

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021521AR\
 Data File : FD036198.D
 Signal(s) : FID2B.CH
 Acq On : 16 Feb 2021 00:10
 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
 2/16/2021 10:46:00 AM

Integration File: autoint1.e
 Quant Time: Feb 16 05:53:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 05:53:15 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...	7.616	12500926	101.081 ug/ml
Spiked Amount 50.000		Recovery =	202.16%
6) S 2-Fluorobiphenyl (SURR)	8.479	8918627	102.747 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	205.49%#
11) S ortho-Terphenyl (SURR)	11.522	14539926	98.554 ug/ml
Spiked Amount 50.000		Recovery =	197.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.413	13314861	99.141 ug/ml
2) T Naphthalene (C11.7)	5.953	14432589	99.832 ug/ml
3) T 2-Methylnaphthalene (...)	7.007	14541835	100.848 ug/ml
5) T Acenaphthylene (C15.06)	8.283	14132813	100.148 ug/ml
7) T Acenaphthene (C15.5)	8.581	14587853	100.233 ug/ml
8) T Fluorene (C16.55)	9.361	14363788	100.762 ug/ml
9) T Phenanthrene (C19.36)	10.757	14410943	100.263 ug/ml
10) T Anthracene (C19.43)	10.834	14124778	100.202 ug/ml
12) T Fluoranthene (C21.85)	12.570	14478004	98.430 ug/ml
13) T Pyrene (C20.8)	12.868	14335880	98.187 ug/ml
14) T Benzo[a]anthracene (C...	14.736	13408483	98.053 ug/ml
15) T Chrysene (C27.41)	14.786	13728870	97.753 ug/mlm
16) T benzo[b]fluoranthene ...	16.286	13252748	97.165 ug/ml
17) T Bnezo[k]fluoranthene ...	16.328	12596801	94.673 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.668	12051424	96.076 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.032	12358463	98.025 ug/ml
20) T Dibenz[a,h]anthracene...	18.074	11590741	90.575 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.294	11962785	94.485 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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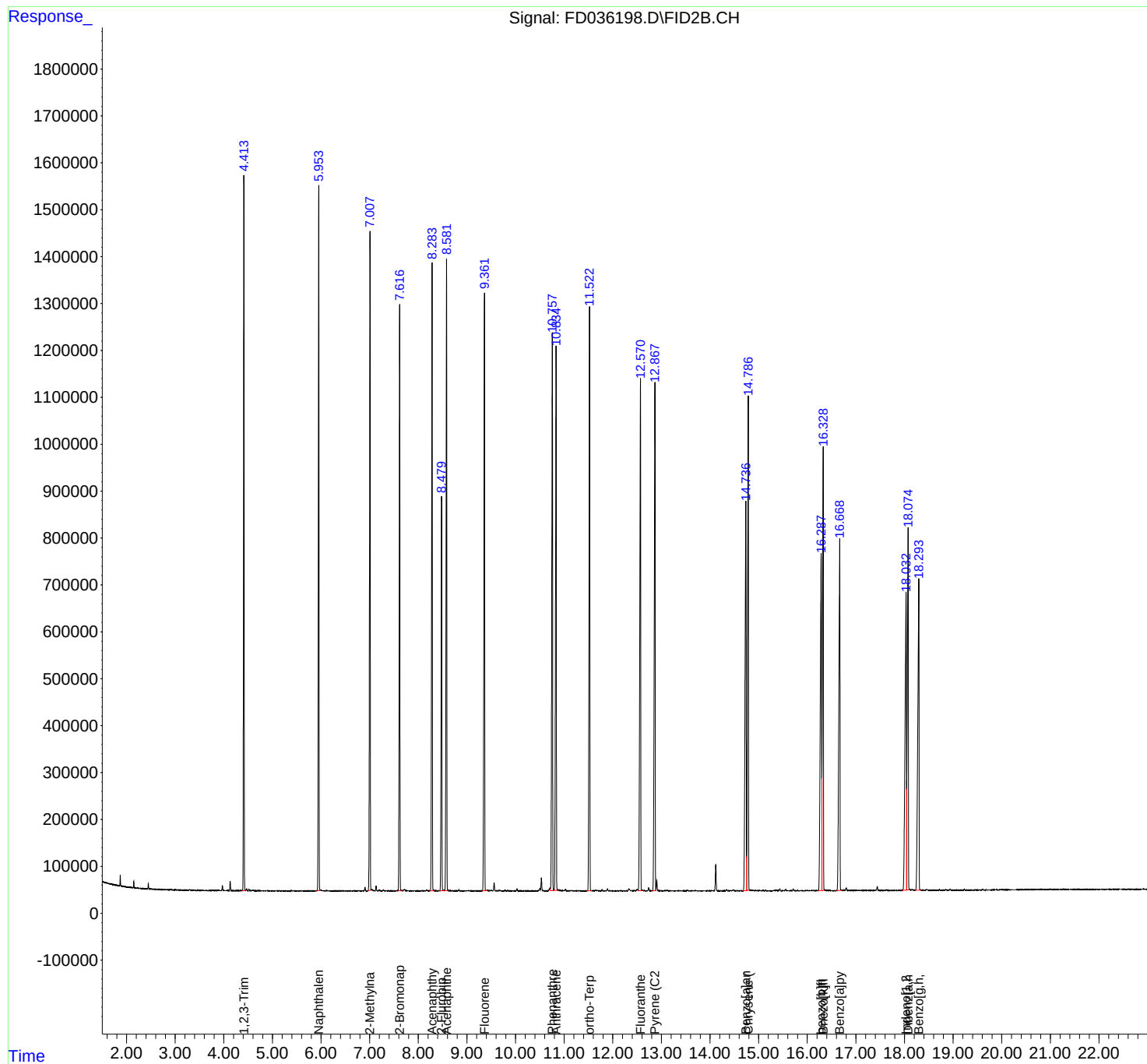
Instrument :
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100 PPM AROMATIC HC STD1

