

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047718.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 12:00
 Operator : YP/AJ
 Sample : P2430-05MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 1011UMR-SS003-1224-01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 13 02:05:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.464	8172338	52.110 ug/ml
Spiked Amount 50.000		Recovery =	104.22%
6) S 2-Fluorobiphenyl (SURR)	8.318	5096896	48.726 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.45%
11) S ortho-Terphenyl (SURR)	11.356	4895146	26.103 ug/ml
Spiked Amount 50.000		Recovery =	52.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	6222380	38.486 ug/ml
2) T Naphthalene (C11.7)	5.801	7542293	44.575 ug/ml
3) T 2-Methylnaphthalene (...)	6.851	7987044	46.888 ug/ml
5) T Acenaphthylene (C15.06)	8.122	8462071	51.888 ug/ml
7) T Acenaphthene (C15.5)	8.418	8284355	49.284 ug/ml
8) T Flouorene (C16.55)	9.197	8487572	51.024 ug/ml
9) T Phenanthrene (C19.36)	10.588	8432607	51.507 ug/ml
10) T Anthracene (C19.43)	10.664	8287925	55.332 ug/ml
12) T Fluoranthene (C21.85)	12.396	8182916	49.314 ug/ml
13) T Pyrene (C20.8)	12.691	8239680	50.640 ug/ml
14) T Benzo[a]anthracene (C...	14.561	7465099	51.140 ug/ml
15) T Chrysene (C27.41)	14.605	7391106	46.902 ug/ml
16) T benzo[b]fluoranthene ...	16.110	7080866	47.409 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	6933740	46.056 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.487	6648794	46.079 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.854	6741659	49.674 ug/ml
20) T Dibenz[a,h]anthracene...	17.893	6421314	44.849 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.107	5899855	42.971 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 65 Sample Multiplier: 1

