

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071724AR\
 Data File : FD048043.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jul 2024 15:34
 Operator : YP/AJ
 Sample : P3245-28MS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-CTW2-BL-EPH-28MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2024
 Supervised By :Ankita Jodhani 07/19/2024

Integration File: autoint1.e
 Quant Time: Jul 18 03:41:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.411	9209674	61.966 ug/ml
Spiked Amount 50.000		Recovery =	123.93%
6) S 2-Fluorobiphenyl (SURR)	8.262	6108014	64.539 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	129.08%
11) S ortho-Terphenyl (SURR)	11.301	7767238	46.422 ug/ml
Spiked Amount 50.000		Recovery =	92.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.229	6197212	37.009 ug/ml
2) T Naphthalene (C11.7)	5.749	7638038	44.198 ug/ml
3) T 2-Methylnaphthalene (...)	6.797	8403804	48.445 ug/ml
5) T Acenaphthylene (C15.06)	8.065	8872126	51.771 ug/ml
7) T Acenaphthene (C15.5)	8.361	8881963	51.200 ug/ml
8) T Flouorene (C16.55)	9.140	9052071	55.732 ug/mlm
9) T Phenanthrene (C19.36)	10.529	9293522	58.518 ug/ml
10) T Anthracene (C19.43)	10.604	9246877	58.562 ug/ml
12) T Fluoranthene (C21.85)	12.335	9408618	59.423 ug/ml
13) T Pyrene (C20.8)	12.629	9456032	59.800 ug/ml
14) T Benzo[a]anthracene (C...	14.499	8751214	64.098 ug/ml
15) T Chrysene (C27.41)	14.543	8730613	54.159 ug/ml
16) T benzo[b]fluoranthene ...	16.047	8548769	59.393 ug/ml
17) T Bnezo[k]fluoranthene ...	16.083	8460416	56.646 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.424	7992800	56.432 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.790	8770600	77.763 ug/ml
20) T Dibenz[a,h]anthracene...	17.829	7867896	54.136 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.043	7750405	52.592 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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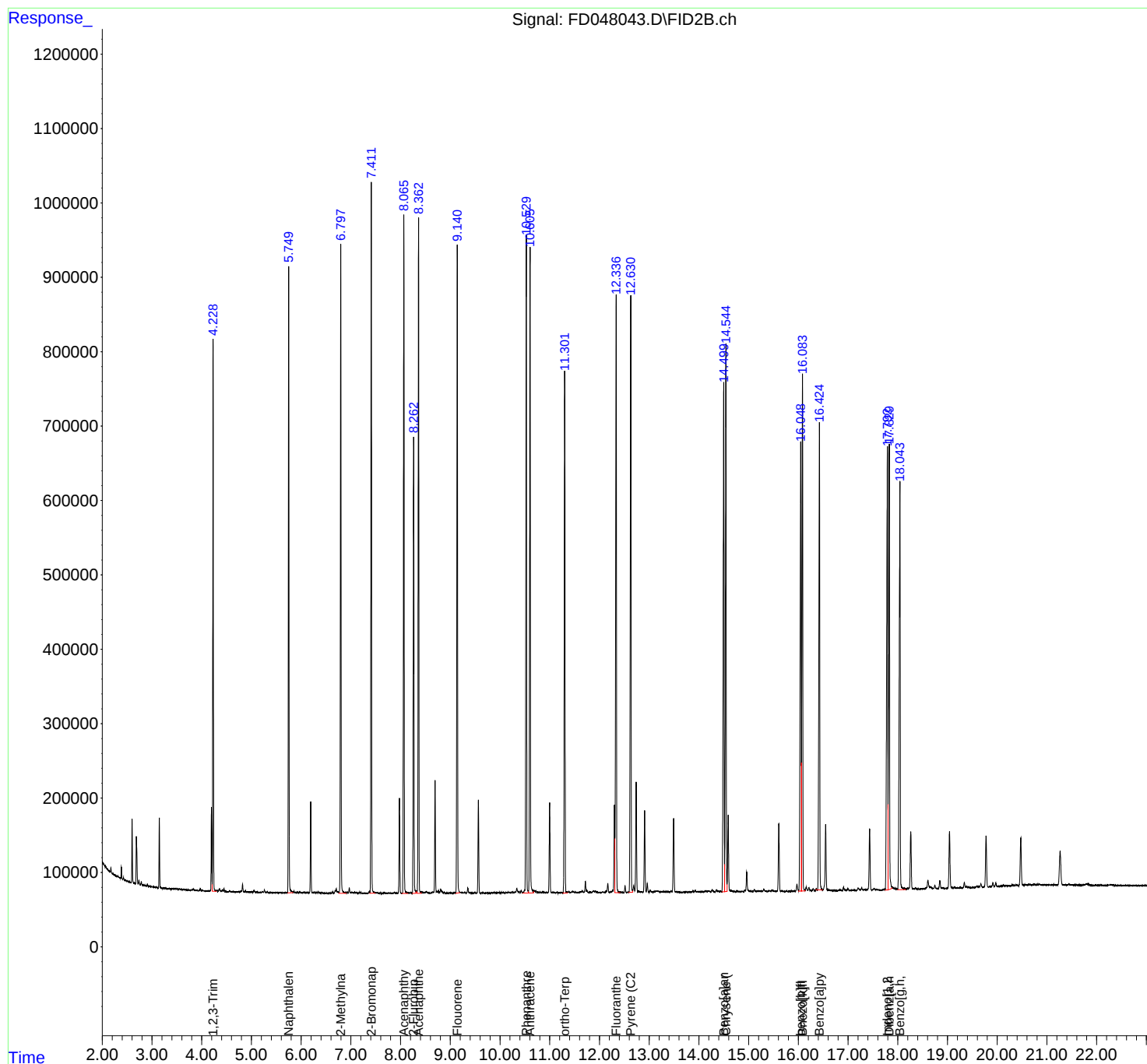
Instrument :
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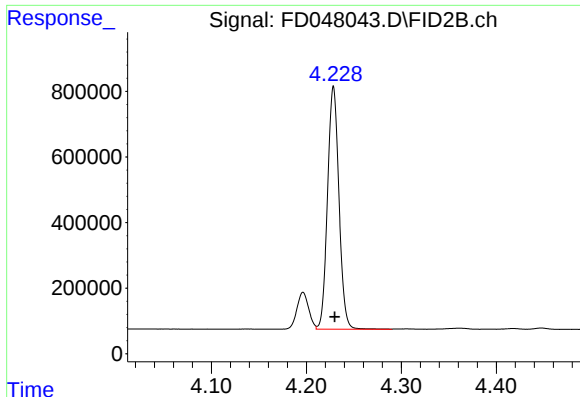
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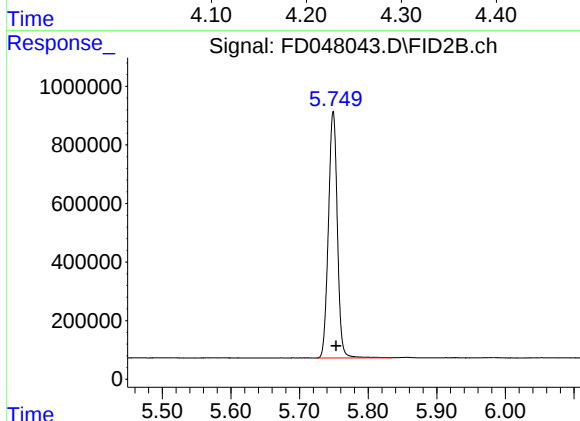
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.229 min
Delta R.T.: -0.001 min
Response: 6197212
Conc: 37.01 ug/ml

