

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051520AR\
 Data File : FD033520.D
 Signal(s) : FID2B.CH
 Acq On : 15 May 2020 14:02
 Operator : DD\AJ
 Sample : L2636-02MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 AST-2MS

Manual Integrations
 APPROVED

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 5/18/2020 3:41:54 PM

Integration File: autoint1.e
 Quant Time: May 16 04:13:49 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 06:50:42 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...	7.582	7631713	69.395 ug/ml
Spiked Amount 50.000		Recovery =	138.79%
6) S 2-Fluorobiphenyl (SURR)	8.443	5171998	69.653 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	139.31%#
11) S ortho-Terphenyl (SURR)	11.476	7866610	60.961 ug/ml
Spiked Amount 50.000		Recovery =	121.92%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.390	6397522	56.216 ug/ml
2) T Naphthalene (C11.7)	5.923	7249787	61.510 ug/ml
3) T 2-Methylnaphthalene (...)	6.973	7591526	63.747 ug/ml
5) T Acenaphthylene (C15.06)	8.246	7559860	62.627 ug/ml
7) T Acenaphthene (C15.5)	8.541	8161914	64.663 ug/ml
8) T Flouorene (C16.55)	9.321	8365740	68.311 ug/ml
9) T Phenanthrene (C19.36)	10.717	8940759	70.728 ug/ml
10) T Anthracene (C19.43)	10.794	9020752	74.140 ug/ml
12) T Fluoranthene (C21.85)	12.530	9213490	71.108 ug/ml
13) T Pyrene (C20.8)	12.827	9058852	70.123 ug/ml
14) T Benzo[a]anthracene (C...	14.699	8485321	69.461 ug/ml
15) T Chrysene (C27.41)	14.744	10149187	78.817 ug/ml
16) T benzo[b]fluoranthene ...	16.252	8666548	69.658 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.289	8711865	67.661 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.633	7681548	62.187 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.005	8280481	69.802 ug/mlm
20) T Dibenz[a,h]anthracene...	18.039	7927229	64.120 ug/ml
21) T Benzo[g,h,i]perylene ...	18.262	7931886	65.739 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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ALS Vial : 59 Sample Multiplier: 1

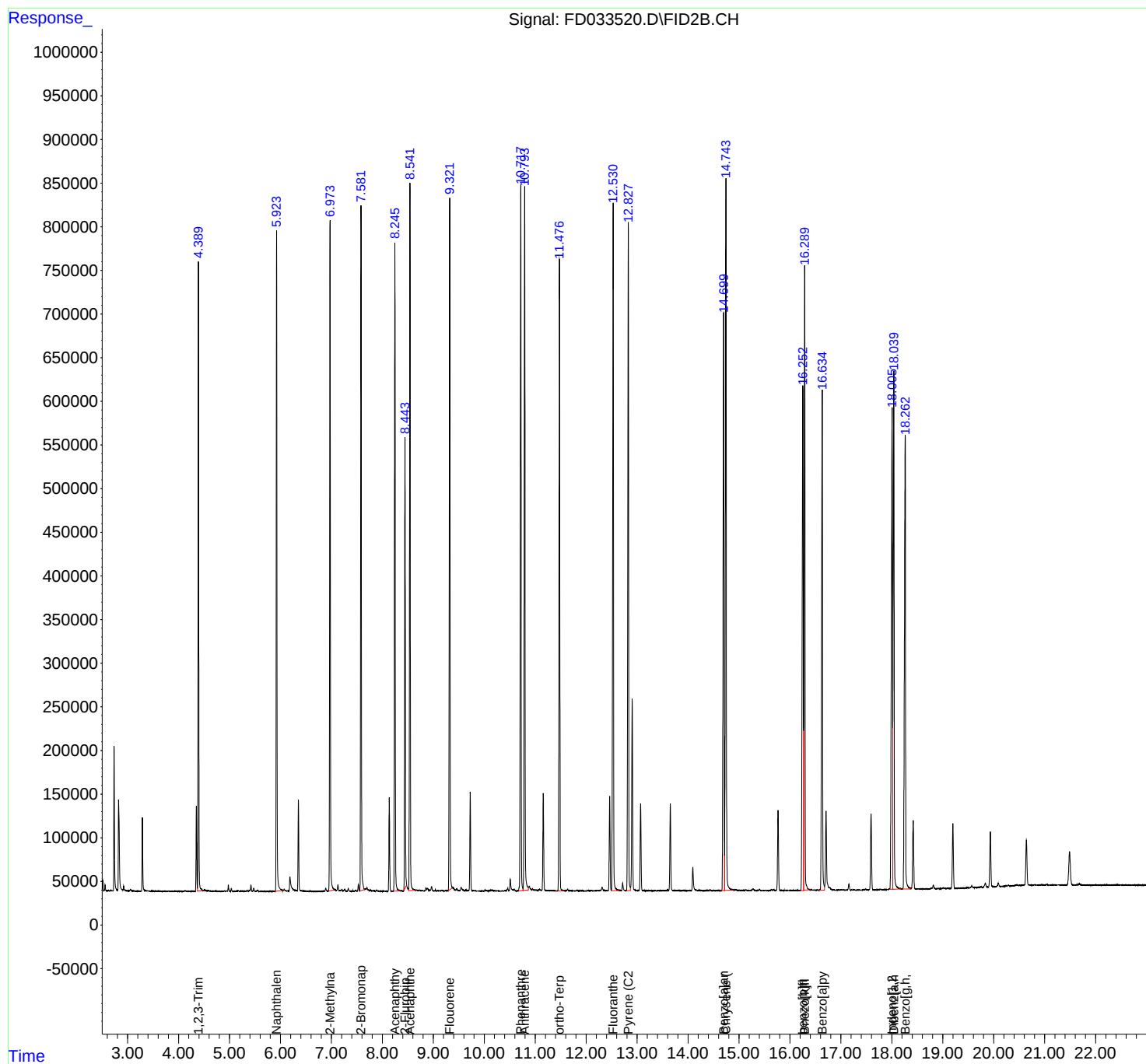
Instrument :
FID_D
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AST-2MS

