

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022420AR\
 Data File : FD032396.D
 Signal(s) : FID2B.CH
 Acq On : 24 Feb 2020 13:44
 Operator : DD\AJ
 Sample : L1635-03MSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 DUNR-TS001-01MSD

Manual Integrations
 APPROVED

Sohil
 2/26/2020 9:18:42 AM

Integration File: autoint1.e
 Quant Time: Feb 25 01:10:35 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 11:53:53 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...	7.627	4626998	33.295 ug/ml
Spiked Amount 50.000		Recovery =	66.59%
6) S 2-Fluorobiphenyl (SURR)	8.487	1236074	13.034 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	26.07%
11) S ortho-Terphenyl (SURR)	11.525	3638338	24.529 ug/ml
Spiked Amount 50.000		Recovery =	49.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.428	2293147	15.834 ug/mlm
2) T Naphthalene (C11.7)	5.967	3137974	20.591 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	3661515	24.203 ug/ml
5) T Acenaphthylene (C15.06)	8.292	4433585	30.088 ug/ml
7) T Acenaphthene (C15.5)	8.588	4301532	28.485 ug/ml
8) T Flouorene (C16.55)	9.368	5114355	34.174 ug/ml
9) T Phenanthrene (C19.36)	10.763	5046821	33.369 ug/ml
10) T Anthracene (C19.43)	10.838	5019148	33.837 ug/ml
12) T Fluoranthene (C21.85)	12.574	5005139	33.238 ug/ml
13) T Pyrene (C20.8)	12.871	4755236	31.853 ug/ml
14) T Benzo[a]anthracene (C...	14.741	4519651	31.825 ug/ml
15) T Chrysene (C27.41)	14.785	4687458	32.791 ug/ml
16) T benzo[b]fluoranthene ...	16.292	4653745	33.582 ug/ml
17) T Bnezo[k]fluoranthene ...	16.327	4523802	32.777 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.672	4254029	31.223 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.038	4615565	35.683 ug/ml
20) T Dibenz[a,h]anthracene...	18.076	4393081	33.654 ug/ml
21) T Benzo[g,h,i]perylene ...	18.295	4384858	34.913 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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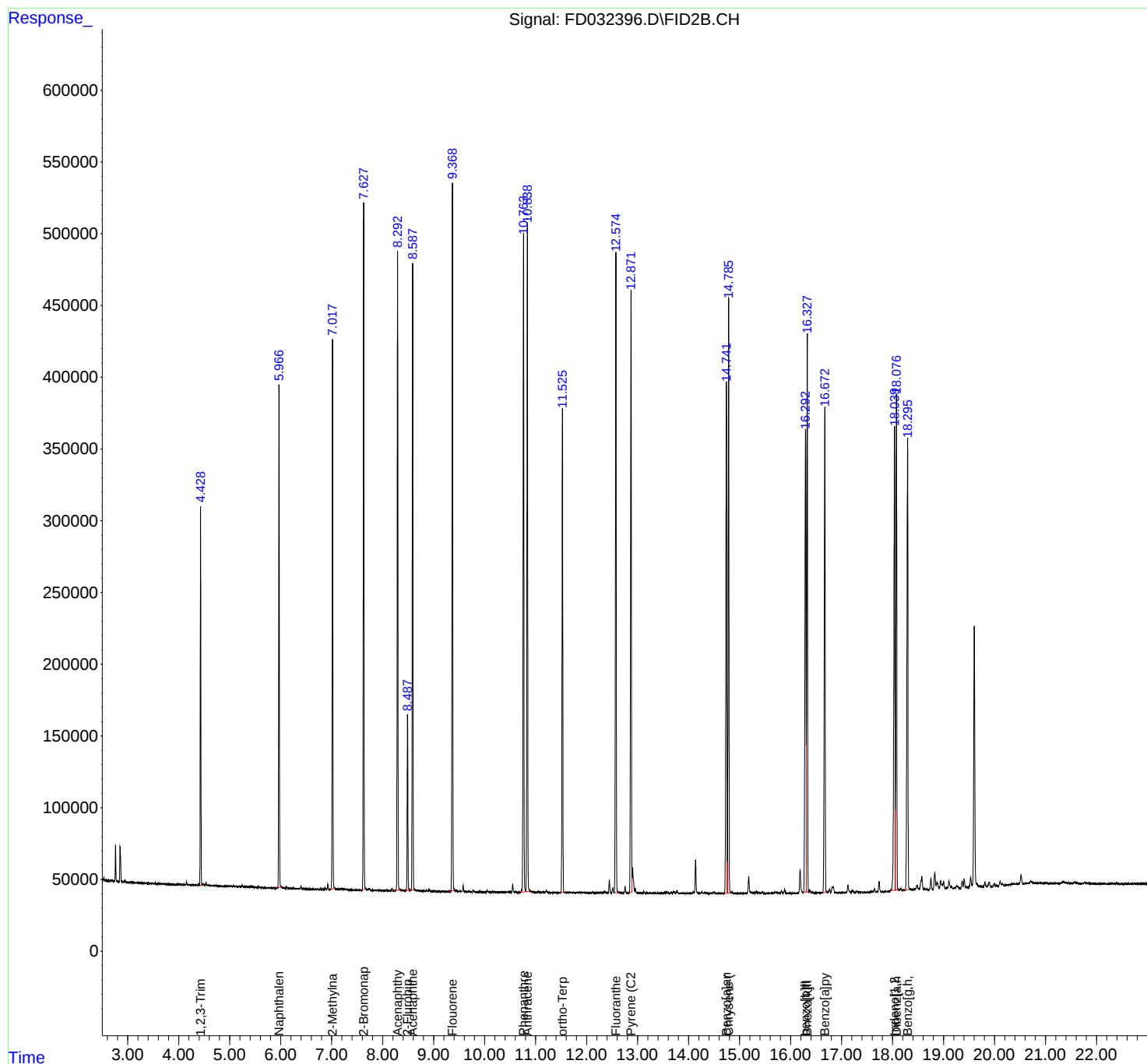
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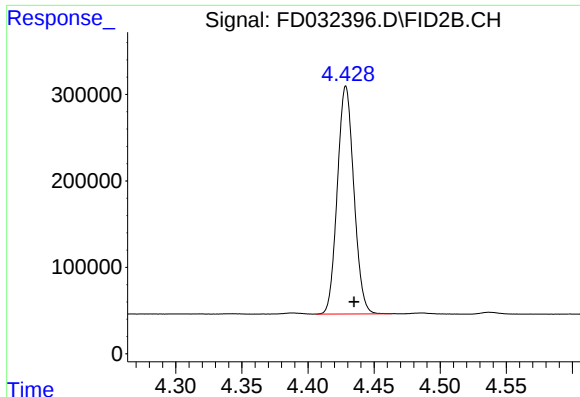
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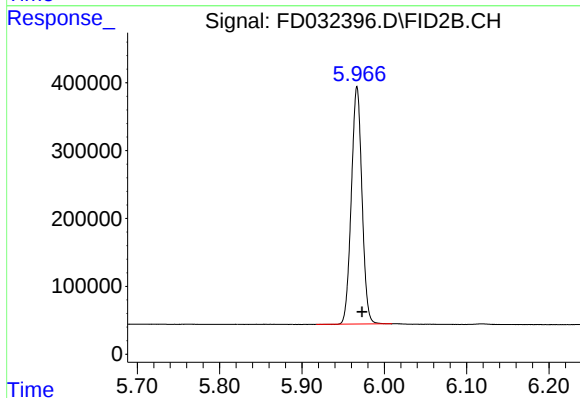
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.428 min
Delta R.T.: -0.007 min
Response: 2293147
Conc: 15.83 ug/ml m

