

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112321AR\
 Data File : FD039634.D
 Signal(s) : FID2B.CH
 Acq On : 24 Nov 2021 7:01
 Operator : AJ\MA
 Sample : M4386-17DL 5X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PT-NJEPH-SOILD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
 Supervised By :mohammad ahmed 11/24/2021

Integration File: autoint1.e
 Quant Time: Nov 24 08:17:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:30:20 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...	7.743	533312	4.767 ug/mlm
Spiked Amount 50.000		Recovery =	9.53%
6) S 2-Fluorobiphenyl (SURR)	8.615	334271	4.457 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.91%
11) S ortho-Terphenyl (SURR)	11.654	630282	5.096 ug/ml
Spiked Amount 50.000		Recovery =	10.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.534	627120	5.063 ug/ml
2) T Naphthalene (C11.7)	6.081	618102	4.833 ug/ml
3) T 2-Methylnaphthalene (...)	7.135	625545	4.815 ug/ml
5) T Acenaphthylene (C15.06)	8.415	583513	4.860 ug/ml
7) T Acenaphthene (C15.5)	8.710	601471	4.723 ug/ml
8) T Fluorene (C16.55)	9.494	578538	4.710 ug/ml
9) T Phenanthrene (C19.36)	10.895	561990	4.685 ug/ml
10) T Anthracene (C19.43)	10.971	587086	4.902 ug/ml
12) T Fluoranthene (C21.85)	12.710	564205	4.733 ug/ml
13) T Pyrene (C20.8)	13.008	526791	4.633 ug/mlm
14) T Benzo[a]anthracene (C...	14.883	440885	4.511 ug/mlm
15) T Chrysene (C27.41)	14.924	576606	5.065 ug/ml
16) T benzo[b]fluoranthene ...	16.434	466195	4.739 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.465	552708	5.223 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.819	444274	4.610 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.183	420013	4.506 ug/mlm
20) T Dibenz[a,h]anthracene...	18.222	533807	5.212 ug/ml
21) T Benzo[g,h,i]perylene ...	18.435	491077	4.968 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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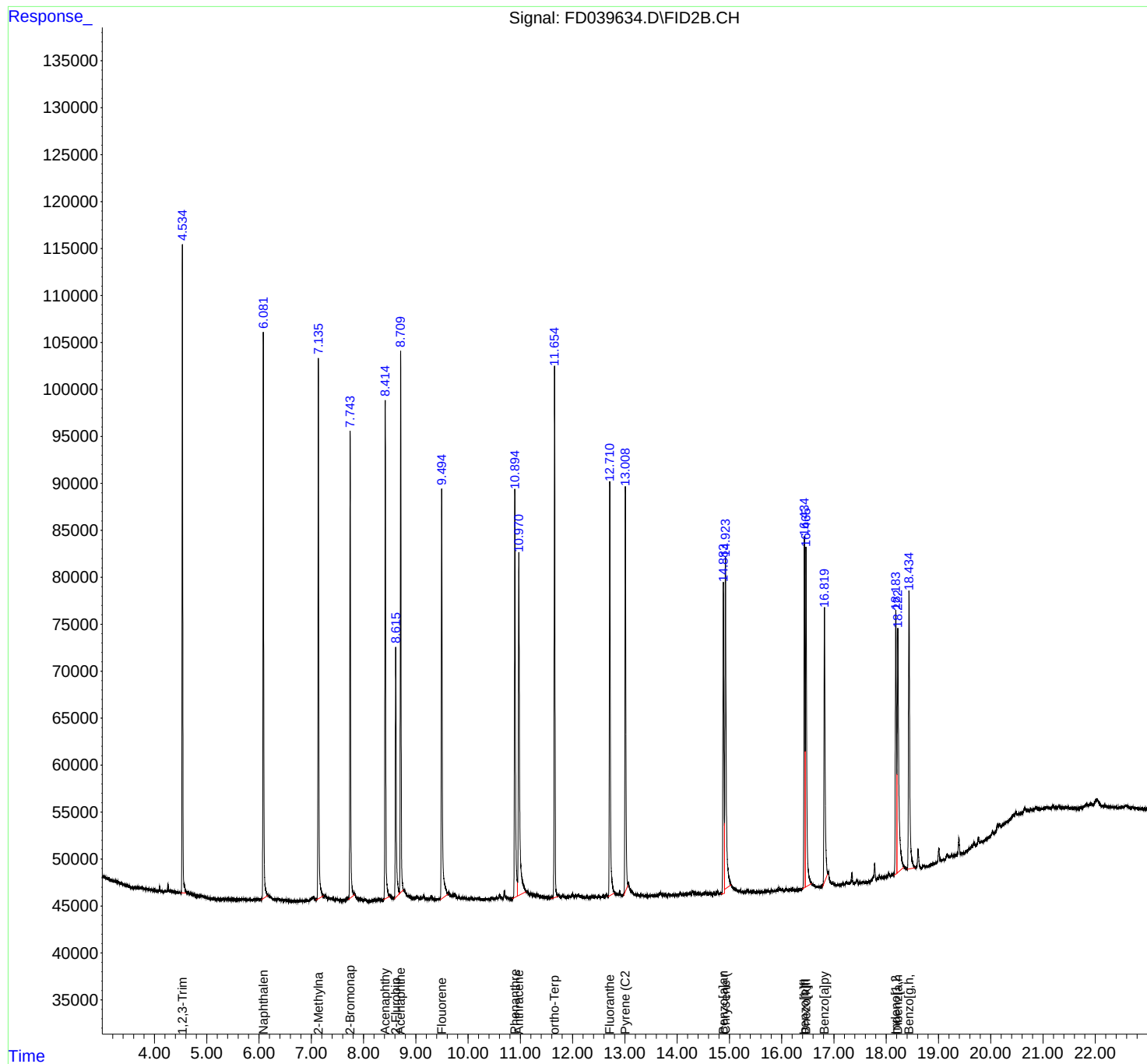
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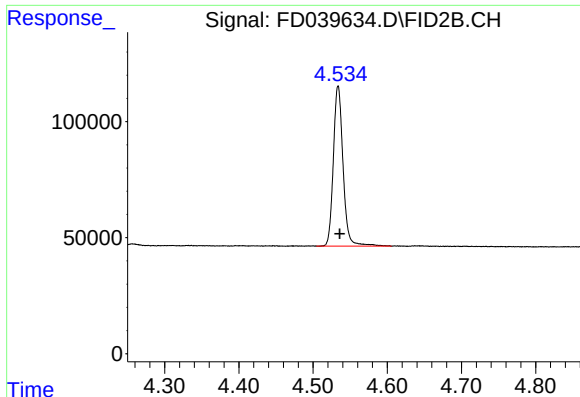
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.534 min
Delta R.T.: -0.002 min
Response: 627120
Conc: 5.06 ug/ml

