

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082422AR\
 Data File : FD043735.D
 Signal(s) : FID2B.ch
 Acq On : 24 Aug 2022 20:09
 Operator : YP/AJ
 Sample : PB147236BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB147236BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2022
 Supervised By :Ankita Jodhani 08/25/2022

Integration File: sample.E
 Quant Time: Aug 25 03:29:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 24 02:39:46 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...	7.470	8716511	50.448 ug/ml
Spiked Amount 50.000		Recovery =	100.90%
6) S 2-Fluorobiphenyl (SURR)	8.325	5724034	56.903 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	113.81%
11) S ortho-Terphenyl (SURR)	11.361	10039498	47.988 ug/ml
Spiked Amount 50.000		Recovery =	95.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	6628012	33.282 ug/ml
2) T Naphthalene (C11.7)	5.807	7601649	37.819 ug/ml
3) T 2-Methylnaphthalene (...)	6.855	7752379	42.950 ug/ml
5) T Acenaphthylene (C15.06)	8.129	8266528	41.356 ug/ml
7) T Acenaphthene (C15.5)	8.422	9126873	42.459 ug/ml
8) T Flouorene (C16.55)	9.203	9239142	48.192 ug/ml
9) T Phenanthrene (C19.36)	10.596	9485808	52.750 ug/ml
10) T Anthracene (C19.43)	10.671	9849797	50.640 ug/ml
12) T Fluoranthene (C21.85)	12.404	9473802	51.949 ug/mlm
13) T Pyrene (C20.8)	12.699	9384077	50.272 ug/ml
14) T Benzo[a]anthracene (C...	14.569	8668912	60.588 ug/mlm
15) T Chrysene (C27.41)	14.611	10062662	52.135 ug/ml
16) T benzo[b]fluoranthene ...	16.117	8495273	58.872 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.149	8749305	50.870 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.491	7042396	48.499 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.859	7526702	72.780 ug/mlm
20) T Dibenz[a,h]anthracene...	17.893	7622240	54.165 ug/ml
21) T Benzo[g,h,i]perylene ...	18.111	7295565	57.308 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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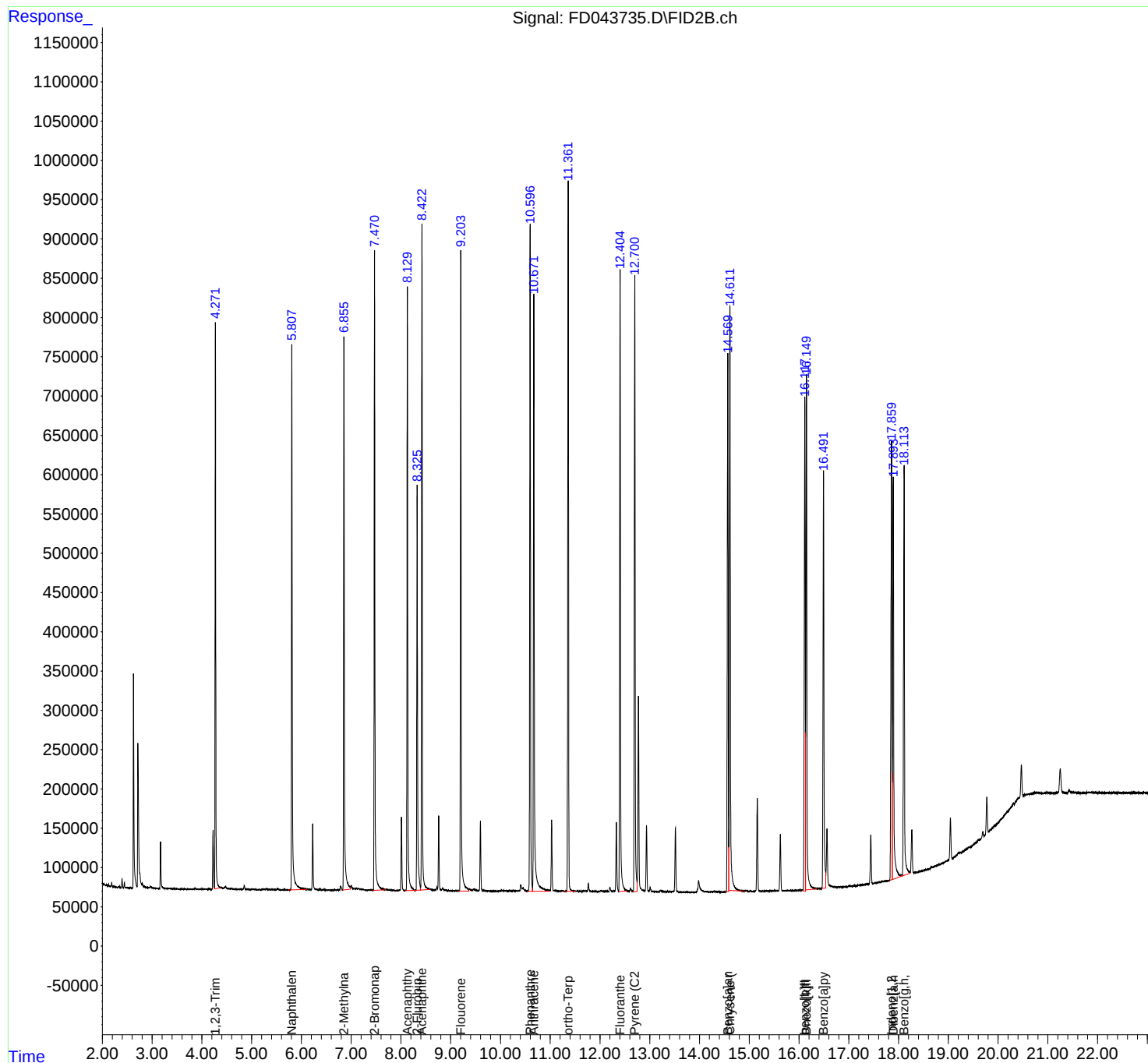
Instrument :
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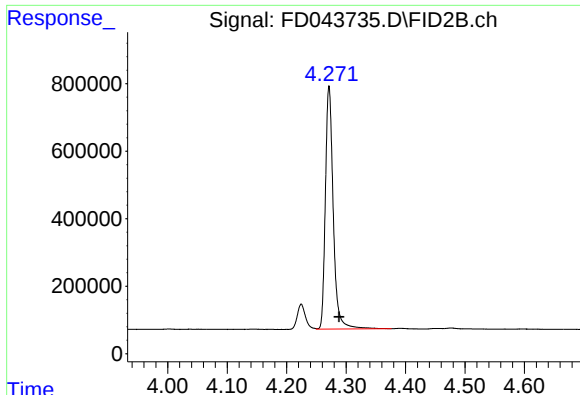
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.272 min
Delta R.T.: -0.016 min
Response: 6628012
Conc: 33.28 ug/ml

