

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071922AR\
 Data File : FD043265.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jul 2022 14:18
 Operator : YP/AJ
 Sample : PB146275BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB146275BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 07/20/2022
 Supervised By :mohammad ahmed 07/20/2022

Integration File: autoint1.e
 Quant Time: Jul 20 03:34:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.622	5836835	37.801 ug/ml
Spiked Amount 50.000		Recovery =	75.60%
6) S 2-Fluorobiphenyl (SURR)	8.485	3315875	31.438 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	62.88%
11) S ortho-Terphenyl (SURR)	11.537	11954555	65.775 ug/ml
Spiked Amount 50.000		Recovery =	131.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.414	3669014	21.846 ug/mlm
2) T Naphthalene (C11.7)	5.956	4478767	25.583 ug/ml
3) T 2-Methylnaphthalene (...)	7.010	4787644	29.766 ug/ml
5) T Acenaphthylene (C15.06)	8.288	5179465	29.139 ug/ml
7) T Acenaphthene (C15.5)	8.585	5407119	30.878 ug/ml
8) T Flouorene (C16.55)	9.367	5698215	32.873 ug/ml
9) T Phenanthrene (C19.36)	10.765	5795108	33.789 ug/ml
10) T Anthracene (C19.43)	10.840	5756589	33.883 ug/ml
12) T Fluoranthene (C21.85)	12.578	5862551	34.955 ug/ml
13) T Pyrene (C20.8)	12.876	5783935	35.491 ug/mlm
14) T Benzo[a]anthracene (C...	14.749	5210887	33.554 ug/ml
15) T Chrysene (C27.41)	14.792	6320158	40.044 ug/ml
16) T benzo[b]fluoranthene ...	16.300	5193100	34.067 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.334	5187138	35.441 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.677	4459143	31.176 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.044	4314540	34.479 ug/mlm
20) T Dibenz[a,h]anthracene...	18.081	4330658	32.213 ug/ml
21) T Benzo[g,h,i]perylene ...	18.299	4445035	34.080 ug/ml

