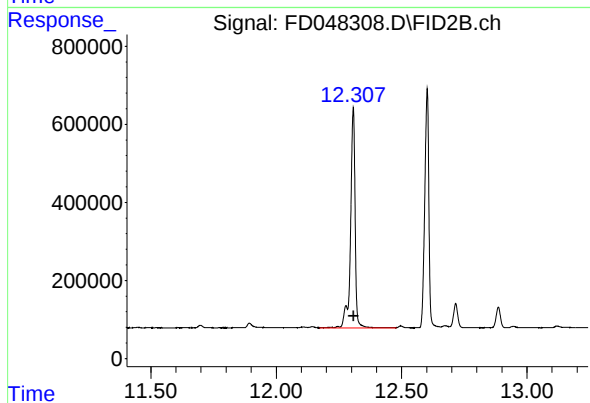
#10 Anthracene (C19.43)

R.T.: 10.579 min
Delta R.T.: -0.002 min
Response: 6212890
Conc: 39.04 ug/ml



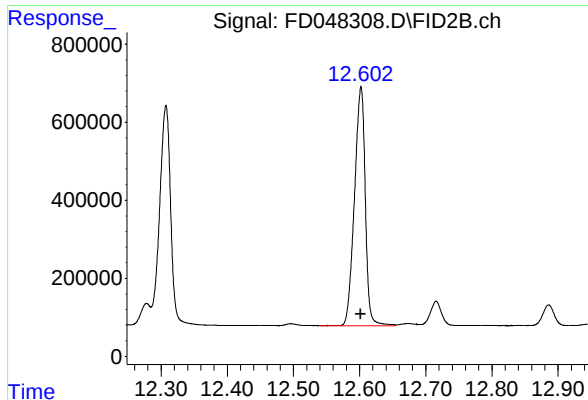
#11 ortho-Terphenyl (SURR)

R.T.: 11.275 min
Delta R.T.: -0.002 min
Response: 4779731
Conc: 27.86 ug/ml



#12 Fluoranthene (C21.85)

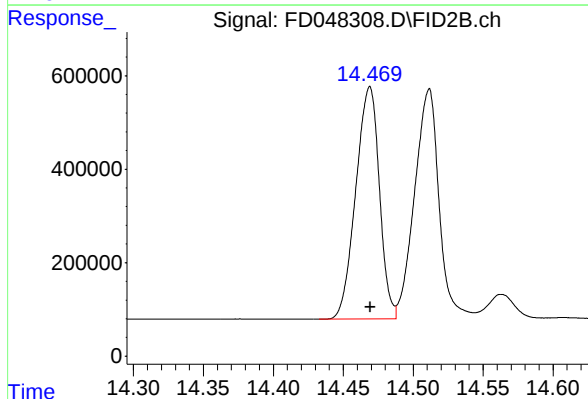
R.T.: 12.307 min
Delta R.T.: -0.002 min
Response: 7208036
Conc: 44.46 ug/ml



#13 Pyrene (C20.8)

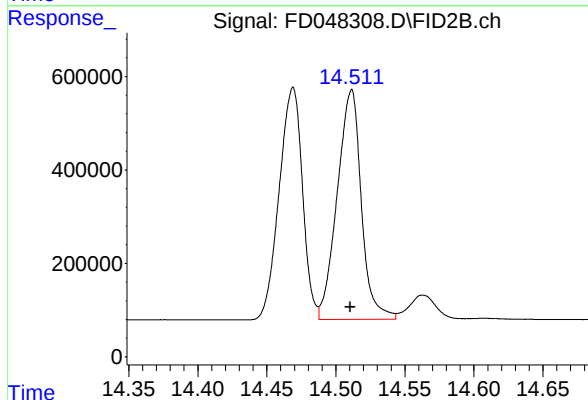
R.T.: 12.602 min
Delta R.T.: 0.000 min
Response: 6947015
Conc: 43.33 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-3AMS



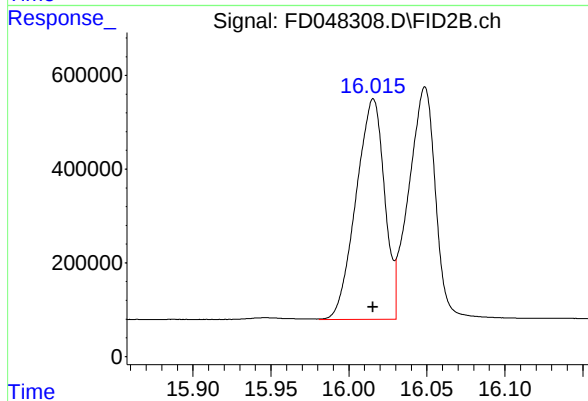
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.469 min
Delta R.T.: 0.000 min
Response: 5836871
Conc: 41.67 ug/ml



