

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021521AR\
 Data File : FD036201.D
 Signal(s) : FID2B.CH
 Acq On : 16 Feb 2021 2:00
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Feb 16 05:55:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 05:53:15 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...	7.607	1279330	10.345 ug/ml
Spiked Amount 50.000		Recovery =	20.69%
6) S 2-Fluorobiphenyl (SURR)	8.467	885421	10.200 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.40%
11) S ortho-Terphenyl (SURR)	11.510	1557011	10.554 ug/ml
Spiked Amount 50.000		Recovery =	21.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.408	1406952	10.476 ug/ml
2) T Naphthalene (C11.7)	5.946	1511461	10.455 ug/ml
3) T 2-Methylnaphthalene (...)	6.997	1499652	10.400 ug/ml
5) T Acenaphthylene (C15.06)	8.271	1464794	10.380 ug/ml
7) T Acenaphthene (C15.5)	8.567	1515442	10.413 ug/ml
8) T Fluorene (C16.55)	9.347	1476191	10.355 ug/ml
9) T Phenanthrene (C19.36)	10.741	1514336	10.536 ug/ml
10) T Anthracene (C19.43)	10.815	1468768	10.420 ug/ml
12) T Fluoranthene (C21.85)	12.550	1551431	10.547 ug/ml
13) T Pyrene (C20.8)	12.846	1539318	10.543 ug/ml
14) T Benzo[a]anthracene (C...	14.714	1449622	10.601 ug/ml
15) T Chrysene (C27.41)	14.756	1489030	10.602 ug/ml
16) T benzo[b]fluoranthene ...	16.260	1458851	10.696 ug/ml
17) T Bnezo[k]fluoranthene ...	16.292	1414650	10.632 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.637	1341479	10.694 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.997	1342409	10.648 ug/ml
20) T Dibenz[a,h]anthracene...	18.038	1368552	10.694 ug/ml
21) T Benzo[g,h,i]perylene ...	18.250	1351744	10.676 ug/ml

(f)=RT Delta > 1/2 Window

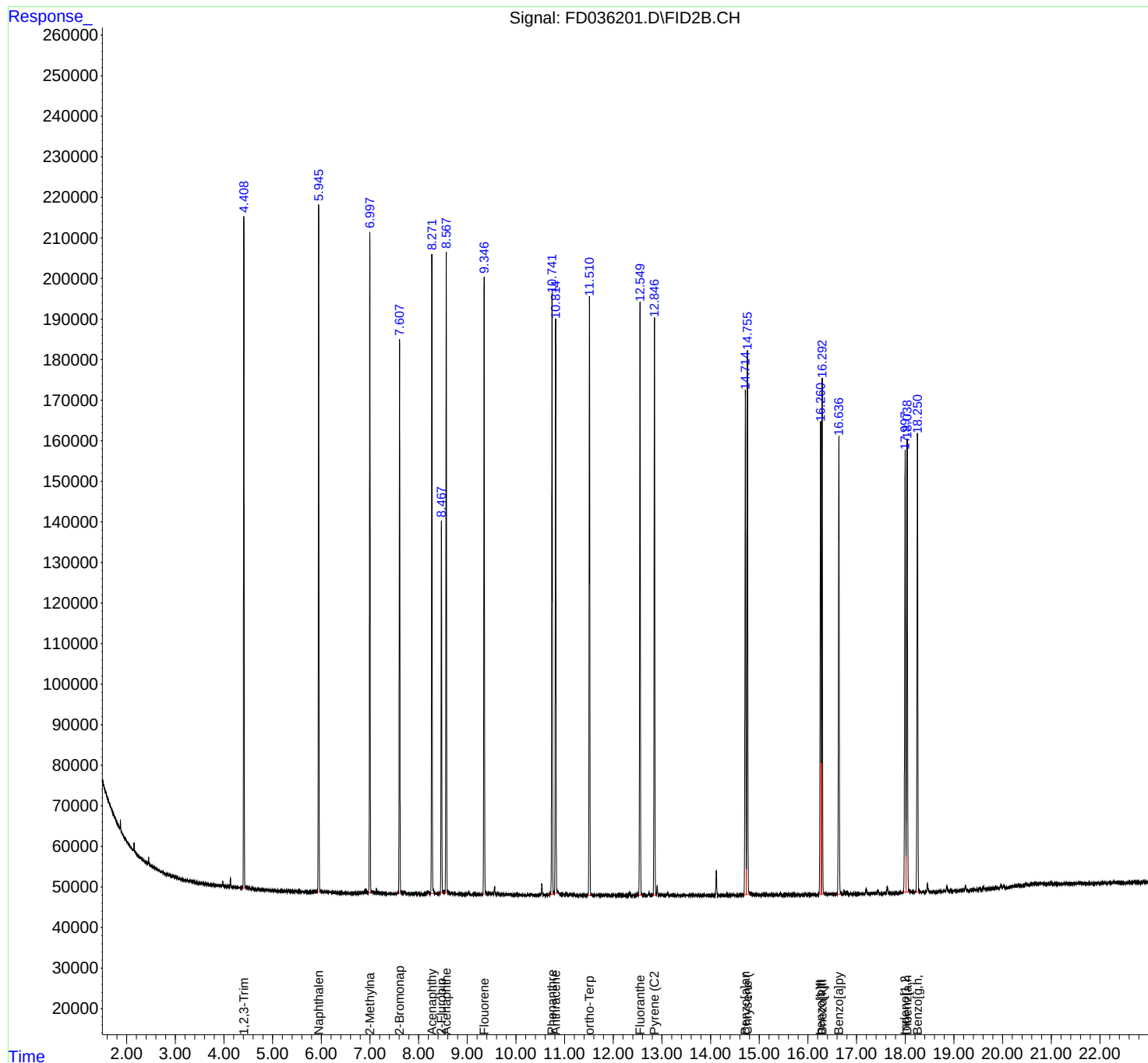
(m)=manual int.

