

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102120AR\
 Data File : FD035114.D
 Signal(s) : FID2B.CH
 Acq On : 21 Oct 2020 15:17
 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

Manual Integrations
 APPROVED

Ankita
 10/22/2020 11:06:54 AM

Integration File: autoint1.e
 Quant Time: Oct 21 15:44:38 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 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...	7.650	2154059	18.479 ug/ml
Spiked Amount 50.000		Recovery =	36.96%
6) S 2-Fluorobiphenyl (SURR)	8.515	1449400	17.654 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.31%
11) S ortho-Terphenyl (SURR)	11.553	2383050	17.379 ug/ml
Spiked Amount 50.000		Recovery =	34.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.447	2456151	18.916 ug/ml
2) T Naphthalene (C11.7)	5.988	2558270	18.691 ug/ml
3) T 2-Methylnaphthalene (...)	7.040	2544536	18.551 ug/ml
5) T Acenaphthylene (C15.06)	8.316	2394986	17.690 ug/ml
7) T Acenaphthene (C15.5)	8.611	2486945	18.014 ug/ml
8) T Flouorene (C16.55)	9.393	2368624	17.620 ug/ml
9) T Phenanthrene (C19.36)	10.790	2245415	16.811 ug/ml
10) T Anthracene (C19.43)	10.865	2242220	16.604 ug/ml
12) T Fluoranthene (C21.85)	12.601	2130305	16.188 ug/ml
13) T Pyrene (C20.8)	12.899	2018708	15.768 ug/ml
14) T Benzo[a]anthracene (C...	14.770	1800863	15.819 ug/mlm
15) T Chrysene (C27.41)	14.813	1971574	16.097 ug/ml
16) T benzo[b]fluoranthene ...	16.321	1845768	17.220 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.353	1876700	17.373 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.700	1715088	17.601 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.066	1768274	19.088 ug/mlm
20) T Dibenz[a,h]anthracene...	18.102	1943042	19.240 ug/ml
21) T Benzo[g,h,i]perylene ...	18.318	1873440	19.442 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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ALS Vial : 52 Sample Multiplier: 1

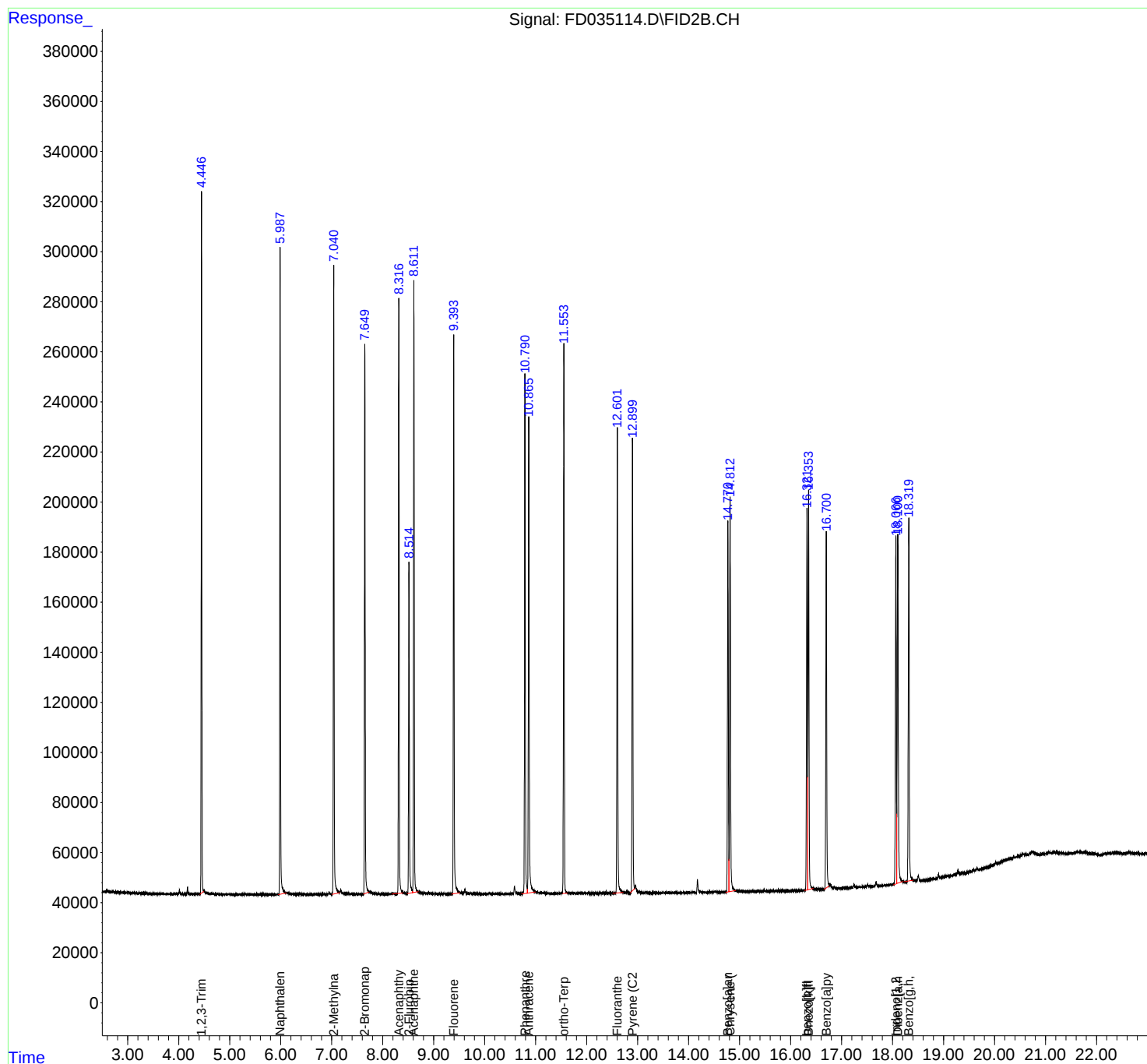
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20 PPM AROMATIC HC STD

