

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042722AR\
 Data File : FD042137.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2022 14:30
 Operator : UA/NP
 Sample : PB144387BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144387BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/28/2022
 Supervised By :mohammad ahmed 04/28/2022

Integration File: sample.E
 Quant Time: Apr 28 03:32:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.327	5912170	42.179 ug/ml
Spiked Amount 50.000		Recovery =	84.36%
6) S 2-Fluorobiphenyl (SURR)	8.177	3528086	49.515 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.03%
11) S ortho-Terphenyl (SURR)	11.206	6630818	38.255 ug/ml
Spiked Amount 50.000		Recovery =	76.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.151	4928817	31.660 ug/mlm
2) T Naphthalene (C11.7)	5.670	5769315	36.573 ug/ml
3) T 2-Methylnaphthalene (...)	6.716	5689584	39.346 ug/ml
5) T Acenaphthylene (C15.06)	7.978	6058792	36.764 ug/ml
7) T Acenaphthene (C15.5)	8.272	6798003	36.209 ug/ml
8) T Flouorene (C16.55)	9.050	6640790	43.599 ug/ml
9) T Phenanthrene (C19.36)	10.437	6926926	46.650 ug/ml
10) T Anthracene (C19.43)	10.512	7209063	43.062 ug/ml
12) T Fluoranthene (C21.85)	12.239	7131159	45.462 ug/ml
13) T Pyrene (C20.8)	12.532	6970809	42.738 ug/ml
14) T Benzo[a]anthracene (C...	14.404	6319242	52.828 ug/ml
15) T Chrysene (C27.41)	14.446	6188340	33.731 ug/ml
16) T benzo[b]fluoranthene ...	15.953	6174066	47.023 ug/ml
17) T Bnezo[k]fluoranthene ...	15.987	6734676	38.955 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.329	5670257	38.431 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.699	5689367	57.001 ug/mlm
20) T Dibenz[a,h]anthracene...	17.735	6350037	40.457 ug/ml
21) T Benzo[g,h,i]perylene ...	17.949	6082012	43.917 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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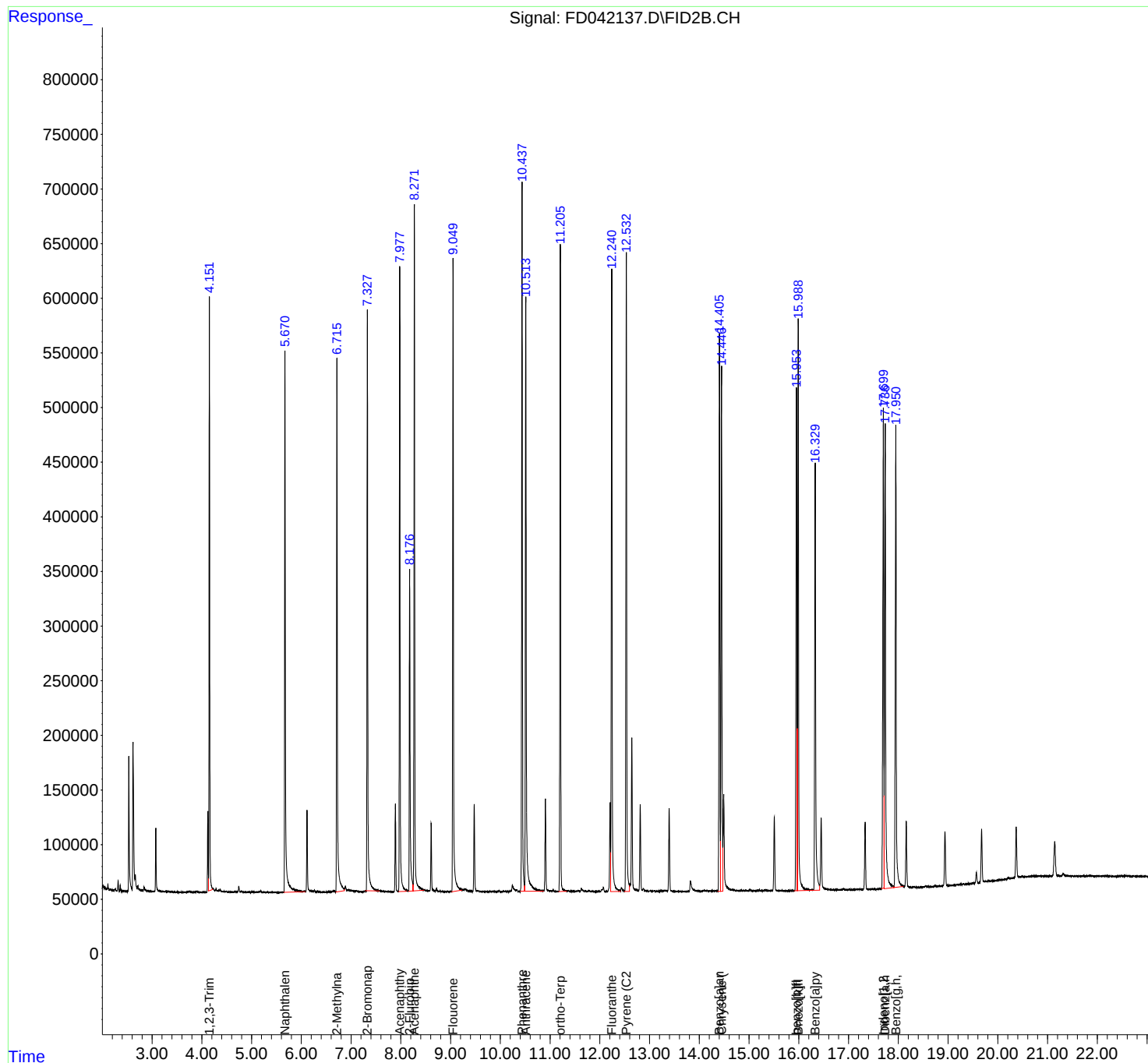
Instrument :
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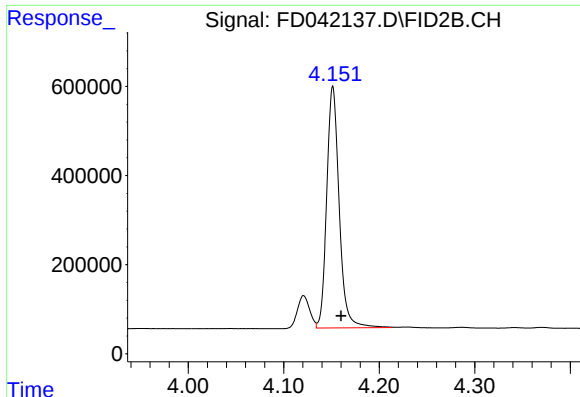
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.151 min
Delta R.T.: -0.009 min
Response: 4928817
Conc: 31.66 ug/ml

