

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032924AR\
 Data File : FD047459.D
 Signal(s) : FID2B.ch
 Acq On : 29 Mar 2024 21:23
 Operator : YP/AJ
 Sample : P1880-01MS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 YANUZZI-GROUPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/01/2024
 Supervised By :Ankita Jodhani 04/01/2024

Integration File: autoint1.e
 Quant Time: Mar 30 04:27:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.462	7193541	43.554 ug/ml
Spiked Amount 50.000		Recovery =	87.11%
6) S 2-Fluorobiphenyl (SURR)	8.315	4138687	38.896 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.79%
11) S ortho-Terphenyl (SURR)	11.349	4518963	24.214 ug/mlm
Spiked Amount 50.000		Recovery =	48.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.276	3191258	17.956 ug/ml
2) T Naphthalene (C11.7)	5.801	3987835	21.867 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	4334431	23.766 ug/mlm
5) T Acenaphthylene (C15.06)	8.117	4528843	27.164 ug/ml
7) T Acenaphthene (C15.5)	8.413	4599849	26.109 ug/ml
8) T Flouorene (C16.55)	9.191	4743181	28.158 ug/ml
9) T Phenanthrene (C19.36)	10.580	4876468	30.110 ug/ml
10) T Anthracene (C19.43)	10.655	4489436	30.505 ug/ml
12) T Fluoranthene (C21.85)	12.384	4914553	30.827 ug/ml
13) T Pyrene (C20.8)	12.678	4755647	30.739 ug/ml
14) T Benzo[a]anthracene (C...	14.544	4064159	29.980 ug/ml
15) T Chrysene (C27.41)	14.585	4043371	27.238 ug/ml
16) T benzo[b]fluoranthene ...	16.091	4231117	30.140 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.121	3690073	26.058 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.465	3516359	25.455 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.829	3724583	29.801 ug/mlm
20) T Dibenz[a,h]anthracene...	17.867	3348390	25.391 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.080	3050466	22.703 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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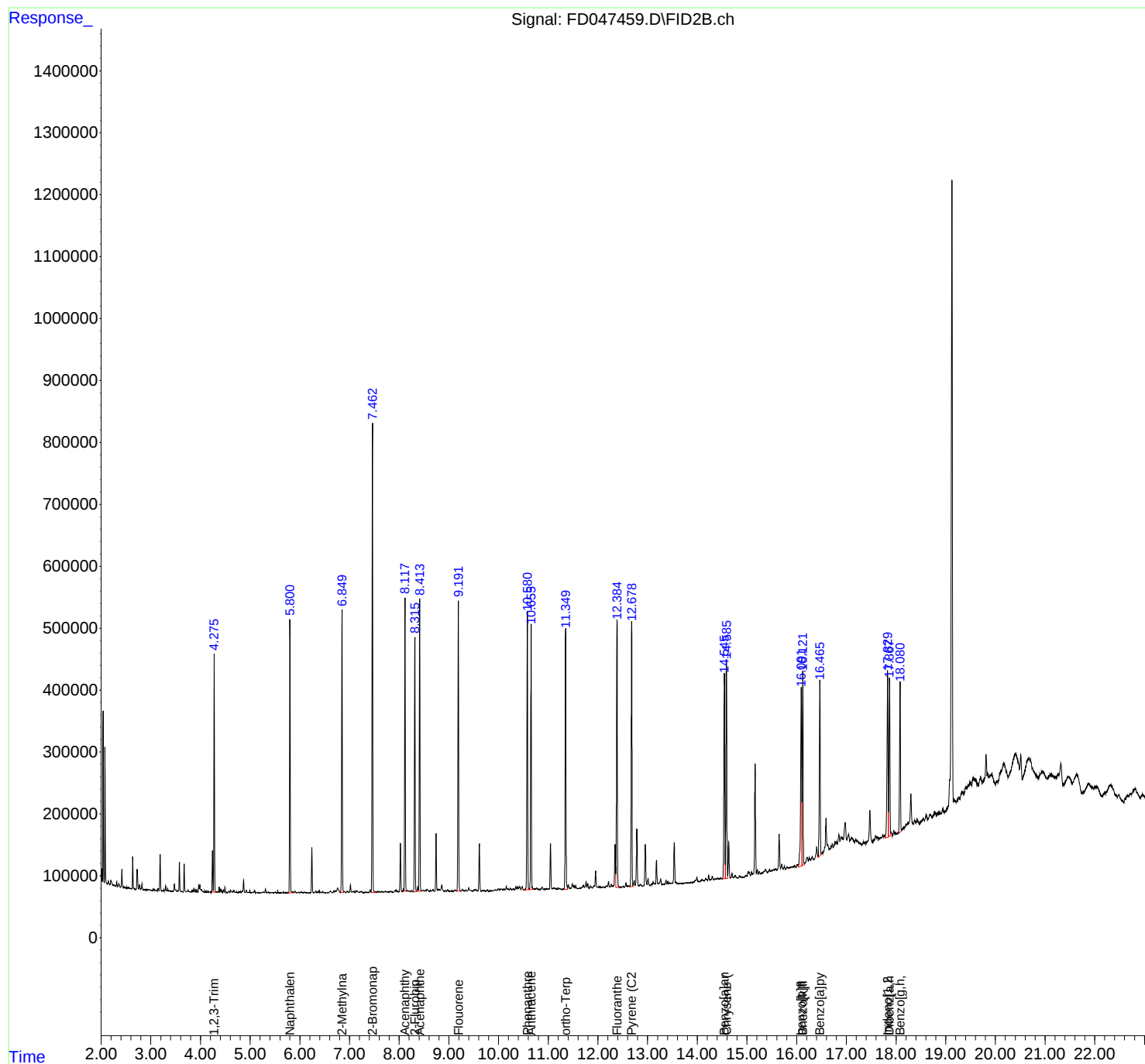
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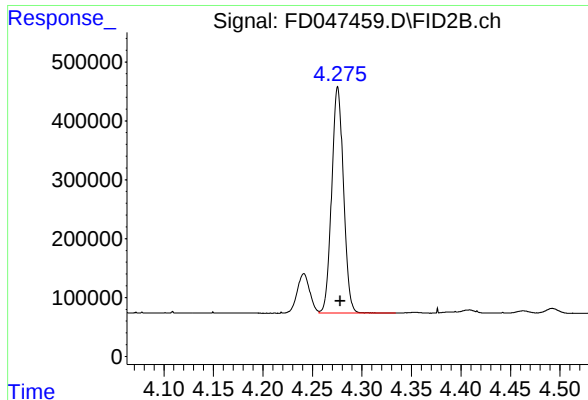
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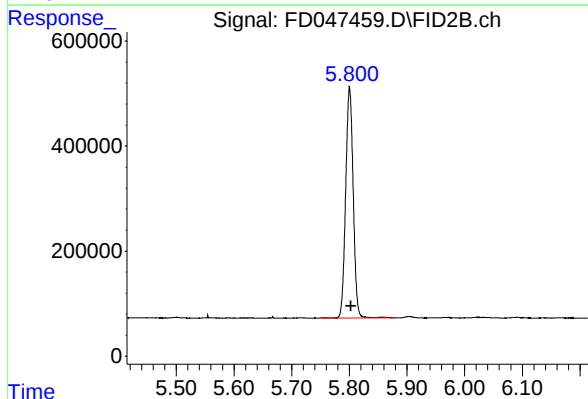
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.276 min
Delta R.T.: -0.002 min
Response: 3191258
Conc: 17.96 ug/ml