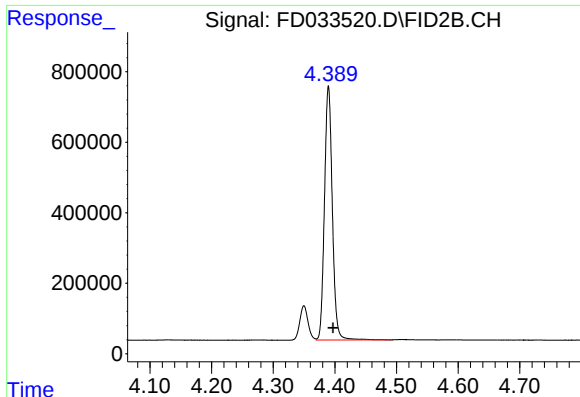
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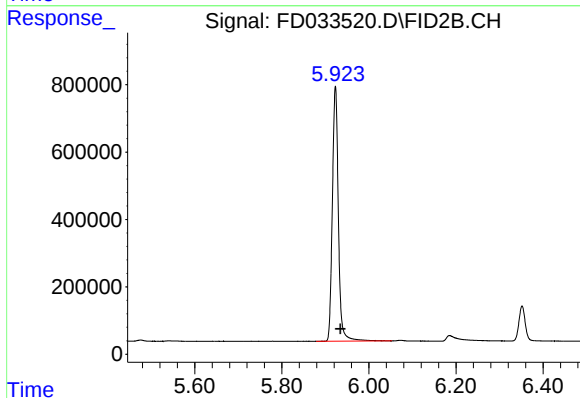
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.390 min
Delta R.T.: -0.007 min
Response: 6397522
Conc: 56.22 ug/ml

