

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051723AR\
 Data File : FD045687.D
 Signal(s) : FID2B.ch
 Acq On : 18 May 2023 14:14
 Operator : YP/AJ
 Sample : PB152853BSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB152853BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/19/2023
 Supervised By :Ankita Jodhani 05/19/2023

Integration File: autoint1.e
 Quant Time: May 18 16:41:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 2023
 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...	7.544	7758458	45.485 ug/ml
Spiked Amount 50.000		Recovery =	90.97%
6) S 2-Fluorobiphenyl (SURR)	8.401	5008164	43.559 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.12%
11) S ortho-Terphenyl (SURR)	11.440	7994497	37.867 ug/ml
Spiked Amount 50.000		Recovery =	75.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	7157858	38.346 ug/ml
2) T Naphthalene (C11.7)	5.882	8063727	40.995 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	7989140	40.442 ug/ml
5) T Acenaphthylene (C15.06)	8.205	8611801	47.933 ug/ml
7) T Acenaphthene (C15.5)	8.502	9060302	47.611 ug/ml
8) T Flouorene (C16.55)	9.281	8961366	47.517 ug/ml
9) T Phenanthrene (C19.36)	10.672	9124862	49.092 ug/ml
10) T Anthracene (C19.43)	10.748	9182744	51.366 ug/ml
12) T Fluoranthene (C21.85)	12.477	8979315	49.775 ug/ml
13) T Pyrene (C20.8)	12.773	8959069	51.119 ug/ml
14) T Benzo[a]anthracene (C...	14.637	8224579	51.672 ug/ml
15) T Chrysene (C27.41)	14.681	8150104	50.192 ug/ml
16) T benzo[b]fluoranthene ...	16.180	7992702	54.270 ug/ml
17) T Bnezo[k]fluoranthene ...	16.216	7660238	52.978 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.555	7033138	50.443 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.914	6988754	55.007 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	7303872	56.870 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	7268362	56.508 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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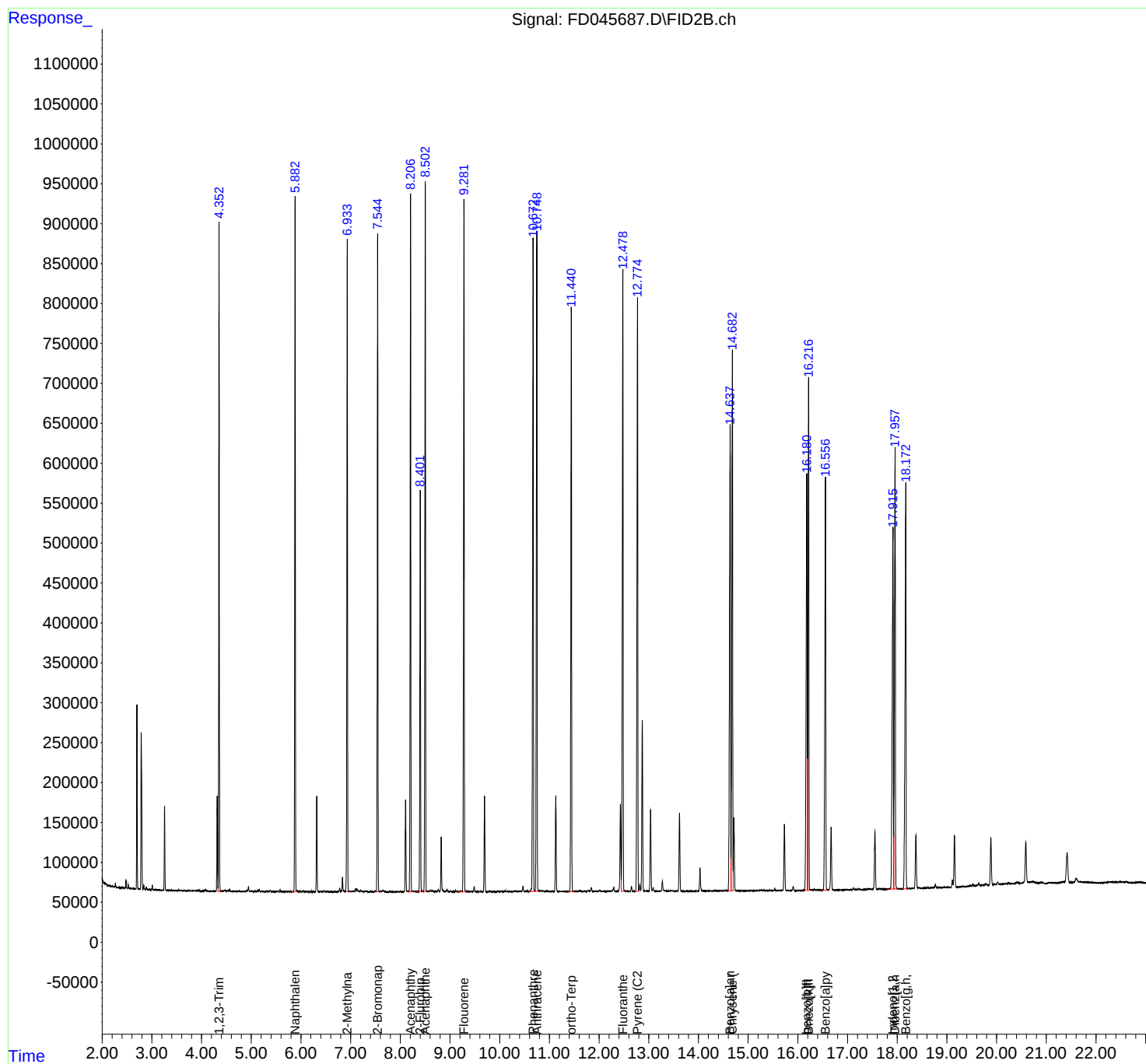
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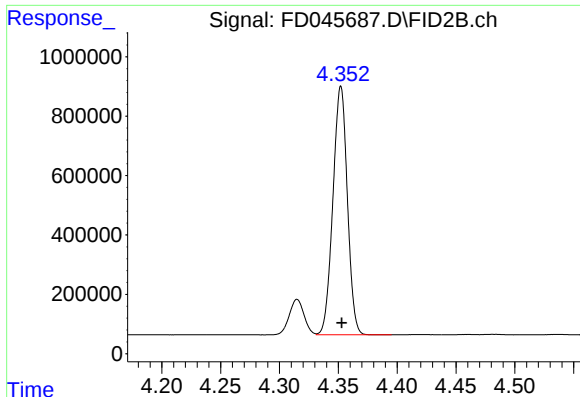
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.352 min
Delta R.T.: 0.000 min
Response: 7157858
Conc: 38.35 ug/ml

