

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011422AR\
 Data File : FD040607.D
 Signal(s) : FID2B.CH
 Acq On : 14 Jan 2022 9:12
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 14 09:37:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 01:13:45 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...	6.734	2887050	20.186 ug/ml
Spiked Amount 50.000		Recovery =	40.37%
6) S 2-Fluorobiphenyl (SURR)	7.581	1889797	19.846 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.69%
11) S ortho-Terphenyl (SURR)	10.616	3131199	20.036 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.593	3201633	20.698 ug/ml
2) T Naphthalene (C11.7)	5.084	3325184	20.776 ug/ml
3) T 2-Methylnaphthalene (...)	6.123	3295648	20.303 ug/ml
5) T Acenaphthylene (C15.06)	7.386	3178123	21.142 ug/ml
7) T Acenaphthene (C15.5)	7.680	3459261	21.462 ug/ml
8) T Fluorene (C16.55)	8.455	3058692	19.679 ug/ml
9) T Phenanthrene (C19.36)	9.842	2984225	19.398 ug/ml
10) T Anthracene (C19.43)	9.915	2735235	18.722 ug/ml
12) T Fluoranthene (C21.85)	11.643	2953341	19.020 ug/ml
13) T Pyrene (C20.8)	11.937	3041500	20.150 ug/ml
14) T Benzo[a]anthracene (C...	13.803	2705269	20.392 ug/ml
15) T Chrysene (C27.41)	13.845	2843621	19.446 ug/ml
16) T benzo[b]fluoranthene ...	15.379	2938543	21.505 ug/ml
17) T Bnezo[k]fluoranthene ...	15.379	2938543	21.229 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.722	2673278	20.508 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.082	2676148	21.962 ug/ml
20) T Dibenz[a,h]anthracene...	17.124	2739711	22.523 ug/ml
21) T Benzo[g,h,i]perylene ...	17.333	2639969	20.560 ug/ml

(f)=RT Delta > 1/2 Window

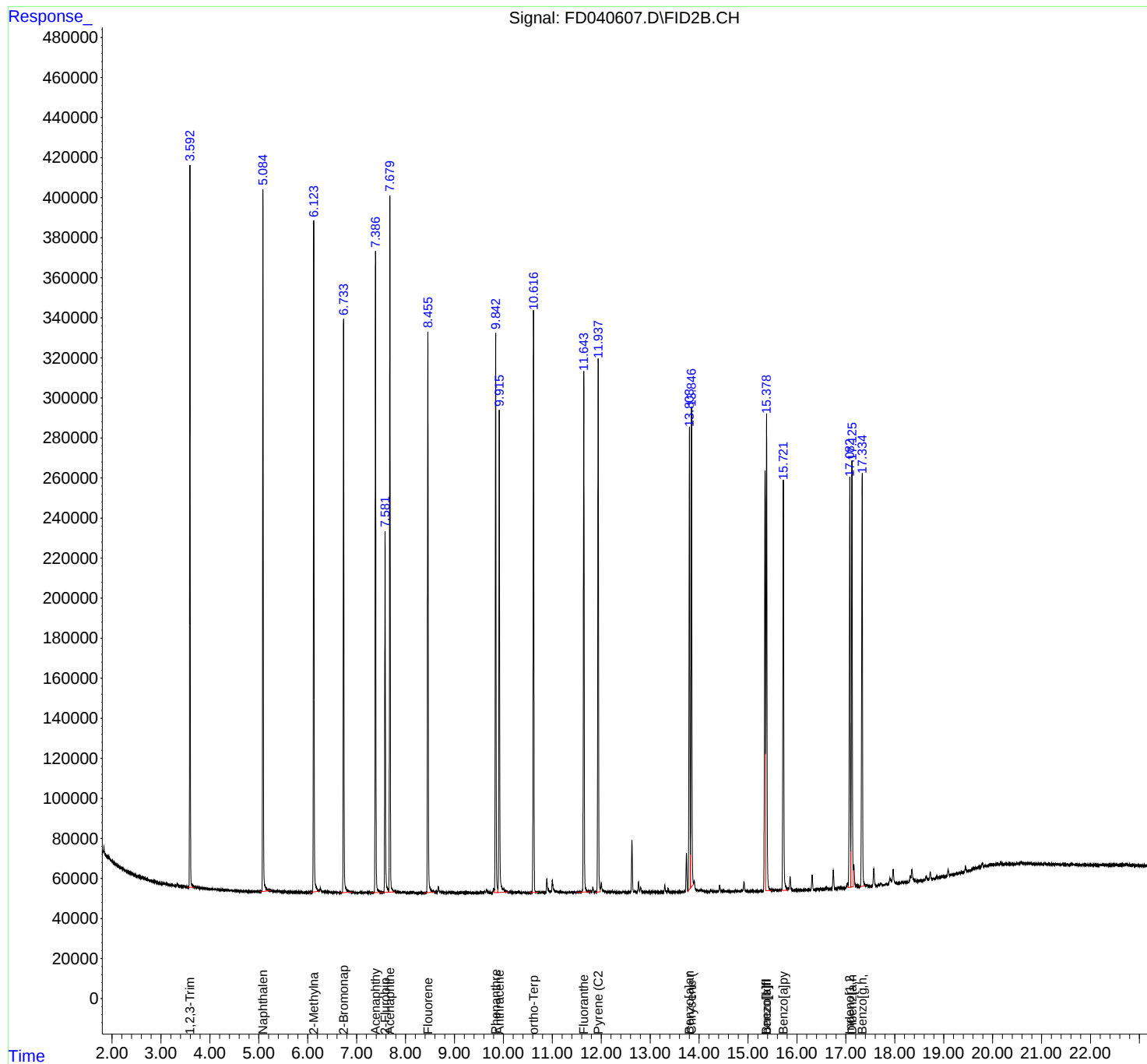
(m)=manual int.

