

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031924AR\
 Data File : FD047387.D
 Signal(s) : FID2B.ch
 Acq On : 19 Mar 2024 17:13
 Operator : YP/AJ
 Sample : PB159654BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB159654BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/20/2024
 Supervised By :Ankita Jodhani 03/20/2024

Integration File: autoint1.e
 Quant Time: Mar 20 05:03:27 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...	7.456	7706634	46.661 ug/ml
Spiked Amount 50.000		Recovery =	93.32%
6) S 2-Fluorobiphenyl (SURR)	8.308	4017627	37.758 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.52%
11) S ortho-Terphenyl (SURR)	11.341	7637057	40.922 ug/ml
Spiked Amount 50.000		Recovery =	81.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	5151558	28.986 ug/ml
2) T Naphthalene (C11.7)	5.796	6039021	33.114 ug/ml
3) T 2-Methylnaphthalene (...)	6.844	6341425	34.771 ug/ml
5) T Acenaphthylene (C15.06)	8.112	6966205	41.784 ug/ml
7) T Acenaphthene (C15.5)	8.406	6715608	38.118 ug/ml
8) T Flouorene (C16.55)	9.185	7151987	42.458 ug/ml
9) T Phenanthrene (C19.36)	10.572	7347174	45.366 ug/ml
10) T Anthracene (C19.43)	10.647	7237761	49.180 ug/ml
12) T Fluoranthene (C21.85)	12.374	7519426	47.167 ug/ml
13) T Pyrene (C20.8)	12.668	7609532	49.186 ug/ml
14) T Benzo[a]anthracene (C...	14.531	6932491	51.139 ug/ml
15) T Chrysene (C27.41)	14.575	6962616	46.904 ug/ml
16) T benzo[b]fluoranthene ...	16.074	6792903	48.389 ug/ml
17) T Bnezo[k]fluoranthene ...	16.108	6748796	47.657 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.448	6519004	47.192 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.808	6575202	52.609 ug/ml
20) T Dibenz[a,h]anthracene...	17.847	6120124	46.409 ug/ml
21) T Benzo[g,h,i]perylene ...	18.062	6149476	45.768 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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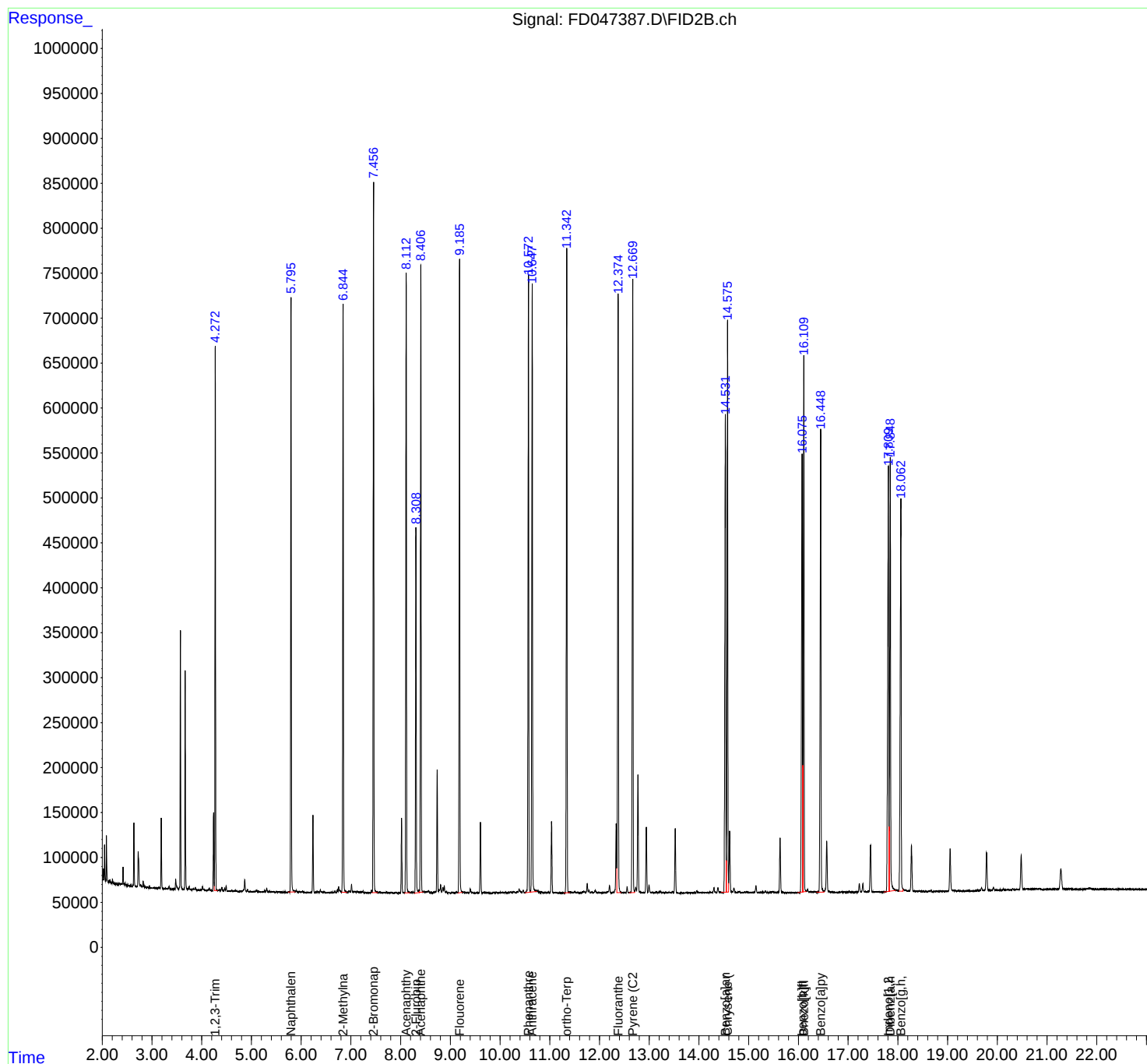
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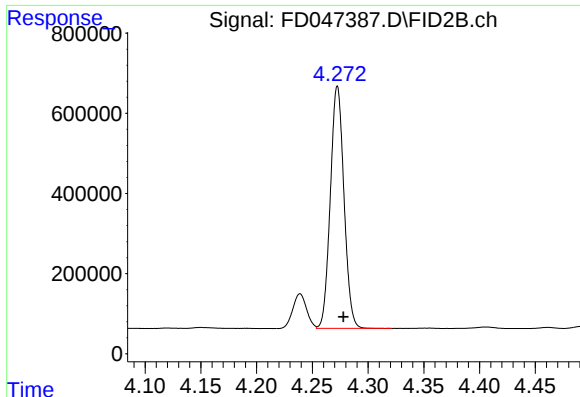
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.273 min
Delta R.T.: -0.005 min
Response: 5151558
Conc: 28.99 ug/ml