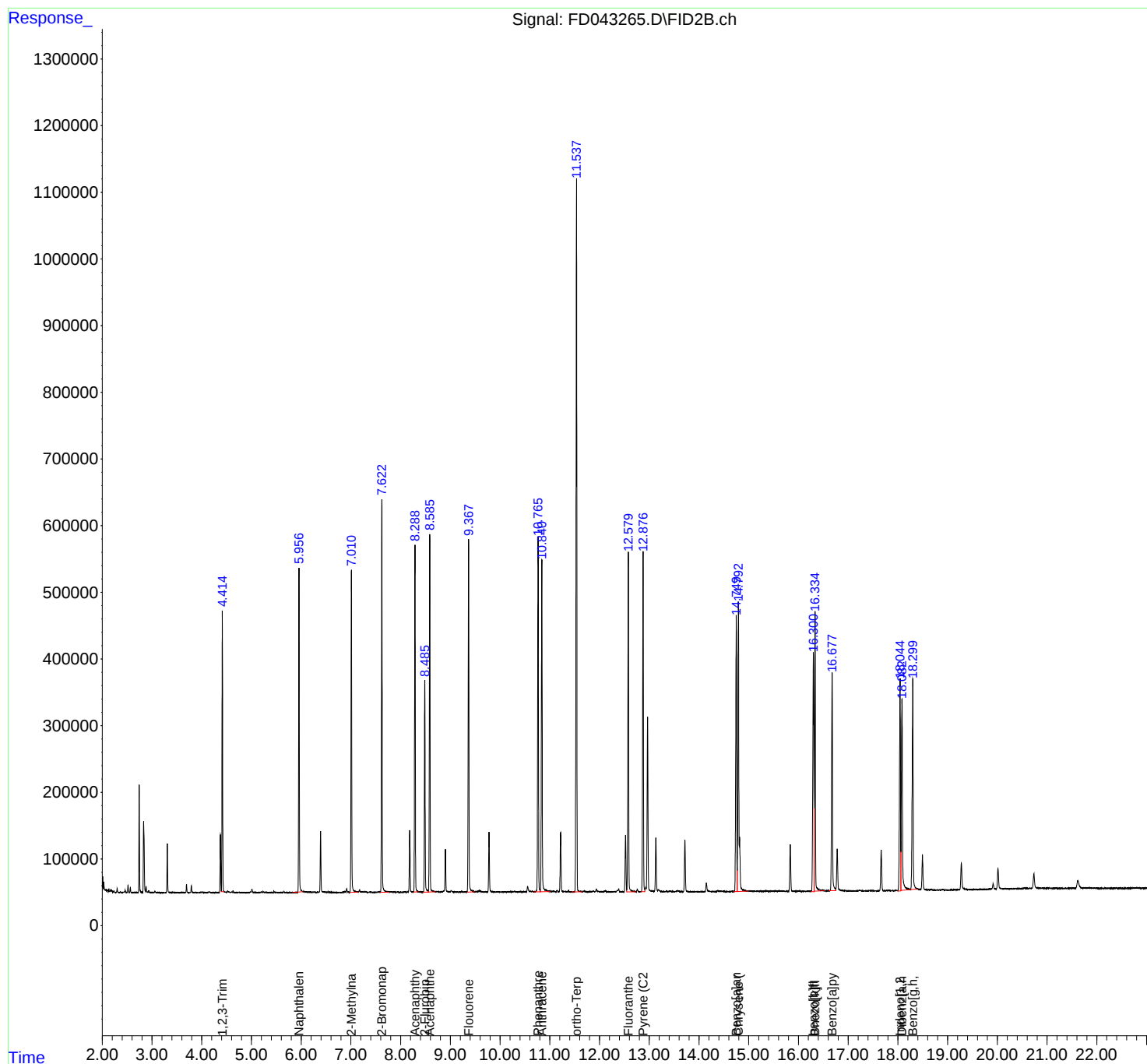
(f)=RT Delta > 1/2 Window

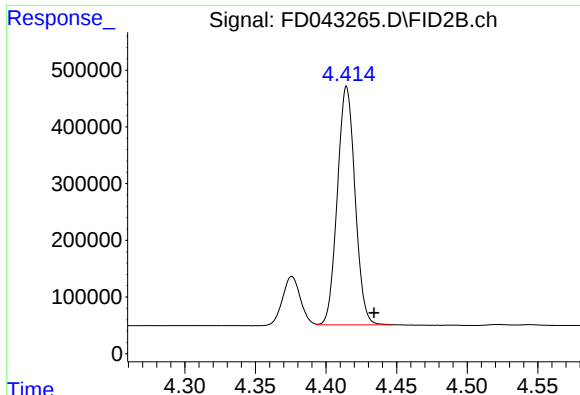
(m)=manual int.

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Quant Title : GC Extractables
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Integrator: ChemStation

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.414 min
Delta R.T.: -0.020 min
Response: 3669014
Conc: 21.85 ug/ml

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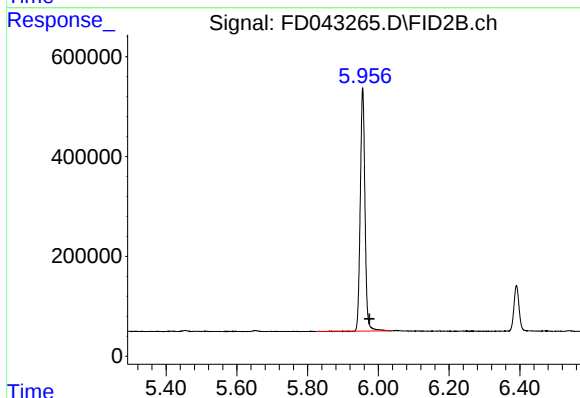
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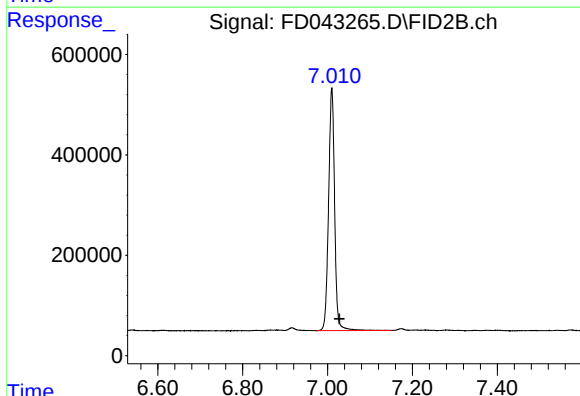
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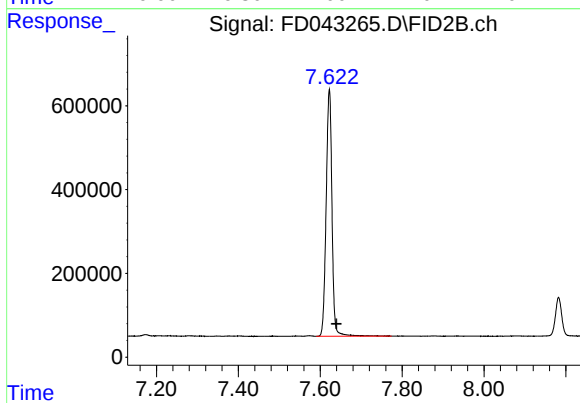
#2 Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: -0.019 min
Response: 4478767
Conc: 25.58 ug/ml