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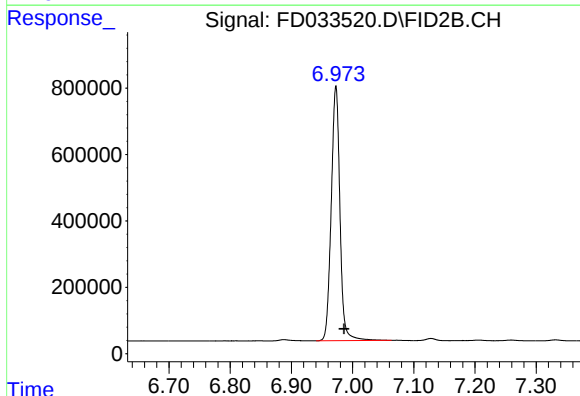
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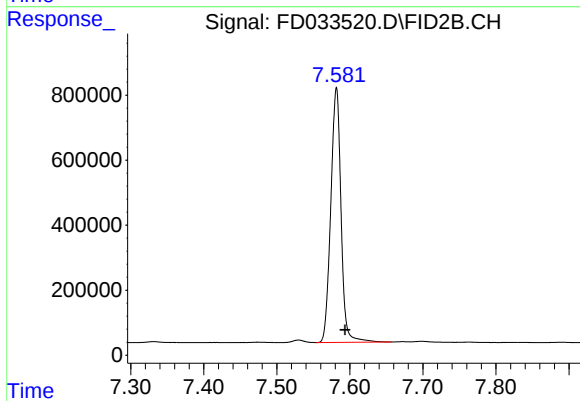
#2 Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.011 min
Response: 7249787
Conc: 61.51 ug/ml



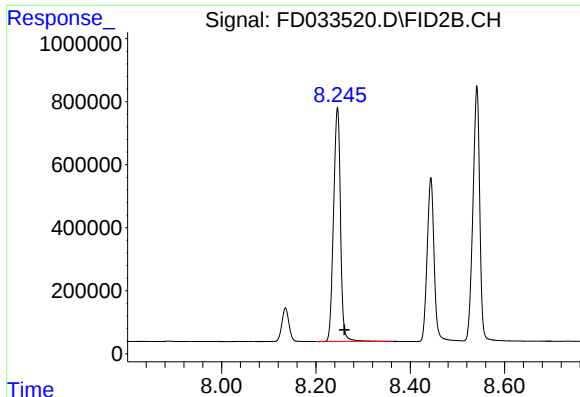
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.973 min
Delta R.T.: -0.013 min
Response: 7591526
Conc: 63.75 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.582 min
Delta R.T.: -0.012 min
Response: 7631713
Conc: 69.40 ug/ml



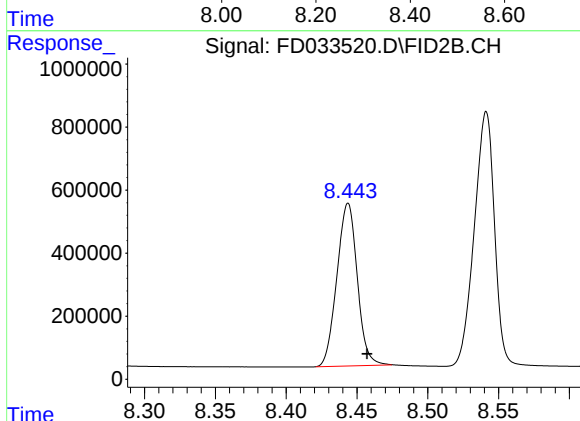
#5 Acenaphthylene (C15.06)

R.T.: 8.246 min
Delta R.T.: -0.015 min
Response: 7559860
Conc: 62.63 ug/ml

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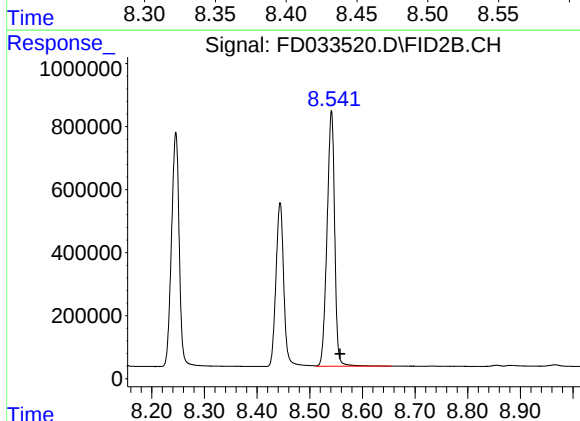
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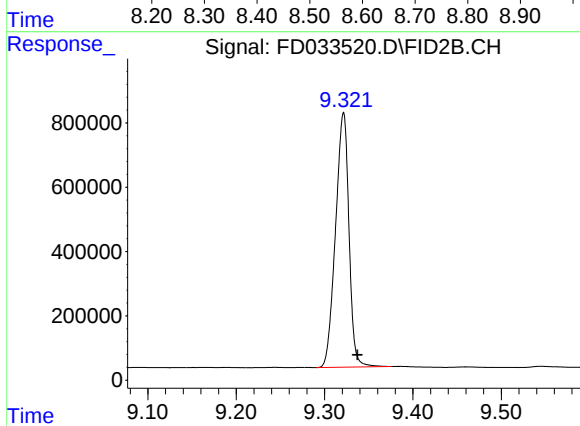
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.443 min
Delta R.T.: -0.014 min
Response: 5171998
Conc: 69.65 ug/ml m



