

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AR\
 Data File : FD040316.D
 Signal(s) : FID2B.CH
 Acq On : 31 Dec 2021 00:13
 Operator : AJ\MA
 Sample : M5257-01MS
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 D3-12292021MS

Integration File: autoint1.e
 Quant Time: Dec 31 03:44:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123021.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 30 16:15:14 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...	6.814	7841104	59.676 ug/ml
Spiked Amount 50.000		Recovery =	119.35%
6) S 2-Fluorobiphenyl (SURR)	7.664	5295257	62.363 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	124.73%
11) S ortho-Terphenyl (SURR)	10.698	5774235	41.325 ug/ml
Spiked Amount 50.000		Recovery =	82.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.664	4578670	30.444 ug/ml
2) T Naphthalene (C11.7)	5.161	4782510	31.701 ug/ml
3) T 2-Methylnaphthalene (...)	6.202	5056025	33.673 ug/ml
5) T Acenaphthylene (C15.06)	7.468	5159334	37.898 ug/ml
7) T Acenaphthene (C15.5)	7.763	5778117	39.776 ug/ml
8) T Fluorene (C16.55)	8.538	5629493	40.768 ug/ml
9) T Phenanthrene (C19.36)	9.927	6162169	45.710 ug/ml
10) T Anthracene (C19.43)	10.000	5513378	43.840 ug/ml
12) T Fluoranthene (C21.85)	11.731	6484176	48.280 ug/ml
13) T Pyrene (C20.8)	12.025	6029127	46.154 ug/ml
14) T Benzo[a]anthracene (C...	13.890	5096198	43.616 ug/ml
15) T Chrysene (C27.41)	13.934	5037666	40.294 ug/ml
16) T benzo[b]fluoranthene ...	15.437	5015905	40.438 ug/ml
17) T Bnezo[k]fluoranthene ...	15.470	4533682	36.487 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.812	4404648	36.589 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.175	3979474	34.287 ug/ml
20) T Dibenz[a,h]anthracene...	17.217	4031561	35.471 ug/ml
21) T Benzo[g,h,i]perylene ...	17.430	4090203	33.515 ug/ml

(f)=RT Delta > 1/2 Window

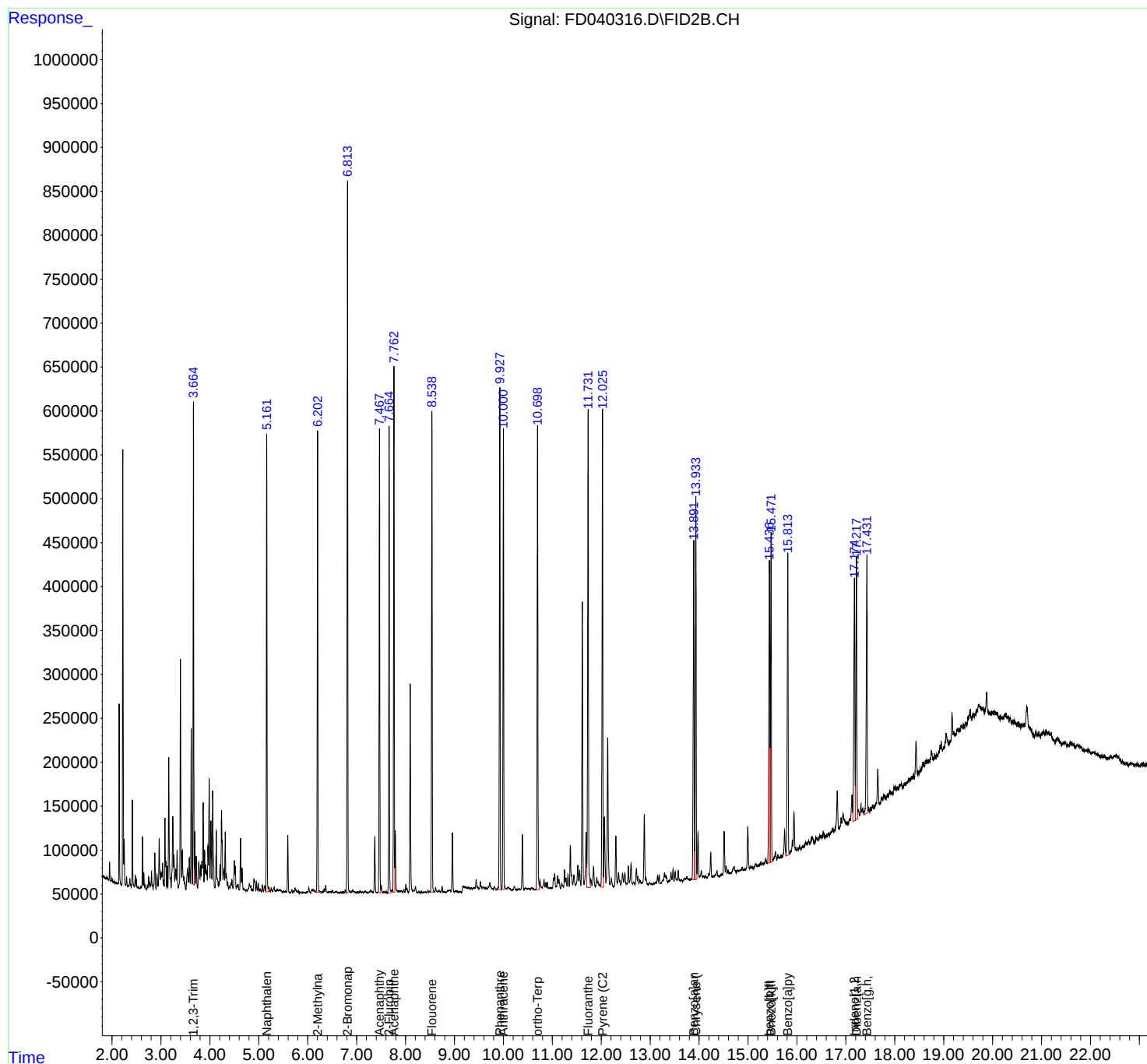
(m)=manual int.