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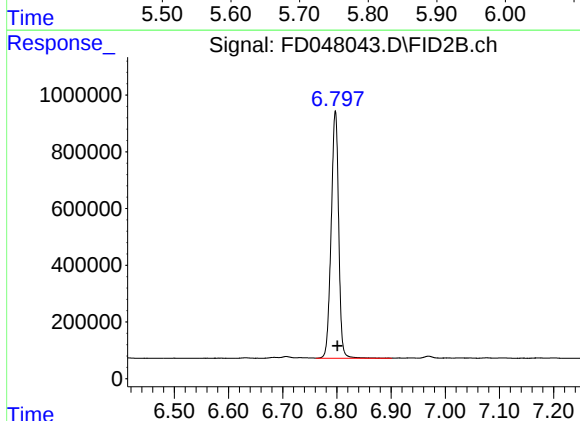
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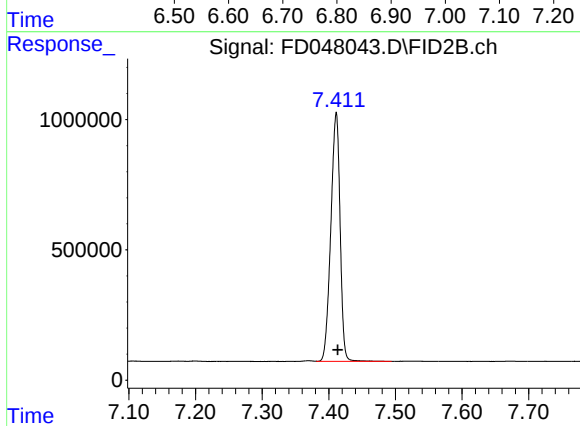
#2 Naphthalene (C11.7)

