

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121620AR\
 Data File : FD035785.D
 Signal(s) : FID2B.CH
 Acq On : 16 Dec 2020 11:57
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Ankita
 12/17/2020 12:10:53 PM

Integration File: autoint1.e
 Quant Time: Dec 17 06:41:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 09:48:30 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...	7.591	2235788	17.543 ug/ml
Spiked Amount 50.000		Recovery =	35.09%
6) S 2-Fluorobiphenyl (SURR)	8.458	1408473	16.245 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	32.49%
11) S ortho-Terphenyl (SURR)	11.488	2492831	16.844 ug/ml
Spiked Amount 50.000		Recovery =	33.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.392	2652835	18.319 ug/ml
2) T Naphthalene (C11.7)	5.931	2637241	17.535 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	2537284	16.815 ug/ml
5) T Acenaphthylene (C15.06)	8.256	2473890	16.901 ug/ml
7) T Acenaphthene (C15.5)	8.551	2638125	17.426 ug/ml
8) T Fluorene (C16.55)	9.333	2396792	16.698 ug/ml
9) T Phenanthrene (C19.36)	10.730	2280932	16.040 ug/ml
10) T Anthracene (C19.43)	10.807	2303985	16.105 ug/ml
12) T Fluoranthene (C21.85)	12.543	2232932	16.015 ug/ml
13) T Pyrene (C20.8)	12.840	2217805	16.376 ug/ml
14) T Benzo[a]anthracene (C...	14.712	2026268	17.424 ug/mlm
15) T Chrysene (C27.41)	14.756	2304315	18.026 ug/ml
16) T benzo[b]fluoranthene ...	16.267	2164326	20.009 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.297	2198145	19.809 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.648	2074493	21.038 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.018	2032639	21.014 ug/mlm
20) T Dibenz[a,h]anthracene...	18.050	2275567	22.058 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.271	2202150	22.239 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 53 Sample Multiplier: 1

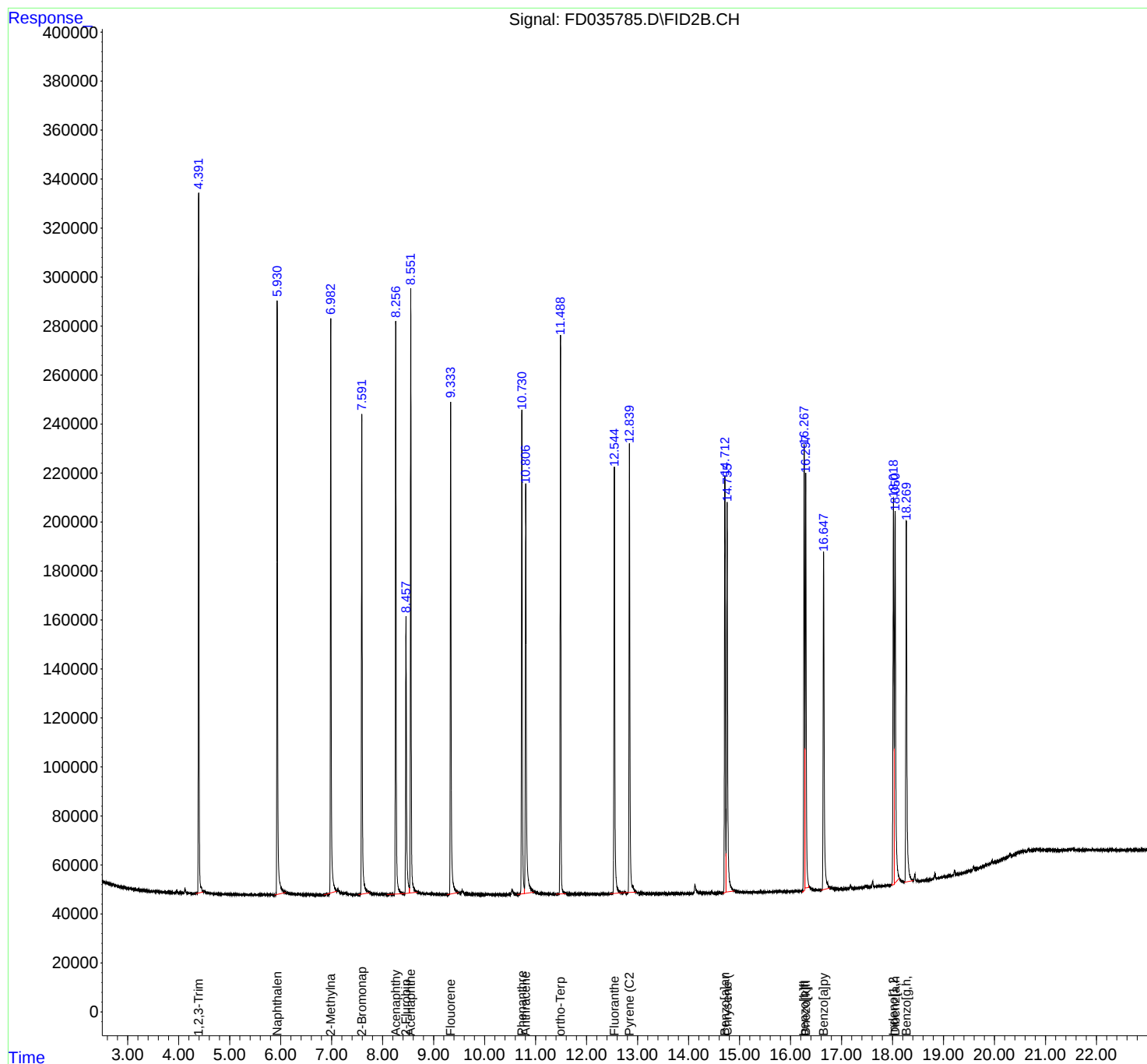
Instrument :
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20 PPM AROMATIC HC STD