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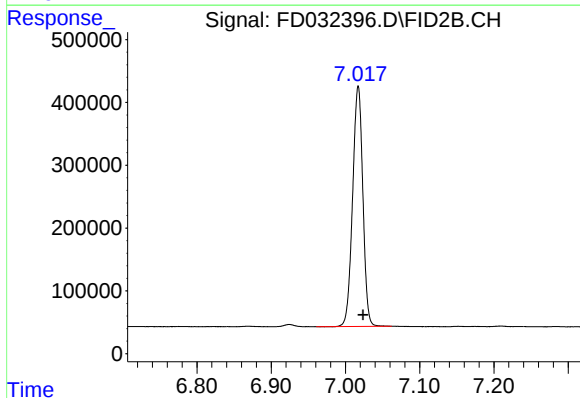
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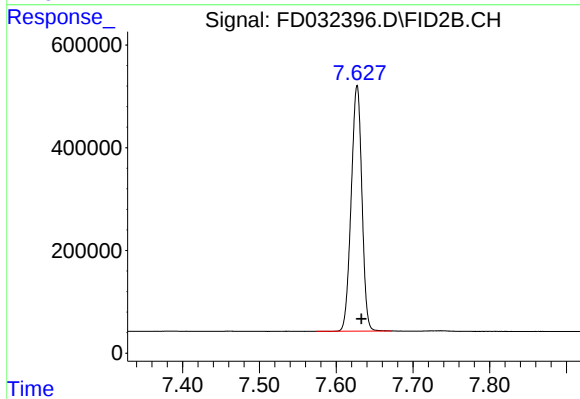
#2 Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.006 min
Response: 3137974
Conc: 20.59 ug/ml



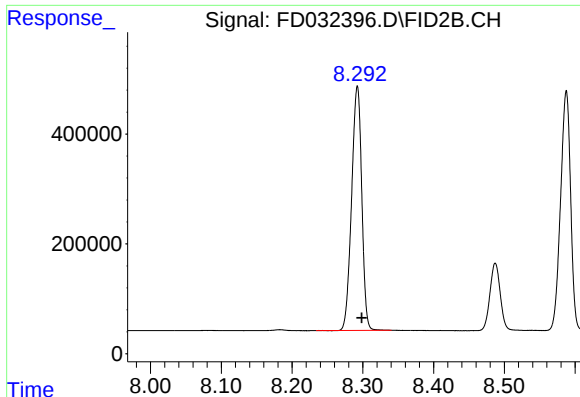
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.007 min
Response: 3661515
Conc: 24.20 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.627 min
Delta R.T.: -0.006 min
Response: 4626998
Conc: 33.30 ug/ml



