

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051524AR\
 Data File : FF014255.D
 Signal(s) : FID2B.ch
 Acq On : 15 May 2024 09:40
 Operator : YP\AJ
 Sample : P2403-01
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/16/2024
 Supervised By :Ankita Jodhani 05/16/2024

Integration File: autoint1.e
 Quant Time: May 16 05:02:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 051424.M
 Quant Title : GC Extractables
 QLast Update : Tue May 14 17:31:50 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...	7.902	5602434	53.389 ug/ml
Spiked Amount 50.000		Recovery =	106.78%
6) S 2-Fluorobiphenyl (SURR)	8.773	3218043	53.175 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.35%
11) S ortho-Terphenyl (SURR)	11.837	6265899	44.391 ug/ml
Spiked Amount 50.000		Recovery =	88.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.516	443012	3.659 ug/ml
2) T Naphthalene (C11.7)	6.181	421028	3.595 ug/ml
3) T 2-Methylnaphthalene (...)	7.275	423628	3.802 ug/ml
5) T Acenaphthylene (C15.06)	8.572	500081	4.454 ug/ml
7) T Acenaphthene (C15.5)	8.870	661167	5.227 ug/ml
8) T Flouorene (C16.55)	9.661	441443	4.146 ug/ml
9) T Phenanthrene (C19.36)	11.065	412566	3.983 ug/ml
10) T Anthracene (C19.43)	11.141	415656	4.561 ug/ml
12) T Fluoranthene (C21.85)	12.882	496505	4.363 ug/ml
13) T Pyrene (C20.8)	13.179	487092	4.361 ug/ml
14) T Benzo[a]anthracene (C...	15.065	271554	3.583 ug/ml
15) T Chrysene (C27.41)	15.105	627815	5.709 ug/ml
16) T benzo[b]fluoranthene ...	16.619	362235	3.609 ug/ml
17) T Bnezo[k]fluoranthene ...	16.651	611722	5.170 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.004	415375	3.957 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.380	261431	2.940 ug/mlm
20) T Dibenz[a,h]anthracene...	18.423	535897	5.039 ug/ml
21) T Benzo[g,h,i]perylene ...	18.625	502310	4.079 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : P2403-01
Misc :
ALS Vial : 81 Sample Multiplier: 1