R.T.: 5.749 min
Delta R.T.: -0.004 min
Response: 7638038
Conc: 44.20 ug/ml



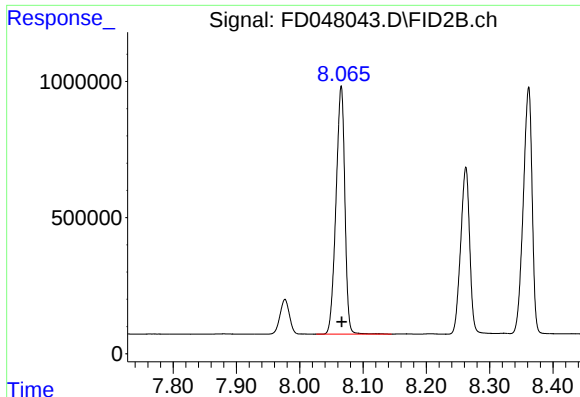
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.797 min
Delta R.T.: -0.004 min
Response: 8403804
Conc: 48.44 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.411 min
Delta R.T.: -0.003 min
Response: 9209674
Conc: 61.97 ug/ml



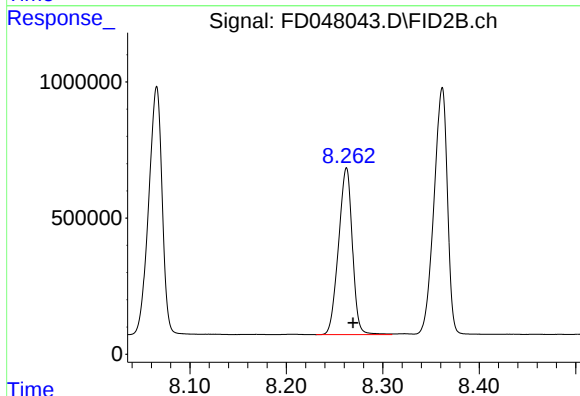
#5 Acenaphthylene (C15.06)

R.T.: 8.065 min
Delta R.T.: -0.001 min
Response: 8872126
Conc: 51.77 ug/ml

Instrument :
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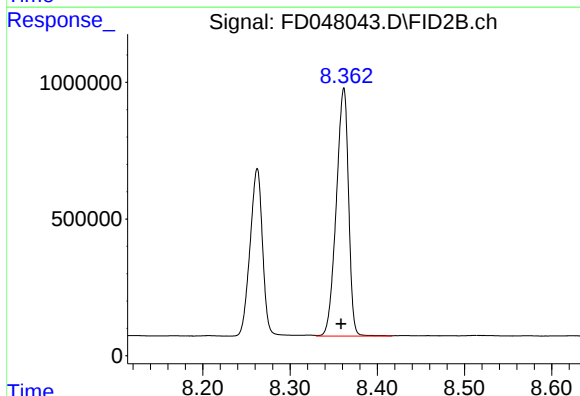
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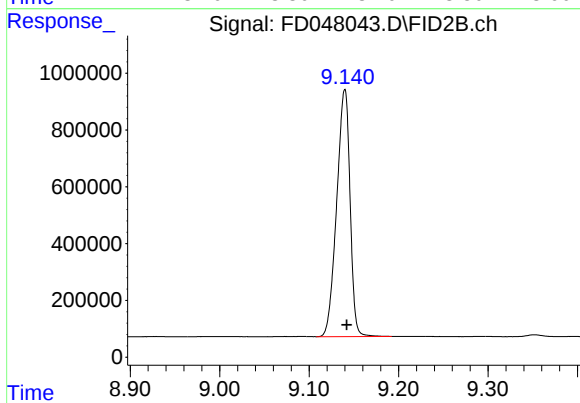
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.262 min
Delta R.T.: -0.007 min
Response: 6108014
Conc: 64.54 ug/ml



