

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022324AR\
 Data File : FD047297.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2024 08:37
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/26/2024
 Supervised By :Ankita Jodhani 02/26/2024

Integration File: sample.E
 Quant Time: Feb 24 02:17:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 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...	7.463	3536441	23.229 ug/ml
Spiked Amount 50.000		Recovery =	46.46%
6) S 2-Fluorobiphenyl (SURR)	8.317	2364426	23.392 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.78%
11) S ortho-Terphenyl (SURR)	11.355	4029311	22.846 ug/ml
Spiked Amount 50.000		Recovery =	45.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	3721164	23.604 ug/ml
2) T Naphthalene (C11.7)	5.804	3890234	23.407 ug/ml
3) T 2-Methylnaphthalene (...)	6.852	3935615	23.337 ug/ml
5) T Acenaphthylene (C15.06)	8.120	3495563	22.711 ug/ml
7) T Acenaphthene (C15.5)	8.415	3770182	22.873 ug/ml
8) T Fluorene (C16.55)	9.194	3677989	23.198 ug/ml
9) T Phenanthrene (C19.36)	10.582	3550813	22.856 ug/ml
10) T Anthracene (C19.43)	10.656	2694801	18.274 ug/ml
12) T Fluoranthene (C21.85)	12.385	3572476	23.073 ug/mlm
13) T Pyrene (C20.8)	12.679	3439405	22.864 ug/ml
14) T Benzo[a]anthracene (C...	14.544	3069473	22.834 ug/ml
15) T Chrysene (C27.41)	14.587	3395122	23.186 ug/ml
16) T benzo[b]fluoranthene ...	16.088	3154791	22.913 ug/ml
17) T Bnezo[k]fluoranthene ...	16.120	3373959	24.315 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	2936361	21.690 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	2923051	23.154 ug/ml
20) T Dibenz[a,h]anthracene...	17.861	3027061	22.719 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.073	3049945	23.002 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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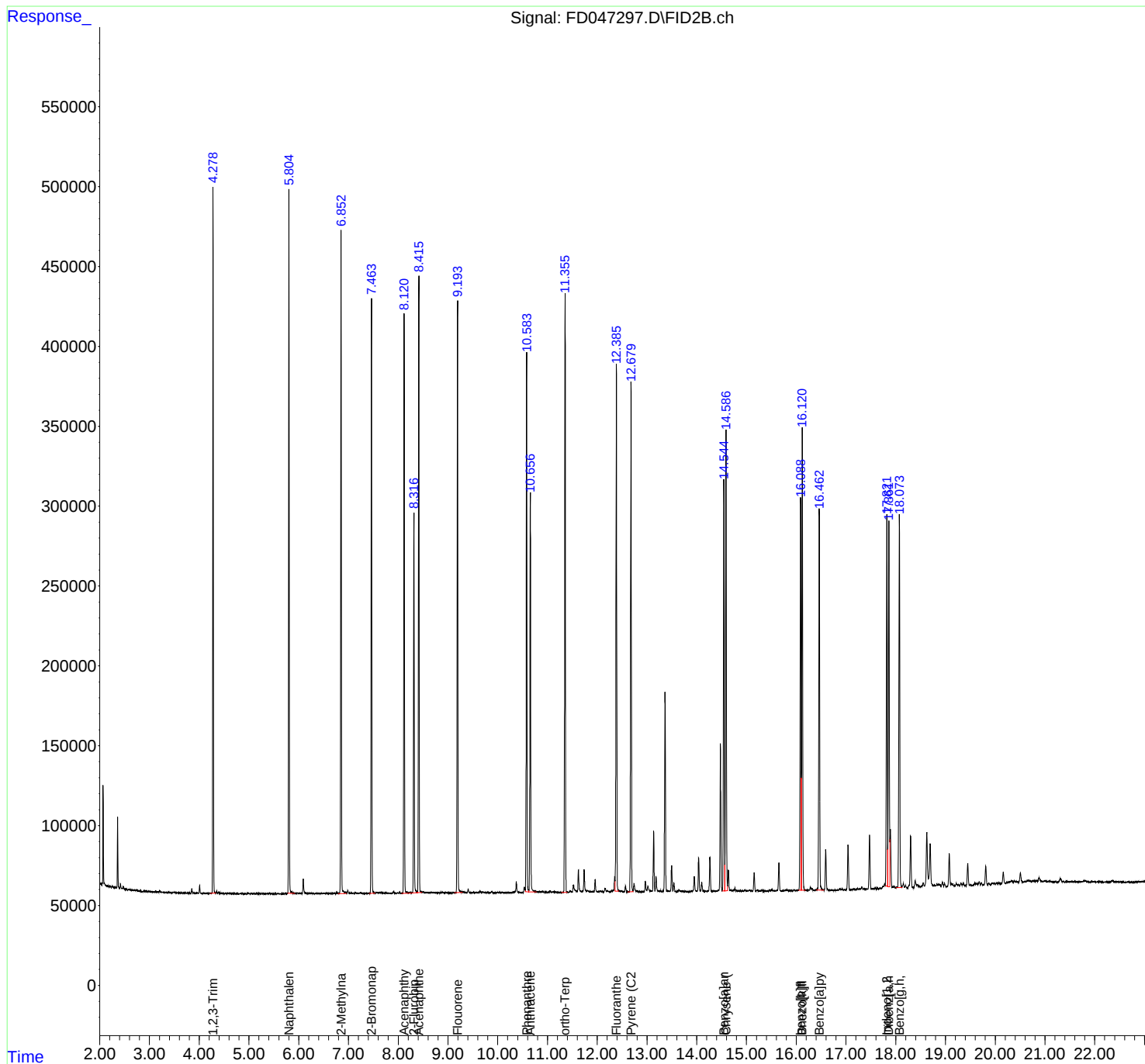
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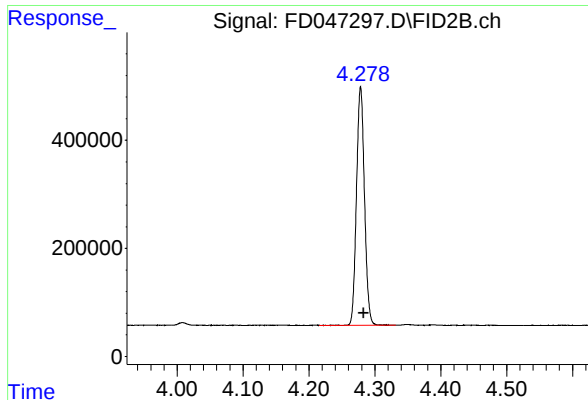
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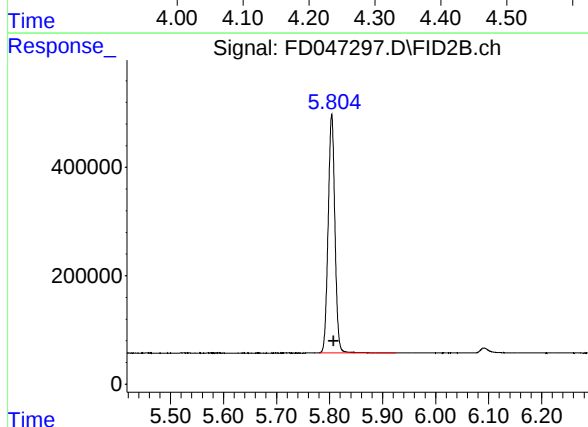
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.278 min
Delta R.T.: -0.005 min
Response: 3721164
Conc: 23.60 ug/ml

