

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032321AR\
 Data File : FD036518.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2021 7:07
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Ankita
 3/24/2021 2:18:48 PM

Integration File: autoint1.e
 Quant Time: Mar 24 11:02:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 10:39:27 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...	7.603	14628696	102.994 ug/ml
Spiked Amount 50.000		Recovery =	205.99%
6) S 2-Fluorobiphenyl (SURR)	8.464	9909791	104.237 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	208.47%#
11) S ortho-Terphenyl (SURR)	11.506	15650499	101.912 ug/ml
Spiked Amount 50.000		Recovery =	203.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.401	15038344	101.949 ug/ml
2) T Naphthalene (C11.7)	5.940	16231421	102.598 ug/ml
3) T 2-Methylnaphthalene (...)	6.993	16298620	102.968 ug/ml
5) T Acenaphthylene (C15.06)	8.269	15617467	102.876 ug/ml
7) T Acenaphthene (C15.5)	8.568	16100684	102.779 ug/ml
8) T Fluorene (C16.55)	9.347	15695363	103.059 ug/ml
9) T Phenanthrene (C19.36)	10.741	15271218	102.933 ug/ml
10) T Anthracene (C19.43)	10.819	15197805	104.012 ug/ml
12) T Fluoranthene (C21.85)	12.553	14539133	102.998 ug/ml
13) T Pyrene (C20.8)	12.850	14205859	103.145 ug/ml
14) T Benzo[a]anthracene (C...	14.716	12406456	103.756 ug/ml
15) T Chrysene (C27.41)	14.765	12548373	102.827 ug/mlm
16) T benzo[b]fluoranthene ...	16.265	11359930	103.246 ug/ml
17) T Bnezo[k]fluoranthene ...	16.303	10764020	100.872 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.645	10193890	102.098 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.009	10461982	104.567 ug/ml
20) T Dibenz[a,h]anthracene...	18.049	9779067	95.884 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.270	10260499	100.854 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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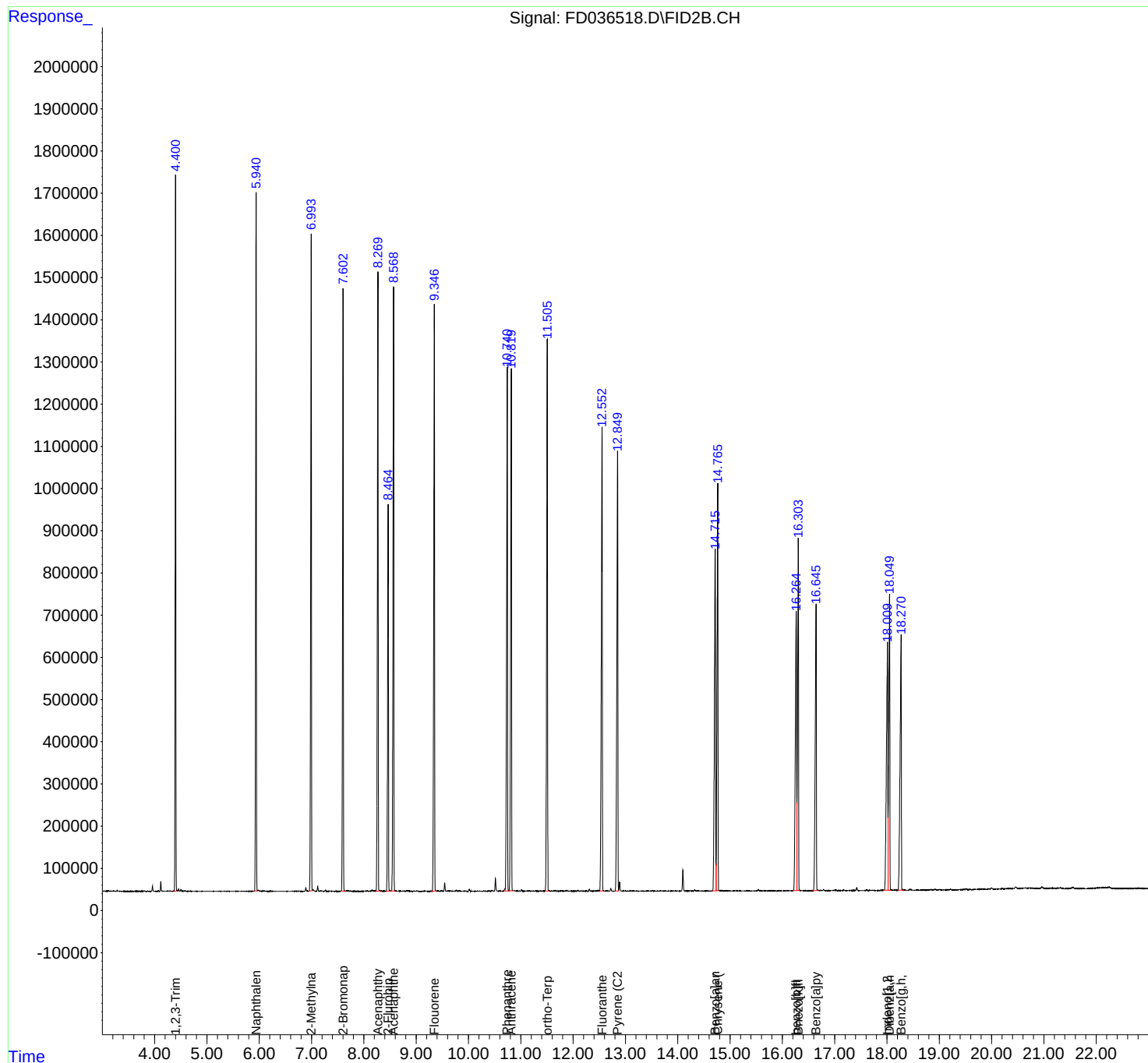
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100 PPM AROMATIC HC STD1