Instrument :
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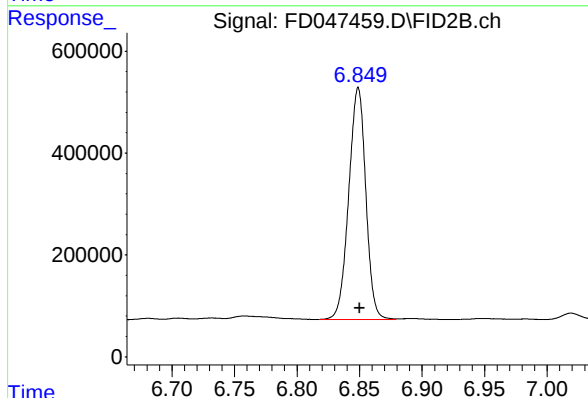
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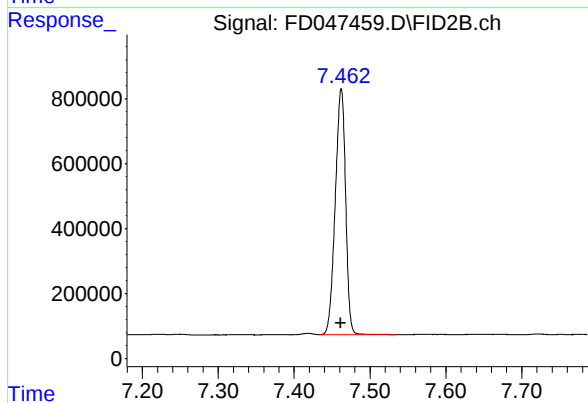
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: -0.002 min
Response: 3987835
Conc: 21.87 ug/ml



