

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102722AR\
 Data File : FD044280.D
 Signal(s) : FID2B.ch
 Acq On : 27 Oct 2022 11:54
 Operator : YP/AJ
 Sample : PB148561BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB148561BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2022
 Supervised By :Ankita Jodhani 10/28/2022

Integration File: autoint1.e
 Quant Time: Oct 28 07:14:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 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...	7.410	5766354	46.444 ug/mlm
Spiked Amount 50.000		Recovery =	92.89%
6) S 2-Fluorobiphenyl (SURR)	8.267	3745749	49.745 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.49%
11) S ortho-Terphenyl (SURR)	11.296	5860829	34.626 ug/ml
Spiked Amount 50.000		Recovery =	69.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.222	4424951	31.349 ug/mlm
2) T Naphthalene (C11.7)	5.752	4855243	35.415 ug/ml
3) T 2-Methylnaphthalene (...)	6.798	4850950	34.219 ug/ml
5) T Acenaphthylene (C15.06)	8.067	4959524	35.353 ug/mlm
7) T Acenaphthene (C15.5)	8.359	5679427	36.523 ug/ml
8) T Flouorene (C16.55)	9.140	5238437	37.236 ug/ml
9) T Phenanthrene (C19.36)	10.532	5477181	40.671 ug/ml
10) T Anthracene (C19.43)	10.608	5560952	41.385 ug/ml
12) T Fluoranthene (C21.85)	12.337	5451079	40.817 ug/ml
13) T Pyrene (C20.8)	12.632	5097416	40.356 ug/ml
14) T Benzo[a]anthracene (C...	14.502	4821667	45.394 ug/ml
15) T Chrysene (C27.41)	14.544	5582706	42.587 ug/ml
16) T benzo[b]fluoranthene ...	16.050	4905462	43.710 ug/ml
17) T Bnezo[k]fluoranthene ...	16.080	5148085	40.463 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.427	4146350	35.683 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.793	4546923	42.651 ug/mlm
20) T Dibenz[a,h]anthracene...	17.826	4820700	38.966 ug/ml
21) T Benzo[g,h,i]perylene ...	18.045	4886077	41.620 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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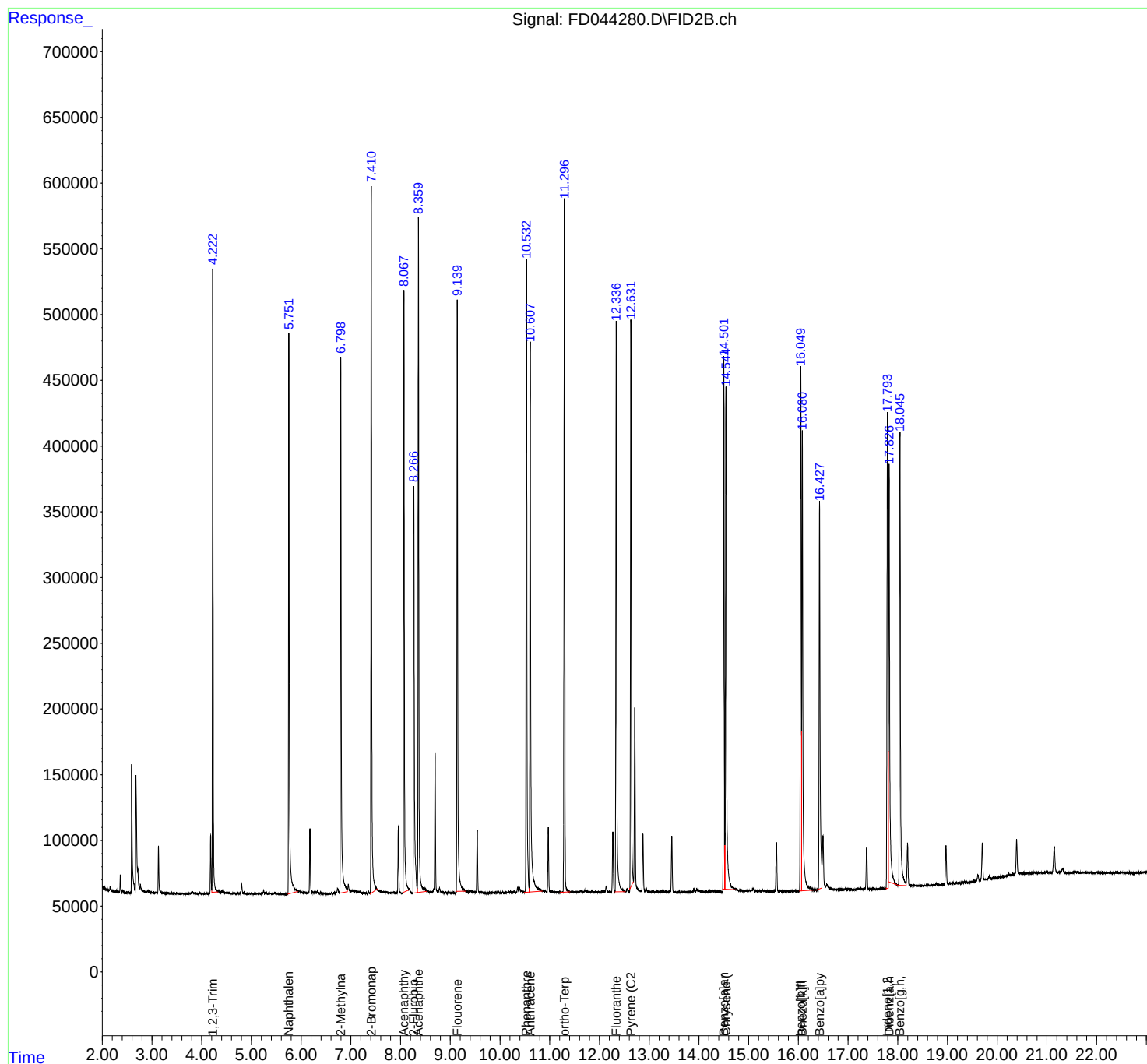
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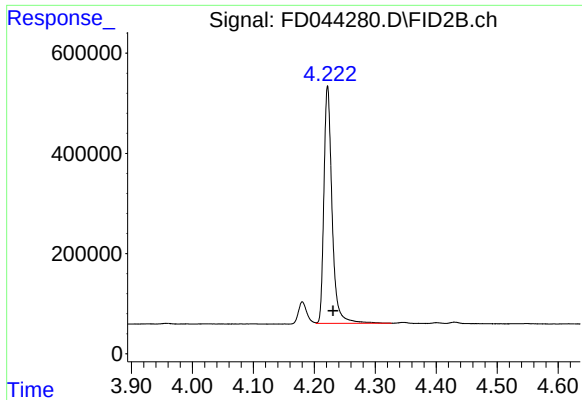
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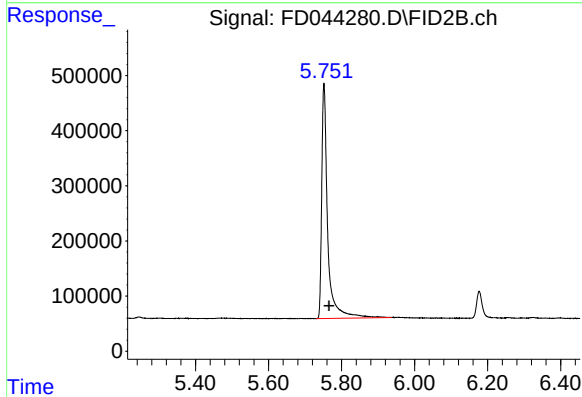
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.222 min
Delta R.T.: -0.009 min
Response: 4424951
Conc: 31.35 ug/ml