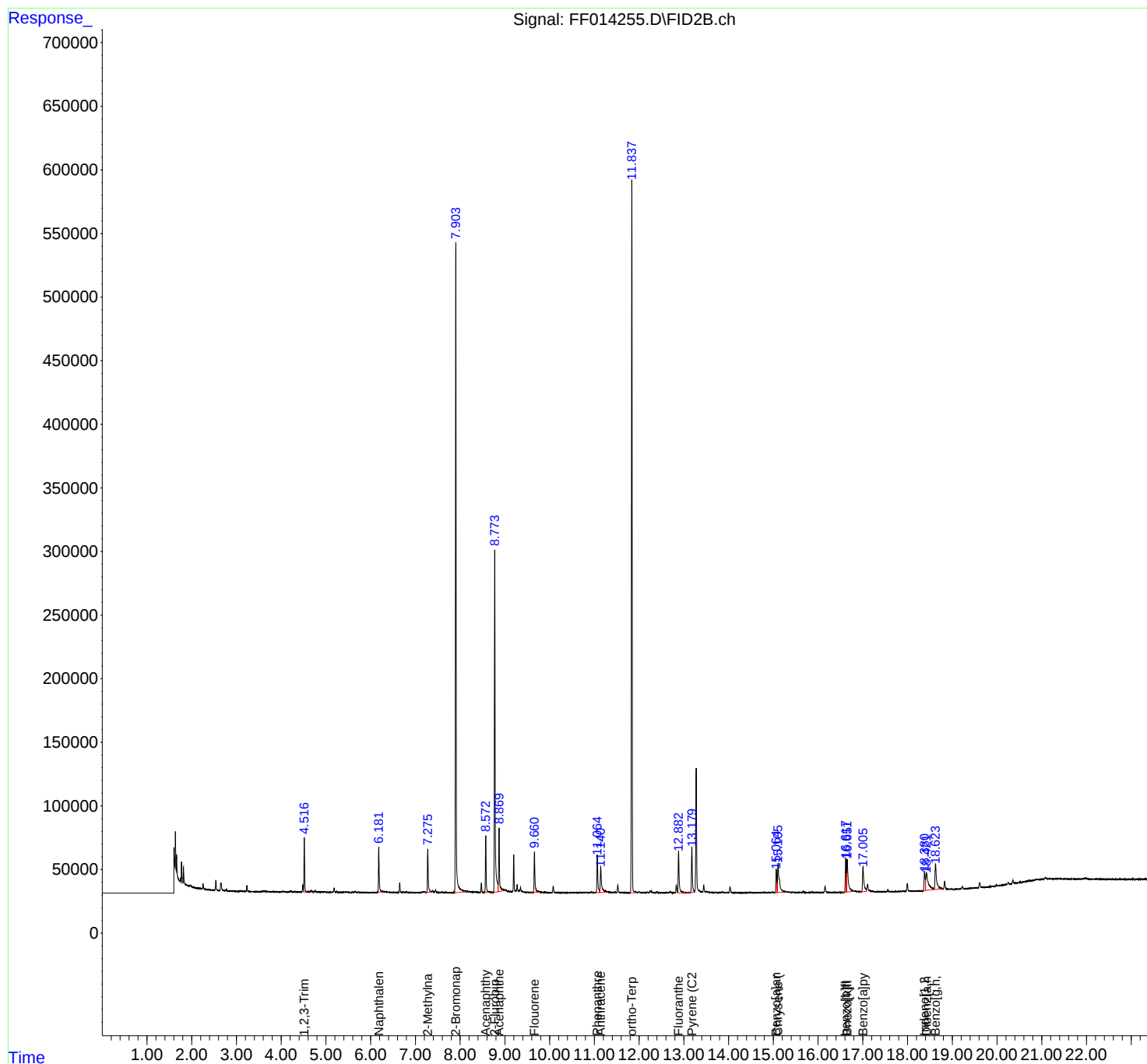
Instrument :
FID_F
ClientSampleId :
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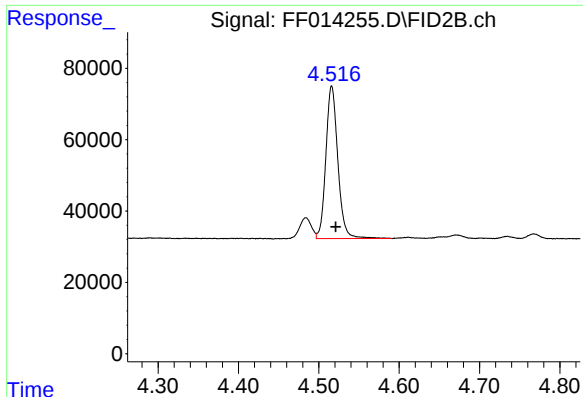
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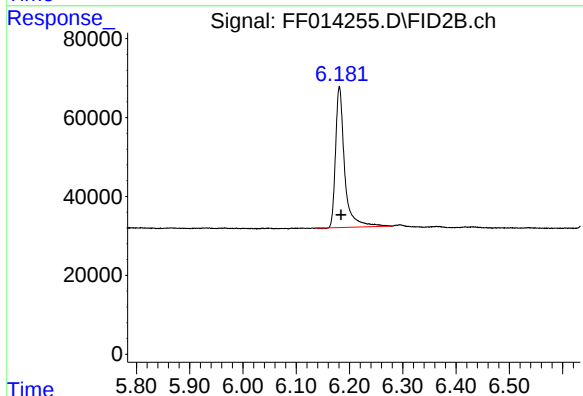
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.516 min
Delta R.T.: -0.005 min
Response: 443012
Conc: 3.66 ug/ml