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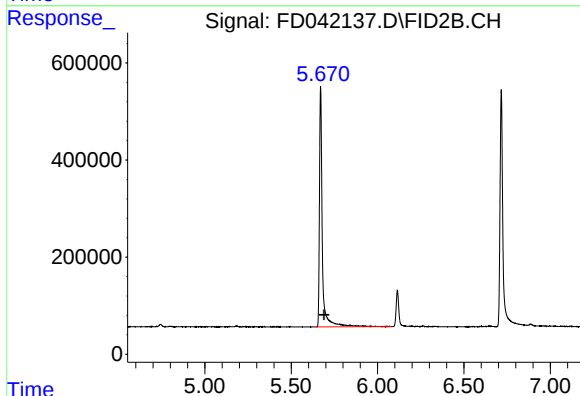
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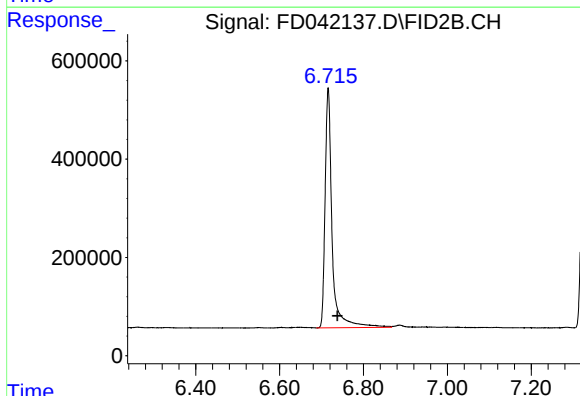
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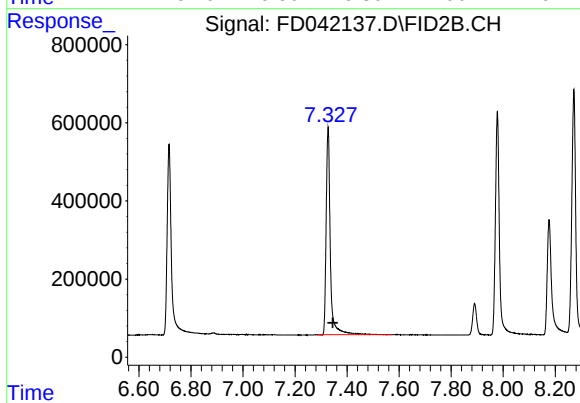
#2 Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: -0.020 min
Response: 5769315
Conc: 36.57 ug/ml



