

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060921AR\
 Data File : FD037841.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jun 2021 2:23
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

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 6/10/2021 3:16:45 PM

Integration File: autoint1.e
 Quant Time: Jun 10 04:17:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 06:43:22 2021
 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...	7.546	2092608	20.806 ug/ml
Spiked Amount 50.000		Recovery =	41.61%
6) S 2-Fluorobiphenyl (SURR)	8.408	1372154	20.302 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.60%
11) S ortho-Terphenyl (SURR)	11.446	2304720	19.348 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.347	2254256	21.572 ug/ml
2) T Naphthalene (C11.7)	5.884	2346469	21.027 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	2336888	20.815 ug/ml
5) T Acenaphthylene (C15.06)	8.210	2232340	20.357 ug/ml
7) T Acenaphthene (C15.5)	8.506	2303881	20.254 ug/ml
8) T Flouorene (C16.55)	9.286	2201717	19.867 ug/ml
9) T Phenanthrene (C19.36)	10.682	2170767	19.307 ug/ml
10) T Anthracene (C19.43)	10.756	2085308	18.961 ug/ml
12) T Fluoranthene (C21.85)	12.493	2166325	18.666 ug/ml
13) T Pyrene (C20.8)	12.790	2133291	18.466 ug/ml
14) T Benzo[a]anthracene (C...	14.662	2075237	18.836 ug/ml
15) T Chrysene (C27.41)	14.704	2165668	18.798 ug/ml
16) T benzo[b]fluoranthene ...	16.214	2162289	19.119 ug/ml
17) T Bnezo[k]fluoranthene ...	16.246	2100125	18.942 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.593	1960125	18.714 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.960	2007975	18.483 ug/mlm
20) T Dibenz[a,h]anthracene...	17.997	2136158	19.513 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.215	2098825	19.205 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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ALS Vial : 65 Sample Multiplier: 1

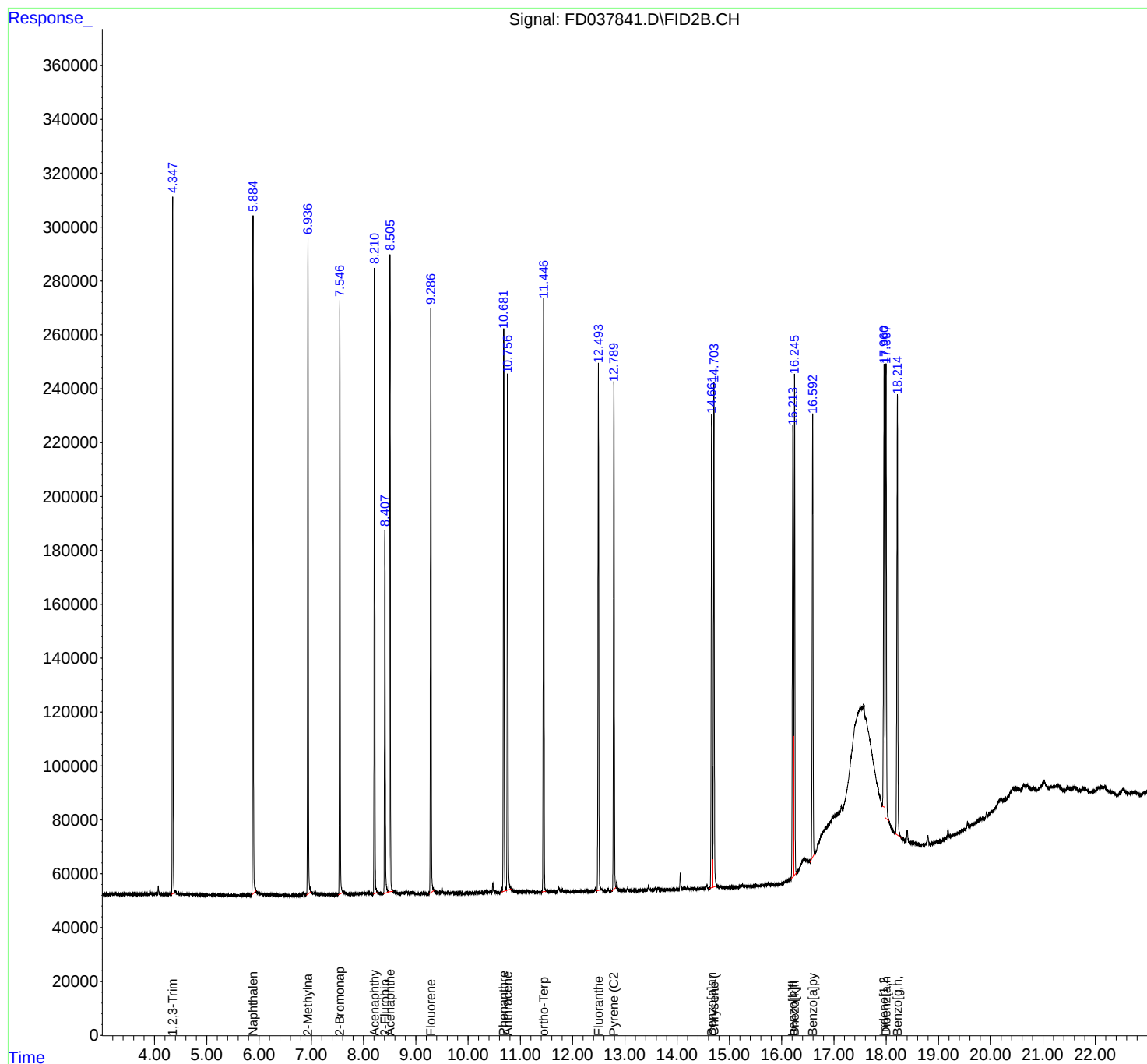
Instrument :
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20 PPM AROMATIC HC STD

