

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031020AR\
 Data File : FD032547.D
 Signal(s) : FID2B.CH
 Acq On : 10 Mar 2020 9:45
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 11 02:31:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 2020
 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...	7.620	2543733	19.681 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
6) S 2-Fluorobiphenyl (SURR)	8.480	1667095	18.884 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.77%
11) S ortho-Terphenyl (SURR)	11.514	2608730	18.815 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.426	2846728	21.401 ug/ml
2) T Naphthalene (C11.7)	5.962	2898951	20.403 ug/ml
3) T 2-Methylnaphthalene (...)	7.011	2821866	19.879 ug/ml
5) T Acenaphthylene (C15.06)	8.284	2619201	19.147 ug/ml
7) T Acenaphthene (C15.5)	8.578	2736887	19.385 ug/ml
8) T Fluorene (C16.55)	9.357	2619959	18.690 ug/ml
9) T Phenanthrene (C19.36)	10.750	2540925	18.182 ug/ml
10) T Anthracene (C19.43)	10.824	2354550	16.818 ug/ml
12) T Fluoranthene (C21.85)	12.559	2510669	17.901 ug/ml
13) T Pyrene (C20.8)	12.856	2473846	17.992 ug/ml
14) T Benzo[a]anthracene (C...	14.726	2297528	17.607 ug/ml
15) T Chrysene (C27.41)	14.768	2421790	17.990 ug/ml
16) T benzo[b]fluoranthene ...	16.276	2359299	18.391 ug/ml
17) T Bnezo[k]fluoranthene ...	16.308	2396727	18.257 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.655	2350637	18.452 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.020	2290430	19.221 ug/ml
20) T Dibenz[a,h]anthracene...	18.058	2438887	19.289 ug/ml
21) T Benzo[g,h,i]perylene ...	18.274	2355452	19.925 ug/ml

(f)=RT Delta > 1/2 Window

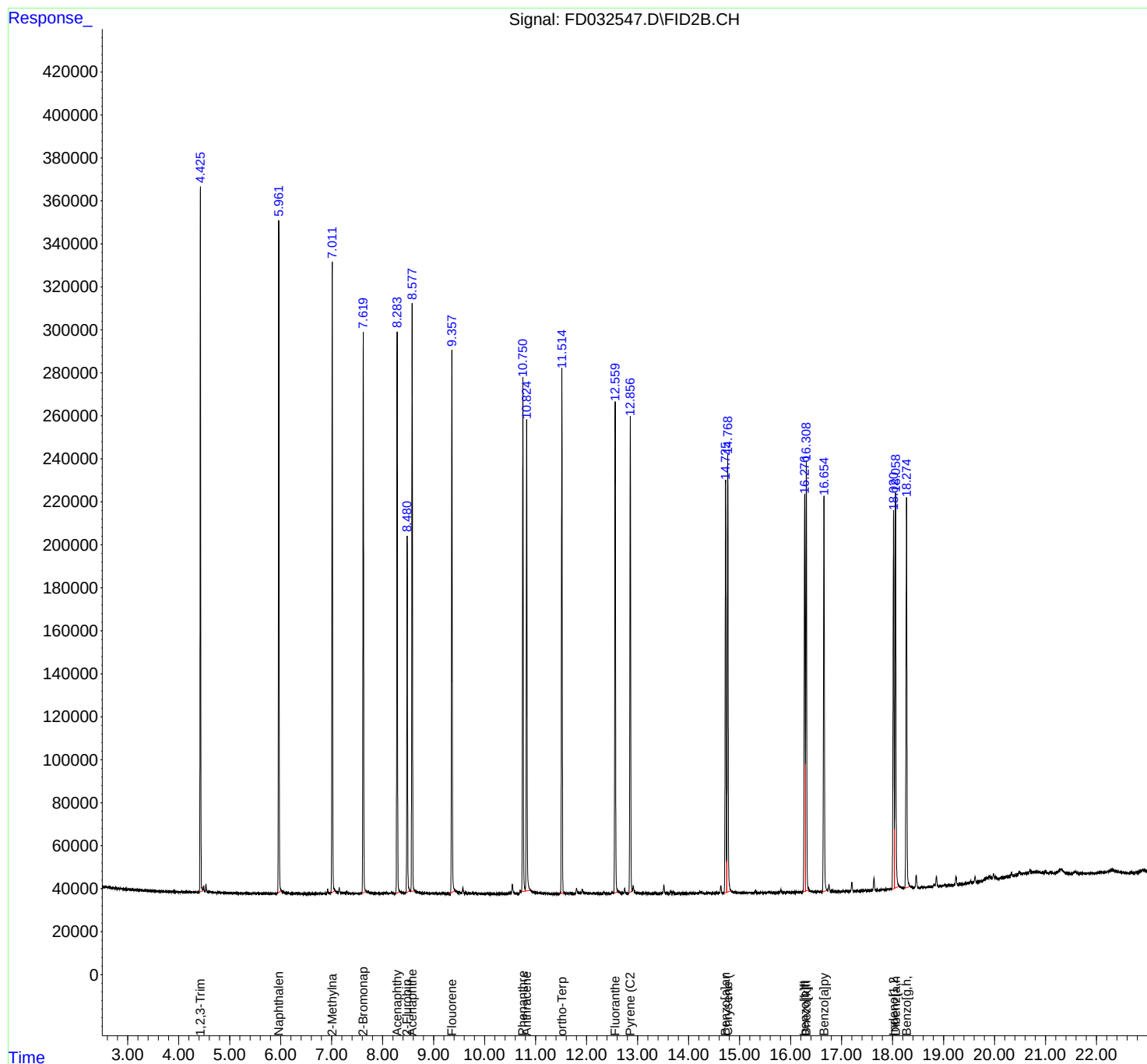
(m)=manual int.