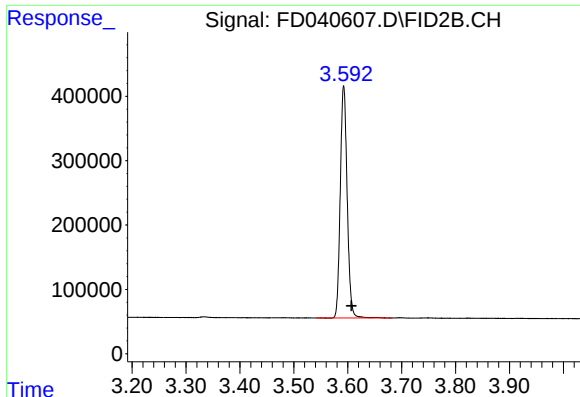
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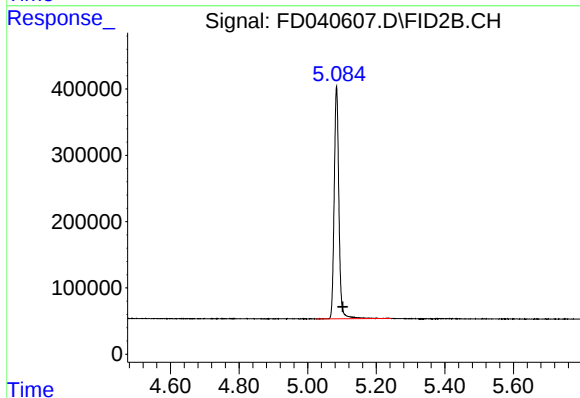




#1 1,2,3-Trimethylbenzene (C10.1)

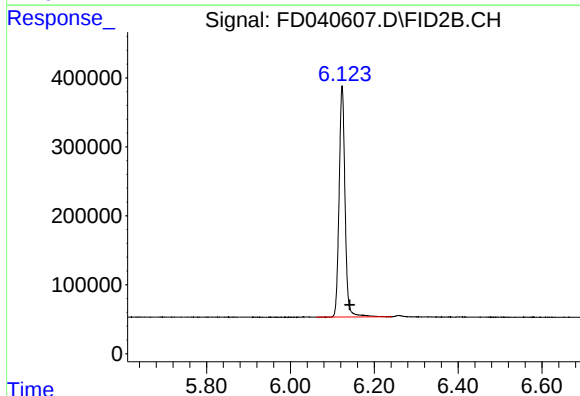
R.T.: 3.593 min
Delta R.T.: -0.014 min
Response: 3201633
Conc: 20.70 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