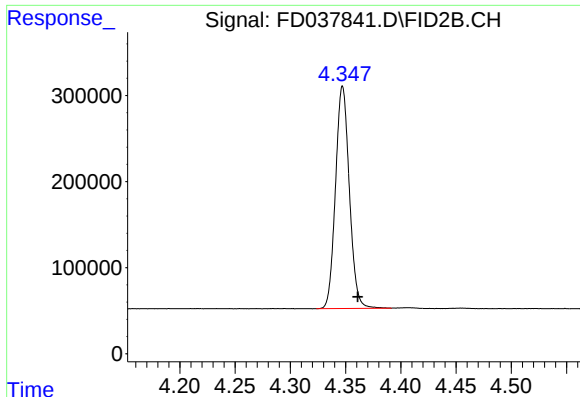
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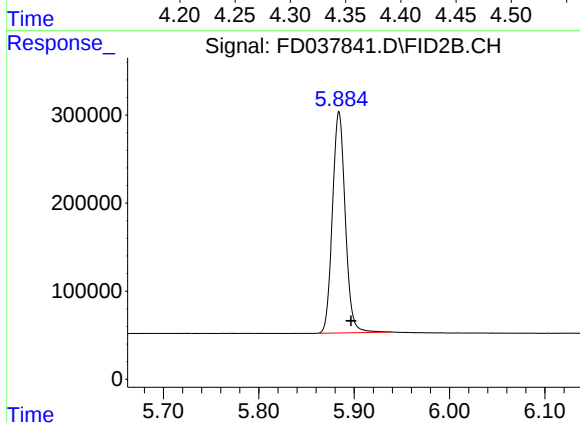
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.347 min
Delta R.T.: -0.014 min
Response: 2254256
Conc: 21.57 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

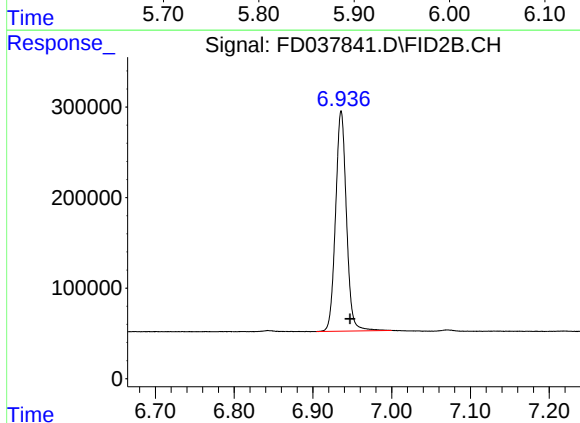
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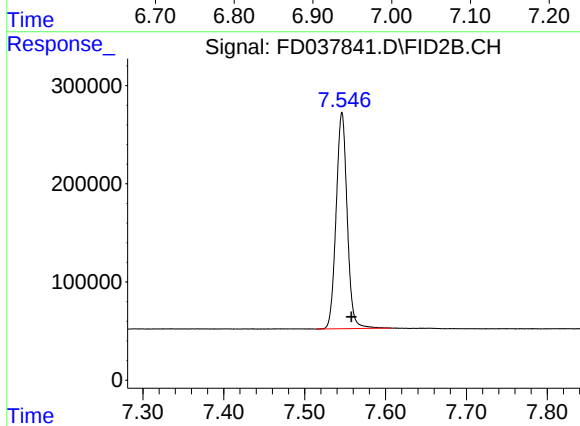
#2 Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: -0.013 min
Response: 2346469
Conc: 21.03 ug/ml



