

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101322AR\
 Data File : FD044126.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2022 00:10
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2022
 Supervised By :Ankita Jodhani 10/14/2022

Integration File: autoint1.e
 Quant Time: Oct 14 01:30:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:12:46 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...	7.421	1311470	10.465 ug/ml
Spiked Amount 50.000		Recovery =	20.93%
6) S 2-Fluorobiphenyl (SURR)	8.277	769372	9.721 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.44%
11) S ortho-Terphenyl (SURR)	11.304	1823106	11.044 ug/ml
Spiked Amount 50.000		Recovery =	22.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.229	1513714	10.875 ug/ml
2) T Naphthalene (C11.7)	5.761	1405388	10.100 ug/ml
3) T 2-Methylnaphthalene (...)	6.807	1535435	10.590 ug/ml
5) T Acenaphthylene (C15.06)	8.076	1486590	10.742 ug/ml
7) T Acenaphthene (C15.5)	8.367	1681824	11.121 ug/ml
8) T Flouorene (C16.55)	9.149	1484529	10.514 ug/ml
9) T Phenanthrene (C19.36)	10.541	1409609	10.413 ug/ml
10) T Anthracene (C19.43)	10.617	1400320	10.369 ug/ml
12) T Fluoranthene (C21.85)	12.346	1435211	10.780 ug/ml
13) T Pyrene (C20.8)	12.641	1344825	10.702 ug/ml
14) T Benzo[a]anthracene (C...	14.511	1092303	10.032 ug/ml
15) T Chrysene (C27.41)	14.551	1417822	11.146 ug/ml
16) T benzo[b]fluoranthene ...	16.057	1171457	10.377 ug/ml
17) T Bnezo[k]fluoranthene ...	16.087	1382415	11.253 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.438	1222775	10.647 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.801	1084848	10.009 ug/ml
20) T Dibenz[a,h]anthracene...	17.838	1377856	11.535 ug/ml
21) T Benzo[g,h,i]perylene ...	18.051	1247108	10.786 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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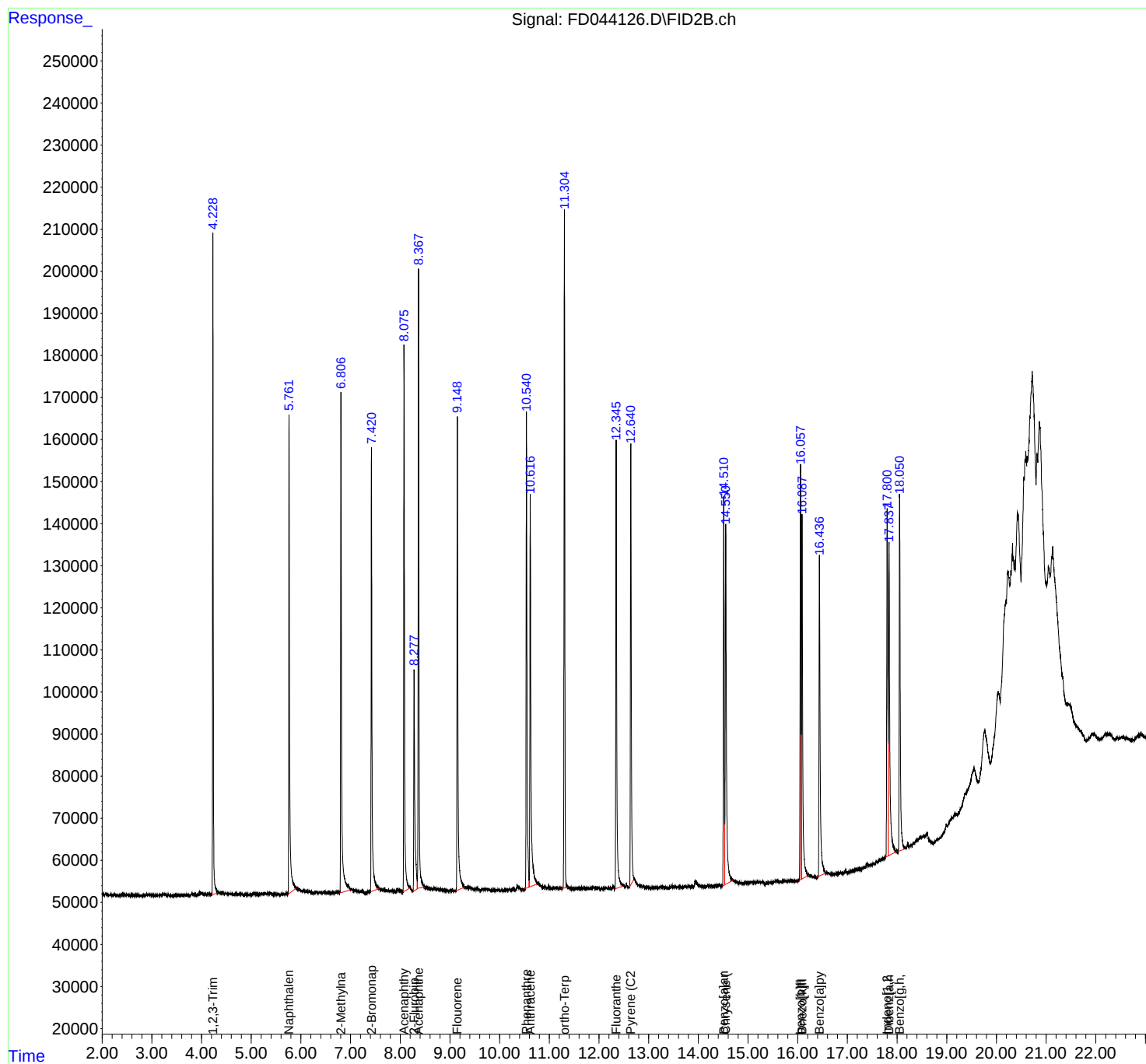
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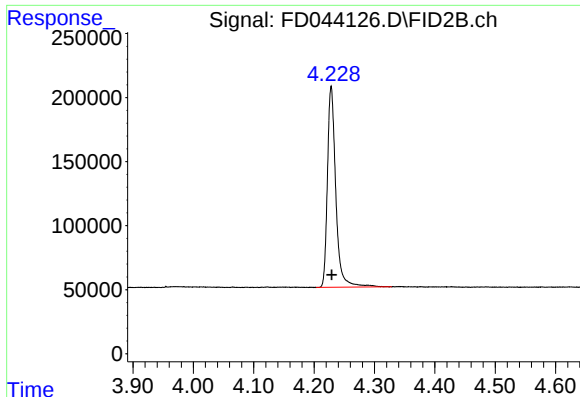
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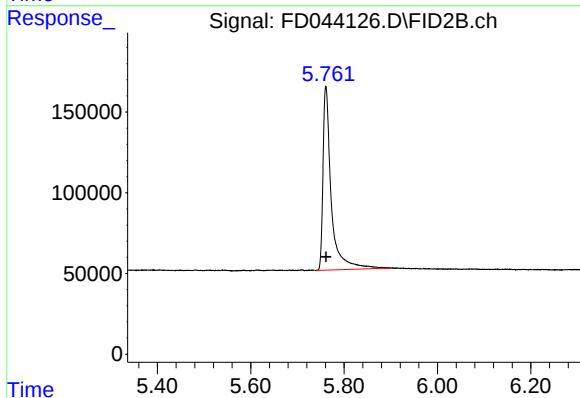
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.229 min
Delta R.T.: 0.000 min
Response: 1513714
Conc: 10.87 ug/ml