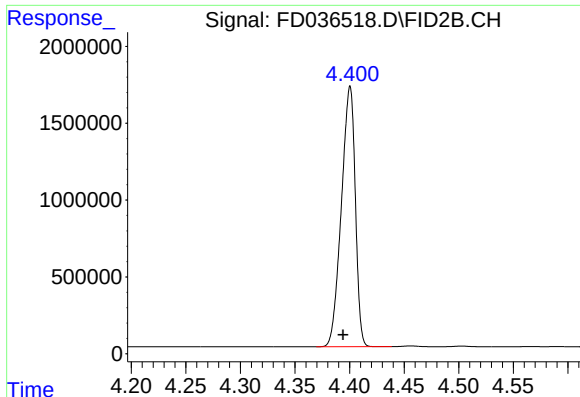
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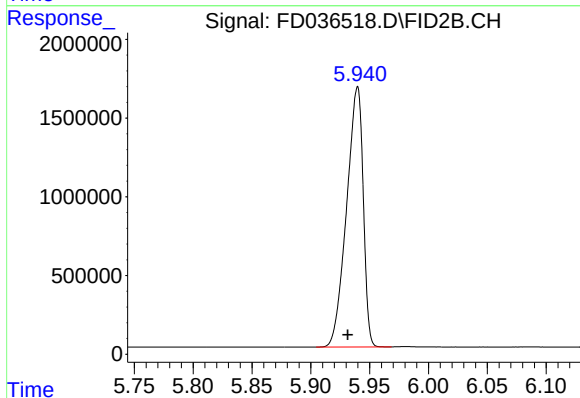
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.401 min
Delta R.T.: 0.007 min
Response: 15038344
Conc: 101.95 ug/ml

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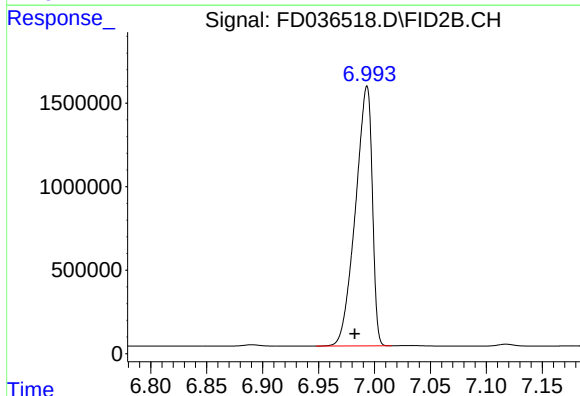
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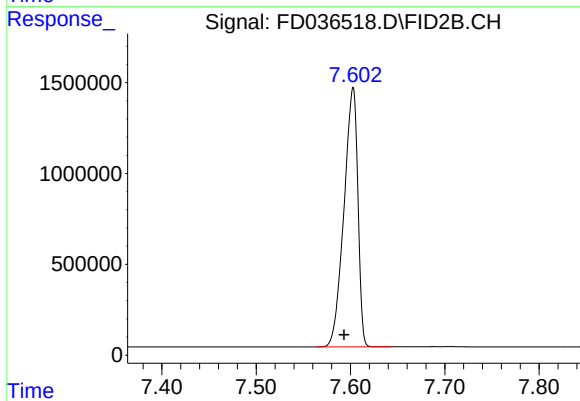
#2 Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: 0.009 min
Response: 16231421
Conc: 102.60 ug/ml



