

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090524AR\
 Data File : FD048272.D
 Signal(s) : FID2B.ch
 Acq On : 05 Sep 2024 11:18
 Operator : YP/AJ
 Sample : PB163154BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB163154BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/06/2024
 Supervised By :Ankita Jodhani 09/09/2024

Integration File: autoint1.e
 Quant Time: Sep 06 05:09:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:16:10 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...	7.393	7748499	51.913 ug/ml
Spiked Amount 50.000		Recovery =	103.83%
6) S 2-Fluorobiphenyl (SURR)	8.242	3253759	33.993 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	67.99%
11) S ortho-Terphenyl (SURR)	11.281	8161803	48.454 ug/ml
Spiked Amount 50.000		Recovery =	96.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.211	3988245	23.397 ug/mlm
2) T Naphthalene (C11.7)	5.731	5749829	32.997 ug/ml
3) T 2-Methylnaphthalene (...)	6.779	6238326	35.872 ug/ml
5) T Acenaphthylene (C15.06)	8.047	7682832	44.621 ug/ml
7) T Acenaphthene (C15.5)	8.341	7052367	40.729 ug/ml
8) T Fluorene (C16.55)	9.121	7917937	48.014 ug/ml
9) T Phenanthrene (C19.36)	10.508	7871201	49.181 ug/ml
10) T Anthracene (C19.43)	10.583	7733431	49.301 ug/ml
12) T Fluoranthene (C21.85)	12.313	8991663	56.475 ug/ml
13) T Pyrene (C20.8)	12.607	8119688	51.738 ug/ml
14) T Benzo[a]anthracene (C...	14.475	7456271	52.932 ug/ml
15) T Chrysene (C27.41)	14.517	7433792	46.636 ug/ml
16) T benzo[b]fluoranthene ...	16.022	7586918	51.101 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.056	7292542	49.158 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.397	7305537	49.606 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.762	7176407	58.709 ug/ml
20) T Dibenz[a,h]anthracene...	17.799	7054515	46.180 ug/ml
21) T Benzo[g,h,i]perylene ...	18.014	6947221	46.005 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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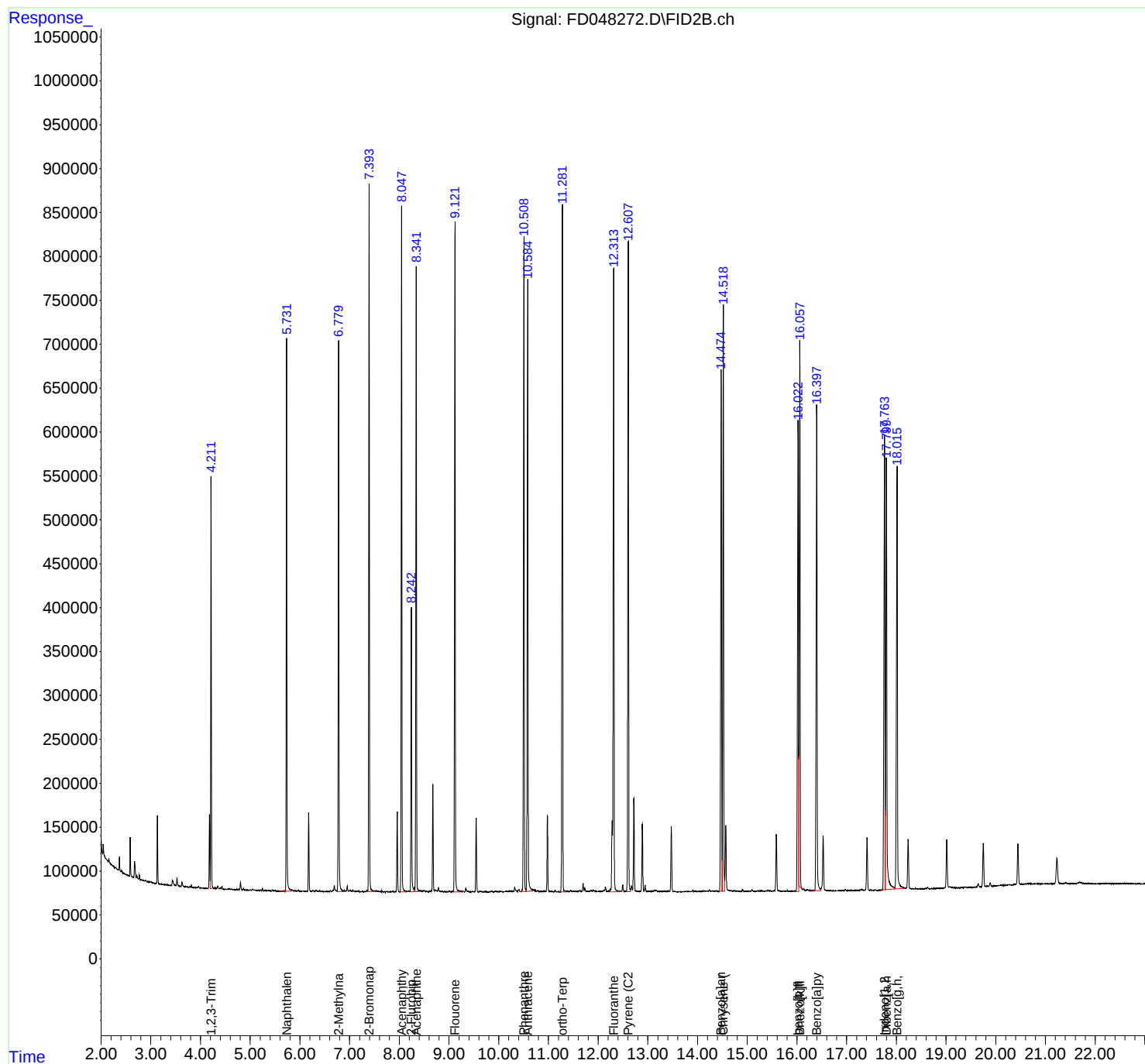
Instrument :
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PB163154BSD