Instrument :

FID_D

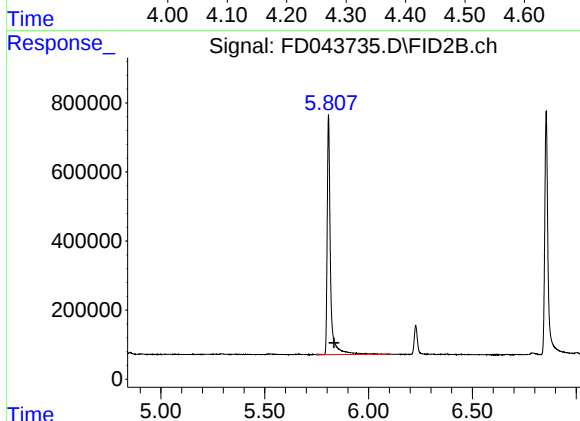
ClientSampleId :

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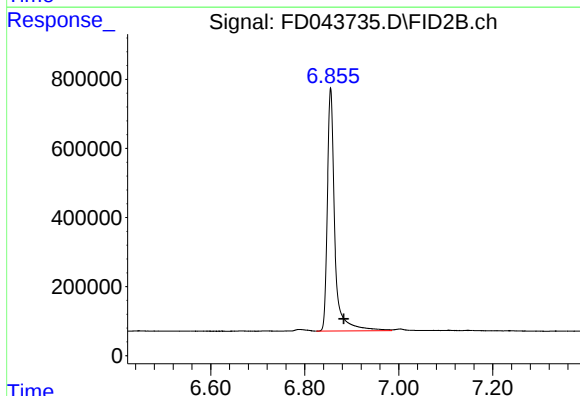
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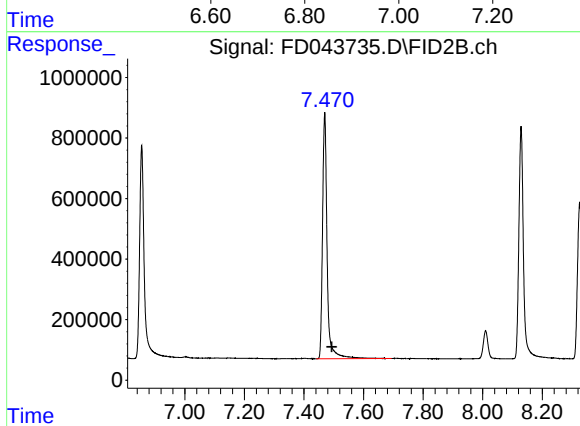
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: -0.026 min
Response: 7601649
Conc: 37.82 ug/ml



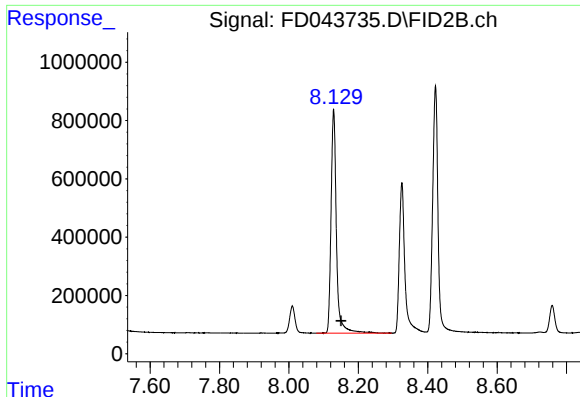
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.855 min
Delta R.T.: -0.028 min
Response: 7752379
Conc: 42.95 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.470 min
Delta R.T.: -0.024 min
Response: 8716511
Conc: 50.45 ug/ml



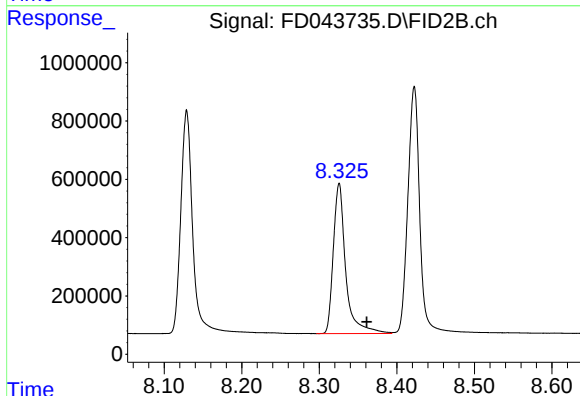
#5 Acenaphthylene (C15.06)

R.T.: 8.129 min
Delta R.T.: -0.021 min
Response: 8266528
Conc: 41.36 ug/ml

Instrument :
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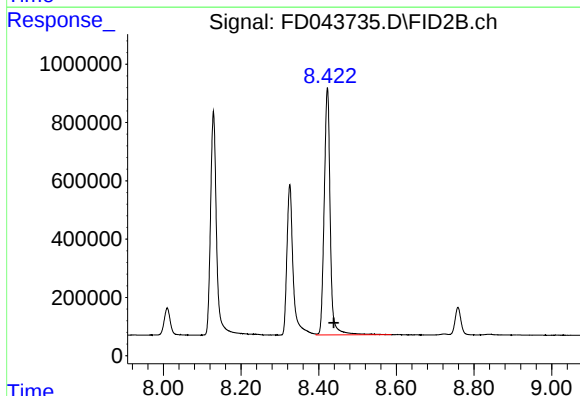
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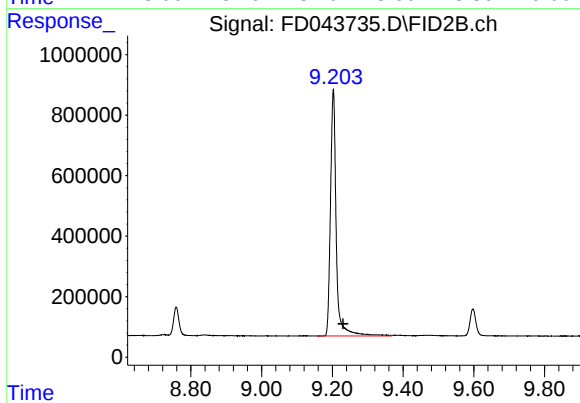
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.325 min
Delta R.T.: -0.036 min
Response: 5724034
Conc: 56.90 ug/ml