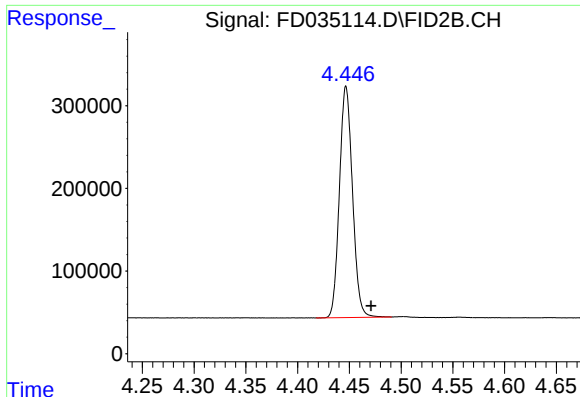
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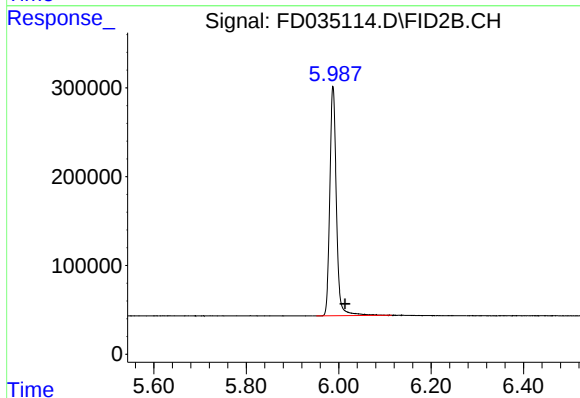
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.447 min
Delta R.T.: -0.024 min
Response: 2456151
Conc: 18.92 ug/ml

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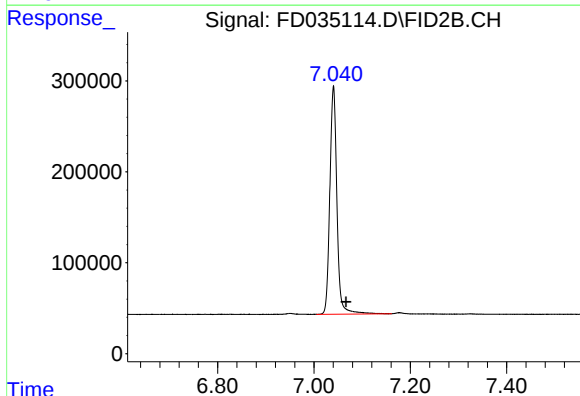
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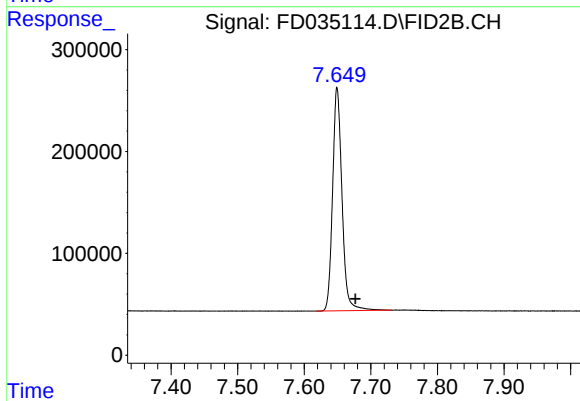
#2 Naphthalene (C11.7)