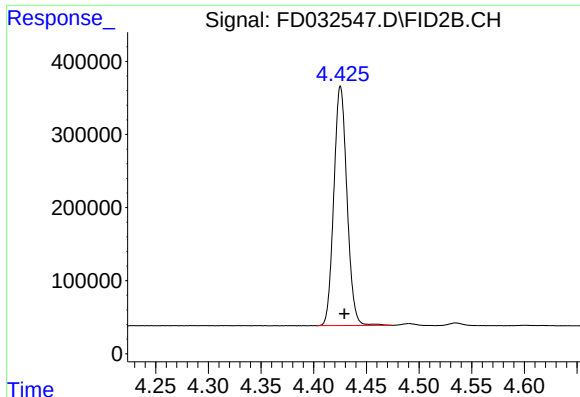
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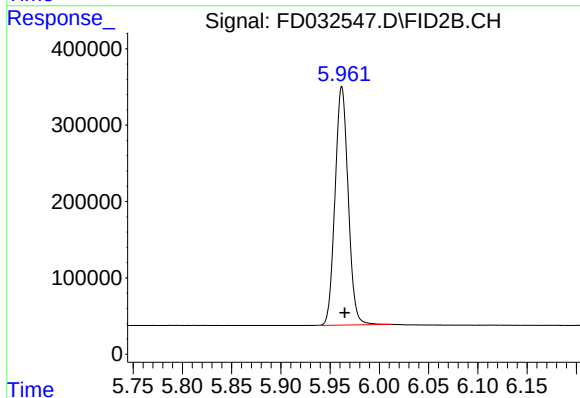




#1 1,2,3-Trimethylbenzene (C10.1)

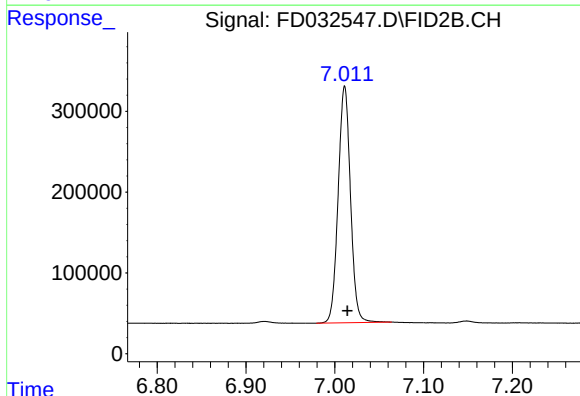
R.T.: 4.426 min
Delta R.T.: -0.003 min
Response: 2846728
Conc: 21.40 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



