

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092921AR\
 Data File : FD038966.D
 Signal(s) : FID2B.CH
 Acq On : 30 Sep 2021 00:25
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 30 02:31:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:30:01 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...	7.766	2615963	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.636	1781355	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.679	2739953	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.554	2804993	20.000 ug/ml
2) T Naphthalene (C11.7)	6.102	2957459	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.157	2983314	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.439	2742454	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.735	2889624	20.000 ug/ml
8) T Flouorene (C16.55)	9.517	2844813	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.918	2772564	20.000 ug/ml
10) T Anthracene (C19.43)	10.993	2738106	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.733	2741669	20.000 ug/ml
13) T Pyrene (C20.8)	13.032	2668016	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.903	2418770	20.000 ug/ml
15) T Chrysene (C27.41)	14.946	2523501	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.455	2345251	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.488	2331468	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.834	2266046	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.199	2132117	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.236	2118198	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.454	2144002	20.000 ug/ml

(f)=RT Delta > 1/2 Window

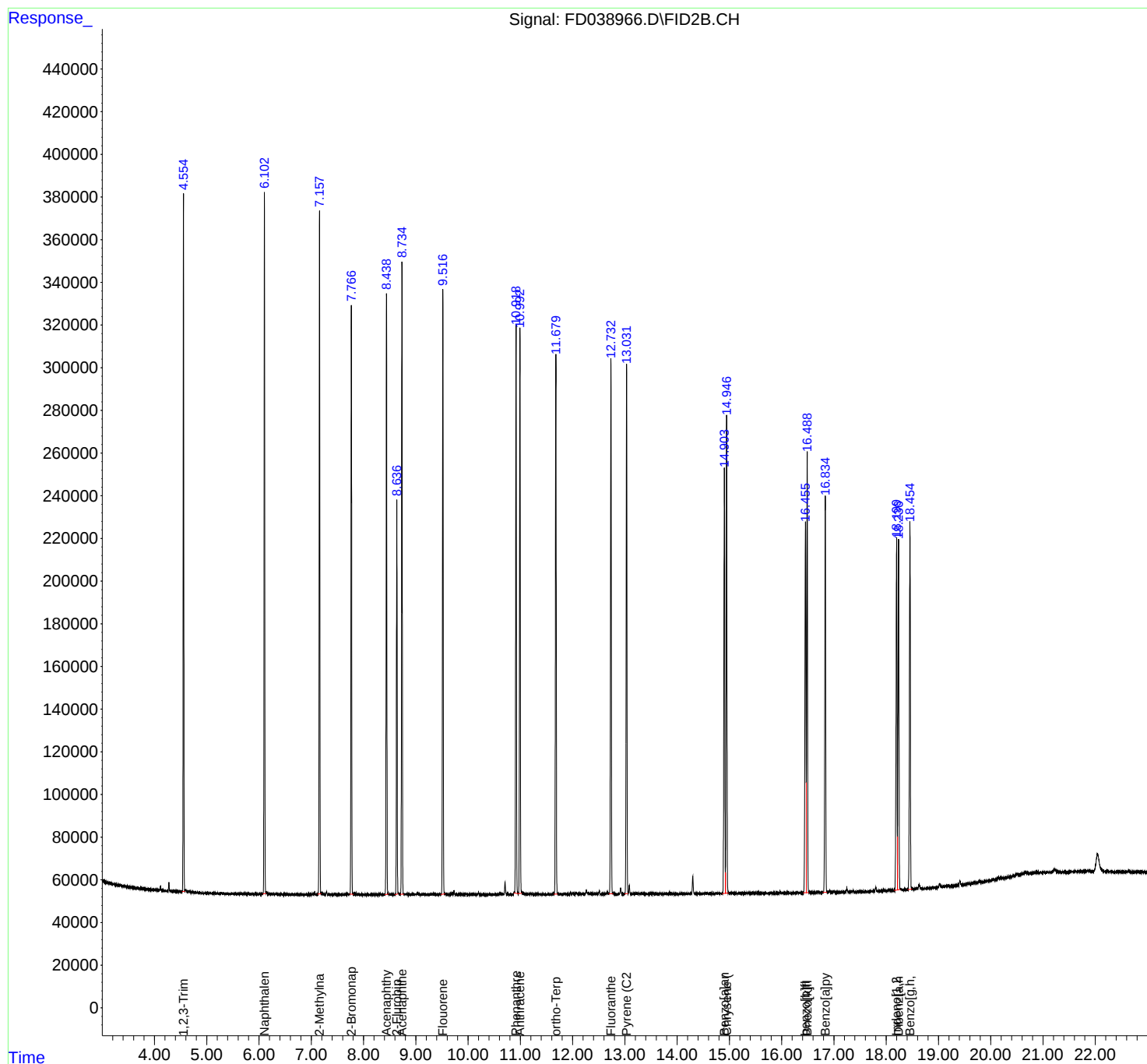
(m)=manual int.

