

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD103122AR\
 Data File : FD044366.D
 Signal(s) : FID2B.ch
 Acq On : 31 Oct 2022 16:36
 Operator : YP/AJ
 Sample : N5313-03MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EPH-1-SW-QUARTERMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/01/2022
 Supervised By :Ankita Jodhani 11/01/2022

Integration File: autoint1.e
 Quant Time: Oct 31 18:38:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 2022
 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...	7.409	5224590	42.081 ug/mlm
Spiked Amount 50.000		Recovery =	84.16%
6) S 2-Fluorobiphenyl (SURR)	8.267	3227473	42.862 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.72%
11) S ortho-Terphenyl (SURR)	11.292	5612010	33.156 ug/ml
Spiked Amount 50.000		Recovery =	66.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.218	4022577	28.499 ug/mlm
2) T Naphthalene (C11.7)	5.751	4721198	34.438 ug/ml
3) T 2-Methylnaphthalene (...)	6.797	4815003	33.966 ug/ml
5) T Acenaphthylene (C15.06)	8.065	5166420	36.828 ug/mlm
7) T Acenaphthene (C15.5)	8.357	6130638	39.424 ug/ml
8) T Flouorene (C16.55)	9.138	5448593	38.730 ug/ml
9) T Phenanthrene (C19.36)	10.531	5686869	42.228 ug/ml
10) T Anthracene (C19.43)	10.607	5492993	40.880 ug/ml
12) T Fluoranthene (C21.85)	12.337	5679739	42.529 ug/ml
13) T Pyrene (C20.8)	12.630	5053992	40.012 ug/ml
14) T Benzo[a]anthracene (C...	14.502	4848553	45.647 ug/ml
15) T Chrysene (C27.41)	14.543	5986927	45.671 ug/ml
16) T benzo[b]fluoranthene ...	16.050	4937259	43.994 ug/ml
17) T Bnezo[k]fluoranthene ...	16.081	5346688	42.024 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.429	3975683	34.214 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.796	4384132	41.124 ug/ml
20) T Dibenz[a,h]anthracene...	17.828	5113675	41.334 ug/ml
21) T Benzo[g,h,i]perylene ...	18.046	4795193	40.846 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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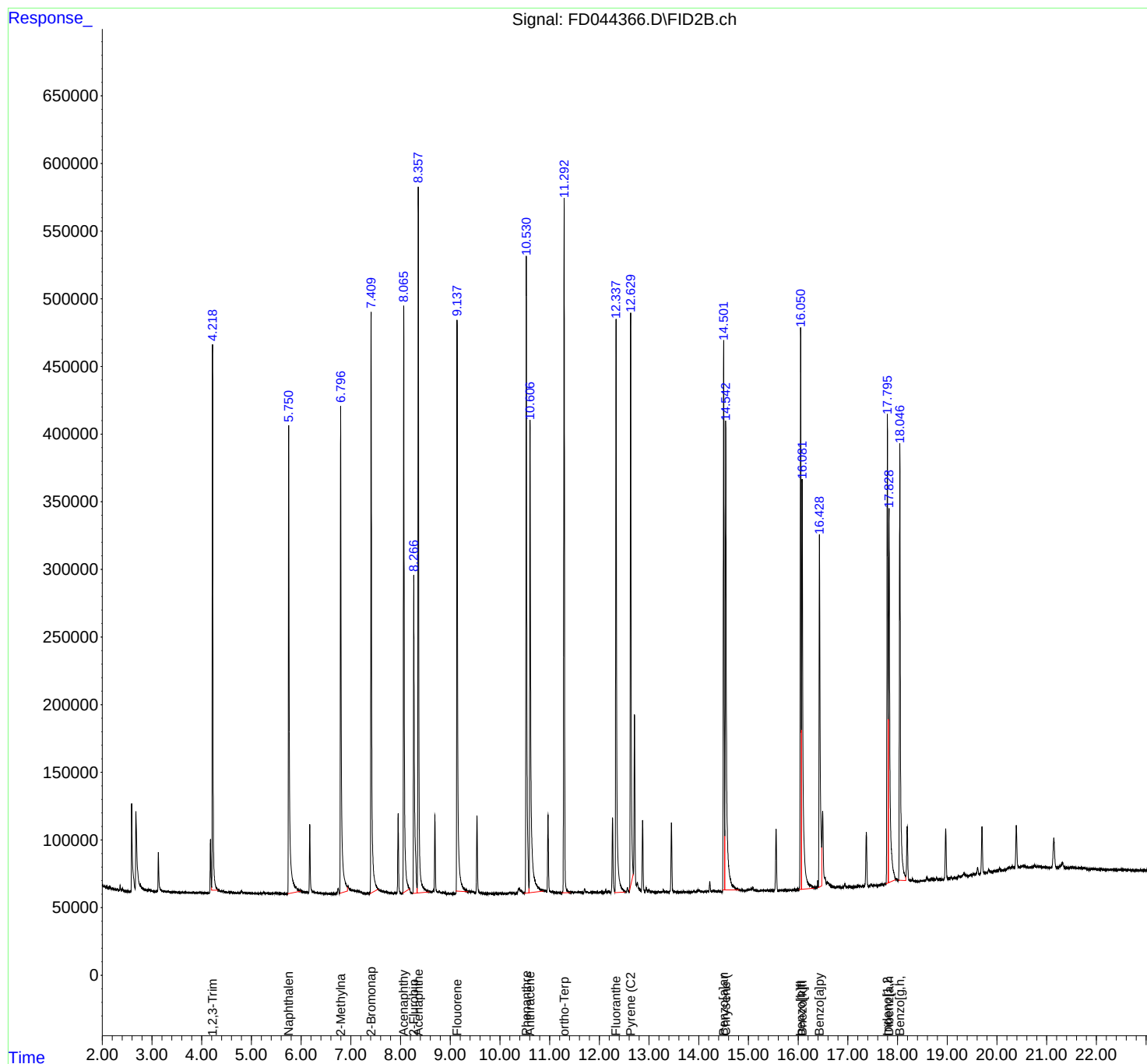
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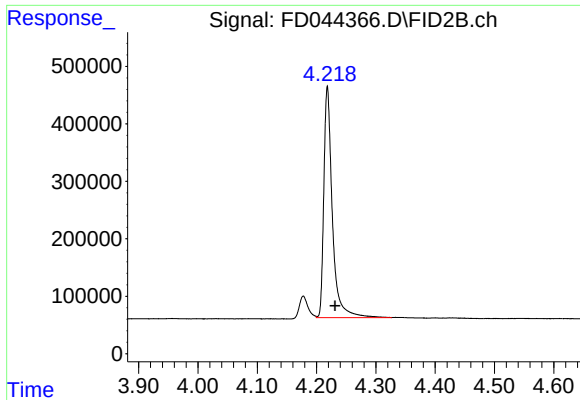
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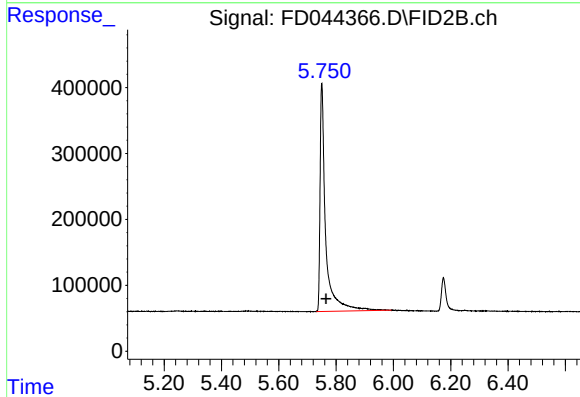
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.218 min
Delta R.T.: -0.013 min
Response: 4022577
Conc: 28.50 ug/ml