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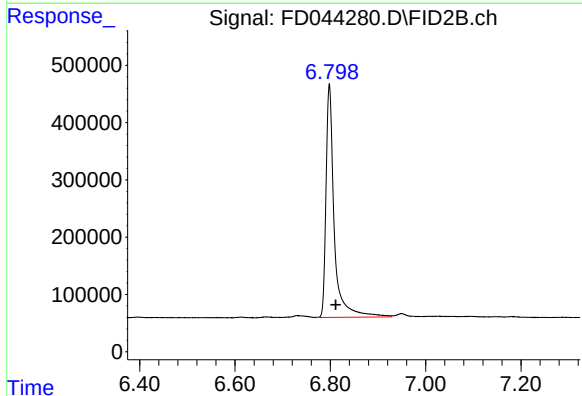
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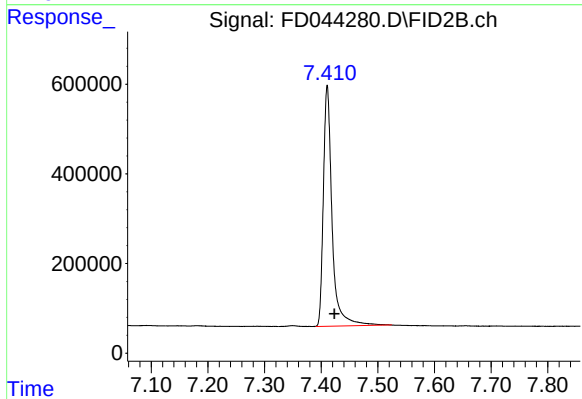
#2 Naphthalene (C11.7)

