

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050721AR\
 Data File : FD037415.D
 Signal(s) : FID2B.CH
 Acq On : 07 May 2021 16:03
 Operator : DD\AJ
 Sample : M2317-02MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PE-5B-(4.0-4.5)MS

Manual Integrations
 APPROVED

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 5/10/2021 2:05:52 PM

Integration File: autoint1.e
 Quant Time: May 08 00:28:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 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...	7.566	5326179	45.047 ug/ml
Spiked Amount 50.000		Recovery =	90.09%
6) S 2-Fluorobiphenyl (SURR)	8.428	3226141	41.810 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.62%
11) S ortho-Terphenyl (SURR)	11.470	4296551	34.785 ug/ml
Spiked Amount 50.000		Recovery =	69.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	4324137	32.519 ug/ml
2) T Naphthalene (C11.7)	5.902	4834175	35.166 ug/ml
3) T 2-Methylnaphthalene (...)	6.955	4941663	36.850 ug/ml
5) T Acenaphthylene (C15.06)	8.231	5242556	41.913 ug/ml
7) T Acenaphthene (C15.5)	8.527	5168551	39.996 ug/ml
8) T Fluorene (C16.55)	9.308	5193160	42.397 ug/ml
9) T Phenanthrene (C19.36)	10.705	5203223	44.140 ug/ml
10) T Anthracene (C19.43)	10.780	5023715	43.614 ug/ml
12) T Fluoranthene (C21.85)	12.517	5396114	46.268 ug/ml
13) T Pyrene (C20.8)	12.815	5381430	46.745 ug/ml
14) T Benzo[a]anthracene (C...	14.686	5081993	46.174 ug/ml
15) T Chrysene (C27.41)	14.731	5382707	47.549 ug/mlm
16) T benzo[b]fluoranthene ...	16.239	5503953	49.070 ug/ml
17) T Bnezo[k]fluoranthene ...	16.273	5085557	47.217 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.619	5343401	51.628 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.984	4921077	46.262 ug/ml
20) T Dibenz[a,h]anthracene...	18.022	4830067	46.228 ug/ml
21) T Benzo[g,h,i]perylene ...	18.242	5103421	47.779 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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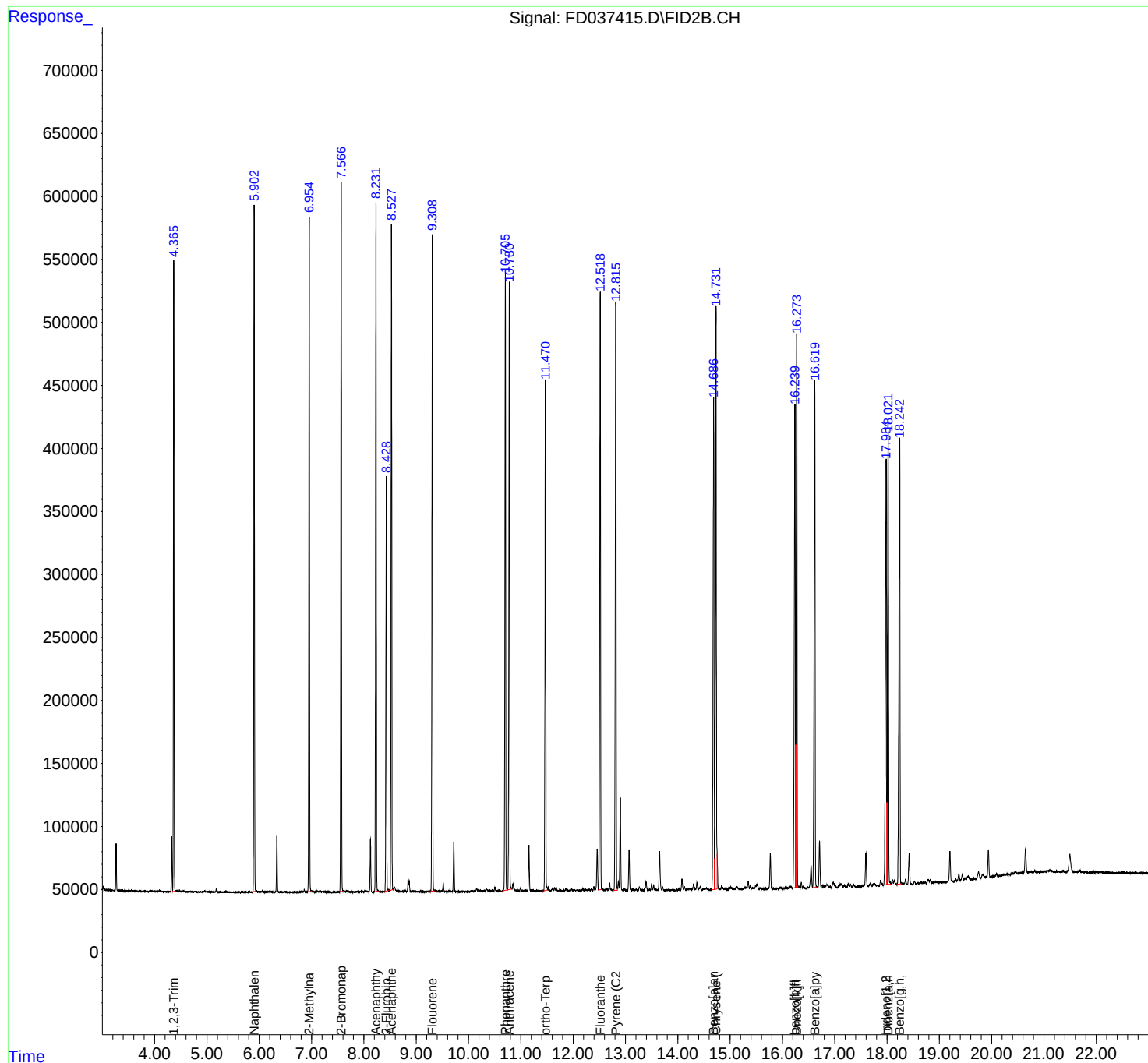
Instrument :
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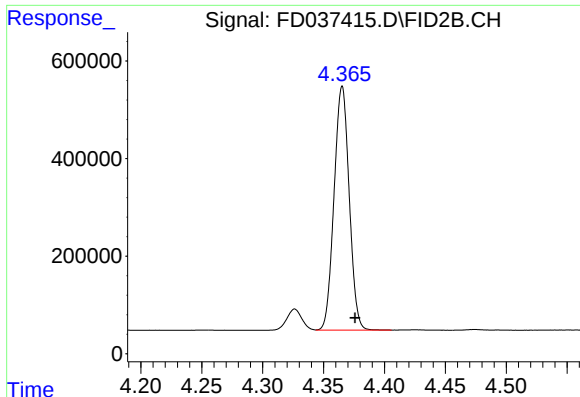
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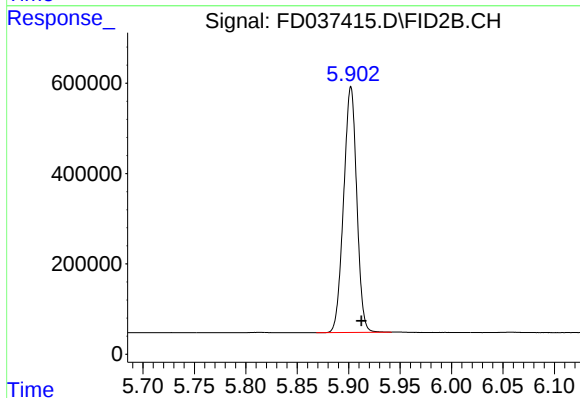
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.365 min
Delta R.T.: -0.011 min
Response: 4324137
Conc: 32.52 ug/ml

