

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052722AR\
 Data File : FD042651.D
 Signal(s) : FID2B.CH
 Acq On : 27 May 2022 15:19
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: sample.E
 Quant Time: May 27 16:59:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Fri May 27 15:01:17 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...	7.668	2977124	19.482 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
6) S 2-Fluorobiphenyl (SURR)	8.530	2002898	19.475 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.95%
11) S ortho-Terphenyl (SURR)	11.578	3465813	19.523 ug/ml
Spiked Amount 50.000		Recovery =	39.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.462	3264508	19.498 ug/ml
2) T Naphthalene (C11.7)	6.004	3387449	19.593 ug/ml
3) T 2-Methylnaphthalene (...)	7.056	3104986	19.471 ug/ml
5) T Acenaphthylene (C15.06)	8.334	3365016	19.477 ug/ml
7) T Acenaphthene (C15.5)	8.630	3353169	19.488 ug/ml
8) T Flouorene (C16.55)	9.411	3276776	19.518 ug/ml
9) T Phenanthrene (C19.36)	10.810	3206246	19.498 ug/ml
10) T Anthracene (C19.43)	10.884	2977327	19.480 ug/ml
12) T Fluoranthene (C21.85)	12.621	3087324	19.596 ug/ml
13) T Pyrene (C20.8)	12.918	3054283	19.618 ug/ml
14) T Benzo[a]anthracene (C...	14.788	2631033	19.733 ug/ml
15) T Chrysene (C27.41)	14.830	2606483	19.728 ug/ml
16) T benzo[b]fluoranthene ...	16.337	2623712	19.695 ug/ml
17) T Bnezo[k]fluoranthene ...	16.369	2447348	19.759 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.714	2432450	19.653 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.076	2160038	19.379 ug/ml
20) T Dibenz[a,h]anthracene...	18.117	2188272	19.672 ug/ml
21) T Benzo[g,h,i]perylene ...	18.331	2319915	19.519 ug/ml

(f)=RT Delta > 1/2 Window

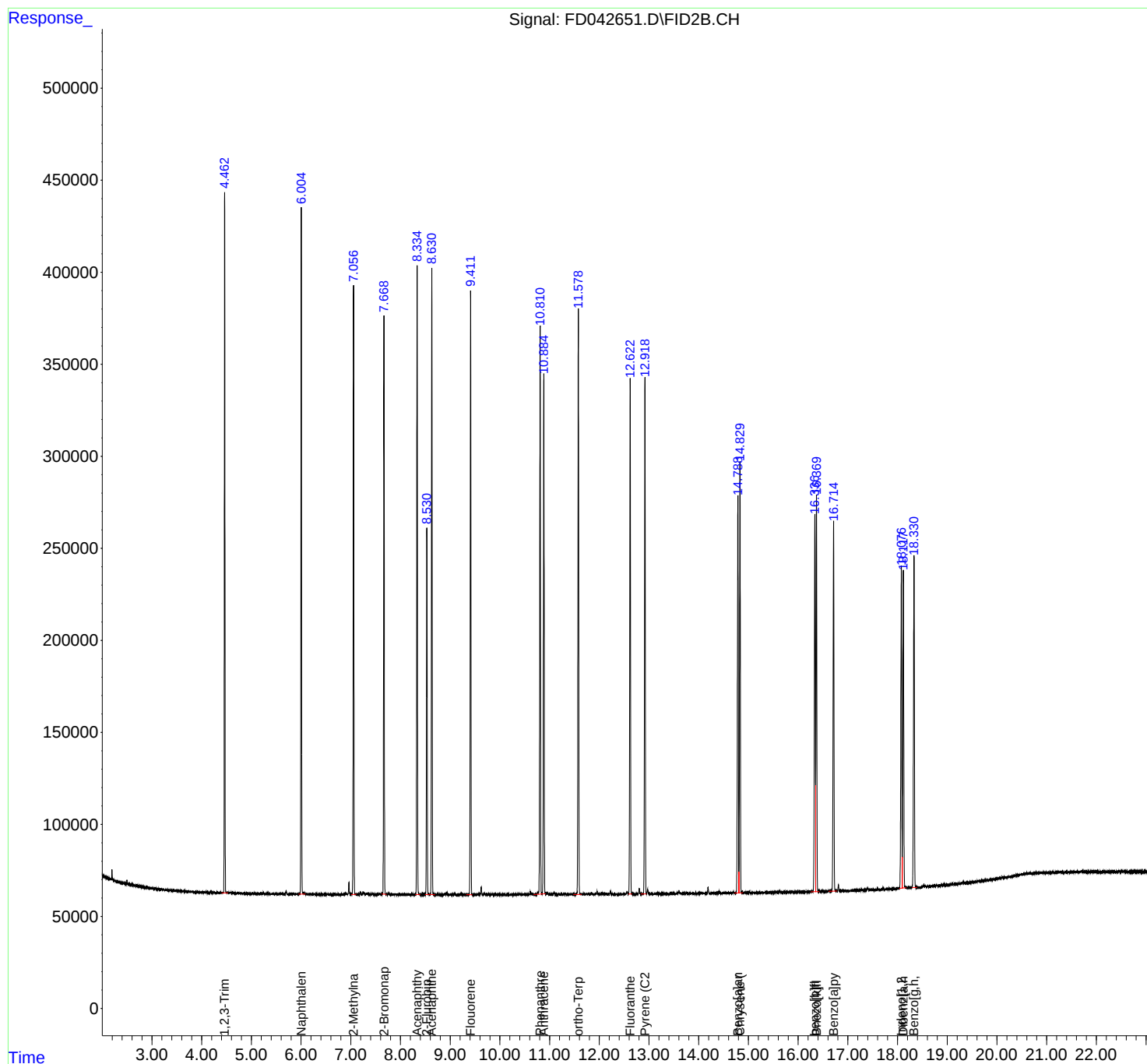
(m)=manual int.