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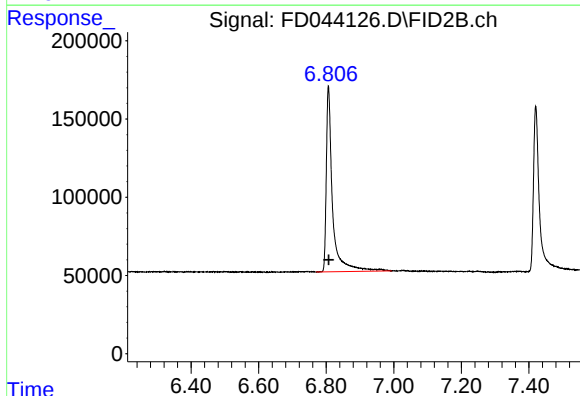
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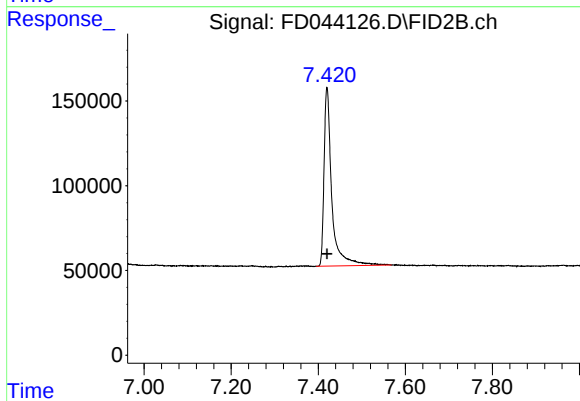
#2 Naphthalene (C11.7)

