

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060722AR\
 Data File : FD042819.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jun 2022 21:59
 Operator : UA/NP
 Sample : N3143-04MS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20220427-AMENDED-SB-8-(DISCRETE-COMP-G)MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/08/2022
 Supervised By :Ankita Jodhani 06/08/2022

Integration File: autoint1.e
 Quant Time: Jun 08 06:18:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 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...	7.664	7382151	48.309 ug/ml
Spiked Amount 50.000		Recovery =	96.62%
6) S 2-Fluorobiphenyl (SURR)	8.529	4895162	47.597 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.19%
11) S ortho-Terphenyl (SURR)	11.574	5382640	30.321 ug/ml
Spiked Amount 50.000		Recovery =	60.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.455	5716525	34.143 ug/ml
2) T Naphthalene (C11.7)	5.998	6428599	37.182 ug/ml
3) T 2-Methylnaphthalene (...)	7.052	6558799	41.129 ug/ml
5) T Acenaphthylene (C15.06)	8.331	6500268	37.623 ug/ml
7) T Acenaphthene (C15.5)	8.629	7000042	40.682 ug/ml
8) T Flouorene (C16.55)	9.411	7226018	43.042 ug/ml
9) T Phenanthrene (C19.36)	10.809	7313023	44.472 ug/ml
10) T Anthracene (C19.43)	10.885	7160553	46.849 ug/ml
12) T Fluoranthene (C21.85)	12.624	6935722	44.023 ug/ml
13) T Pyrene (C20.8)	12.922	6855707	44.035 ug/ml
14) T Benzo[a]anthracene (C...	14.797	6258729	46.940 ug/ml
15) T Chrysene (C27.41)	14.841	7195761	54.465 ug/ml
16) T benzo[b]fluoranthene ...	16.351	6304255	47.324 ug/ml
17) T Bnezo[k]fluoranthene ...	16.385	5987092	48.339 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.730	5628780	45.477 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.099	6358309	57.045 ug/ml
20) T Dibenz[a,h]anthracene...	18.139	5958187	53.564 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.358	6095856	51.288 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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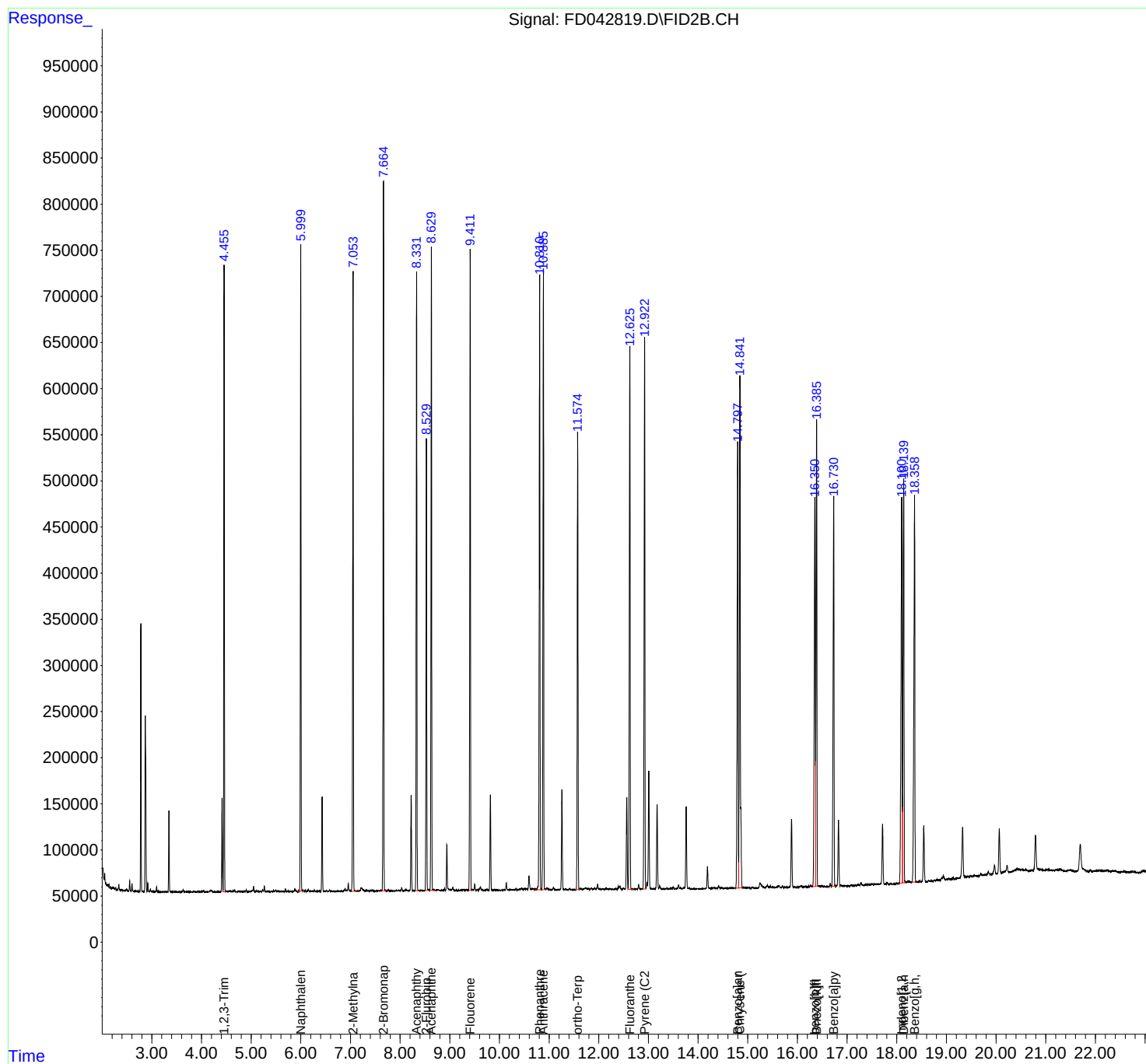
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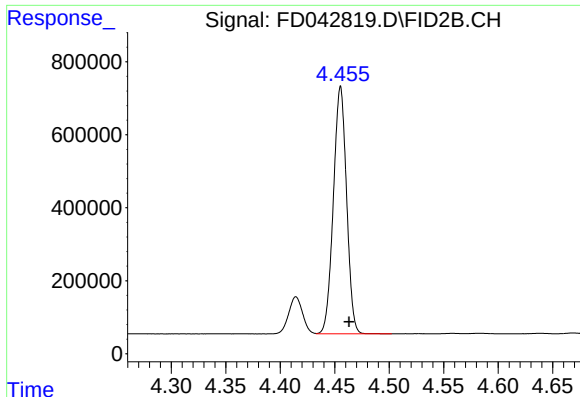
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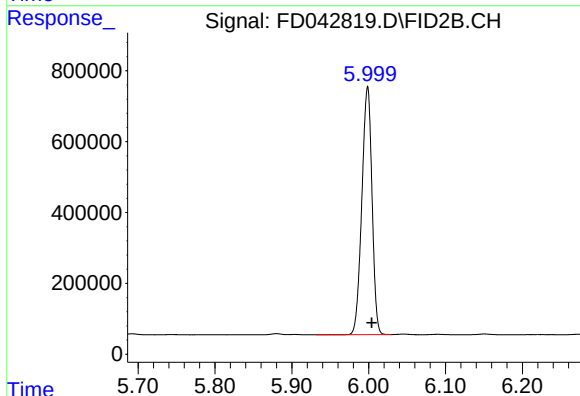
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.455 min
Delta R.T.: -0.008 min
Response: 5716525
Conc: 34.14 ug/ml