Instrument :

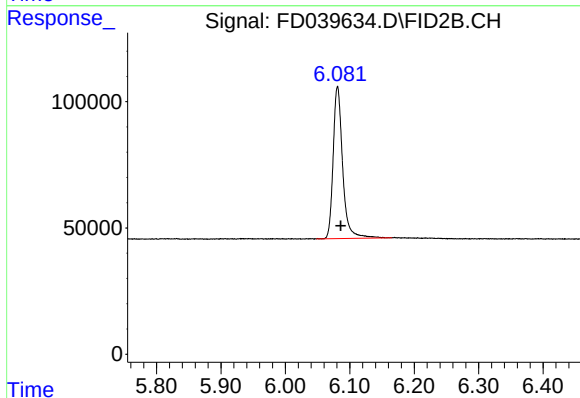
FID_D

ClientSampleId :

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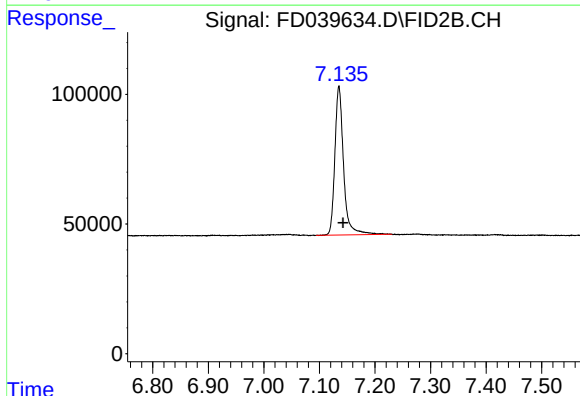
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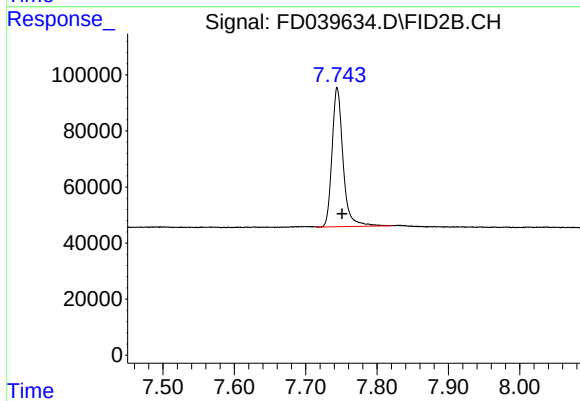
#2 Naphthalene (C11.7)

R.T.: 6.081 min
Delta R.T.: -0.005 min
Response: 618102
Conc: 4.83 ug/ml



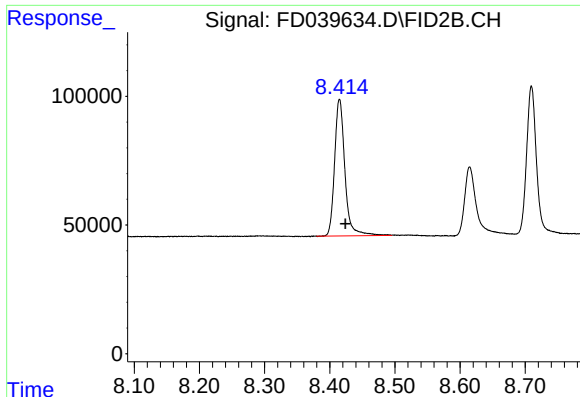
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.135 min
Delta R.T.: -0.007 min
Response: 625545
Conc: 4.81 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.743 min
Delta R.T.: -0.007 min
Response: 533312
Conc: 4.77 ug/ml m



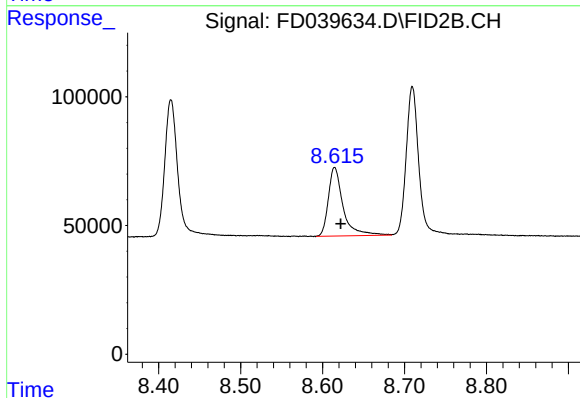
#5 Acenaphthylene (C15.06)

R.T.: 8.415 min
Delta R.T.: -0.009 min
Response: 583513
Conc: 4.86 ug/ml

Instrument :
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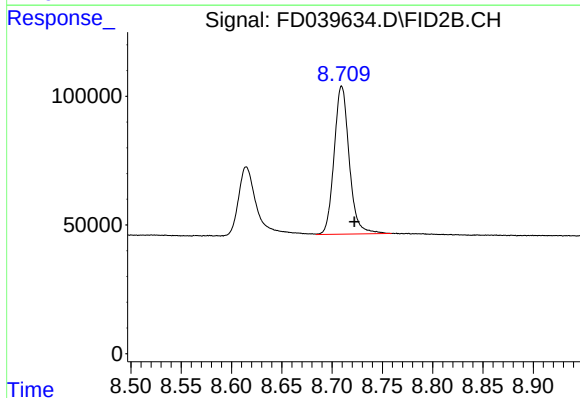
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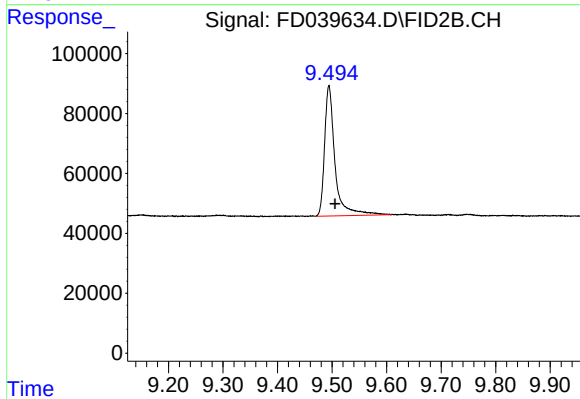
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.615 min
Delta R.T.: -0.008 min
Response: 334271
Conc: 4.46 ug/ml



