

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050322AR\
 Data File : FD042272.D
 Signal(s) : FID2B.CH
 Acq On : 03 May 2022 20:38
 Operator : UA/NP
 Sample : N2618-06MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SB-06MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2022
 Supervised By :mohammad ahmed 05/06/2022

Integration File: sample.E
 Quant Time: May 04 02:37:37 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...	7.347	6276942	44.782 ug/ml
Spiked Amount 50.000		Recovery =	89.56%
6) S 2-Fluorobiphenyl (SURR)	8.198	3837759	53.862 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.72%
11) S ortho-Terphenyl (SURR)	11.224	5268804	30.397 ug/ml
Spiked Amount 50.000		Recovery =	60.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	4394833	28.230 ug/mlm
2) T Naphthalene (C11.7)	5.692	4794446	30.393 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	4905932	33.926 ug/ml
5) T Acenaphthylene (C15.06)	7.998	5049366	30.639 ug/ml
7) T Acenaphthene (C15.5)	8.292	5797164	30.878 ug/ml
8) T Flouorene (C16.55)	9.070	5430443	35.653 ug/ml
9) T Phenanthrene (C19.36)	10.457	5202111	35.034 ug/ml
10) T Anthracene (C19.43)	10.532	5369642	32.075 ug/ml
12) T Fluoranthene (C21.85)	12.260	5118682	32.632 ug/ml
13) T Pyrene (C20.8)	12.553	4996503	30.634 ug/ml
14) T Benzo[a]anthracene (C...	14.425	4468813	37.359 ug/ml
15) T Chrysene (C27.41)	14.466	4551166	24.807 ug/ml
16) T benzo[b]fluoranthene ...	15.974	4361700	33.220 ug/ml
17) T Bnezo[k]fluoranthene ...	16.006	4846096	28.031 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.351	4024986	27.280 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.720	3961654	39.691 ug/ml
20) T Dibenz[a,h]anthracene...	17.756	4621333	29.443 ug/ml
21) T Benzo[g,h,i]perylene ...	17.970	4193052	30.277 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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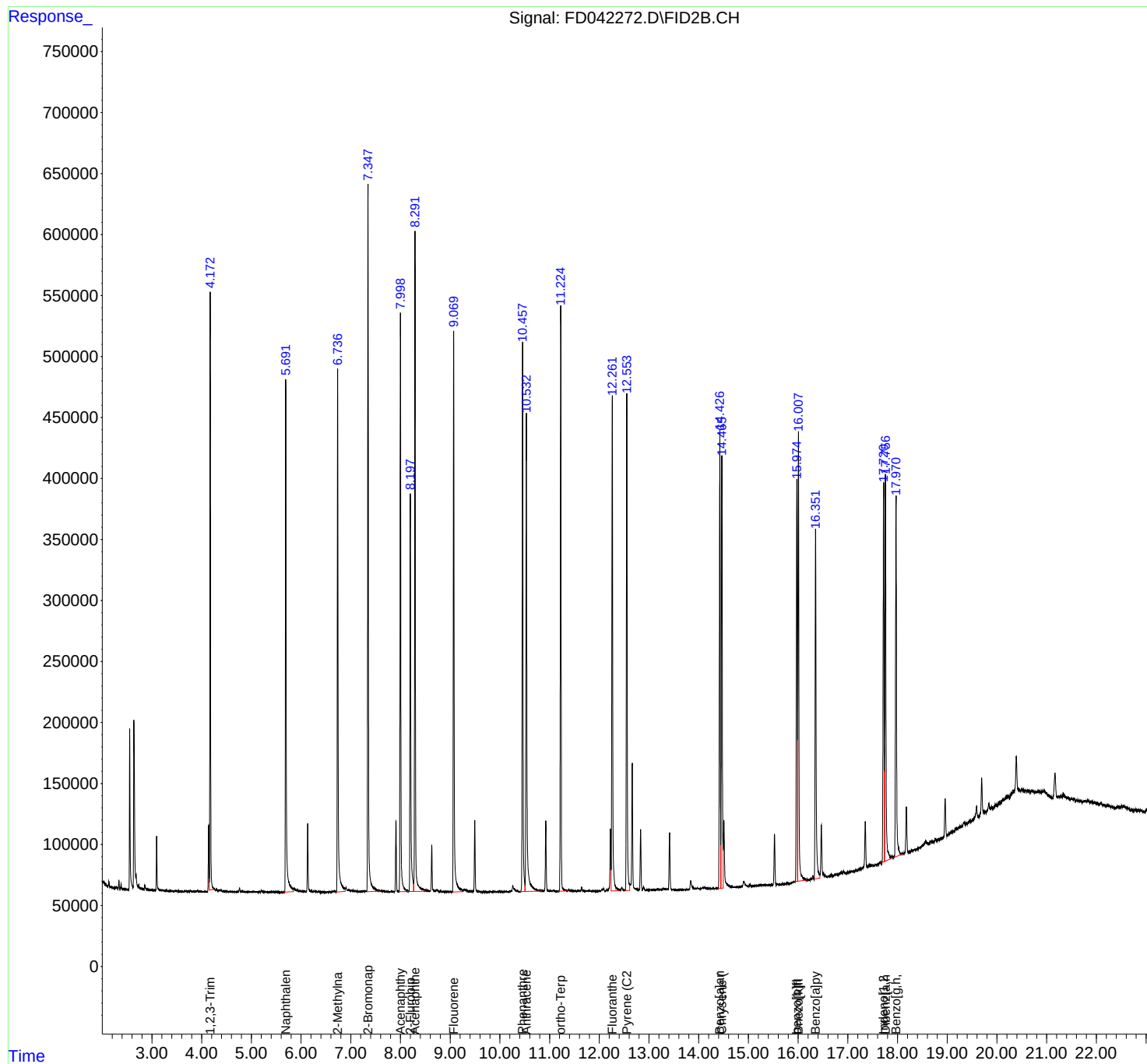
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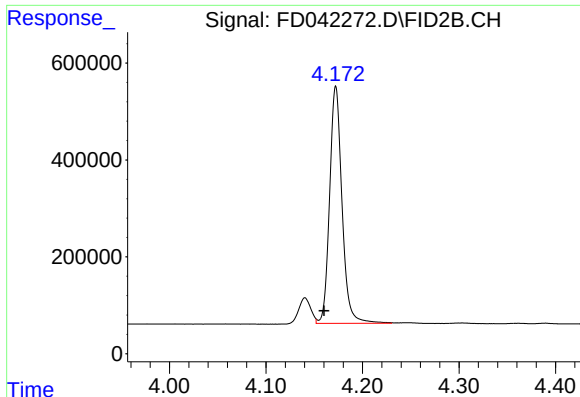
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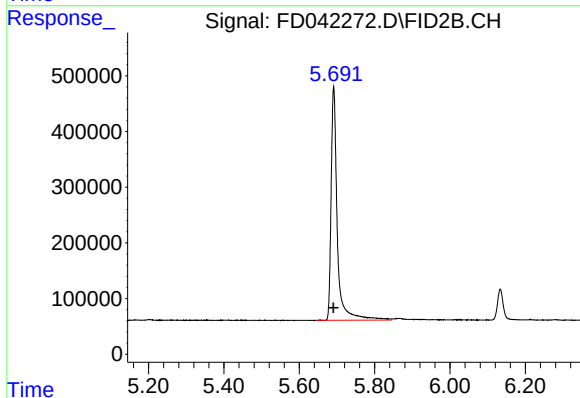
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.172 min
Delta R.T.: 0.012 min
Response: 4394833
Conc: 28.23 ug/ml