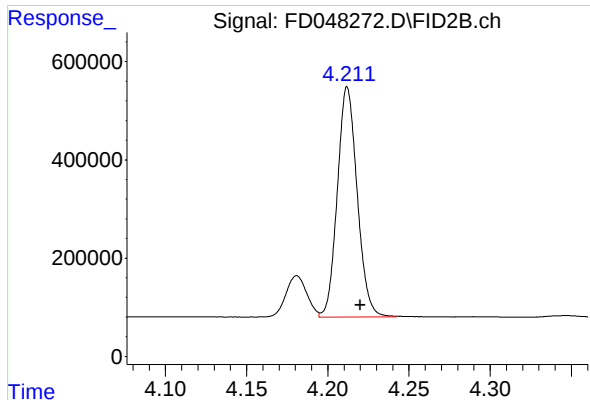
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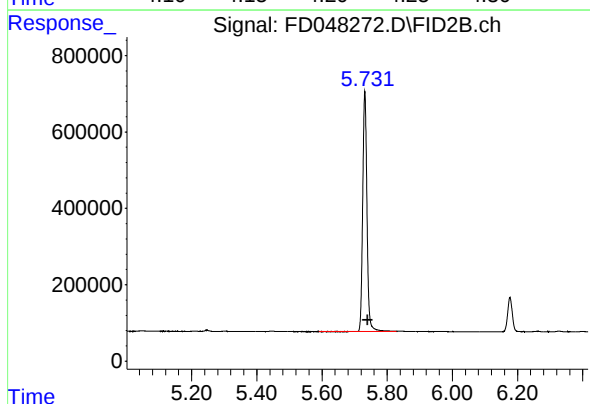
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.211 min
Delta R.T.: -0.009 min
Response: 3988245
Conc: 23.40 ug/ml