R.T.: 5.752 min
Delta R.T.: -0.014 min
Response: 4855243
Conc: 35.42 ug/ml



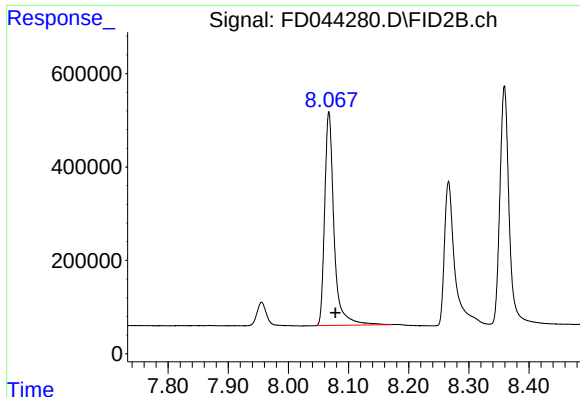
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.798 min
Delta R.T.: -0.013 min
Response: 4850950
Conc: 34.22 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.410 min
Delta R.T.: -0.013 min
Response: 5766354
Conc: 46.44 ug/ml m



#5 Acenaphthylene (C15.06)

R.T.: 8.067 min
Delta R.T.: -0.011 min
Response: 4959524
Conc: 35.35 ug/ml

Instrument :

FID_D

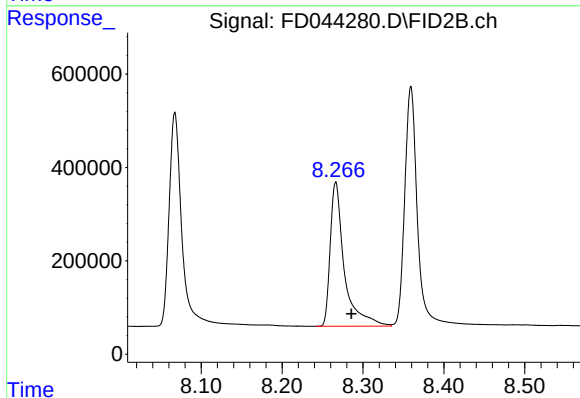
ClientSampleId :

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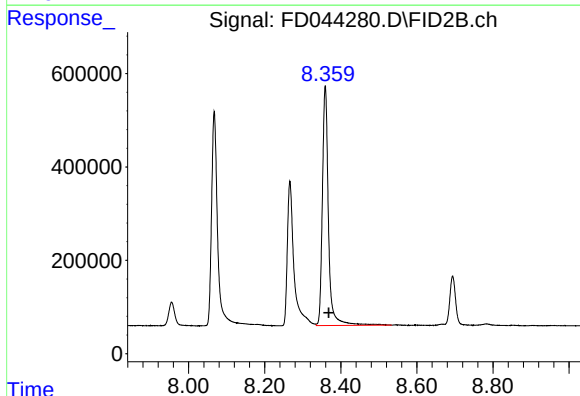
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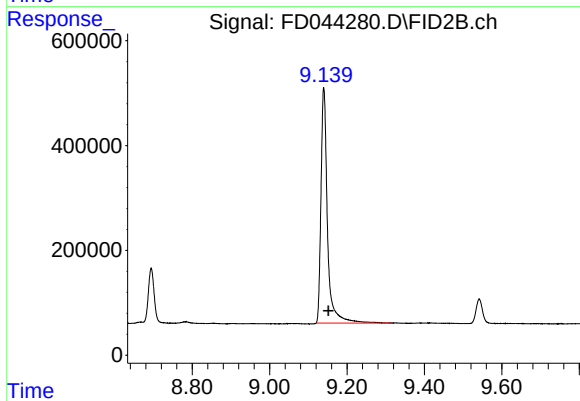
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.267 min
Delta R.T.: -0.019 min
Response: 3745749
Conc: 49.75 ug/ml



