

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120624AR\
 Data File : FD048838.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2024 17:27
 Operator : YP/AJ
 Sample : PB165427BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB165427BSD

Manual Integrations
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Reviewed By :Yogesh
 Patel

Integration File: autoint1.e
 Quant Time: Dec 07 03:10:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

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 Jodhani

Compound	R.T.	Response	Conc Units
-----12/09/2024			
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.364	8146022	46.269 ug/ml
Spiked Amount 50.000		Recovery =	92.54%
6) S 2-Fluorobiphenyl (SURR)	8.214	5019098	43.580 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.16%
11) S ortho-Terphenyl (SURR)	11.249	8004387	41.617 ug/ml
Spiked Amount 50.000		Recovery =	83.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.186	4842511	25.695 ug/ml
2) T Naphthalene (C11.7)	5.703	6053171	30.951 ug/ml
3) T 2-Methylnaphthalene (...)	6.750	6133436	32.094 ug/ml
5) T Acenaphthylene (C15.06)	8.016	6754577	34.831 ug/ml
7) T Acenaphthene (C15.5)	8.311	7305415	37.981 ug/ml
8) T Flouorene (C16.55)	9.090	7389902	38.519 ug/ml
9) T Phenanthrene (C19.36)	10.477	7490909	40.866 ug/ml
10) T Anthracene (C19.43)	10.553	7695486	41.093 ug/ml
12) T Fluoranthene (C21.85)	12.282	7607143	41.541 ug/mlm
13) T Pyrene (C20.8)	12.575	8018172	44.350 ug/ml
14) T Benzo[a]anthracene (C...	14.444	6901809	41.956 ug/ml
15) T Chrysene (C27.41)	14.487	6959994	39.768 ug/ml
16) T benzo[b]fluoranthene ...	15.994	6732668	42.851 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.027	6667120	40.853 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.368	6309288	42.317 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.735	6270529	50.761 ug/ml
20) T Dibenz[a,h]anthracene...	17.772	6254521	39.885 ug/ml
21) T Benzo[g,h,i]perylene ...	17.986	5906702	41.396 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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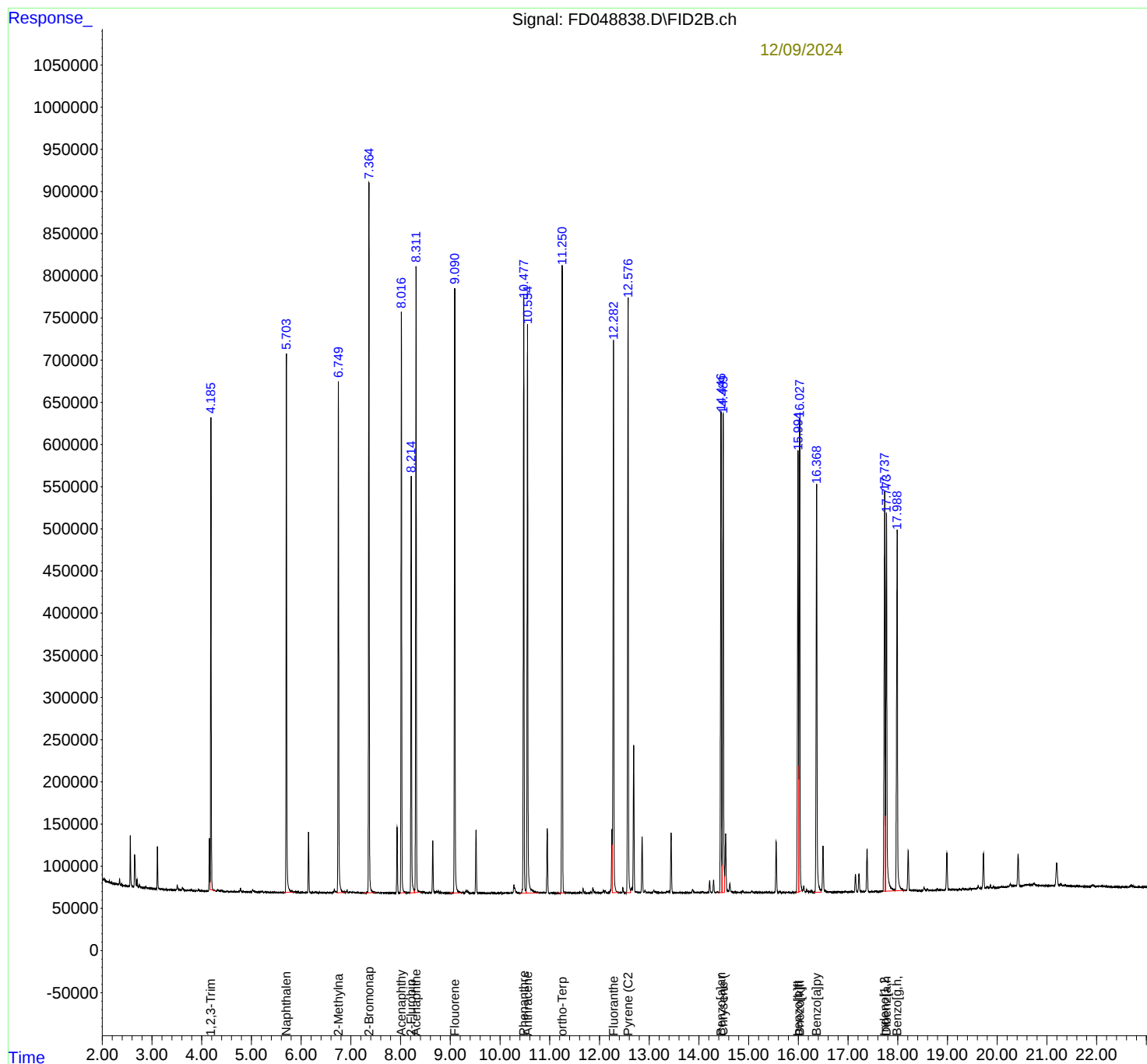
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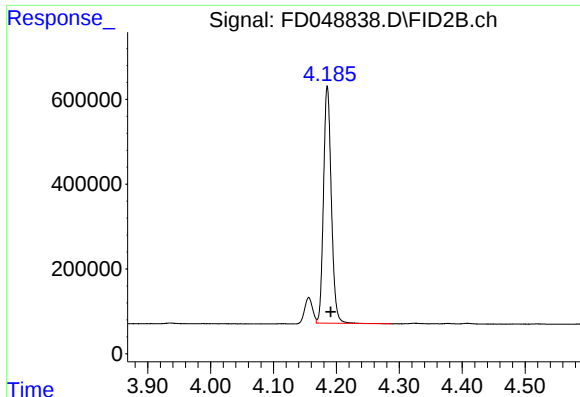
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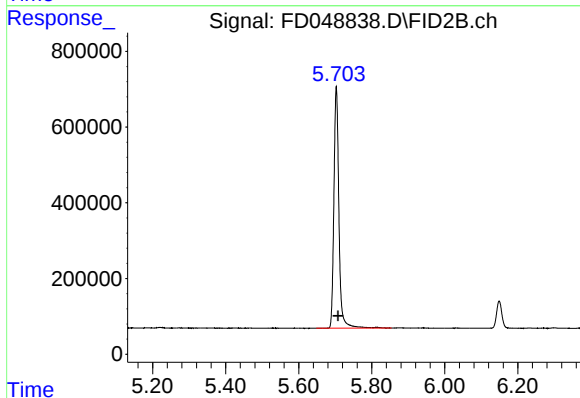
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.186 min
Delta R.T.: -0.005 min
Response: 4842511
Conc: 25.69 ug/ml