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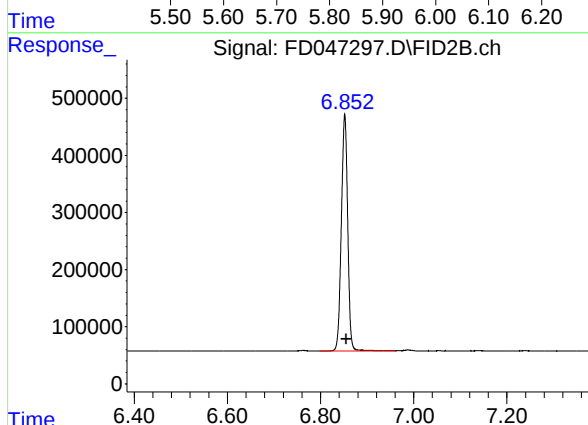
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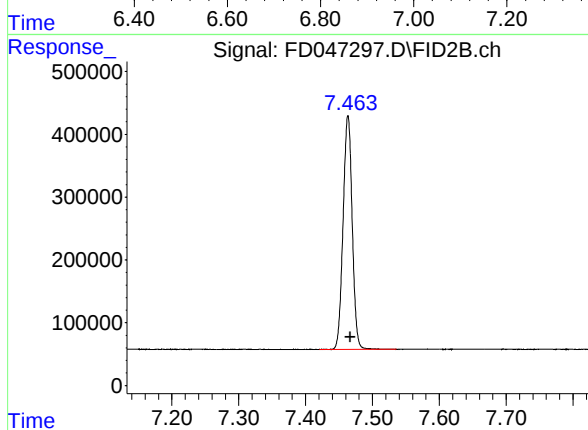
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.004 min
Response: 3890234
Conc: 23.41 ug/ml