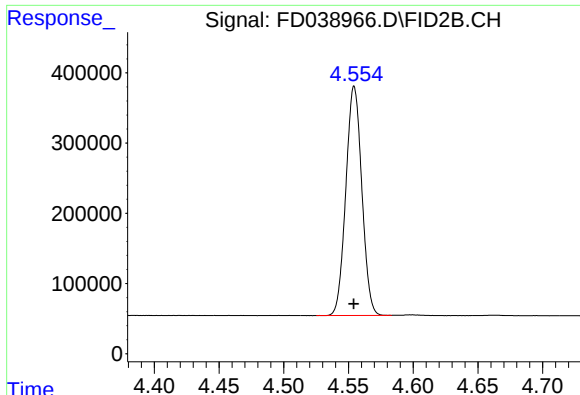
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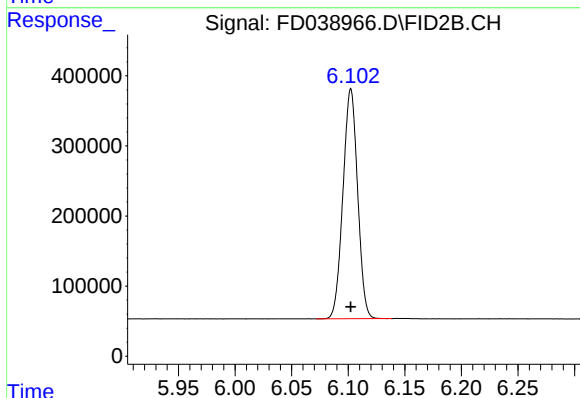




#1 1,2,3-Trimethylbenzene (C10.1)

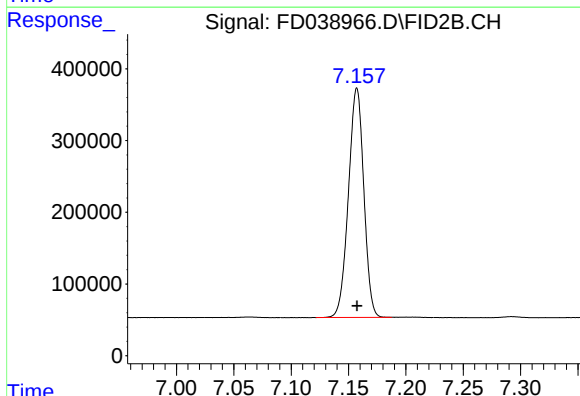
R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 2804993
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



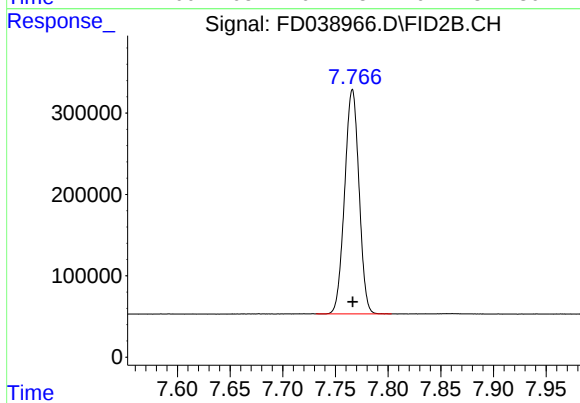
#2 Naphthalene (C11.7)