R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 1405388
Conc: 10.10 ug/ml



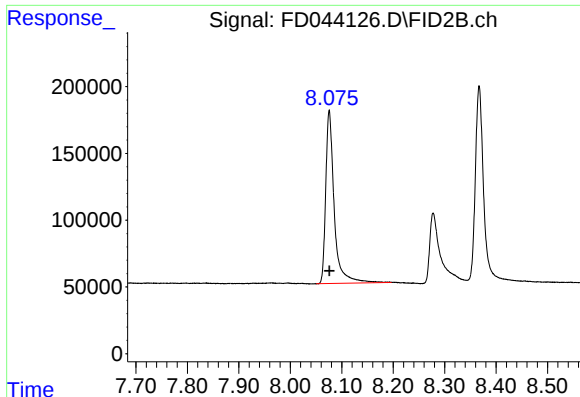
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 1535435
Conc: 10.59 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 1311470
Conc: 10.47 ug/ml



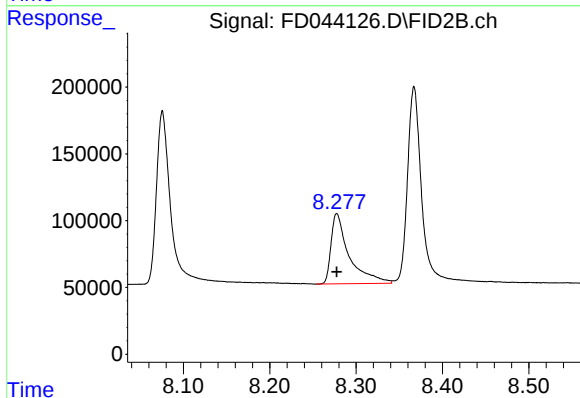
#5 Acenaphthylene (C15.06)

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 1486590
Conc: 10.74 ug/ml

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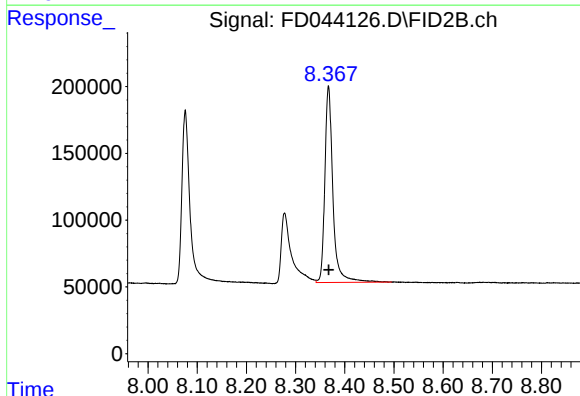
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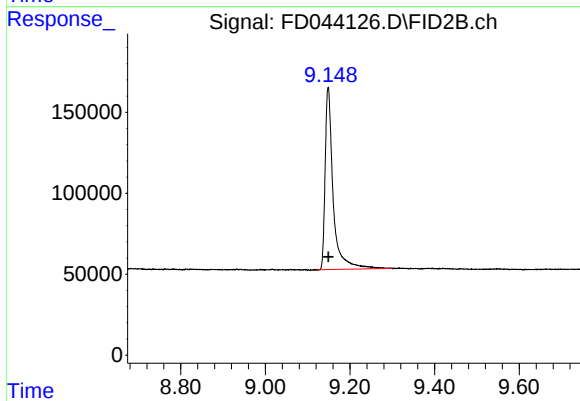
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 769372
Conc: 9.72 ug/ml m