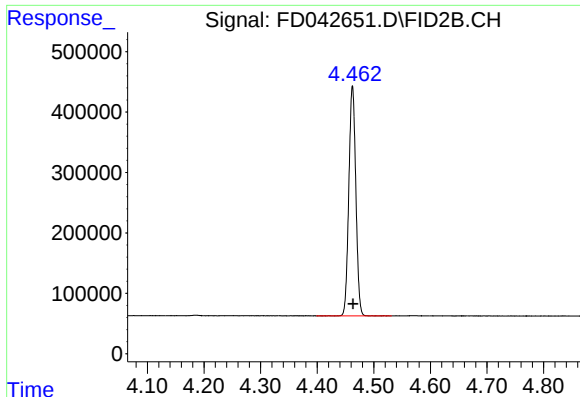
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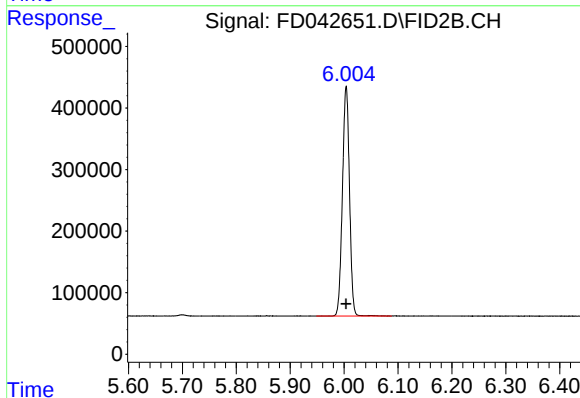




#1 1,2,3-Trimethylbenzene (C10.1)

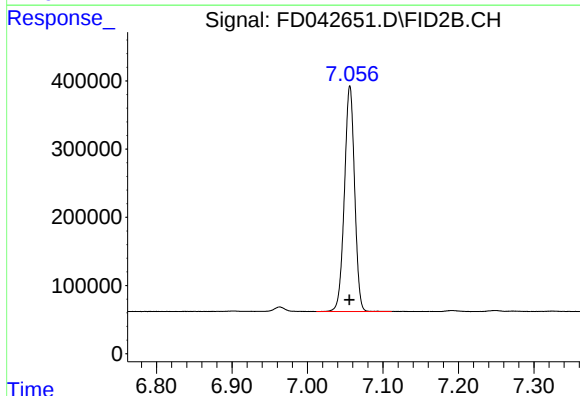
R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 3264508
Conc: 19.50 ug/ml