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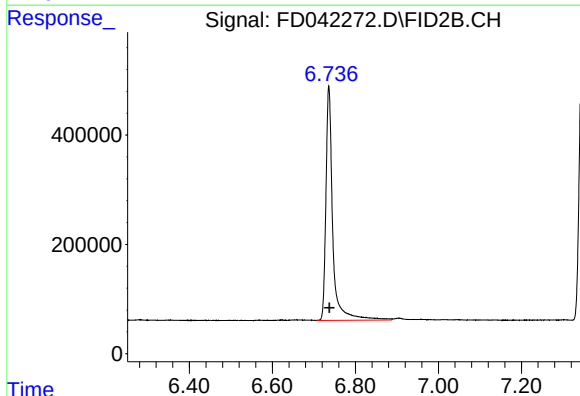
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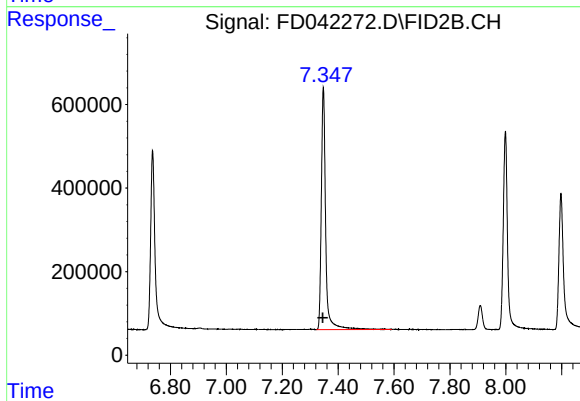
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: 0.001 min
Response: 4794446
Conc: 30.39 ug/ml