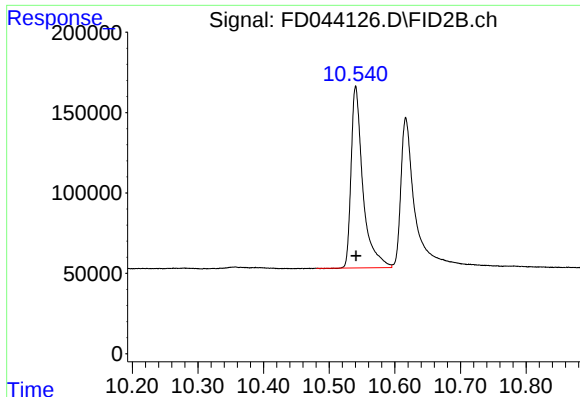
#7 Acenaphthene (C15.5)

R.T.: 8.367 min
Delta R.T.: 0.000 min
Response: 1681824
Conc: 11.12 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.149 min
Delta R.T.: 0.000 min
Response: 1484529
Conc: 10.51 ug/ml



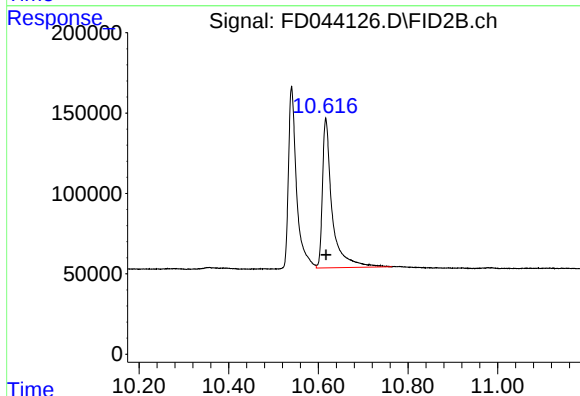
#9 Phenanthrene (C19.36)

R.T.: 10.541 min
Delta R.T.: 0.000 min
Response: 1409609
Conc: 10.41 ug/ml

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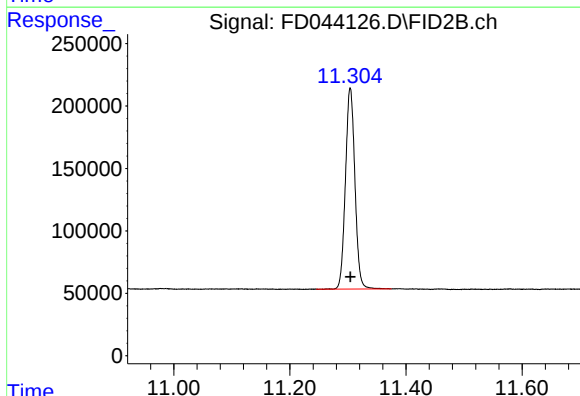
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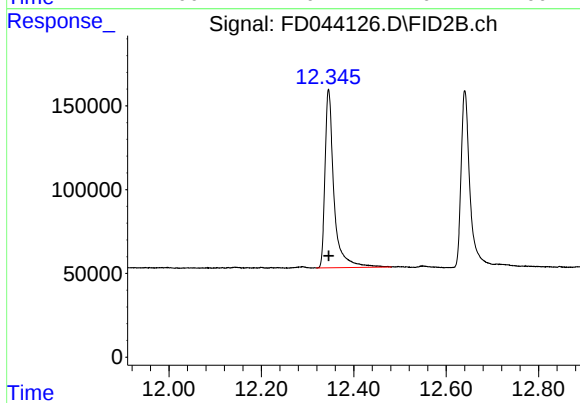
#10 Anthracene (C19.43)

