

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051421AR\
 Data File : FD037501.D
 Signal(s) : FID2B.CH
 Acq On : 14 May 2021 9:42
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 14 11:47:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 06:43:22 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...	7.559	1939788	19.287 ug/ml
Spiked Amount 50.000		Recovery =	38.57%
6) S 2-Fluorobiphenyl (SURR)	8.418	1318907	19.514 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.03%
11) S ortho-Terphenyl (SURR)	11.457	2344100	19.678 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.360	1948055	18.642 ug/ml
2) T Naphthalene (C11.7)	5.896	2104855	18.862 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	2141456	19.074 ug/ml
5) T Acenaphthylene (C15.06)	8.221	2123503	19.365 ug/ml
7) T Acenaphthene (C15.5)	8.516	2210065	19.430 ug/ml
8) T Fluorene (C16.55)	9.296	2185739	19.723 ug/ml
9) T Phenanthrene (C19.36)	10.690	2239796	19.921 ug/ml
10) T Anthracene (C19.43)	10.764	2192209	19.933 ug/ml
12) T Fluoranthene (C21.85)	12.500	2295188	19.777 ug/ml
13) T Pyrene (C20.8)	12.796	2274488	19.688 ug/ml
14) T Benzo[a]anthracene (C...	14.665	2168031	19.678 ug/ml
15) T Chrysene (C27.41)	14.708	2251106	19.540 ug/ml
16) T benzo[b]fluoranthene ...	16.214	2199620	19.449 ug/ml
17) T Bnezo[k]fluoranthene ...	16.246	2152570	19.415 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.591	2035514	19.434 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.956	2072104	19.073 ug/ml
20) T Dibenz[a,h]anthracene...	17.995	2149363	19.633 ug/ml
21) T Benzo[g,h,i]perylene ...	18.209	2103417	19.247 ug/ml

(f)=RT Delta > 1/2 Window

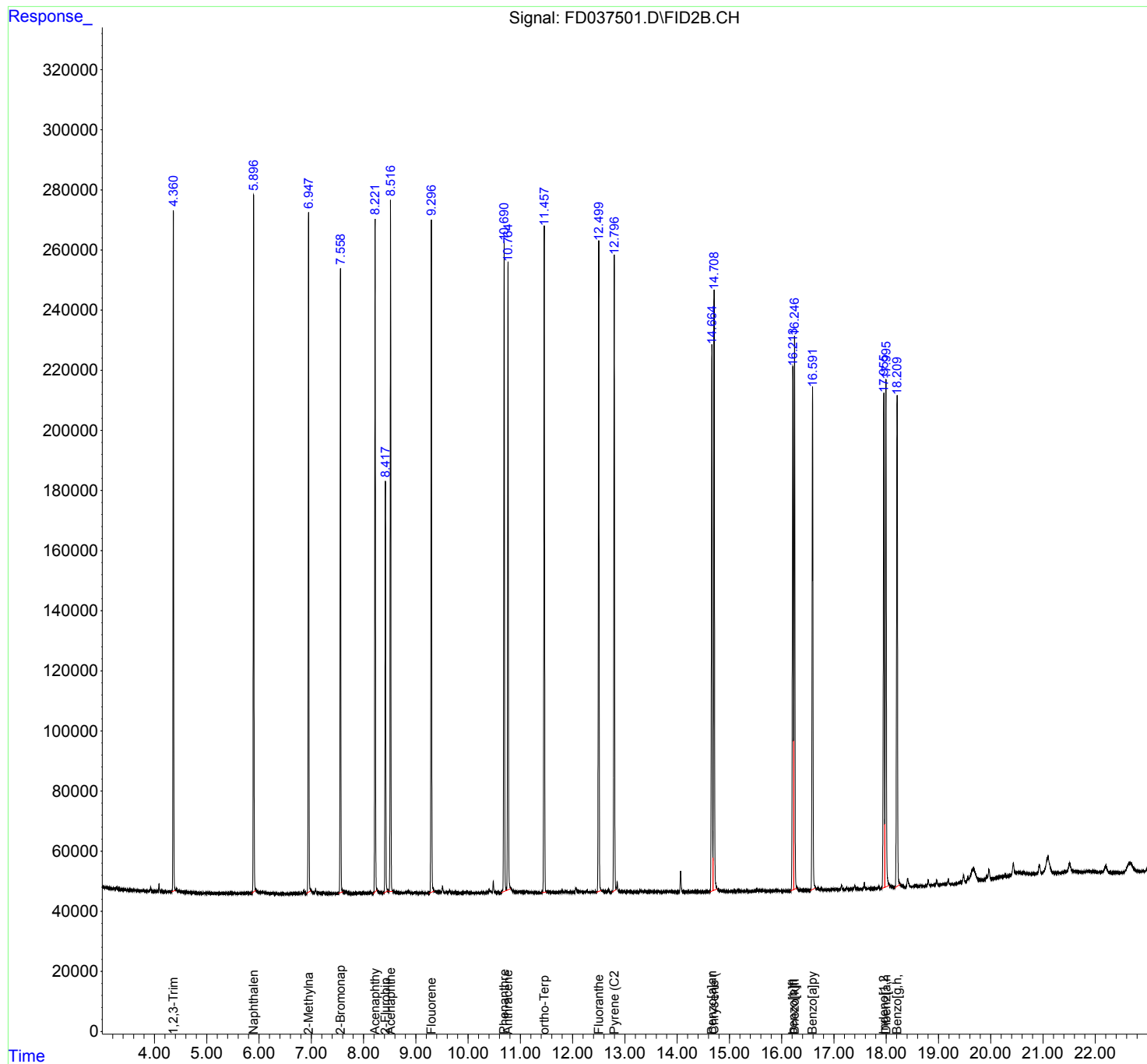
(m)=manual int.