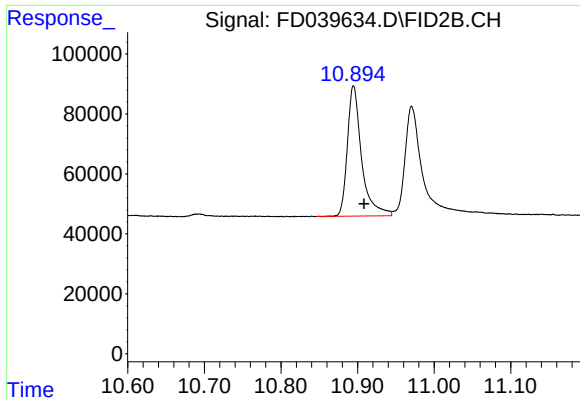
#7 Acenaphthene (C15.5)

R.T.: 8.710 min
Delta R.T.: -0.013 min
Response: 601471
Conc: 4.72 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.494 min
Delta R.T.: -0.011 min
Response: 578538
Conc: 4.71 ug/ml



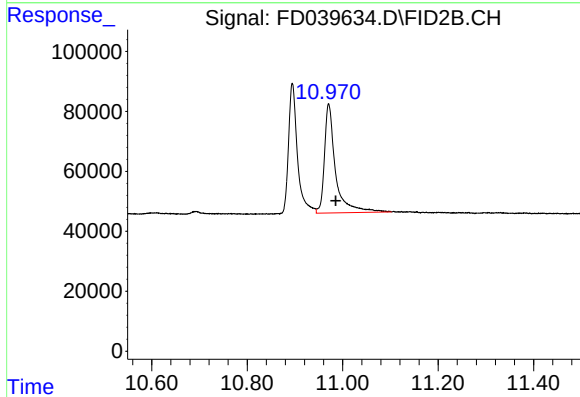
#9 Phenanthrene (C19.36)

R.T.: 10.895 min
Delta R.T.: -0.014 min
Response: 561990
Conc: 4.69 ug/ml

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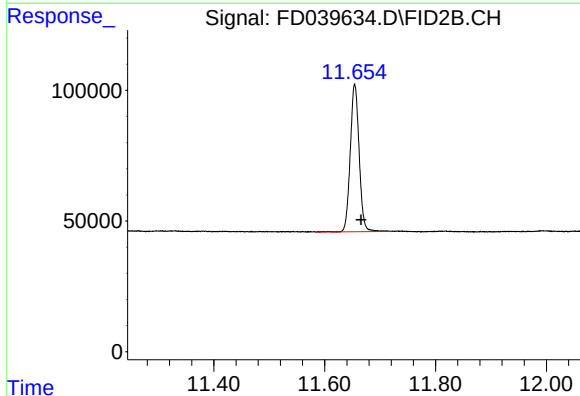
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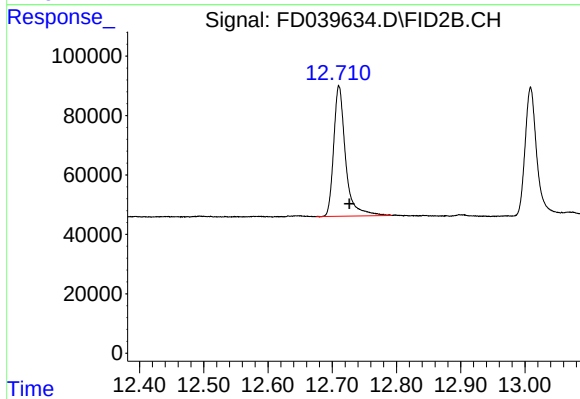
#10 Anthracene (C19.43)