Instrument :

FID_D

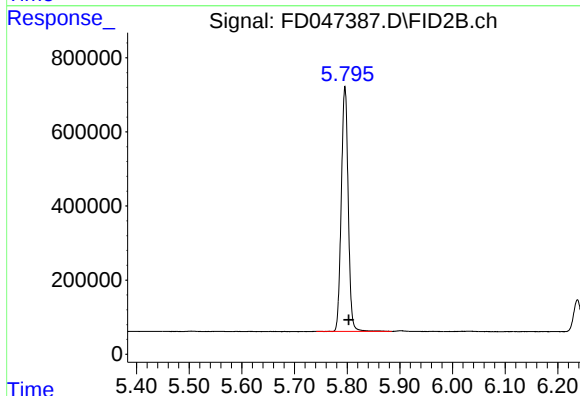
ClientSampleId :

PB159654BS

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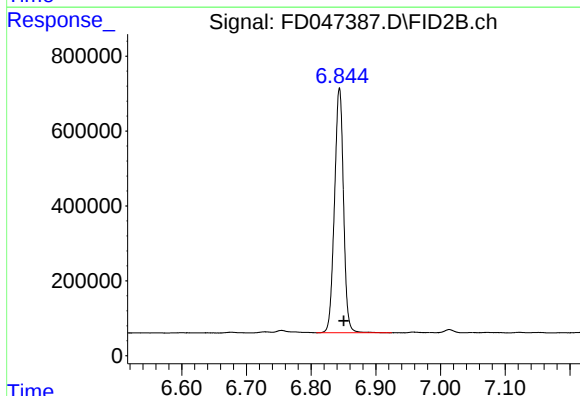
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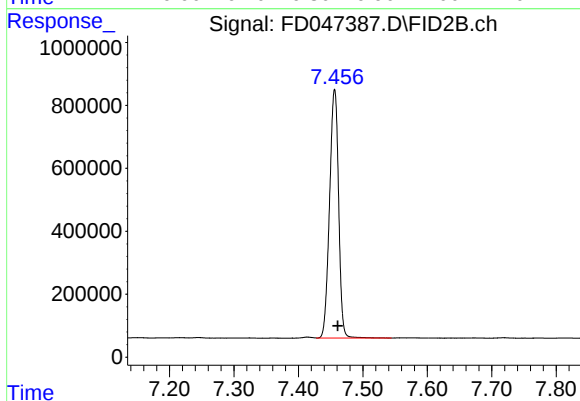
#2 Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: -0.007 min
Response: 6039021
Conc: 33.11 ug/ml



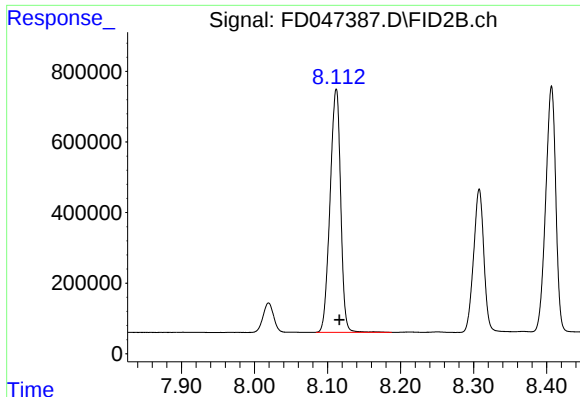
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.844 min
Delta R.T.: -0.007 min
Response: 6341425
Conc: 34.77 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.456 min
Delta R.T.: -0.005 min
Response: 7706634
Conc: 46.66 ug/ml



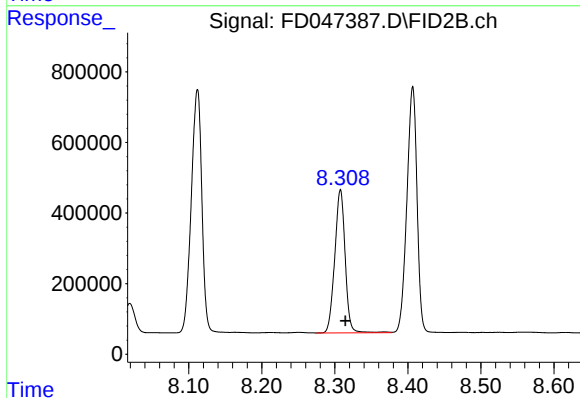
#5 Acenaphthylene (C15.06)

R.T.: 8.112 min
Delta R.T.: -0.005 min
Response: 6966205
Conc: 41.78 ug/ml

Instrument :
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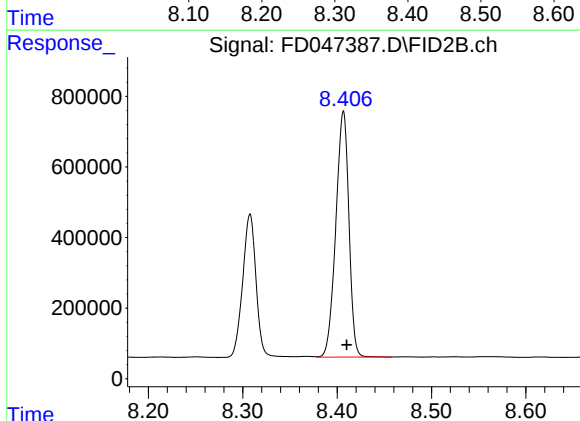
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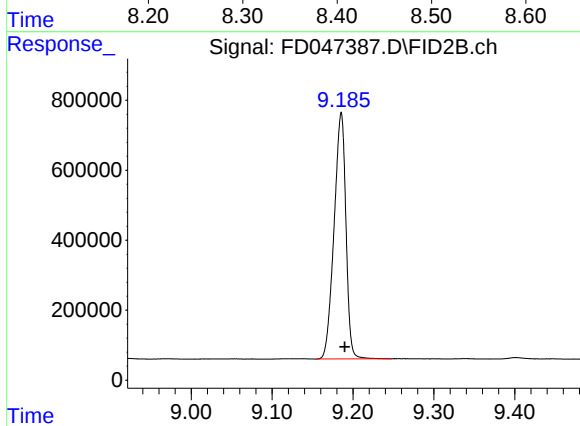
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.308 min
Delta R.T.: -0.007 min
Response: 4017627
Conc: 37.76 ug/ml