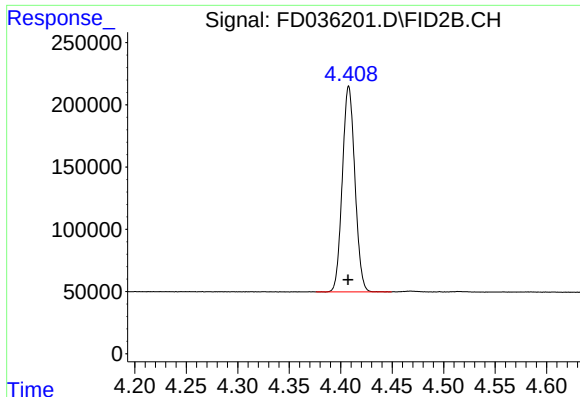
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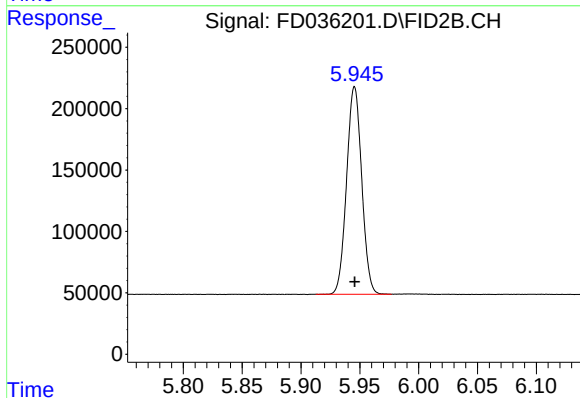




#1 1,2,3-Trimethylbenzene (C10.1)

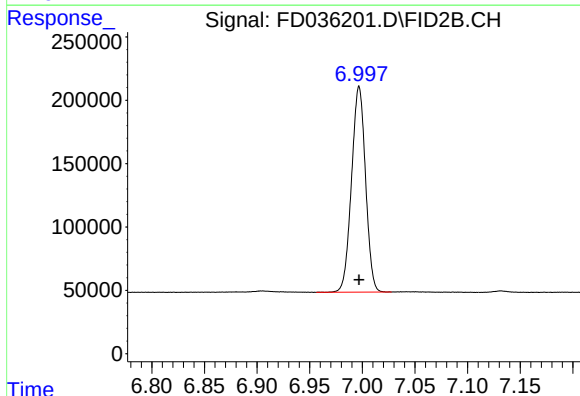
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 1406952
Conc: 10.48 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