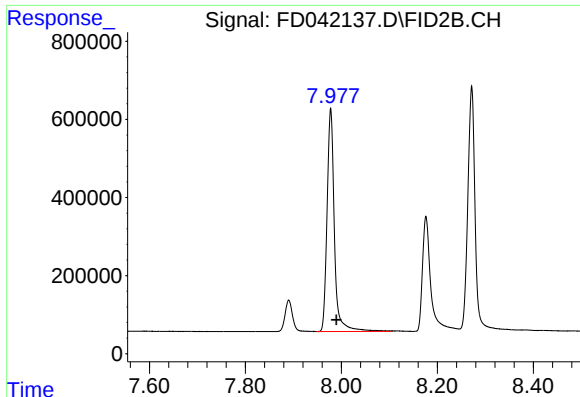
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.716 min
Delta R.T.: -0.022 min
Response: 5689584
Conc: 39.35 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.327 min
Delta R.T.: -0.018 min
Response: 5912170
Conc: 42.18 ug/ml



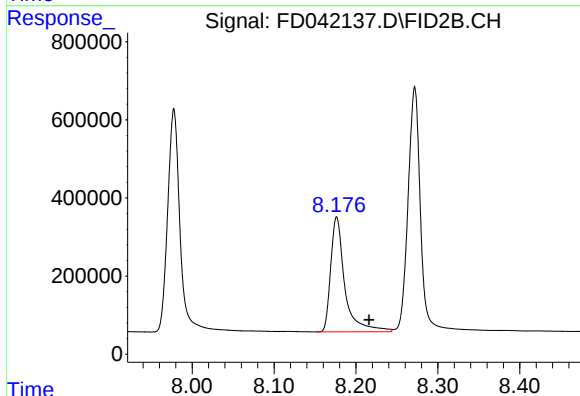
#5 Acenaphthylene (C15.06)

R.T.: 7.978 min
Delta R.T.: -0.012 min
Response: 6058792
Conc: 36.76 ug/ml

Instrument :
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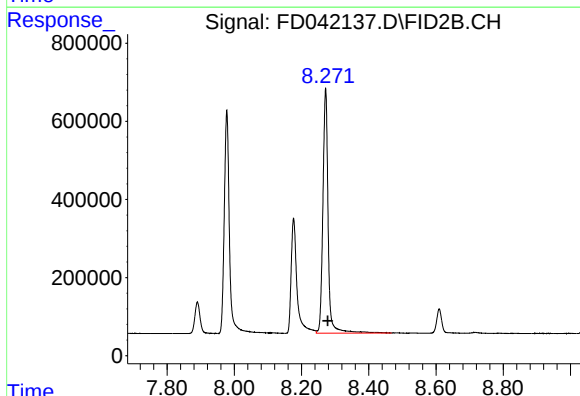
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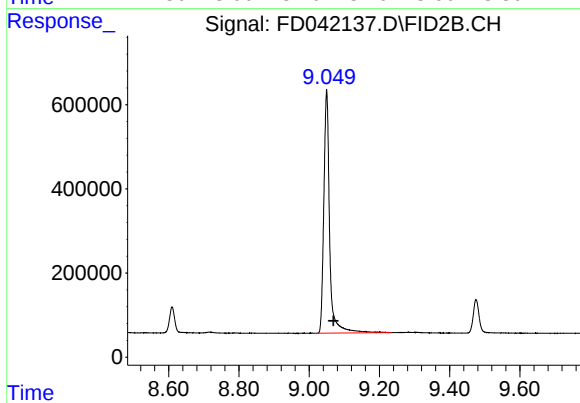
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.177 min
Delta R.T.: -0.039 min
Response: 3528086
Conc: 49.52 ug/ml