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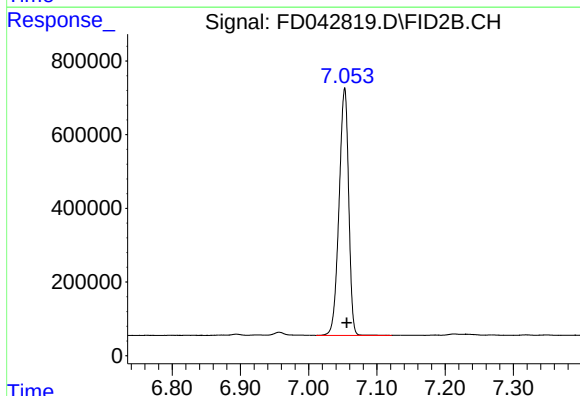
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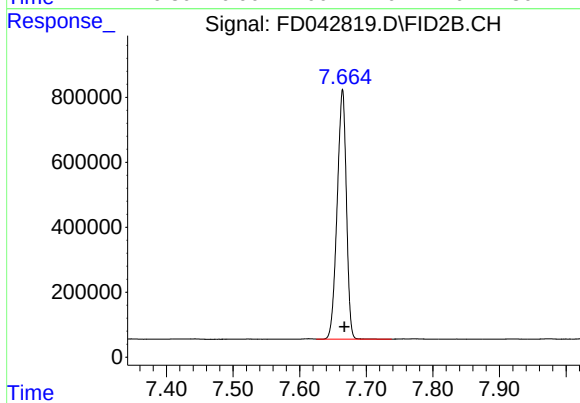
#2 Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.006 min
Response: 6428599
Conc: 37.18 ug/ml