Instrument : FID_F
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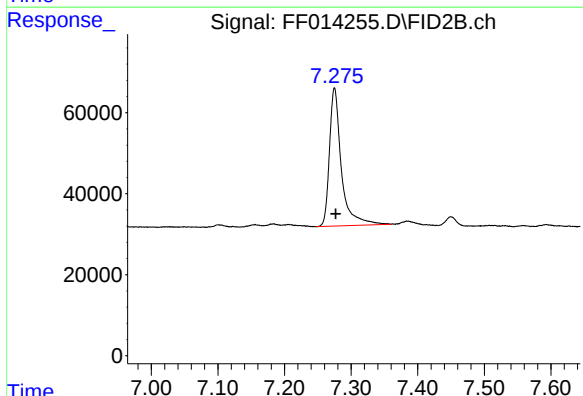
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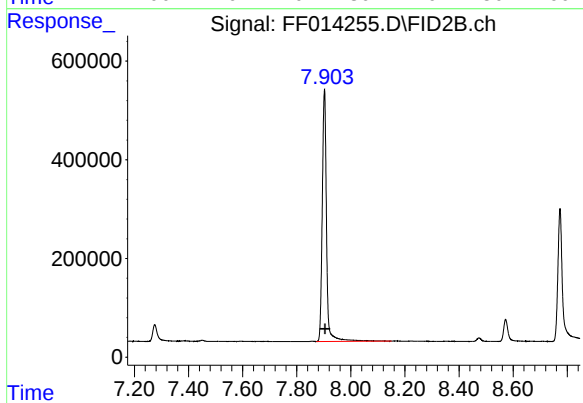
#2 Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.003 min
Response: 421028
Conc: 3.60 ug/ml



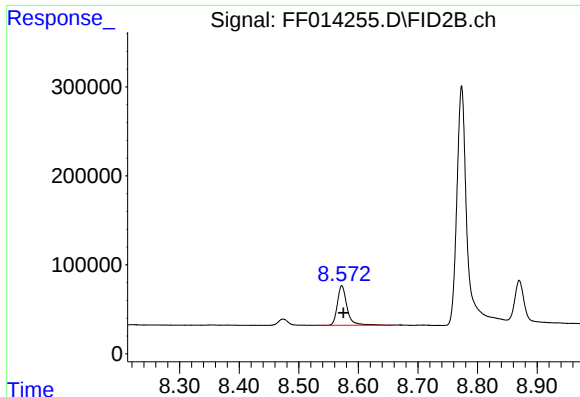
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.275 min
Delta R.T.: -0.002 min
Response: 423628
Conc: 3.80 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.902 min
Delta R.T.: -0.002 min
Response: 5602434
Conc: 53.39 ug/ml



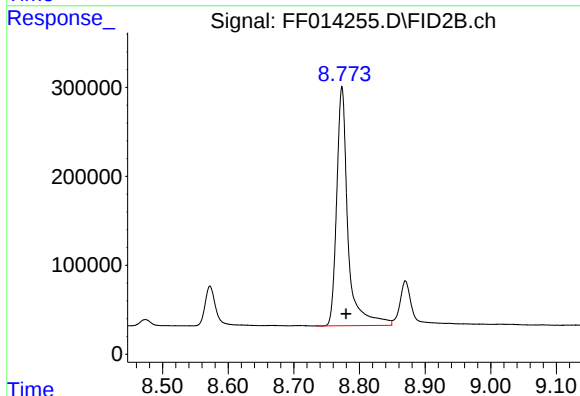
#5 Acenaphthylene (C15.06)

R.T.: 8.572 min
Delta R.T.: -0.002 min
Response: 500081
Conc: 4.45 ug/ml

Instrument :
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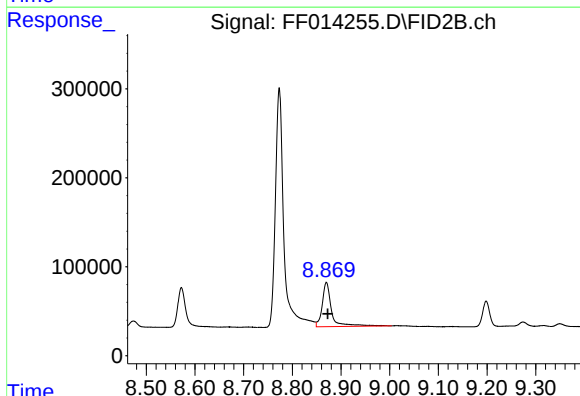
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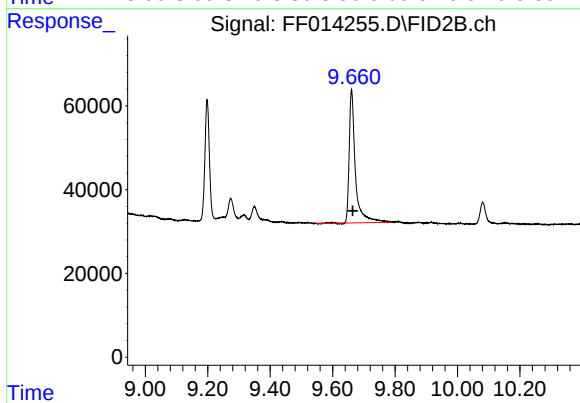
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.773 min
Delta R.T.: -0.006 min
Response: 3218043
Conc: 53.17 ug/ml