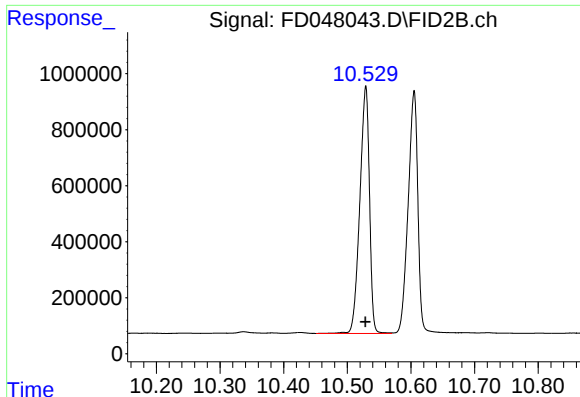
#7 Acenaphthene (C15.5)

R.T.: 8.361 min
Delta R.T.: 0.003 min
Response: 8881963
Conc: 51.20 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.140 min
Delta R.T.: -0.002 min
Response: 9052071
Conc: 55.73 ug/ml m



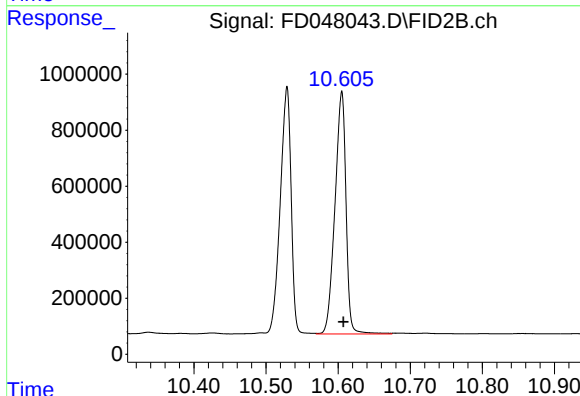
#9 Phenanthrene (C19.36)

R.T.: 10.529 min
Delta R.T.: 0.000 min
Response: 9293522
Conc: 58.52 ug/ml

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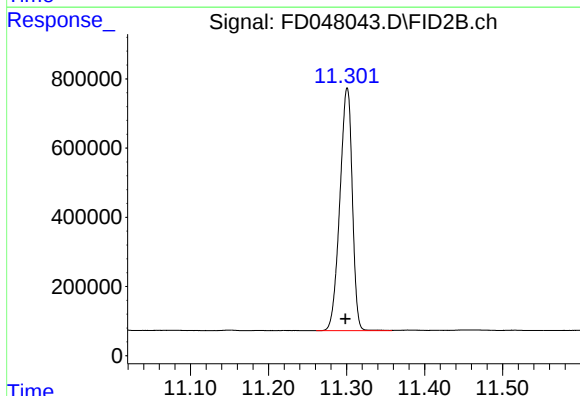
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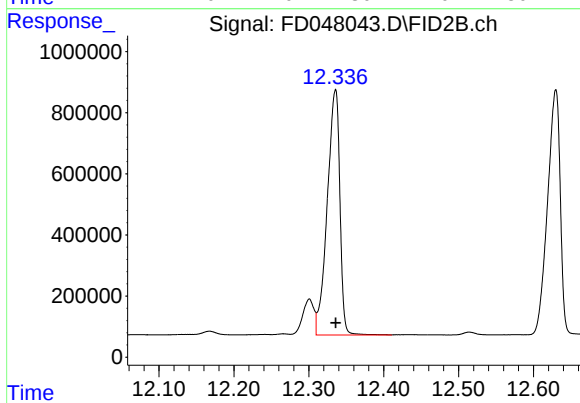
#10 Anthracene (C19.43)