Instrument :

FID_D

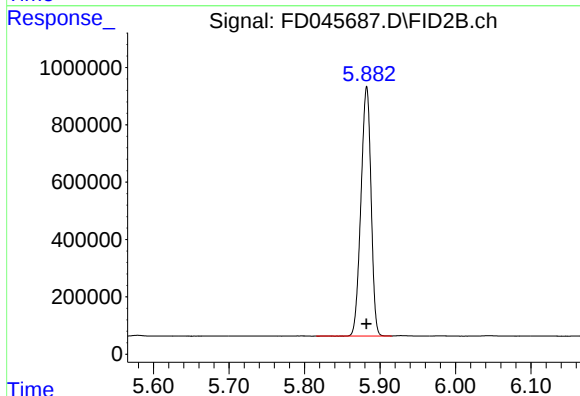
ClientSampleId :

PB152853BSD

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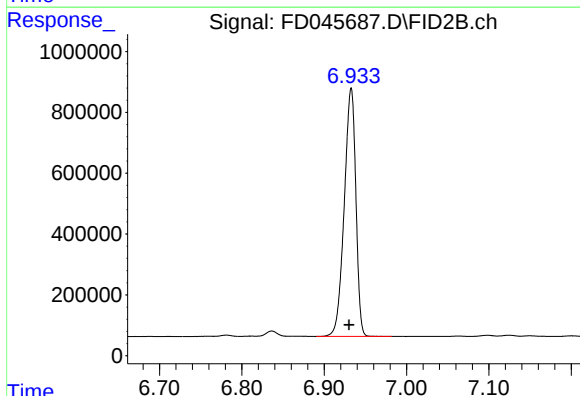
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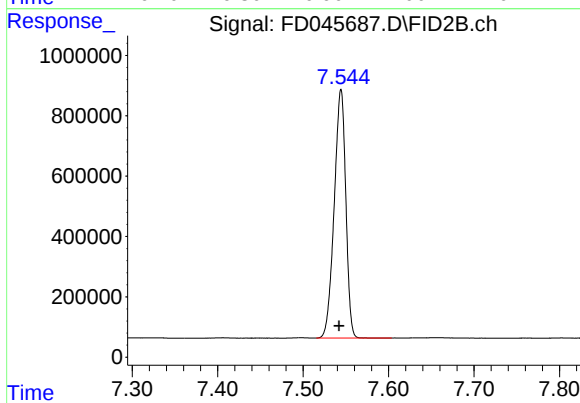
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 8063727
Conc: 40.99 ug/ml



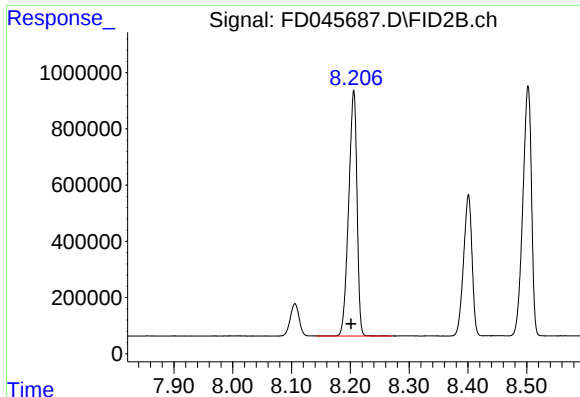
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: 0.002 min
Response: 7989140
Conc: 40.44 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.544 min
Delta R.T.: 0.002 min
Response: 7758458
Conc: 45.48 ug/ml



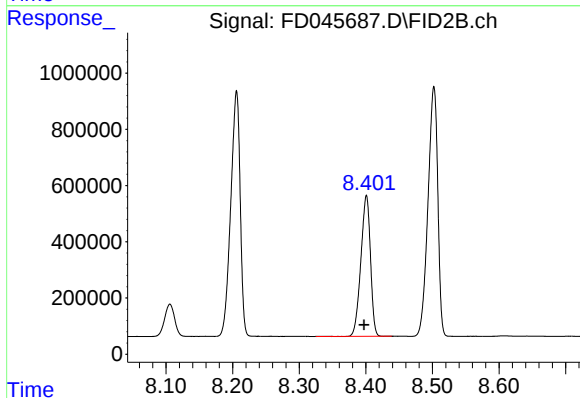
#5 Acenaphthylene (C15.06)

R.T.: 8.205 min
Delta R.T.: 0.004 min
Response: 8611801
Conc: 47.93 ug/ml

Instrument :
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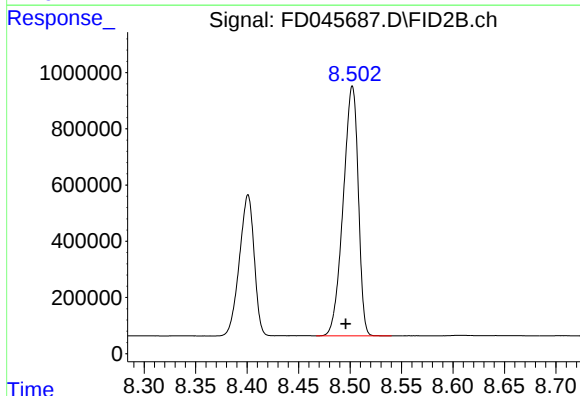
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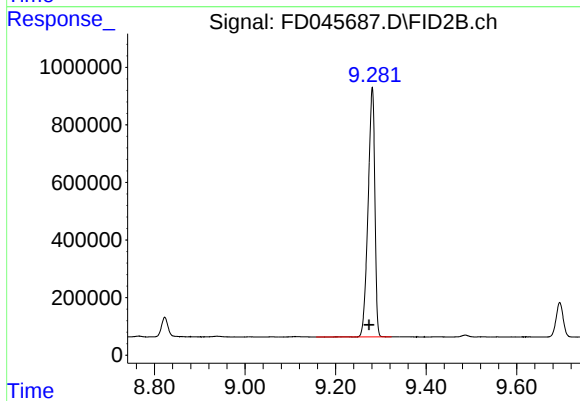
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.004 min
Response: 5008164
Conc: 43.56 ug/ml