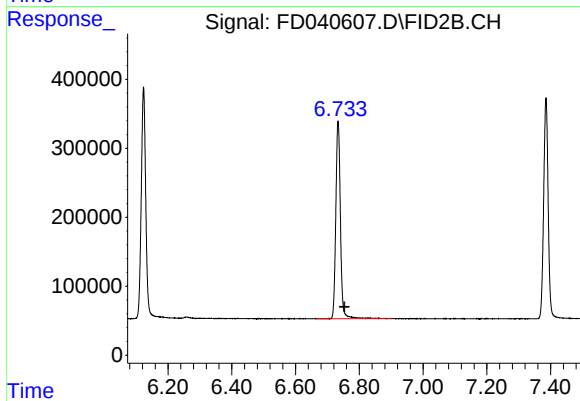
#2 Naphthalene (C11.7)

R.T.: 5.084 min
Delta R.T.: -0.018 min
Response: 3325184
Conc: 20.78 ug/ml



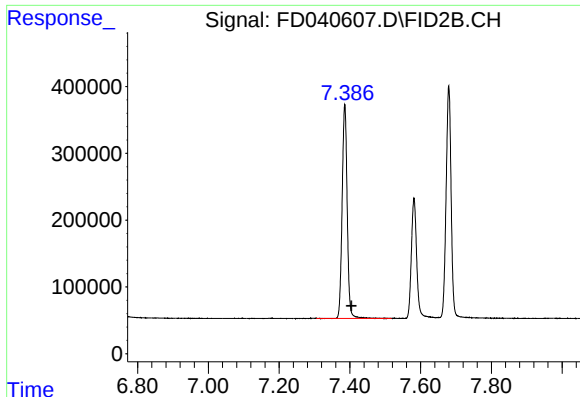
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.123 min
Delta R.T.: -0.018 min
Response: 3295648
Conc: 20.30 ug/ml



#4 2-Bromonaphthalene (SURR)

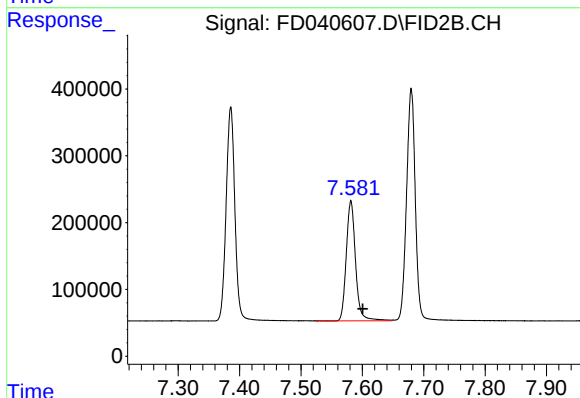
R.T.: 6.734 min
Delta R.T.: -0.019 min
Response: 2887050
Conc: 20.19 ug/ml



#5 Acenaphthylene (C15.06)

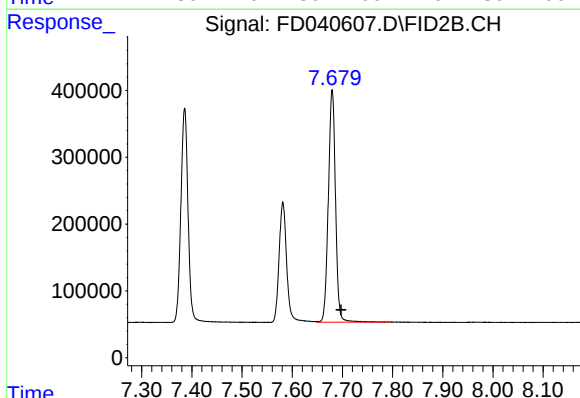
R.T.: 7.386 min
Delta R.T.: -0.019 min
Response: 3178123
Conc: 21.14 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



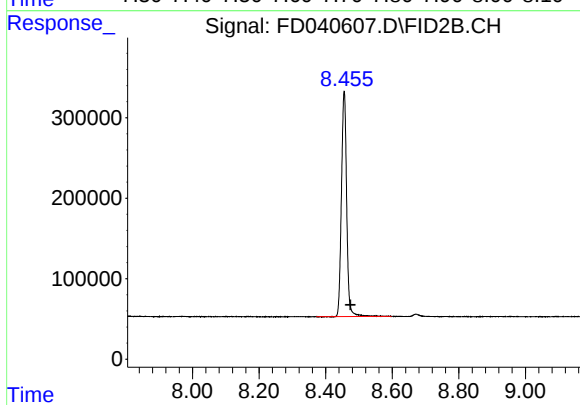
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.581 min
Delta R.T.: -0.019 min
Response: 1889797
Conc: 19.85 ug/ml



