

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013120AR\
 Data File : FD032254.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jan 2020 22:37
 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

Sohil
 2/3/2020 2:39:24 PM

Integration File: autoint1.e
 Quant Time: Feb 01 00:47:16 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 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...	7.634	2175929	19.357 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
6) S 2-Fluorobiphenyl (SURR)	8.496	1471530	18.880 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.76%
11) S ortho-Terphenyl (SURR)	11.533	2282424	18.389 ug/ml
Spiked Amount 50.000		Recovery =	36.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.437	2343514	20.692 ug/ml
2) T Naphthalene (C11.7)	5.975	2443223	20.086 ug/ml
3) T 2-Methylnaphthalene (...)	7.025	2397882	19.578 ug/ml
5) T Acenaphthylene (C15.06)	8.299	2235391	18.676 ug/ml
7) T Acenaphthene (C15.5)	8.594	2356590	19.057 ug/ml
8) T Flouorene (C16.55)	9.374	2313066	18.520 ug/ml
9) T Phenanthrene (C19.36)	10.769	2270886	17.987 ug/ml
10) T Anthracene (C19.43)	10.842	1934149	15.449 ug/ml
12) T Fluoranthene (C21.85)	12.579	2281944	17.829 ug/ml
13) T Pyrene (C20.8)	12.876	2265700	18.002 ug/ml
14) T Benzo[a]anthracene (C...	14.747	2166122	17.739 ug/ml
15) T Chrysene (C27.41)	14.789	2213829	17.989 ug/ml
16) T benzo[b]fluoranthene ...	16.298	2233227	18.494 ug/ml
17) T Bnezo[k]fluoranthene ...	16.329	2265351	18.724 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.676	2211465	18.511 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.043	2192998	19.088 ug/ml
20) T Dibenz[a,h]anthracene...	18.081	2232361	19.090 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.297	2183928	19.167 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 52 Sample Multiplier: 1

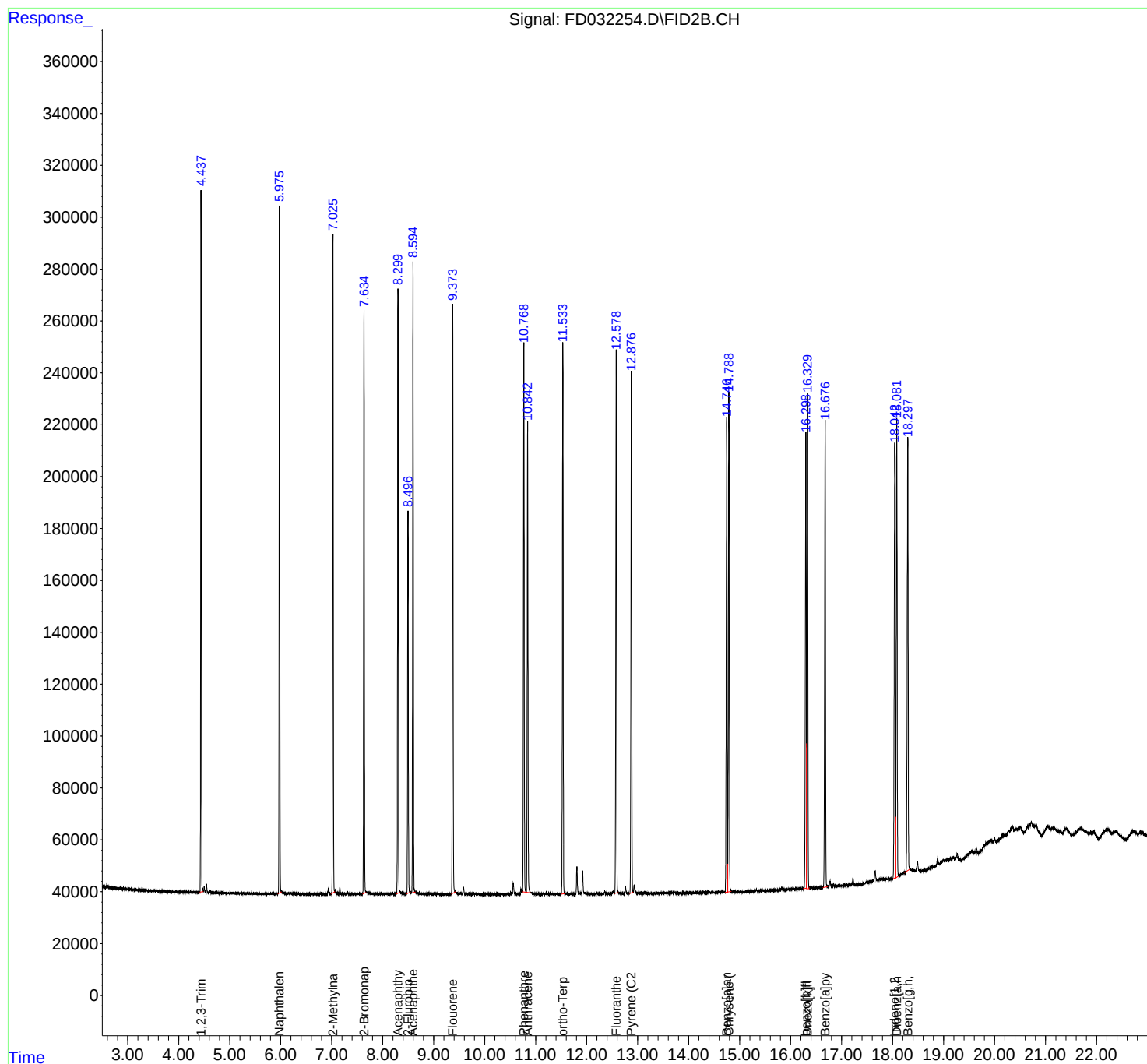
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20 PPM AROMATIC HC STD