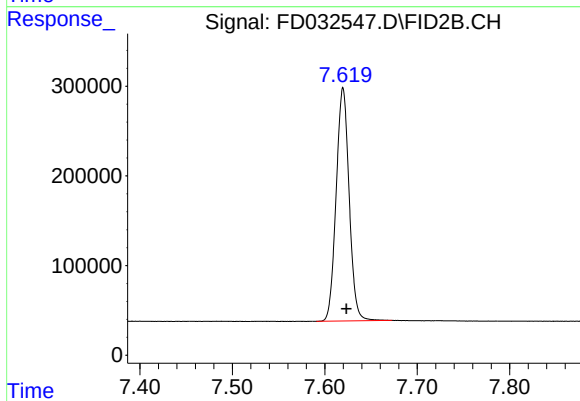
#2 Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: -0.003 min
Response: 2898951
Conc: 20.40 ug/ml



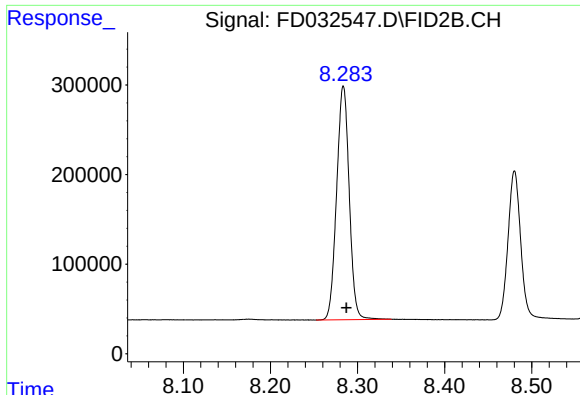
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.011 min
Delta R.T.: -0.003 min
Response: 2821866
Conc: 19.88 ug/ml



#4 2-Bromonaphthalene (SURR)

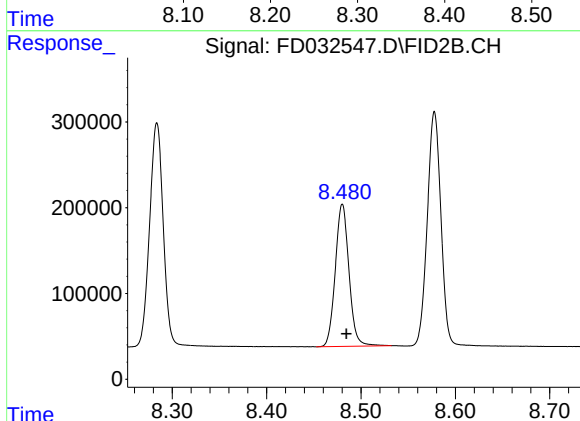
R.T.: 7.620 min
Delta R.T.: -0.004 min
Response: 2543733
Conc: 19.68 ug/ml



#5 Acenaphthylene (C15.06)

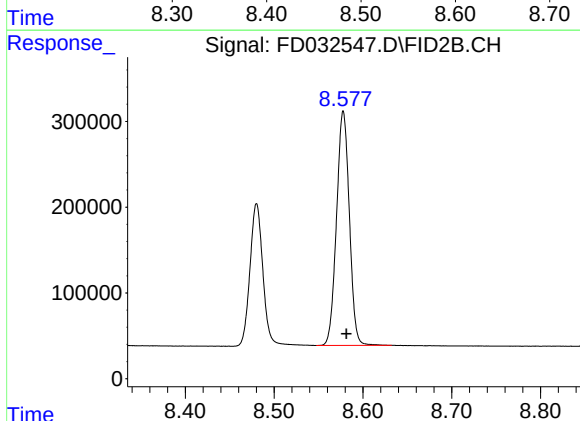
R.T.: 8.284 min
Delta R.T.: -0.003 min
Response: 2619201
Conc: 19.15 ug/ml

Instrument :
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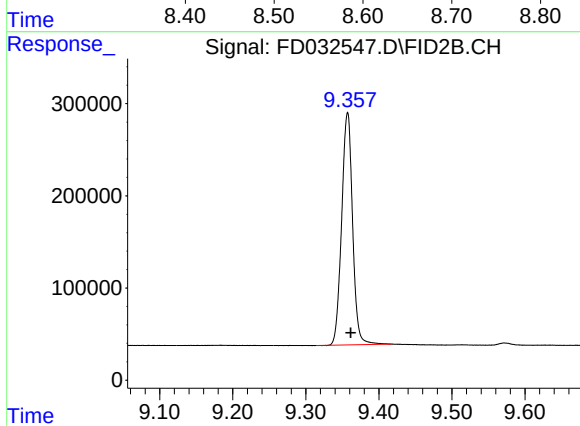
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.480 min
Delta R.T.: -0.004 min
Response: 1667095
Conc: 18.88 ug/ml