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 2957459
Conc: 20.00 ug/ml



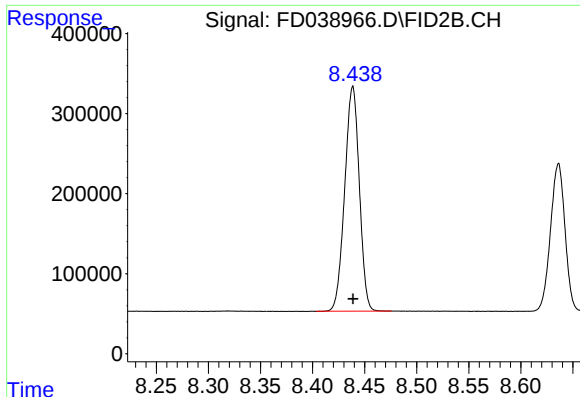
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 2983314
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

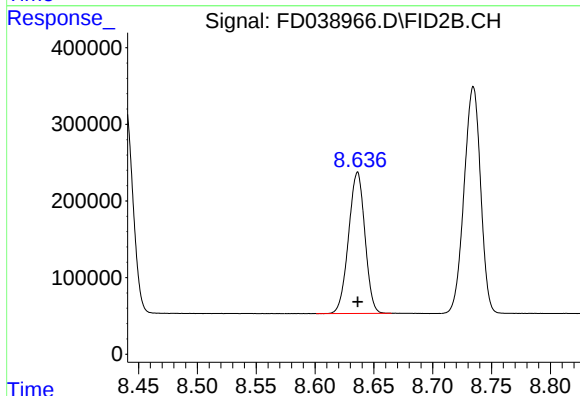
R.T.: 7.766 min
Delta R.T.: 0.000 min
Response: 2615963
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

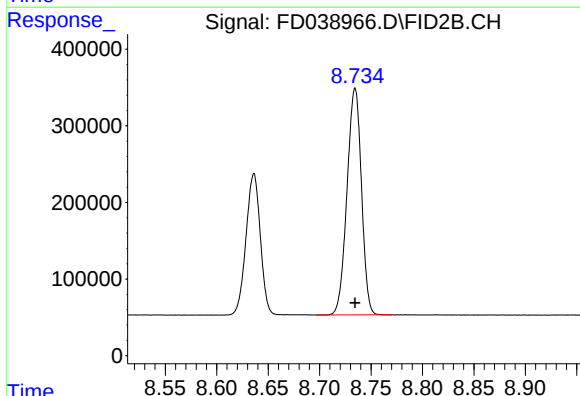
R.T.: 8.439 min
Delta R.T.: 0.000 min
Response: 2742454
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD3



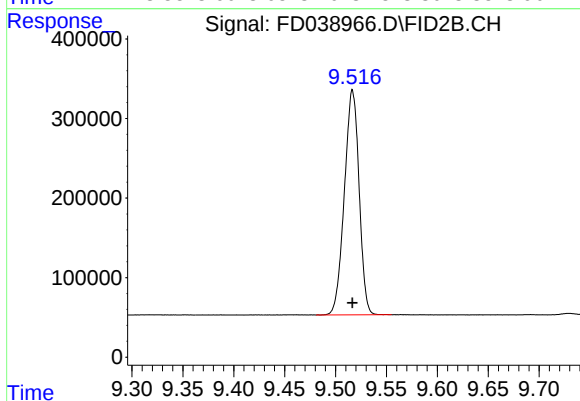
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.636 min
Delta R.T.: 0.000 min
Response: 1781355
Conc: 20.00 ug/ml