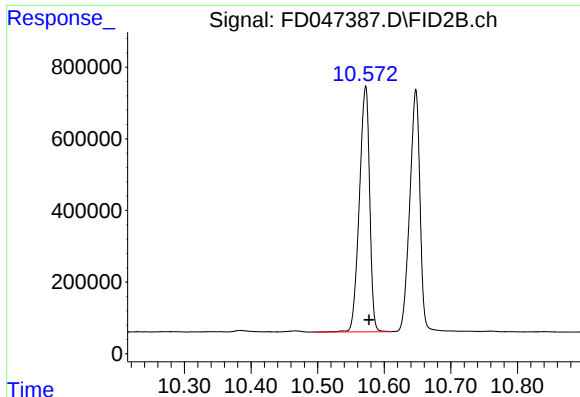
#7 Acenaphthene (C15.5)

R.T.: 8.406 min
Delta R.T.: -0.004 min
Response: 6715608
Conc: 38.12 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.185 min
Delta R.T.: -0.005 min
Response: 7151987
Conc: 42.46 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.572 min
Delta R.T.: -0.006 min
Response: 7347174
Conc: 45.37 ug/ml

Instrument :

FID_D

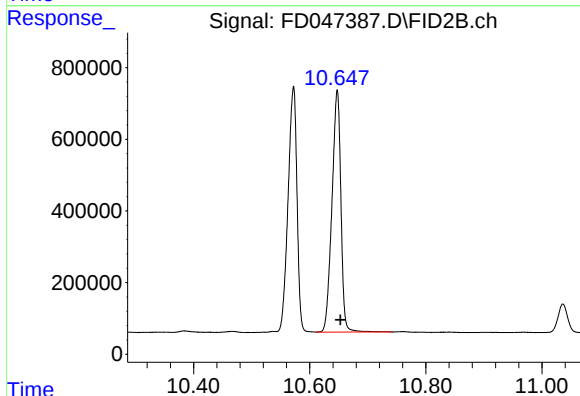
ClientSampleId :

PB159654BS

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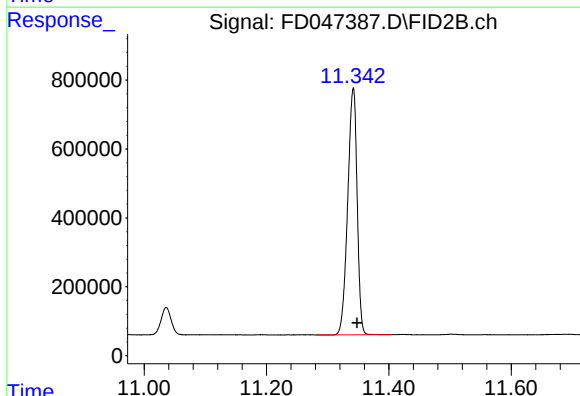
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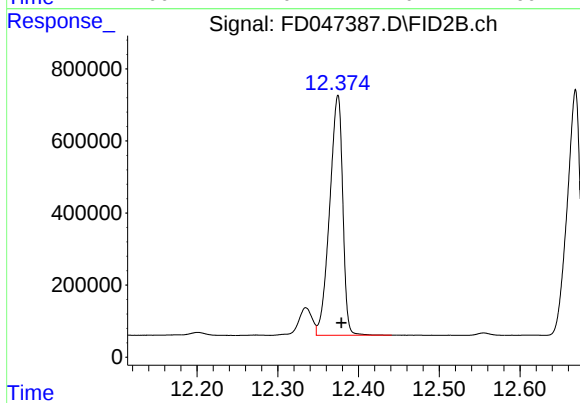
#10 Anthracene (C19.43)