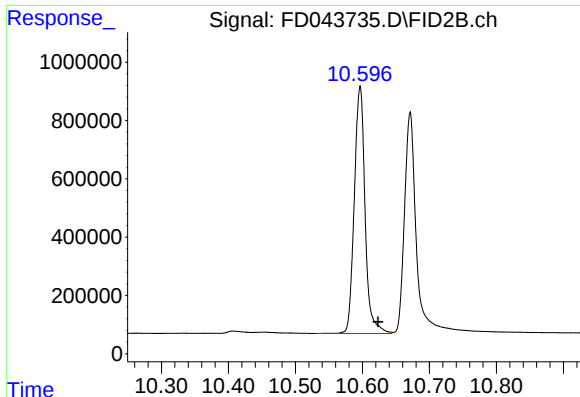
#7 Acenaphthene (C15.5)

R.T.: 8.422 min
Delta R.T.: -0.016 min
Response: 9126873
Conc: 42.46 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.203 min
Delta R.T.: -0.027 min
Response: 9239142
Conc: 48.19 ug/ml



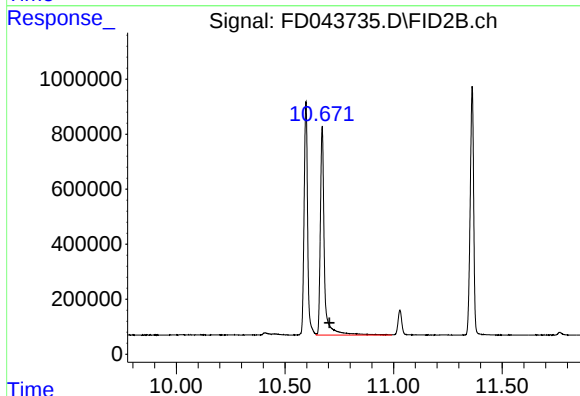
#9 Phenanthrene (C19.36)

R.T.: 10.596 min
Delta R.T.: -0.027 min
Response: 9485808
Conc: 52.75 ug/ml

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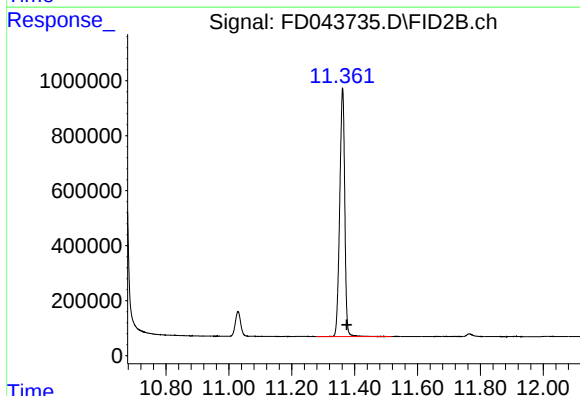
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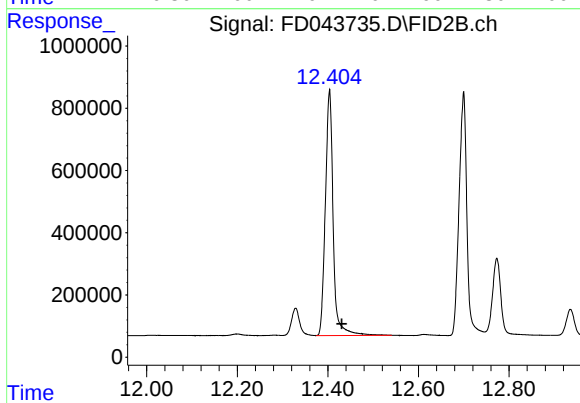
#10 Anthracene (C19.43)