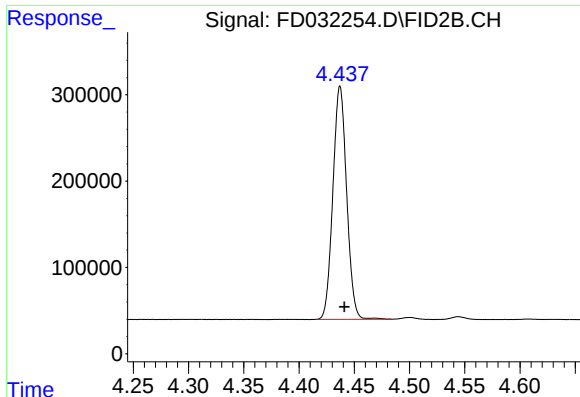
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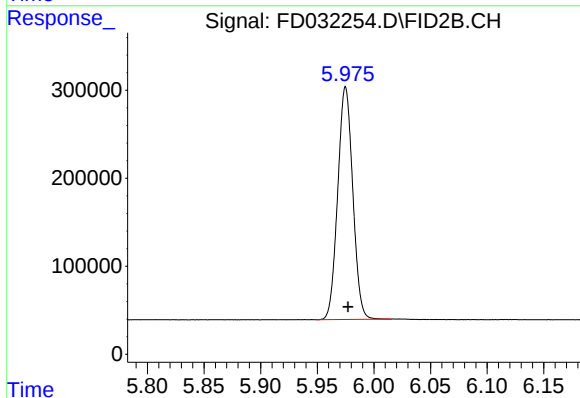
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.437 min
Delta R.T.: -0.004 min
Response: 2343514
Conc: 20.69 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD

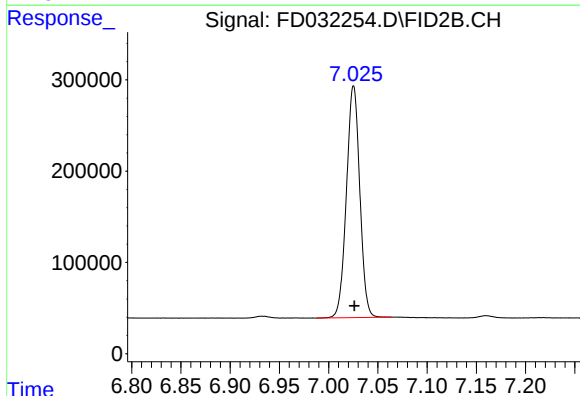
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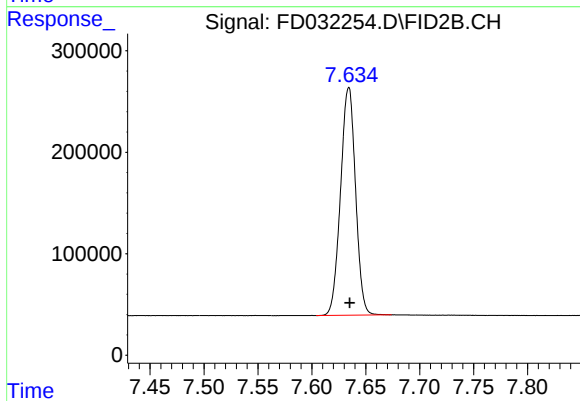
#2 Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 2443223
Conc: 20.09 ug/ml