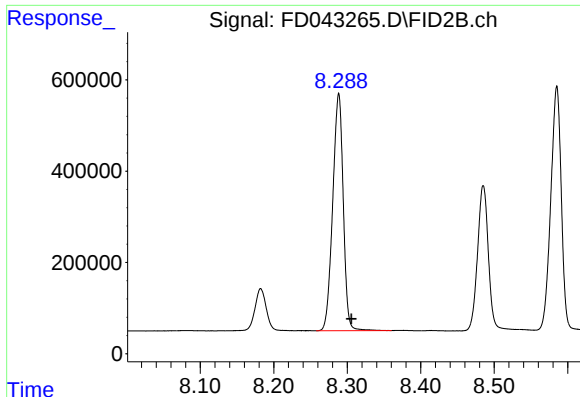
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.010 min
Delta R.T.: -0.018 min
Response: 4787644
Conc: 29.77 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.622 min
Delta R.T.: -0.017 min
Response: 5836835
Conc: 37.80 ug/ml



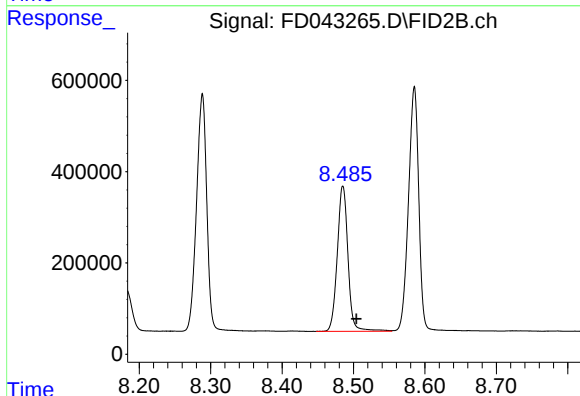
#5 Acenaphthylene (C15.06)

R.T.: 8.288 min
Delta R.T.: -0.018 min
Response: 5179465
Conc: 29.14 ug/ml

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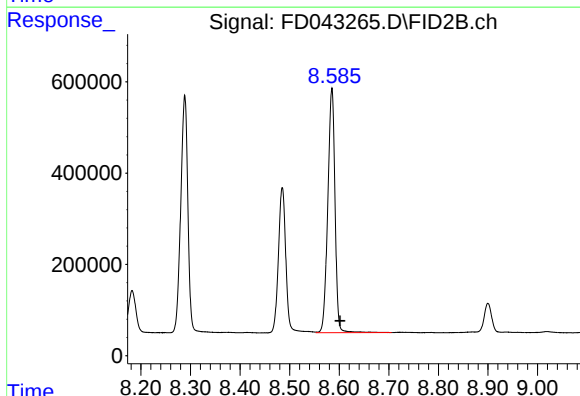
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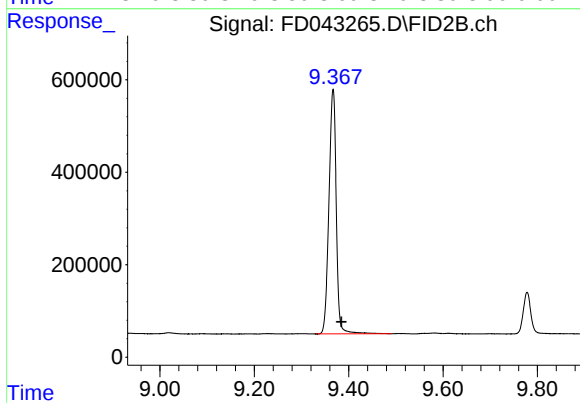
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.485 min
Delta R.T.: -0.019 min
Response: 3315875
Conc: 31.44 ug/ml



