

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AR\
 Data File : FD040319.D
 Signal(s) : FID2B.CH
 Acq On : 31 Dec 2021 1:55
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 31 03:45:55 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

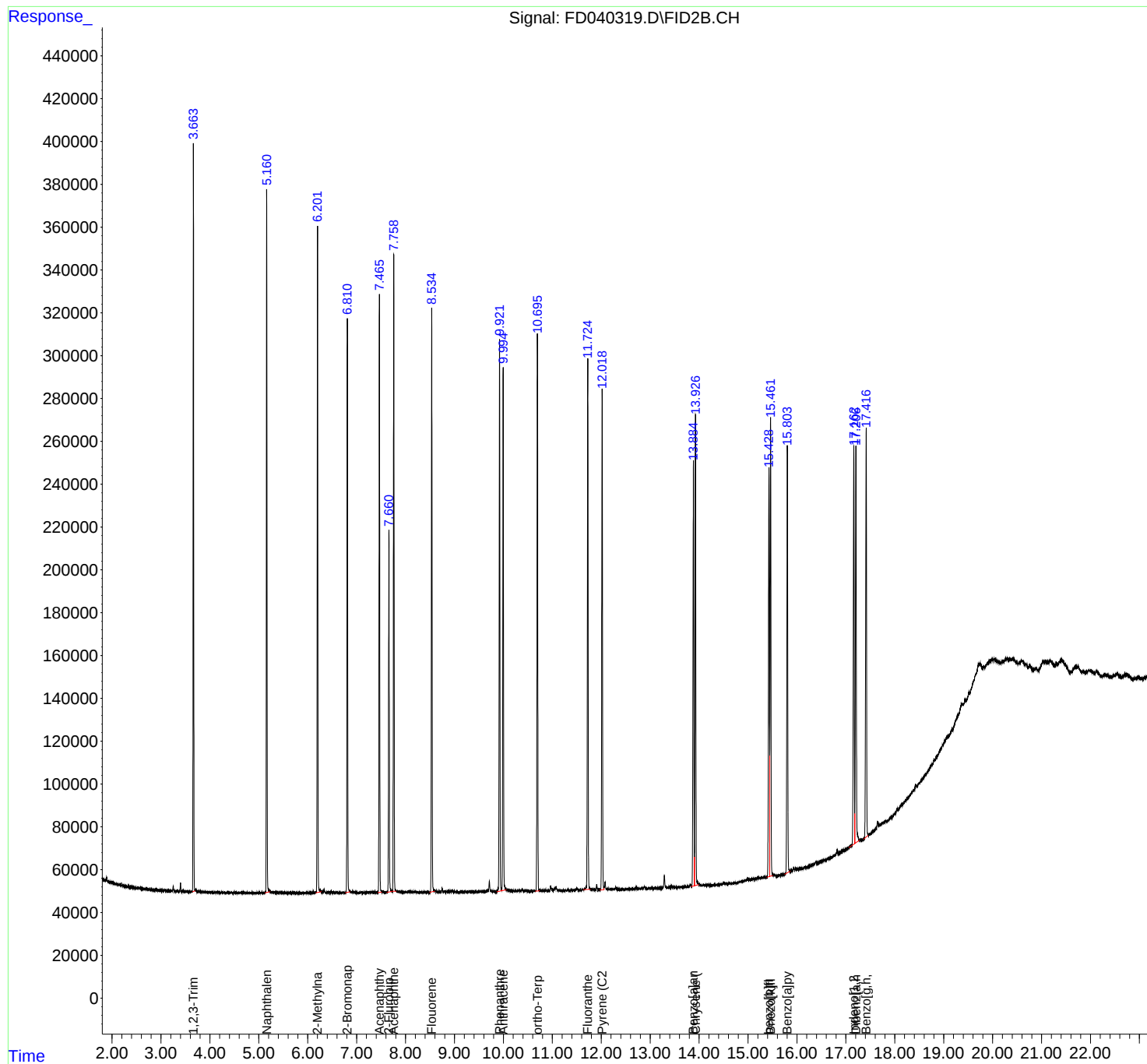
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	6.810	2619142	19.933 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
6) S 2-Fluorobiphenyl (SURR)	7.660	1704429	20.073 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.15%
11) S ortho-Terphenyl (SURR)	10.695	2772928	19.845 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.663	2973675	19.772 ug/ml
2) T Naphthalene (C11.7)	5.161	3002440	19.902 ug/ml
3) T 2-Methylnaphthalene (...)	6.201	2997220	19.961 ug/ml
5) T Acenaphthylene (C15.06)	7.465	2718071	19.965 ug/ml
7) T Acenaphthene (C15.5)	7.759	2889152	19.888 ug/ml
8) T Fluorene (C16.55)	8.534	2776151	20.104 ug/ml
9) T Phenanthrene (C19.36)	9.922	2712729	20.122 ug/ml
10) T Anthracene (C19.43)	9.995	2534937	20.157 ug/ml
12) T Fluoranthene (C21.85)	11.724	2686743	20.005 ug/ml
13) T Pyrene (C20.8)	12.018	2624438	20.091 ug/ml
14) T Benzo[a]anthracene (C...	13.884	2384094	20.405 ug/ml
15) T Chrysene (C27.41)	13.926	2548360	20.383 ug/ml
16) T benzo[b]fluoranthene ...	15.428	2514711	20.274 ug/ml
17) T Bnezo[k]fluoranthene ...	15.461	2507033	20.176 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.803	2457762	20.417 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.163	2409628	20.761 ug/ml
20) T Dibenz[a,h]anthracene...	17.206	2414088	21.240 ug/ml
21) T Benzo[g,h,i]perylene ...	17.416	2482822	20.344 ug/ml