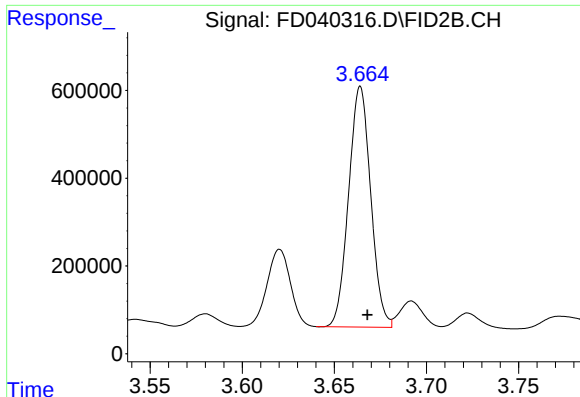
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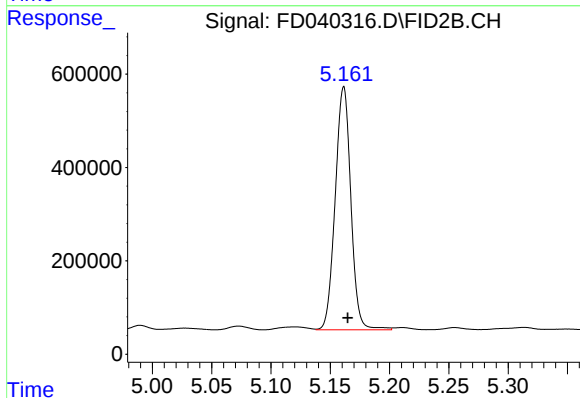




#1 1,2,3-Trimethylbenzene (C10.1)

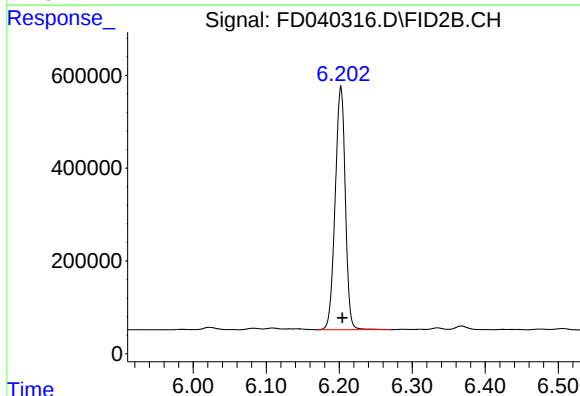
R.T.: 3.664 min
Delta R.T.: -0.004 min
Response: 4578670
Conc: 30.44 ug/ml