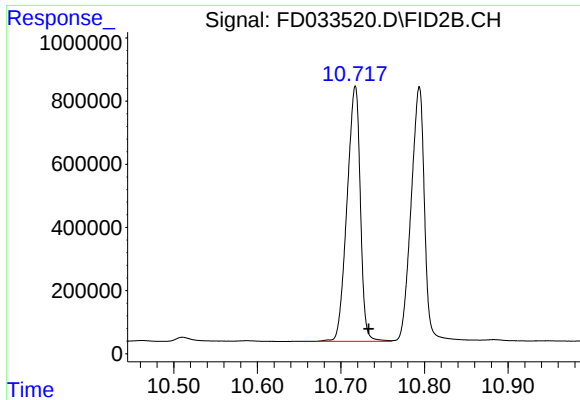
#7 Acenaphthene (C15.5)

R.T.: 8.541 min
Delta R.T.: -0.016 min
Response: 8161914
Conc: 64.66 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.321 min
Delta R.T.: -0.016 min
Response: 8365740
Conc: 68.31 ug/ml



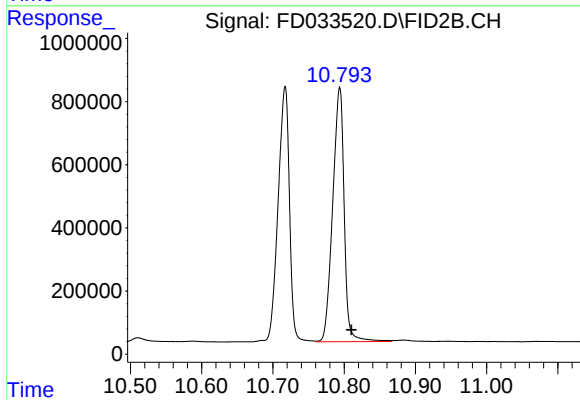
#9 Phenanthrene (C19.36)

R.T.: 10.717 min
Delta R.T.: -0.016 min
Response: 8940759
Conc: 70.73 ug/ml

Instrument :
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AST-2MS

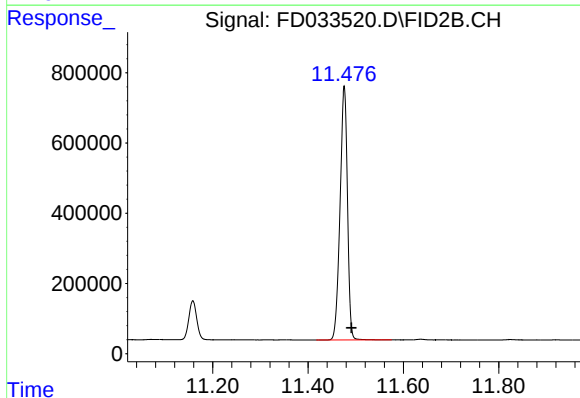
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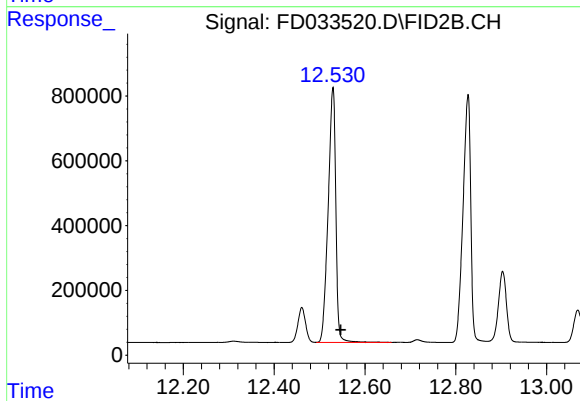
#10 Anthracene (C19.43)