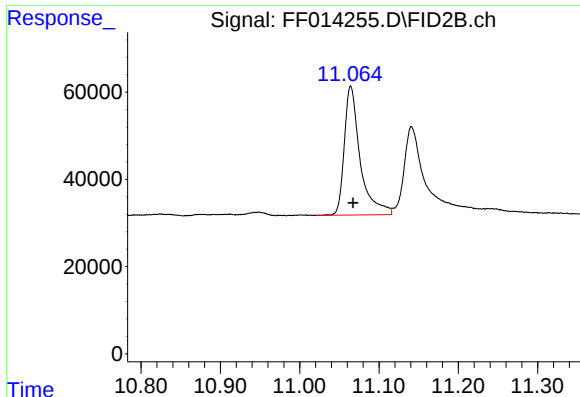
#7 Acenaphthene (C15.5)

R.T.: 8.870 min
Delta R.T.: -0.003 min
Response: 661167
Conc: 5.23 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.661 min
Delta R.T.: -0.003 min
Response: 441443
Conc: 4.15 ug/ml



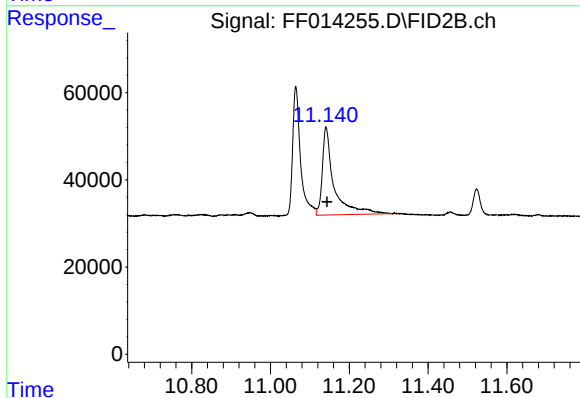
#9 Phenanthrene (C19.36)

R.T.: 11.065 min
Delta R.T.: -0.002 min
Response: 412566
Conc: 3.98 ug/ml

Instrument :
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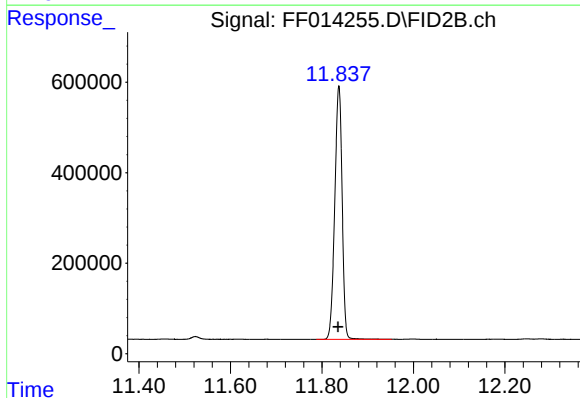
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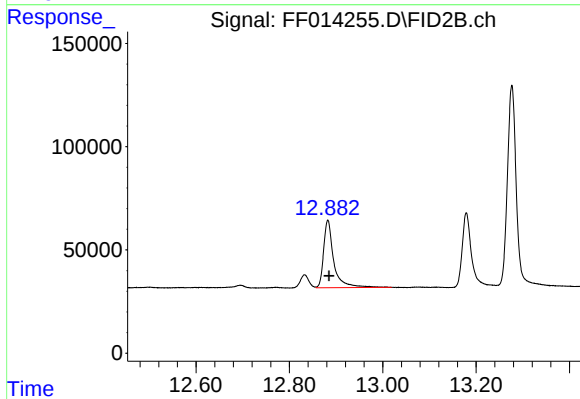
#10 Anthracene (C19.43)