Instrument :
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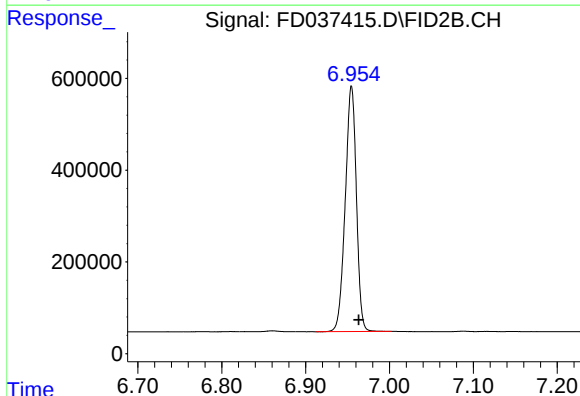
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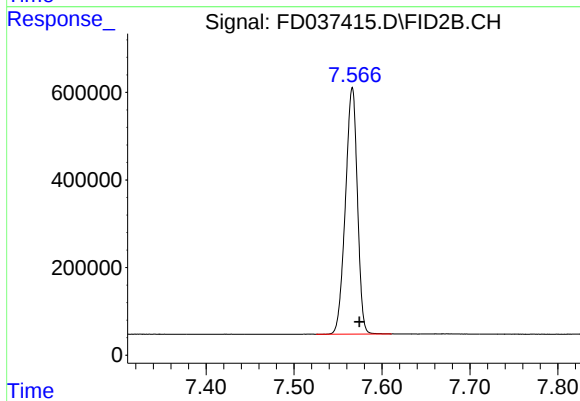
#2 Naphthalene (C11.7)