R.T.: 5.988 min
Delta R.T.: -0.026 min
Response: 2558270
Conc: 18.69 ug/ml



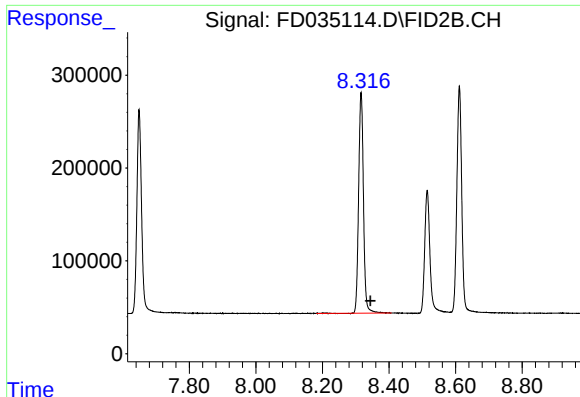
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.040 min
Delta R.T.: -0.027 min
Response: 2544536
Conc: 18.55 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.650 min
Delta R.T.: -0.027 min
Response: 2154059
Conc: 18.48 ug/ml



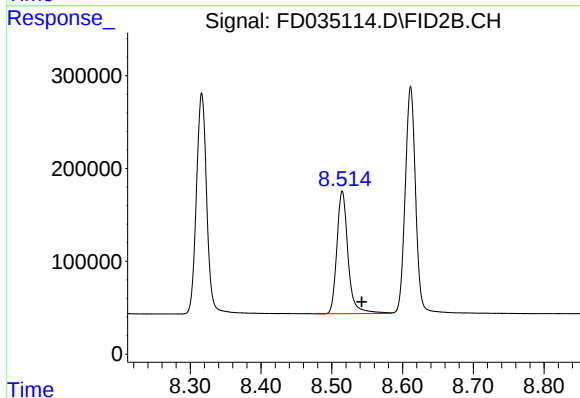
#5 Acenaphthylene (C15.06)

R.T.: 8.316 min
Delta R.T.: -0.028 min
Response: 2394986
Conc: 17.69 ug/ml

Instrument :
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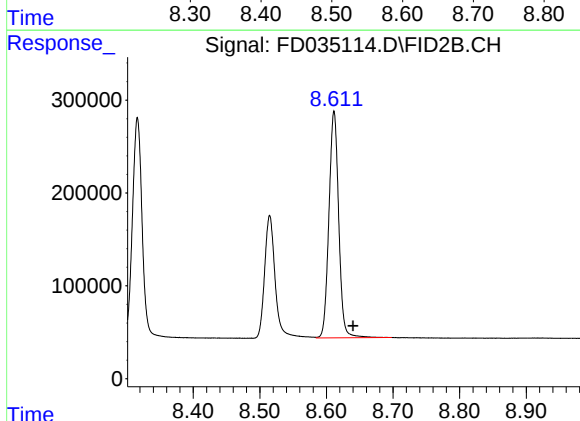
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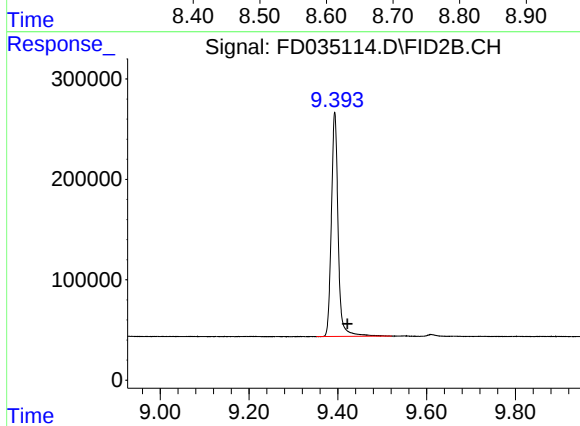
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.515 min
Delta R.T.: -0.028 min
Response: 1449400
Conc: 17.65 ug/ml