Instrument :
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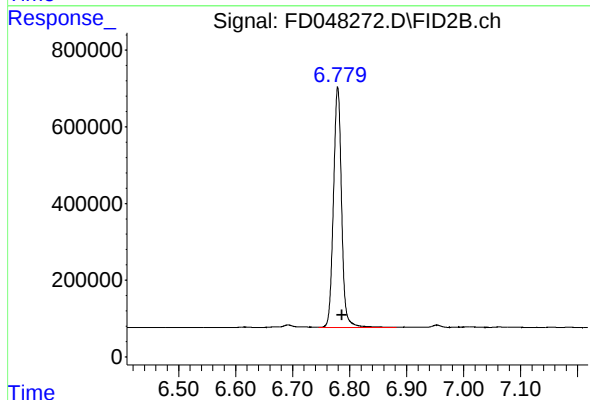
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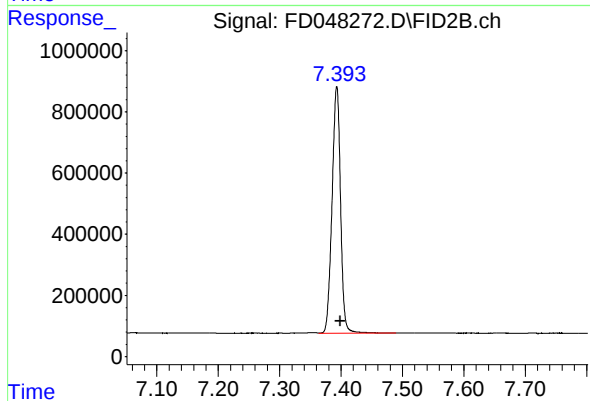
#2 Naphthalene (C11.7)

R.T.: 5.731 min
Delta R.T.: -0.009 min
Response: 5749829
Conc: 33.00 ug/ml



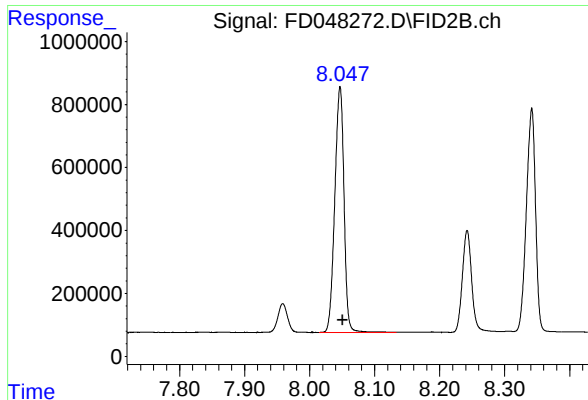
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.779 min
Delta R.T.: -0.008 min
Response: 6238326
Conc: 35.87 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.393 min
Delta R.T.: -0.006 min
Response: 7748499
Conc: 51.91 ug/ml



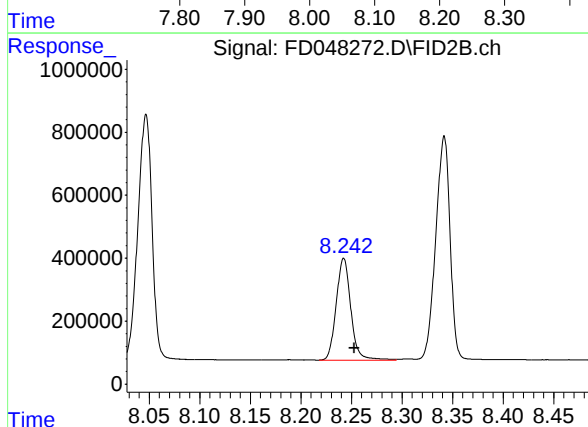
#5 Acenaphthylene (C15.06)

R.T.: 8.047 min
Delta R.T.: -0.005 min
Response: 7682832
Conc: 44.62 ug/ml

Instrument :
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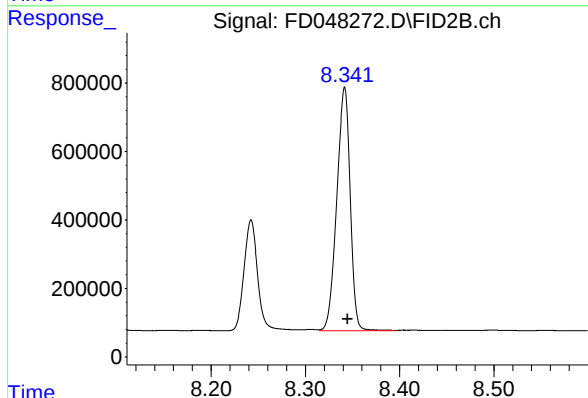
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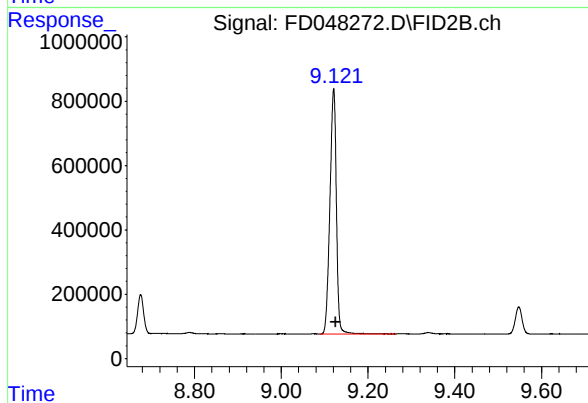
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.242 min
Delta R.T.: -0.010 min
Response: 3253759
Conc: 33.99 ug/ml