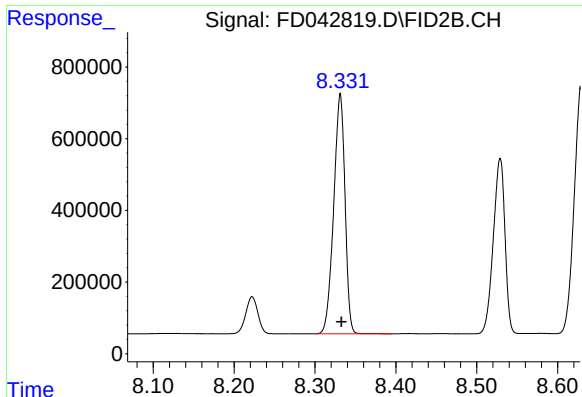
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.052 min
Delta R.T.: -0.003 min
Response: 6558799
Conc: 41.13 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.664 min
Delta R.T.: -0.003 min
Response: 7382151
Conc: 48.31 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.331 min
Delta R.T.: -0.002 min
Response: 6500268
Conc: 37.62 ug/ml

Instrument :

FID_D

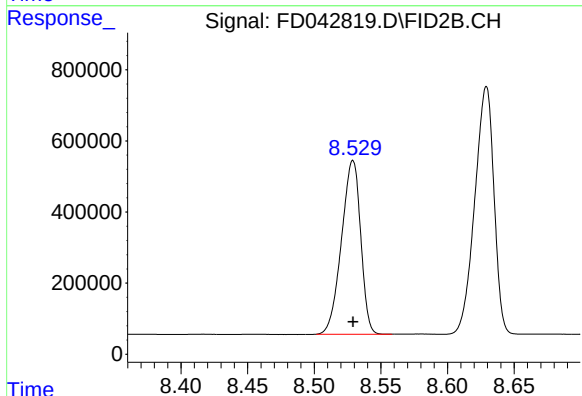
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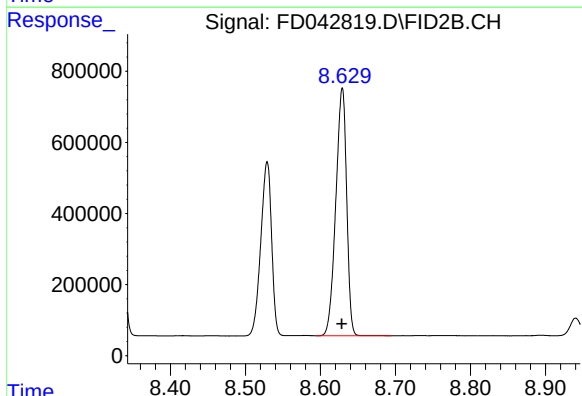
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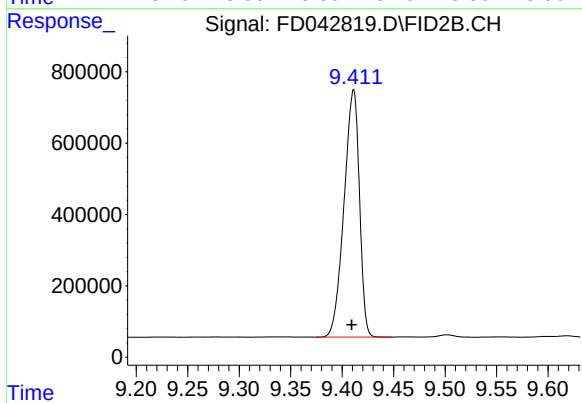
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 4895162
Conc: 47.60 ug/ml