R.T.: 11.141 min
Delta R.T.: -0.003 min
Response: 415656
Conc: 4.56 ug/ml



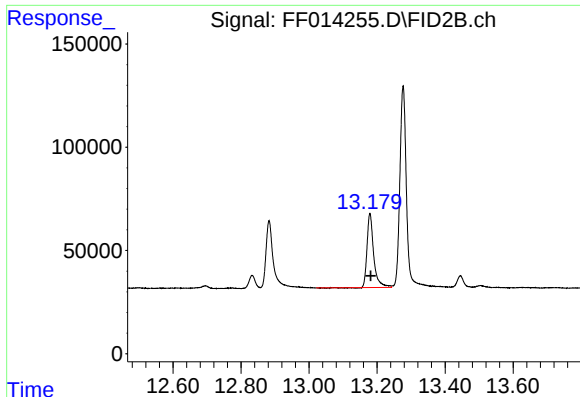
#11 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: 0.001 min
Response: 6265899
Conc: 44.39 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.882 min
Delta R.T.: -0.002 min
Response: 496505
Conc: 4.36 ug/ml



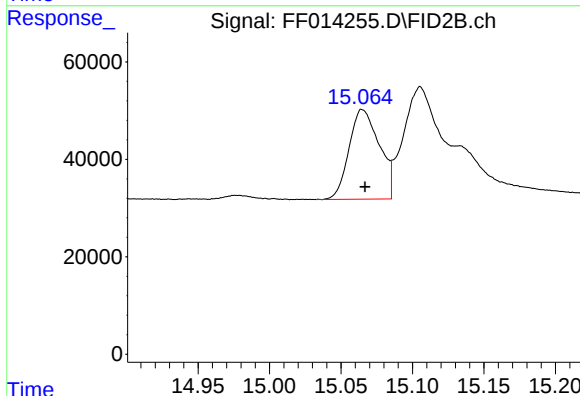
#13 Pyrene (C20.8)

R.T.: 13.179 min
Delta R.T.: -0.002 min
Response: 487092
Conc: 4.36 ug/ml

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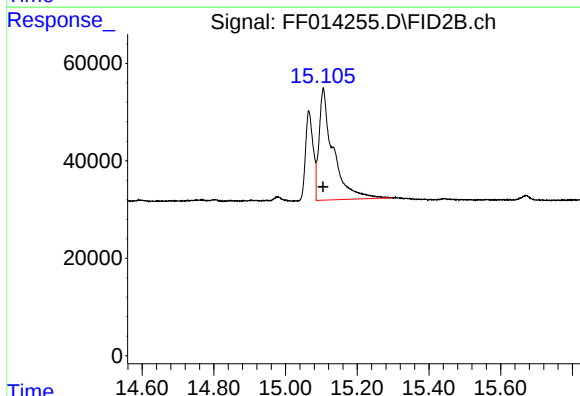
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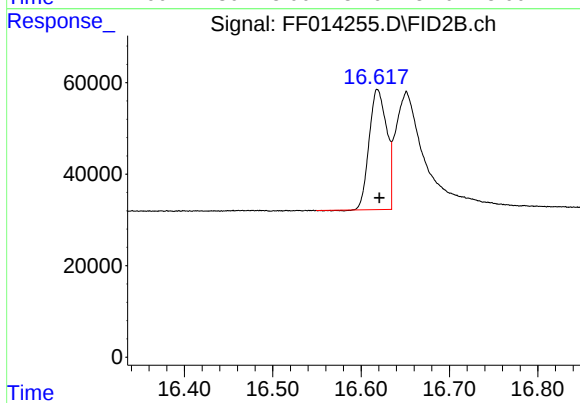
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.065 min
Delta R.T.: -0.001 min
Response: 271554
Conc: 3.58 ug/ml



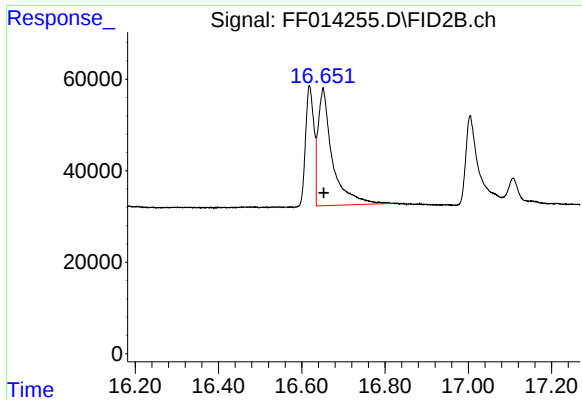
#15 Chrysene (C27.41)