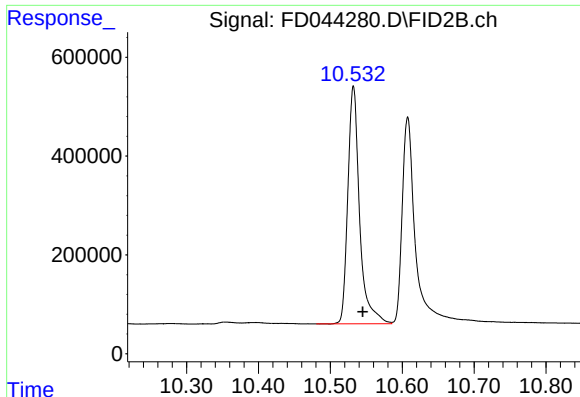
#7 Acenaphthene (C15.5)

R.T.: 8.359 min
Delta R.T.: -0.009 min
Response: 5679427
Conc: 36.52 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.140 min
Delta R.T.: -0.012 min
Response: 5238437
Conc: 37.24 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.532 min
Delta R.T.: -0.013 min
Response: 5477181
Conc: 40.67 ug/ml

Instrument :

FID_D

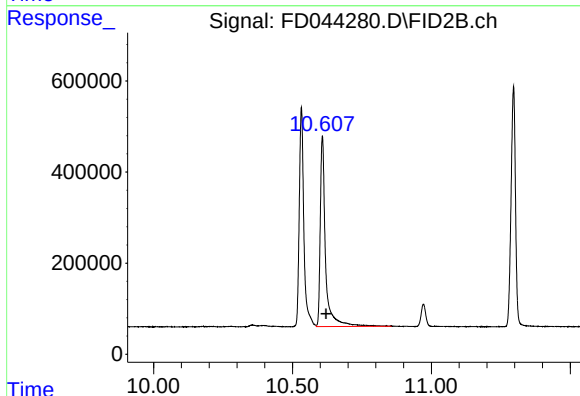
ClientSampleId :

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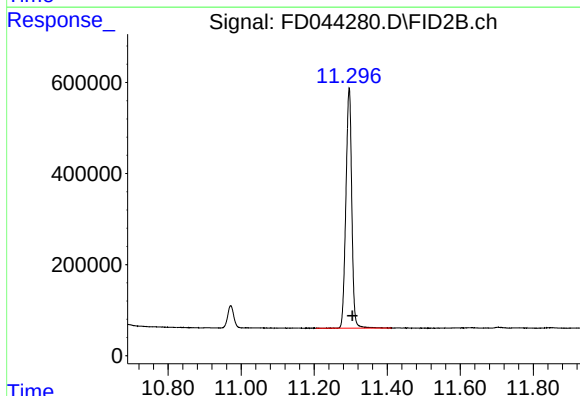
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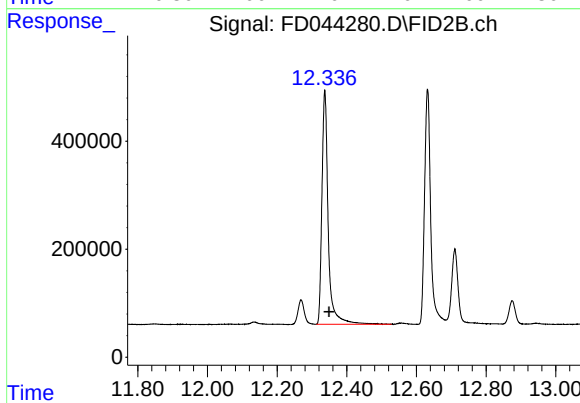
#10 Anthracene (C19.43)