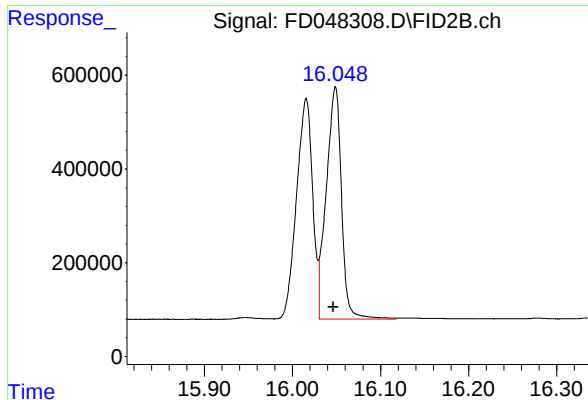
#15 Chrysene (C27.41)

R.T.: 14.511 min
Delta R.T.: 0.000 min
Response: 5973392
Conc: 36.26 ug/ml



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

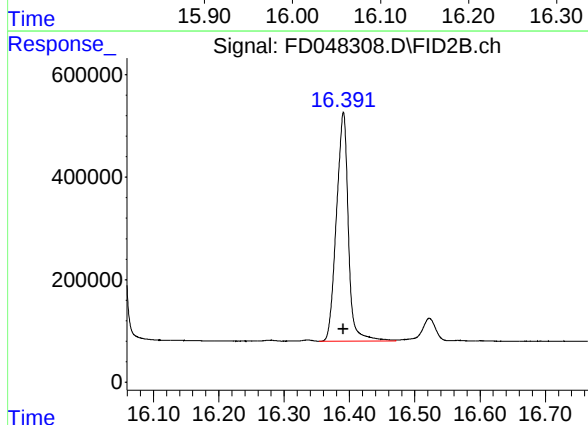
R.T.: 16.015 min
Delta R.T.: 0.000 min
Response: 5995339
Conc: 40.35 ug/ml



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

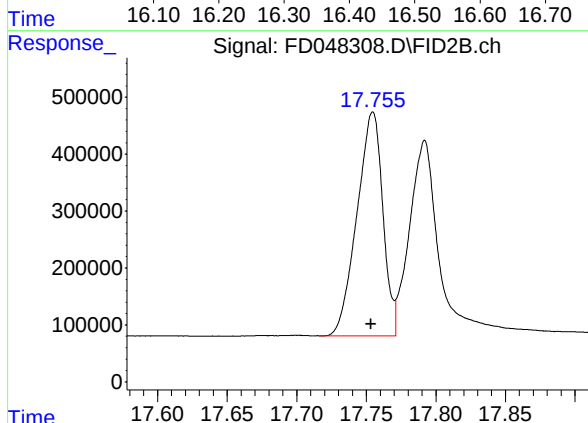
R.T.: 16.048 min
Delta R.T.: 0.002 min
Response: 5980753
Conc: 38.83 ug/ml

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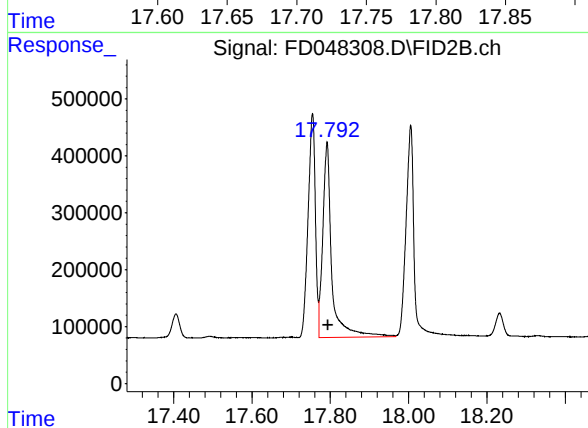
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.390 min
Delta R.T.: 0.000 min
Response: 5679588
Conc: 38.39 ug/ml



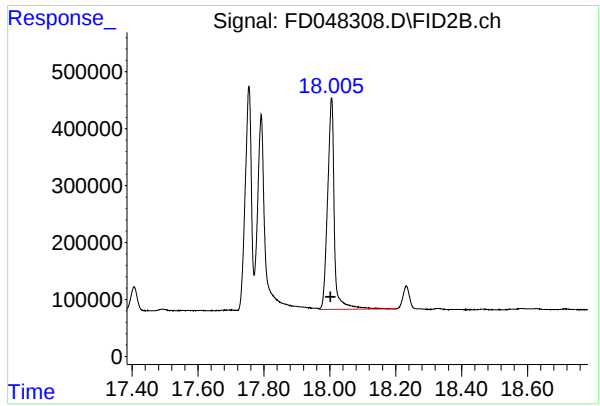
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.754 min
Delta R.T.: 0.000 min
Response: 5094943
Conc: 45.09 ug/ml



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

R.T.: 17.791 min
Delta R.T.: -0.003 min
Response: 5503015
Conc: 36.06 ug/ml



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

R.T.: 18.005 min
Delta R.T.: 0.002 min
Response: 5267086
Conc: 35.73 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-3AMS