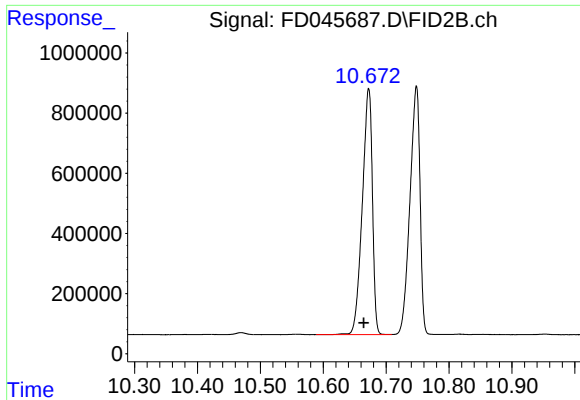
#7 Acenaphthene (C15.5)

R.T.: 8.502 min
Delta R.T.: 0.006 min
Response: 9060302
Conc: 47.61 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.281 min
Delta R.T.: 0.006 min
Response: 8961366
Conc: 47.52 ug/ml



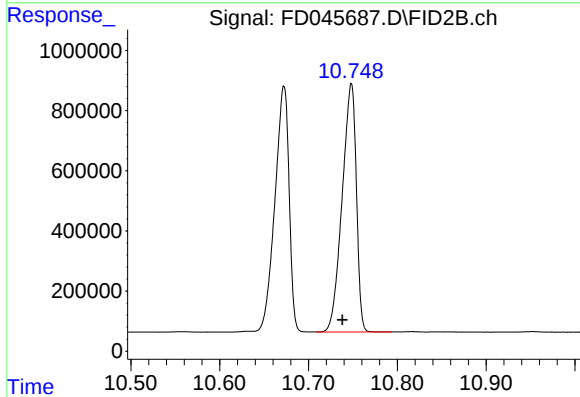
#9 Phenanthrene (C19.36)

R.T.: 10.672 min
Delta R.T.: 0.007 min
Response: 9124862
Conc: 49.09 ug/ml

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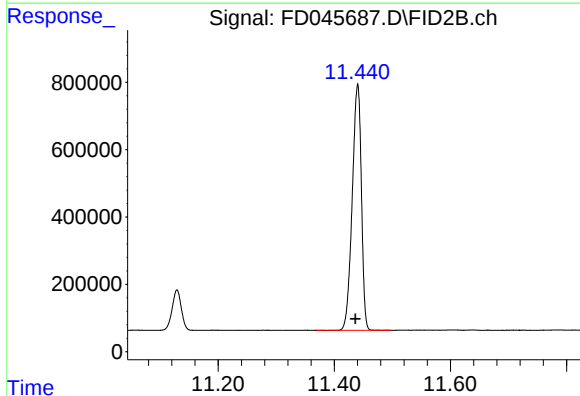
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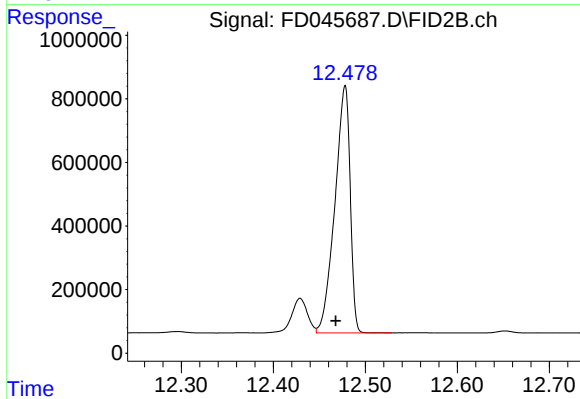
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: 0.010 min
Response: 9182744
Conc: 51.37 ug/ml