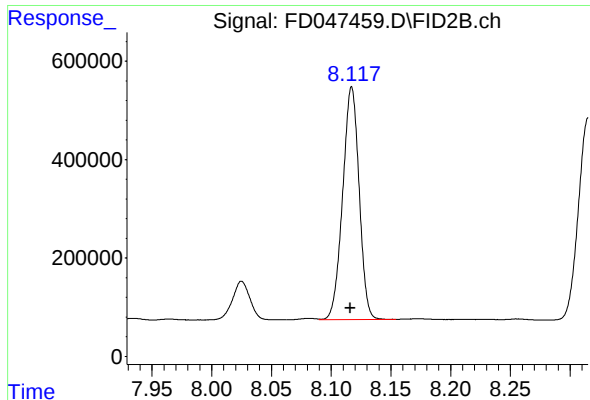
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: -0.002 min
Response: 4334431
Conc: 23.77 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.462 min
Delta R.T.: 0.000 min
Response: 7193541
Conc: 43.55 ug/ml



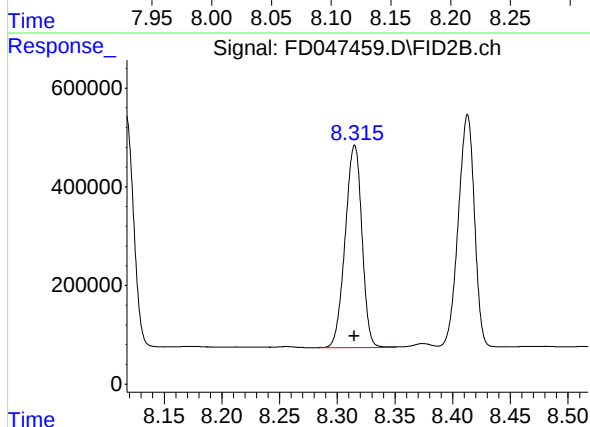
#5 Acenaphthylene (C15.06)

R.T.: 8.117 min
Delta R.T.: 0.001 min
Response: 4528843
Conc: 27.16 ug/ml

Instrument :
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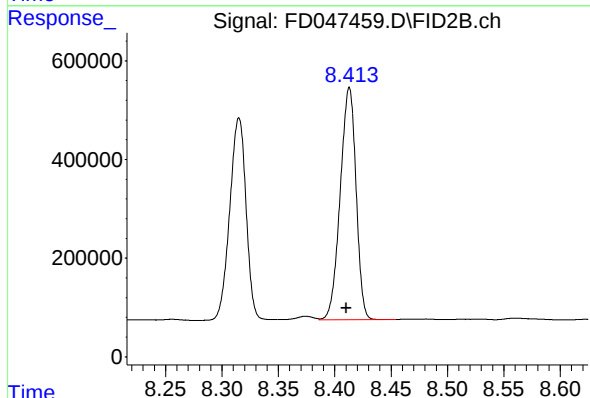
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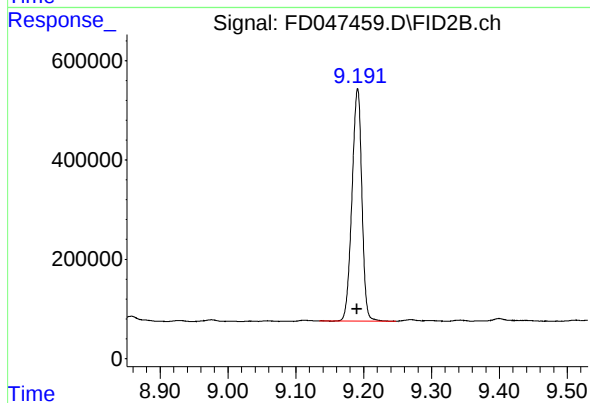
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.315 min
Delta R.T.: 0.000 min
Response: 4138687
Conc: 38.90 ug/ml