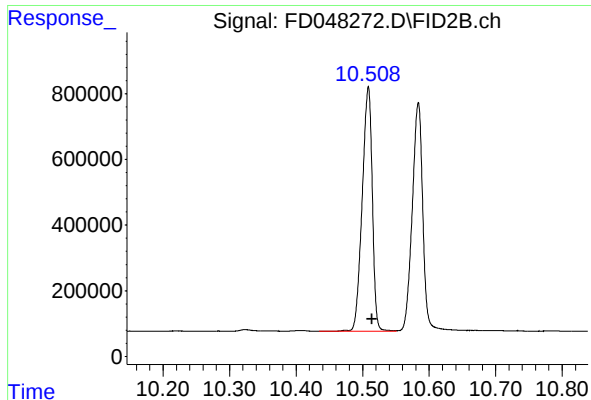
#7 Acenaphthene (C15.5)

R.T.: 8.341 min
Delta R.T.: -0.003 min
Response: 7052367
Conc: 40.73 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.121 min
Delta R.T.: -0.005 min
Response: 7917937
Conc: 48.01 ug/ml



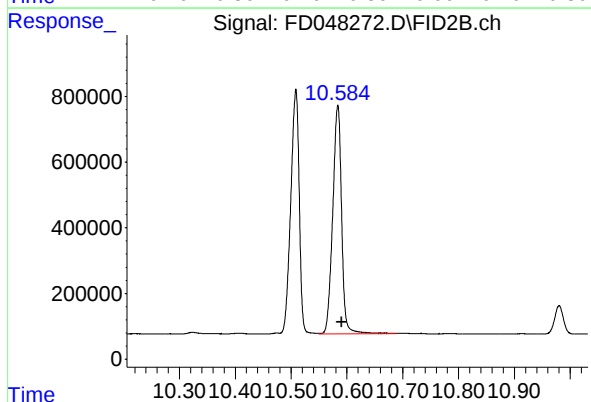
#9 Phenanthrene (C19.36)

R.T.: 10.508 min
Delta R.T.: -0.006 min
Response: 7871201
Conc: 49.18 ug/ml

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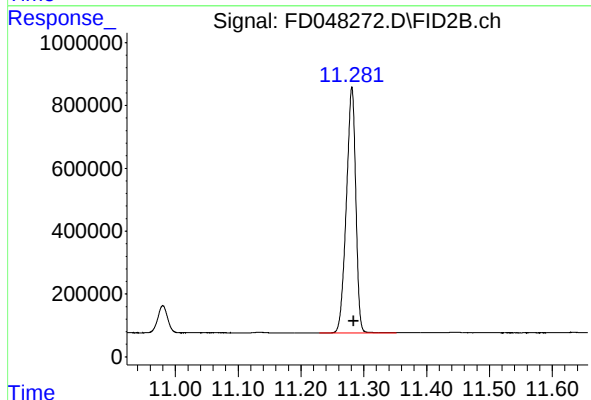
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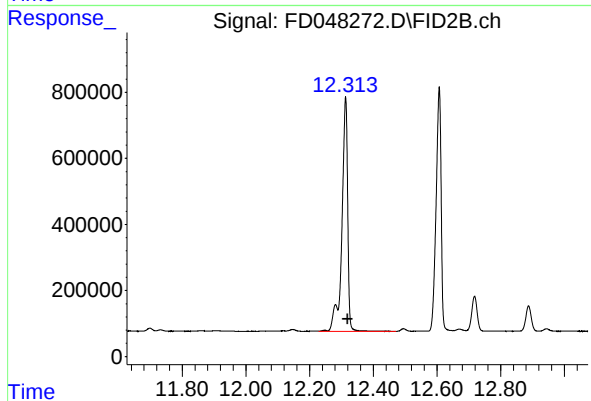
#10 Anthracene (C19.43)

