

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051622AR\
 Data File : FD042493.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2022 4:07
 Operator : UA/NP
 Sample : PB144851BSD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144851BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/18/2022
 Supervised By :mohammad ahmed 05/18/2022

Integration File: autoint1.e
 Quant Time: May 17 05:11:36 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...	7.332	6011390	42.887 ug/ml
Spiked Amount 50.000		Recovery =	85.77%
6) S 2-Fluorobiphenyl (SURR)	8.183	3002565	42.140 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.28%
11) S ortho-Terphenyl (SURR)	11.208	6855023	39.549 ug/ml
Spiked Amount 50.000		Recovery =	79.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.156	4299369	27.617 ug/mlm
2) T Naphthalene (C11.7)	5.676	5422053	34.371 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	5688225	39.336 ug/ml
5) T Acenaphthylene (C15.06)	7.983	6526836	39.604 ug/ml
7) T Acenaphthene (C15.5)	8.277	7122251	37.936 ug/ml
8) T Flouorene (C16.55)	9.056	7243284	47.554 ug/ml
9) T Phenanthrene (C19.36)	10.442	7189760	48.420 ug/ml
10) T Anthracene (C19.43)	10.518	7551722	45.109 ug/ml
12) T Fluoranthene (C21.85)	12.246	7286046	46.449 ug/ml
13) T Pyrene (C20.8)	12.539	7135019	43.745 ug/ml
14) T Benzo[a]anthracene (C...	14.412	6717465	56.157 ug/ml
15) T Chrysene (C27.41)	14.454	6624742	36.110 ug/ml
16) T benzo[b]fluoranthene ...	15.963	6824197	51.975 ug/ml
17) T Bnezo[k]fluoranthene ...	15.997	7513226	43.458 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.340	6335004	42.936 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.713	6409078	64.211 ug/ml
20) T Dibenz[a,h]anthracene...	17.747	7343186	46.785 ug/ml
21) T Benzo[g,h,i]perylene ...	17.963	6923994	49.996 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : UA/NP
Sample : PB144851BSD
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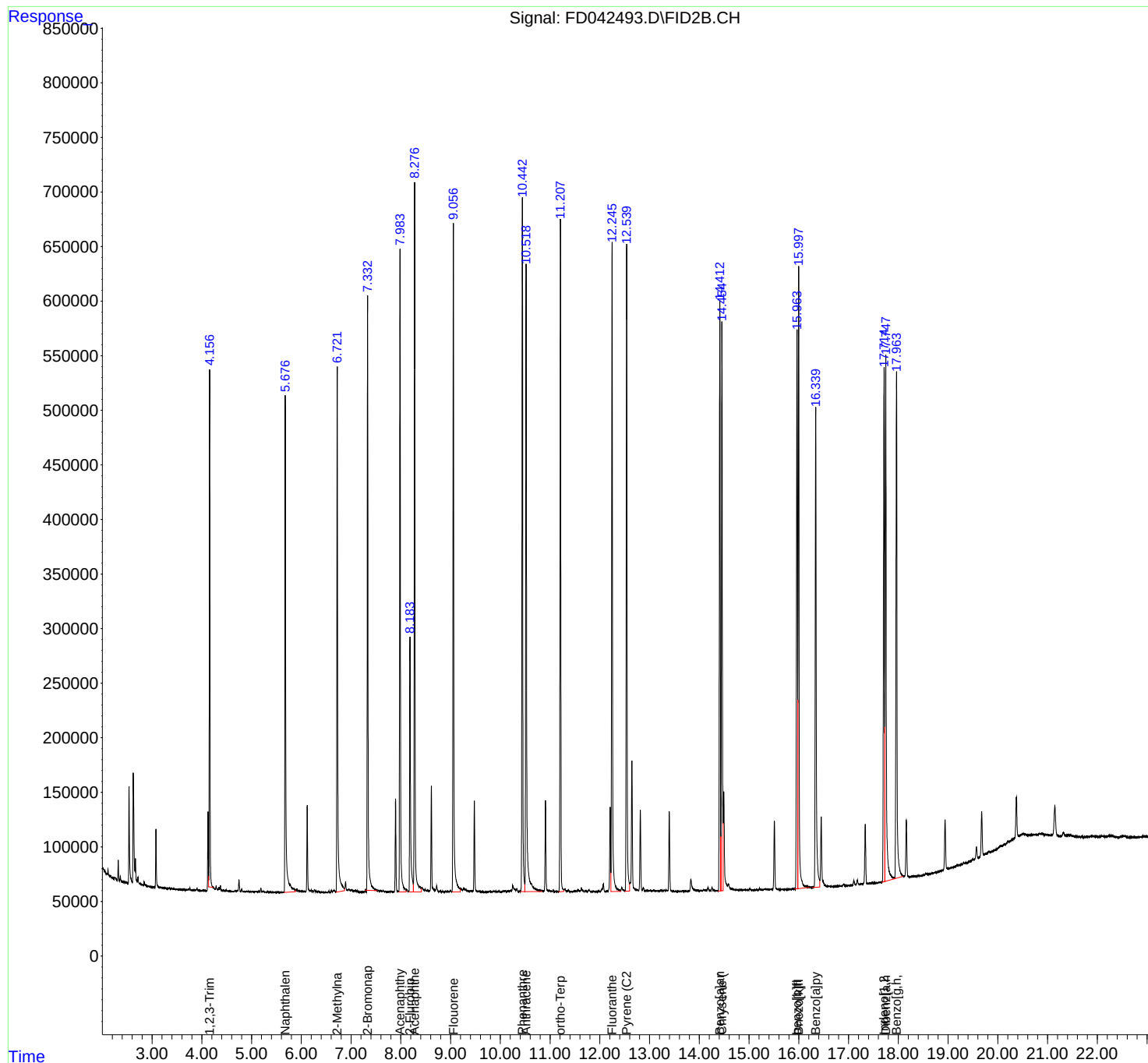
Instrument :
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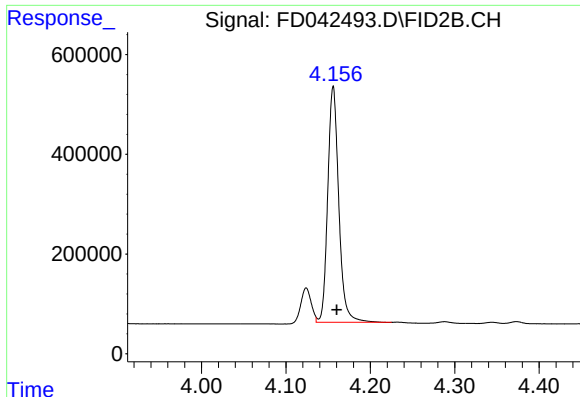
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.156 min
Delta R.T.: -0.004 min
Response: 4299369
Conc: 27.62 ug/ml