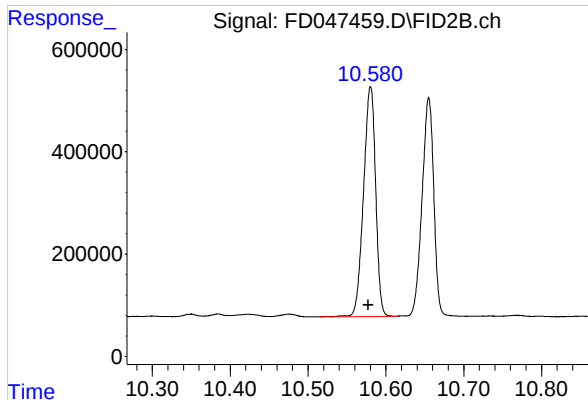
#7 Acenaphthene (C15.5)

R.T.: 8.413 min
Delta R.T.: 0.003 min
Response: 4599849
Conc: 26.11 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.191 min
Delta R.T.: 0.000 min
Response: 4743181
Conc: 28.16 ug/ml



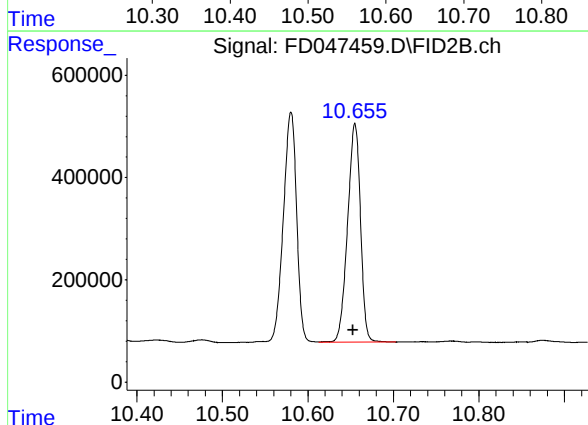
#9 Phenanthrene (C19.36)

R.T.: 10.580 min
Delta R.T.: 0.003 min
Response: 4876468
Conc: 30.11 ug/ml

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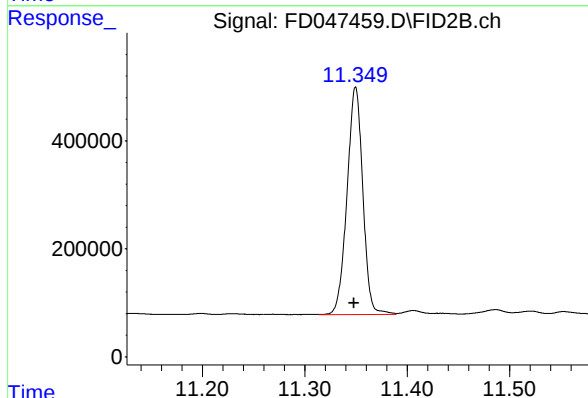
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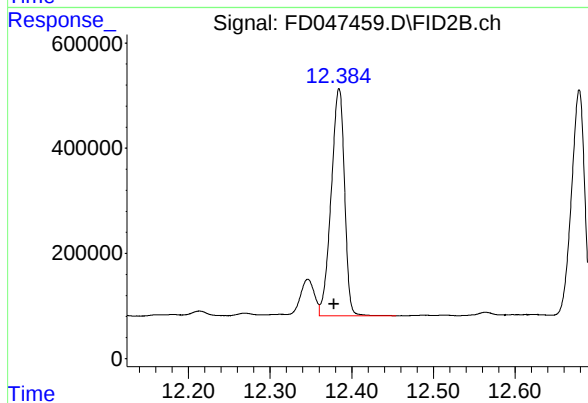
#10 Anthracene (C19.43)