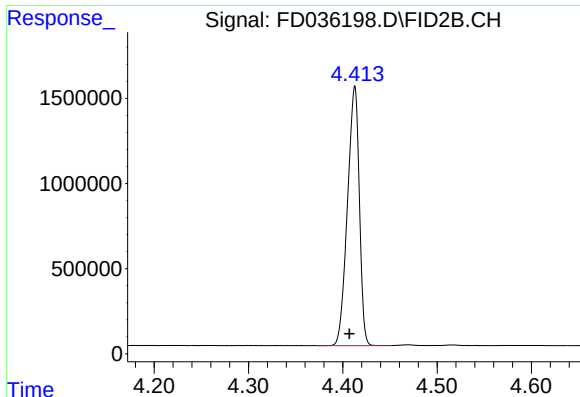
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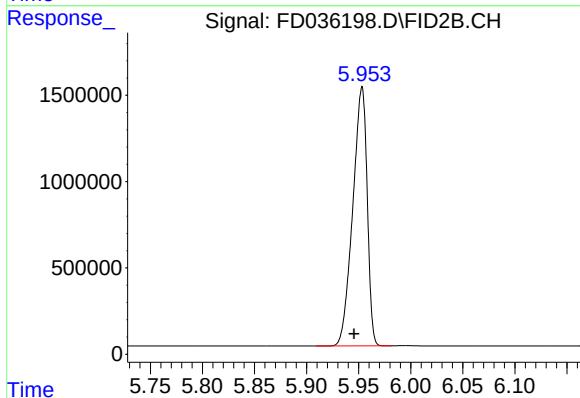
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.413 min
Delta R.T.: 0.006 min
Response: 13314861
Conc: 99.14 ug/ml