R.T.: 10.794 min
Delta R.T.: -0.016 min
Response: 9020752
Conc: 74.14 ug/ml



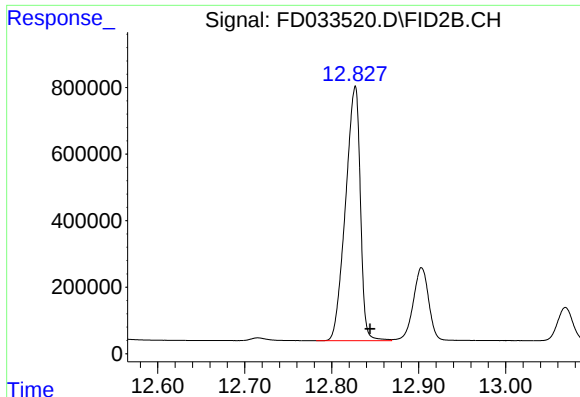
#11 ortho-Terphenyl (SURR)

R.T.: 11.476 min
Delta R.T.: -0.015 min
Response: 7866610
Conc: 60.96 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.530 min
Delta R.T.: -0.017 min
Response: 9213490
Conc: 71.11 ug/ml



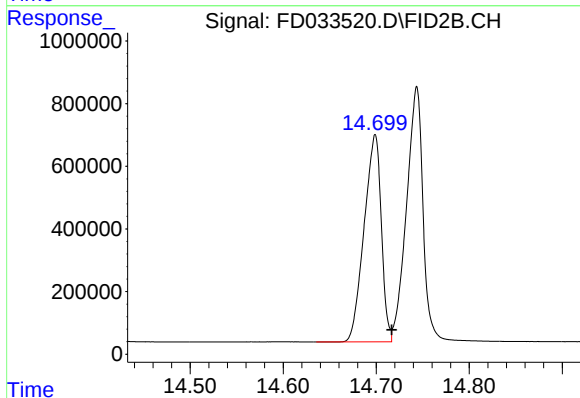
#13 Pyrene (C20.8)

R.T.: 12.827 min
Delta R.T.: -0.017 min
Response: 9058852
Conc: 70.12 ug/ml

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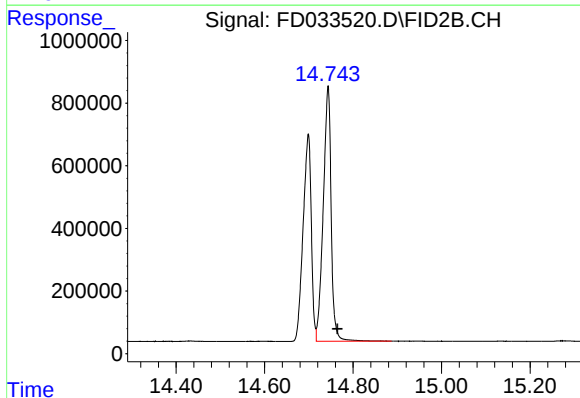
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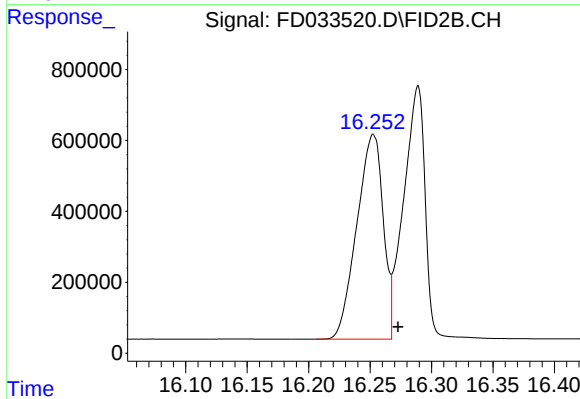
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.699 min
Delta R.T.: -0.018 min
Response: 8485321
Conc: 69.46 ug/ml



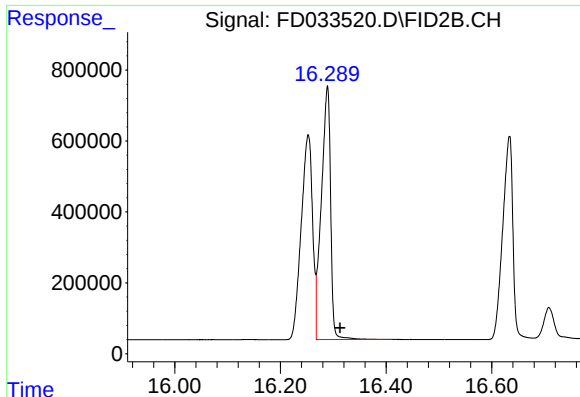
#15 Chrysene (C27.41)