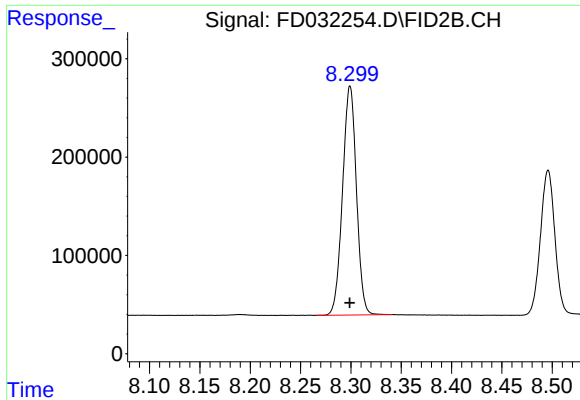
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 2397882
Conc: 19.58 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.634 min
Delta R.T.: -0.001 min
Response: 2175929
Conc: 19.36 ug/ml



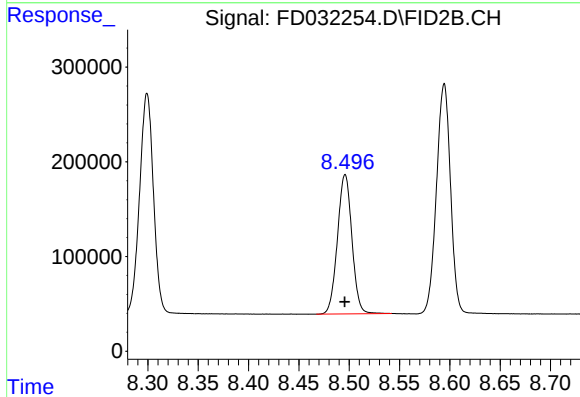
#5 Acenaphthylene (C15.06)

R.T.: 8.299 min
Delta R.T.: 0.000 min
Response: 2235391
Conc: 18.68 ug/ml

Instrument :
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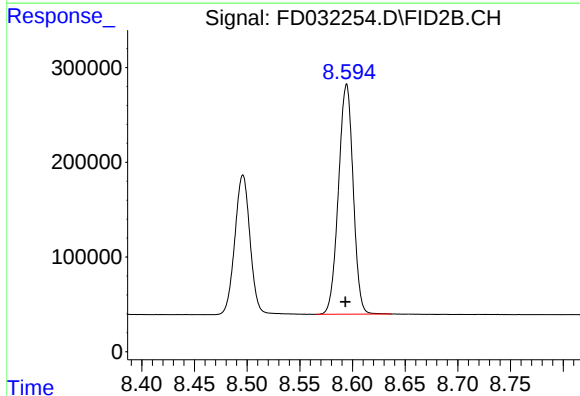
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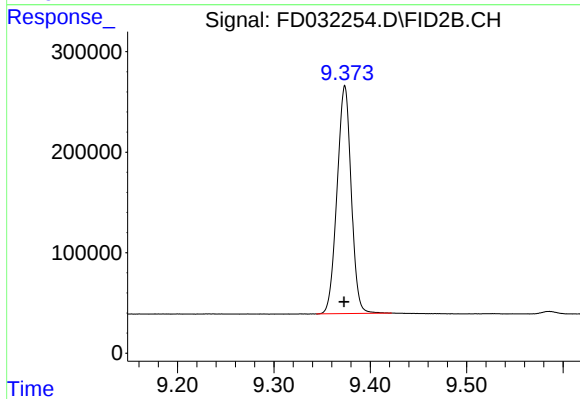
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 1471530
Conc: 18.88 ug/ml