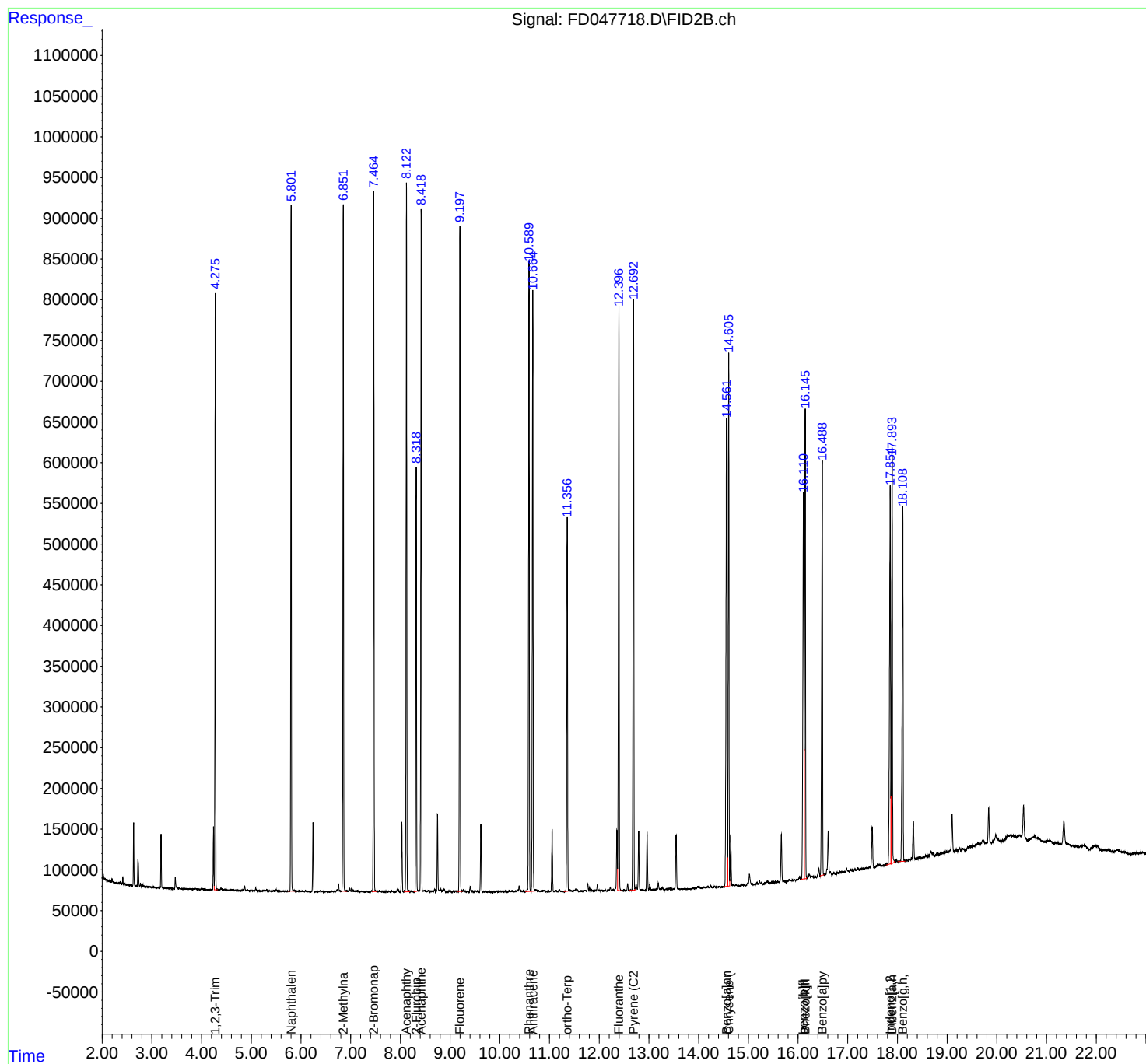
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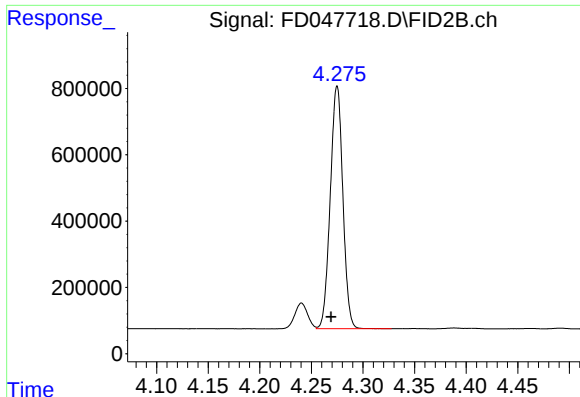
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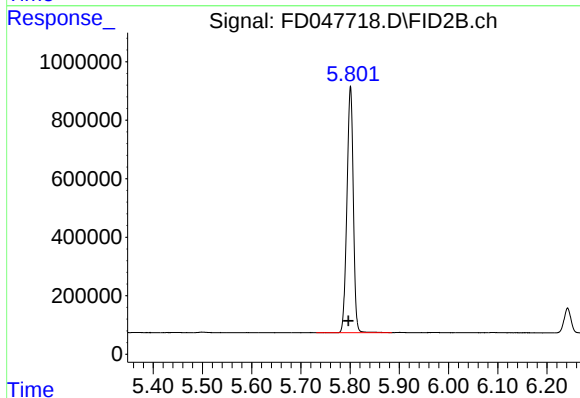
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.275 min
Delta R.T.: 0.006 min
Response: 6222380
Conc: 38.49 ug/ml

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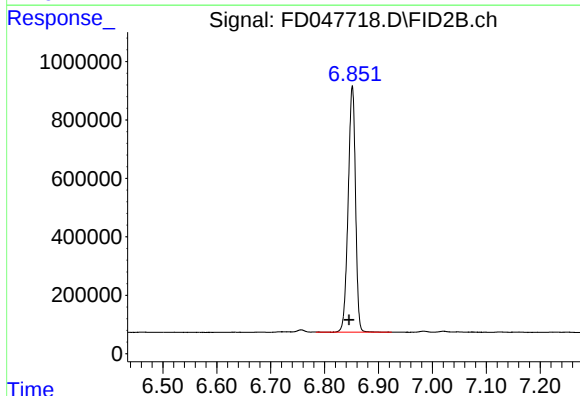
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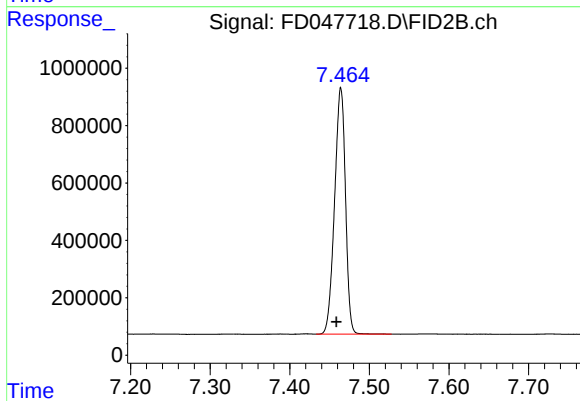
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.004 min
Response: 7542293
Conc: 44.57 ug/ml