R.T.: 14.744 min
Delta R.T.: -0.021 min
Response: 10149187
Conc: 78.82 ug/ml



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

R.T.: 16.252 min
Delta R.T.: -0.021 min
Response: 8666548
Conc: 69.66 ug/ml m



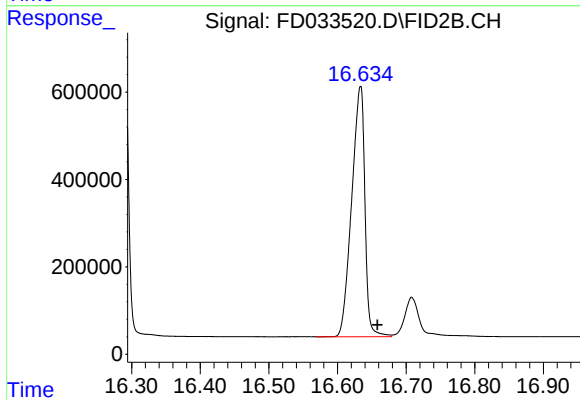
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.289 min
Delta R.T.: -0.024 min
Response: 8711865
Conc: 67.66 ug/ml

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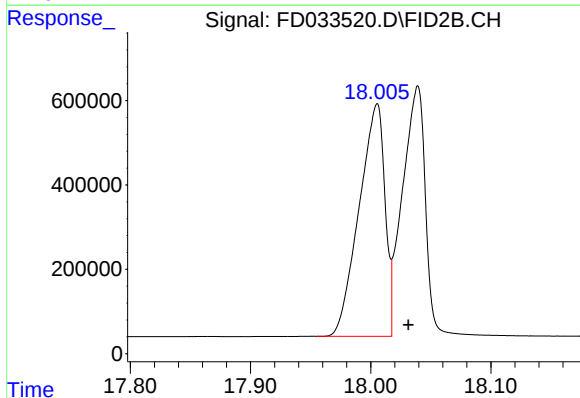
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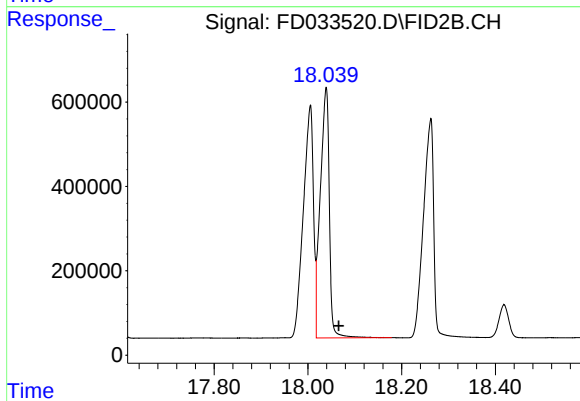
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.633 min
Delta R.T.: -0.025 min
Response: 7681548
Conc: 62.19 ug/ml



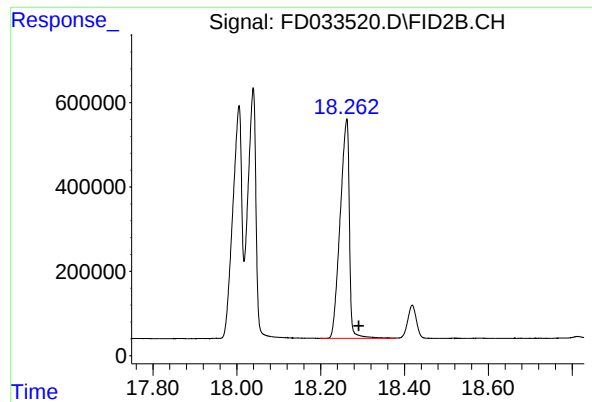
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.005 min
Delta R.T.: -0.026 min
Response: 8280481
Conc: 69.80 ug/ml m



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

R.T.: 18.039 min
Delta R.T.: -0.027 min
Response: 7927229
Conc: 64.12 ug/ml



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

R.T.: 18.262 min
Delta R.T.: -0.029 min
Response: 7931886
Conc: 65.74 ug/ml

Instrument :
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