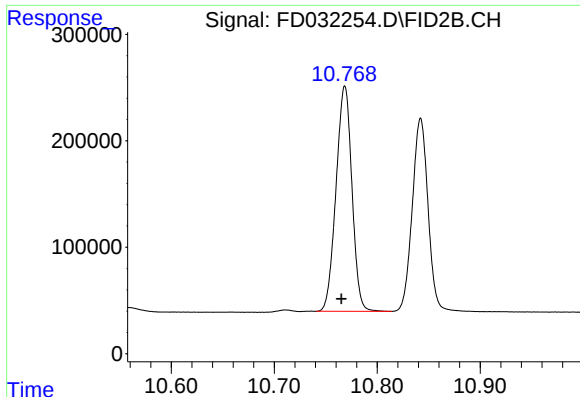
#7 Acenaphthene (C15.5)

R.T.: 8.594 min
Delta R.T.: 0.001 min
Response: 2356590
Conc: 19.06 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.374 min
Delta R.T.: 0.001 min
Response: 2313066
Conc: 18.52 ug/ml



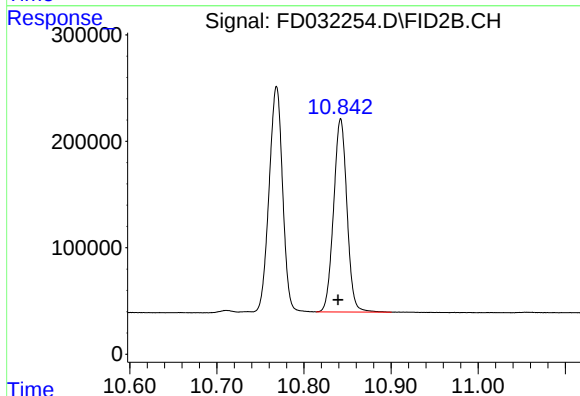
#9 Phenanthrene (C19.36)

R.T.: 10.769 min
Delta R.T.: 0.003 min
Response: 2270886
Conc: 17.99 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

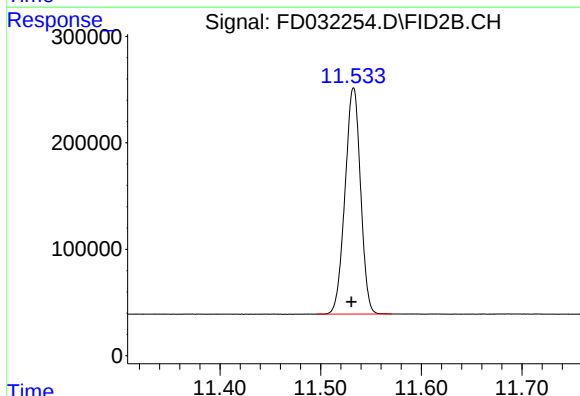
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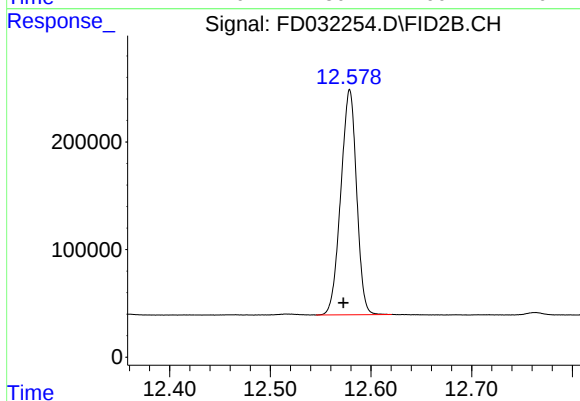
#10 Anthracene (C19.43)