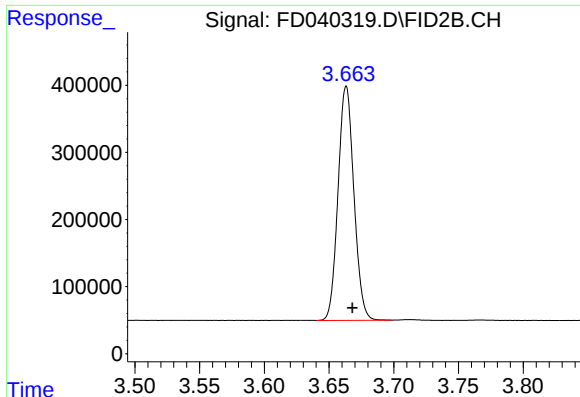
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM AROMATIC HC STD

Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

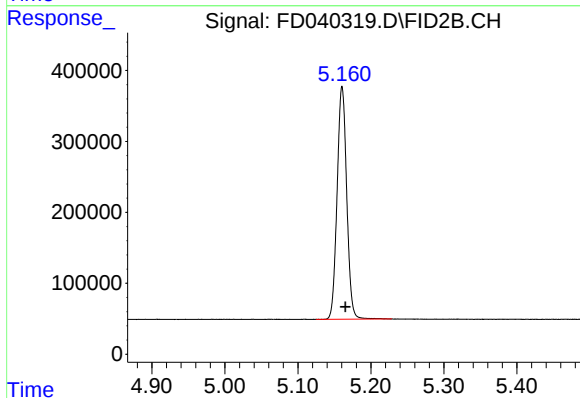




#1 1,2,3-Trimethylbenzene (C10.1)

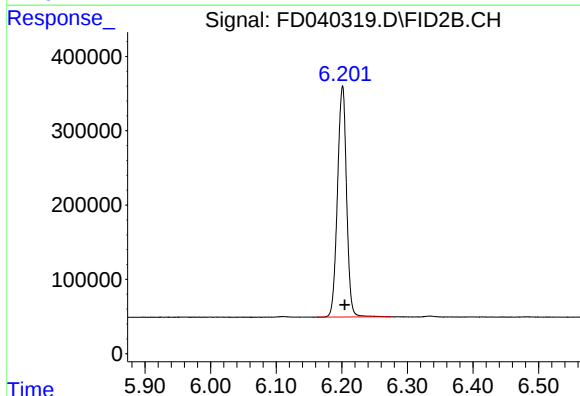
R.T.: 3.663 min
Delta R.T.: -0.005 min
Response: 2973675
Conc: 19.77 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