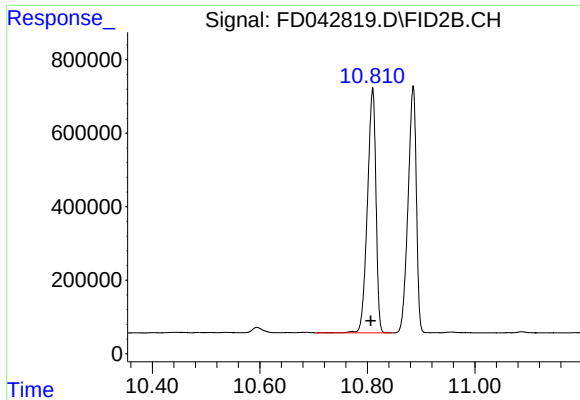
#7 Acenaphthene (C15.5)

R.T.: 8.629 min
Delta R.T.: 0.000 min
Response: 7000042
Conc: 40.68 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.411 min
Delta R.T.: 0.001 min
Response: 7226018
Conc: 43.04 ug/ml



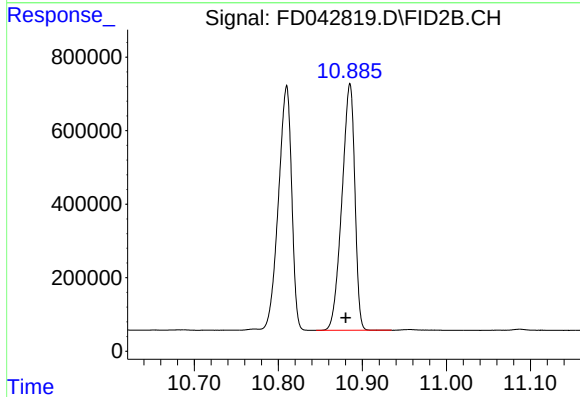
#9 Phenanthrene (C19.36)

R.T.: 10.809 min
Delta R.T.: 0.003 min
Response: 7313023
Conc: 44.47 ug/ml

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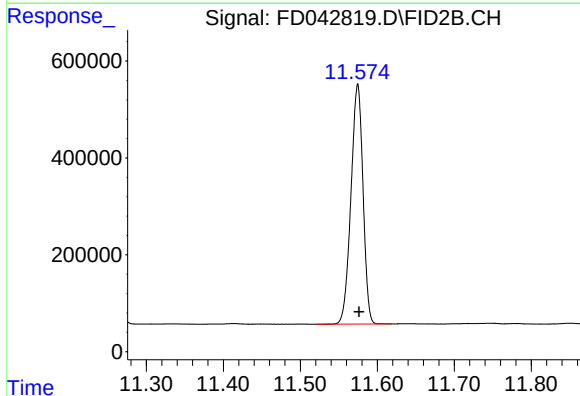
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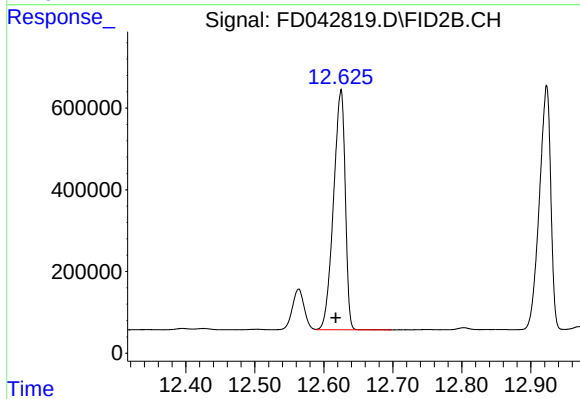
#10 Anthracene (C19.43)