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20 PPM AROMATIC HC STD ICV



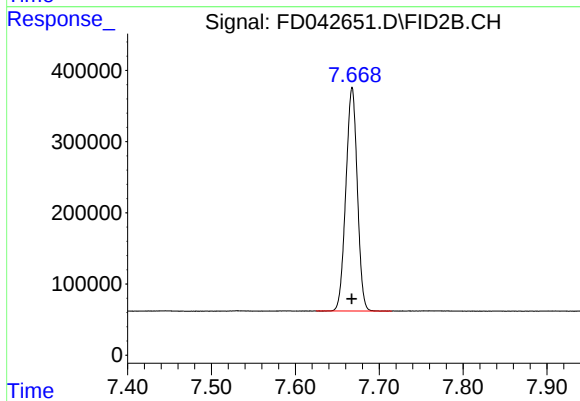
#2 Naphthalene (C11.7)

R.T.: 6.004 min
Delta R.T.: 0.000 min
Response: 3387449
Conc: 19.59 ug/ml



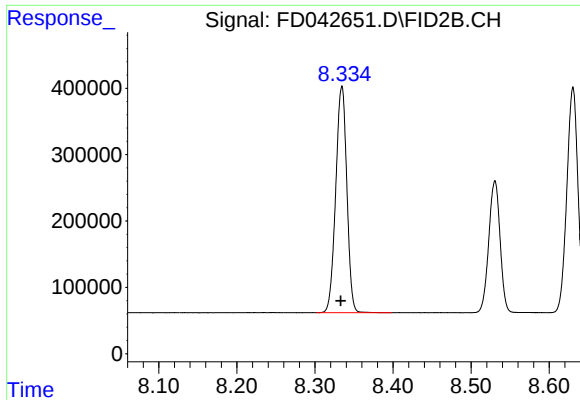
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: 0.000 min
Response: 3104986
Conc: 19.47 ug/ml



#4 2-Bromonaphthalene (SURR)

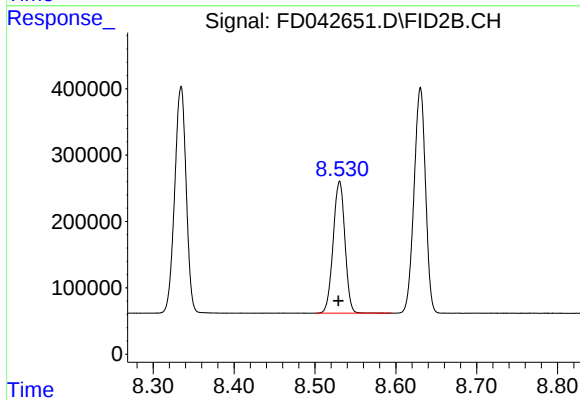
R.T.: 7.668 min
Delta R.T.: 0.000 min
Response: 2977124
Conc: 19.48 ug/ml



#5 Acenaphthylene (C15.06)

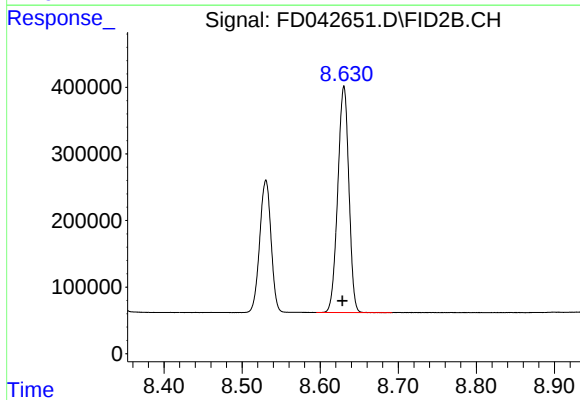
R.T.: 8.334 min
Delta R.T.: 0.002 min
Response: 3365016
Conc: 19.48 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD ICV



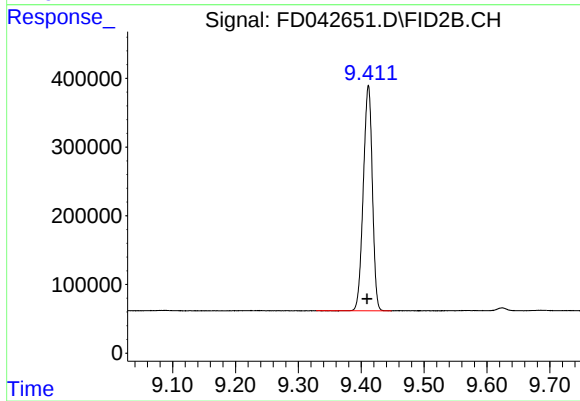
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.530 min
Delta R.T.: 0.001 min
Response: 2002898
Conc: 19.47 ug/ml