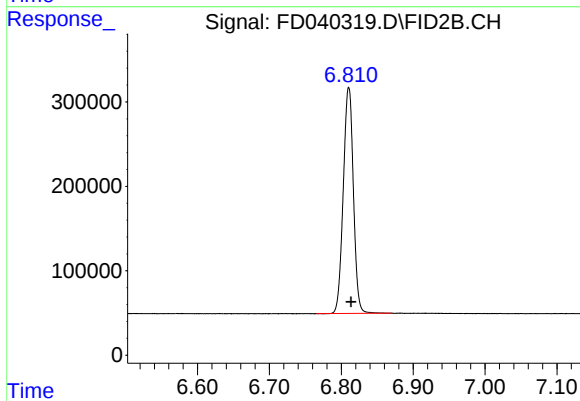
#2 Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.004 min
Response: 3002440
Conc: 19.90 ug/ml



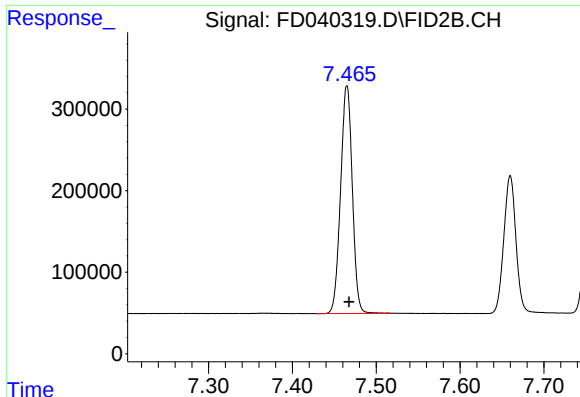
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 2997220
Conc: 19.96 ug/ml



#4 2-Bromonaphthalene (SURR)

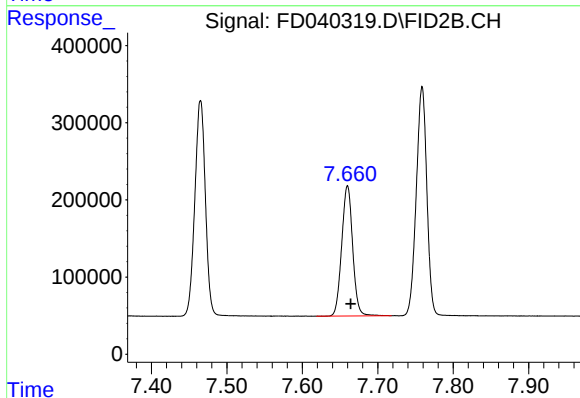
R.T.: 6.810 min
Delta R.T.: -0.003 min
Response: 2619142
Conc: 19.93 ug/ml



#5 Acenaphthylene (C15.06)

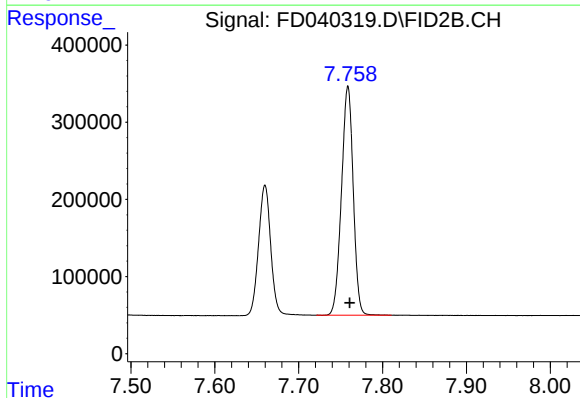
R.T.: 7.465 min
Delta R.T.: -0.003 min
Response: 2718071
Conc: 19.97 ug/ml

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20 PPM AROMATIC HC STD



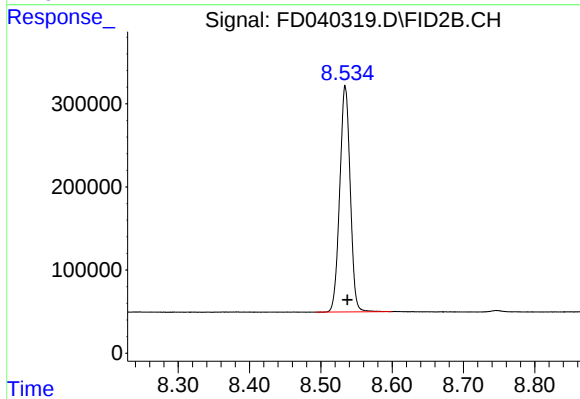
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.660 min
Delta R.T.: -0.004 min
Response: 1704429
Conc: 20.07 ug/ml