Instrument :
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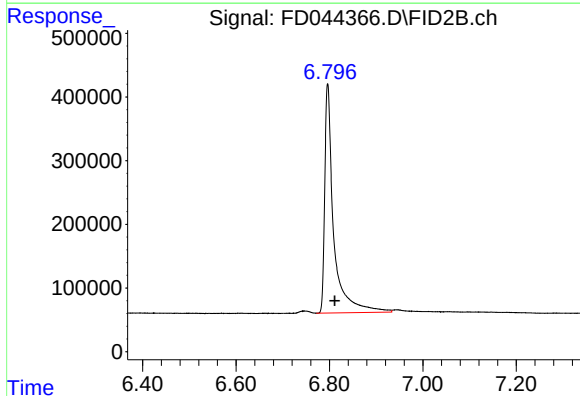
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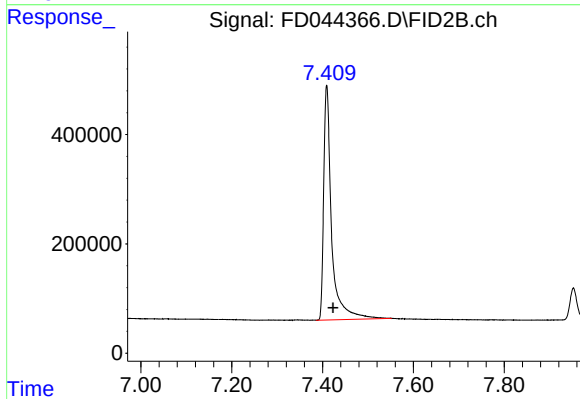
#2 Naphthalene (C11.7)