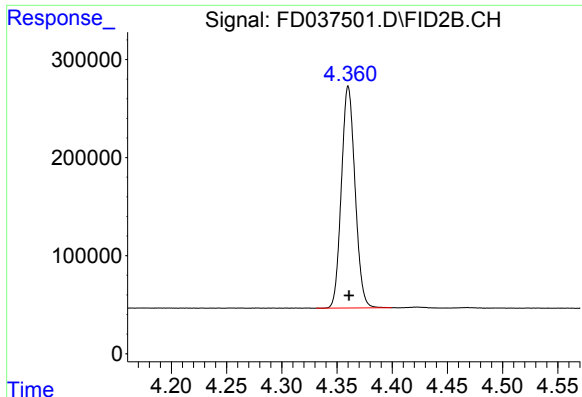
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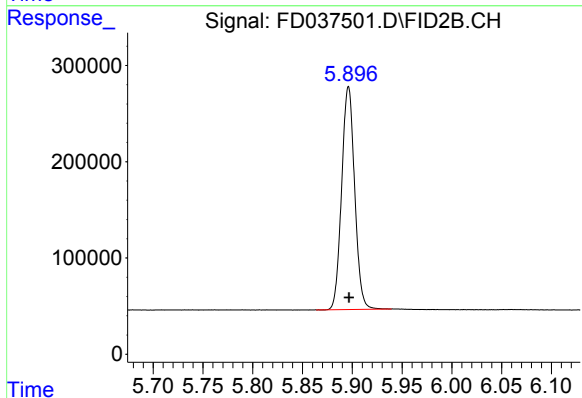




#1 1,2,3-Trimethylbenzene (C10.1)

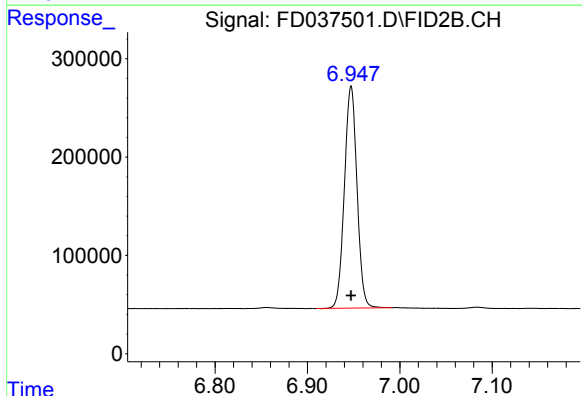
R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 1948055
Conc: 18.64 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