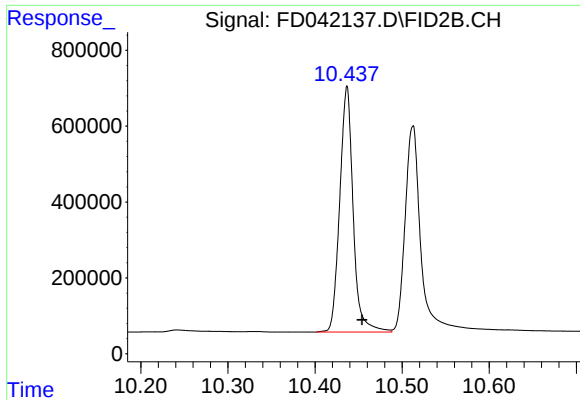
#7 Acenaphthene (C15.5)

R.T.: 8.272 min
Delta R.T.: -0.006 min
Response: 6798003
Conc: 36.21 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.050 min
Delta R.T.: -0.020 min
Response: 6640790
Conc: 43.60 ug/ml



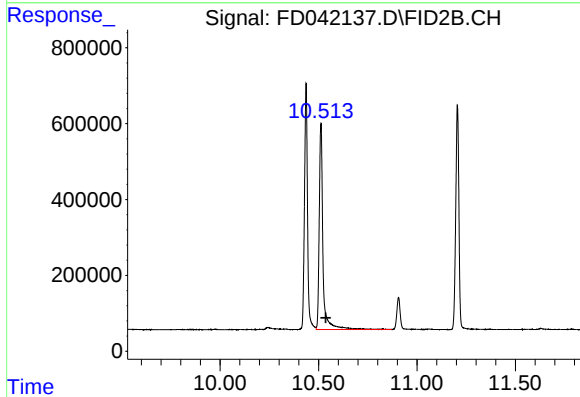
#9 Phenanthrene (C19.36)

R.T.: 10.437 min
Delta R.T.: -0.018 min
Response: 6926926
Conc: 46.65 ug/ml

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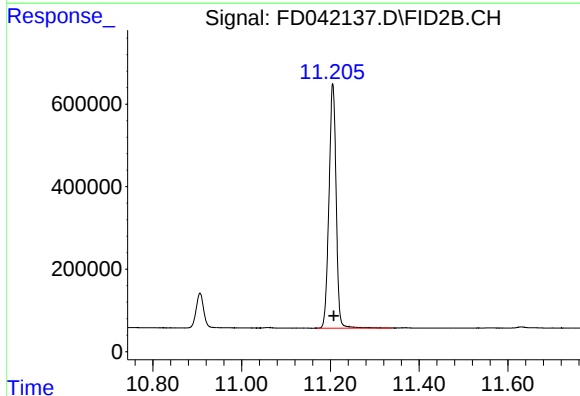
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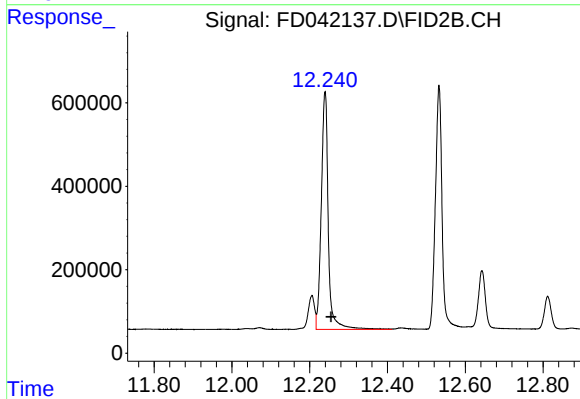
#10 Anthracene (C19.43)