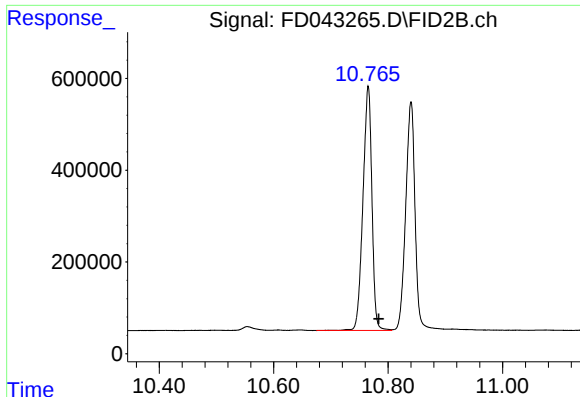
#7 Acenaphthene (C15.5)

R.T.: 8.585 min
Delta R.T.: -0.017 min
Response: 5407119
Conc: 30.88 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.367 min
Delta R.T.: -0.018 min
Response: 5698215
Conc: 32.87 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.765 min
Delta R.T.: -0.019 min
Response: 5795108
Conc: 33.79 ug/ml

Instrument :

FID_D

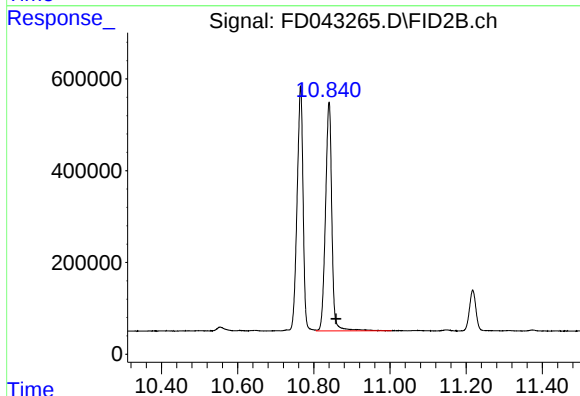
ClientSampleId :

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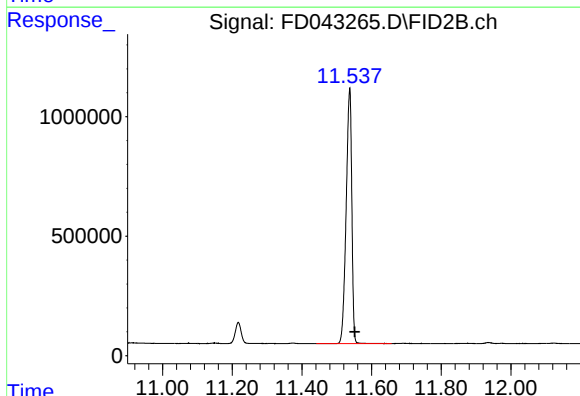
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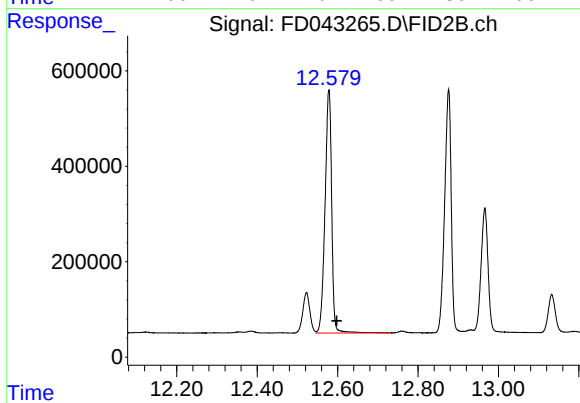
#10 Anthracene (C19.43)