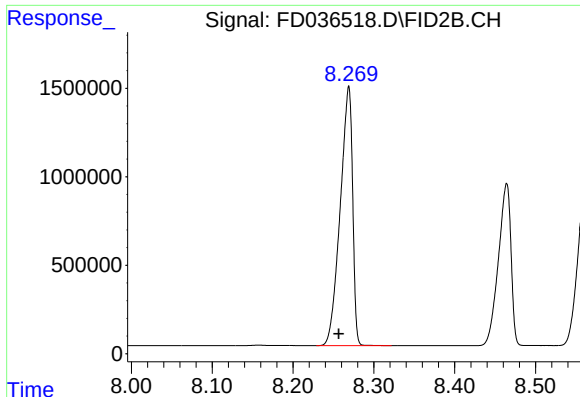
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.993 min
Delta R.T.: 0.011 min
Response: 16298620
Conc: 102.97 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.603 min
Delta R.T.: 0.010 min
Response: 14628696
Conc: 102.99 ug/ml



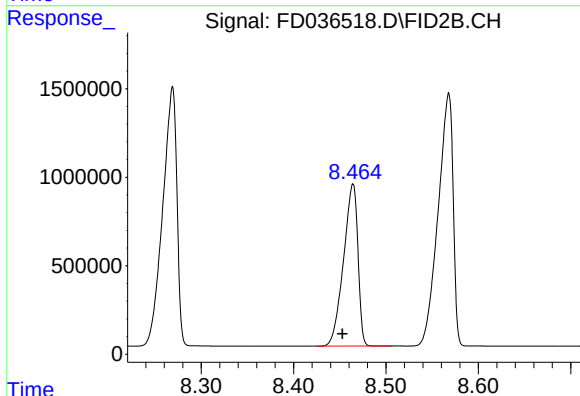
#5 Acenaphthylene (C15.06)

R.T.: 8.269 min
Delta R.T.: 0.012 min
Response: 15617467
Conc: 102.88 ug/ml

Instrument :
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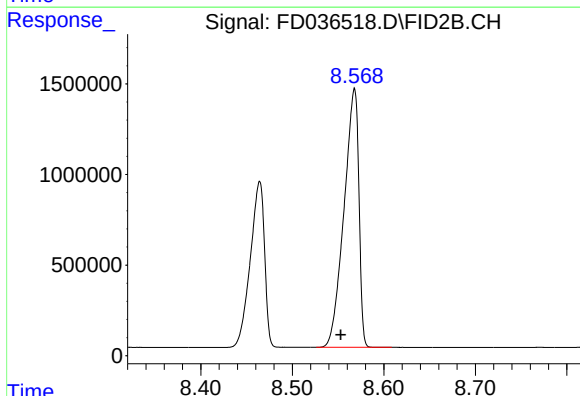
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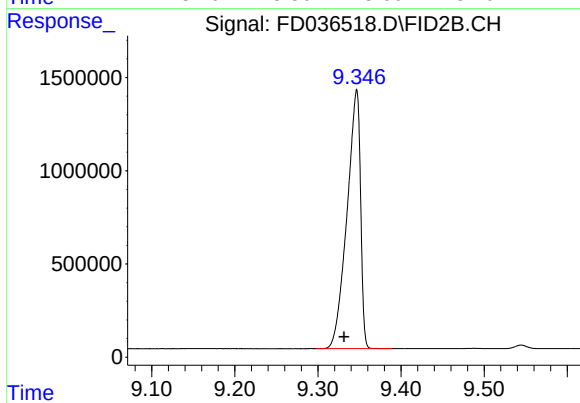
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.464 min
Delta R.T.: 0.012 min
Response: 9909791
Conc: 104.24 ug/ml