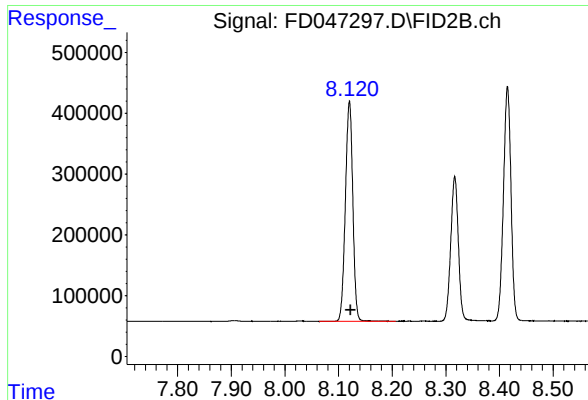
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.852 min
Delta R.T.: -0.003 min
Response: 3935615
Conc: 23.34 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: -0.004 min
Response: 3536441
Conc: 23.23 ug/ml



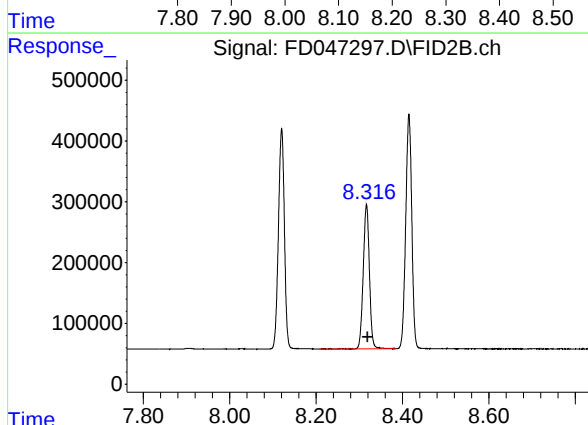
#5 Acenaphthylene (C15.06)

R.T.: 8.120 min
Delta R.T.: -0.003 min
Response: 3495563
Conc: 22.71 ug/ml

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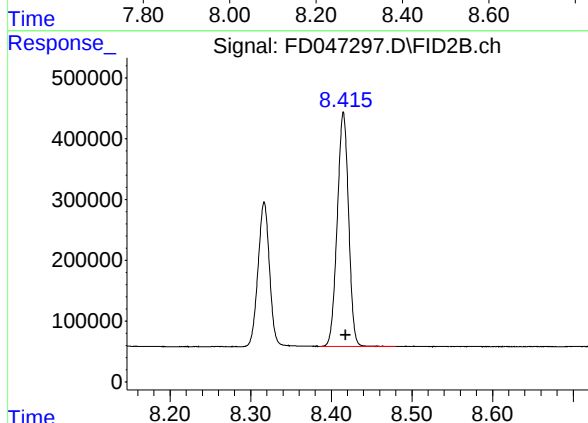
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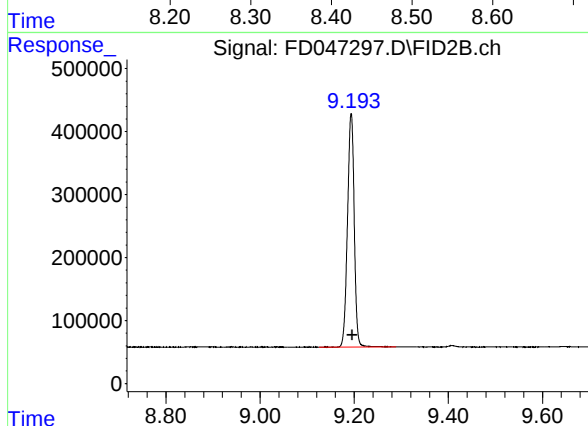
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: -0.002 min
Response: 2364426
Conc: 23.39 ug/ml