R.T.: 10.671 min
Delta R.T.: -0.034 min
Response: 9849797
Conc: 50.64 ug/ml



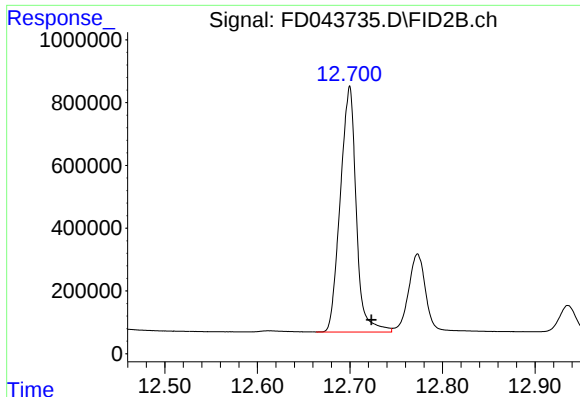
#11 ortho-Terphenyl (SURR)

R.T.: 11.361 min
Delta R.T.: -0.014 min
Response: 10039498
Conc: 47.99 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.404 min
Delta R.T.: -0.027 min
Response: 9473802
Conc: 51.95 ug/ml m



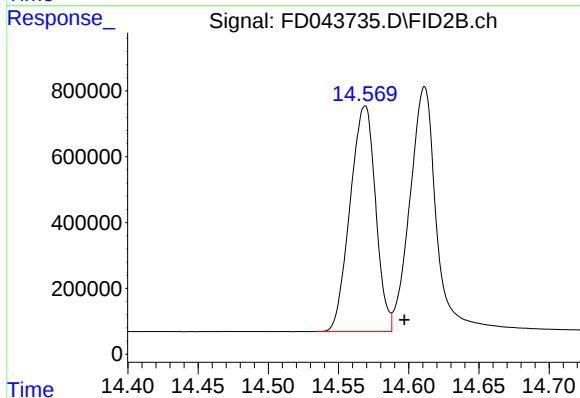
#13 Pyrene (C20.8)

R.T.: 12.699 min
Delta R.T.: -0.024 min
Response: 9384077
Conc: 50.27 ug/ml

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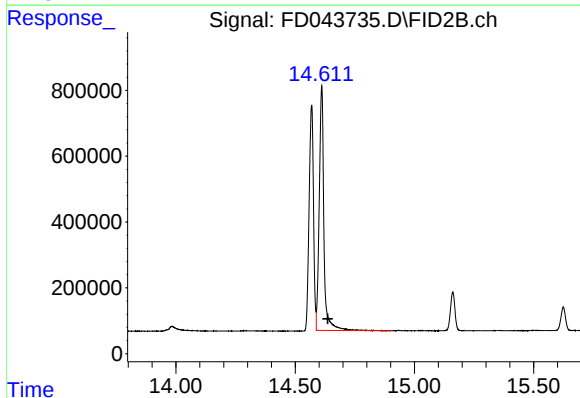
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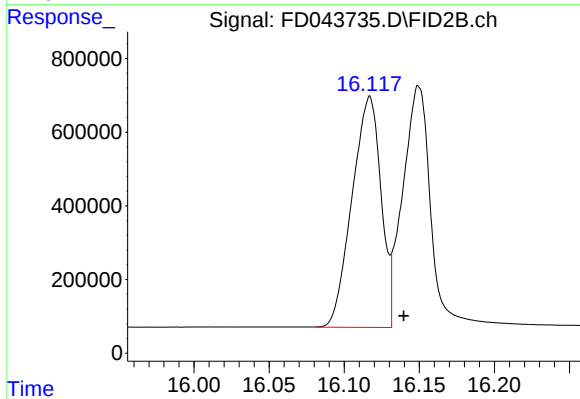
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.569 min
Delta R.T.: -0.028 min
Response: 8668912
Conc: 60.59 ug/ml m



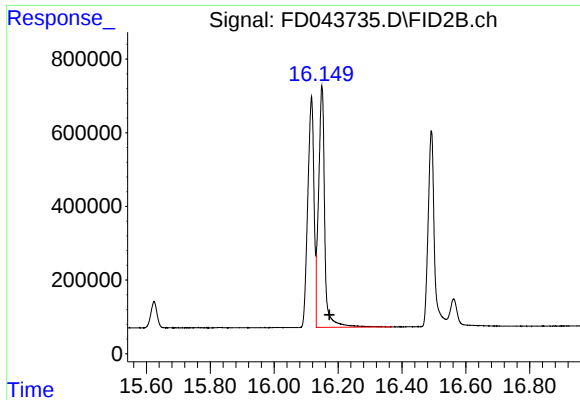
#15 Chrysene (C27.41)