R.T.: 10.512 min
Delta R.T.: -0.025 min
Response: 7209063
Conc: 43.06 ug/ml



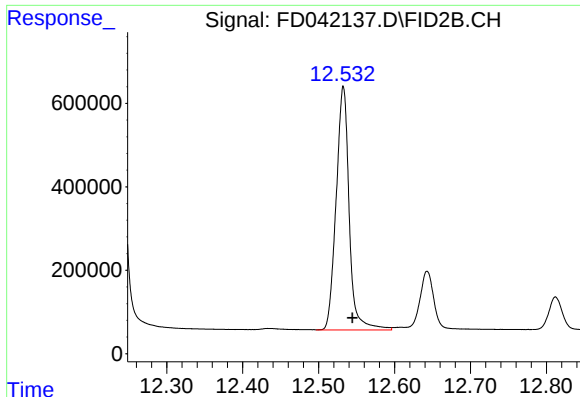
#11 ortho-Terphenyl (SURR)

R.T.: 11.206 min
Delta R.T.: -0.002 min
Response: 6630818
Conc: 38.26 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.239 min
Delta R.T.: -0.016 min
Response: 7131159
Conc: 45.46 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.532 min
Delta R.T.: -0.012 min
Response: 6970809
Conc: 42.74 ug/ml

Instrument :

FID_D

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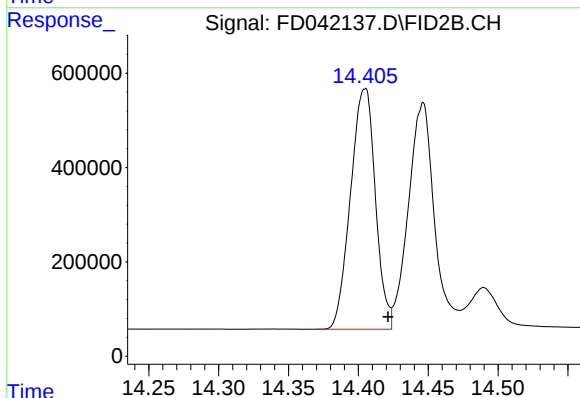
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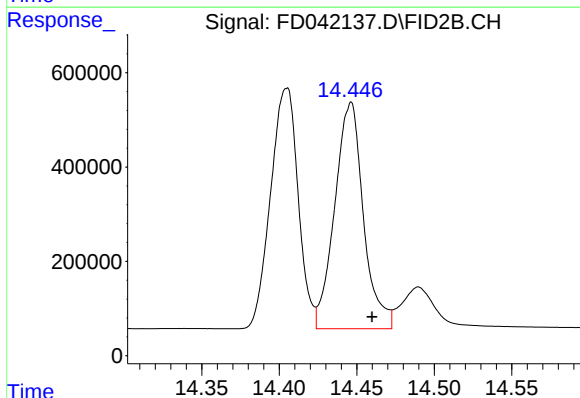
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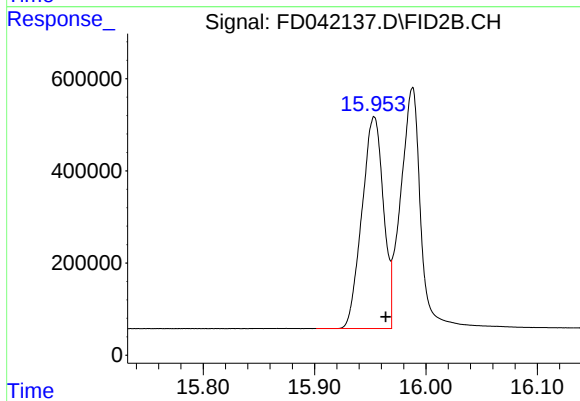
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.404 min
Delta R.T.: -0.017 min
Response: 6319242
Conc: 52.83 ug/ml



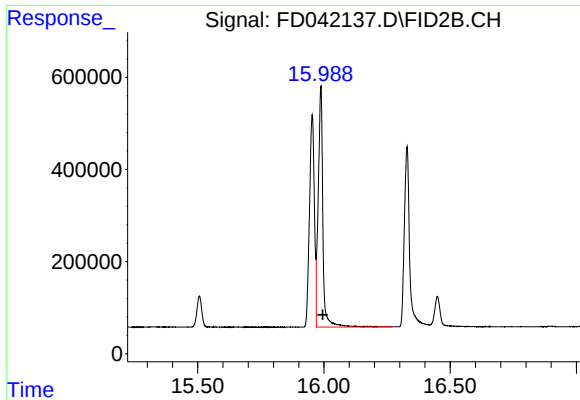
#15 Chrysene (C27.41)