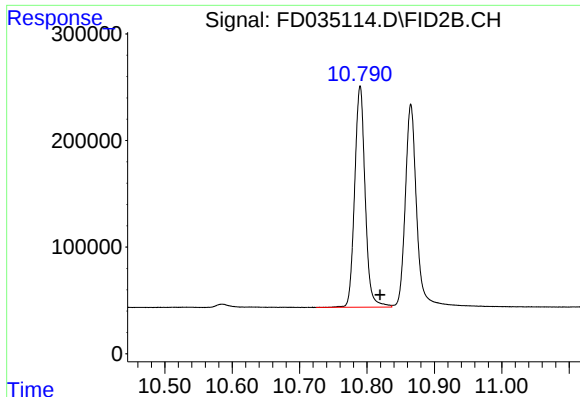
#7 Acenaphthene (C15.5)

R.T.: 8.611 min
Delta R.T.: -0.029 min
Response: 2486945
Conc: 18.01 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.393 min
Delta R.T.: -0.029 min
Response: 2368624
Conc: 17.62 ug/ml



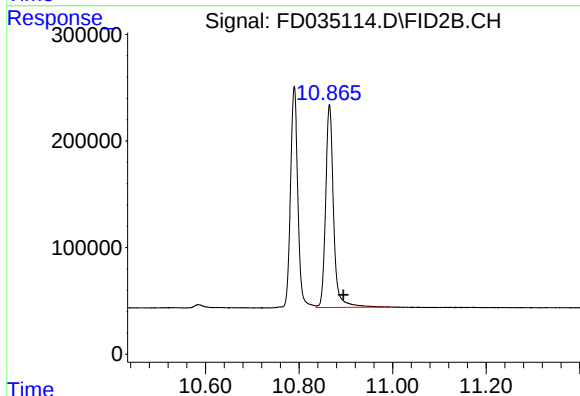
#9 Phenanthrene (C19.36)

R.T.: 10.790 min
Delta R.T.: -0.030 min
Response: 2245415
Conc: 16.81 ug/ml

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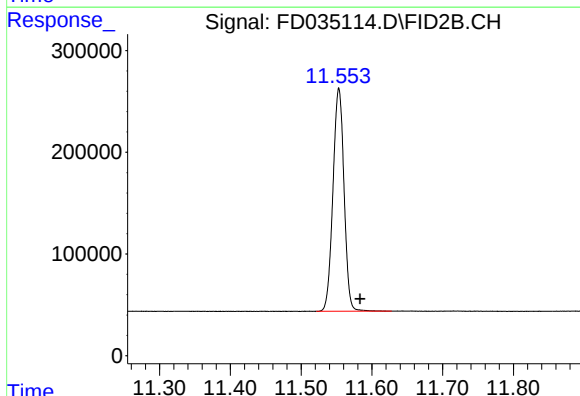
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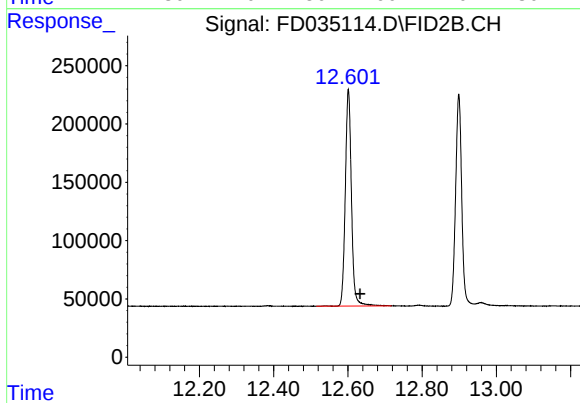
#10 Anthracene (C19.43)