R.T.: 10.885 min
Delta R.T.: 0.004 min
Response: 7160553
Conc: 46.85 ug/ml



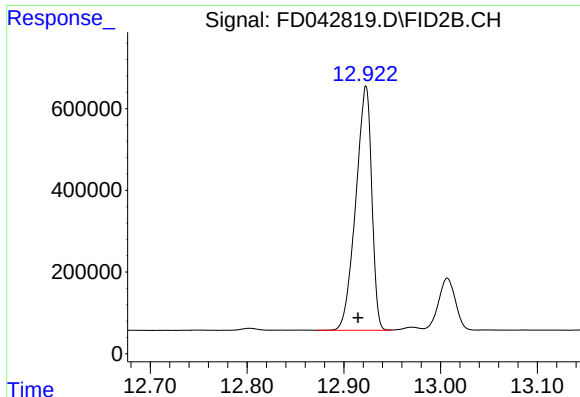
#11 ortho-Terphenyl (SURR)

R.T.: 11.574 min
Delta R.T.: -0.002 min
Response: 5382640
Conc: 30.32 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.624 min
Delta R.T.: 0.007 min
Response: 6935722
Conc: 44.02 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.922 min
Delta R.T.: 0.007 min
Response: 6855707
Conc: 44.04 ug/ml

Instrument :

FID_D

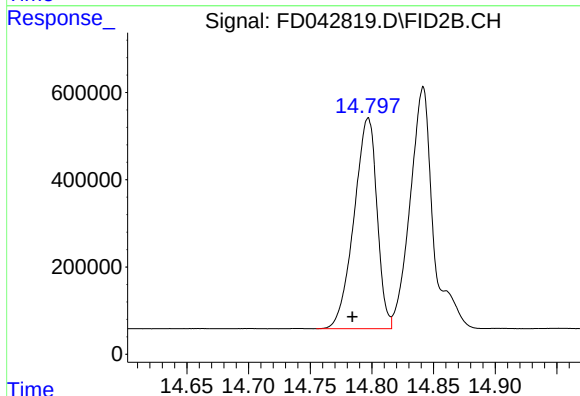
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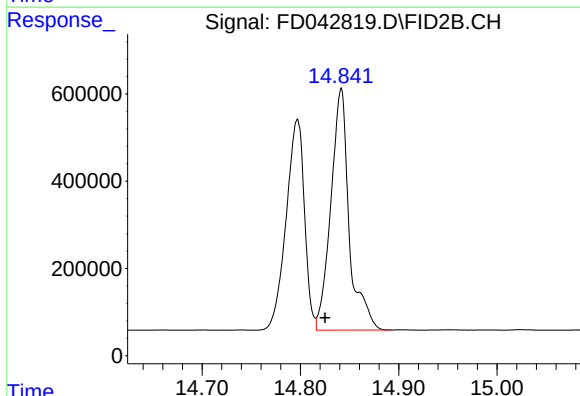
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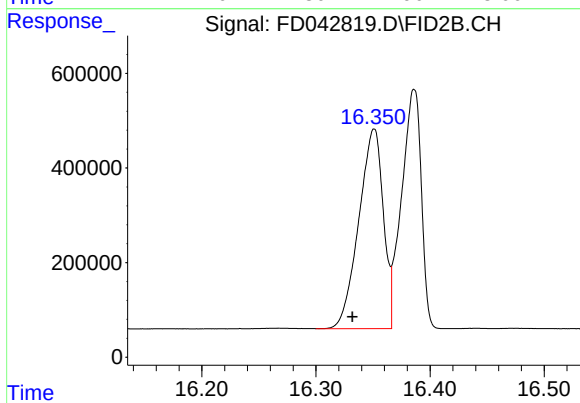
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.797 min
Delta R.T.: 0.012 min
Response: 6258729
Conc: 46.94 ug/ml



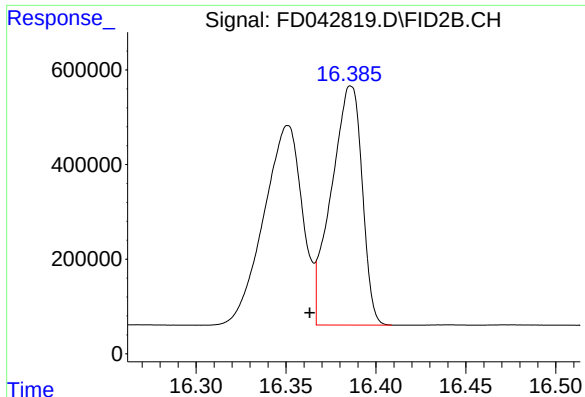
#15 Chrysene (C27.41)