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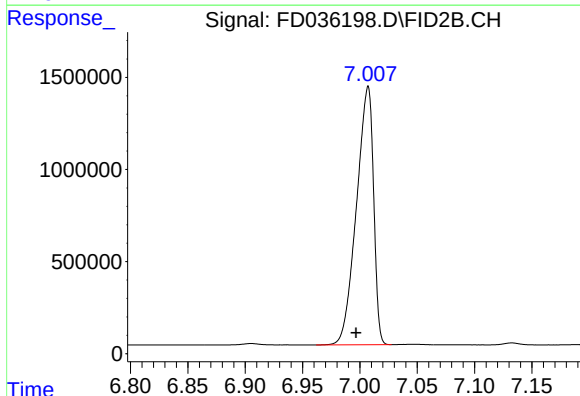
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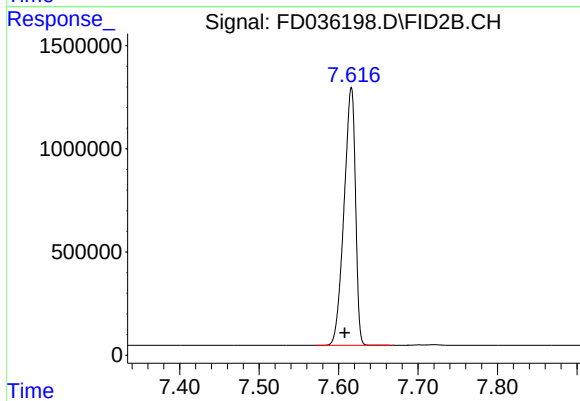
#2 Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: 0.008 min
Response: 14432589
Conc: 99.83 ug/ml



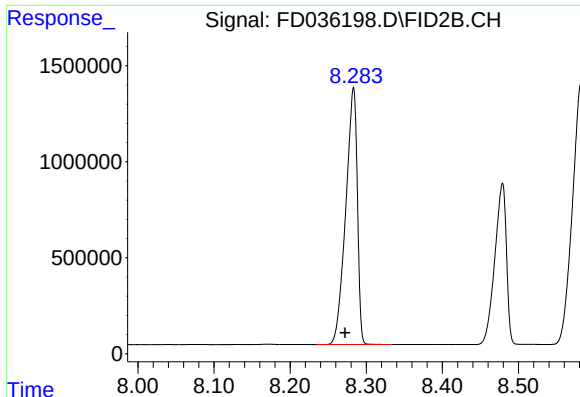
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.007 min
Delta R.T.: 0.011 min
Response: 14541835
Conc: 100.85 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.616 min
Delta R.T.: 0.008 min
Response: 12500926
Conc: 101.08 ug/ml



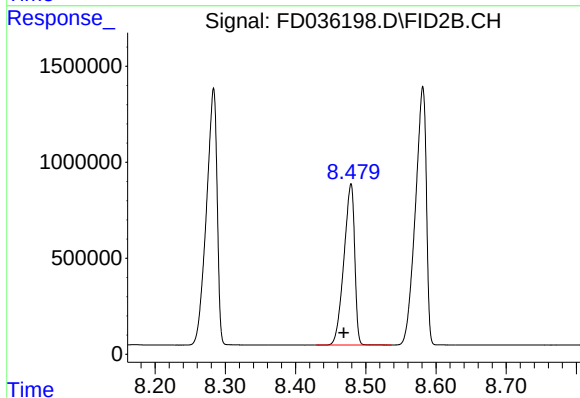
#5 Acenaphthylene (C15.06)

R.T.: 8.283 min
Delta R.T.: 0.011 min
Response: 14132813
Conc: 100.15 ug/ml

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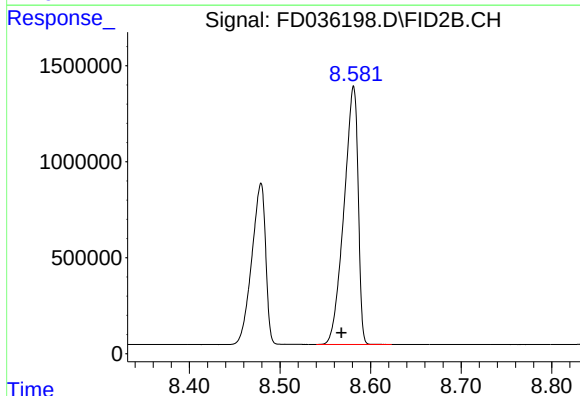
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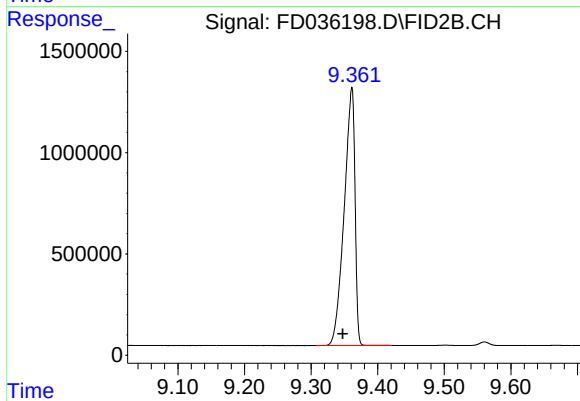
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.479 min
Delta R.T.: 0.011 min
Response: 8918627
Conc: 102.75 ug/ml