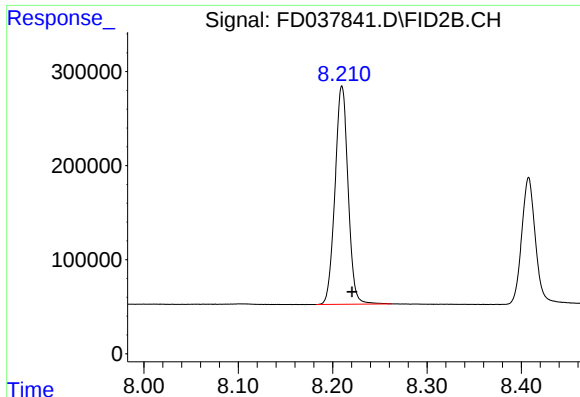
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.011 min
Response: 2336888
Conc: 20.81 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.546 min
Delta R.T.: -0.012 min
Response: 2092608
Conc: 20.81 ug/ml



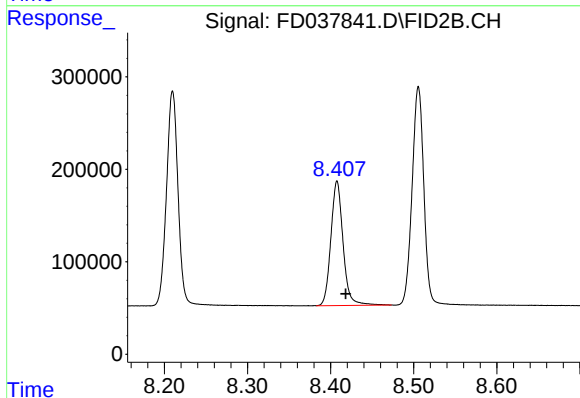
#5 Acenaphthylene (C15.06)

R.T.: 8.210 min
Delta R.T.: -0.011 min
Response: 2232340
Conc: 20.36 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

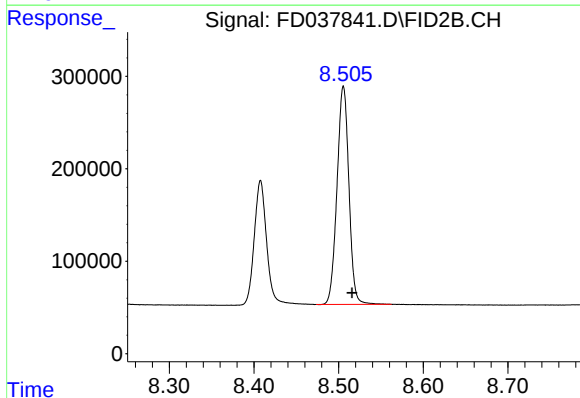
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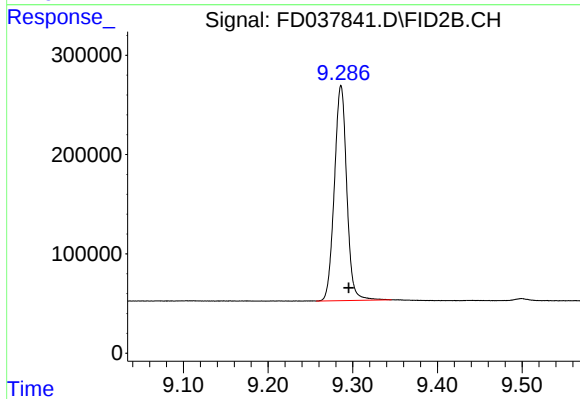
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.408 min
Delta R.T.: -0.010 min
Response: 1372154
Conc: 20.30 ug/ml