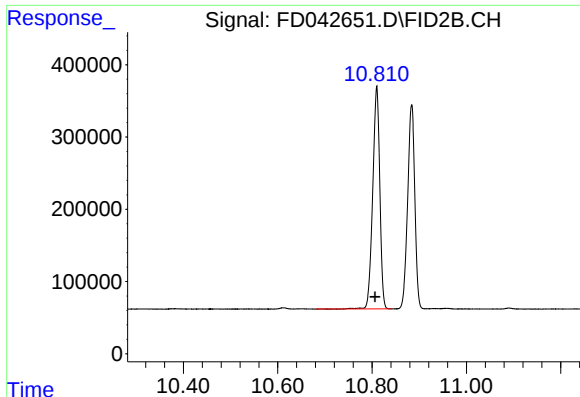
#7 Acenaphthene (C15.5)

R.T.: 8.630 min
Delta R.T.: 0.002 min
Response: 3353169
Conc: 19.49 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.411 min
Delta R.T.: 0.002 min
Response: 3276776
Conc: 19.52 ug/ml



#9 Phenanthrene (C19.36)

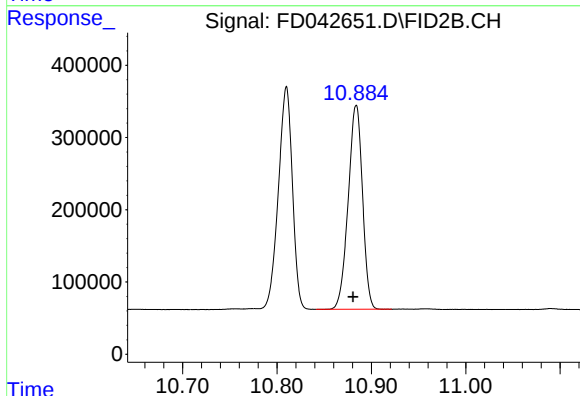
R.T.: 10.810 min
Delta R.T.: 0.003 min
Response: 3206246
Conc: 19.50 ug/ml

Instrument :

FID_D

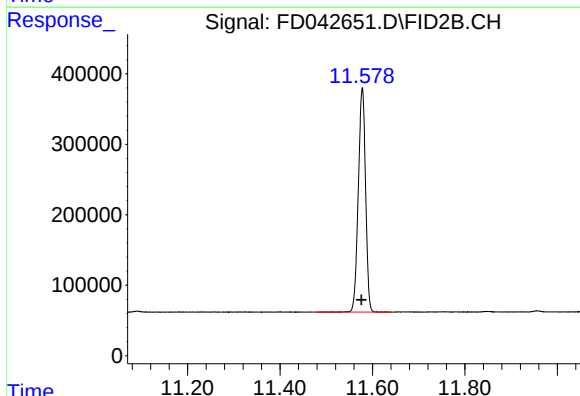
ClientSampleId :

20 PPM AROMATIC HC STD ICV



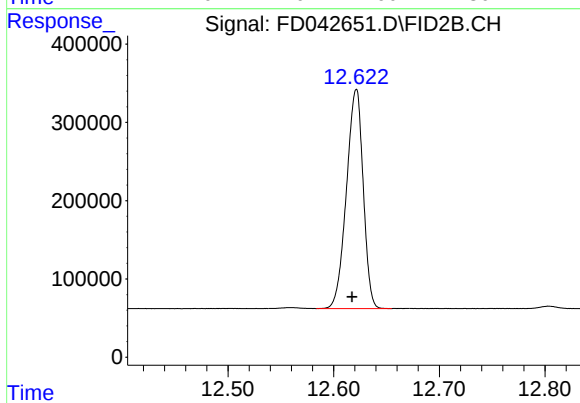
#10 Anthracene (C19.43)