R.T.: 5.751 min
Delta R.T.: -0.015 min
Response: 4721198
Conc: 34.44 ug/ml



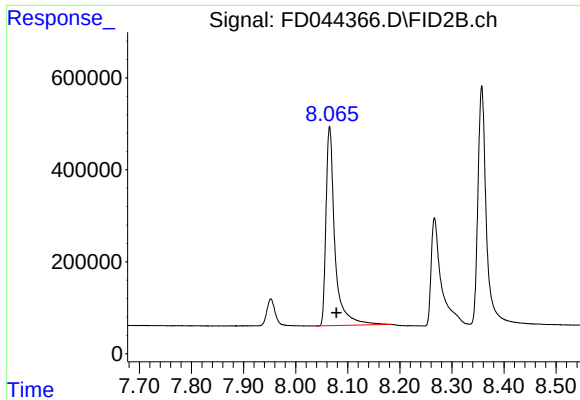
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.797 min
Delta R.T.: -0.015 min
Response: 4815003
Conc: 33.97 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.409 min
Delta R.T.: -0.015 min
Response: 5224590
Conc: 42.08 ug/ml m



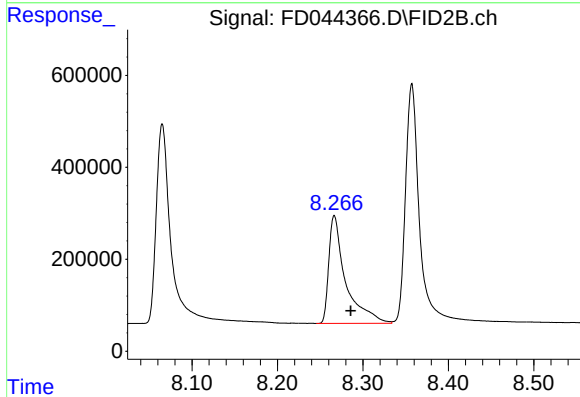
#5 Acenaphthylene (C15.06)

R.T.: 8.065 min
Delta R.T.: -0.014 min
Response: 5166420
Conc: 36.83 ug/ml

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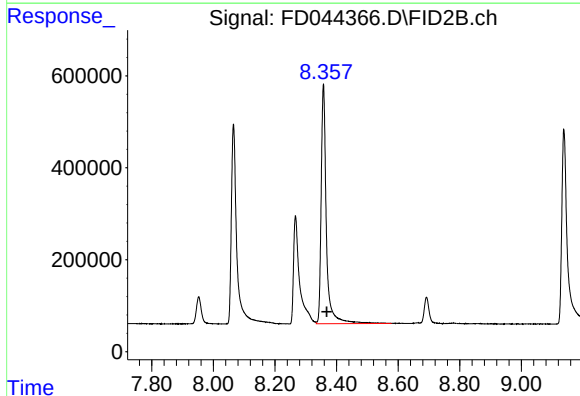
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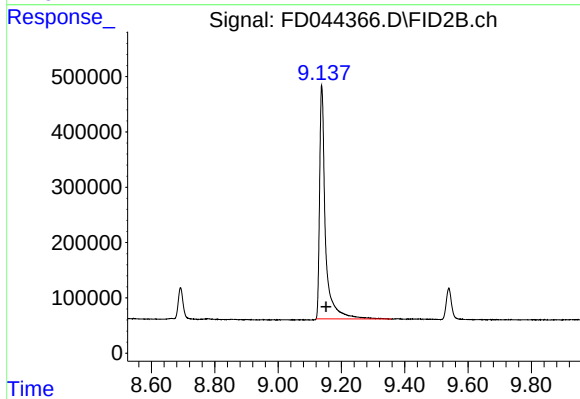
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.267 min
Delta R.T.: -0.019 min
Response: 3227473
Conc: 42.86 ug/ml