Instrument :
FID_D
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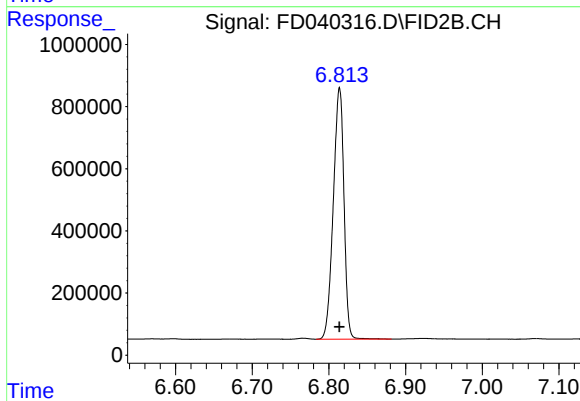
#2 Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.003 min
Response: 4782510
Conc: 31.70 ug/ml



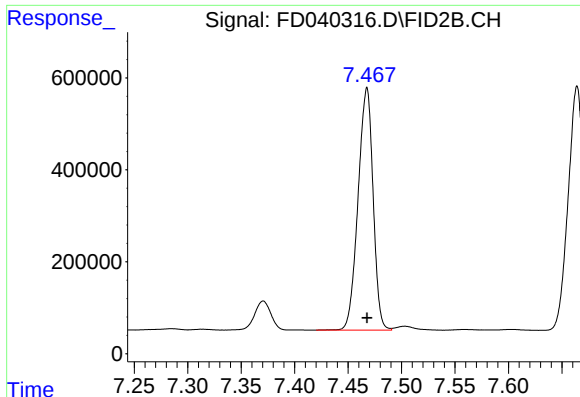
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.202 min
Delta R.T.: -0.002 min
Response: 5056025
Conc: 33.67 ug/ml



#4 2-Bromonaphthalene (SURR)

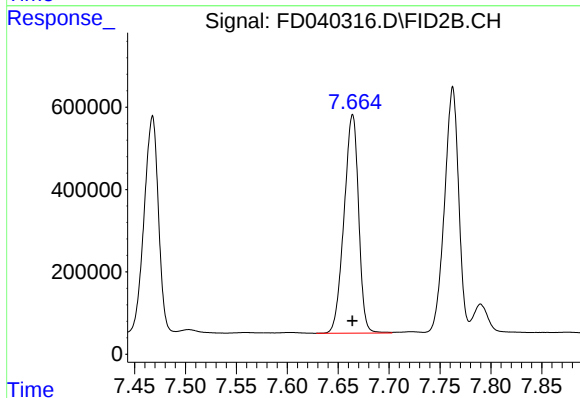
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 7841104
Conc: 59.68 ug/ml



#5 Acenaphthylene (C15.06)

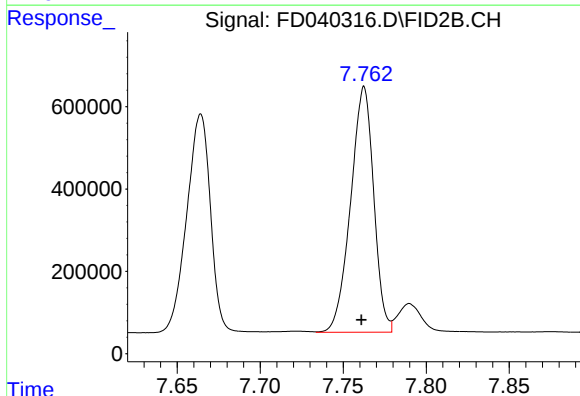
R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 5159334
Conc: 37.90 ug/ml

Instrument :
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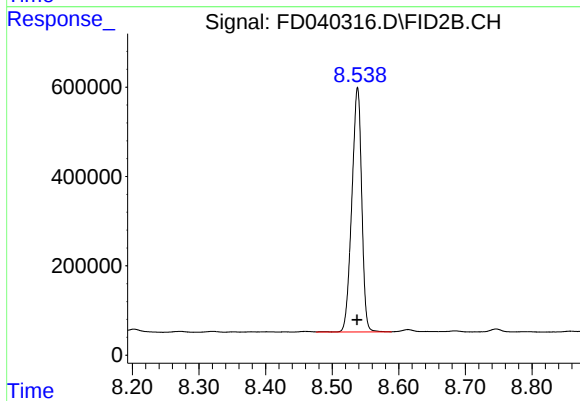
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.664 min
Delta R.T.: 0.000 min
Response: 5295257
Conc: 62.36 ug/ml