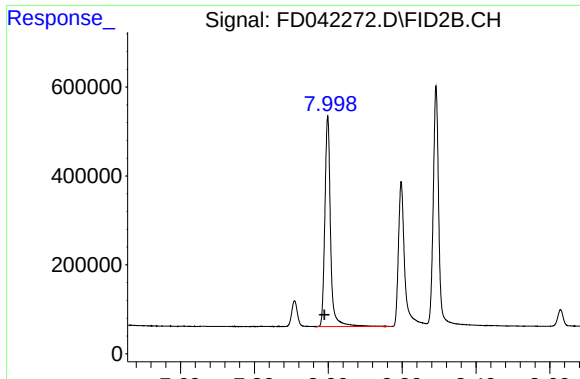
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.002 min
Response: 4905932
Conc: 33.93 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.347 min
Delta R.T.: 0.002 min
Response: 6276942
Conc: 44.78 ug/ml



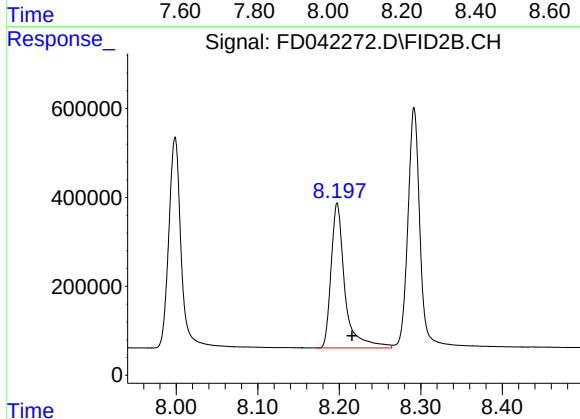
#5 Acenaphthylene (C15.06)

R.T.: 7.998 min
Delta R.T.: 0.009 min
Response: 5049366
Conc: 30.64 ug/ml

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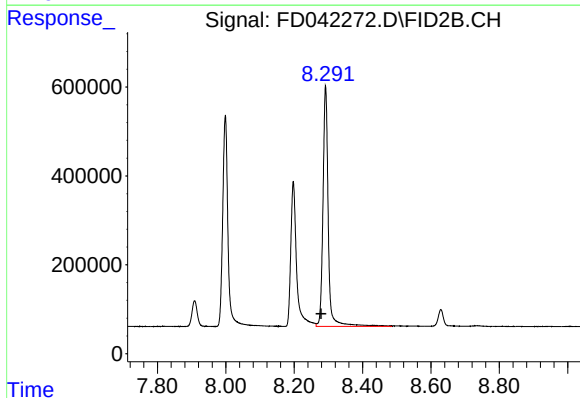
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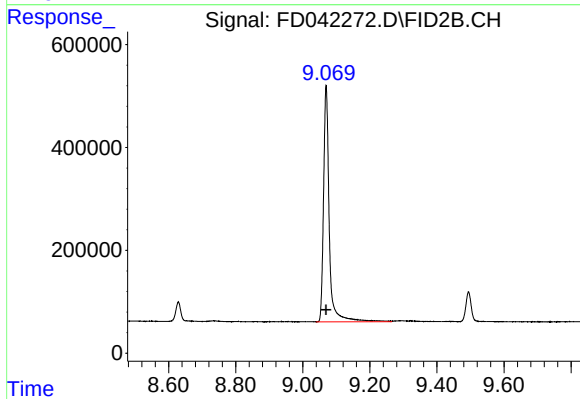
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.198 min
Delta R.T.: -0.018 min
Response: 3837759
Conc: 53.86 ug/ml