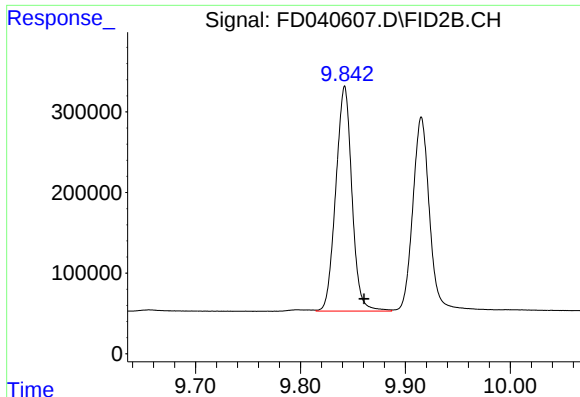
#7 Acenaphthene (C15.5)

R.T.: 7.680 min
Delta R.T.: -0.018 min
Response: 3459261
Conc: 21.46 ug/ml



#8 Fluorene (C16.55)

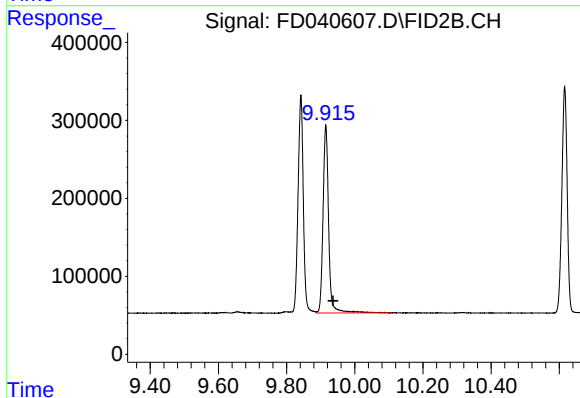
R.T.: 8.455 min
Delta R.T.: -0.019 min
Response: 3058692
Conc: 19.68 ug/ml



#9 Phenanthrene (C19.36)

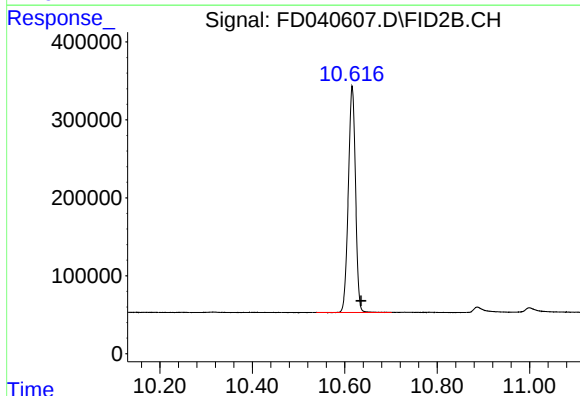
R.T.: 9.842 min
Delta R.T.: -0.019 min
Response: 2984225
Conc: 19.40 ug/ml

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20 PPM AROMATIC HC STD



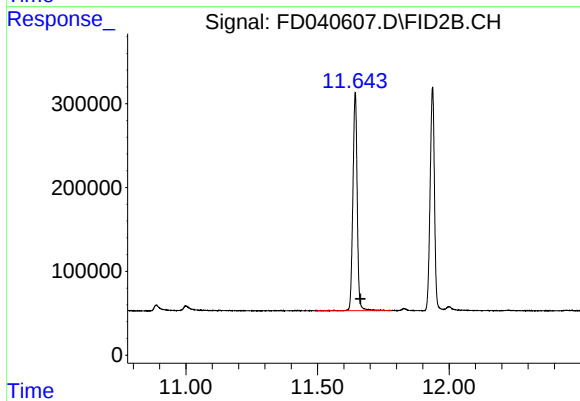
#10 Anthracene (C19.43)