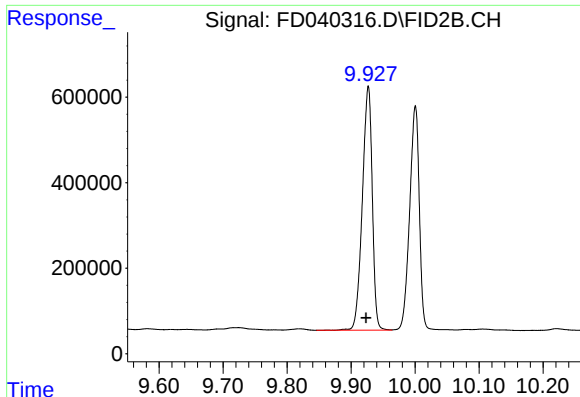
#7 Acenaphthene (C15.5)

R.T.: 7.763 min
Delta R.T.: 0.002 min
Response: 5778117
Conc: 39.78 ug/ml



#8 Fluorene (C16.55)

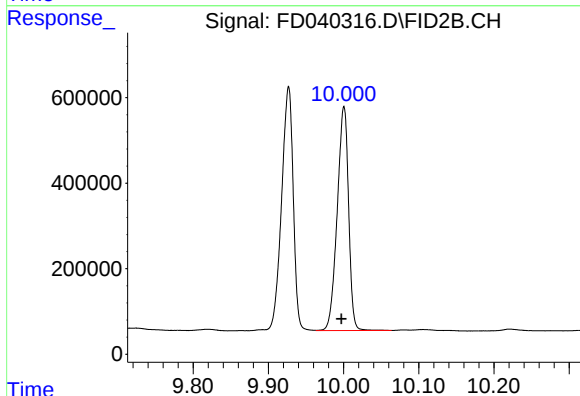
R.T.: 8.538 min
Delta R.T.: 0.001 min
Response: 5629493
Conc: 40.77 ug/ml



#9 Phenanthrene (C19.36)

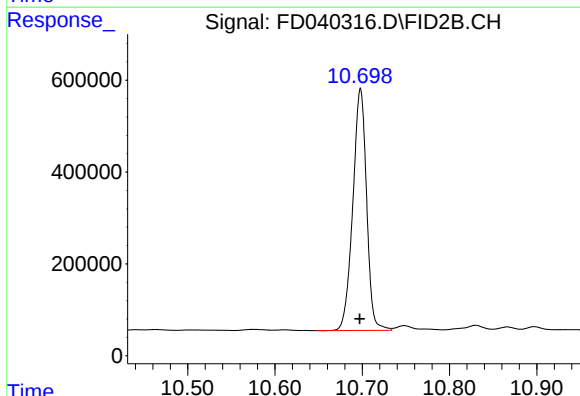
R.T.: 9.927 min
Delta R.T.: 0.003 min
Response: 6162169
Conc: 45.71 ug/ml

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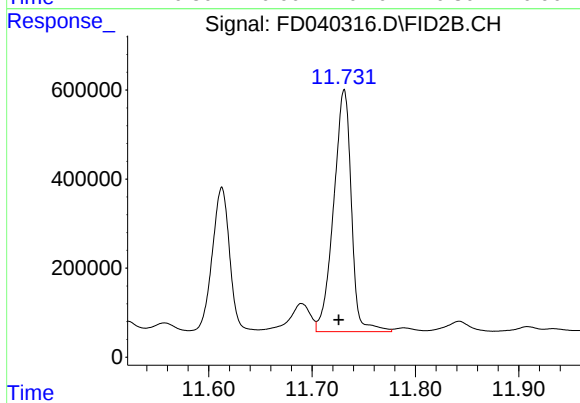
#10 Anthracene (C19.43)