R.T.: 10.971 min
Delta R.T.: -0.015 min
Response: 587086
Conc: 4.90 ug/ml



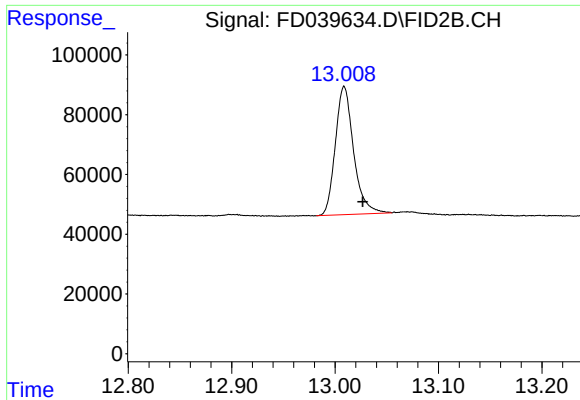
#11 ortho-Terphenyl (SURR)

R.T.: 11.654 min
Delta R.T.: -0.011 min
Response: 630282
Conc: 5.10 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.710 min
Delta R.T.: -0.016 min
Response: 564205
Conc: 4.73 ug/ml



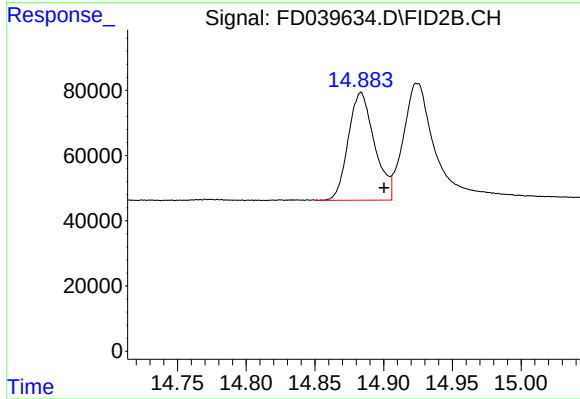
#13 Pyrene (C20.8)

R.T.: 13.008 min
Delta R.T.: -0.018 min
Response: 526791
Conc: 4.63 ug/ml

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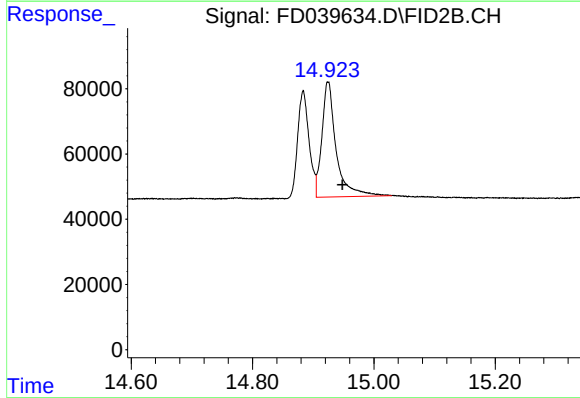
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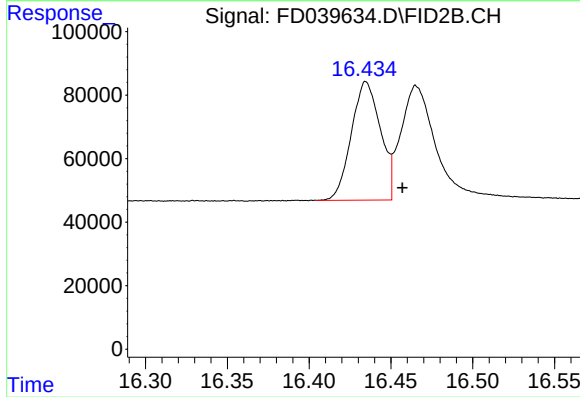
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.883 min
Delta R.T.: -0.017 min
Response: 440885
Conc: 4.51 ug/ml m



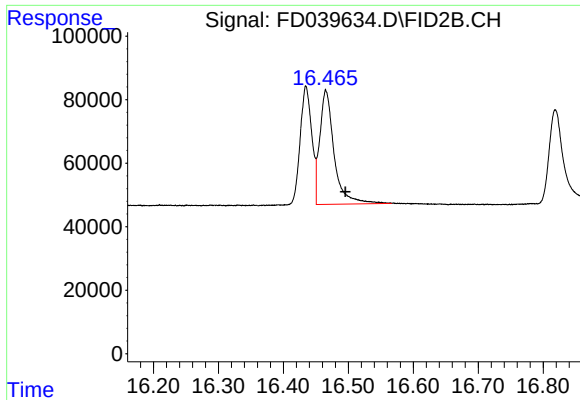
#15 Chrysene (C27.41)