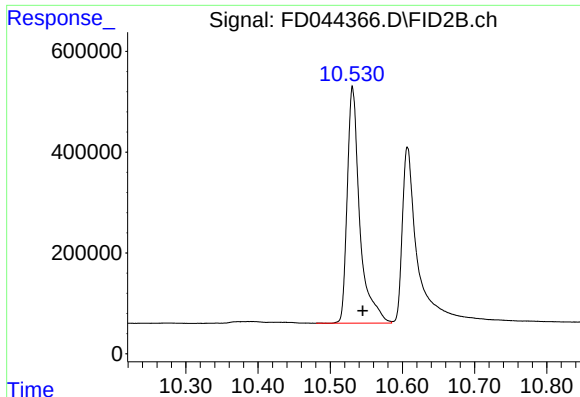
#7 Acenaphthene (C15.5)

R.T.: 8.357 min
Delta R.T.: -0.011 min
Response: 6130638
Conc: 39.42 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.138 min
Delta R.T.: -0.014 min
Response: 5448593
Conc: 38.73 ug/ml



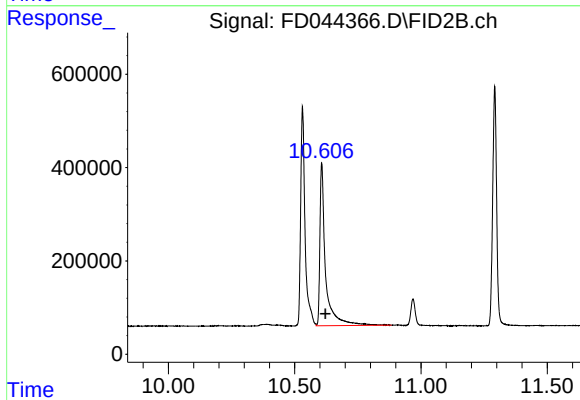
#9 Phenanthrene (C19.36)

R.T.: 10.531 min
Delta R.T.: -0.014 min
Response: 5686869
Conc: 42.23 ug/ml

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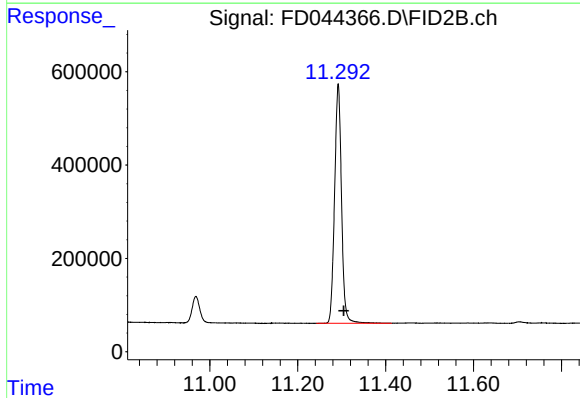
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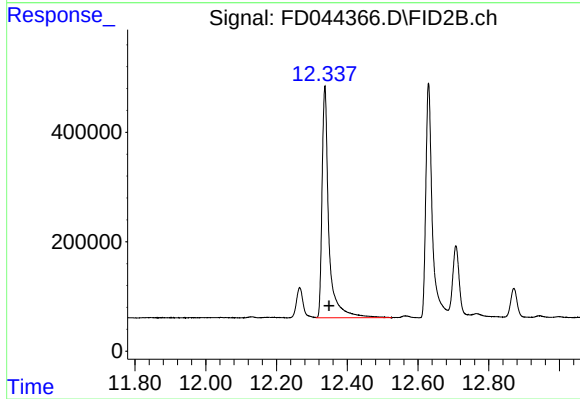
#10 Anthracene (C19.43)