R.T.: 9.915 min
Delta R.T.: -0.021 min
Response: 2735235
Conc: 18.72 ug/ml



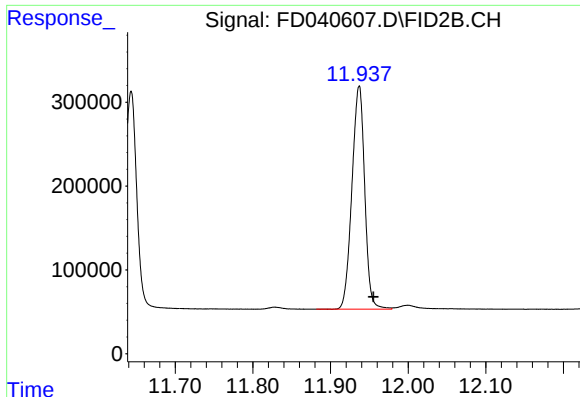
#11 ortho-Terphenyl (SURR)

R.T.: 10.616 min
Delta R.T.: -0.020 min
Response: 3131199
Conc: 20.04 ug/ml



#12 Fluoranthene (C21.85)

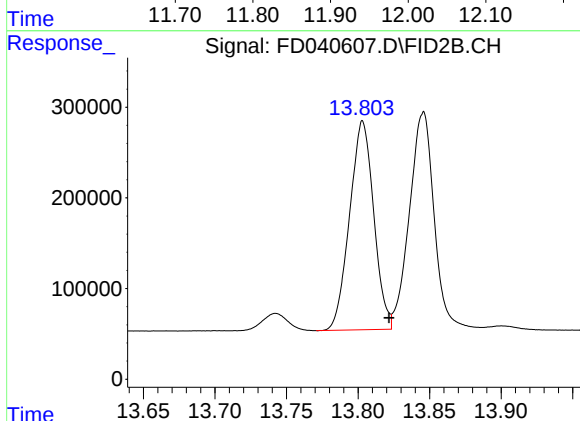
R.T.: 11.643 min
Delta R.T.: -0.019 min
Response: 2953341
Conc: 19.02 ug/ml



#13 Pyrene (C20.8)

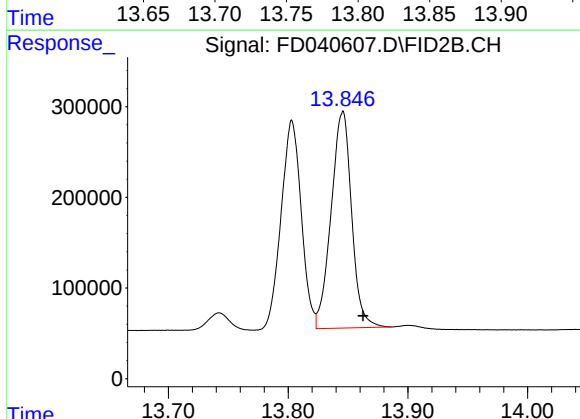
R.T.: 11.937 min
Delta R.T.: -0.019 min
Response: 3041500
Conc: 20.15 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



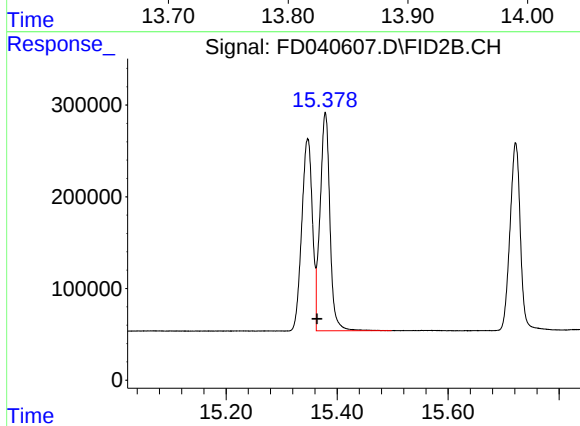
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.803 min
Delta R.T.: -0.018 min
Response: 2705269
Conc: 20.39 ug/ml



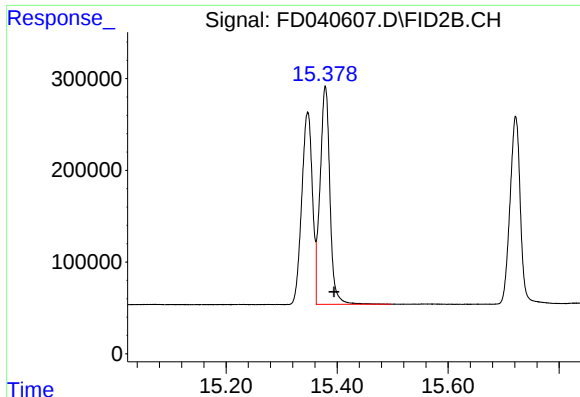
#15 Chrysene (C27.41)