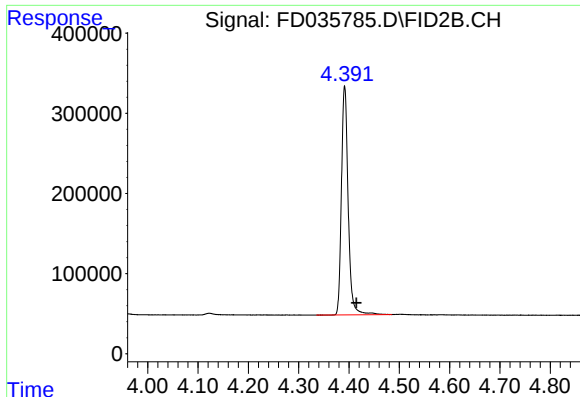
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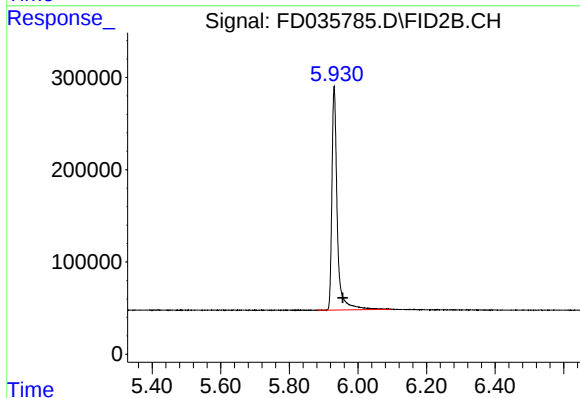
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.392 min
Delta R.T.: -0.023 min
Response: 2652835
Conc: 18.32 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD

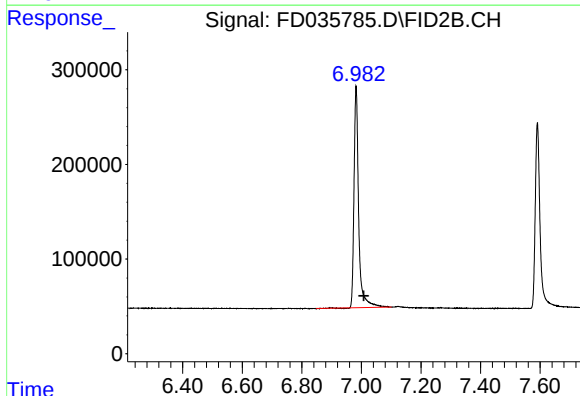
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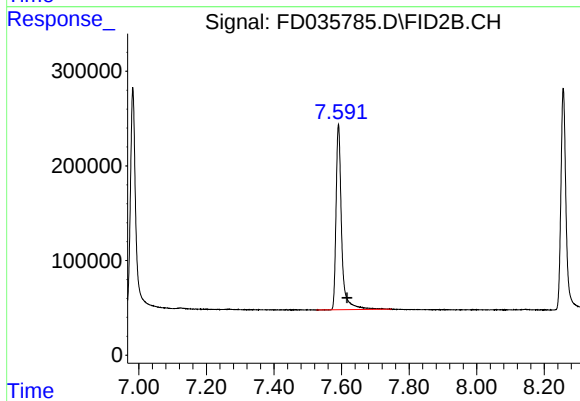
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: -0.025 min
Response: 2637241
Conc: 17.53 ug/ml