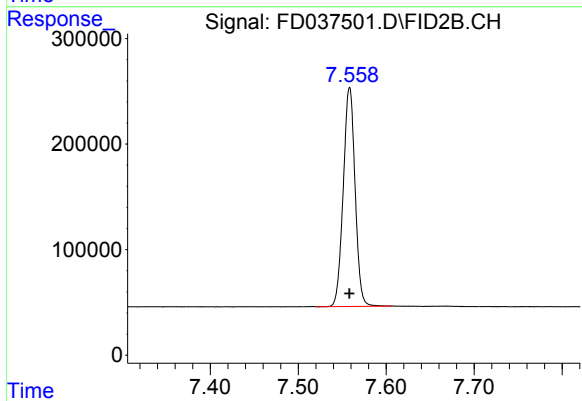
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 2104855
Conc: 18.86 ug/ml



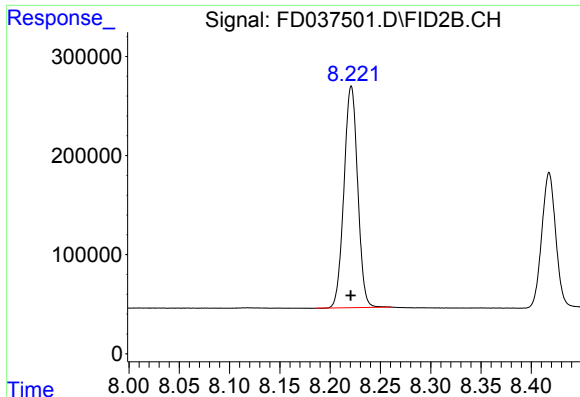
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 2141456
Conc: 19.07 ug/ml



#4 2-Bromonaphthalene (SURR)

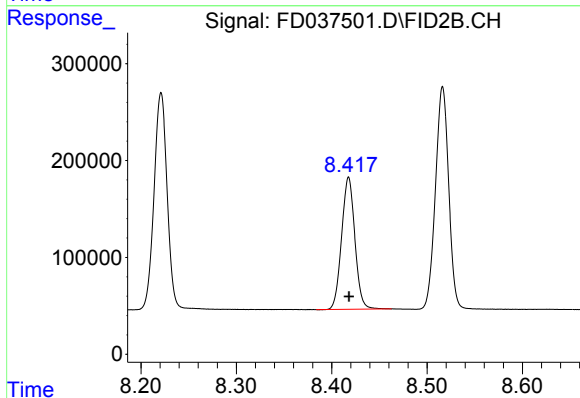
R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 1939788
Conc: 19.29 ug/ml



#5 Acenaphthylene (C15.06)

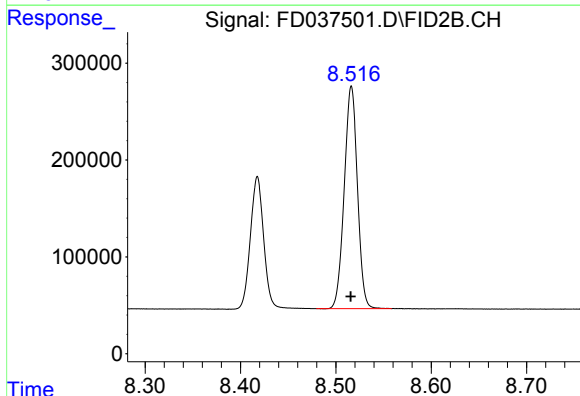
R.T.: 8.221 min
Delta R.T.: 0.000 min
Response: 2123503
Conc: 19.36 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



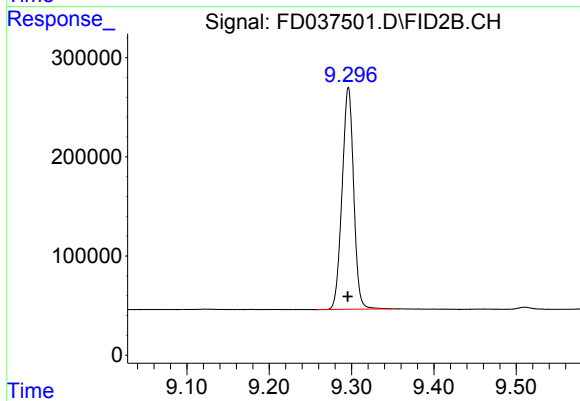
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 1318907
Conc: 19.51 ug/ml