R.T.: 10.617 min
Delta R.T.: 0.000 min
Response: 1400320
Conc: 10.37 ug/ml



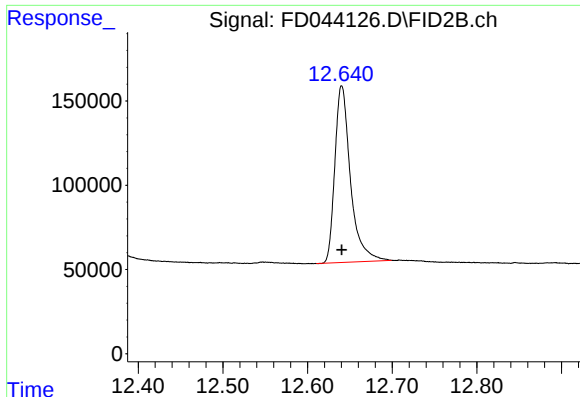
#11 ortho-Terphenyl (SURR)

R.T.: 11.304 min
Delta R.T.: 0.000 min
Response: 1823106
Conc: 11.04 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.346 min
Delta R.T.: 0.000 min
Response: 1435211
Conc: 10.78 ug/ml



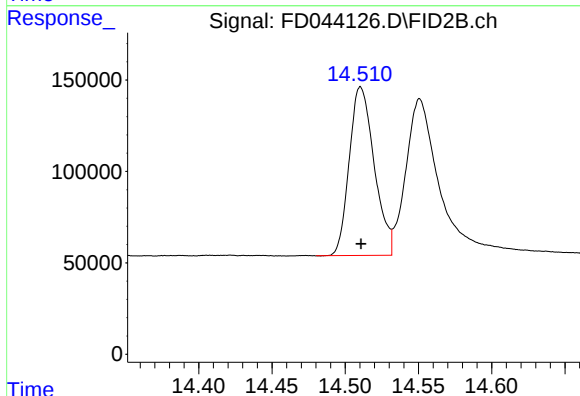
#13 Pyrene (C20.8)

R.T.: 12.641 min
Delta R.T.: 0.000 min
Response: 1344825
Conc: 10.70 ug/ml

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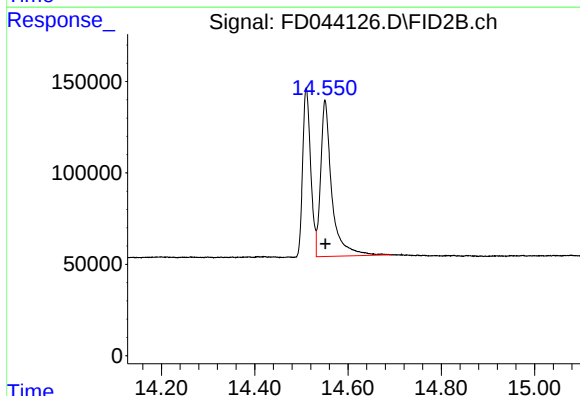
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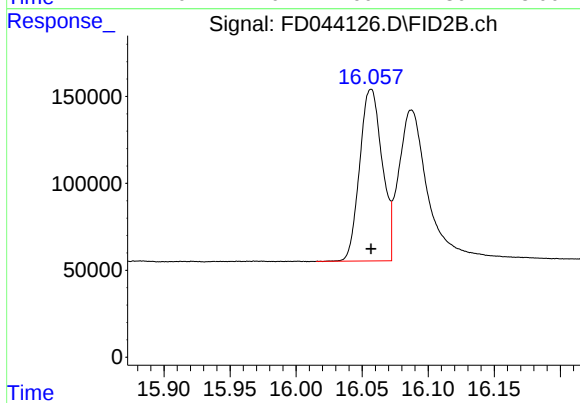
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.511 min
Delta R.T.: 0.000 min
Response: 1092303
Conc: 10.03 ug/ml



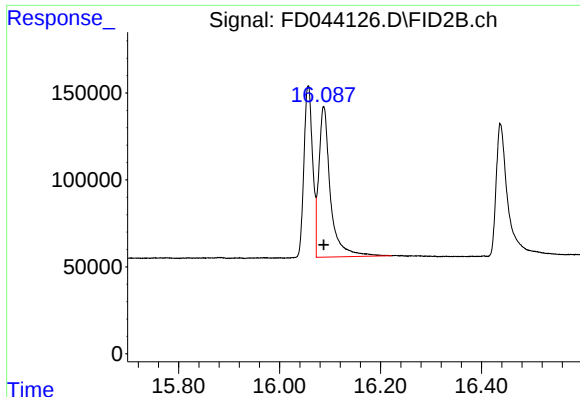
#15 Chrysene (C27.41)