R.T.: 14.446 min
Delta R.T.: -0.014 min
Response: 6188340
Conc: 33.73 ug/ml



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

R.T.: 15.953 min
Delta R.T.: -0.011 min
Response: 6174066
Conc: 47.02 ug/ml



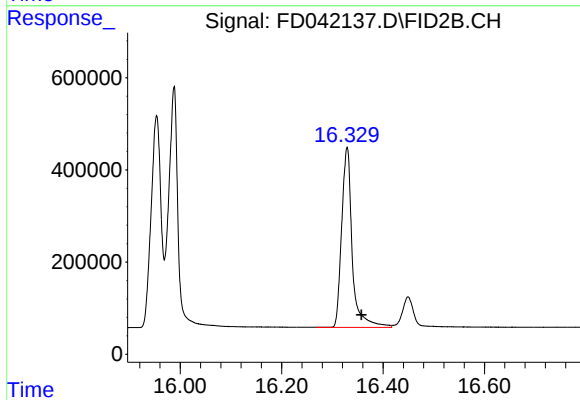
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.987 min
Delta R.T.: -0.008 min
Response: 6734676
Conc: 38.95 ug/ml

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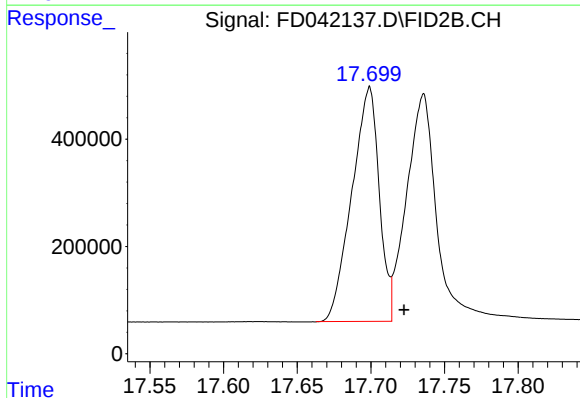
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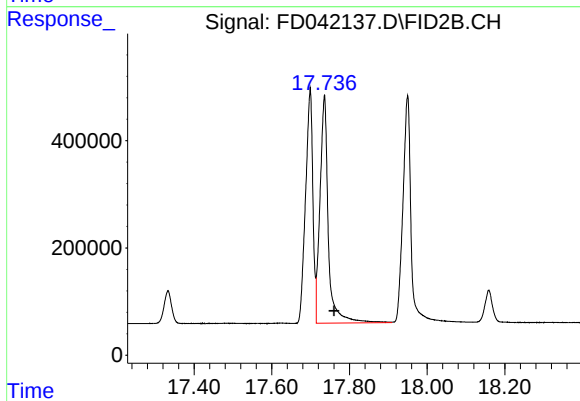
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.329 min
Delta R.T.: -0.029 min
Response: 5670257
Conc: 38.43 ug/ml



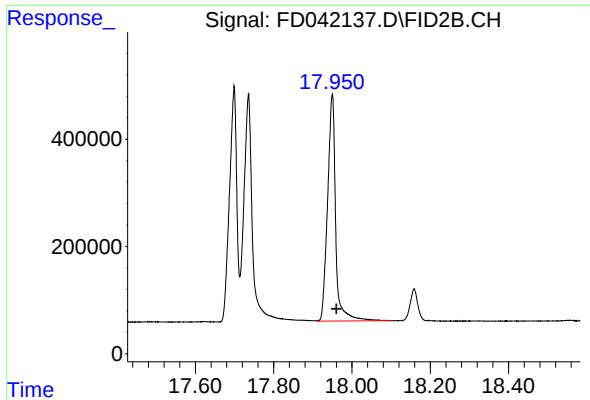
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.699 min
Delta R.T.: -0.024 min
Response: 5689367
Conc: 57.00 ug/ml m



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

R.T.: 17.735 min
Delta R.T.: -0.025 min
Response: 6350037
Conc: 40.46 ug/ml



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

R.T.: 17.949 min
Delta R.T.: -0.011 min
Response: 6082012
Conc: 43.92 ug/ml

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