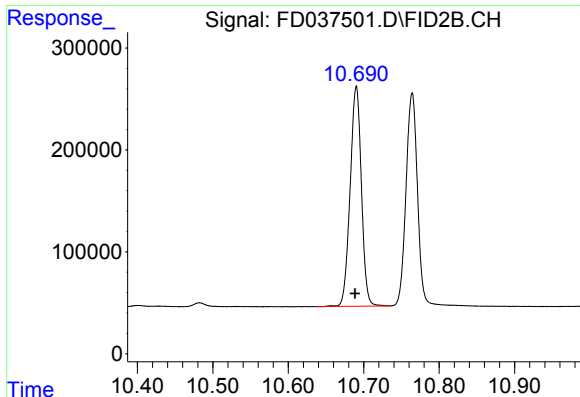
#7 Acenaphthene (C15.5)

R.T.: 8.516 min
Delta R.T.: 0.000 min
Response: 2210065
Conc: 19.43 ug/ml



#8 Fluorene (C16.55)

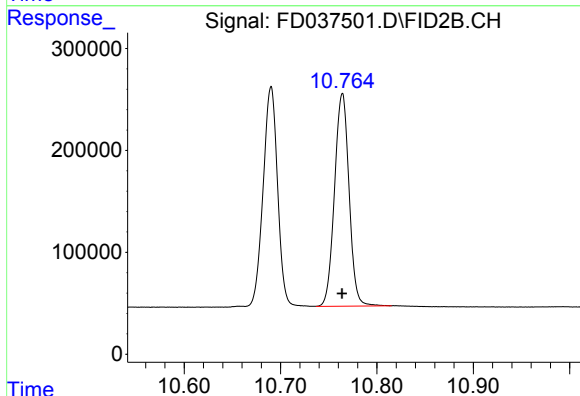
R.T.: 9.296 min
Delta R.T.: 0.000 min
Response: 2185739
Conc: 19.72 ug/ml



#9 Phenanthrene (C19.36)

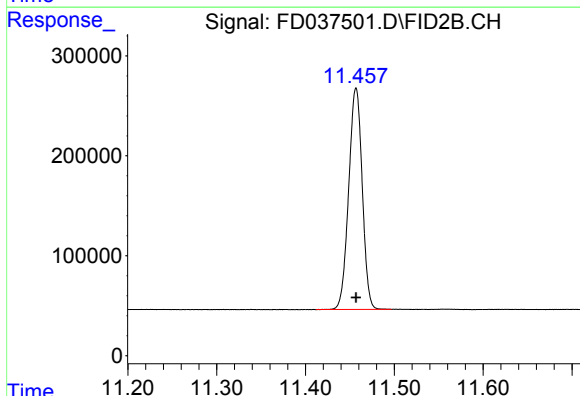
R.T.: 10.690 min
Delta R.T.: 0.002 min
Response: 2239796
Conc: 19.92 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



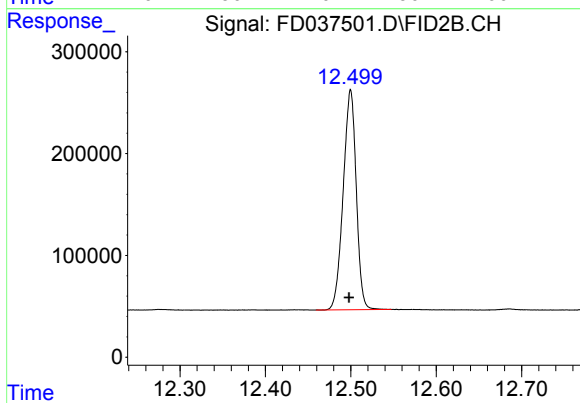
#10 Anthracene (C19.43)