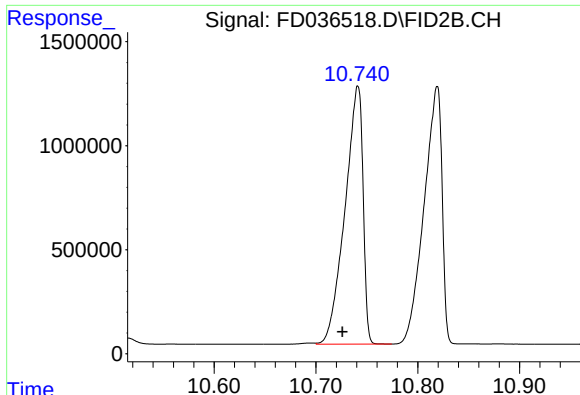
#7 Acenaphthene (C15.5)

R.T.: 8.568 min
Delta R.T.: 0.015 min
Response: 16100684
Conc: 102.78 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.347 min
Delta R.T.: 0.015 min
Response: 15695363
Conc: 103.06 ug/ml



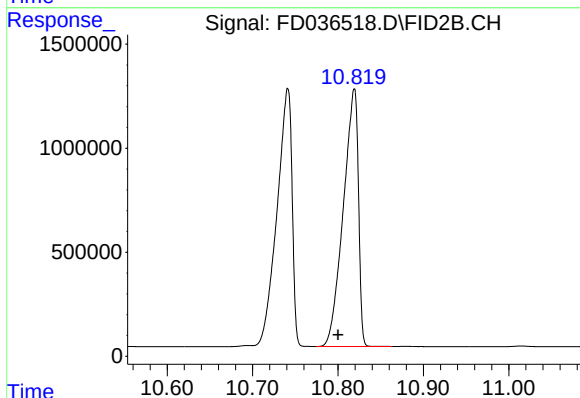
#9 Phenanthrene (C19.36)

R.T.: 10.741 min
Delta R.T.: 0.015 min
Response: 15271218
Conc: 102.93 ug/ml

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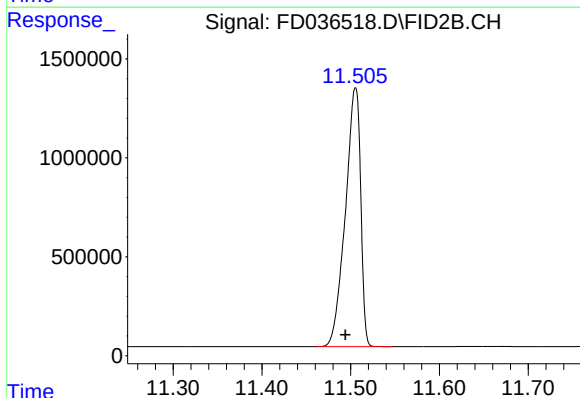
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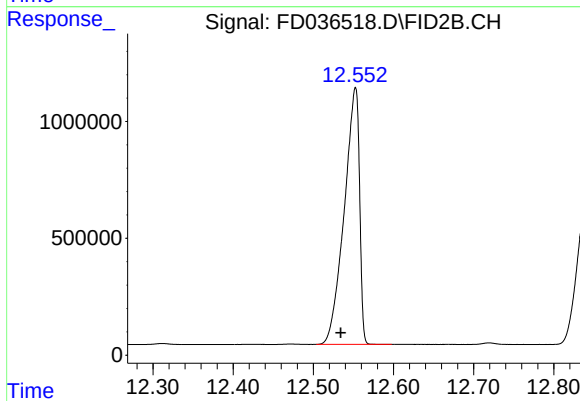
#10 Anthracene (C19.43)