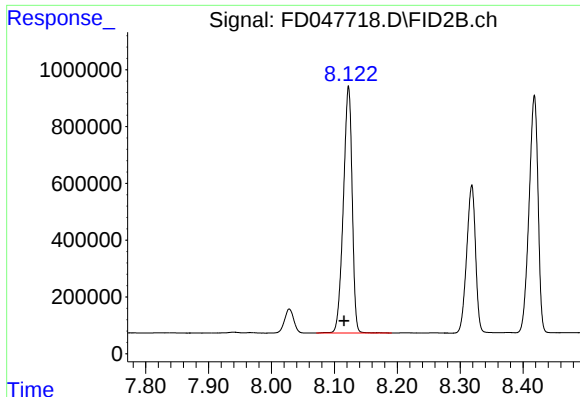
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.851 min
Delta R.T.: 0.006 min
Response: 7987044
Conc: 46.89 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.464 min
Delta R.T.: 0.005 min
Response: 8172338
Conc: 52.11 ug/ml



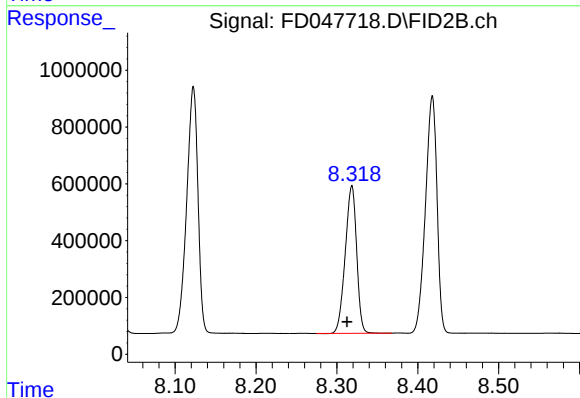
#5 Acenaphthylene (C15.06)

R.T.: 8.122 min
Delta R.T.: 0.007 min
Response: 8462071
Conc: 51.89 ug/ml

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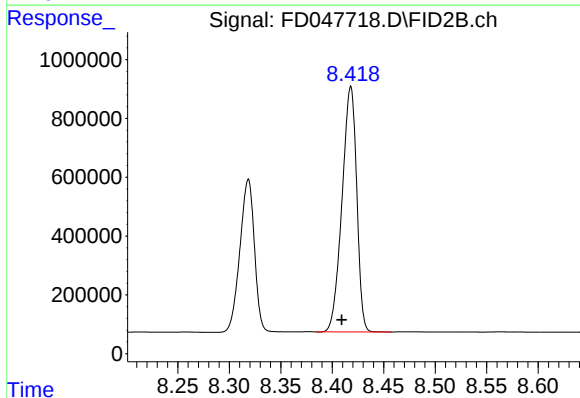
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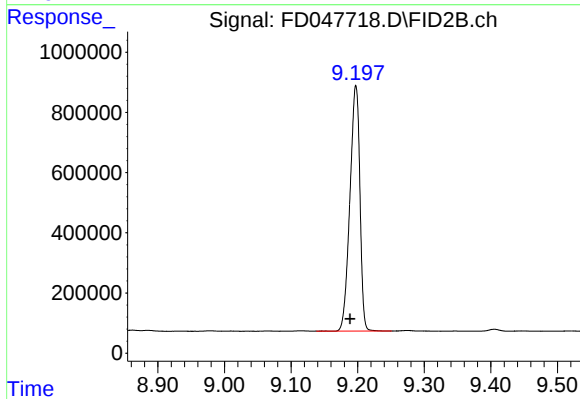
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.318 min
Delta R.T.: 0.006 min
Response: 5096896
Conc: 48.73 ug/ml