Instrument :

FID_D

ClientSampleId :

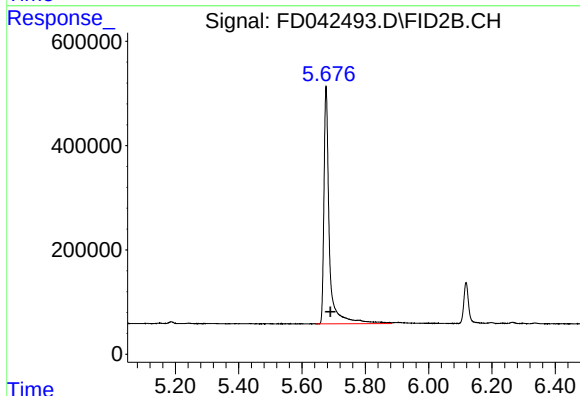
PB144851BSD

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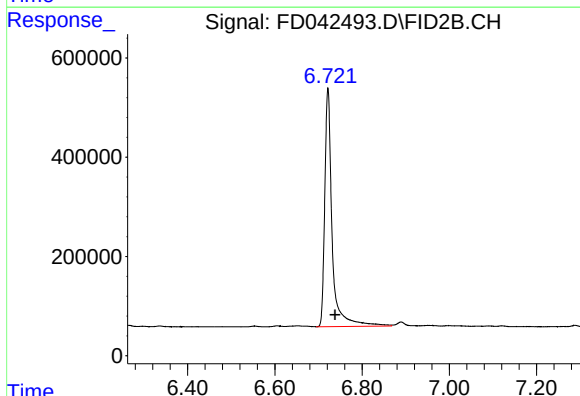
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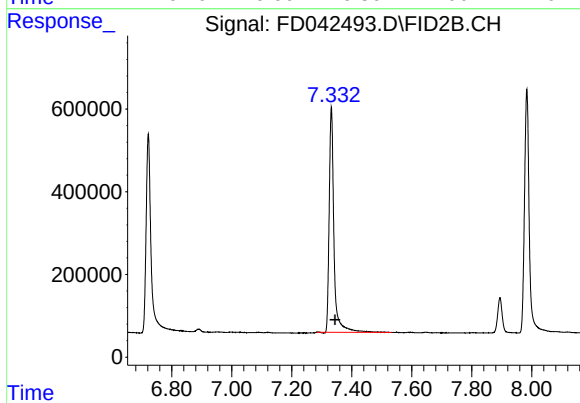
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.014 min
Response: 5422053
Conc: 34.37 ug/ml



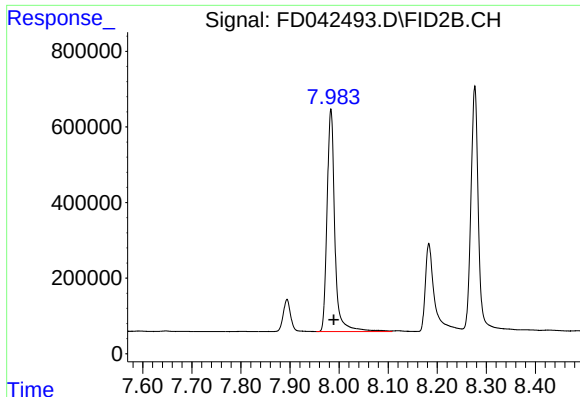
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.016 min
Response: 5688225
Conc: 39.34 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.332 min
Delta R.T.: -0.013 min
Response: 6011390
Conc: 42.89 ug/ml



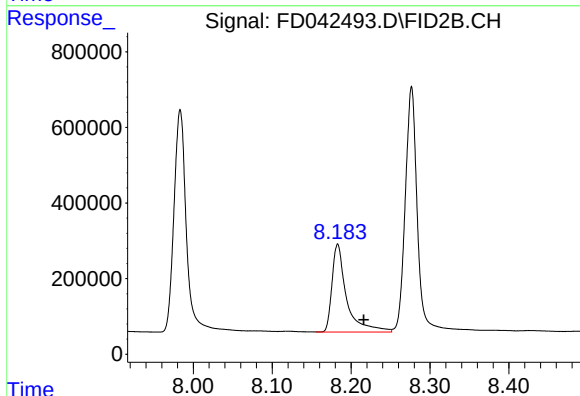
#5 Acenaphthylene (C15.06)

R.T.: 7.983 min
Delta R.T.: -0.006 min
Response: 6526836
Conc: 39.60 ug/ml

Instrument :
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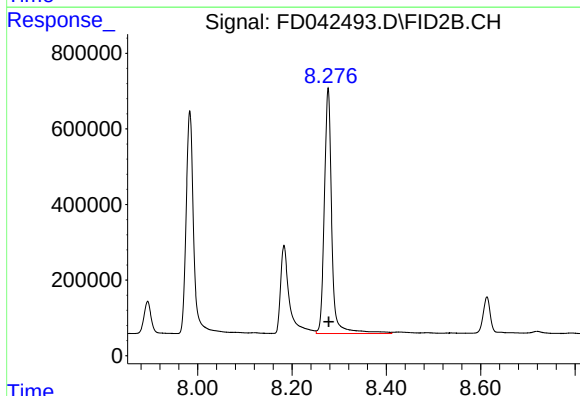
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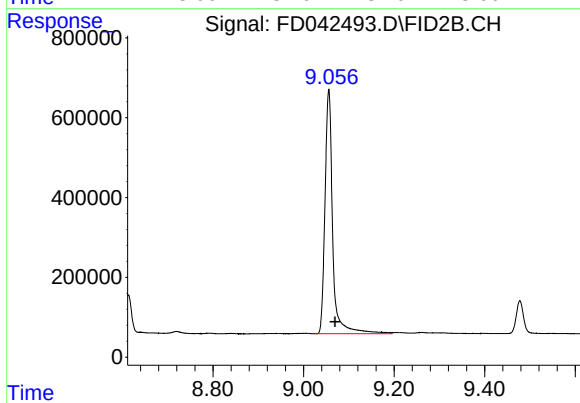
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.183 min
Delta R.T.: -0.033 min
Response: 3002565
Conc: 42.14 ug/ml