R.T.: 10.764 min
Delta R.T.: 0.000 min
Response: 2192209
Conc: 19.93 ug/ml



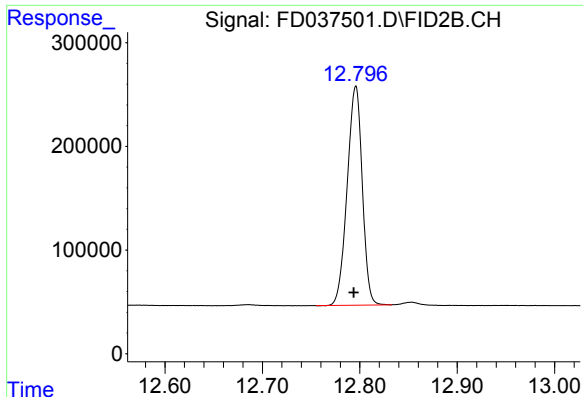
#11 ortho-Terphenyl (SURR)

R.T.: 11.457 min
Delta R.T.: 0.000 min
Response: 2344100
Conc: 19.68 ug/ml



#12 Fluoranthene (C21.85)

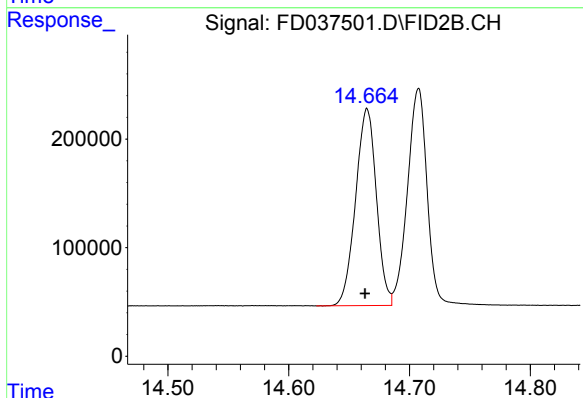
R.T.: 12.500 min
Delta R.T.: 0.002 min
Response: 2295188
Conc: 19.78 ug/ml



#13 Pyrene (C20.8)

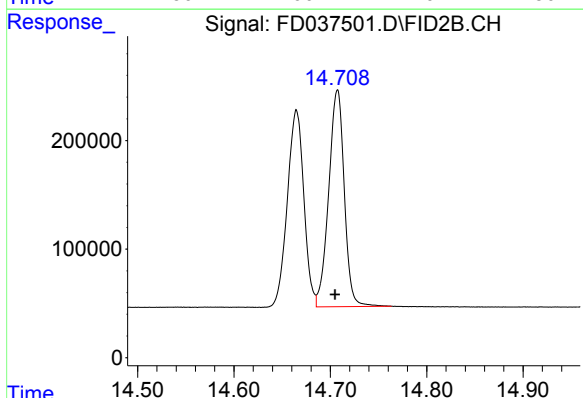
R.T.: 12.796 min
Delta R.T.: 0.002 min
Response: 2274488
Conc: 19.69 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



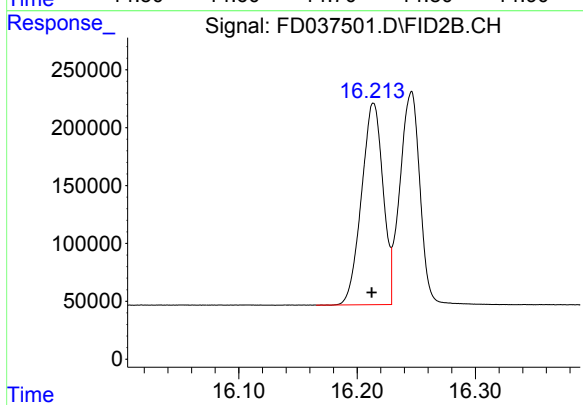
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.665 min
Delta R.T.: 0.002 min
Response: 2168031
Conc: 19.68 ug/ml



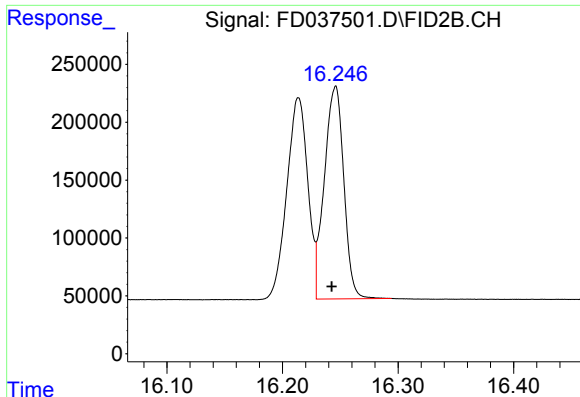
#15 Chrysene (C27.41)