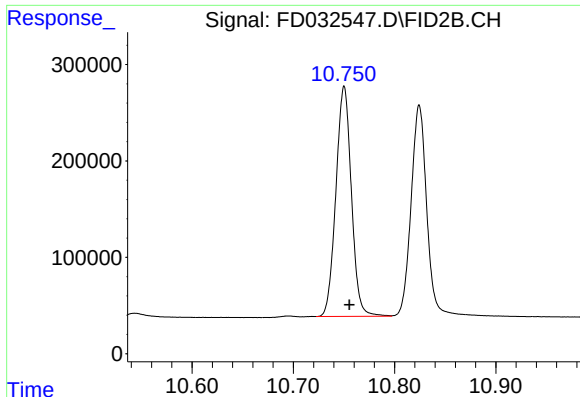
#7 Acenaphthene (C15.5)

R.T.: 8.578 min
Delta R.T.: -0.004 min
Response: 2736887
Conc: 19.38 ug/ml



#8 Flouorene (C16.55)

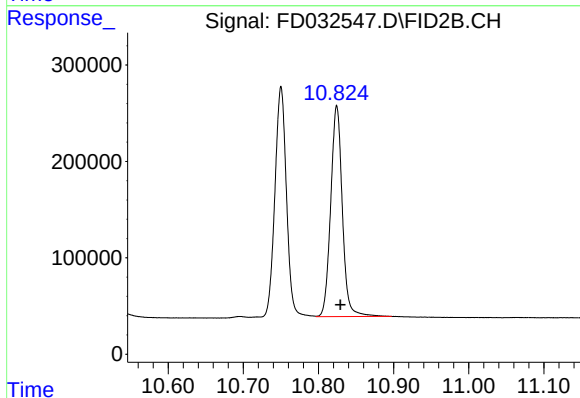
R.T.: 9.357 min
Delta R.T.: -0.004 min
Response: 2619959
Conc: 18.69 ug/ml



#9 Phenanthrene (C19.36)

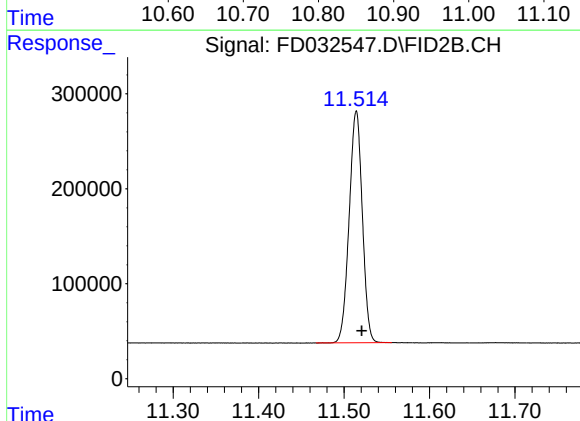
R.T.: 10.750 min
Delta R.T.: -0.005 min
Response: 2540925
Conc: 18.18 ug/ml

Instrument :
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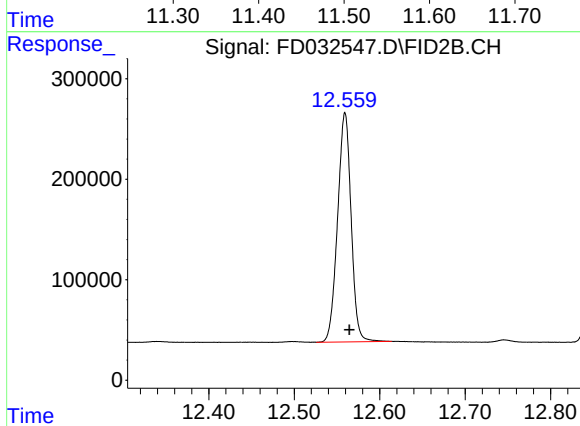
#10 Anthracene (C19.43)