R.T.: 10.604 min
Delta R.T.: -0.003 min
Response: 9246877
Conc: 58.56 ug/ml



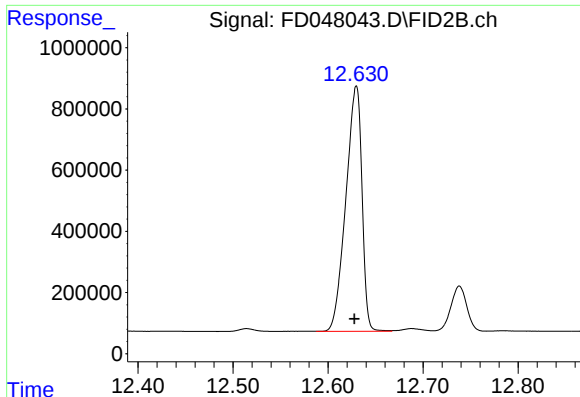
#11 ortho-Terphenyl (SURR)

R.T.: 11.301 min
Delta R.T.: 0.002 min
Response: 7767238
Conc: 46.42 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.335 min
Delta R.T.: -0.001 min
Response: 9408618
Conc: 59.42 ug/ml



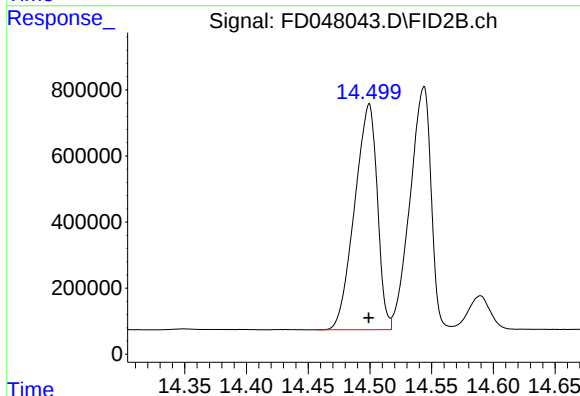
#13 Pyrene (C20.8)

R.T.: 12.629 min
Delta R.T.: 0.002 min
Response: 9456032
Conc: 59.80 ug/ml

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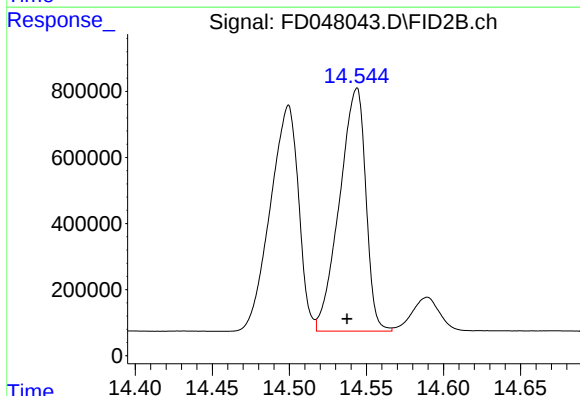
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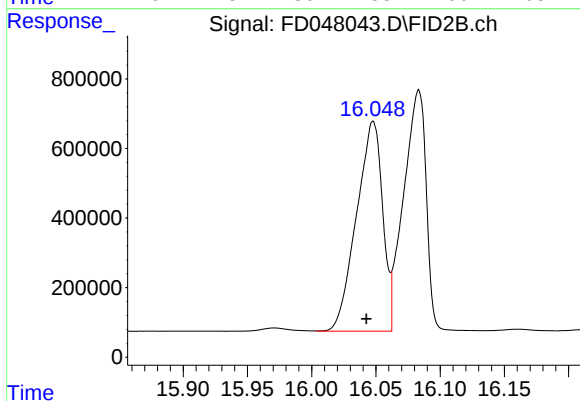
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.499 min
Delta R.T.: 0.000 min
Response: 8751214
Conc: 64.10 ug/ml



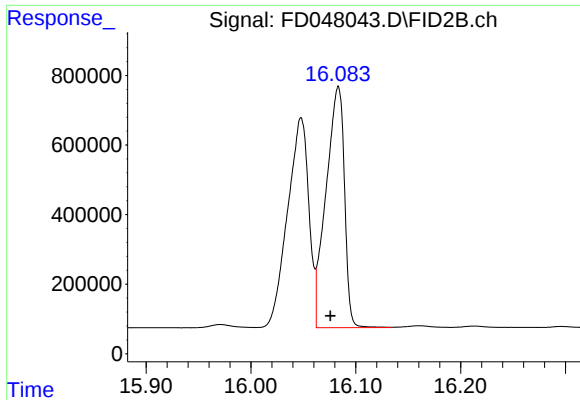
#15 Chrysene (C27.41)