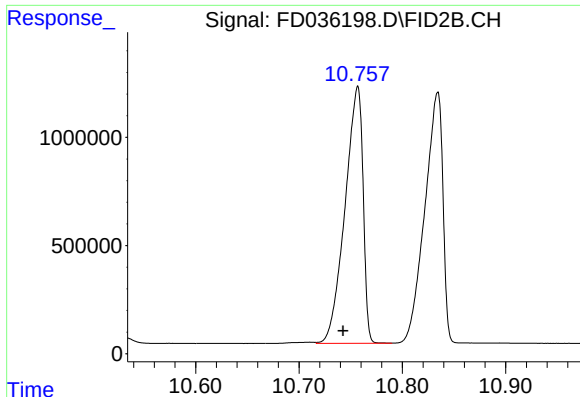
#7 Acenaphthene (C15.5)

R.T.: 8.581 min
Delta R.T.: 0.013 min
Response: 14587853
Conc: 100.23 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.361 min
Delta R.T.: 0.014 min
Response: 14363788
Conc: 100.76 ug/ml



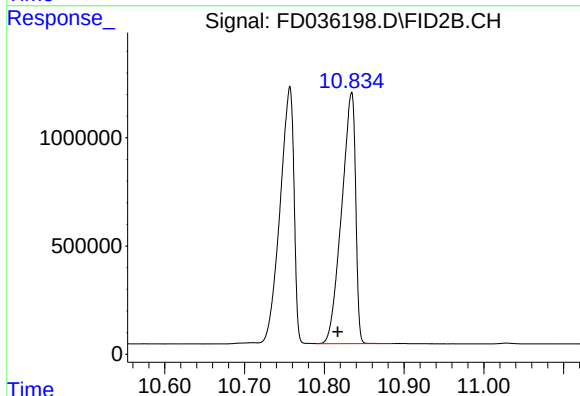
#9 Phenanthrene (C19.36)

R.T.: 10.757 min
Delta R.T.: 0.014 min
Response: 14410943
Conc: 100.26 ug/ml

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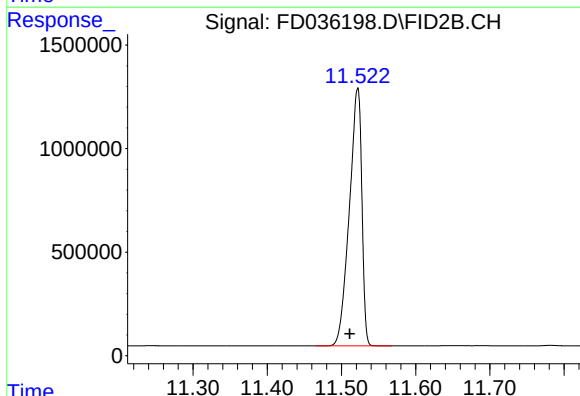
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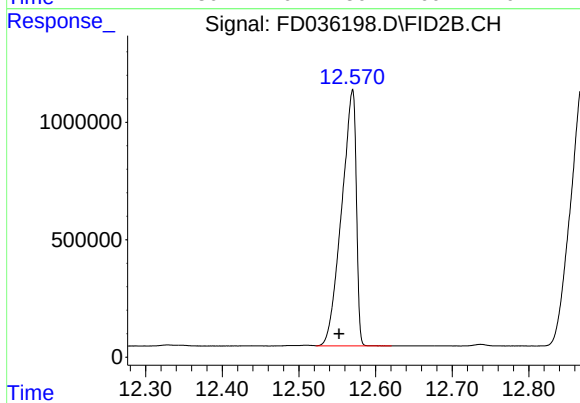
#10 Anthracene (C19.43)