R.T.: 14.708 min
Delta R.T.: 0.003 min
Response: 2251106
Conc: 19.54 ug/ml



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

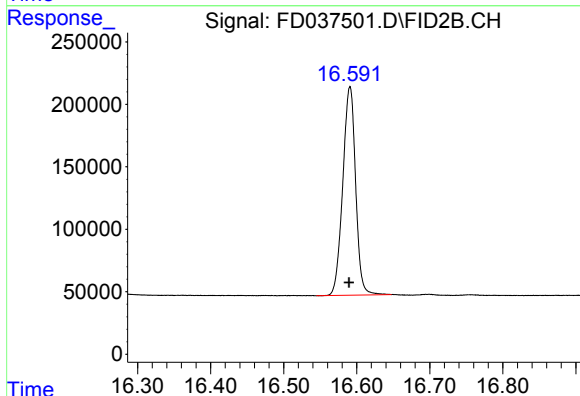
R.T.: 16.214 min
Delta R.T.: 0.001 min
Response: 2199620
Conc: 19.45 ug/ml



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

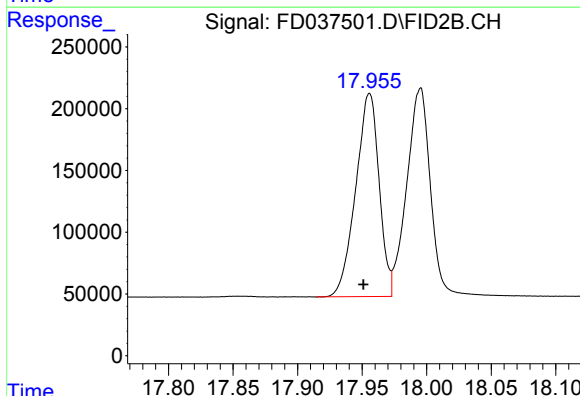
R.T.: 16.246 min
Delta R.T.: 0.003 min
Response: 2152570
Conc: 19.42 ug/ml

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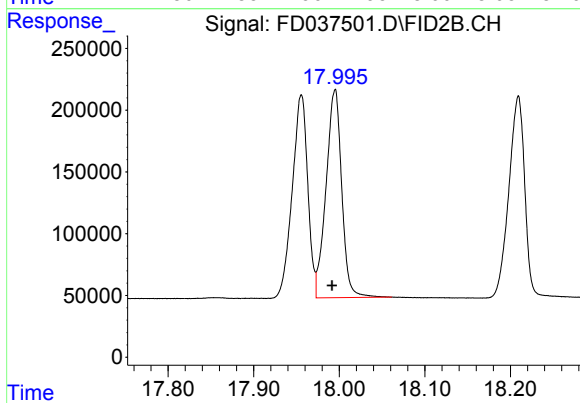
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.591 min
Delta R.T.: 0.001 min
Response: 2035514
Conc: 19.43 ug/ml



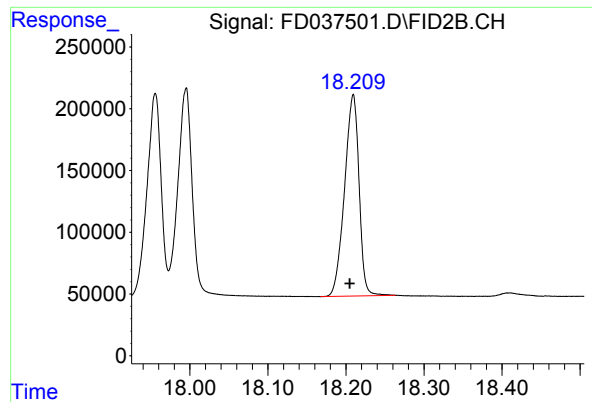
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.956 min
Delta R.T.: 0.005 min
Response: 2072104
Conc: 19.07 ug/ml



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

R.T.: 17.995 min
Delta R.T.: 0.004 min
Response: 2149363
Conc: 19.63 ug/ml



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

R.T.: 18.209 min
Delta R.T.: 0.004 min
Response: 2103417
Conc: 19.25 ug/ml

Instrument :
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