R.T.: 15.105 min
Delta R.T.: 0.000 min
Response: 627815
Conc: 5.71 ug/ml



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

R.T.: 16.619 min
Delta R.T.: -0.002 min
Response: 362235
Conc: 3.61 ug/ml



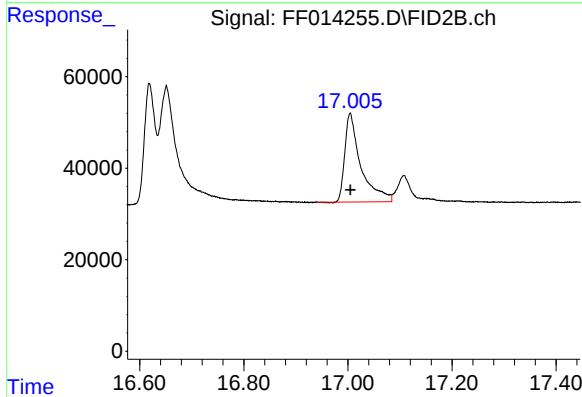
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.651 min
Delta R.T.: -0.001 min
Response: 611722
Conc: 5.17 ug/ml

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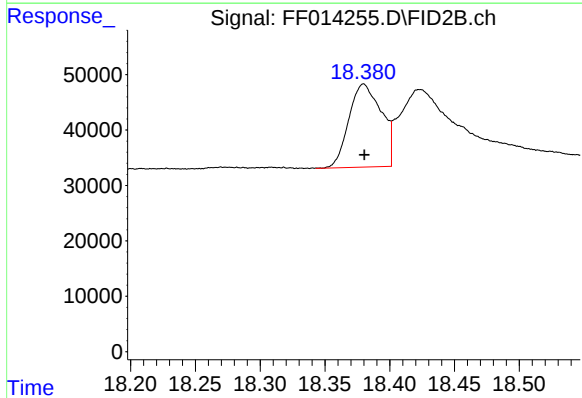
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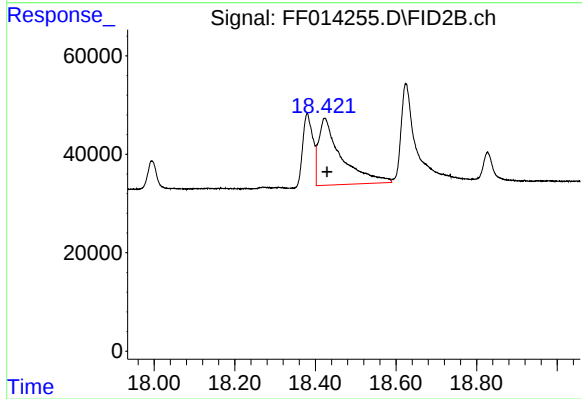
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.004 min
Delta R.T.: 0.000 min
Response: 415375
Conc: 3.96 ug/ml



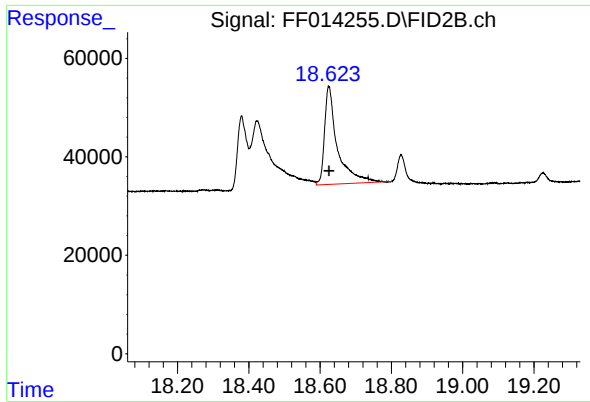
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.380 min
Delta R.T.: 0.000 min
Response: 261431
Conc: 2.94 ug/ml m



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

R.T.: 18.423 min
Delta R.T.: -0.005 min
Response: 535897
Conc: 5.04 ug/ml



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

R.T.: 18.625 min
Delta R.T.: 0.000 min
Response: 502310
Conc: 4.08 ug/ml

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