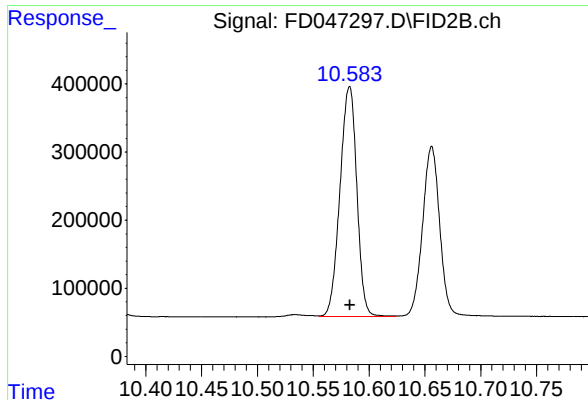
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: -0.003 min
Response: 3770182
Conc: 22.87 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.194 min
Delta R.T.: -0.002 min
Response: 3677989
Conc: 23.20 ug/ml



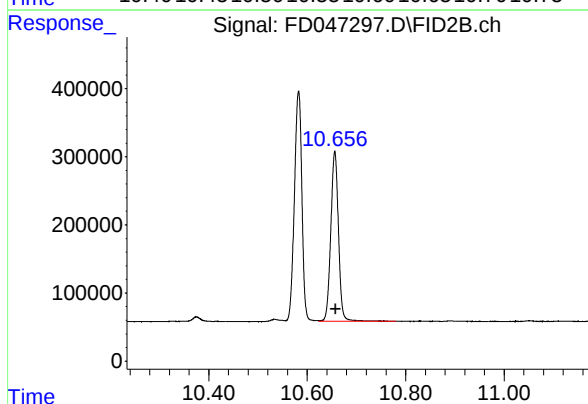
#9 Phenanthrene (C19.36)

R.T.: 10.582 min
Delta R.T.: 0.000 min
Response: 3550813
Conc: 22.86 ug/ml

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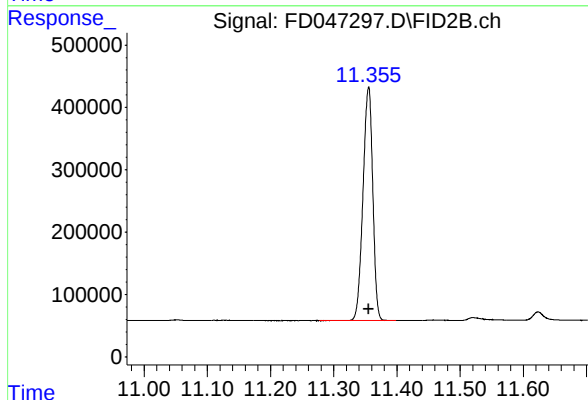
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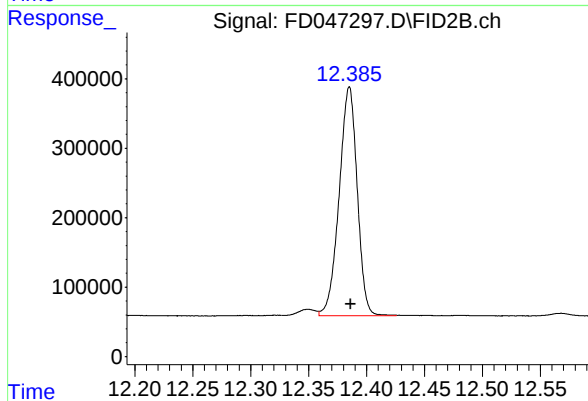
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: -0.002 min
Response: 2694801
Conc: 18.27 ug/ml