R.T.: 10.655 min
Delta R.T.: 0.002 min
Response: 4489436
Conc: 30.51 ug/ml



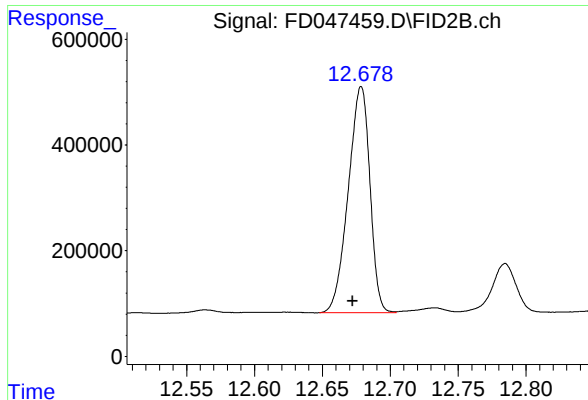
#11 ortho-Terphenyl (SURR)

R.T.: 11.349 min
Delta R.T.: 0.001 min
Response: 4518963
Conc: 24.21 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.384 min
Delta R.T.: 0.006 min
Response: 4914553
Conc: 30.83 ug/ml



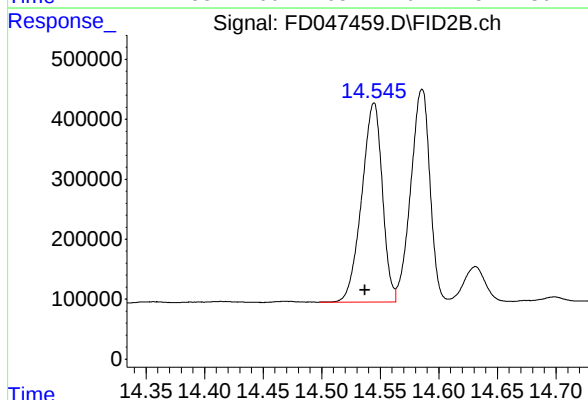
#13 Pyrene (C20.8)

R.T.: 12.678 min
Delta R.T.: 0.006 min
Response: 4755647
Conc: 30.74 ug/ml

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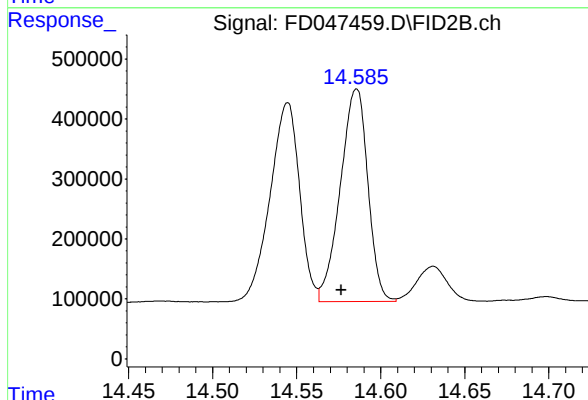
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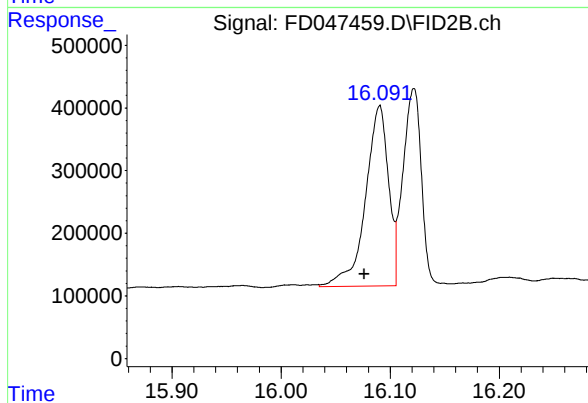
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.007 min
Response: 4064159
Conc: 29.98 ug/ml



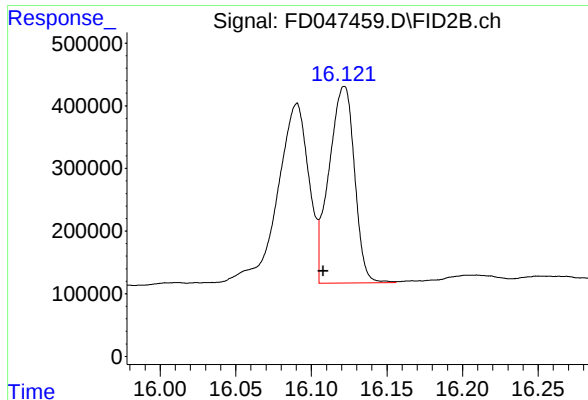
#15 Chrysene (C27.41)