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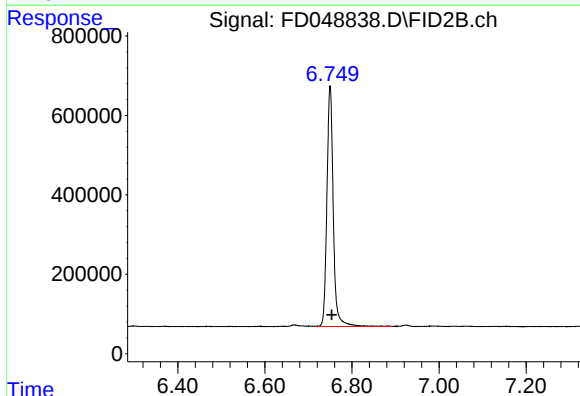


#2 Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: -0.005 min
Response: 6053171
Conc: 30.95 ug/ml

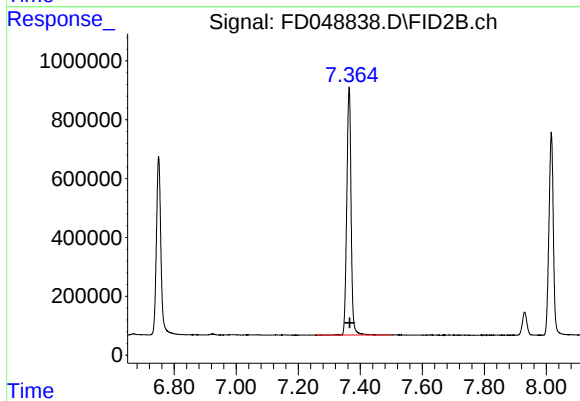
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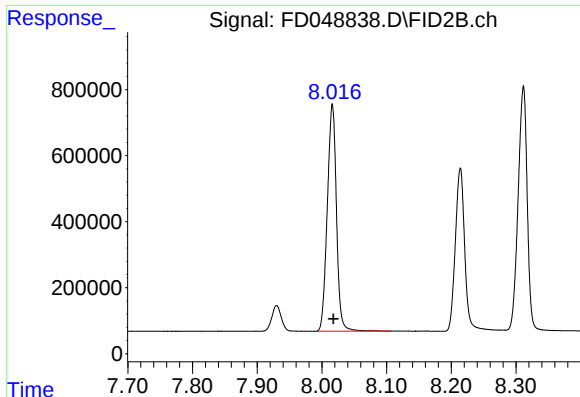
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.750 min
Delta R.T.: -0.004 min
Response: 6133436
Conc: 32.09 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.364 min
Delta R.T.: -0.003 min
Response: 8146022
Conc: 46.27 ug/ml



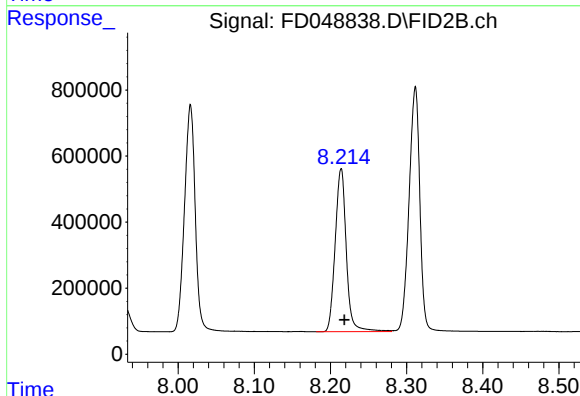
#5 Acenaphthylene (C15.06)

R.T.: 8.016 min
Delta R.T.: -0.002 min
Response: 6754577
Conc: 34.83 ug/ml

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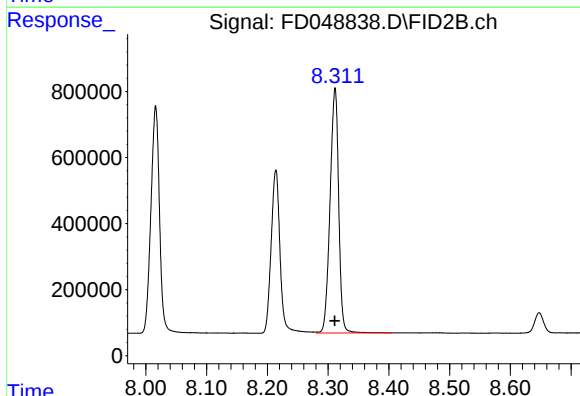


#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: -0.005 min
Response: 5019098
Conc: 43.58 ug/ml