R.T.: 10.647 min
Delta R.T.: -0.006 min
Response: 7237761
Conc: 49.18 ug/ml



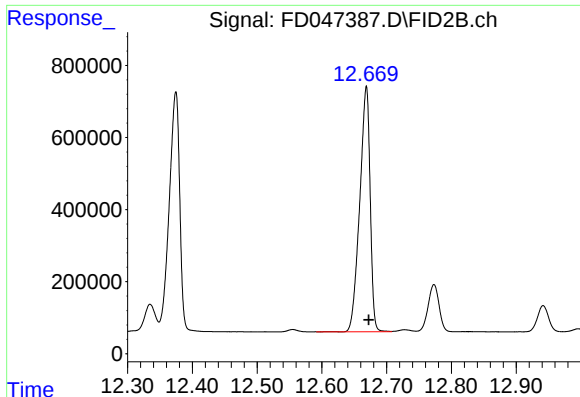
#11 ortho-Terphenyl (SURR)

R.T.: 11.341 min
Delta R.T.: -0.007 min
Response: 7637057
Conc: 40.92 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.374 min
Delta R.T.: -0.005 min
Response: 7519426
Conc: 47.17 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.668 min
Delta R.T.: -0.004 min
Response: 7609532
Conc: 49.19 ug/ml

Instrument :

FID_D

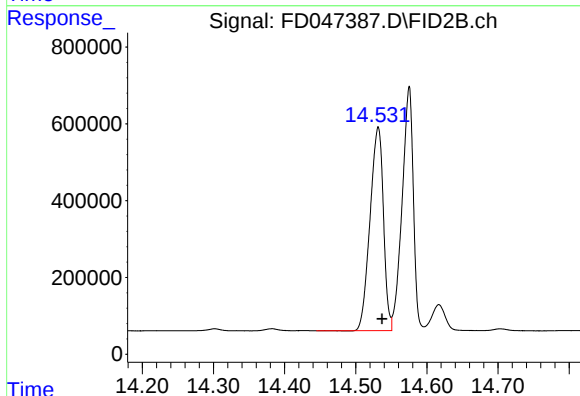
ClientSampleId :

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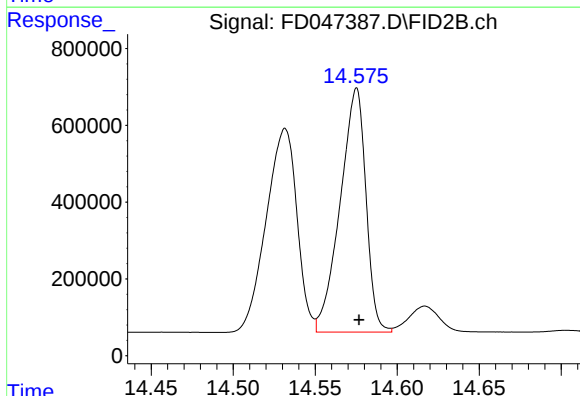
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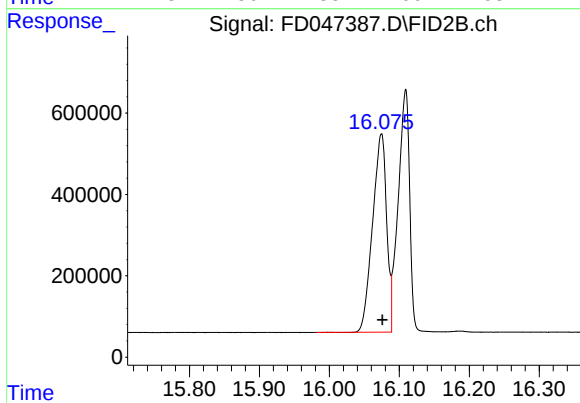
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.531 min
Delta R.T.: -0.006 min
Response: 6932491
Conc: 51.14 ug/ml



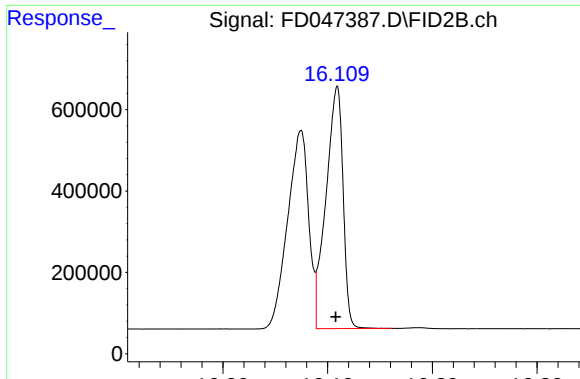
#15 Chrysene (C27.41)