R.T.: 10.824 min
Delta R.T.: -0.005 min
Response: 2354550
Conc: 16.82 ug/ml



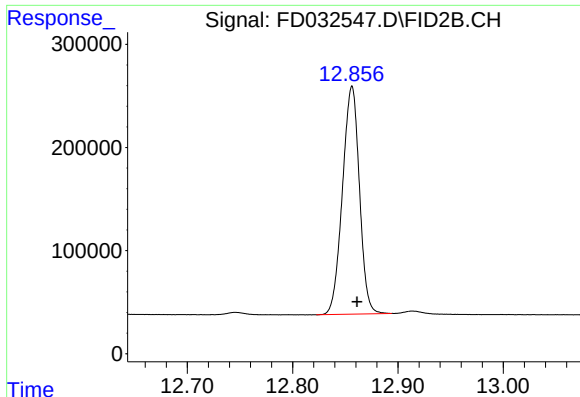
#11 ortho-Terphenyl (SURR)

R.T.: 11.514 min
Delta R.T.: -0.006 min
Response: 2608730
Conc: 18.81 ug/ml



#12 Fluoranthene (C21.85)

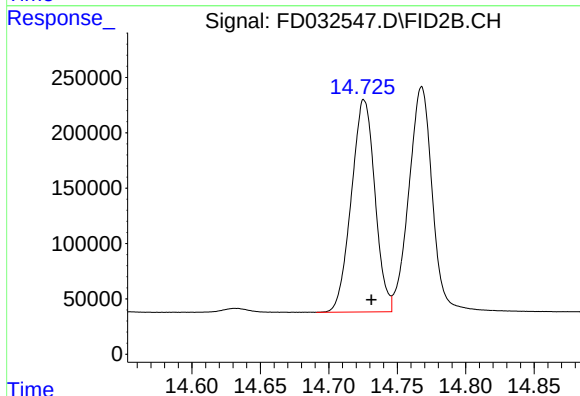
R.T.: 12.559 min
Delta R.T.: -0.005 min
Response: 2510669
Conc: 17.90 ug/ml



#13 Pyrene (C20.8)

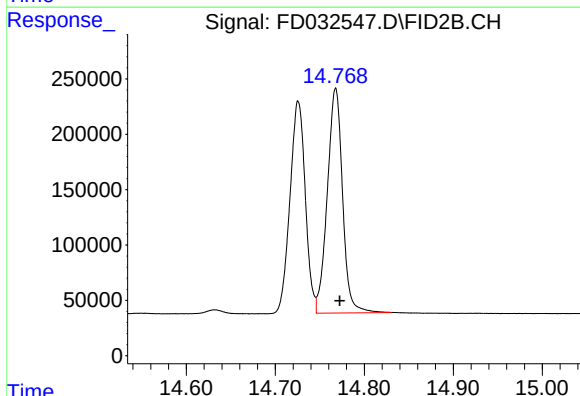
R.T.: 12.856 min
Delta R.T.: -0.005 min
Response: 2473846
Conc: 17.99 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



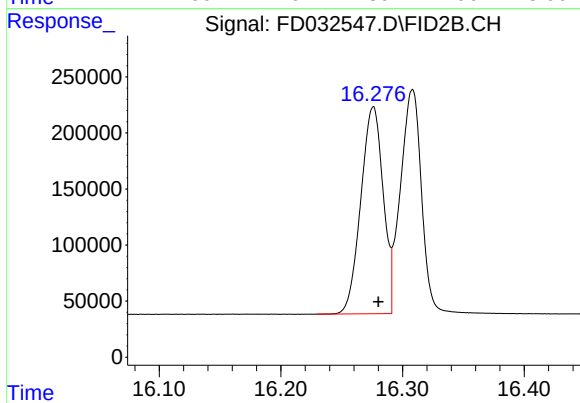
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.726 min
Delta R.T.: -0.005 min
Response: 2297528
Conc: 17.61 ug/ml



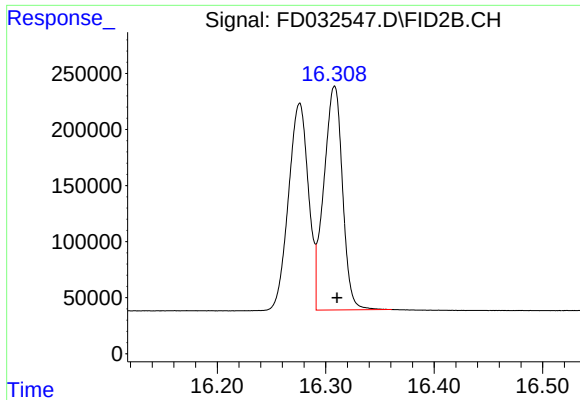
#15 Chrysene (C27.41)