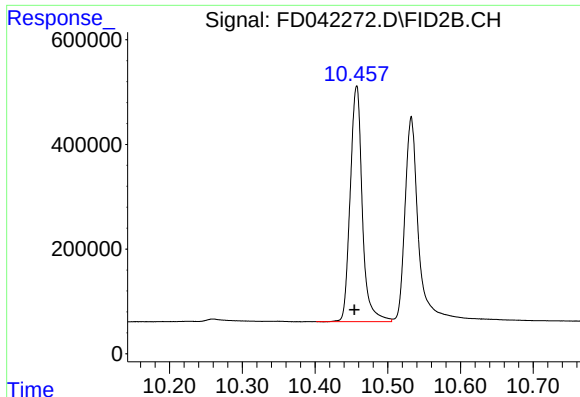
#7 Acenaphthene (C15.5)

R.T.: 8.292 min
Delta R.T.: 0.014 min
Response: 5797164
Conc: 30.88 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 5430443
Conc: 35.65 ug/ml



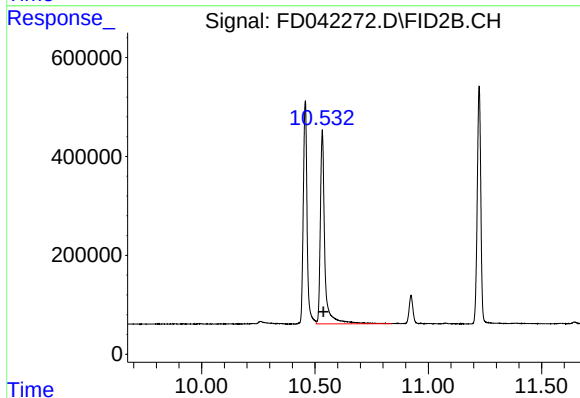
#9 Phenanthrene (C19.36)

R.T.: 10.457 min
Delta R.T.: 0.003 min
Response: 5202111
Conc: 35.03 ug/ml

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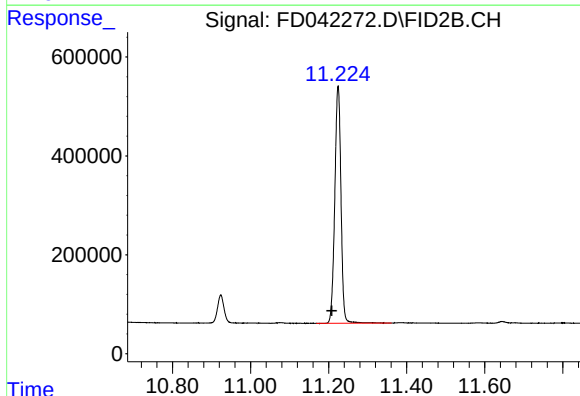
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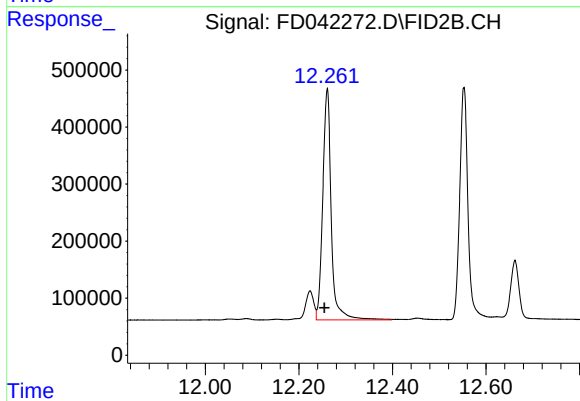
#10 Anthracene (C19.43)