R.T.: 5.902 min
Delta R.T.: -0.010 min
Response: 4834175
Conc: 35.17 ug/ml



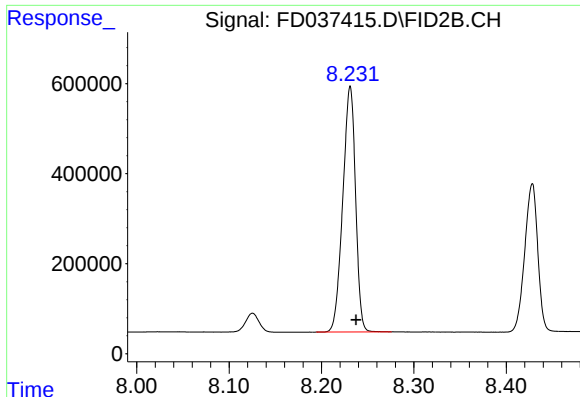
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.955 min
Delta R.T.: -0.009 min
Response: 4941663
Conc: 36.85 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.566 min
Delta R.T.: -0.008 min
Response: 5326179
Conc: 45.05 ug/ml



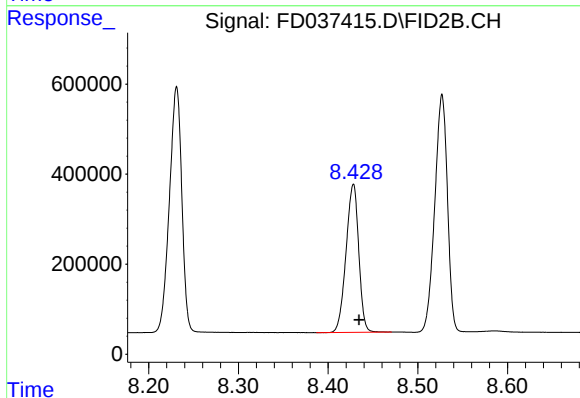
#5 Acenaphthylene (C15.06)

R.T.: 8.231 min
Delta R.T.: -0.006 min
Response: 5242556
Conc: 41.91 ug/ml

Instrument :
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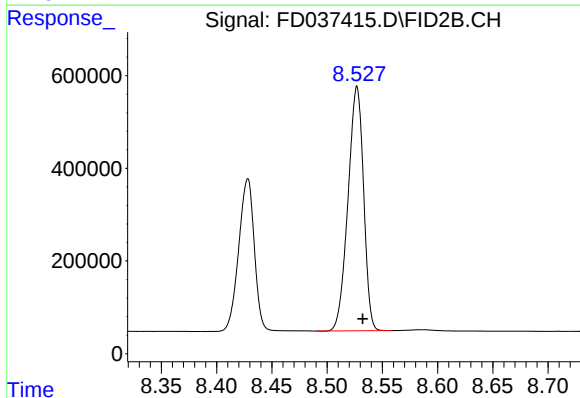
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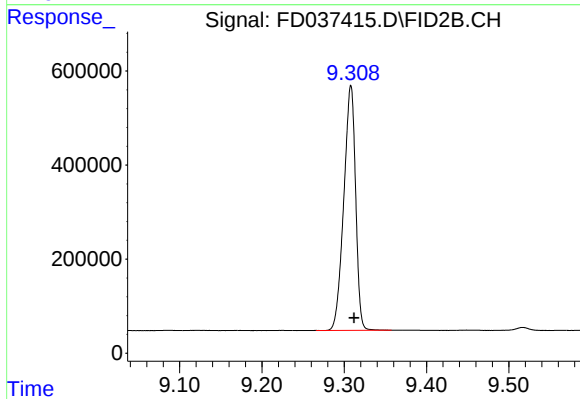
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.428 min
Delta R.T.: -0.006 min
Response: 3226141
Conc: 41.81 ug/ml