R.T.: 10.884 min
Delta R.T.: 0.003 min
Response: 2977327
Conc: 19.48 ug/ml



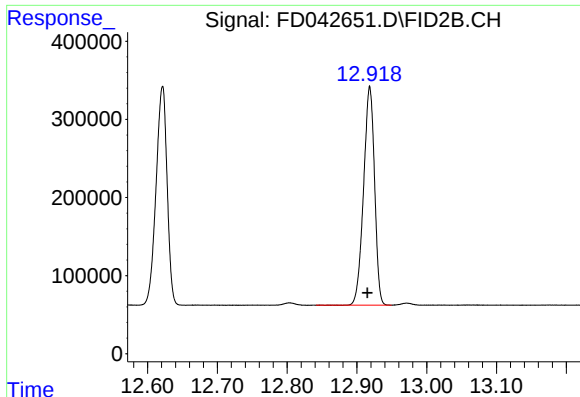
#11 ortho-Terphenyl (SURR)

R.T.: 11.578 min
Delta R.T.: 0.002 min
Response: 3465813
Conc: 19.52 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.621 min
Delta R.T.: 0.004 min
Response: 3087324
Conc: 19.60 ug/ml



#13 Pyrene (C20.8)

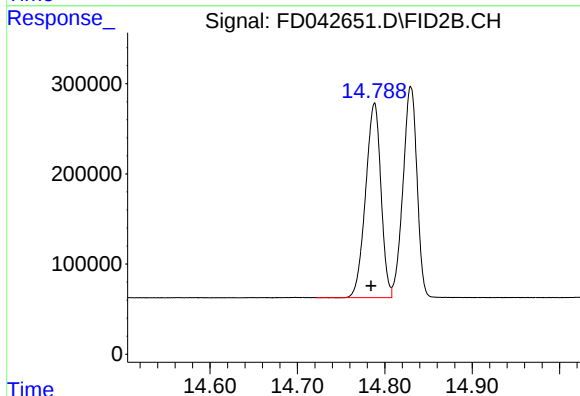
R.T.: 12.918 min
Delta R.T.: 0.003 min
Response: 3054283
Conc: 19.62 ug/ml

Instrument :

FID_D

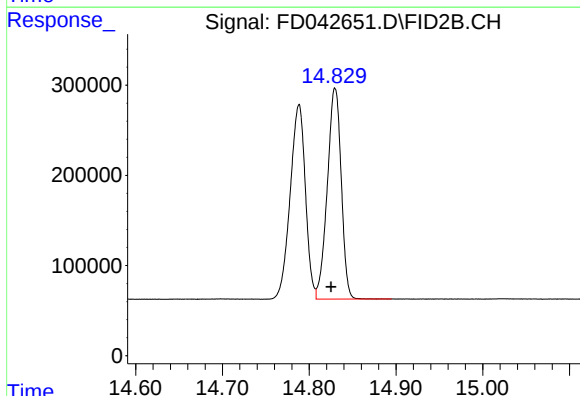
ClientSampleId :

20 PPM AROMATIC HC STD ICV



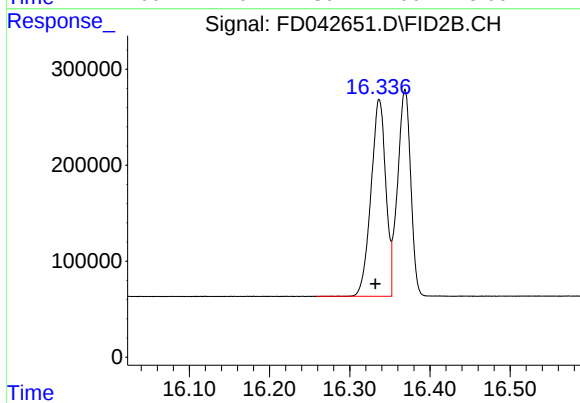
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.788 min
Delta R.T.: 0.004 min
Response: 2631033
Conc: 19.73 ug/ml



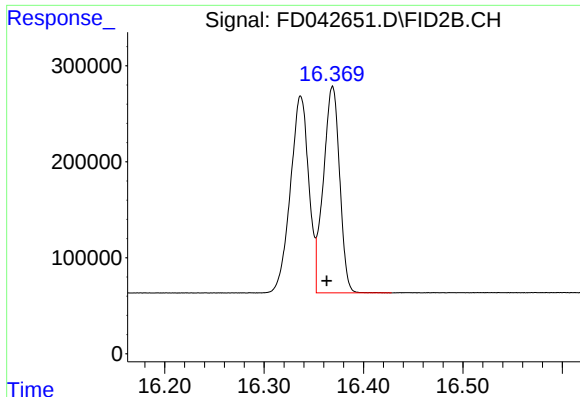
#15 Chrysene (C27.41)