R.T.: 14.768 min
Delta R.T.: -0.005 min
Response: 2421790
Conc: 17.99 ug/ml



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

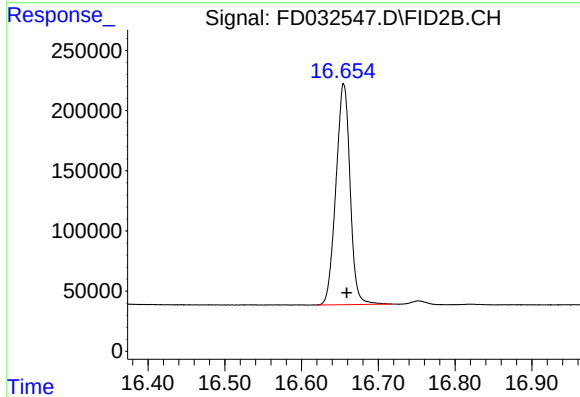
R.T.: 16.276 min
Delta R.T.: -0.004 min
Response: 2359299
Conc: 18.39 ug/ml



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

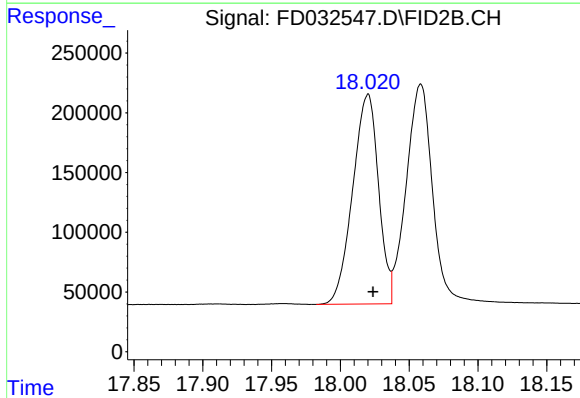
R.T.: 16.308 min
Delta R.T.: -0.002 min
Response: 2396727
Conc: 18.26 ug/ml

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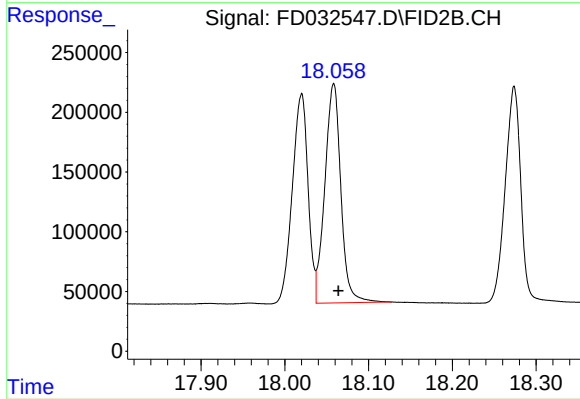
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.655 min
Delta R.T.: -0.004 min
Response: 2350637
Conc: 18.45 ug/ml



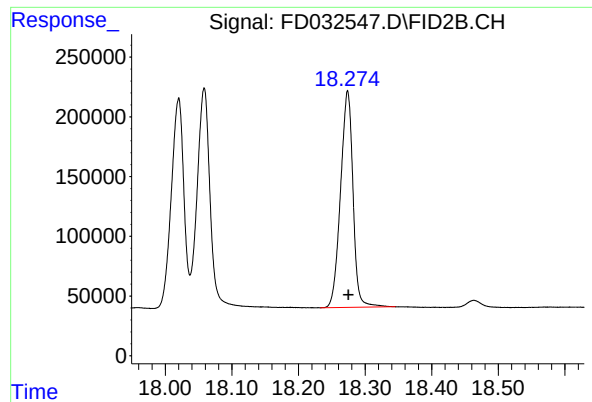
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.020 min
Delta R.T.: -0.004 min
Response: 2290430
Conc: 19.22 ug/ml



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

R.T.: 18.058 min
Delta R.T.: -0.005 min
Response: 2438887
Conc: 19.29 ug/ml



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

R.T.: 18.274 min
Delta R.T.: -0.001 min
Response: 2355452
Conc: 19.92 ug/ml

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