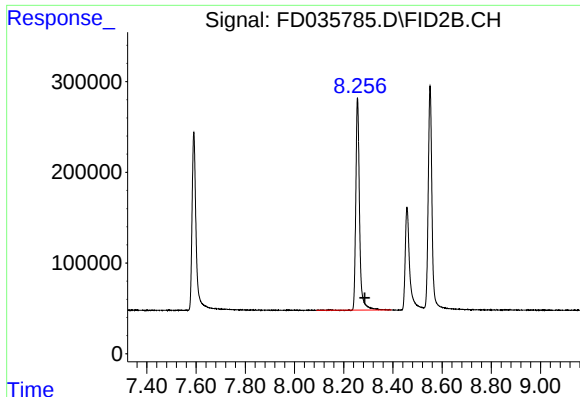
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: -0.026 min
Response: 2537284
Conc: 16.81 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.591 min
Delta R.T.: -0.025 min
Response: 2235788
Conc: 17.54 ug/ml



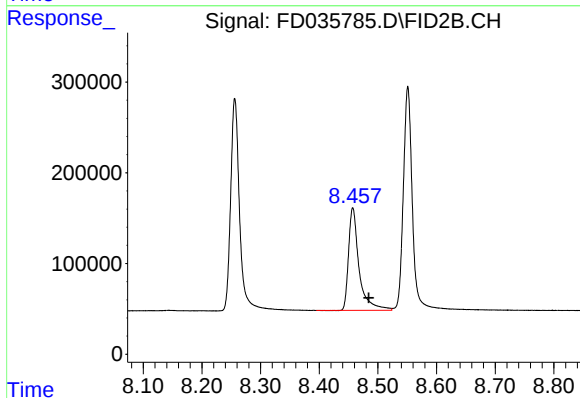
#5 Acenaphthylene (C15.06)

R.T.: 8.256 min
Delta R.T.: -0.029 min
Response: 2473890
Conc: 16.90 ug/ml

Instrument :
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20 PPM AROMATIC HC STD

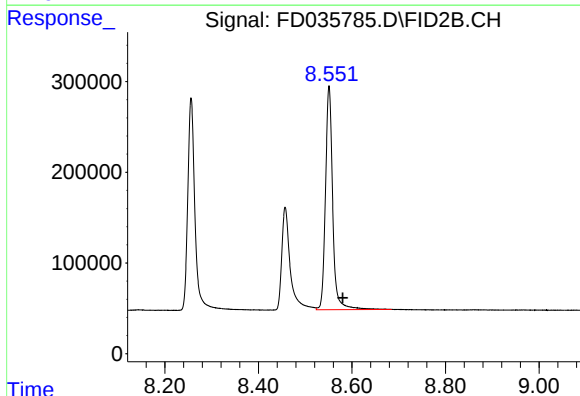
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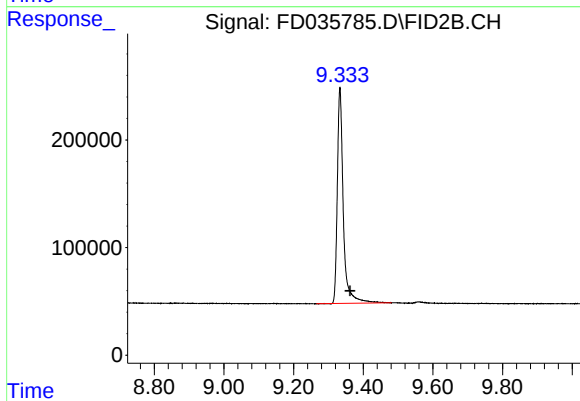
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.458 min
Delta R.T.: -0.027 min
Response: 1408473
Conc: 16.24 ug/ml