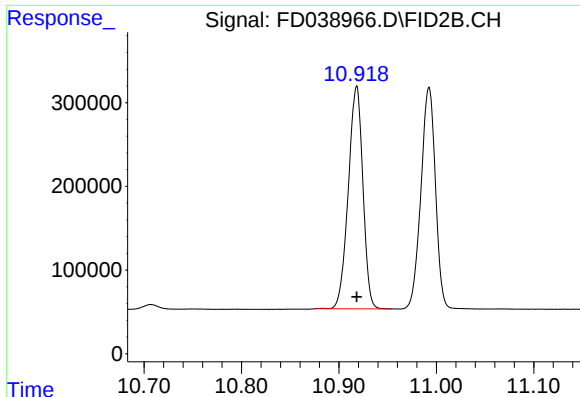
#7 Acenaphthene (C15.5)

R.T.: 8.735 min
Delta R.T.: 0.000 min
Response: 2889624
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

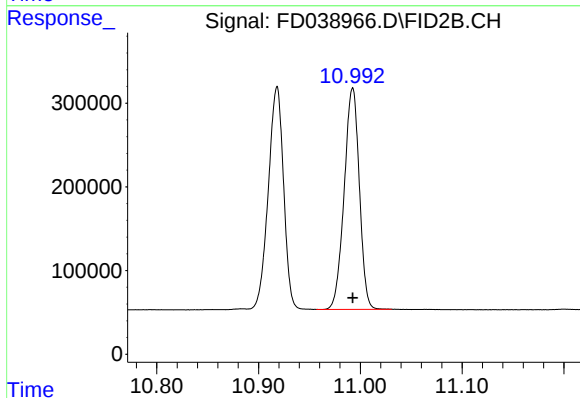
R.T.: 9.517 min
Delta R.T.: 0.000 min
Response: 2844813
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

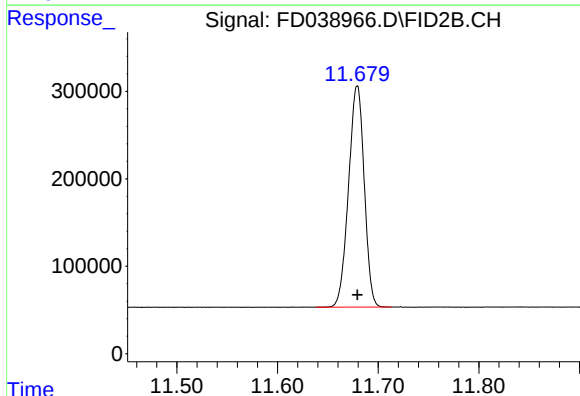
R.T.: 10.918 min
Delta R.T.: 0.000 min
Response: 2772564
Conc: 20.00 ug/ml

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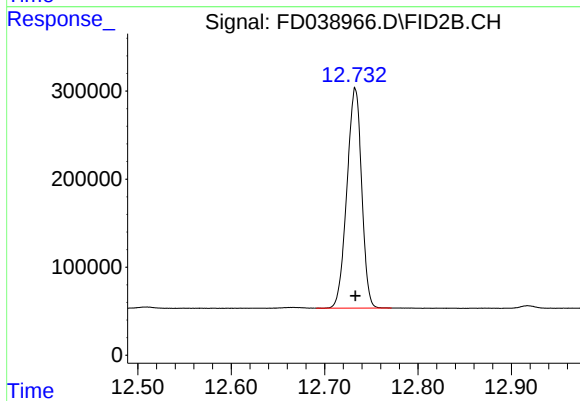
#10 Anthracene (C19.43)

R.T.: 10.993 min
Delta R.T.: 0.000 min
Response: 2738106
Conc: 20.00 ug/ml



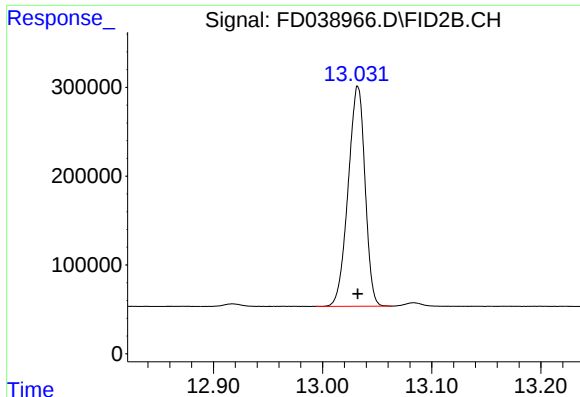
#11 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: 0.000 min
Response: 2739953
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