R.T.: 10.583 min
Delta R.T.: -0.007 min
Response: 7733431
Conc: 49.30 ug/ml



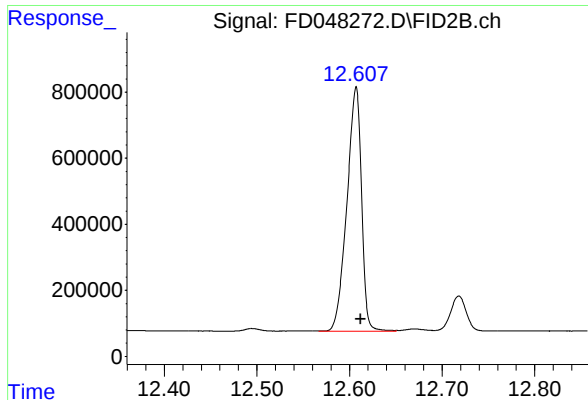
#11 ortho-Terphenyl (SURR)

R.T.: 11.281 min
Delta R.T.: -0.003 min
Response: 8161803
Conc: 48.45 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.313 min
Delta R.T.: -0.006 min
Response: 8991663
Conc: 56.48 ug/ml



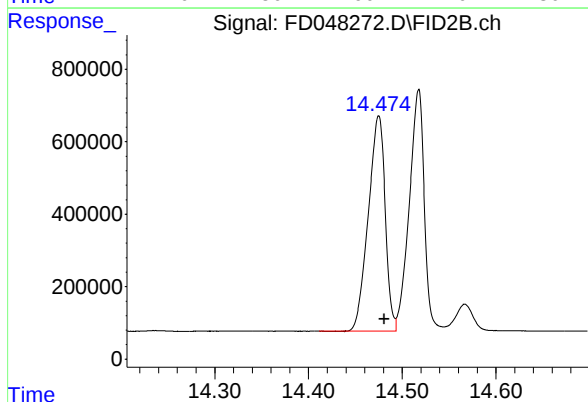
#13 Pyrene (C20.8)

R.T.: 12.607 min
Delta R.T.: -0.005 min
Response: 8119688
Conc: 51.74 ug/ml

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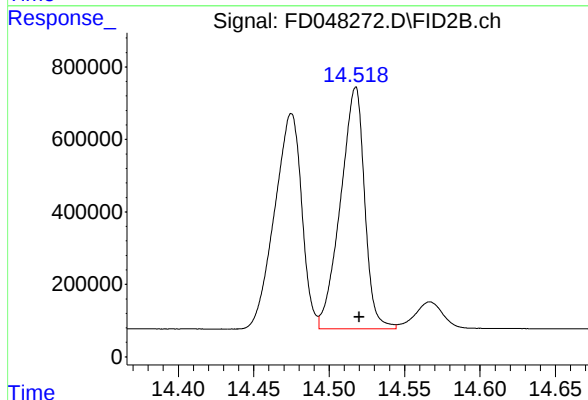
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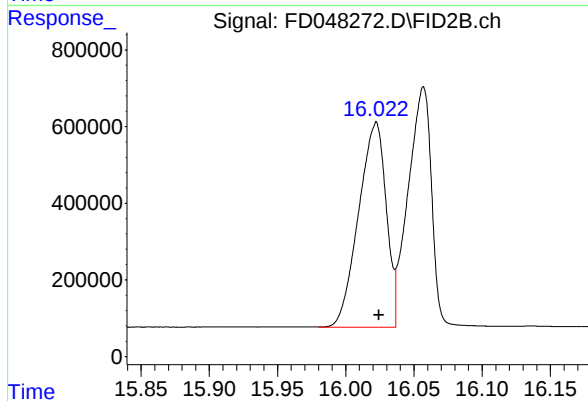
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.475 min
Delta R.T.: -0.006 min
Response: 7456271
Conc: 52.93 ug/ml



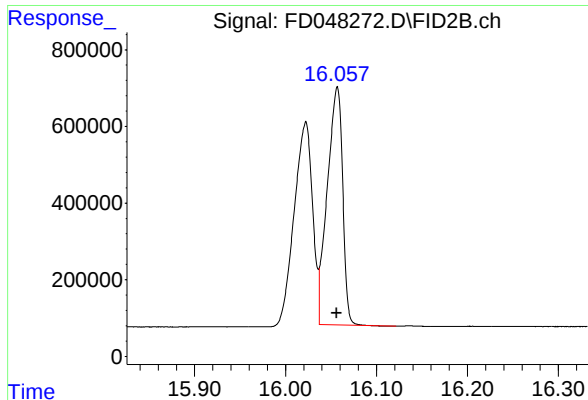
#15 Chrysene (C27.41)