R.T.: 14.924 min
Delta R.T.: -0.024 min
Response: 576606
Conc: 5.06 ug/ml



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

R.T.: 16.434 min
Delta R.T.: -0.023 min
Response: 466195
Conc: 4.74 ug/ml m



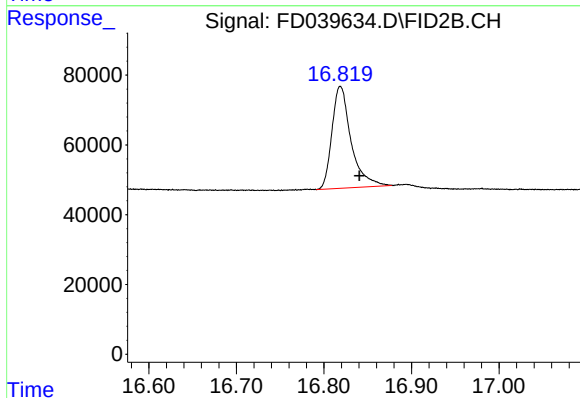
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.465 min
Delta R.T.: -0.031 min
Response: 552708
Conc: 5.22 ug/ml

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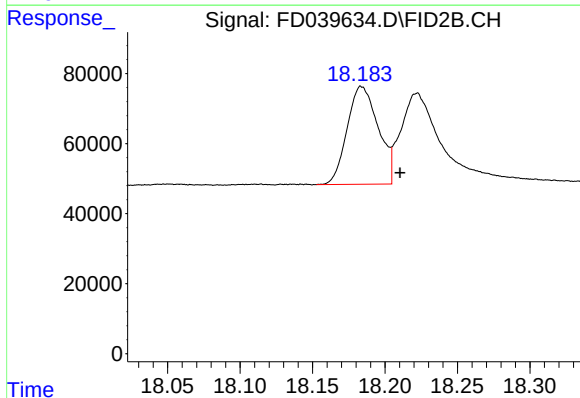
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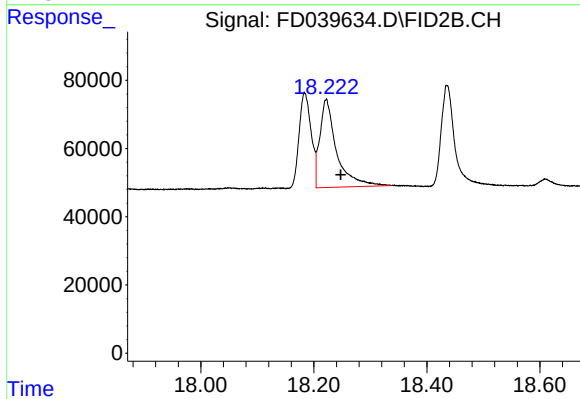
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.819 min
Delta R.T.: -0.022 min
Response: 444274
Conc: 4.61 ug/ml m



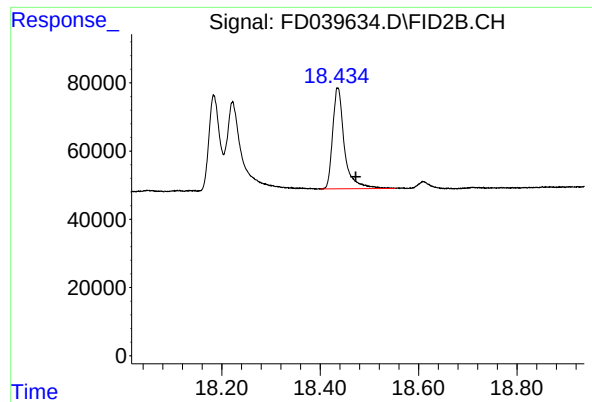
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.183 min
Delta R.T.: -0.028 min
Response: 420013
Conc: 4.51 ug/ml m



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

R.T.: 18.222 min
Delta R.T.: -0.025 min
Response: 533807
Conc: 5.21 ug/ml



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

R.T.: 18.435 min
Delta R.T.: -0.037 min
Response: 491077
Conc: 4.97 ug/ml

Instrument :

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