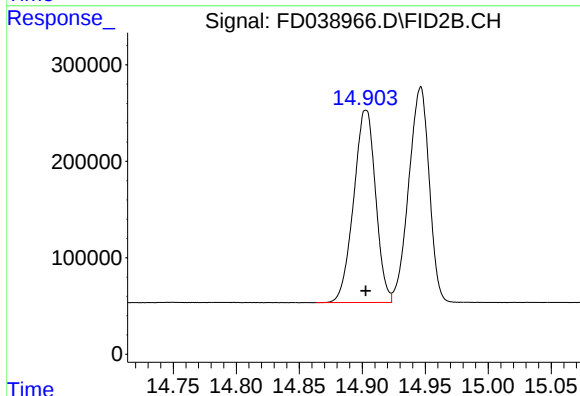
R.T.: 12.733 min
Delta R.T.: 0.000 min
Response: 2741669
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

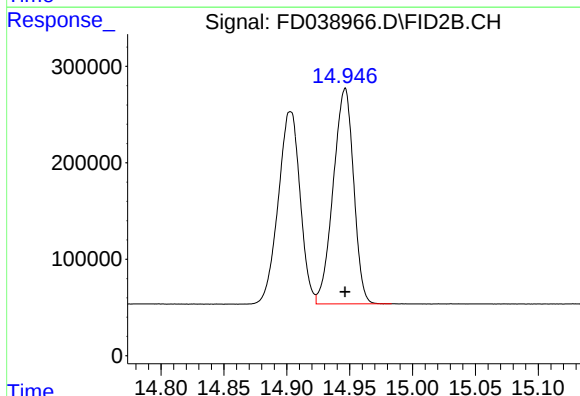
R.T.: 13.032 min
Delta R.T.: 0.000 min
Response: 2668016
Conc: 20.00 ug/ml

Instrument :
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20 PPM AROMATIC HC STD3



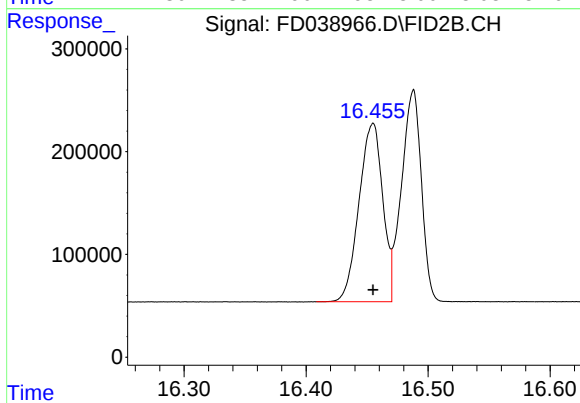
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.903 min
Delta R.T.: 0.000 min
Response: 2418770
Conc: 20.00 ug/ml



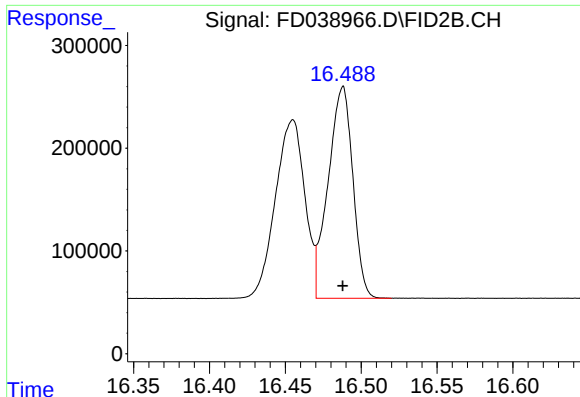
#15 Chrysene (C27.41)