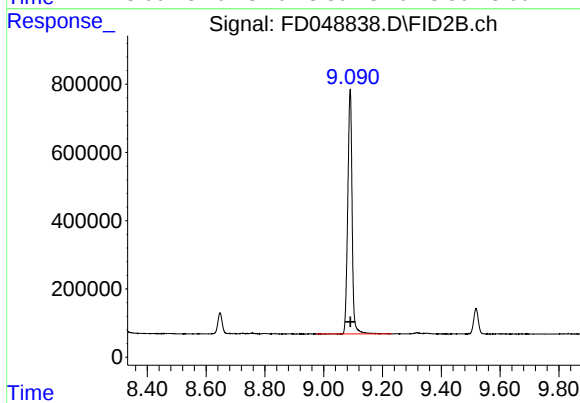
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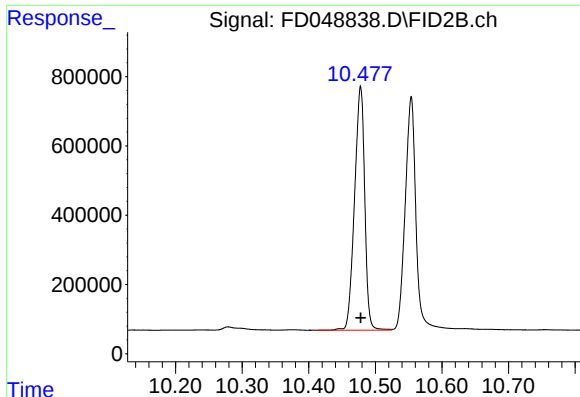
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 7305415
Conc: 37.98 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.090 min
Delta R.T.: -0.002 min
Response: 7389902
Conc: 38.52 ug/ml



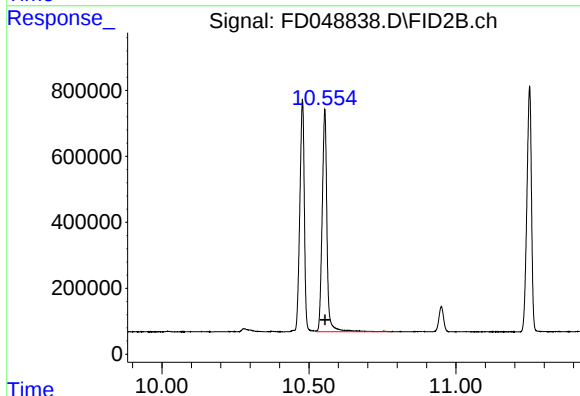
#9 Phenanthrene (C19.36)

R.T.: 10.477 min
Delta R.T.: -0.001 min
Response: 7490909
Conc: 40.87 ug/ml

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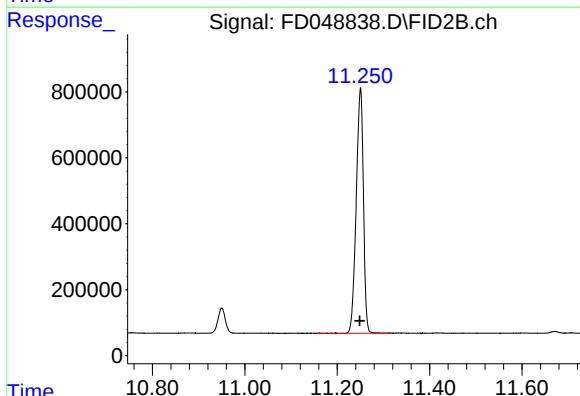


#10 Anthracene (C19.43)

R.T.: 10.553 min
Delta R.T.: -0.001 min
Response: 7695486
Conc: 41.09 ug/ml

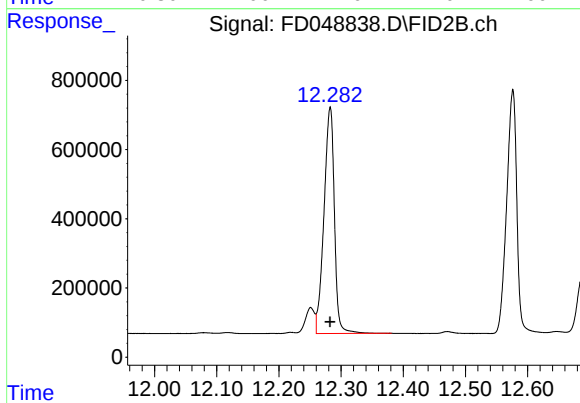
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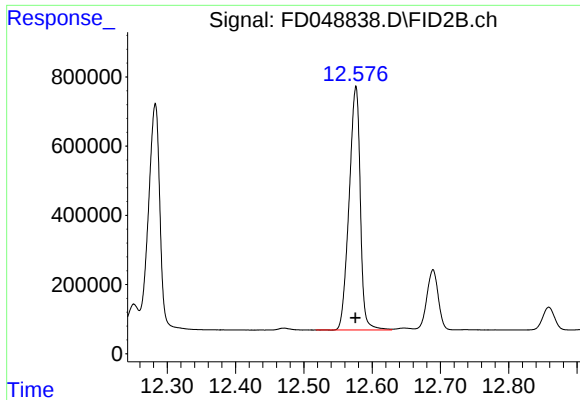
#11 ortho-Terphenyl (SURR)