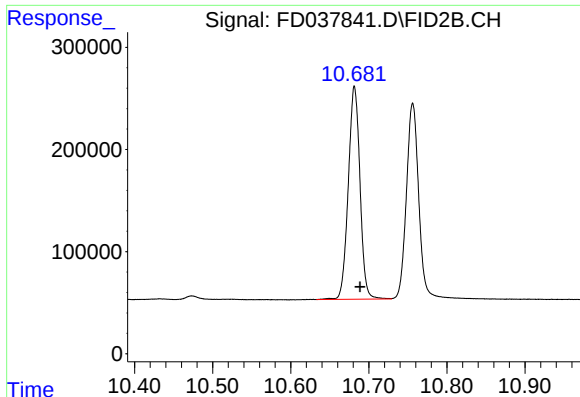
#7 Acenaphthene (C15.5)

R.T.: 8.506 min
Delta R.T.: -0.010 min
Response: 2303881
Conc: 20.25 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.286 min
Delta R.T.: -0.009 min
Response: 2201717
Conc: 19.87 ug/ml



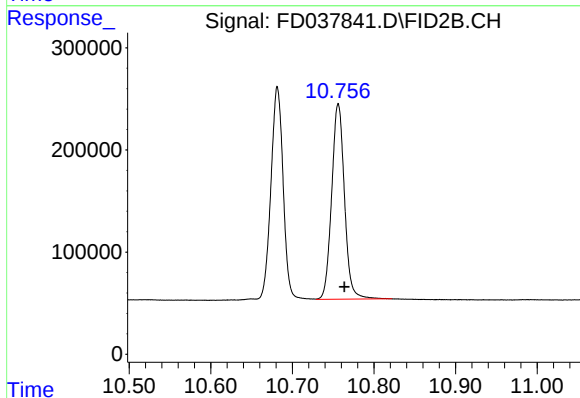
#9 Phenanthrene (C19.36)

R.T.: 10.682 min
Delta R.T.: -0.007 min
Response: 2170767
Conc: 19.31 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

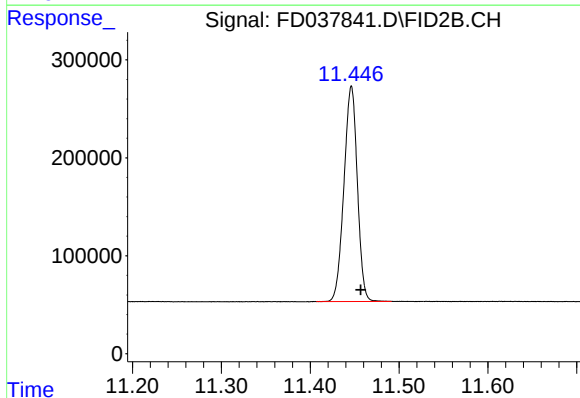
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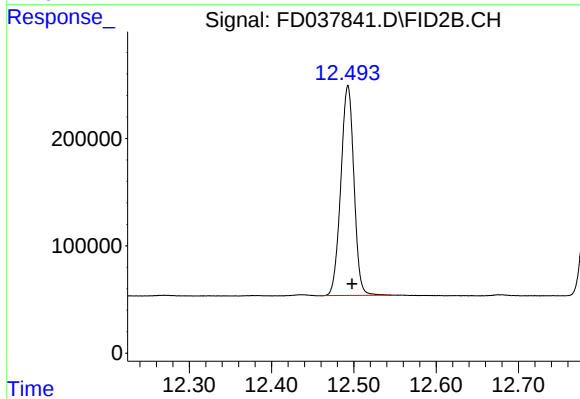
#10 Anthracene (C19.43)