R.T.: 14.517 min
Delta R.T.: -0.003 min
Response: 7433792
Conc: 46.64 ug/ml



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

R.T.: 16.022 min
Delta R.T.: -0.002 min
Response: 7586918
Conc: 51.10 ug/ml m



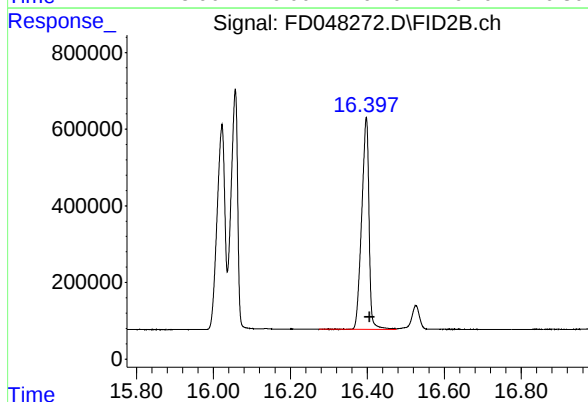
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.056 min
Delta R.T.: 0.000 min
Response: 7292542
Conc: 49.16 ug/ml

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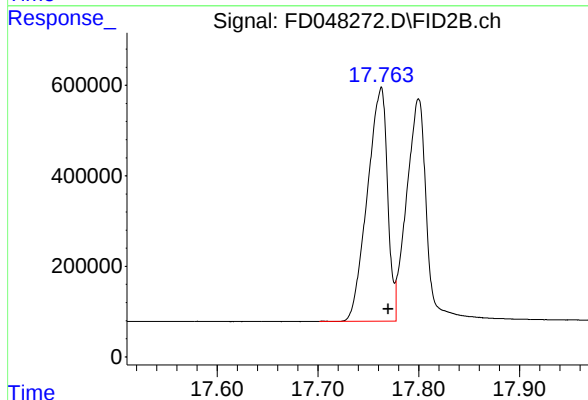
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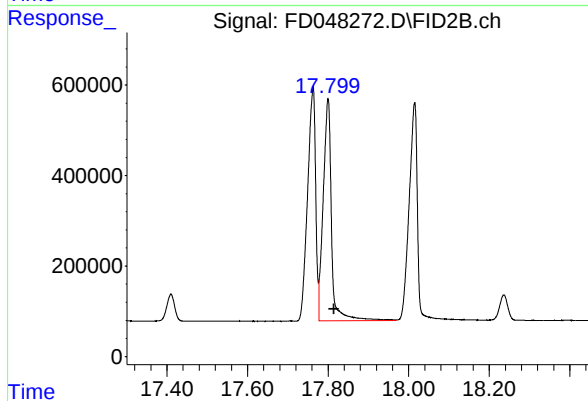
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.397 min
Delta R.T.: -0.009 min
Response: 7305537
Conc: 49.61 ug/ml



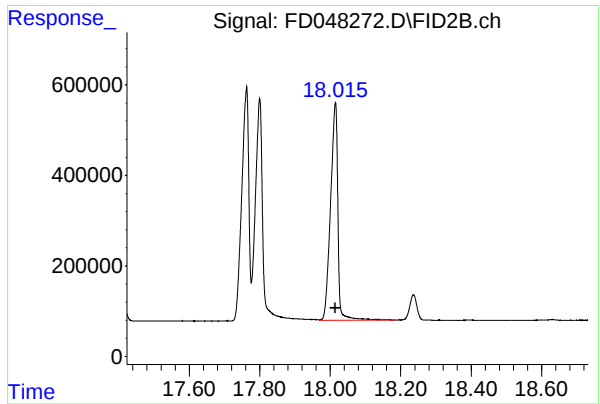
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.762 min
Delta R.T.: -0.008 min
Response: 7176407
Conc: 58.71 ug/ml



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

R.T.: 17.799 min
Delta R.T.: -0.015 min
Response: 7054515
Conc: 46.18 ug/ml



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

R.T.: 18.014 min
Delta R.T.: 0.000 min
Response: 6947221
Conc: 46.00 ug/ml

Instrument :

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