R.T.: 10.532 min
Delta R.T.: -0.005 min
Response: 5369642
Conc: 32.07 ug/ml



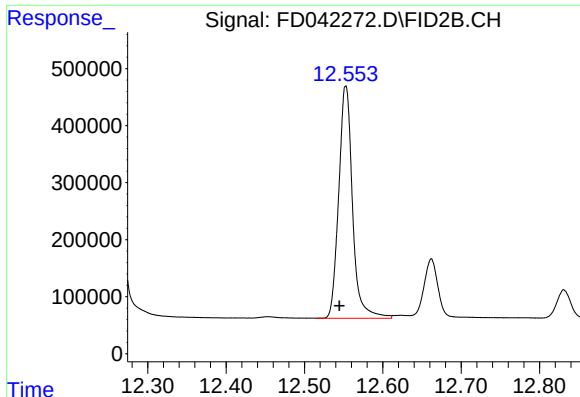
#11 ortho-Terphenyl (SURR)

R.T.: 11.224 min
Delta R.T.: 0.016 min
Response: 5268804
Conc: 30.40 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.260 min
Delta R.T.: 0.006 min
Response: 5118682
Conc: 32.63 ug/ml



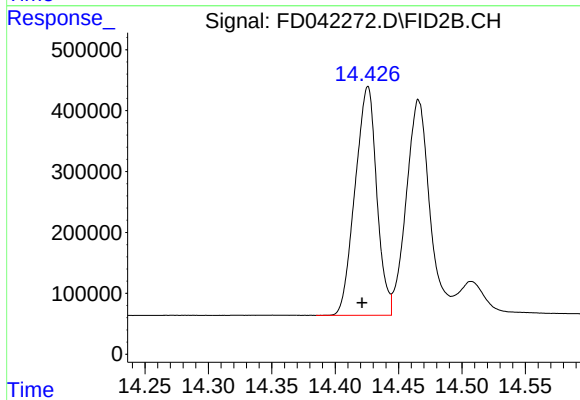
#13 Pyrene (C20.8)

R.T.: 12.553 min
Delta R.T.: 0.008 min
Response: 4996503
Conc: 30.63 ug/ml

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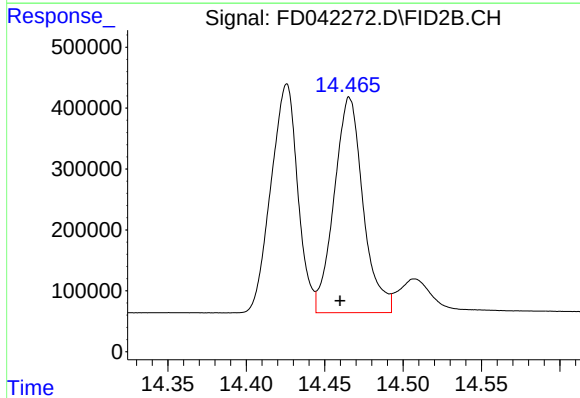
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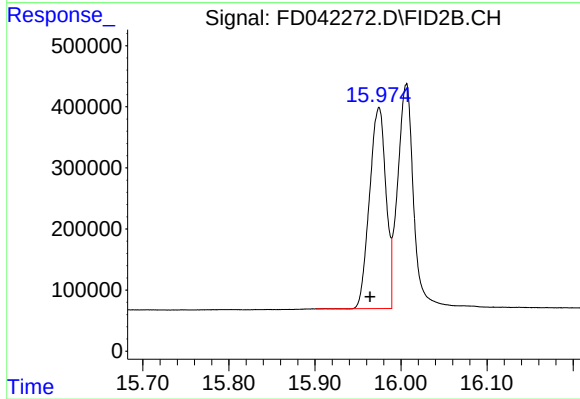
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.425 min
Delta R.T.: 0.004 min
Response: 4468813
Conc: 37.36 ug/ml



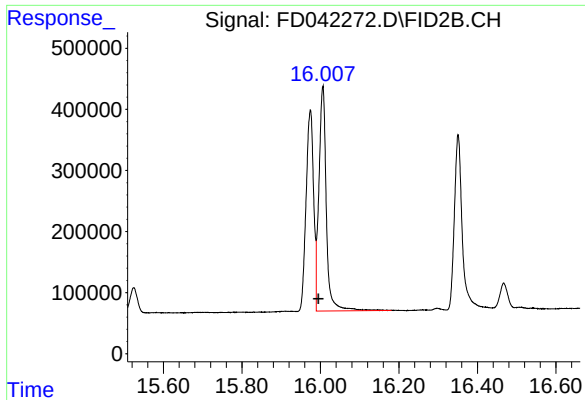
#15 Chrysene (C27.41)