R.T.: 14.575 min
Delta R.T.: -0.002 min
Response: 6962616
Conc: 46.90 ug/ml



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

R.T.: 16.074 min
Delta R.T.: -0.002 min
Response: 6792903
Conc: 48.39 ug/ml



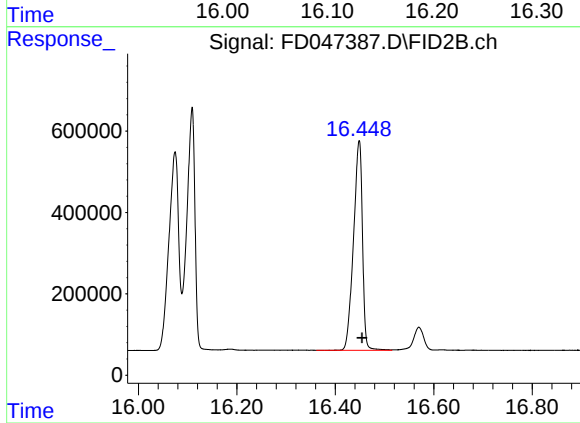
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.108 min
Delta R.T.: 0.000 min
Response: 6748796
Conc: 47.66 ug/ml

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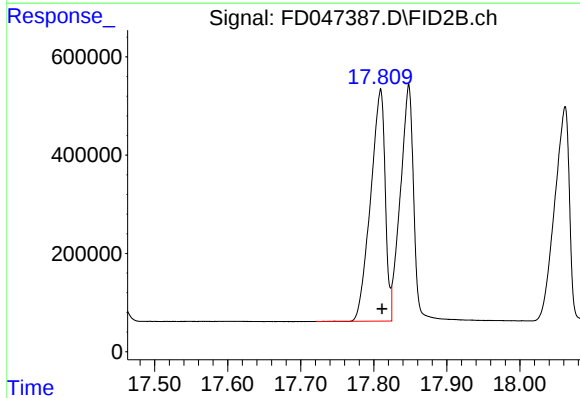
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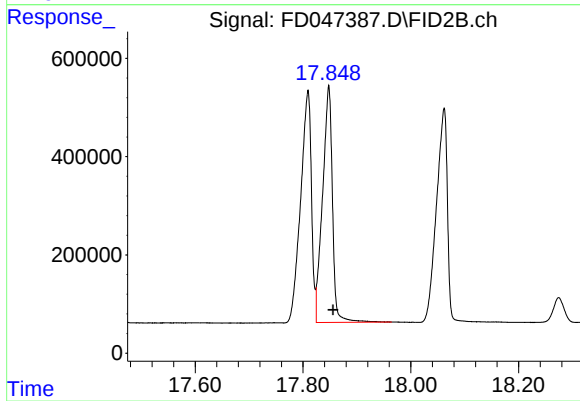
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.448 min
Delta R.T.: -0.006 min
Response: 6519004
Conc: 47.19 ug/ml



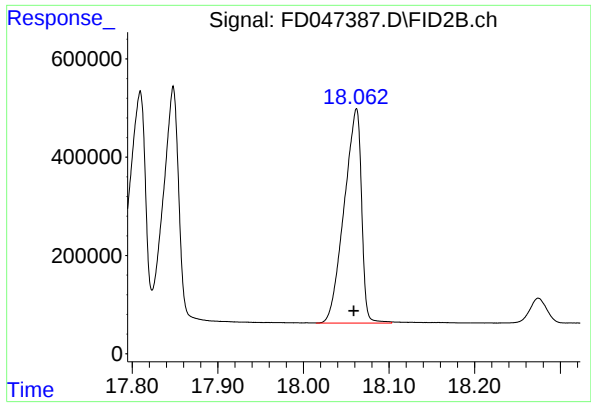
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.808 min
Delta R.T.: -0.003 min
Response: 6575202
Conc: 52.61 ug/ml



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

R.T.: 17.847 min
Delta R.T.: -0.009 min
Response: 6120124
Conc: 46.41 ug/ml



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

R.T.: 18.062 min
Delta R.T.: 0.003 min
Response: 6149476
Conc: 45.77 ug/ml

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