R.T.: 14.551 min
Delta R.T.: 0.000 min
Response: 1417822
Conc: 11.15 ug/ml



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

R.T.: 16.057 min
Delta R.T.: 0.000 min
Response: 1171457
Conc: 10.38 ug/ml



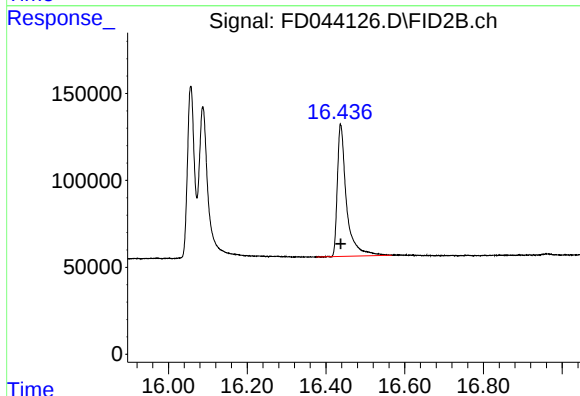
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.087 min
Delta R.T.: 0.000 min
Response: 1382415
Conc: 11.25 ug/ml

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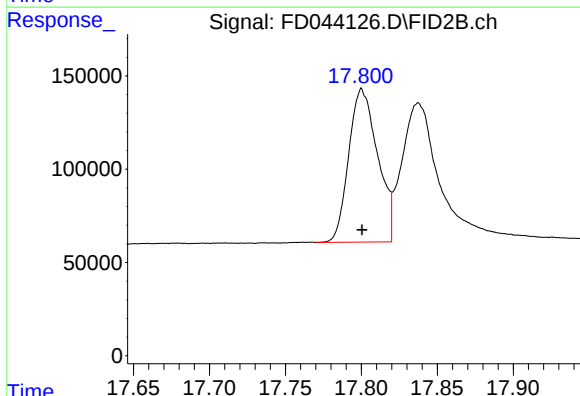
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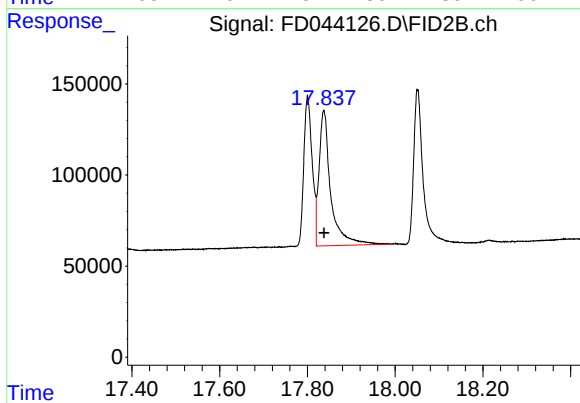
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.438 min
Delta R.T.: 0.000 min
Response: 1222775
Conc: 10.65 ug/ml



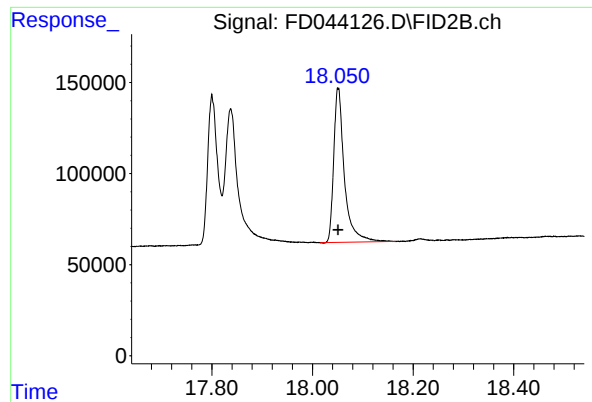
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.801 min
Delta R.T.: 0.000 min
Response: 1084848
Conc: 10.01 ug/ml



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

R.T.: 17.838 min
Delta R.T.: 0.000 min
Response: 1377856
Conc: 11.53 ug/ml



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

R.T.: 18.051 min
Delta R.T.: 0.000 min
Response: 1247108
Conc: 10.79 ug/ml

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