R.T.: 13.845 min
Delta R.T.: -0.017 min
Response: 2843621
Conc: 19.45 ug/ml



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

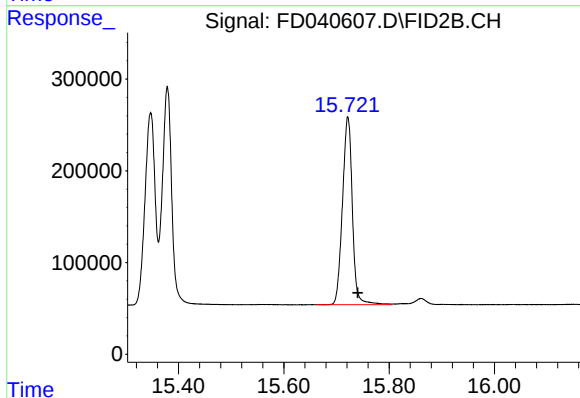
R.T.: 15.379 min
Delta R.T.: 0.015 min
Response: 2938543
Conc: 21.51 ug/ml



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

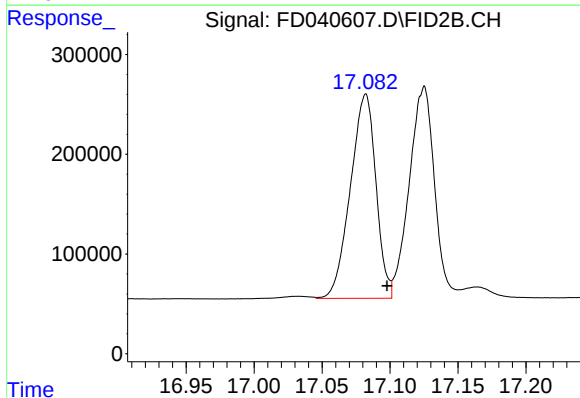
R.T.: 15.379 min
Delta R.T.: -0.016 min
Response: 2938543
Conc: 21.23 ug/ml

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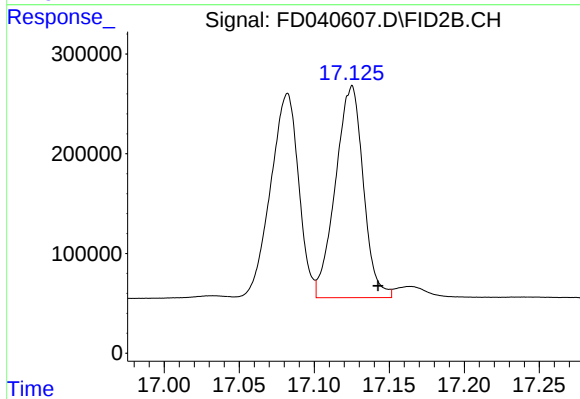
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.722 min
Delta R.T.: -0.019 min
Response: 2673278
Conc: 20.51 ug/ml



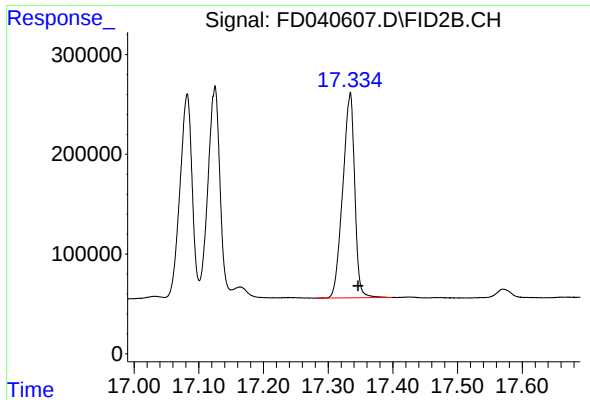
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.082 min
Delta R.T.: -0.016 min
Response: 2676148
Conc: 21.96 ug/ml



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

R.T.: 17.124 min
Delta R.T.: -0.018 min
Response: 2739711
Conc: 22.52 ug/ml



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

R.T.: 17.333 min
Delta R.T.: -0.013 min
Response: 2639969
Conc: 20.56 ug/ml

Instrument :
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ClientSampleId :
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