R.T.: 10.608 min
Delta R.T.: -0.014 min
Response: 5560952
Conc: 41.39 ug/ml



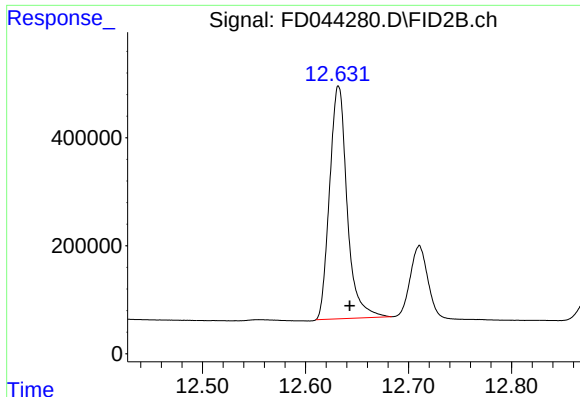
#11 ortho-Terphenyl (SURR)

R.T.: 11.296 min
Delta R.T.: -0.009 min
Response: 5860829
Conc: 34.63 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.337 min
Delta R.T.: -0.012 min
Response: 5451079
Conc: 40.82 ug/ml



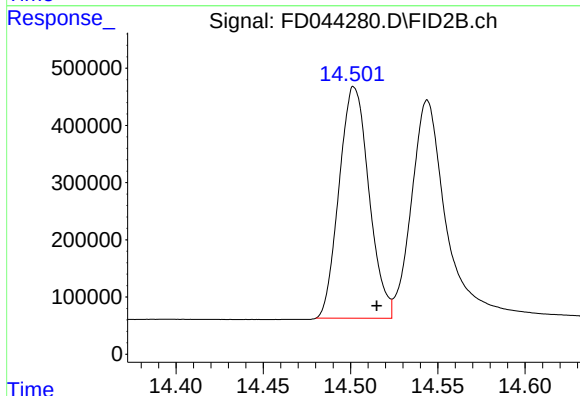
#13 Pyrene (C20.8)

R.T.: 12.632 min
Delta R.T.: -0.011 min
Response: 5097416
Conc: 40.36 ug/ml

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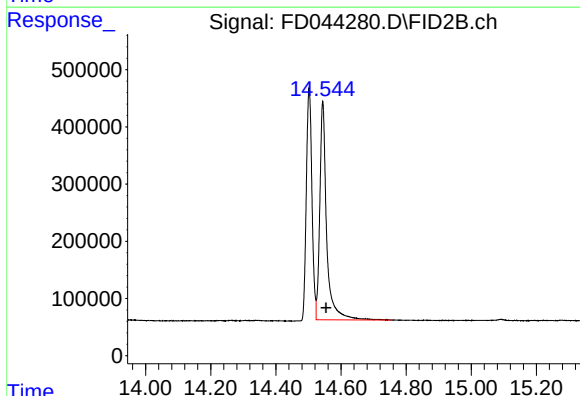
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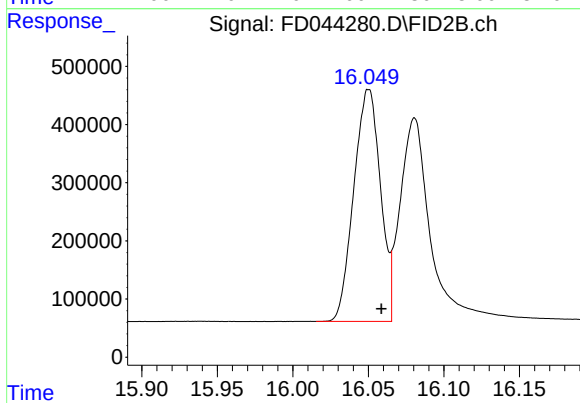
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.502 min
Delta R.T.: -0.013 min
Response: 4821667
Conc: 45.39 ug/ml



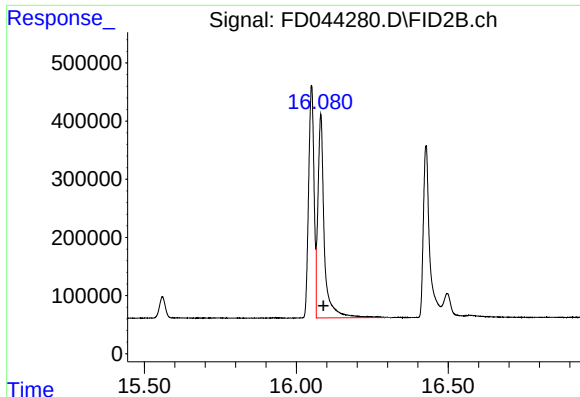
#15 Chrysene (C27.41)