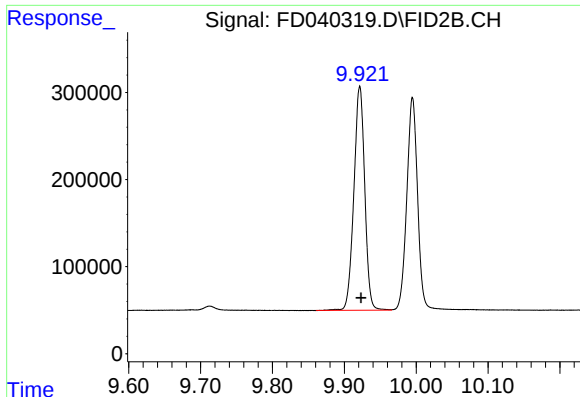
#7 Acenaphthene (C15.5)

R.T.: 7.759 min
Delta R.T.: -0.002 min
Response: 2889152
Conc: 19.89 ug/ml



#8 Flouorene (C16.55)

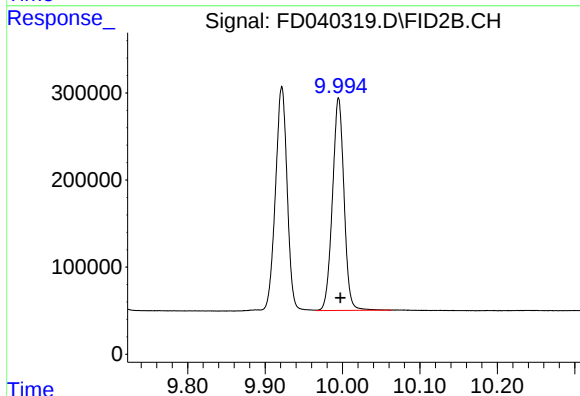
R.T.: 8.534 min
Delta R.T.: -0.003 min
Response: 2776151
Conc: 20.10 ug/ml



#9 Phenanthrene (C19.36)

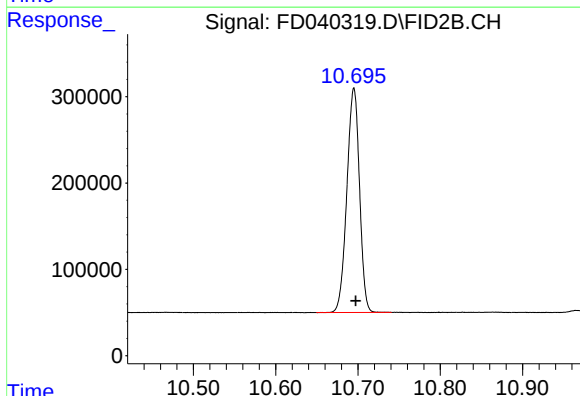
R.T.: 9.922 min
Delta R.T.: -0.002 min
Response: 2712729
Conc: 20.12 ug/ml

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20 PPM AROMATIC HC STD



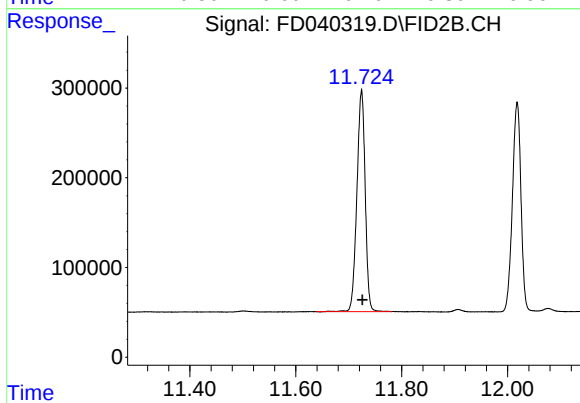
#10 Anthracene (C19.43)