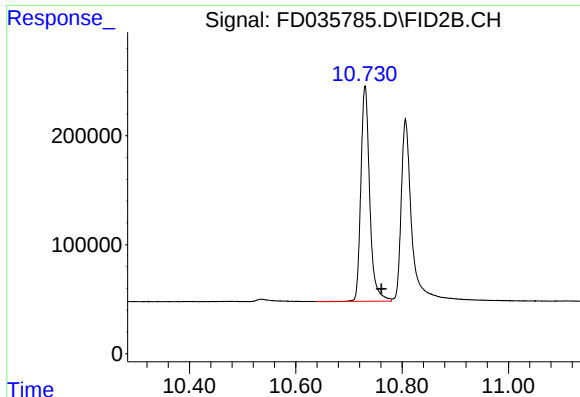
#7 Acenaphthene (C15.5)

R.T.: 8.551 min
Delta R.T.: -0.029 min
Response: 2638125
Conc: 17.43 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.333 min
Delta R.T.: -0.029 min
Response: 2396792
Conc: 16.70 ug/ml



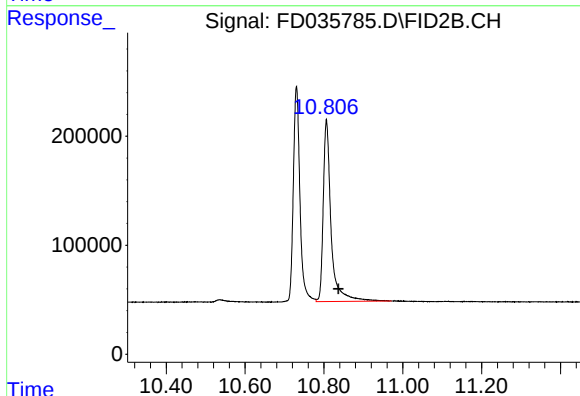
#9 Phenanthrene (C19.36)

R.T.: 10.730 min
Delta R.T.: -0.031 min
Response: 2280932
Conc: 16.04 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD

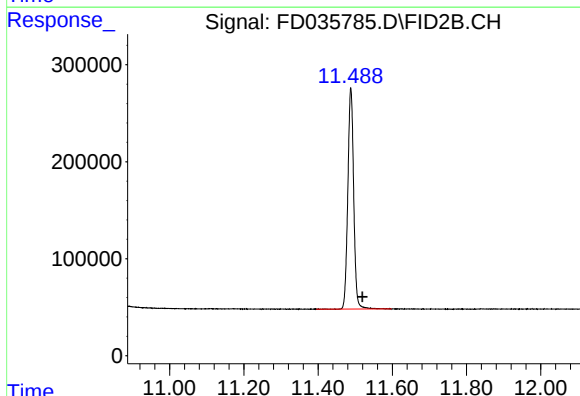
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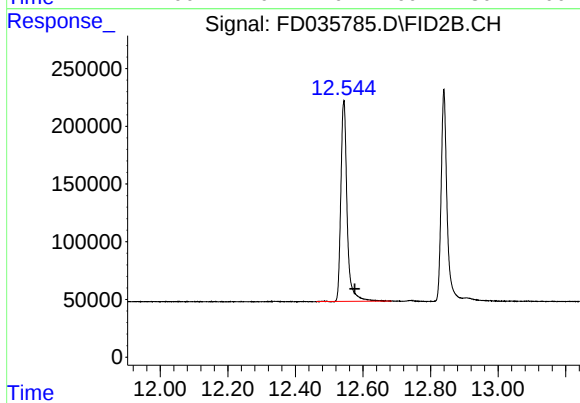
#10 Anthracene (C19.43)