R.T.: 10.819 min
Delta R.T.: 0.019 min
Response: 15197805
Conc: 104.01 ug/ml



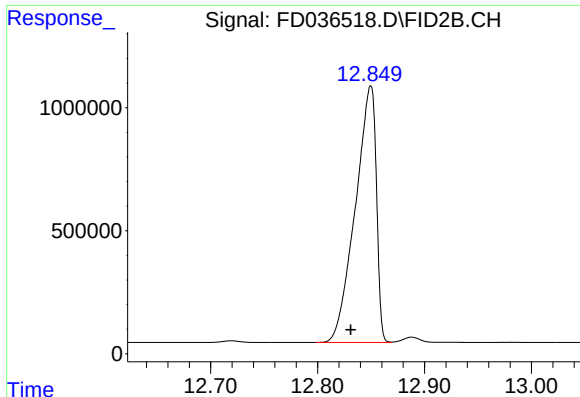
#11 ortho-Terphenyl (SURR)

R.T.: 11.506 min
Delta R.T.: 0.012 min
Response: 15650499
Conc: 101.91 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.553 min
Delta R.T.: 0.018 min
Response: 14539133
Conc: 103.00 ug/ml



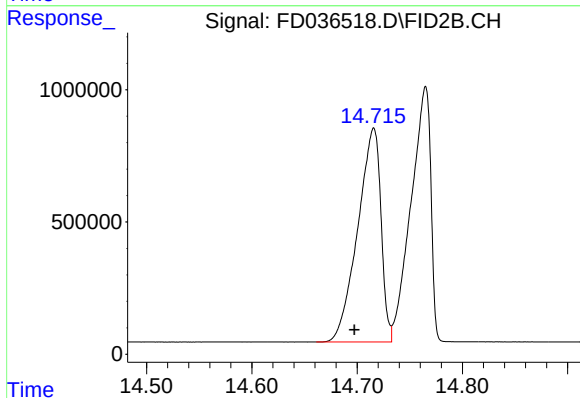
#13 Pyrene (C20.8)

R.T.: 12.850 min
Delta R.T.: 0.019 min
Response: 14205859
Conc: 103.15 ug/ml

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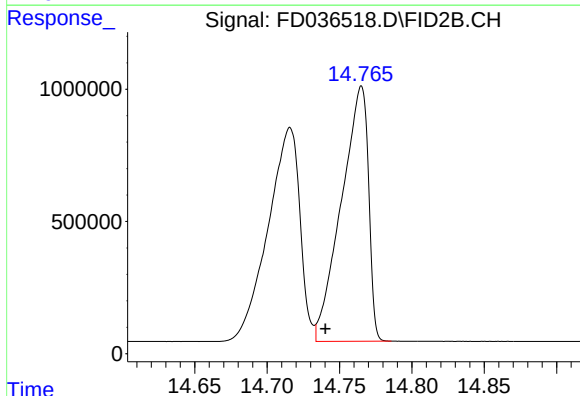
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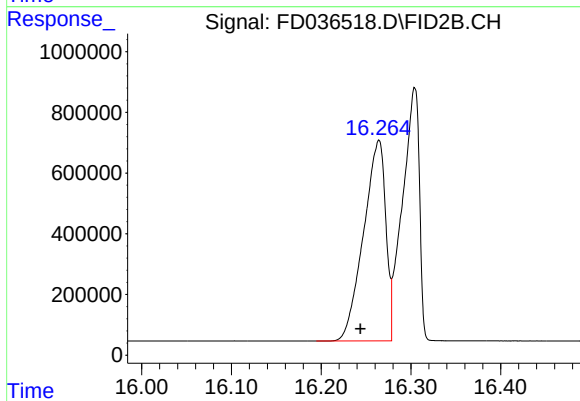
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.716 min
Delta R.T.: 0.018 min
Response: 12406456
Conc: 103.76 ug/ml



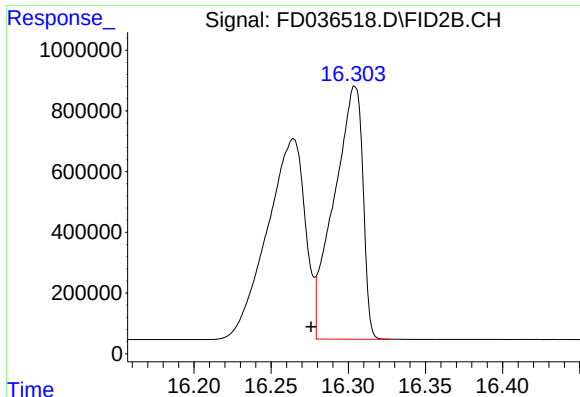
#15 Chrysene (C27.41)