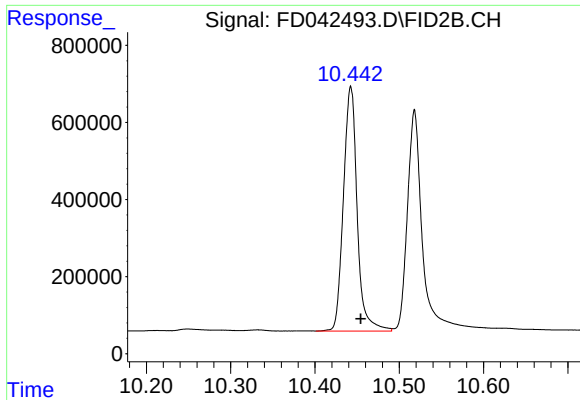
#7 Acenaphthene (C15.5)

R.T.: 8.277 min
Delta R.T.: -0.001 min
Response: 7122251
Conc: 37.94 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.056 min
Delta R.T.: -0.014 min
Response: 7243284
Conc: 47.55 ug/ml



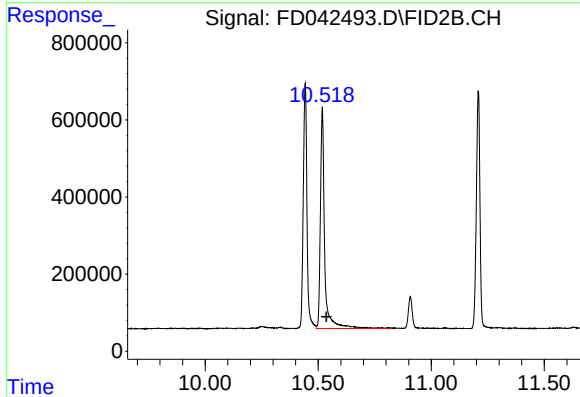
#9 Phenanthrene (C19.36)

R.T.: 10.442 min
Delta R.T.: -0.012 min
Response: 7189760
Conc: 48.42 ug/ml

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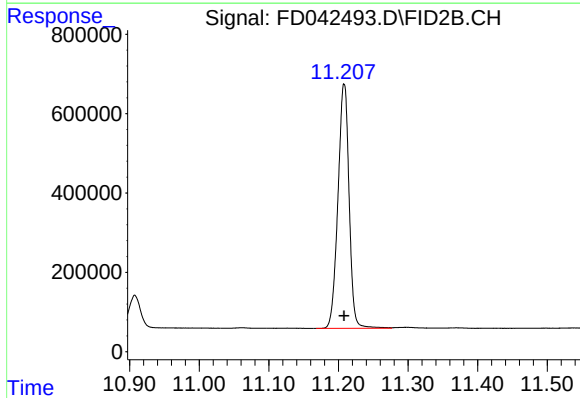
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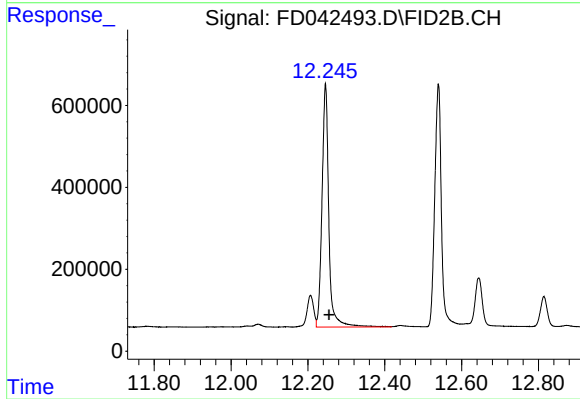
#10 Anthracene (C19.43)