R.T.: 14.830 min
Delta R.T.: 0.005 min
Response: 2606483
Conc: 19.73 ug/ml



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

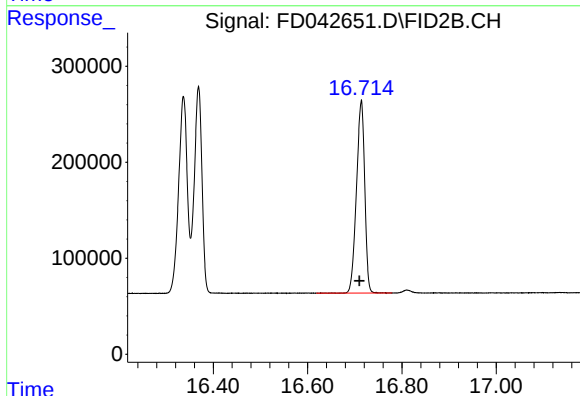
R.T.: 16.337 min
Delta R.T.: 0.005 min
Response: 2623712
Conc: 19.70 ug/ml



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

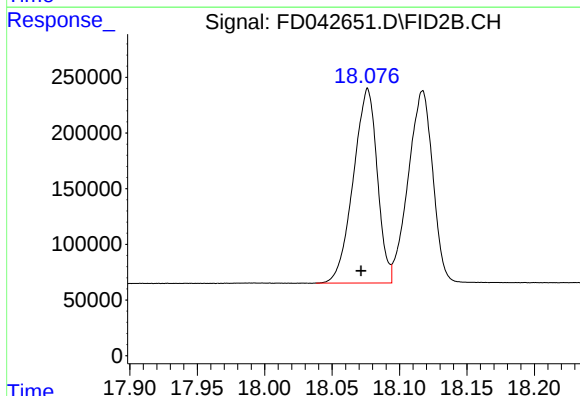
R.T.: 16.369 min
Delta R.T.: 0.006 min
Response: 2447348
Conc: 19.76 ug/ml

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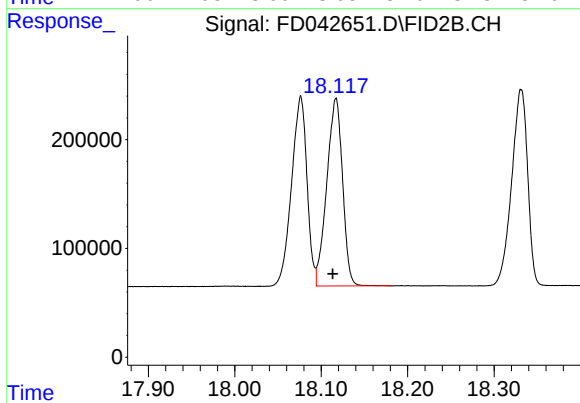
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.714 min
Delta R.T.: 0.004 min
Response: 2432450
Conc: 19.65 ug/ml



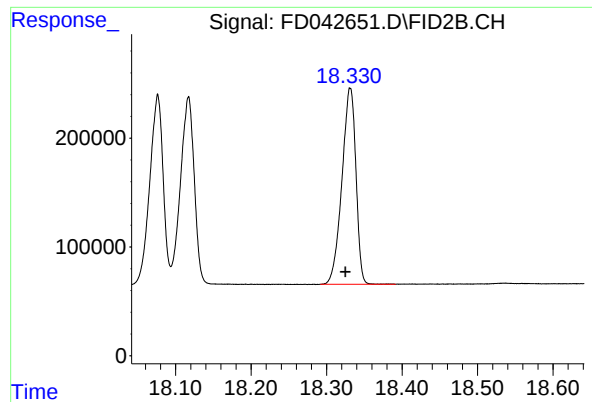
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.076 min
Delta R.T.: 0.005 min
Response: 2160038
Conc: 19.38 ug/ml



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

R.T.: 18.117 min
Delta R.T.: 0.004 min
Response: 2188272
Conc: 19.67 ug/ml



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

R.T.: 18.331 min
Delta R.T.: 0.006 min
Response: 2319915
Conc: 19.52 ug/ml

Instrument :
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