R.T.: 14.543 min
Delta R.T.: 0.006 min
Response: 8730613
Conc: 54.16 ug/ml



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

R.T.: 16.047 min
Delta R.T.: 0.005 min
Response: 8548769
Conc: 59.39 ug/ml



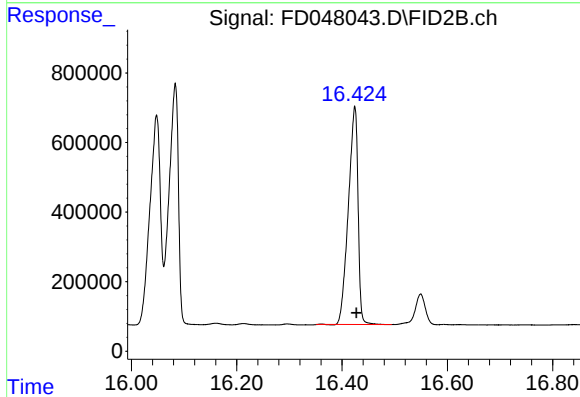
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.083 min
Delta R.T.: 0.007 min
Response: 8460416
Conc: 56.65 ug/ml

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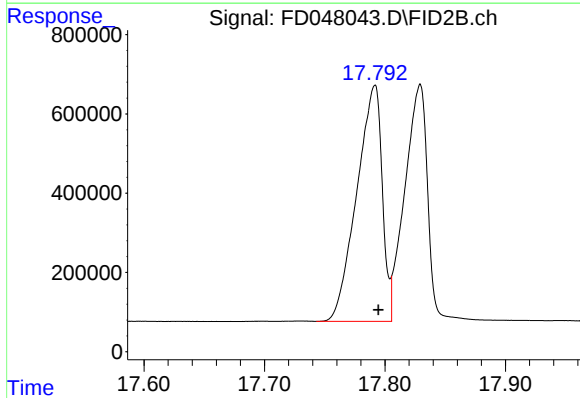
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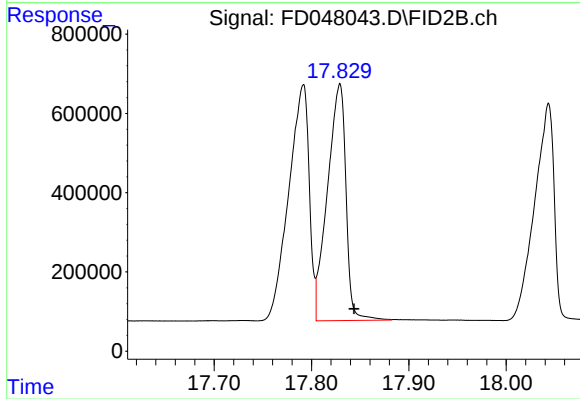
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.424 min
Delta R.T.: -0.004 min
Response: 7992800
Conc: 56.43 ug/ml



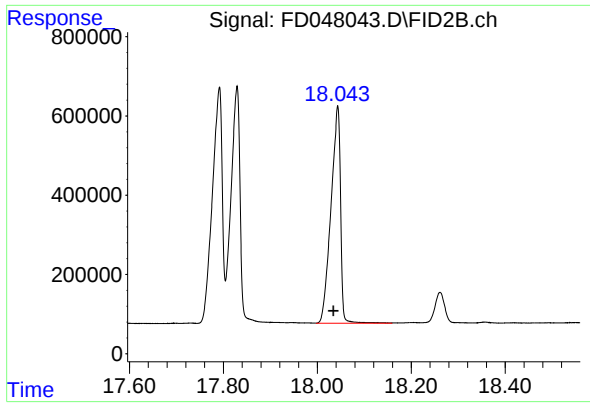
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.790 min
Delta R.T.: -0.004 min
Response: 8770600
Conc: 77.76 ug/ml



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

R.T.: 17.829 min
Delta R.T.: -0.015 min
Response: 7867896
Conc: 54.14 ug/ml m



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

R.T.: 18.043 min
Delta R.T.: 0.008 min
Response: 7750405
Conc: 52.59 ug/ml

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