R.T.: 14.585 min
Delta R.T.: 0.008 min
Response: 4043371
Conc: 27.24 ug/ml



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

R.T.: 16.091 min
Delta R.T.: 0.014 min
Response: 4231117
Conc: 30.14 ug/ml m



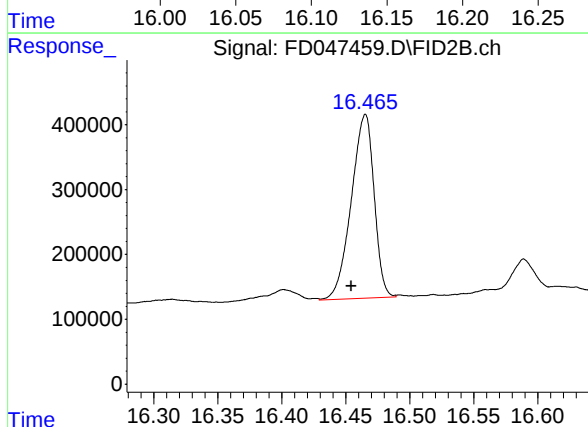
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.121 min
Delta R.T.: 0.013 min
Response: 3690073
Conc: 26.06 ug/ml

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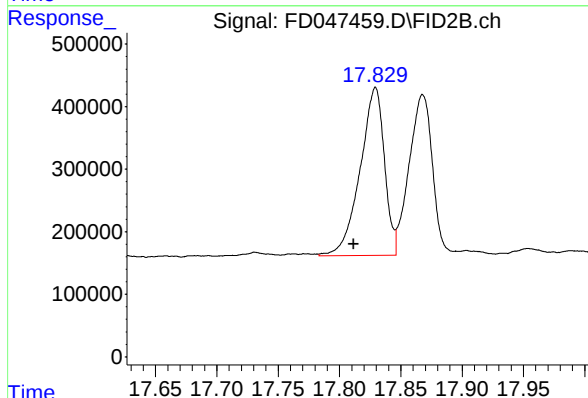
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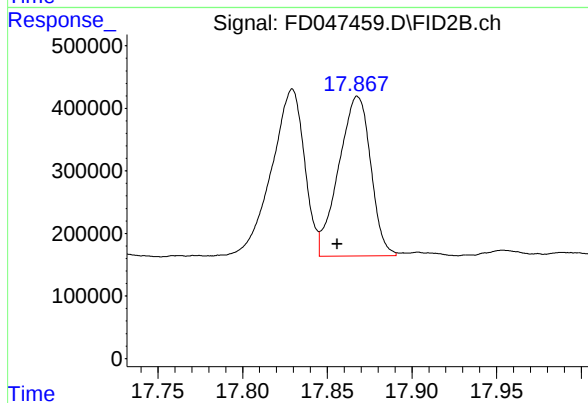
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.465 min
Delta R.T.: 0.011 min
Response: 3516359
Conc: 25.46 ug/ml m



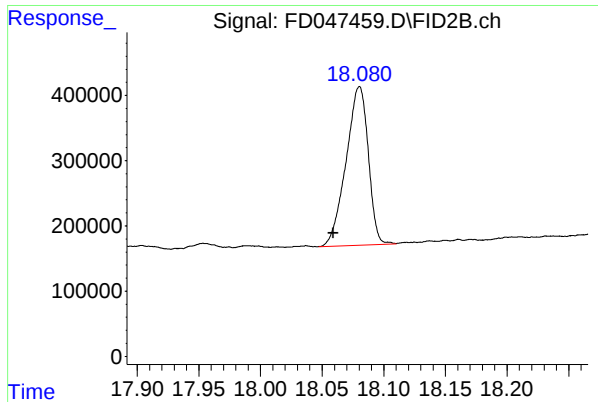
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.829 min
Delta R.T.: 0.018 min
Response: 3724583
Conc: 29.80 ug/ml m



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

R.T.: 17.867 min
Delta R.T.: 0.011 min
Response: 3348390
Conc: 25.39 ug/ml m



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

R.T.: 18.080 min
Delta R.T.: 0.021 min
Response: 3050466
Conc: 22.70 ug/ml

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