R.T.: 10.756 min
Delta R.T.: -0.008 min
Response: 2085308
Conc: 18.96 ug/ml



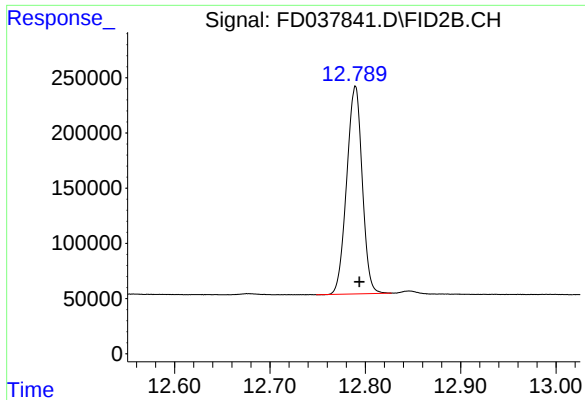
#11 ortho-Terphenyl (SURR)

R.T.: 11.446 min
Delta R.T.: -0.010 min
Response: 2304720
Conc: 19.35 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.493 min
Delta R.T.: -0.005 min
Response: 2166325
Conc: 18.67 ug/ml



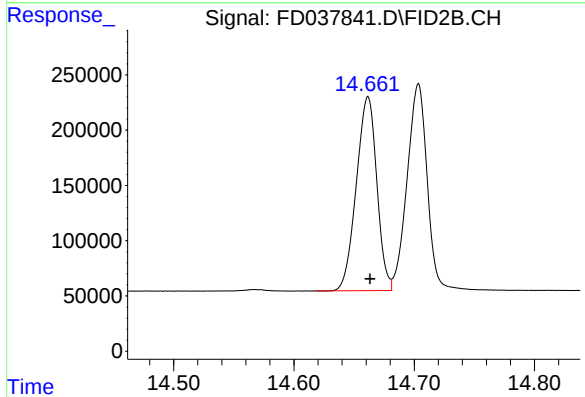
#13 Pyrene (C20.8)

R.T.: 12.790 min
Delta R.T.: -0.004 min
Response: 2133291
Conc: 18.47 ug/ml

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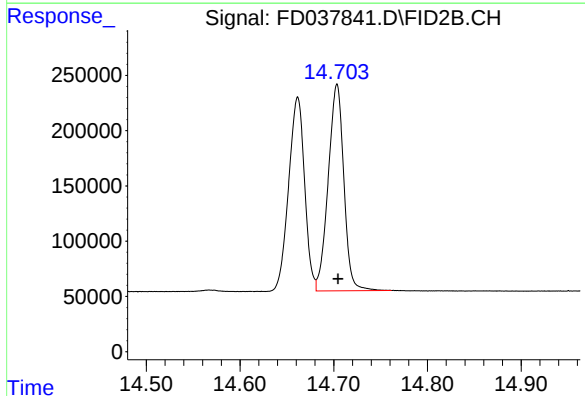
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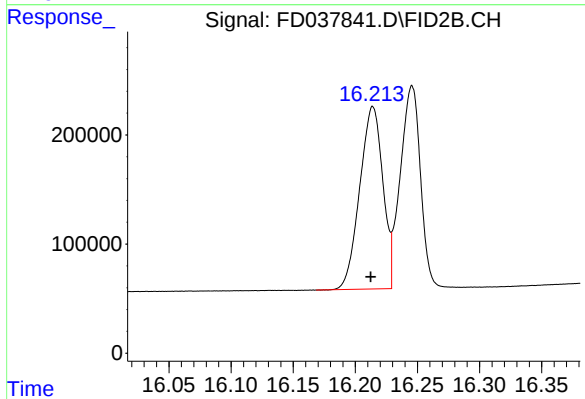
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.662 min
Delta R.T.: -0.002 min
Response: 2075237
Conc: 18.84 ug/ml



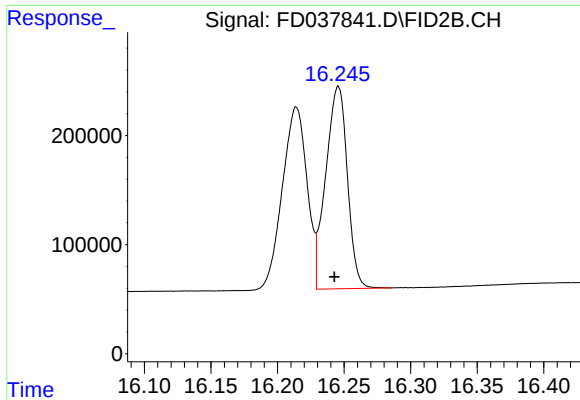
#15 Chrysene (C27.41)