R.T.: 10.840 min
Delta R.T.: -0.018 min
Response: 5756589
Conc: 33.88 ug/ml



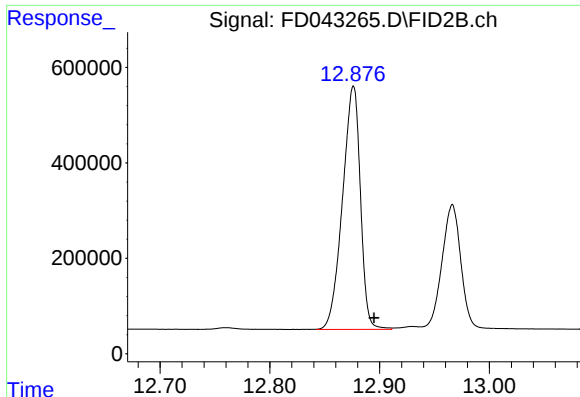
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: -0.015 min
Response: 11954555
Conc: 65.77 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.578 min
Delta R.T.: -0.019 min
Response: 5862551
Conc: 34.96 ug/ml



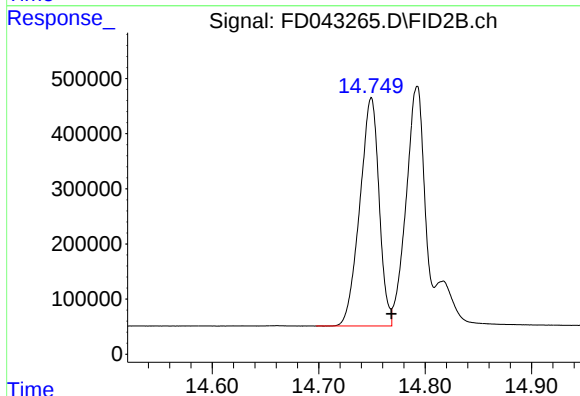
#13 Pyrene (C20.8)

R.T.: 12.876 min
Delta R.T.: -0.019 min
Response: 5783935
Conc: 35.49 ug/ml

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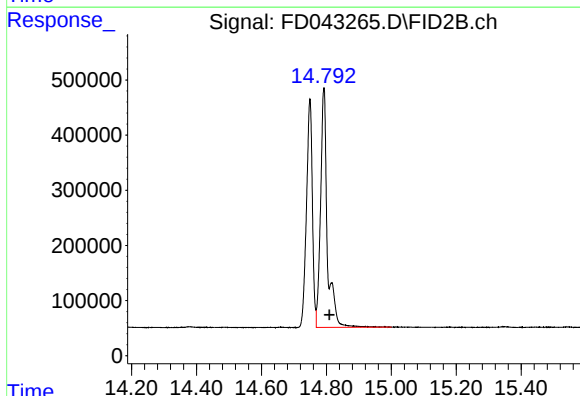
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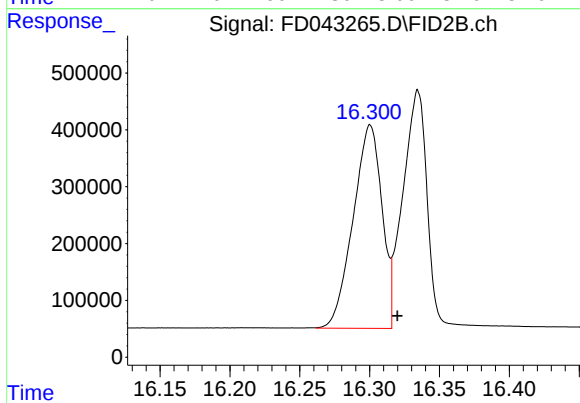
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.749 min
Delta R.T.: -0.019 min
Response: 5210887
Conc: 33.55 ug/ml



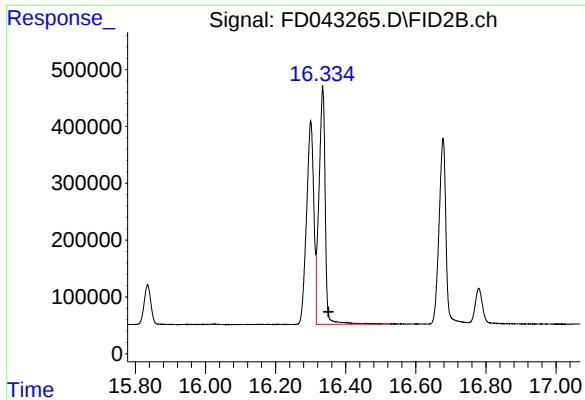
#15 Chrysene (C27.41)