R.T.: 9.995 min
Delta R.T.: -0.002 min
Response: 2534937
Conc: 20.16 ug/ml



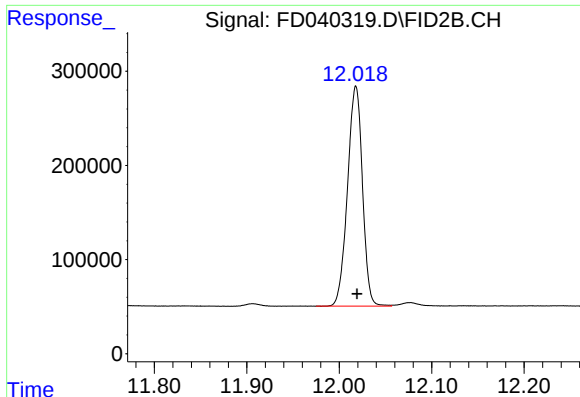
#11 ortho-Terphenyl (SURR)

R.T.: 10.695 min
Delta R.T.: -0.002 min
Response: 2772928
Conc: 19.85 ug/ml



#12 Fluoranthene (C21.85)

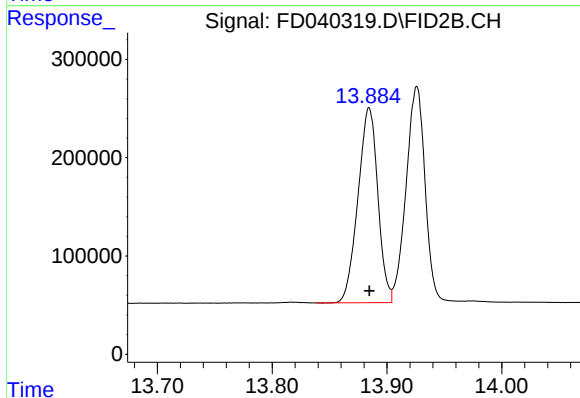
R.T.: 11.724 min
Delta R.T.: -0.002 min
Response: 2686743
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

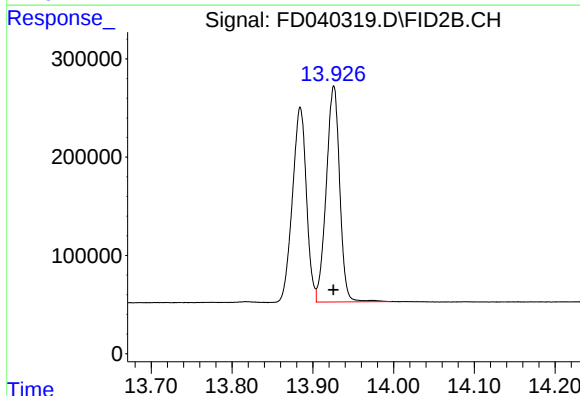
R.T.: 12.018 min
Delta R.T.: -0.001 min
Response: 2624438
Conc: 20.09 ug/ml

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20 PPM AROMATIC HC STD



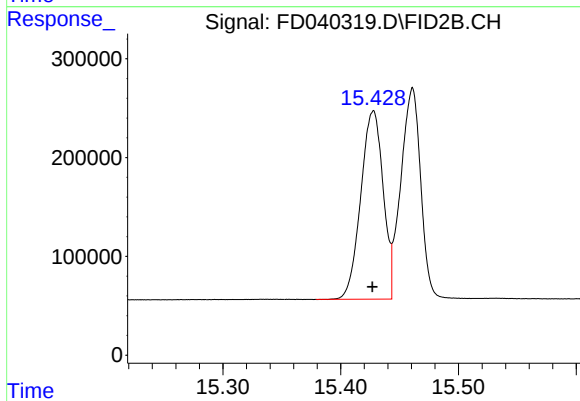
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.884 min
Delta R.T.: 0.000 min
Response: 2384094
Conc: 20.40 ug/ml



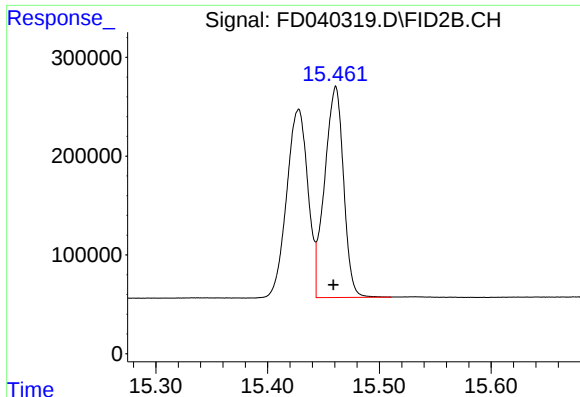
#15 Chrysene (C27.41)