R.T.: 10.807 min
Delta R.T.: -0.030 min
Response: 2303985
Conc: 16.10 ug/ml



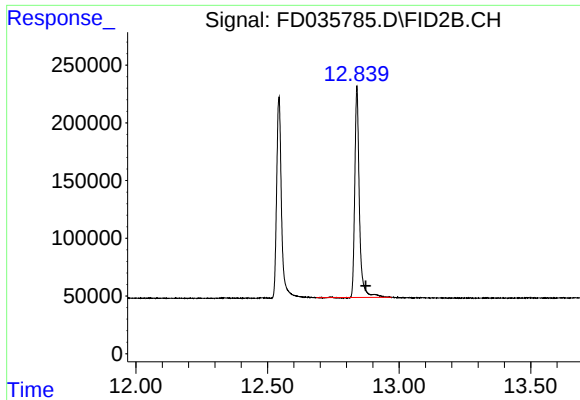
#11 ortho-Terphenyl (SURR)

R.T.: 11.488 min
Delta R.T.: -0.031 min
Response: 2492831
Conc: 16.84 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.543 min
Delta R.T.: -0.032 min
Response: 2232932
Conc: 16.02 ug/ml



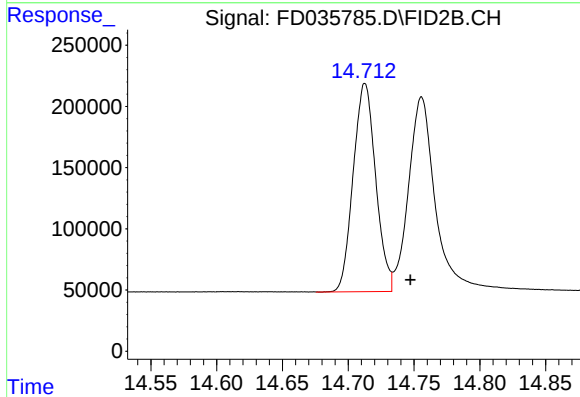
#13 Pyrene (C20.8)

R.T.: 12.840 min
Delta R.T.: -0.034 min
Response: 2217805
Conc: 16.38 ug/ml

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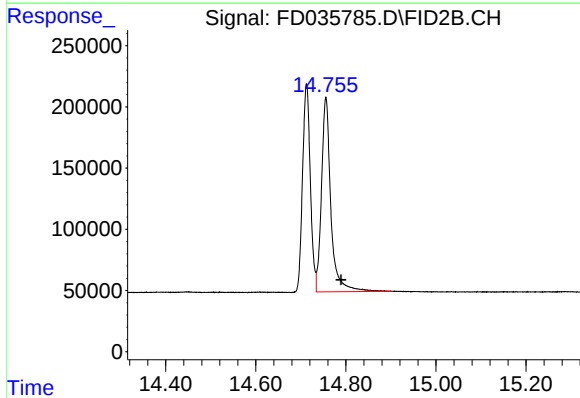
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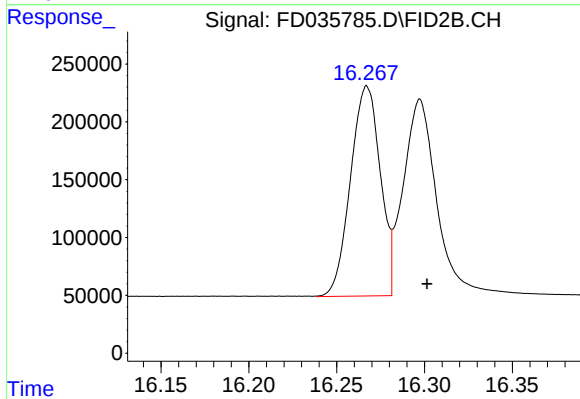
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.712 min
Delta R.T.: -0.035 min
Response: 2026268
Conc: 17.42 ug/ml m



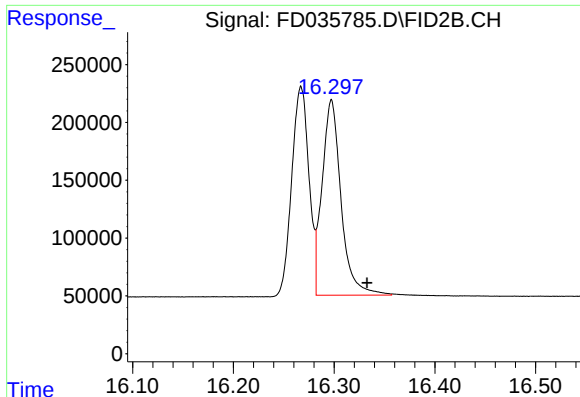
#15 Chrysene (C27.41)