R.T.: 14.792 min
Delta R.T.: -0.018 min
Response: 6320158
Conc: 40.04 ug/ml



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

R.T.: 16.300 min
Delta R.T.: -0.020 min
Response: 5193100
Conc: 34.07 ug/ml m



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

R.T.: 16.334 min
Delta R.T.: -0.017 min
Response: 5187138
Conc: 35.44 ug/ml

Instrument :

FID_D

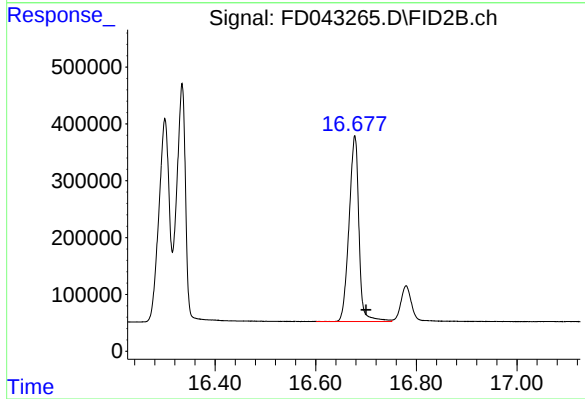
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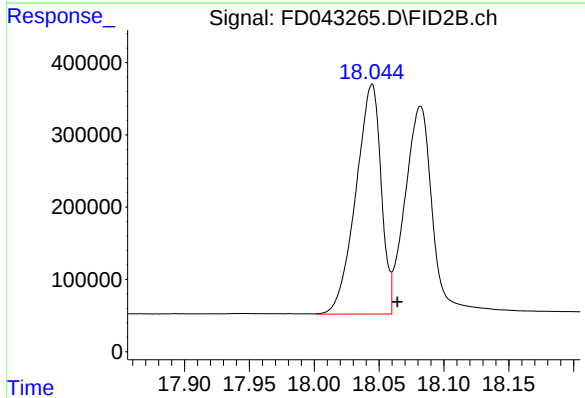
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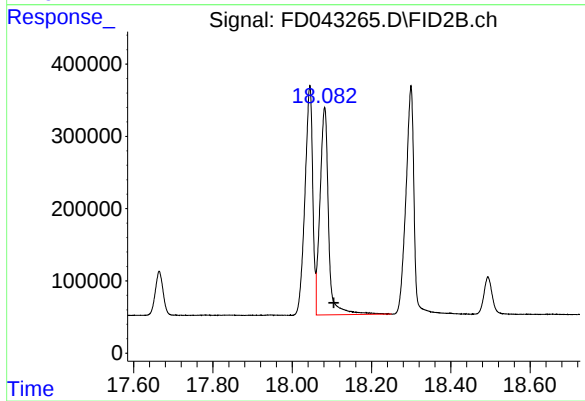
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.677 min
Delta R.T.: -0.023 min
Response: 4459143
Conc: 31.18 ug/ml



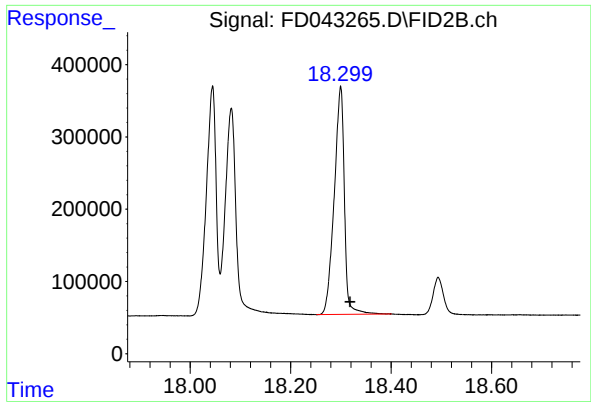
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.044 min
Delta R.T.: -0.020 min
Response: 4314540
Conc: 34.48 ug/ml m



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

R.T.: 18.081 min
Delta R.T.: -0.023 min
Response: 4330658
Conc: 32.21 ug/ml



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

R.T.: 18.299 min
Delta R.T.: -0.019 min
Response: 4445035
Conc: 34.08 ug/ml

Instrument :

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