R.T.: 14.704 min
Delta R.T.: -0.001 min
Response: 2165668
Conc: 18.80 ug/ml



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

R.T.: 16.214 min
Delta R.T.: 0.002 min
Response: 2162289
Conc: 19.12 ug/ml



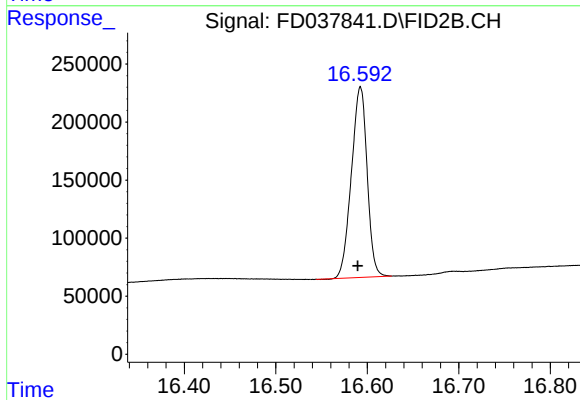
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.246 min
Delta R.T.: 0.003 min
Response: 2100125
Conc: 18.94 ug/ml

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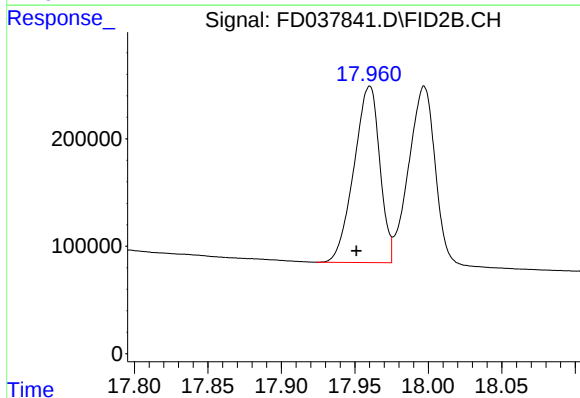
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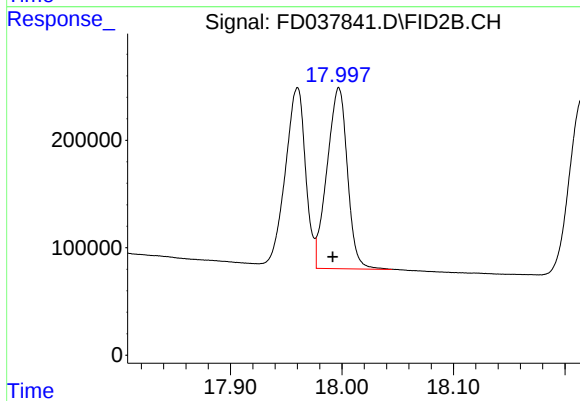
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.593 min
Delta R.T.: 0.003 min
Response: 1960125
Conc: 18.71 ug/ml



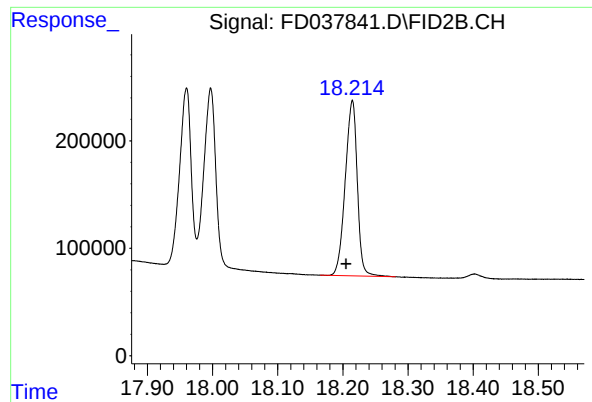
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.960 min
Delta R.T.: 0.009 min
Response: 2007975
Conc: 18.48 ug/ml m



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

R.T.: 17.997 min
Delta R.T.: 0.005 min
Response: 2136158
Conc: 19.51 ug/ml m



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

R.T.: 18.215 min
Delta R.T.: 0.010 min
Response: 2098825
Conc: 19.20 ug/ml

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