R.T.: 10.834 min
Delta R.T.: 0.017 min
Response: 14124778
Conc: 100.20 ug/ml



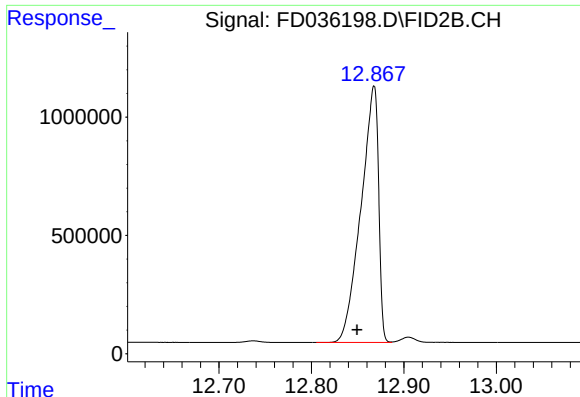
#11 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: 0.011 min
Response: 14539926
Conc: 98.55 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.570 min
Delta R.T.: 0.017 min
Response: 14478004
Conc: 98.43 ug/ml



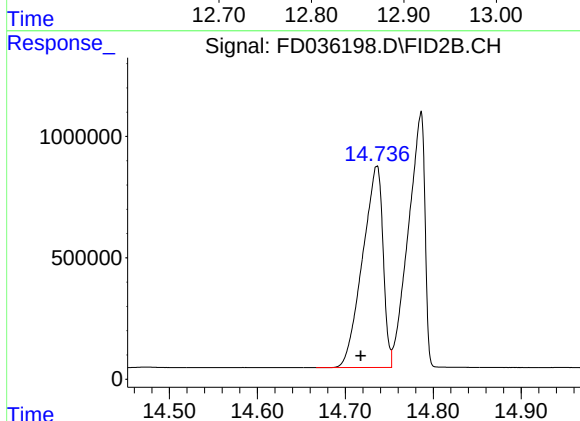
#13 Pyrene (C20.8)

R.T.: 12.868 min
Delta R.T.: 0.018 min
Response: 14335880
Conc: 98.19 ug/ml

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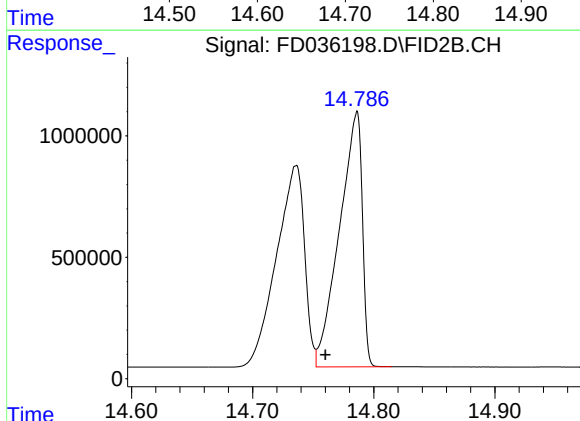
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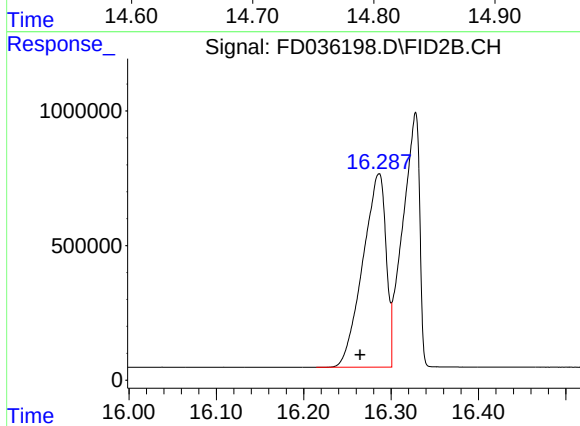
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.736 min
Delta R.T.: 0.018 min
Response: 13408483
Conc: 98.05 ug/ml



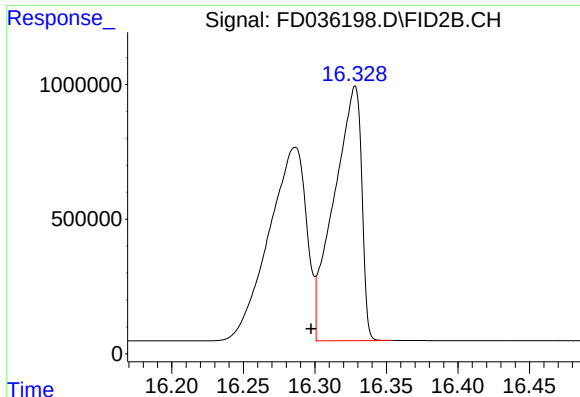
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: 0.026 min
Response: 13728870
Conc: 97.75 ug/ml m