R.T.: 11.249 min
Delta R.T.: 0.000 min
Response: 8004387
Conc: 41.62 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.282 min
Delta R.T.: 0.000 min
Response: 7607143
Conc: 41.54 ug/ml m



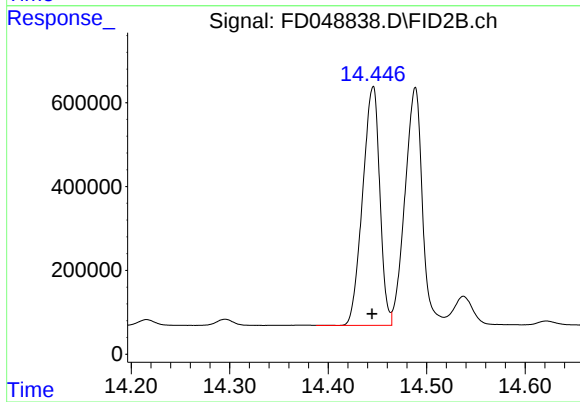
#13 Pyrene (C20.8)

R.T.: 12.575 min
Delta R.T.: 0.000 min
Response: 8018172
Conc: 44.35 ug/ml

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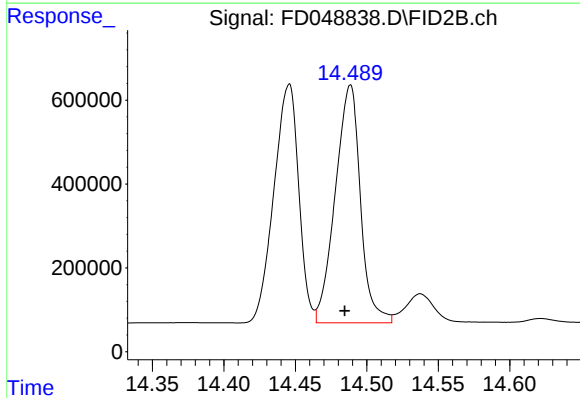


#14 Benzo[a]anthracene (C26.37)

R.T.: 14.444 min
Delta R.T.: 0.000 min
Response: 6901809
Conc: 41.96 ug/ml

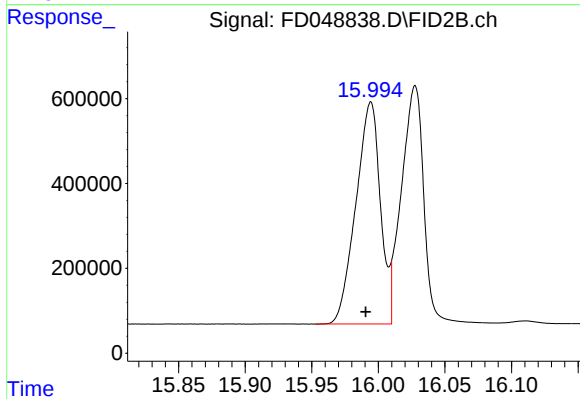
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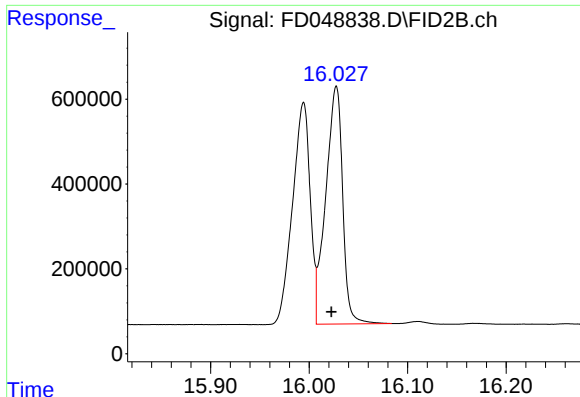
#15 Chrysene (C27.41)