R.T.: 14.946 min
Delta R.T.: 0.000 min
Response: 2523501
Conc: 20.00 ug/ml



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

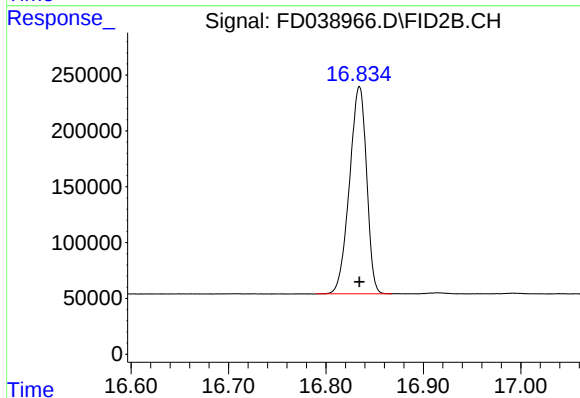
R.T.: 16.455 min
Delta R.T.: 0.000 min
Response: 2345251
Conc: 20.00 ug/ml



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

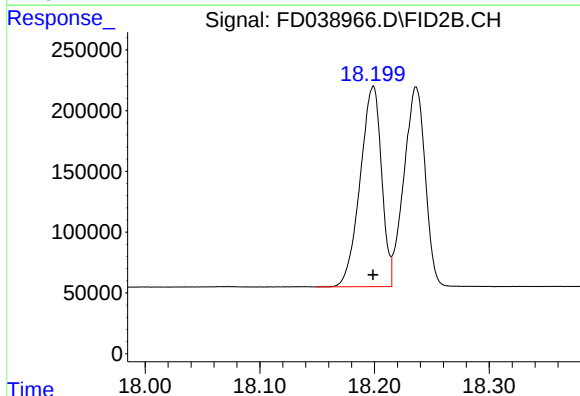
R.T.: 16.488 min
Delta R.T.: 0.000 min
Response: 2331468
Conc: 20.00 ug/ml

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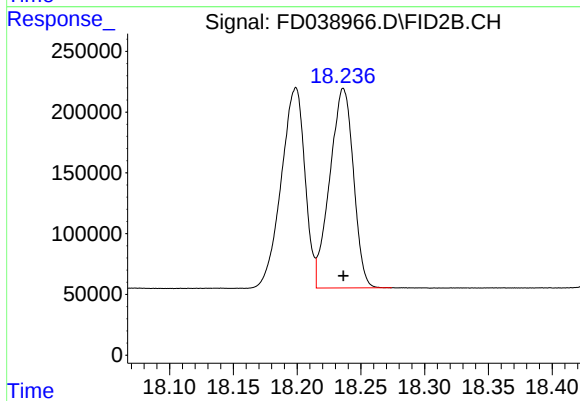
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.834 min
Delta R.T.: 0.000 min
Response: 2266046
Conc: 20.00 ug/ml



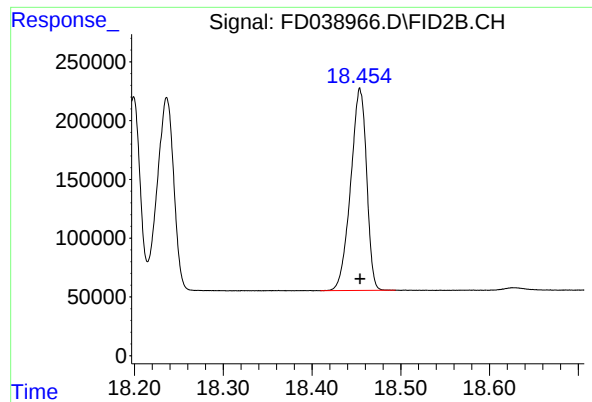
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.199 min
Delta R.T.: 0.000 min
Response: 2132117
Conc: 20.00 ug/ml



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

R.T.: 18.236 min
Delta R.T.: 0.000 min
Response: 2118198
Conc: 20.00 ug/ml



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

R.T.: 18.454 min
Delta R.T.: 0.000 min
Response: 2144002
Conc: 20.00 ug/ml

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