R.T.: 10.518 min
Delta R.T.: -0.019 min
Response: 7551722
Conc: 45.11 ug/ml



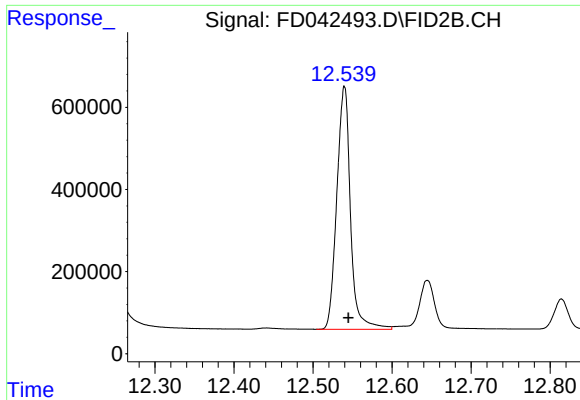
#11 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 6855023
Conc: 39.55 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.246 min
Delta R.T.: -0.009 min
Response: 7286046
Conc: 46.45 ug/ml



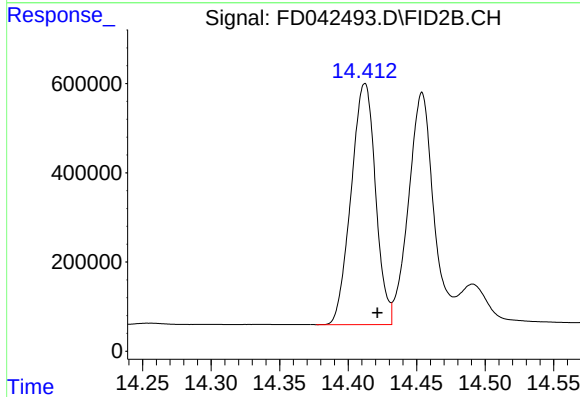
#13 Pyrene (C20.8)

R.T.: 12.539 min
Delta R.T.: -0.005 min
Response: 7135019
Conc: 43.74 ug/ml

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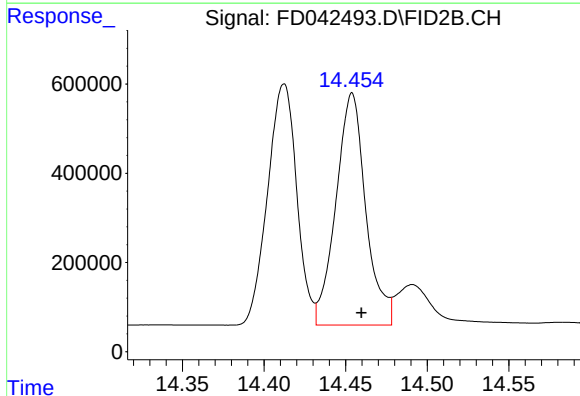
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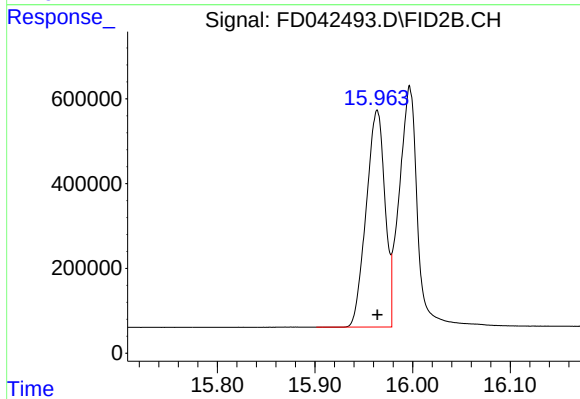
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.412 min
Delta R.T.: -0.009 min
Response: 6717465
Conc: 56.16 ug/ml



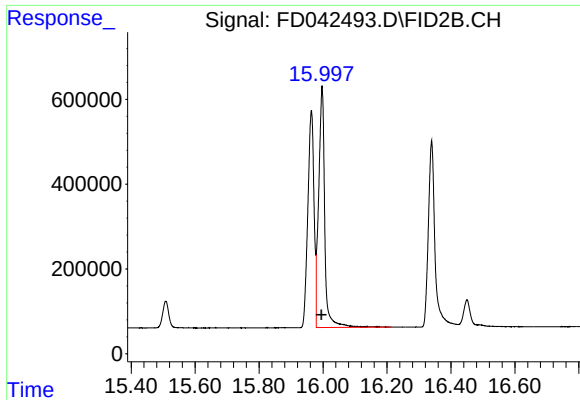
#15 Chrysene (C27.41)