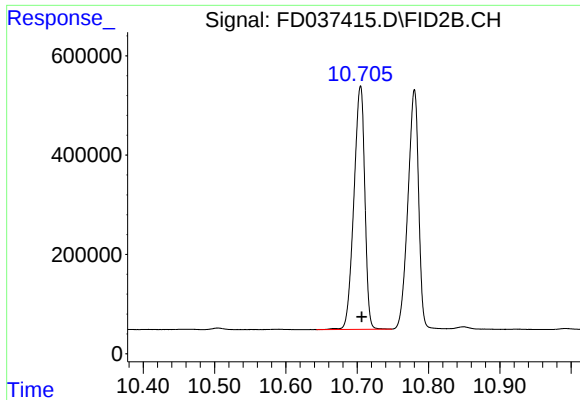
#7 Acenaphthene (C15.5)

R.T.: 8.527 min
Delta R.T.: -0.005 min
Response: 5168551
Conc: 40.00 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.308 min
Delta R.T.: -0.004 min
Response: 5193160
Conc: 42.40 ug/ml



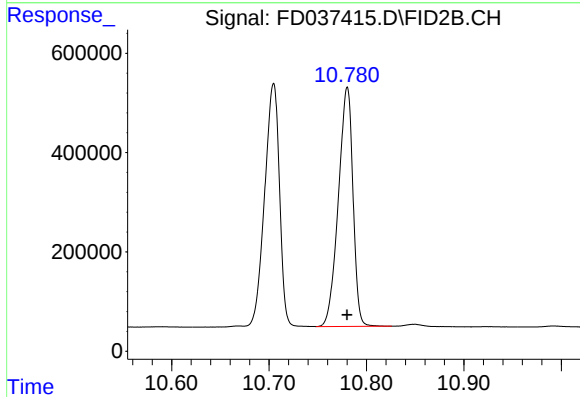
#9 Phenanthrene (C19.36)

R.T.: 10.705 min
Delta R.T.: -0.002 min
Response: 5203223
Conc: 44.14 ug/ml

Instrument :
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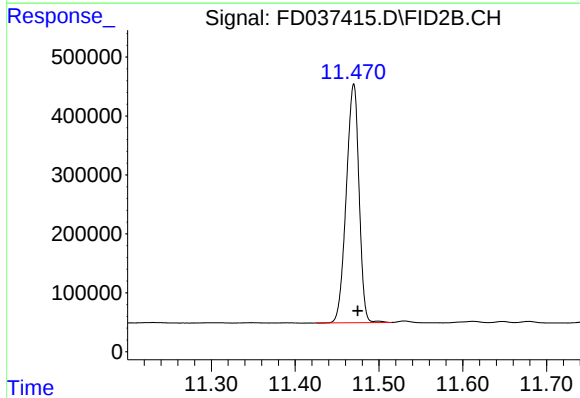
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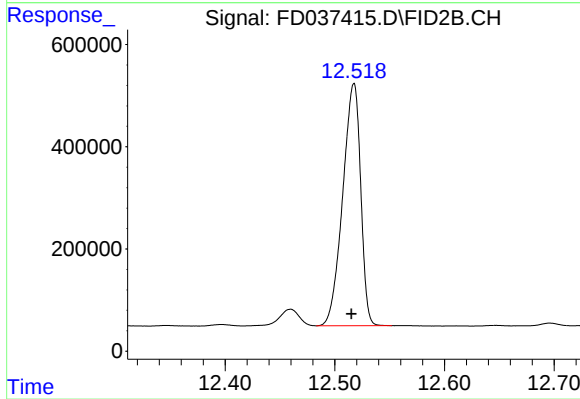
#10 Anthracene (C19.43)