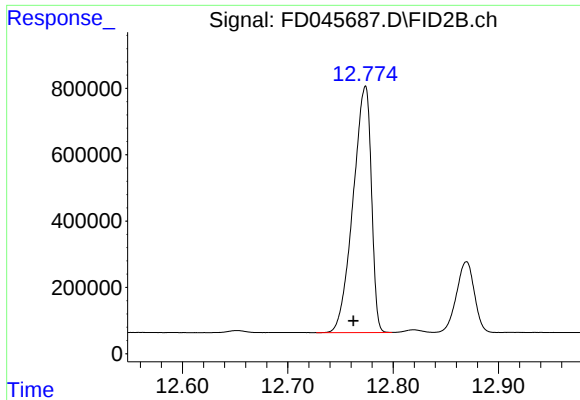
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: 0.004 min
Response: 7994497
Conc: 37.87 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.477 min
Delta R.T.: 0.009 min
Response: 8979315
Conc: 49.78 ug/ml



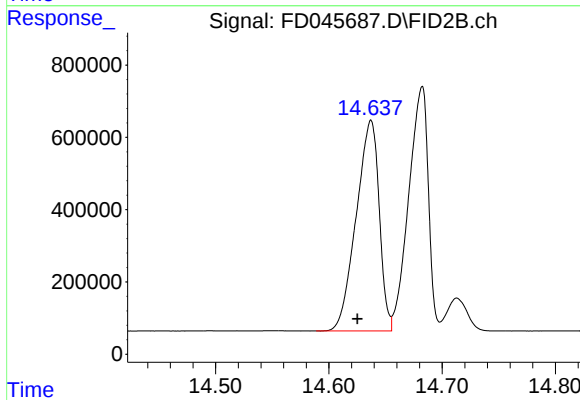
#13 Pyrene (C20.8)

R.T.: 12.773 min
Delta R.T.: 0.010 min
Response: 8959069
Conc: 51.12 ug/ml

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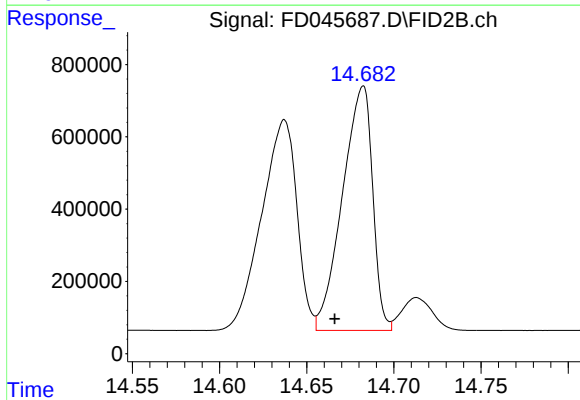
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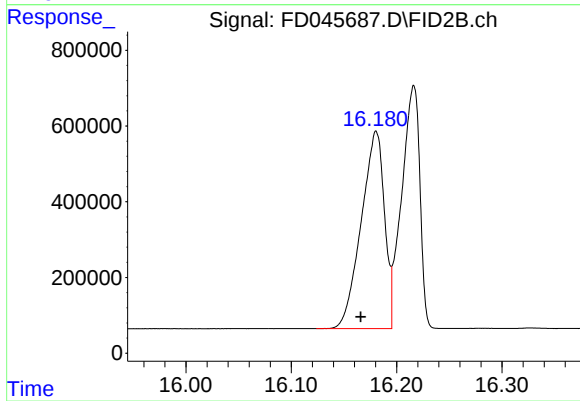
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: 0.011 min
Response: 8224579
Conc: 51.67 ug/ml



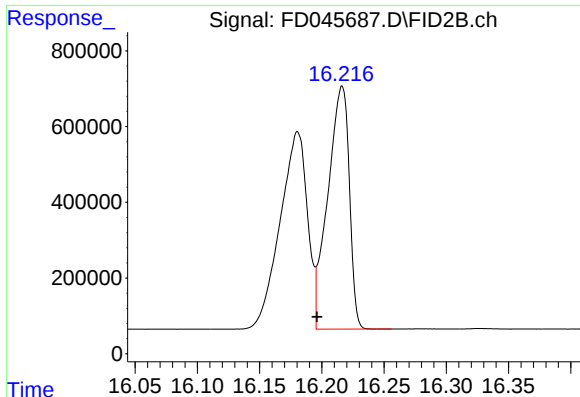
#15 Chrysene (C27.41)