R.T.: 10.607 min
Delta R.T.: -0.014 min
Response: 5492993
Conc: 40.88 ug/ml



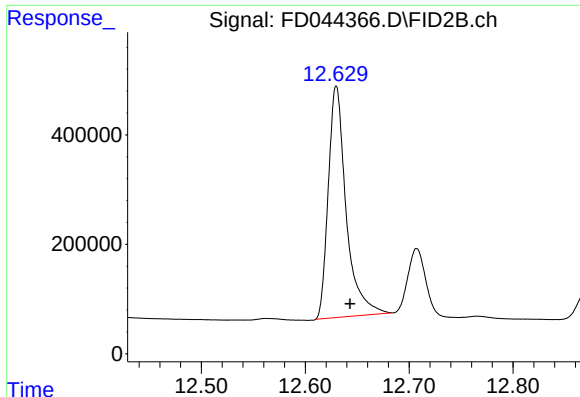
#11 ortho-Terphenyl (SURR)

R.T.: 11.292 min
Delta R.T.: -0.012 min
Response: 5612010
Conc: 33.16 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.337 min
Delta R.T.: -0.012 min
Response: 5679739
Conc: 42.53 ug/ml



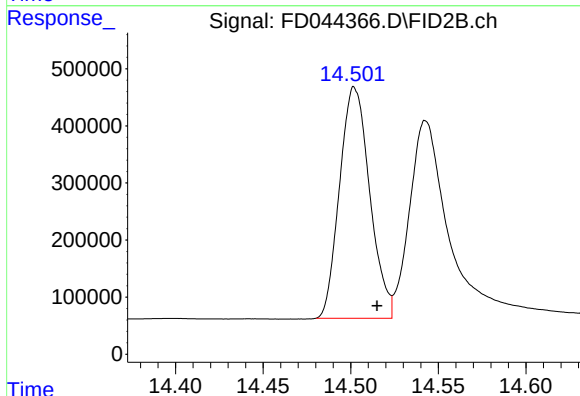
#13 Pyrene (C20.8)

R.T.: 12.630 min
Delta R.T.: -0.013 min
Response: 5053992
Conc: 40.01 ug/ml

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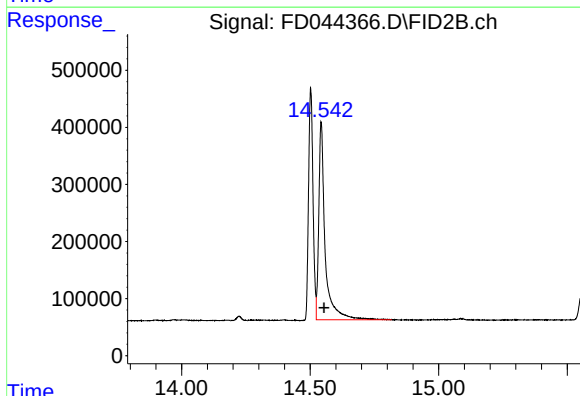
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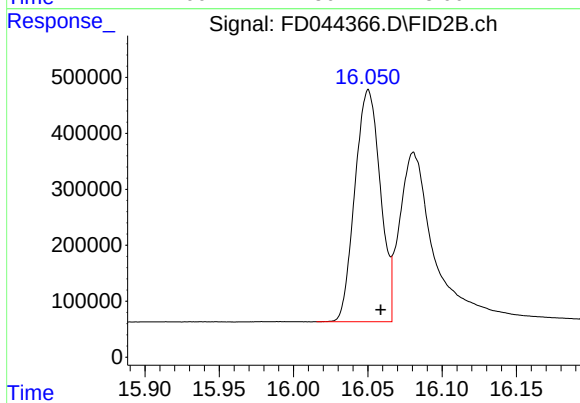
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.502 min
Delta R.T.: -0.013 min
Response: 4848553
Conc: 45.65 ug/ml



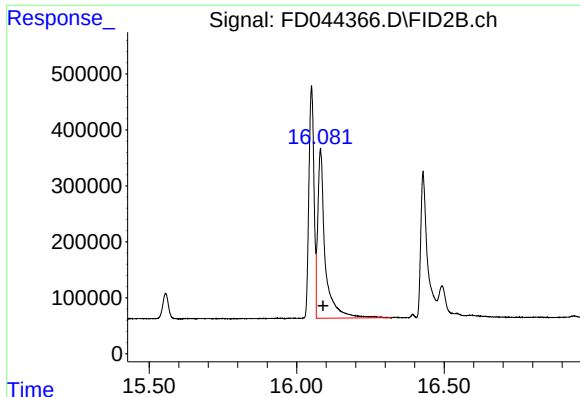
#15 Chrysene (C27.41)