R.T.: 10.000 min
Delta R.T.: 0.003 min
Response: 5513378
Conc: 43.84 ug/ml



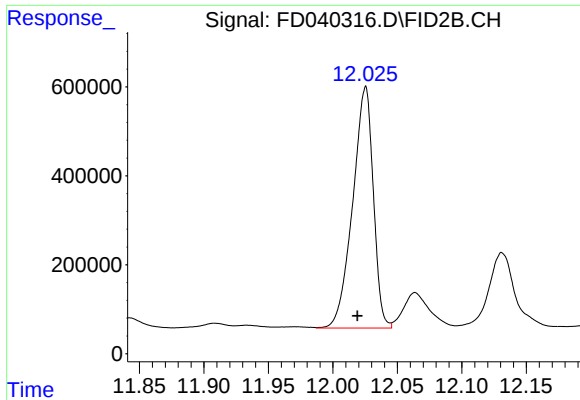
#11 ortho-Terphenyl (SURR)

R.T.: 10.698 min
Delta R.T.: 0.000 min
Response: 5774235
Conc: 41.32 ug/ml



#12 Fluoranthene (C21.85)

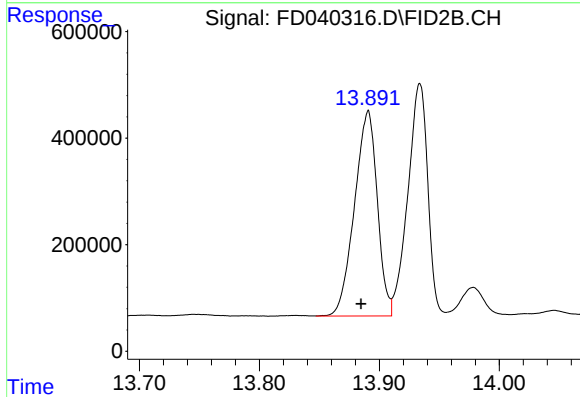
R.T.: 11.731 min
Delta R.T.: 0.005 min
Response: 6484176
Conc: 48.28 ug/ml



#13 Pyrene (C20.8)

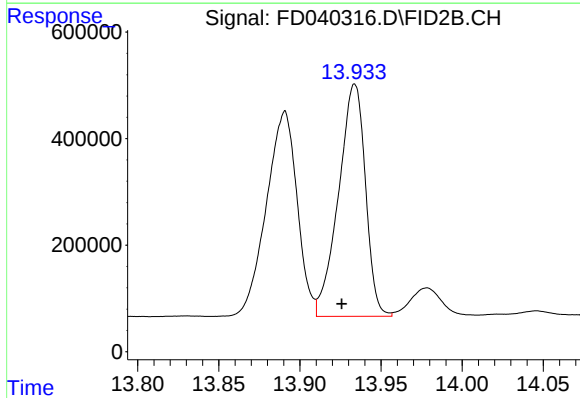
R.T.: 12.025 min
Delta R.T.: 0.006 min
Response: 6029127
Conc: 46.15 ug/ml

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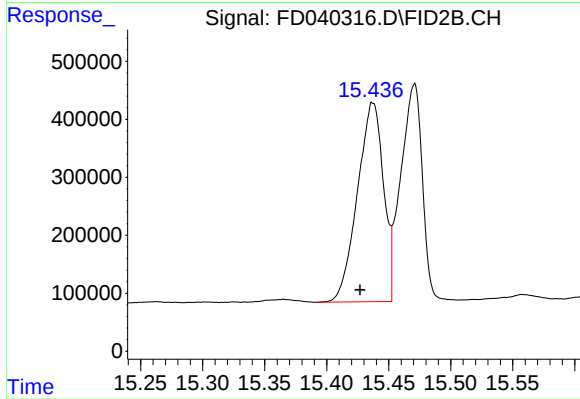
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.890 min
Delta R.T.: 0.005 min
Response: 5096198
Conc: 43.62 ug/ml



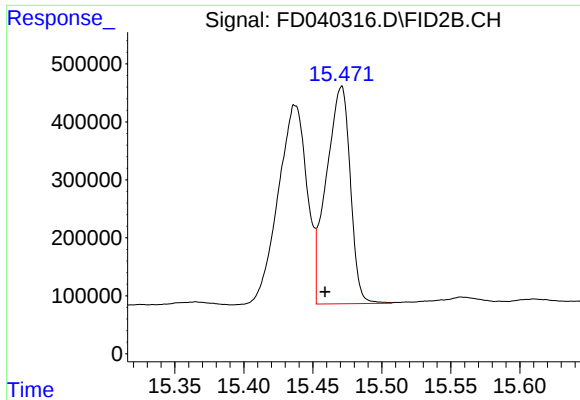
#15 Chrysene (C27.41)