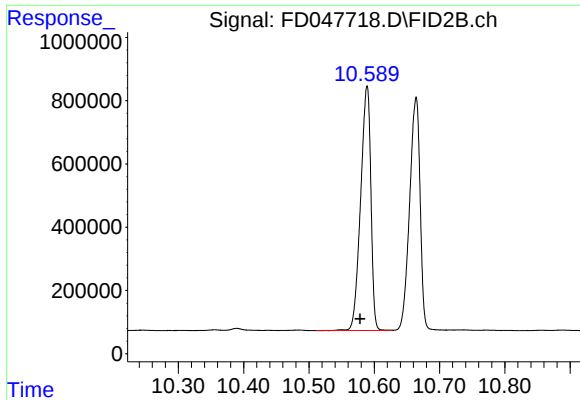
#7 Acenaphthene (C15.5)

R.T.: 8.418 min
Delta R.T.: 0.008 min
Response: 8284355
Conc: 49.28 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.197 min
Delta R.T.: 0.008 min
Response: 8487572
Conc: 51.02 ug/ml



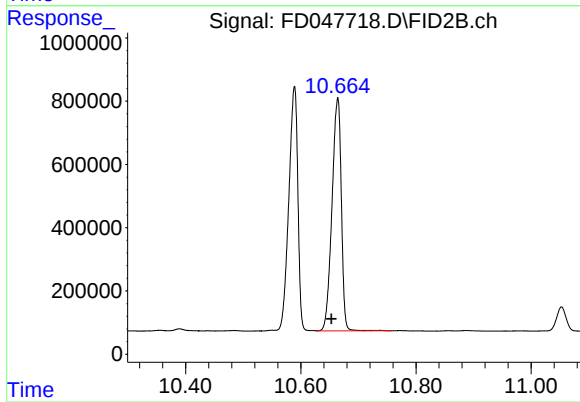
#9 Phenanthrene (C19.36)

R.T.: 10.588 min
Delta R.T.: 0.010 min
Response: 8432607
Conc: 51.51 ug/ml

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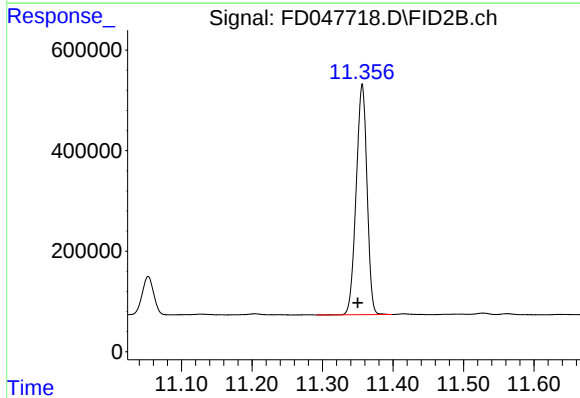
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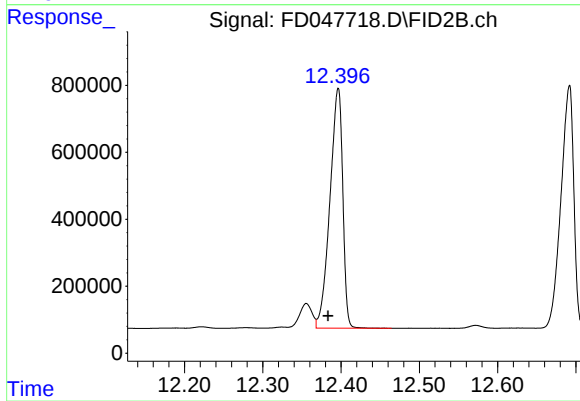
#10 Anthracene (C19.43)