R.T.: 10.865 min
Delta R.T.: -0.030 min
Response: 2242220
Conc: 16.60 ug/ml



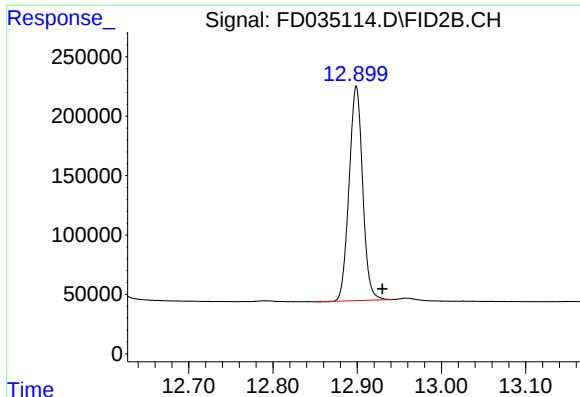
#11 ortho-Terphenyl (SURR)

R.T.: 11.553 min
Delta R.T.: -0.030 min
Response: 2383050
Conc: 17.38 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.601 min
Delta R.T.: -0.032 min
Response: 2130305
Conc: 16.19 ug/ml



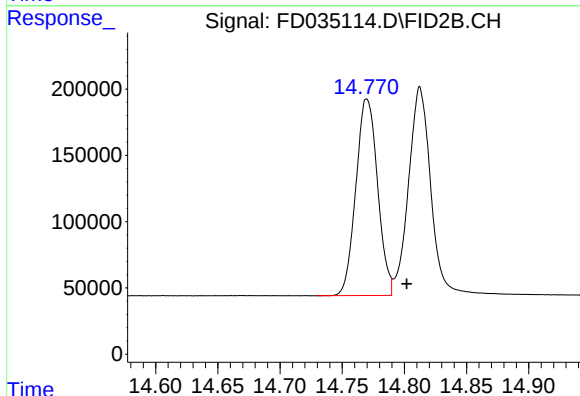
#13 Pyrene (C20.8)

R.T.: 12.899 min
Delta R.T.: -0.031 min
Response: 2018708
Conc: 15.77 ug/ml

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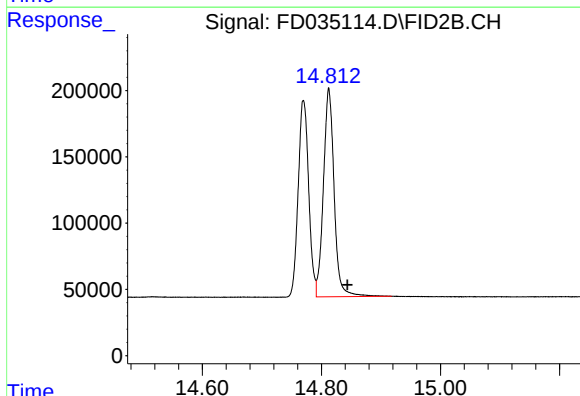
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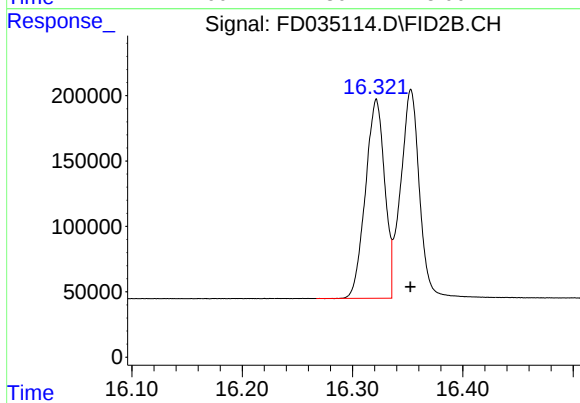
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.770 min
Delta R.T.: -0.032 min
Response: 1800863
Conc: 15.82 ug/ml m



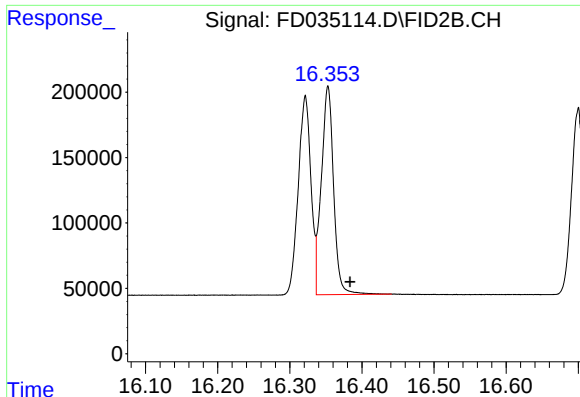
#15 Chrysene (C27.41)