R.T.: 13.934 min
Delta R.T.: 0.008 min
Response: 5037666
Conc: 40.29 ug/ml



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

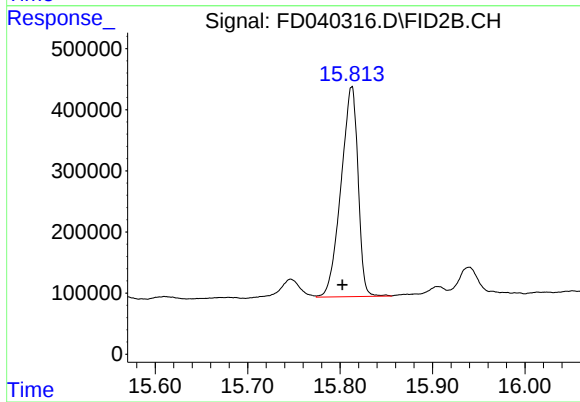
R.T.: 15.437 min
Delta R.T.: 0.010 min
Response: 5015905
Conc: 40.44 ug/ml



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

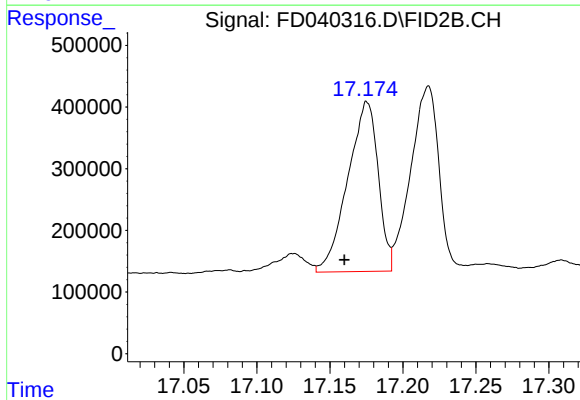
R.T.: 15.470 min
Delta R.T.: 0.011 min
Response: 4533682
Conc: 36.49 ug/ml

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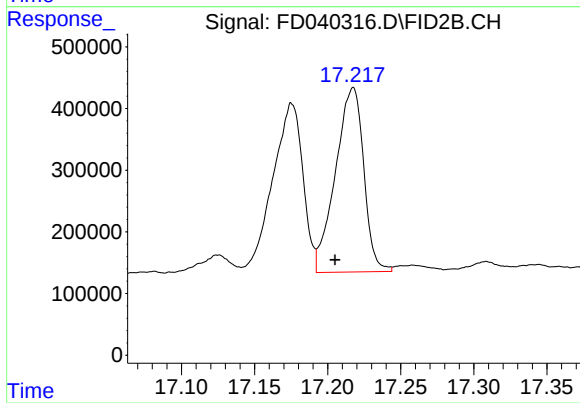
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.812 min
Delta R.T.: 0.010 min
Response: 4404648
Conc: 36.59 ug/ml



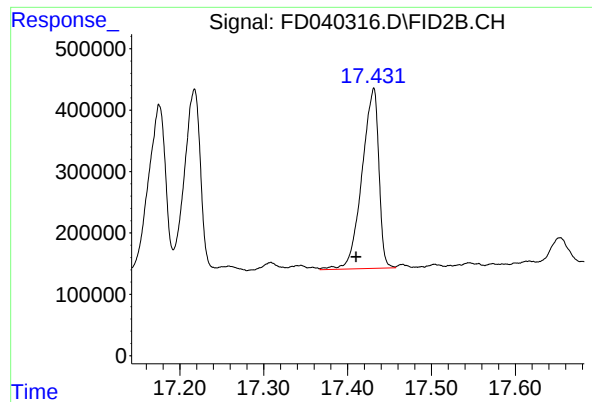
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.175 min
Delta R.T.: 0.015 min
Response: 3979474
Conc: 34.29 ug/ml



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

R.T.: 17.217 min
Delta R.T.: 0.012 min
Response: 4031561
Conc: 35.47 ug/ml



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

R.T.: 17.430 min
Delta R.T.: 0.020 min
Response: 4090203
Conc: 33.52 ug/ml

Instrument :

FID_D

ClientSampleId :

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