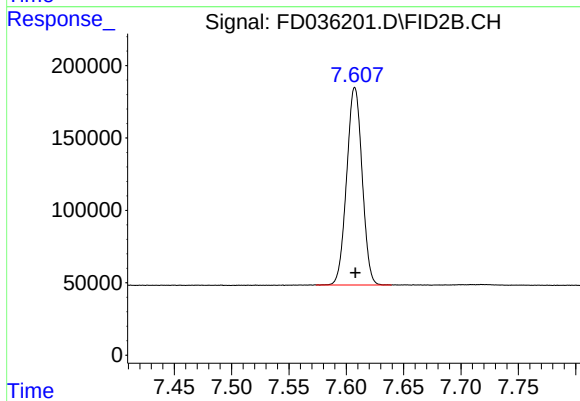
#2 Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 1511461
Conc: 10.45 ug/ml



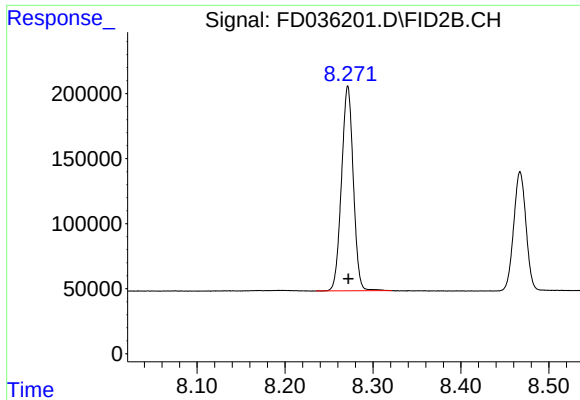
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 1499652
Conc: 10.40 ug/ml



#4 2-Bromonaphthalene (SURR)

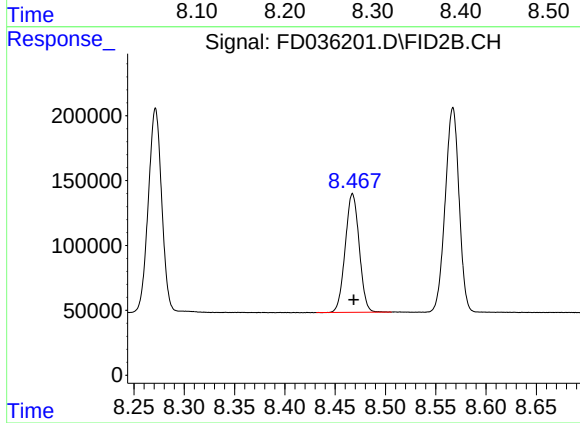
R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 1279330
Conc: 10.34 ug/ml



#5 Acenaphthylene (C15.06)

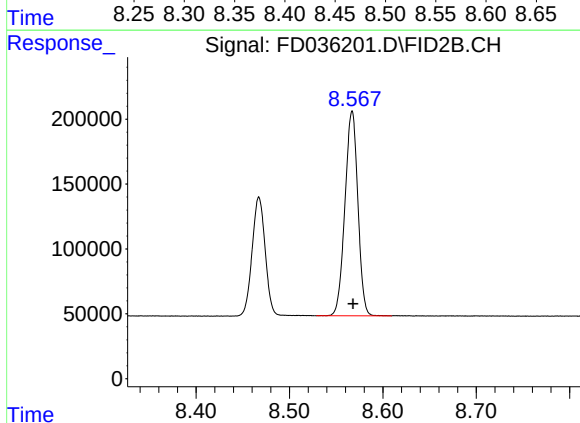
R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 1464794
Conc: 10.38 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



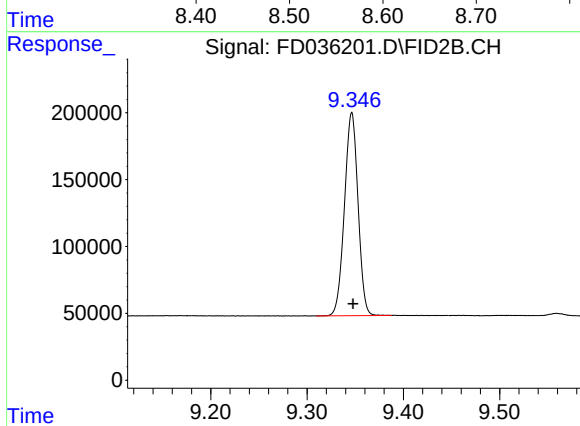
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.467 min
Delta R.T.: -0.001 min
Response: 885421
Conc: 10.20 ug/ml