R.T.: 10.780 min
Delta R.T.: 0.000 min
Response: 5023715
Conc: 43.61 ug/ml



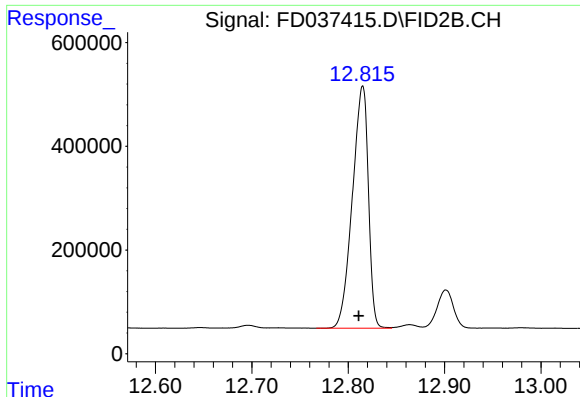
#11 ortho-Terphenyl (SURR)

R.T.: 11.470 min
Delta R.T.: -0.005 min
Response: 4296551
Conc: 34.79 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.517 min
Delta R.T.: 0.002 min
Response: 5396114
Conc: 46.27 ug/ml



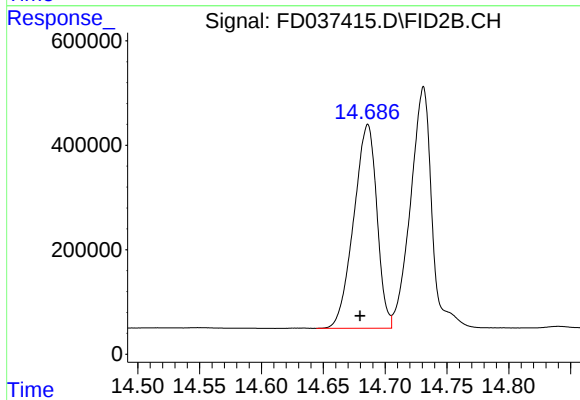
#13 Pyrene (C20.8)

R.T.: 12.815 min
Delta R.T.: 0.004 min
Response: 5381430
Conc: 46.74 ug/ml

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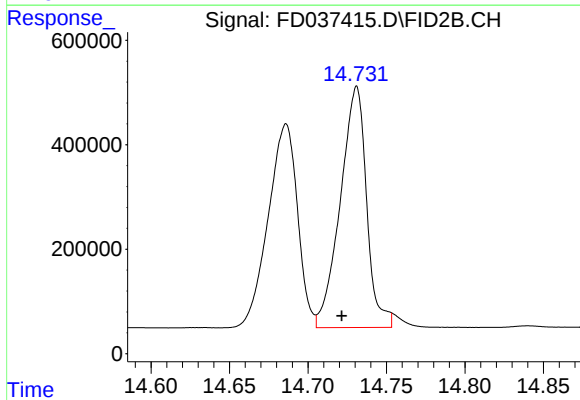
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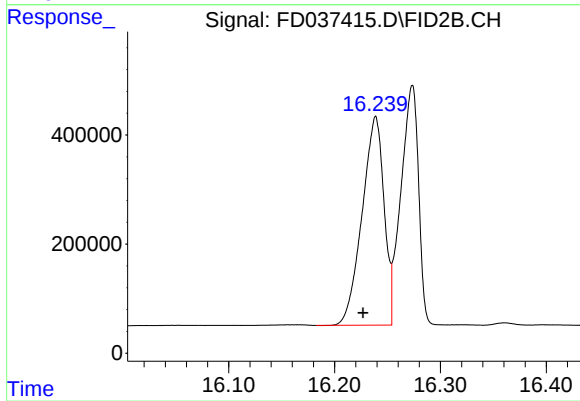
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.686 min
Delta R.T.: 0.006 min
Response: 5081993
Conc: 46.17 ug/ml



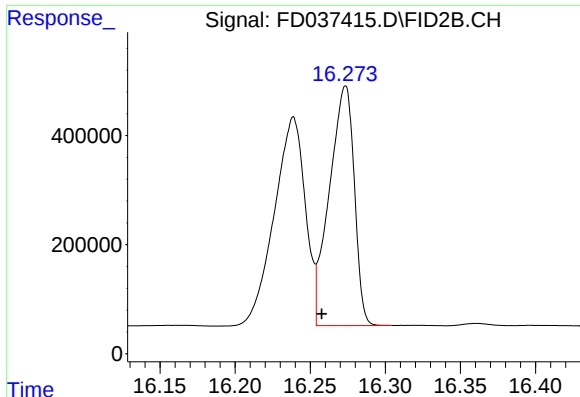
#15 Chrysene (C27.41)