R.T.: 14.487 min
Delta R.T.: 0.003 min
Response: 6959994
Conc: 39.77 ug/ml



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

R.T.: 15.994 min
Delta R.T.: 0.004 min
Response: 6732668
Conc: 42.85 ug/ml m



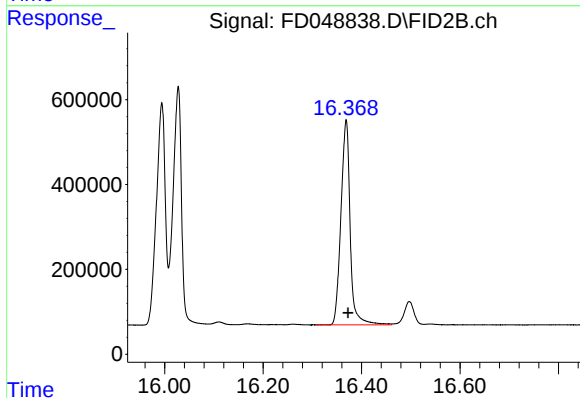
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.027 min
Delta R.T.: 0.005 min
Response: 6667120
Conc: 40.85 ug/ml

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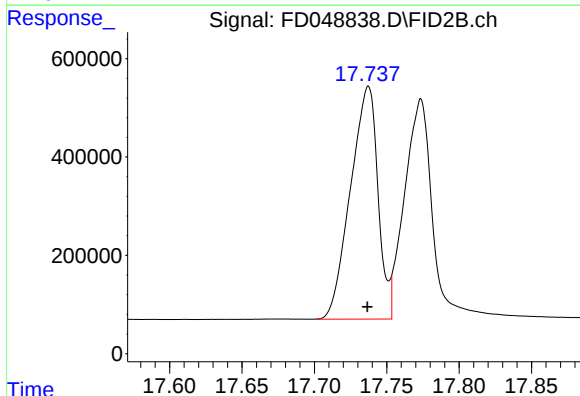


#18 Benzo[a]pyrene (C31.34)

R.T.: 16.368 min
Delta R.T.: -0.005 min
Response: 6309288
Conc: 42.32 ug/ml

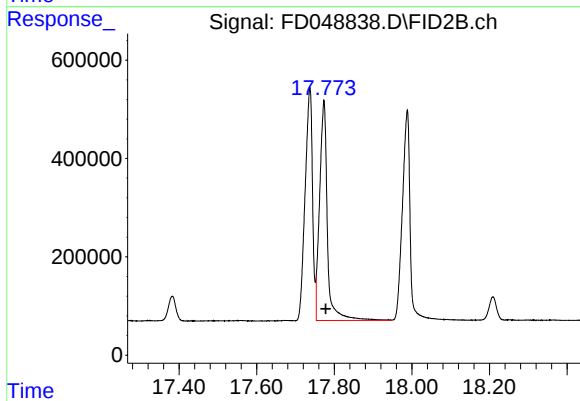
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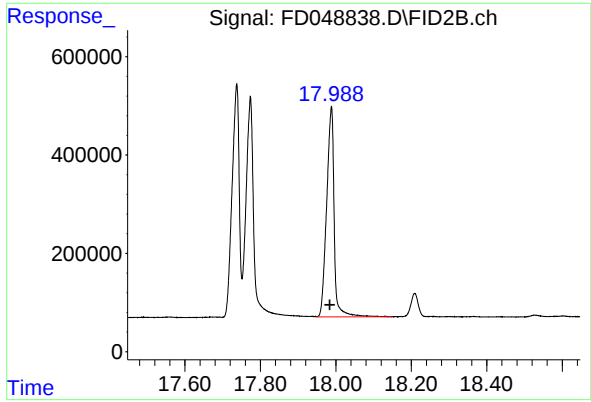
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.735 min
Delta R.T.: -0.001 min
Response: 6270529
Conc: 50.76 ug/ml



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

R.T.: 17.772 min
Delta R.T.: -0.006 min
Response: 6254521
Conc: 39.89 ug/ml



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

R.T.: 17.986 min
Delta R.T.: 0.002 min
Response: 5906702
Conc: 41.40 ug/ml

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