R.T.: 14.841 min
Delta R.T.: 0.016 min
Response: 7195761
Conc: 54.46 ug/ml



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

R.T.: 16.351 min
Delta R.T.: 0.019 min
Response: 6304255
Conc: 47.32 ug/ml



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

R.T.: 16.385 min
Delta R.T.: 0.022 min
Response: 5987092
Conc: 48.34 ug/ml

Instrument :

FID_D

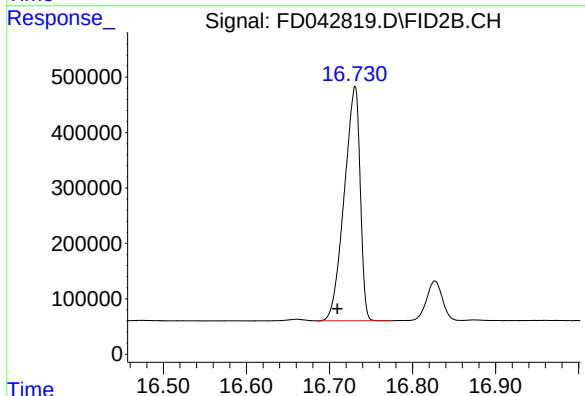
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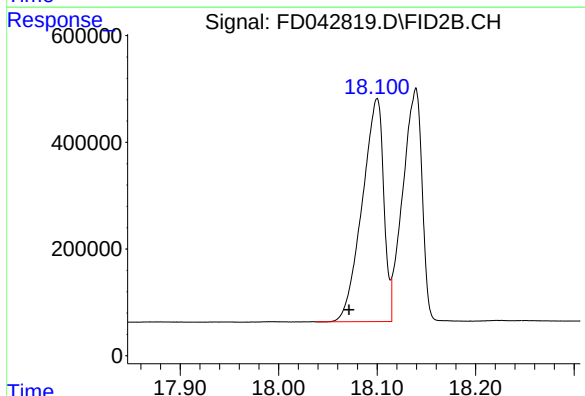
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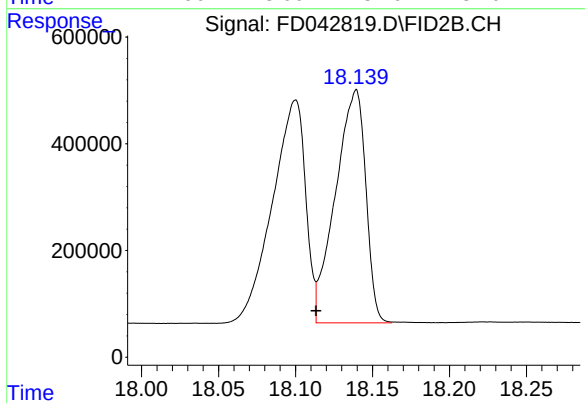
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.730 min
Delta R.T.: 0.020 min
Response: 5628780
Conc: 45.48 ug/ml



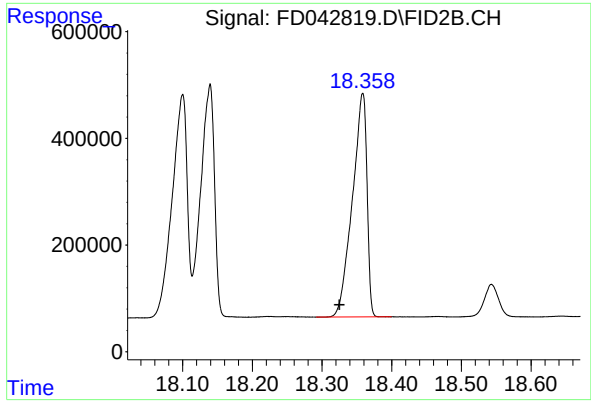
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.099 min
Delta R.T.: 0.028 min
Response: 6358309
Conc: 57.04 ug/ml



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

R.T.: 18.139 min
Delta R.T.: 0.026 min
Response: 5958187
Conc: 53.56 ug/ml m



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

R.T.: 18.358 min
Delta R.T.: 0.032 min
Response: 6095856
Conc: 51.29 ug/ml

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