R.T.: 14.466 min
Delta R.T.: 0.006 min
Response: 4551166
Conc: 24.81 ug/ml



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

R.T.: 15.974 min
Delta R.T.: 0.010 min
Response: 4361700
Conc: 33.22 ug/ml



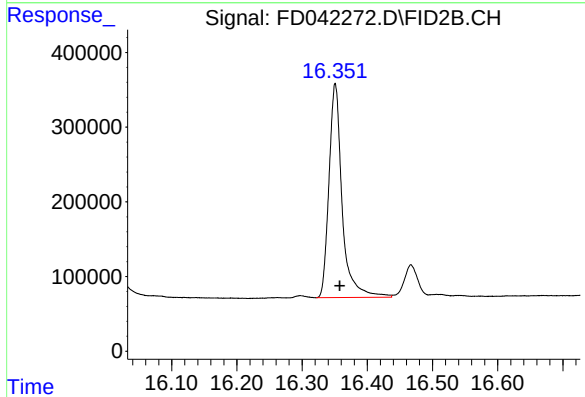
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.006 min
Delta R.T.: 0.011 min
Response: 4846096
Conc: 28.03 ug/ml

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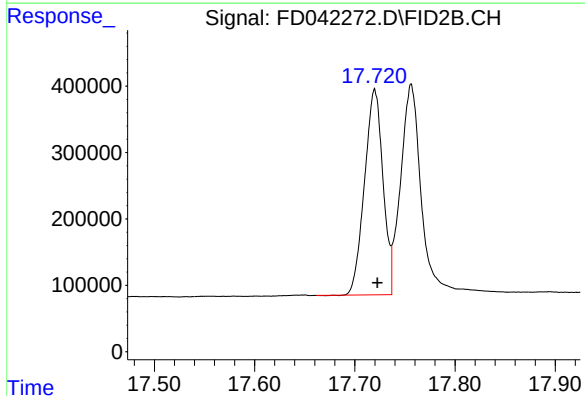
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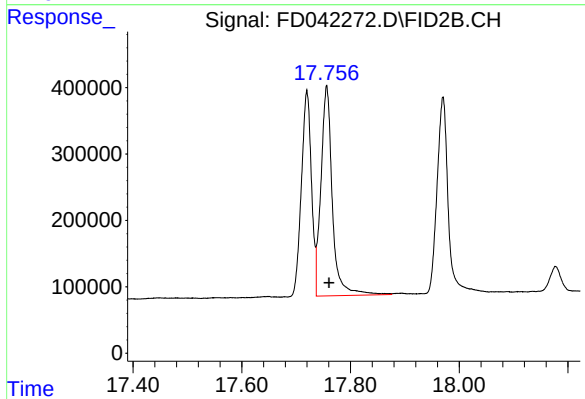
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.351 min
Delta R.T.: -0.007 min
Response: 4024986
Conc: 27.28 ug/ml



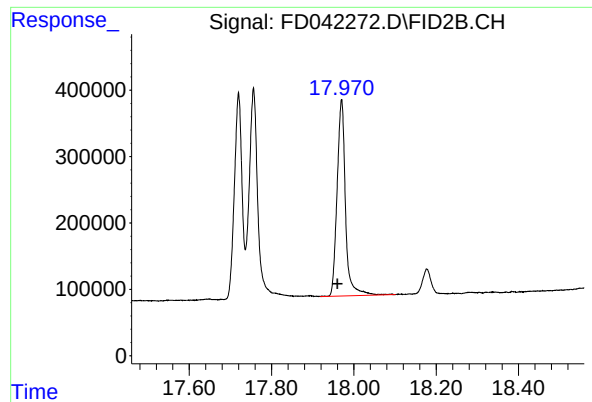
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.720 min
Delta R.T.: -0.003 min
Response: 3961654
Conc: 39.69 ug/ml



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

R.T.: 17.756 min
Delta R.T.: -0.004 min
Response: 4621333
Conc: 29.44 ug/ml



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

R.T.: 17.970 min
Delta R.T.: 0.010 min
Response: 4193052
Conc: 30.28 ug/ml

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