R.T.: 14.731 min
Delta R.T.: 0.009 min
Response: 5382707
Conc: 47.55 ug/ml m



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

R.T.: 16.239 min
Delta R.T.: 0.012 min
Response: 5503953
Conc: 49.07 ug/ml



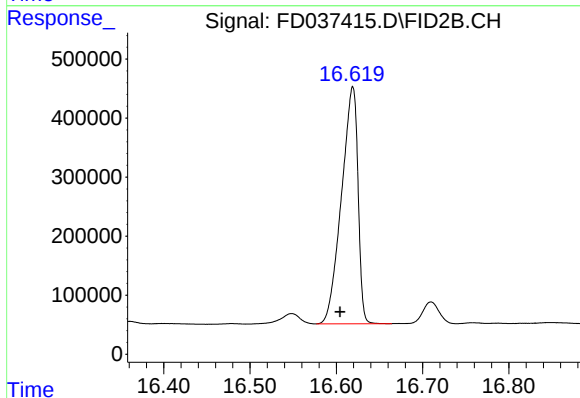
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.273 min
Delta R.T.: 0.016 min
Response: 508557
Conc: 47.22 ug/ml

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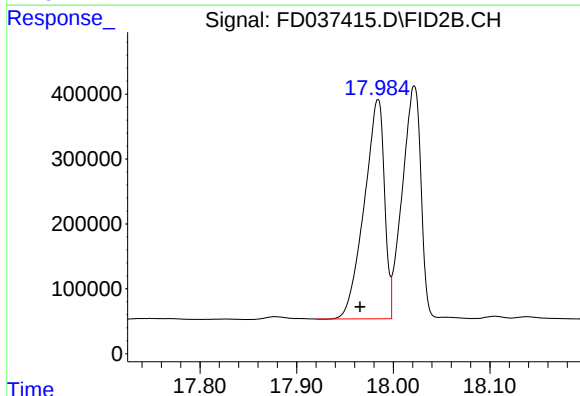
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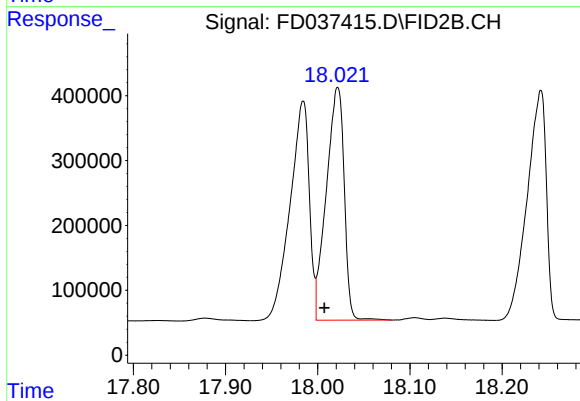
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.619 min
Delta R.T.: 0.015 min
Response: 5343401
Conc: 51.63 ug/ml



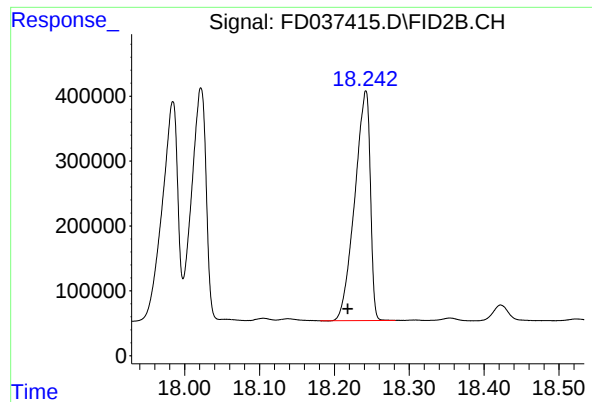
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.984 min
Delta R.T.: 0.019 min
Response: 4921077
Conc: 46.26 ug/ml



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

R.T.: 18.022 min
Delta R.T.: 0.014 min
Response: 4830067
Conc: 46.23 ug/ml



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

R.T.: 18.242 min
Delta R.T.: 0.024 min
Response: 5103421
Conc: 47.78 ug/ml

Instrument :
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