R.T.: 14.756 min
Delta R.T.: -0.033 min
Response: 2304315
Conc: 18.03 ug/ml



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

R.T.: 16.267 min
Delta R.T.: -0.035 min
Response: 2164326
Conc: 20.01 ug/ml m



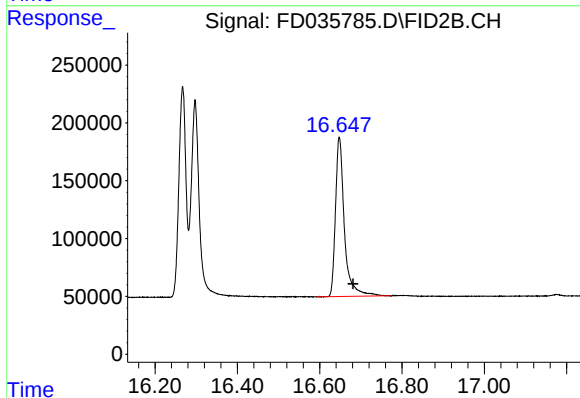
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.297 min
Delta R.T.: -0.036 min
Response: 2198145
Conc: 19.81 ug/ml m

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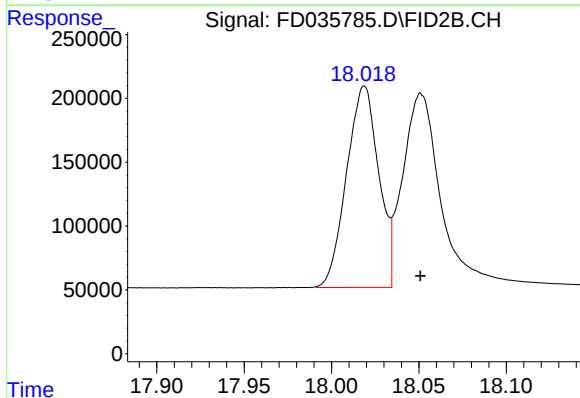
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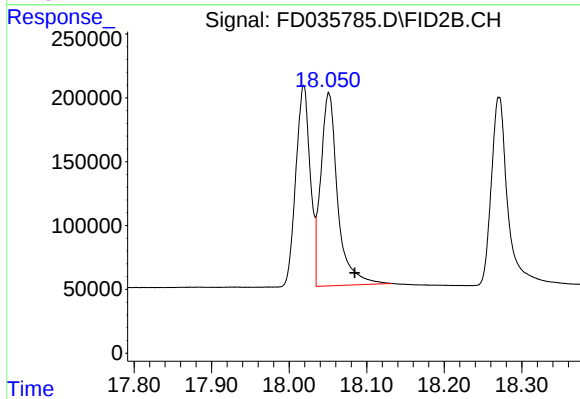
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.648 min
Delta R.T.: -0.034 min
Response: 2074493
Conc: 21.04 ug/ml



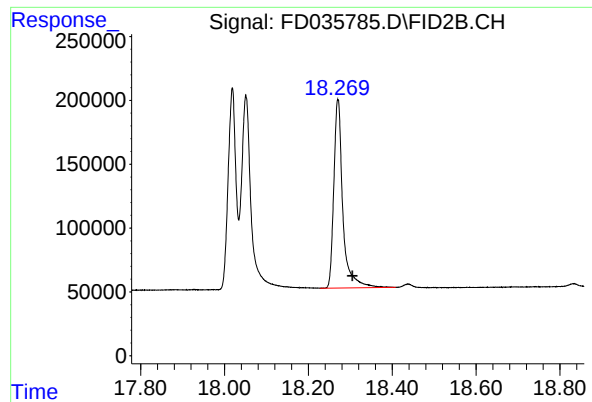
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.018 min
Delta R.T.: -0.033 min
Response: 2032639
Conc: 21.01 ug/ml m



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

R.T.: 18.050 min
Delta R.T.: -0.034 min
Response: 2275567
Conc: 22.06 ug/ml m



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

R.T.: 18.271 min
Delta R.T.: -0.035 min
Response: 2202150
Conc: 22.24 ug/ml

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