R.T.: 10.842 min
Delta R.T.: 0.003 min
Response: 1934149
Conc: 15.45 ug/ml



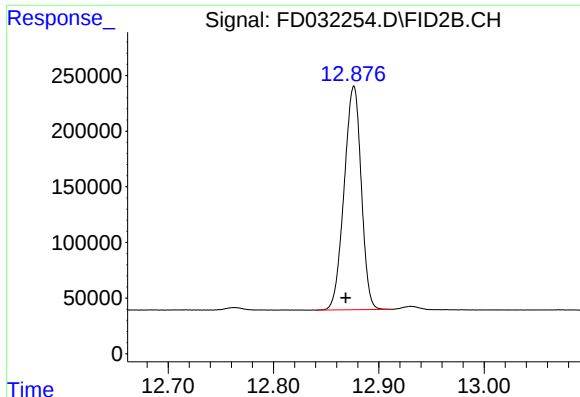
#11 ortho-Terphenyl (SURR)

R.T.: 11.533 min
Delta R.T.: 0.002 min
Response: 2282424
Conc: 18.39 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.579 min
Delta R.T.: 0.006 min
Response: 2281944
Conc: 17.83 ug/ml



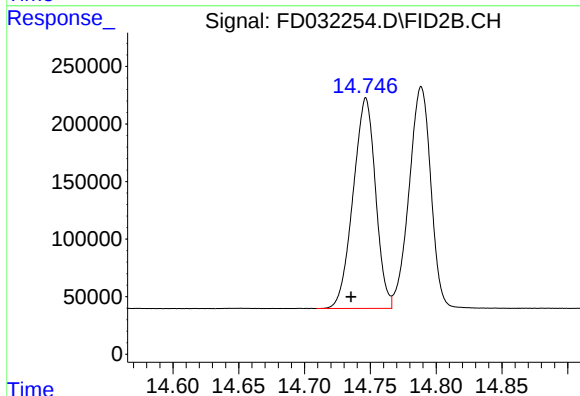
#13 Pyrene (C20.8)

R.T.: 12.876 min
Delta R.T.: 0.008 min
Response: 2265700
Conc: 18.00 ug/ml

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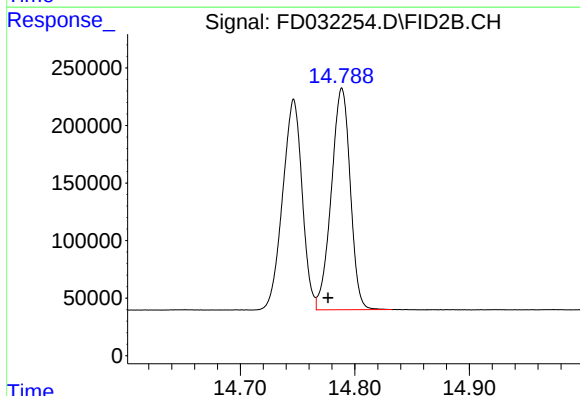
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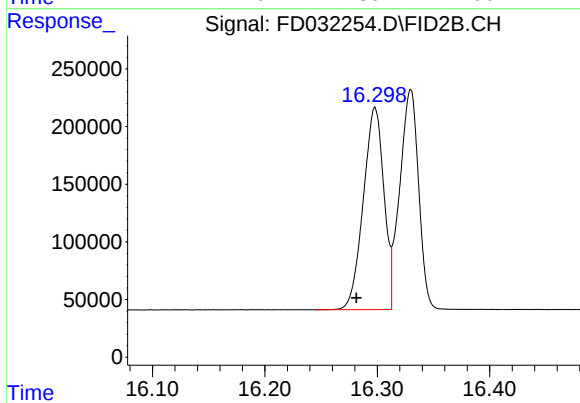
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.747 min
Delta R.T.: 0.011 min
Response: 2166122
Conc: 17.74 ug/ml



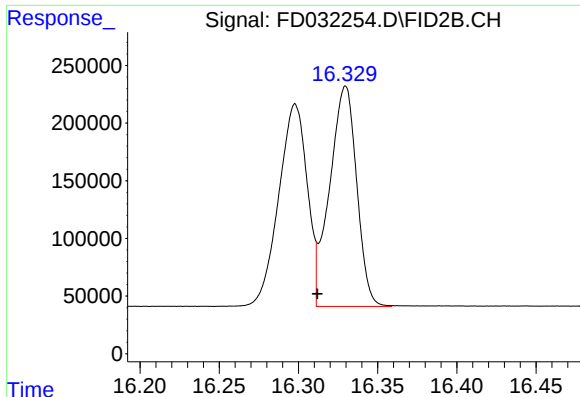
#15 Chrysene (C27.41)