R.T.: 14.813 min
Delta R.T.: -0.031 min
Response: 1971574
Conc: 16.10 ug/ml



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

R.T.: 16.321 min
Delta R.T.: -0.031 min
Response: 1845768
Conc: 17.22 ug/ml m



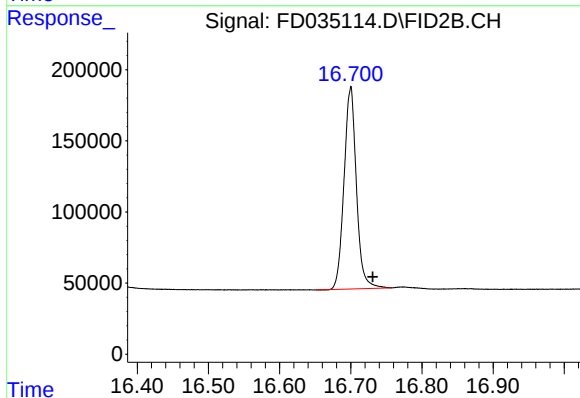
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.353 min
Delta R.T.: -0.031 min
Response: 1876700
Conc: 17.37 ug/ml

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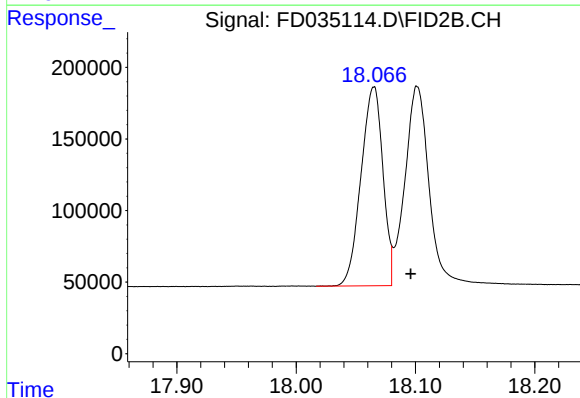
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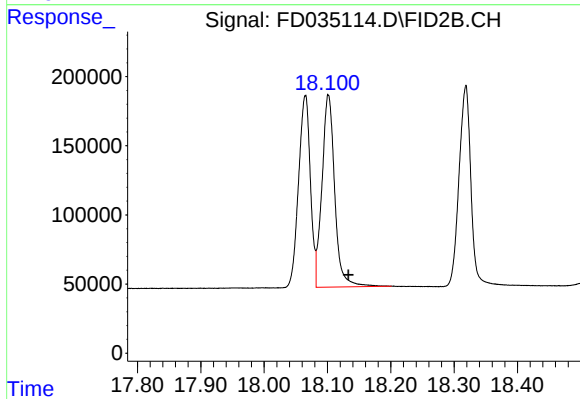
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.700 min
Delta R.T.: -0.031 min
Response: 1715088
Conc: 17.60 ug/ml



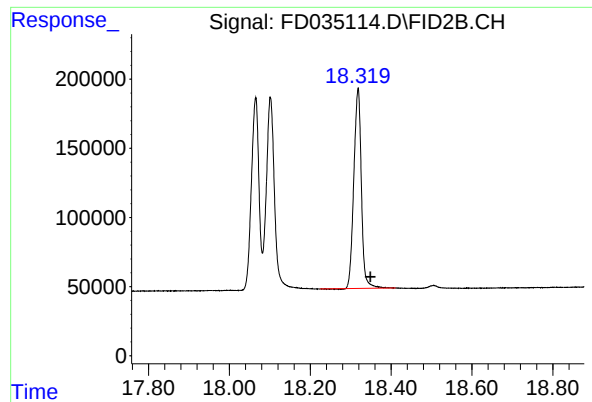
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.066 min
Delta R.T.: -0.030 min
Response: 1768274
Conc: 19.09 ug/ml m



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

R.T.: 18.102 min
Delta R.T.: -0.032 min
Response: 1943042
Conc: 19.24 ug/ml



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

R.T.: 18.318 min
Delta R.T.: -0.031 min
Response: 1873440
Conc: 19.44 ug/ml

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