R.T.: 14.544 min
Delta R.T.: -0.011 min
Response: 5582706
Conc: 42.59 ug/ml



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

R.T.: 16.050 min
Delta R.T.: -0.009 min
Response: 4905462
Conc: 43.71 ug/ml



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

R.T.: 16.080 min
Delta R.T.: -0.009 min
Response: 5148085
Conc: 40.46 ug/ml

Instrument :

FID_D

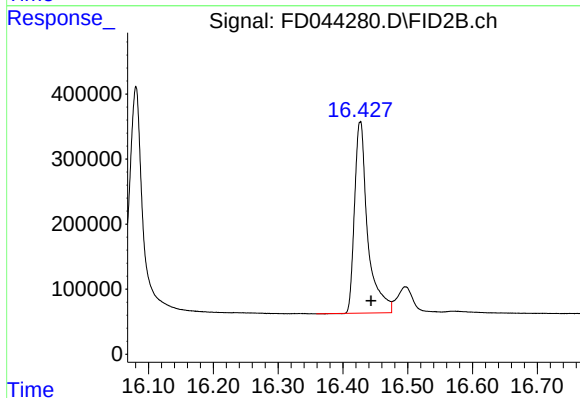
ClientSampleId :

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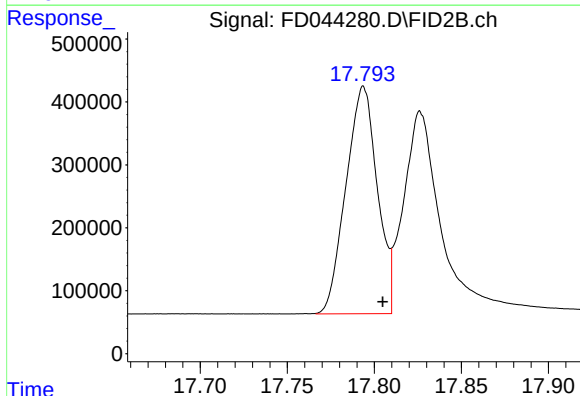
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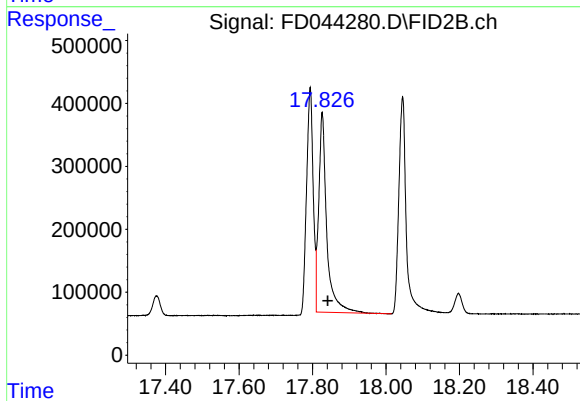
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.427 min
Delta R.T.: -0.017 min
Response: 4146350
Conc: 35.68 ug/ml



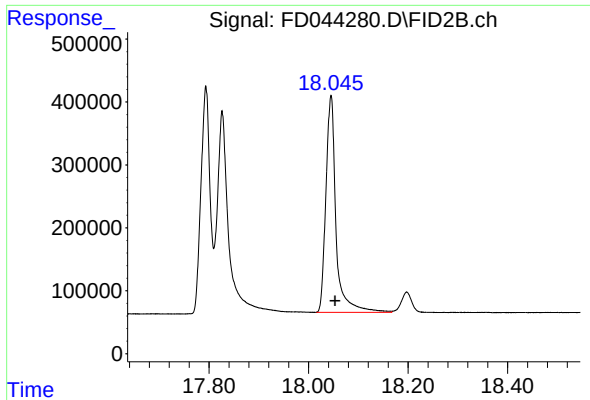
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.793 min
Delta R.T.: -0.011 min
Response: 4546923
Conc: 42.65 ug/ml m



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

R.T.: 17.826 min
Delta R.T.: -0.015 min
Response: 4820700
Conc: 38.97 ug/ml



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

R.T.: 18.045 min
Delta R.T.: -0.009 min
Response: 4886077
Conc: 41.62 ug/ml

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