R.T.: 14.789 min
Delta R.T.: 0.012 min
Response: 2213829
Conc: 17.99 ug/ml



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

R.T.: 16.298 min
Delta R.T.: 0.017 min
Response: 2233227
Conc: 18.49 ug/ml



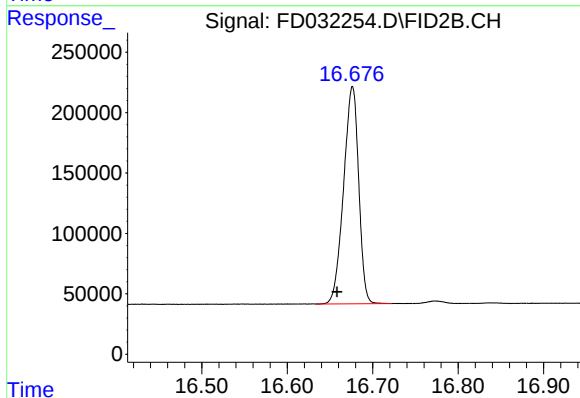
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.329 min
Delta R.T.: 0.017 min
Response: 2265351
Conc: 18.72 ug/ml m

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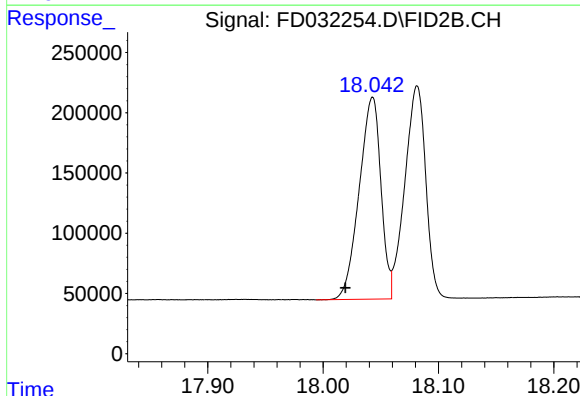
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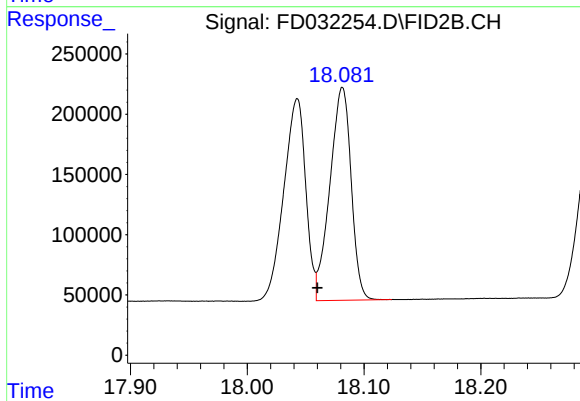
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.676 min
Delta R.T.: 0.018 min
Response: 2211465
Conc: 18.51 ug/ml



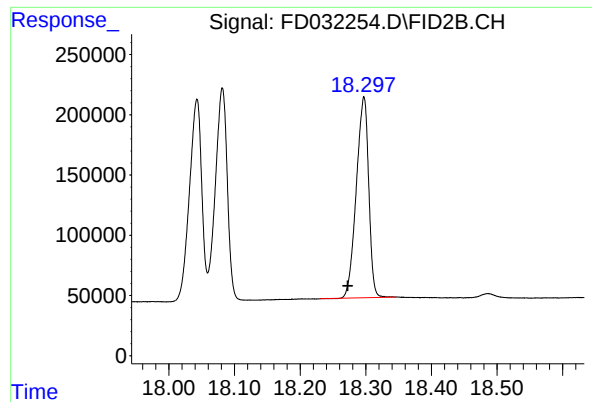
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.043 min
Delta R.T.: 0.024 min
Response: 2192998
Conc: 19.09 ug/ml



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

R.T.: 18.081 min
Delta R.T.: 0.021 min
Response: 2232361
Conc: 19.09 ug/ml m



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

R.T.: 18.297 min
Delta R.T.: 0.025 min
Response: 2183928
Conc: 19.17 ug/ml

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