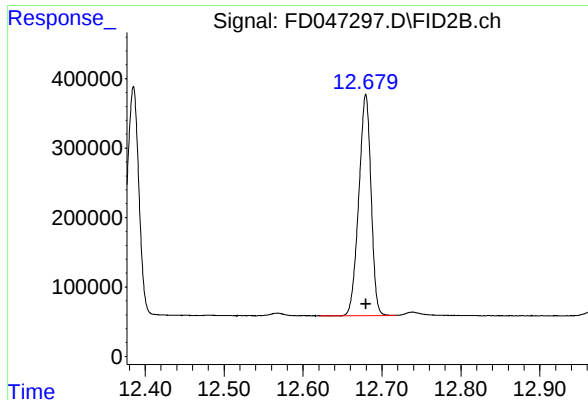
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 4029311
Conc: 22.85 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.385 min
Delta R.T.: -0.001 min
Response: 3572476
Conc: 23.07 ug/ml m



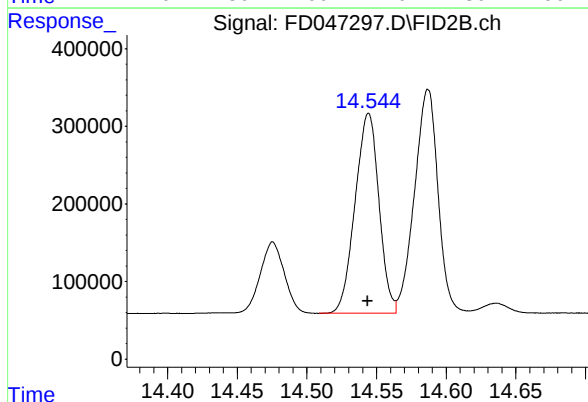
#13 Pyrene (C20.8)

R.T.: 12.679 min
Delta R.T.: 0.000 min
Response: 3439405
Conc: 22.86 ug/ml

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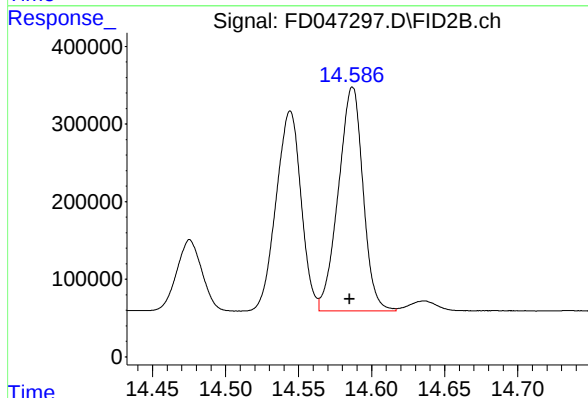
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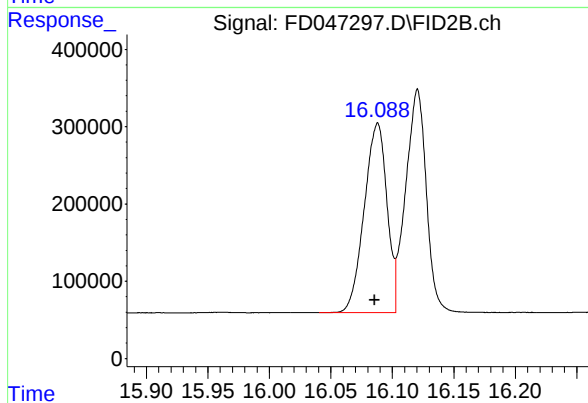
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.000 min
Response: 3069473
Conc: 22.83 ug/ml



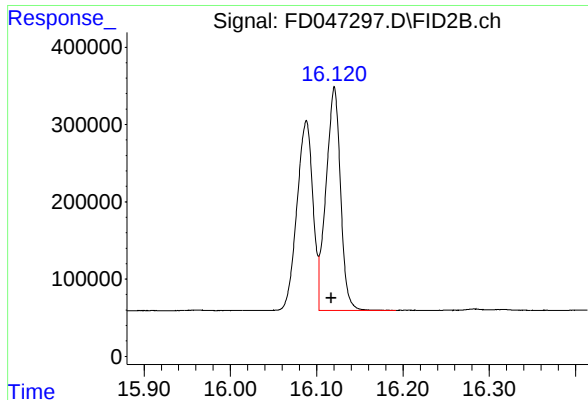
#15 Chrysene (C27.41)