R.T.: 14.681 min
Delta R.T.: 0.015 min
Response: 8150104
Conc: 50.19 ug/ml



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

R.T.: 16.180 min
Delta R.T.: 0.014 min
Response: 7992702
Conc: 54.27 ug/ml



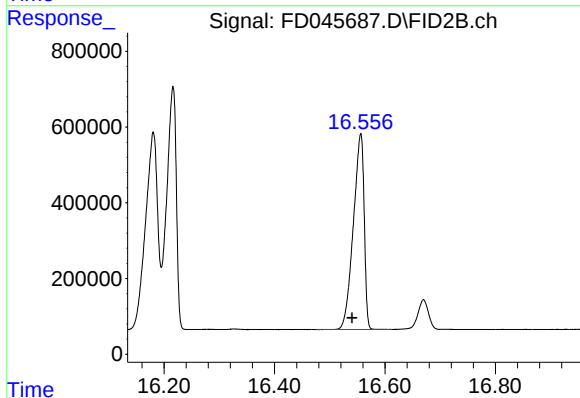
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.216 min
Delta R.T.: 0.020 min
Response: 7660238
Conc: 52.98 ug/ml

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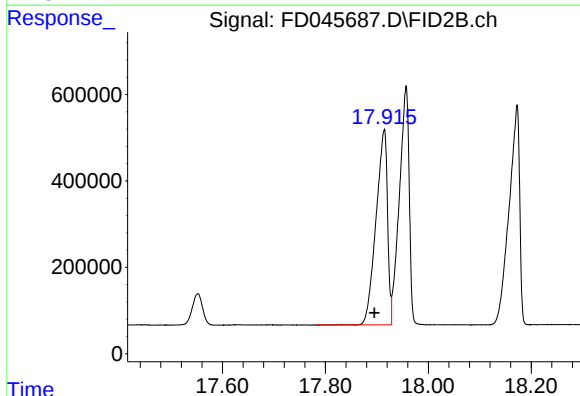
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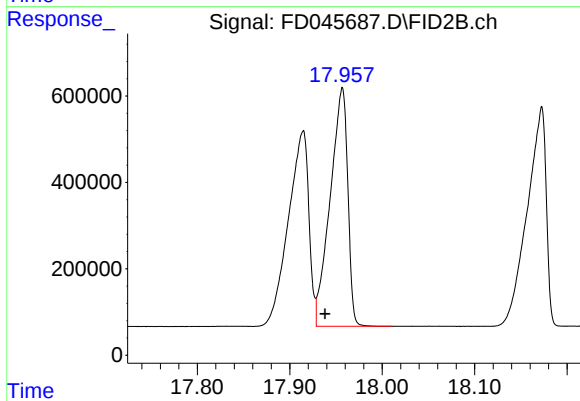
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.555 min
Delta R.T.: 0.015 min
Response: 7033138
Conc: 50.44 ug/ml



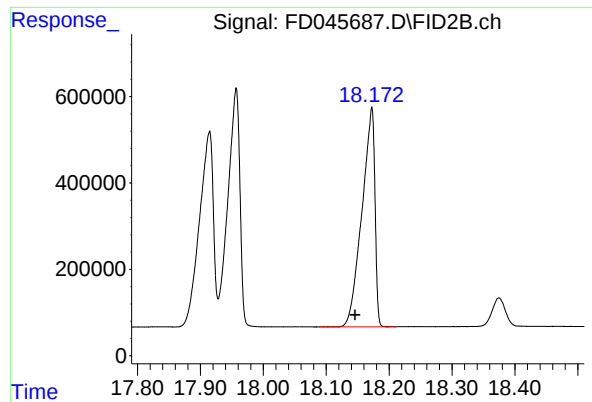
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.914 min
Delta R.T.: 0.018 min
Response: 6988754
Conc: 55.01 ug/ml



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

R.T.: 17.956 min
Delta R.T.: 0.018 min
Response: 7303872
Conc: 56.87 ug/ml



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

R.T.: 18.171 min
Delta R.T.: 0.026 min
Response: 7268362
Conc: 56.51 ug/ml

Instrument :

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