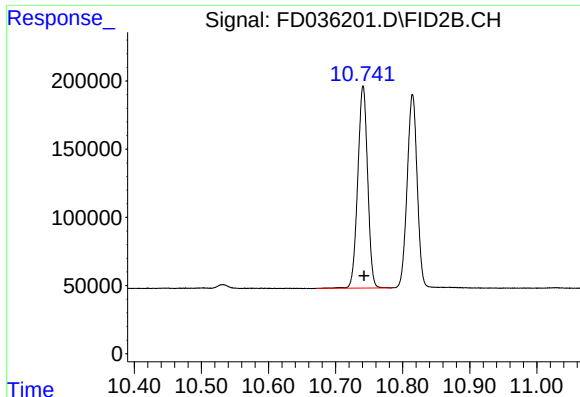
#7 Acenaphthene (C15.5)

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 1515442
Conc: 10.41 ug/ml



#8 Fluorene (C16.55)

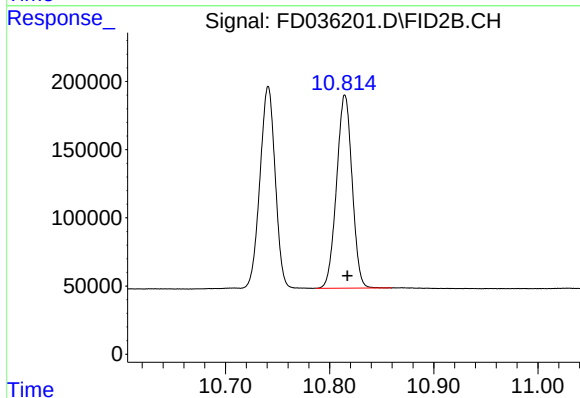
R.T.: 9.347 min
Delta R.T.: -0.001 min
Response: 1476191
Conc: 10.36 ug/ml



#9 Phenanthrene (C19.36)

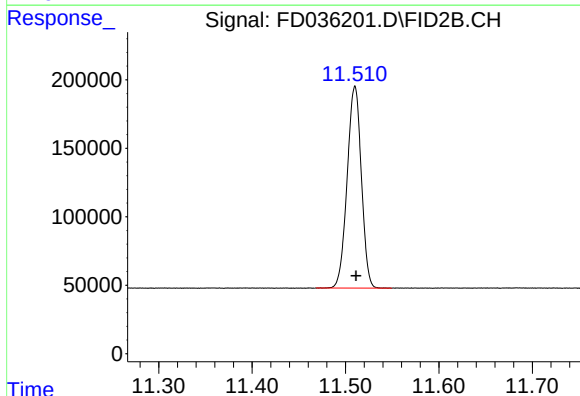
R.T.: 10.741 min
Delta R.T.: -0.001 min
Response: 1514336
Conc: 10.54 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



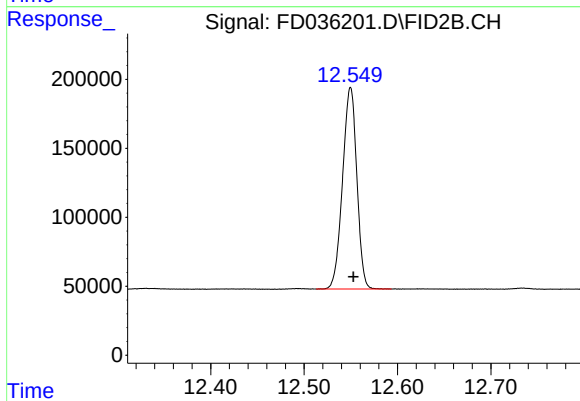
#10 Anthracene (C19.43)