R.T.: 14.765 min
Delta R.T.: 0.025 min
Response: 12548373
Conc: 102.83 ug/ml m



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

R.T.: 16.265 min
Delta R.T.: 0.021 min
Response: 11359930
Conc: 103.25 ug/ml



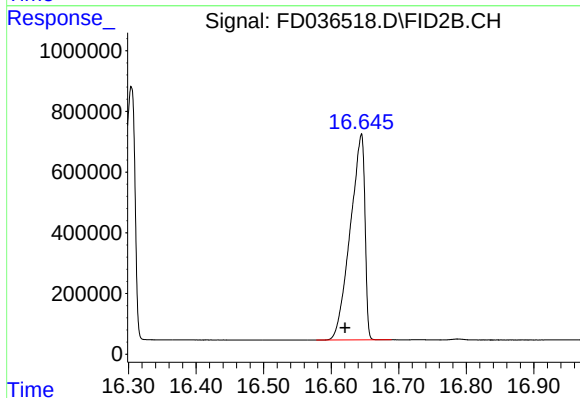
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.303 min
Delta R.T.: 0.027 min
Response: 10764020
Conc: 100.87 ug/ml m

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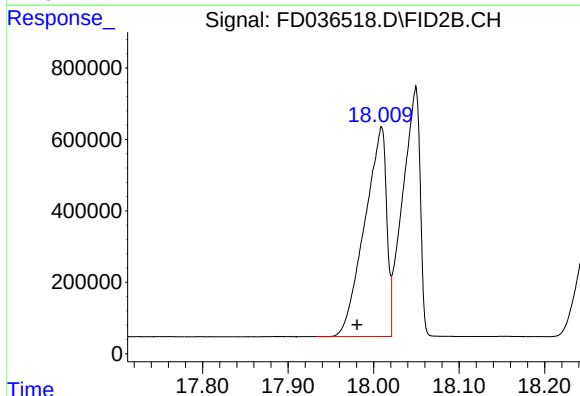
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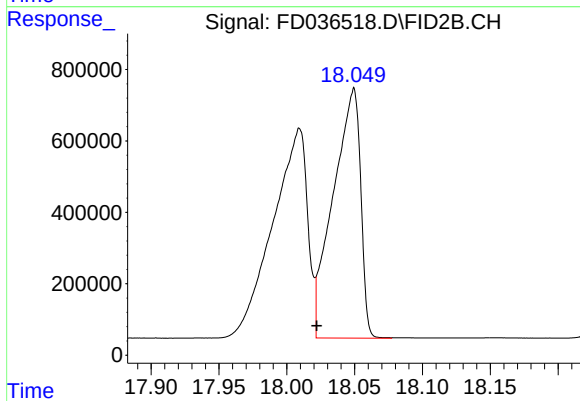
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.645 min
Delta R.T.: 0.024 min
Response: 10193890
Conc: 102.10 ug/ml



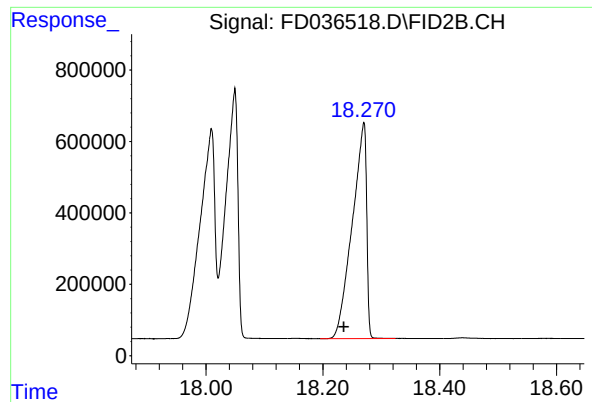
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.009 min
Delta R.T.: 0.029 min
Response: 10461982
Conc: 104.57 ug/ml



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

R.T.: 18.049 min
Delta R.T.: 0.027 min
Response: 9779067
Conc: 95.88 ug/ml m



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

R.T.: 18.270 min
Delta R.T.: 0.034 min
Response: 10260499
Conc: 100.85 ug/ml

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