R.T.: 10.664 min
Delta R.T.: 0.010 min
Response: 8287925
Conc: 55.33 ug/ml



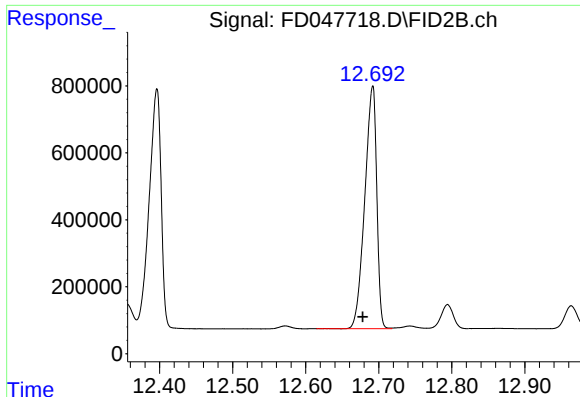
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.006 min
Response: 4895146
Conc: 26.10 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.396 min
Delta R.T.: 0.012 min
Response: 8182916
Conc: 49.31 ug/ml



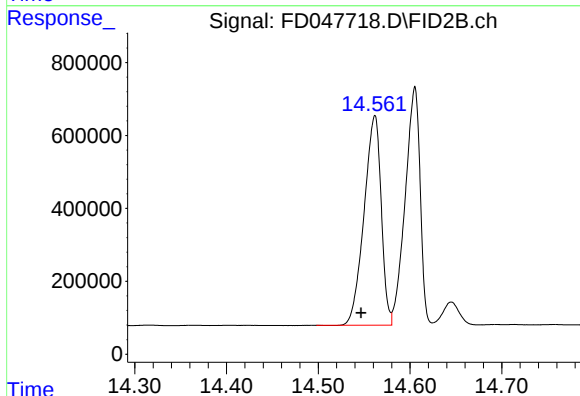
#13 Pyrene (C20.8)

R.T.: 12.691 min
Delta R.T.: 0.013 min
Response: 8239680
Conc: 50.64 ug/ml

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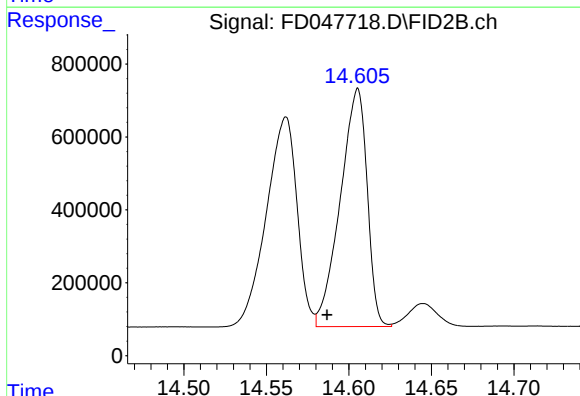
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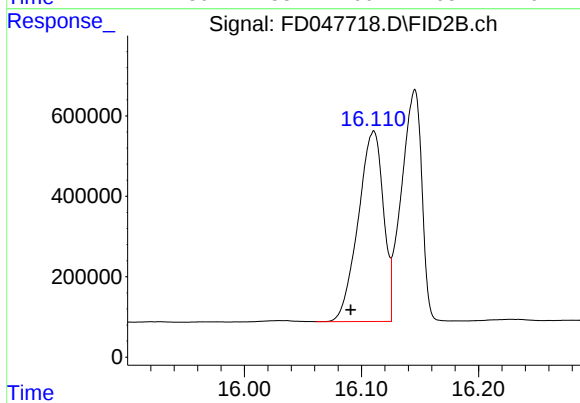
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.561 min
Delta R.T.: 0.015 min
Response: 7465099
Conc: 51.14 ug/ml



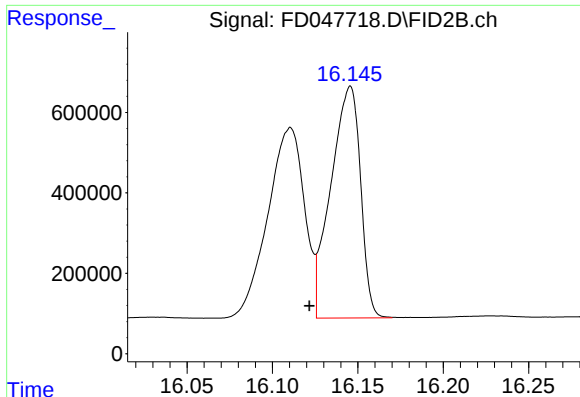
#15 Chrysene (C27.41)