R.T.: 10.815 min
Delta R.T.: -0.002 min
Response: 1468768
Conc: 10.42 ug/ml



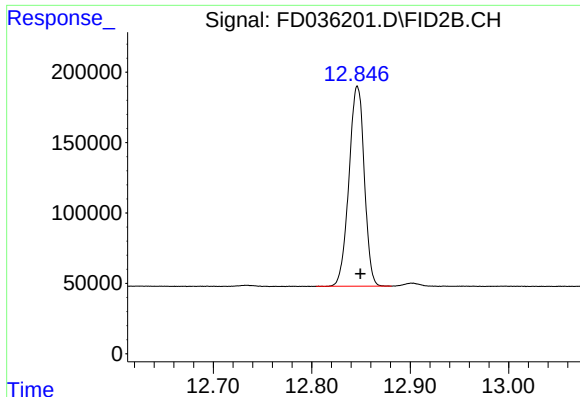
#11 ortho-Terphenyl (SURR)

R.T.: 11.510 min
Delta R.T.: 0.000 min
Response: 1557011
Conc: 10.55 ug/ml



#12 Fluoranthene (C21.85)

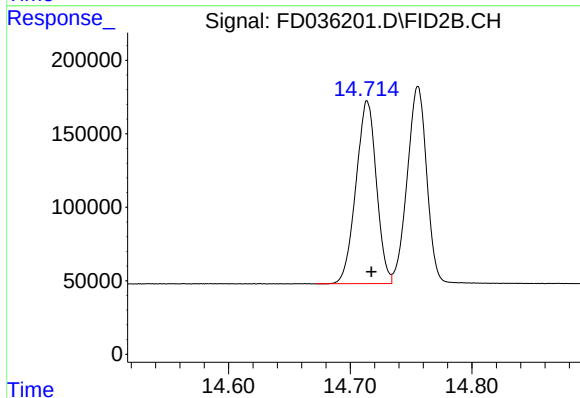
R.T.: 12.550 min
Delta R.T.: -0.003 min
Response: 1551431
Conc: 10.55 ug/ml



#13 Pyrene (C20.8)

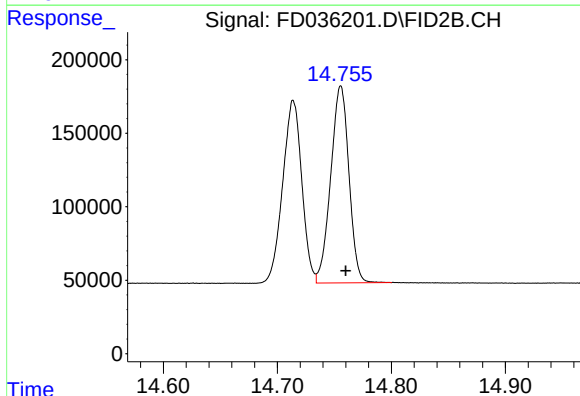
R.T.: 12.846 min
Delta R.T.: -0.003 min
Response: 1539318
Conc: 10.54 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



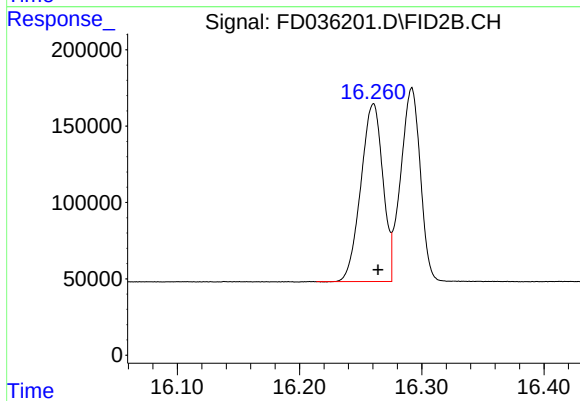
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.714 min
Delta R.T.: -0.003 min
Response: 1449622
Conc: 10.60 ug/ml



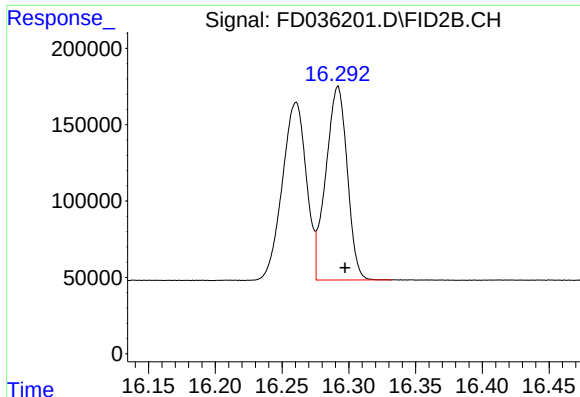
#15 Chrysene (C27.41)