R.T.: 14.611 min
Delta R.T.: -0.025 min
Response: 10062662
Conc: 52.14 ug/ml



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

R.T.: 16.117 min
Delta R.T.: -0.023 min
Response: 8495273
Conc: 58.87 ug/ml m



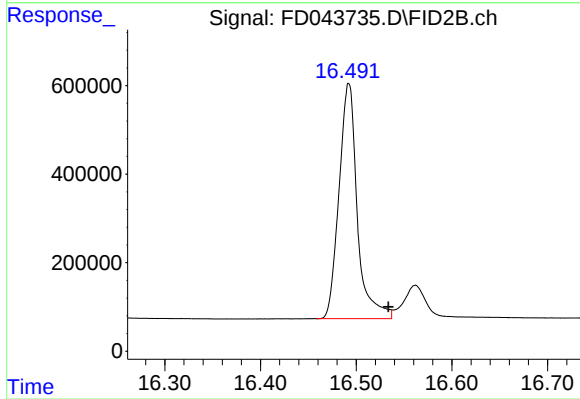
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.149 min
Delta R.T.: -0.023 min
Response: 8749305
Conc: 50.87 ug/ml

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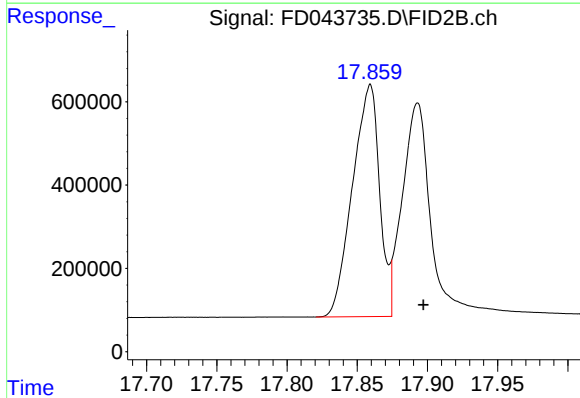
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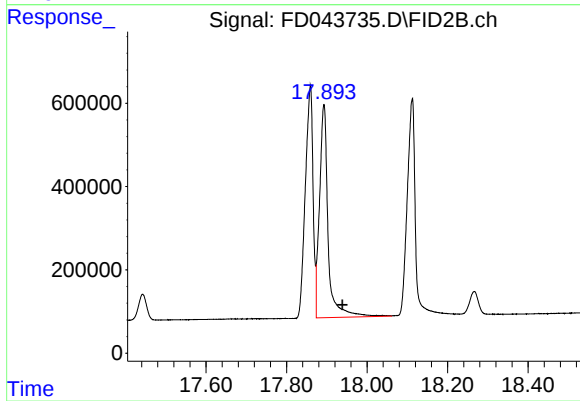
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.491 min
Delta R.T.: -0.042 min
Response: 7042396
Conc: 48.50 ug/ml m



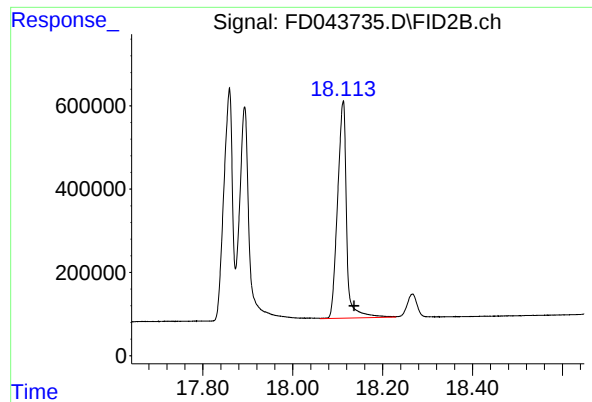
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.859 min
Delta R.T.: -0.038 min
Response: 7526702
Conc: 72.78 ug/ml m



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

R.T.: 17.893 min
Delta R.T.: -0.046 min
Response: 7622240
Conc: 54.16 ug/ml



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

R.T.: 18.111 min
Delta R.T.: -0.025 min
Response: 7295565
Conc: 57.31 ug/ml

Instrument :

FID_D

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