R.T.: 14.543 min
Delta R.T.: -0.012 min
Response: 5986927
Conc: 45.67 ug/ml



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

R.T.: 16.050 min
Delta R.T.: -0.008 min
Response: 4937259
Conc: 43.99 ug/ml



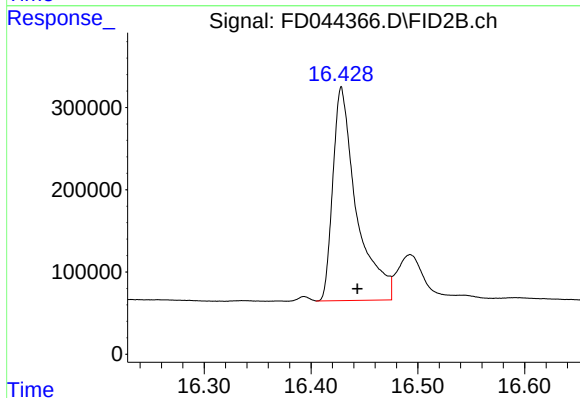
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.081 min
Delta R.T.: -0.008 min
Response: 5346688
Conc: 42.02 ug/ml

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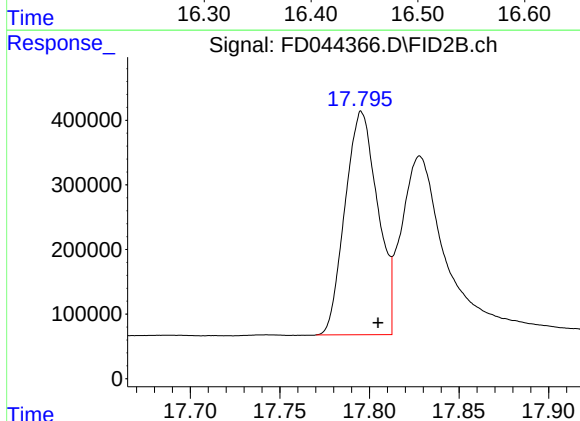
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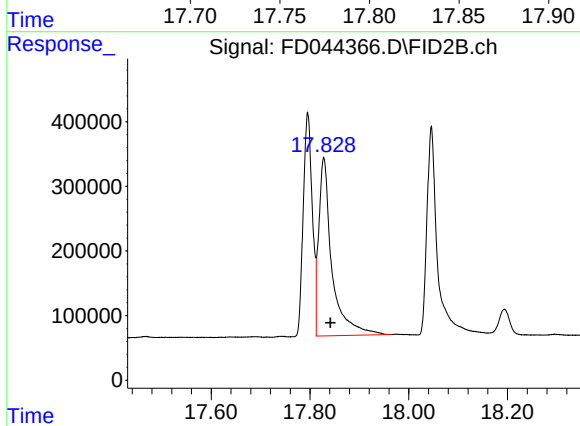
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.429 min
Delta R.T.: -0.015 min
Response: 3975683
Conc: 34.21 ug/ml



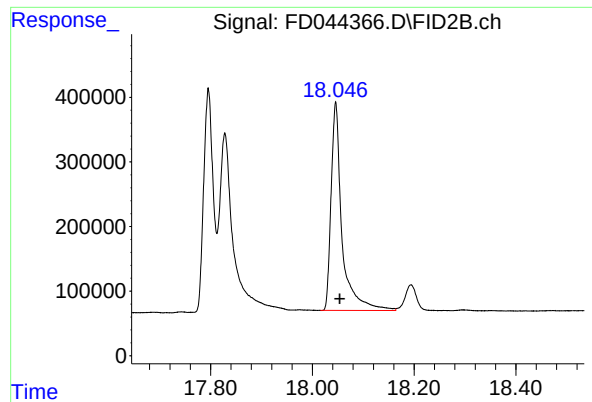
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.796 min
Delta R.T.: -0.009 min
Response: 4384132
Conc: 41.12 ug/ml



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

R.T.: 17.828 min
Delta R.T.: -0.014 min
Response: 5113675
Conc: 41.33 ug/ml



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

R.T.: 18.046 min
Delta R.T.: -0.008 min
Response: 4795193
Conc: 40.85 ug/ml

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