R.T.: 14.756 min
Delta R.T.: -0.004 min
Response: 1489030
Conc: 10.60 ug/ml



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

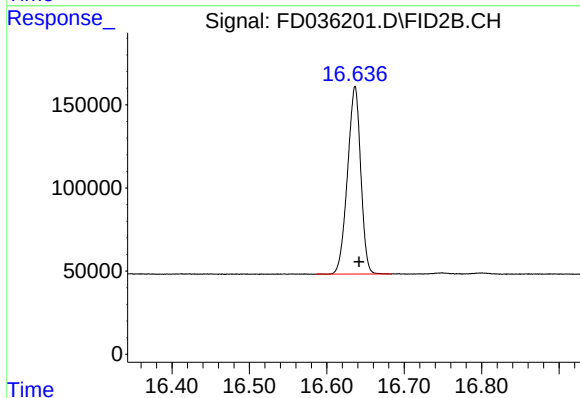
R.T.: 16.260 min
Delta R.T.: -0.004 min
Response: 1458851
Conc: 10.70 ug/ml



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

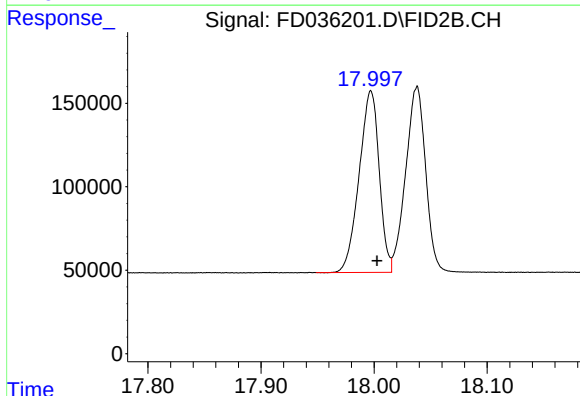
R.T.: 16.292 min
Delta R.T.: -0.005 min
Response: 1414650
Conc: 10.63 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



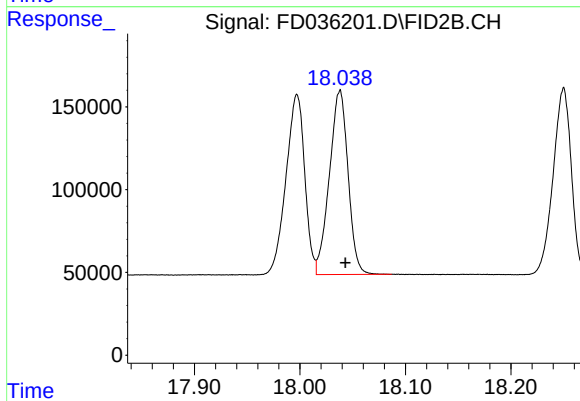
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.637 min
Delta R.T.: -0.005 min
Response: 1341479
Conc: 10.69 ug/ml



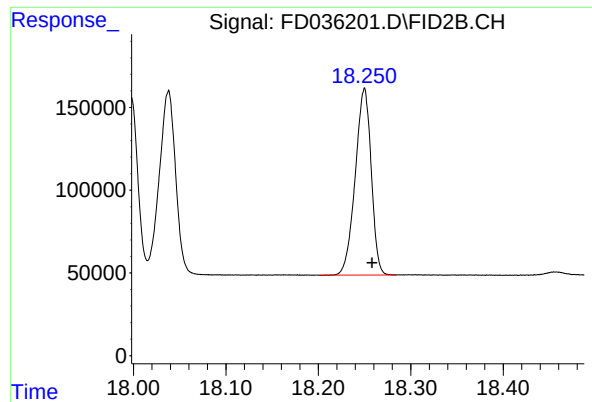
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.997 min
Delta R.T.: -0.005 min
Response: 1342409
Conc: 10.65 ug/ml



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

R.T.: 18.038 min
Delta R.T.: -0.005 min
Response: 1368552
Conc: 10.69 ug/ml



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

R.T.: 18.250 min
Delta R.T.: -0.008 min
Response: 1351744
Conc: 10.68 ug/ml

Instrument :
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