R.T.: 14.605 min
Delta R.T.: 0.018 min
Response: 7391106
Conc: 46.90 ug/ml



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

R.T.: 16.110 min
Delta R.T.: 0.019 min
Response: 7080866
Conc: 47.41 ug/ml



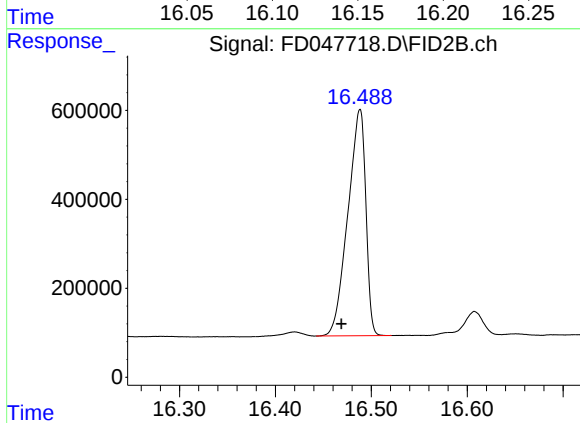
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.145 min
Delta R.T.: 0.024 min
Response: 6933740
Conc: 46.06 ug/ml

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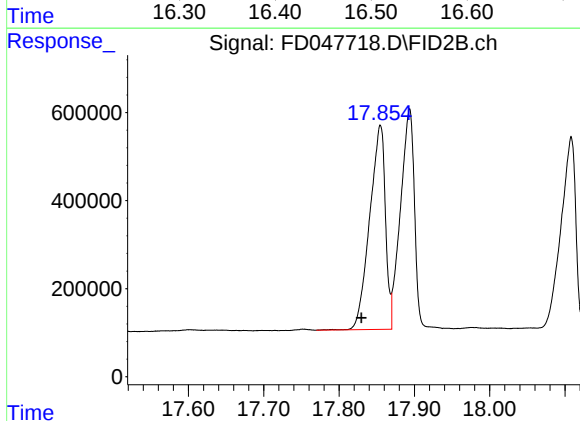
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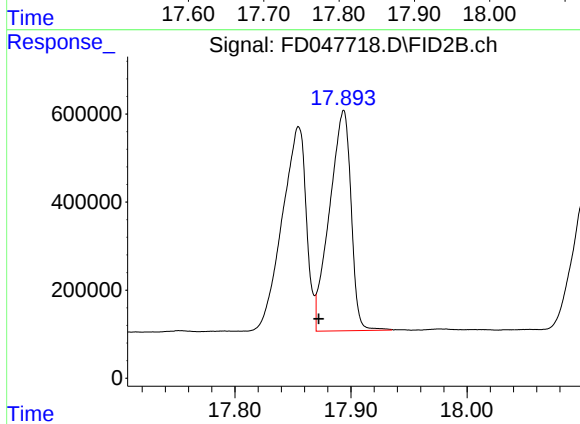
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.487 min
Delta R.T.: 0.018 min
Response: 6648794
Conc: 46.08 ug/ml



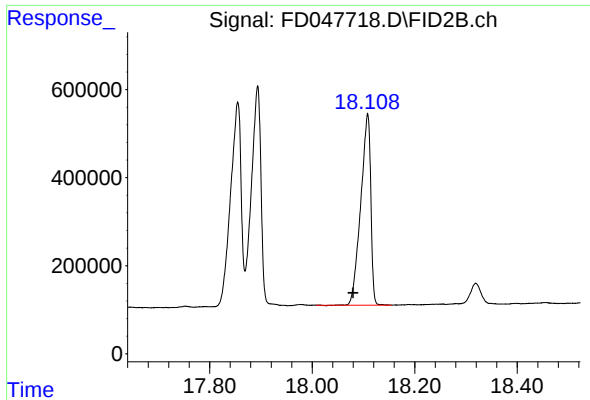
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.854 min
Delta R.T.: 0.024 min
Response: 6741659
Conc: 49.67 ug/ml



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

R.T.: 17.893 min
Delta R.T.: 0.021 min
Response: 6421314
Conc: 44.85 ug/ml m



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

R.T.: 18.107 min
Delta R.T.: 0.028 min
Response: 5899855
Conc: 42.97 ug/ml

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