R.T.: 13.926 min
Delta R.T.: 0.000 min
Response: 2548360
Conc: 20.38 ug/ml



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

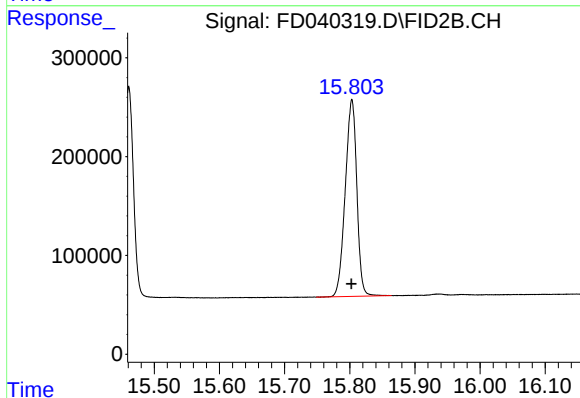
R.T.: 15.428 min
Delta R.T.: 0.000 min
Response: 2514711
Conc: 20.27 ug/ml



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

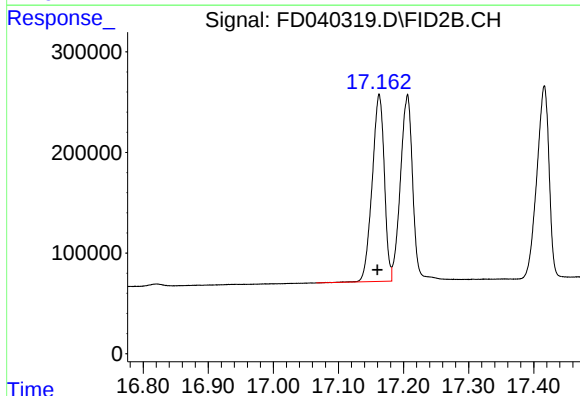
R.T.: 15.461 min
Delta R.T.: 0.002 min
Response: 2507033
Conc: 20.18 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



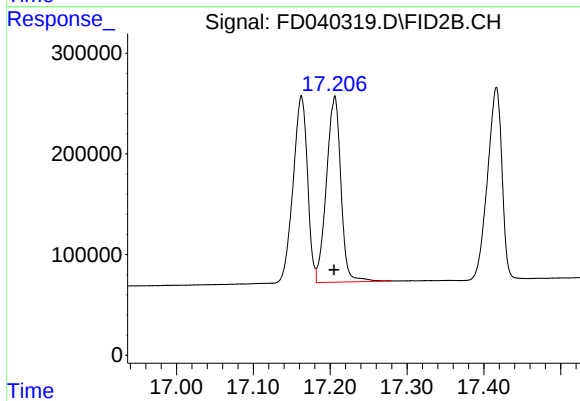
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.803 min
Delta R.T.: 0.000 min
Response: 2457762
Conc: 20.42 ug/ml



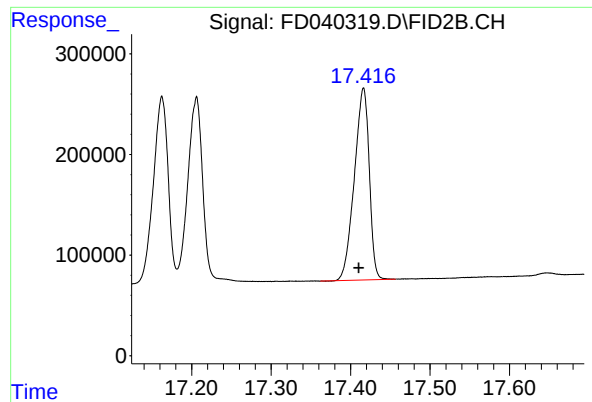
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.163 min
Delta R.T.: 0.003 min
Response: 2409628
Conc: 20.76 ug/ml



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

R.T.: 17.206 min
Delta R.T.: 0.001 min
Response: 2414088
Conc: 21.24 ug/ml



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

R.T.: 17.416 min
Delta R.T.: 0.006 min
Response: 2482822
Conc: 20.34 ug/ml

Instrument :

FID_D

ClientSampleId :

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