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

R.T.: 16.286 min
Delta R.T.: 0.022 min
Response: 13252748
Conc: 97.16 ug/ml



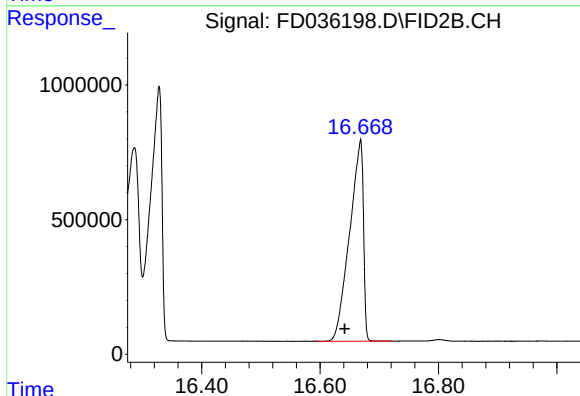
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.328 min
Delta R.T.: 0.031 min
Response: 12596801
Conc: 94.67 ug/ml m

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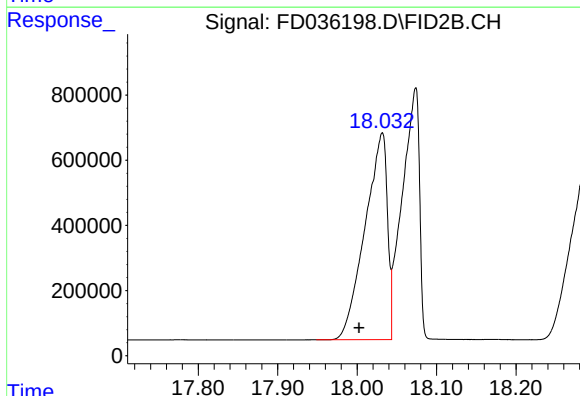
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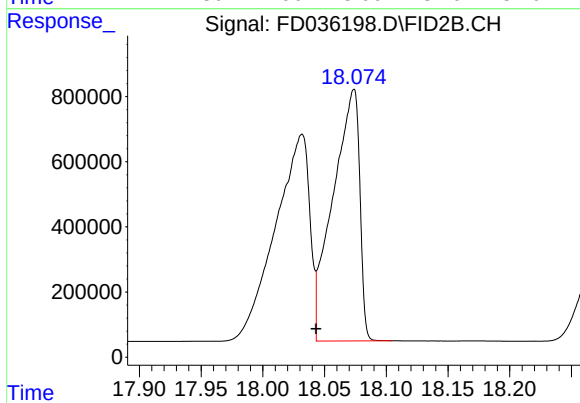
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.668 min
Delta R.T.: 0.027 min
Response: 12051424
Conc: 96.08 ug/ml



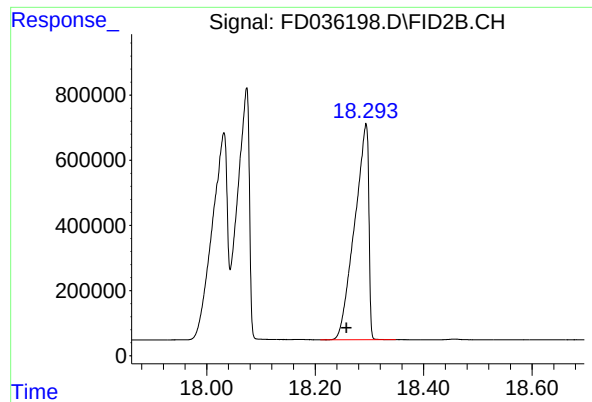
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.032 min
Delta R.T.: 0.029 min
Response: 12358463
Conc: 98.02 ug/ml



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

R.T.: 18.074 min
Delta R.T.: 0.031 min
Response: 11590741
Conc: 90.57 ug/ml m



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

R.T.: 18.294 min
Delta R.T.: 0.036 min
Response: 11962785
Conc: 94.49 ug/ml

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