R.T.: 14.587 min
Delta R.T.: 0.002 min
Response: 3395122
Conc: 23.19 ug/ml



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

R.T.: 16.088 min
Delta R.T.: 0.002 min
Response: 3154791
Conc: 22.91 ug/ml



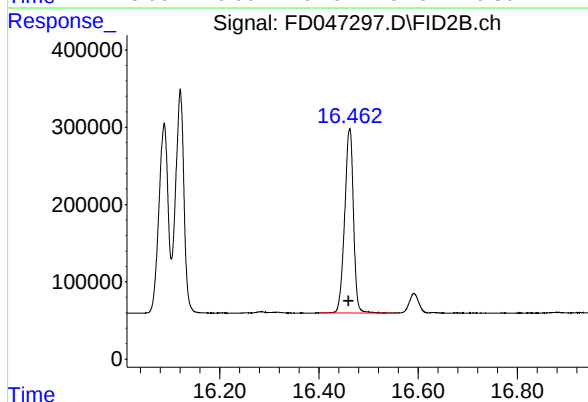
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.120 min
Delta R.T.: 0.004 min
Response: 3373959
Conc: 24.32 ug/ml

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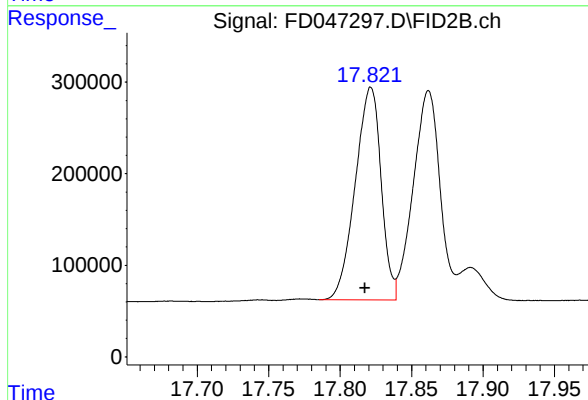
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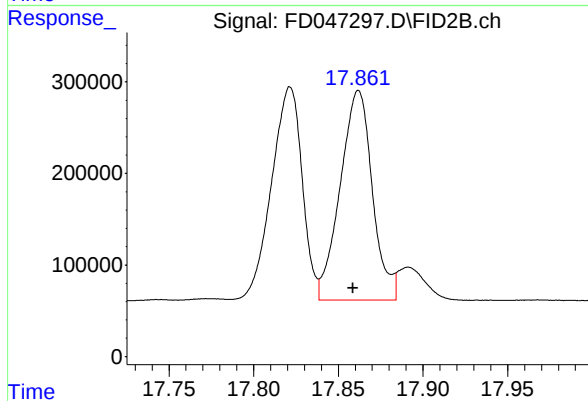
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: 0.002 min
Response: 2936361
Conc: 21.69 ug/ml



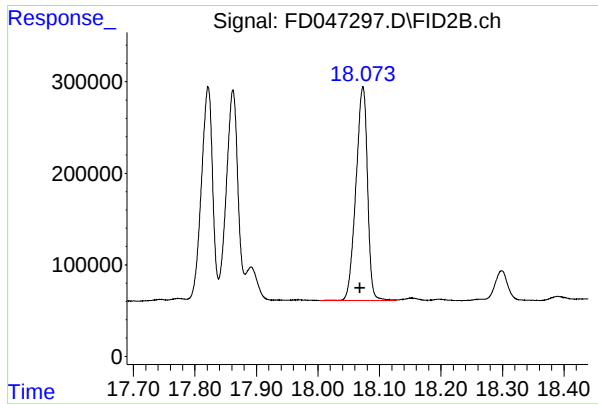
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: 0.004 min
Response: 2923051
Conc: 23.15 ug/ml



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

R.T.: 17.861 min
Delta R.T.: 0.003 min
Response: 3027061
Conc: 22.72 ug/ml m



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

R.T.: 18.073 min
Delta R.T.: 0.004 min
Response: 3049945
Conc: 23.00 ug/ml

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