R.T.: 14.454 min
Delta R.T.: -0.006 min
Response: 6624742
Conc: 36.11 ug/ml



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

R.T.: 15.963 min
Delta R.T.: 0.000 min
Response: 6824197
Conc: 51.97 ug/ml



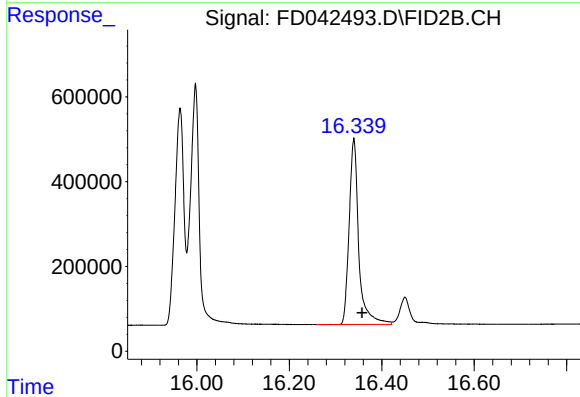
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.997 min
Delta R.T.: 0.002 min
Response: 7513226
Conc: 43.46 ug/ml

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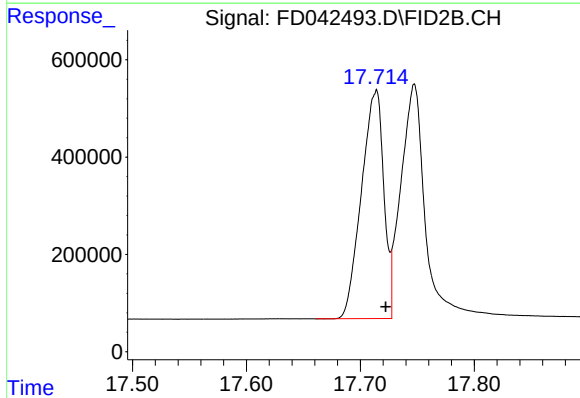
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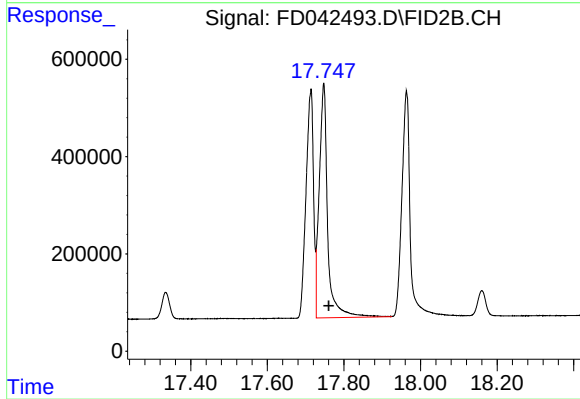
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.340 min
Delta R.T.: -0.018 min
Response: 6335004
Conc: 42.94 ug/ml



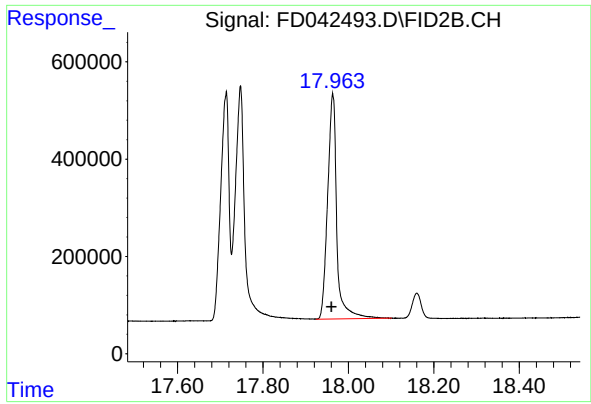
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.713 min
Delta R.T.: -0.009 min
Response: 6409078
Conc: 64.21 ug/ml



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

R.T.: 17.747 min
Delta R.T.: -0.014 min
Response: 7343186
Conc: 46.78 ug/ml



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

R.T.: 17.963 min
Delta R.T.: 0.003 min
Response: 6923994
Conc: 50.00 ug/ml

Instrument :

FID_D

ClientSampleId :

PB144851BSD

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