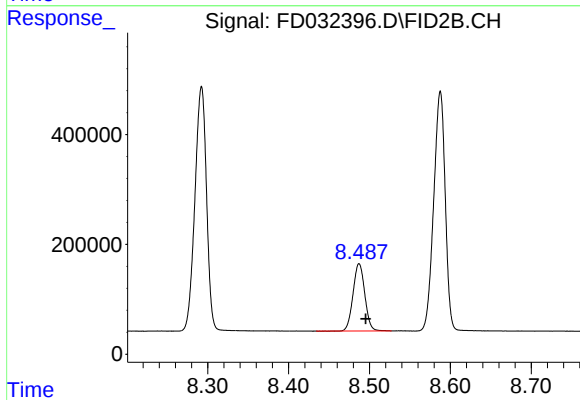
#5 Acenaphthylene (C15.06)

R.T.: 8.292 min
Delta R.T.: -0.006 min
Response: 4433585
Conc: 30.09 ug/ml

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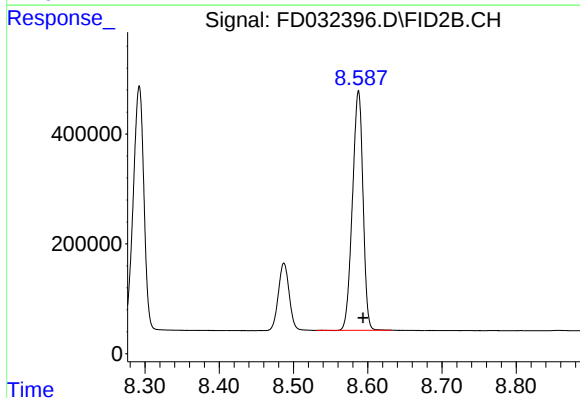
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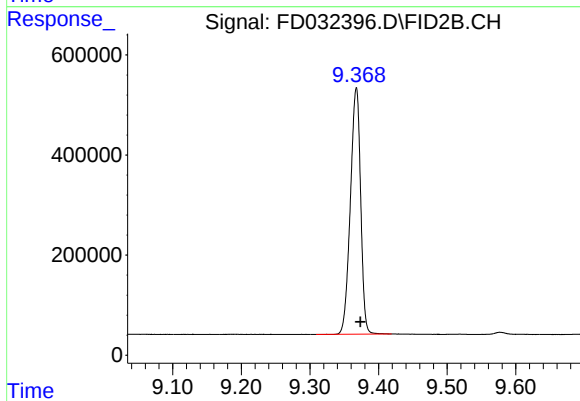
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.487 min
Delta R.T.: -0.008 min
Response: 1236074
Conc: 13.03 ug/ml



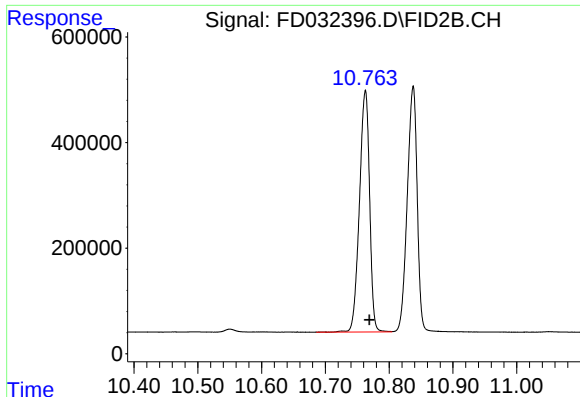
#7 Acenaphthene (C15.5)

R.T.: 8.588 min
Delta R.T.: -0.006 min
Response: 4301532
Conc: 28.48 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.368 min
Delta R.T.: -0.006 min
Response: 5114355
Conc: 34.17 ug/ml



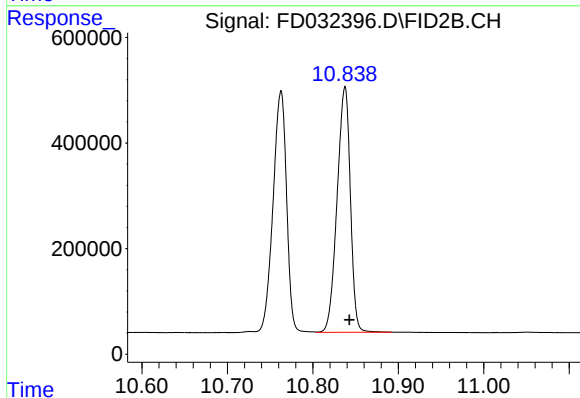
#9 Phenanthrene (C19.36)

R.T.: 10.763 min
Delta R.T.: -0.006 min
Response: 5046821
Conc: 33.37 ug/ml

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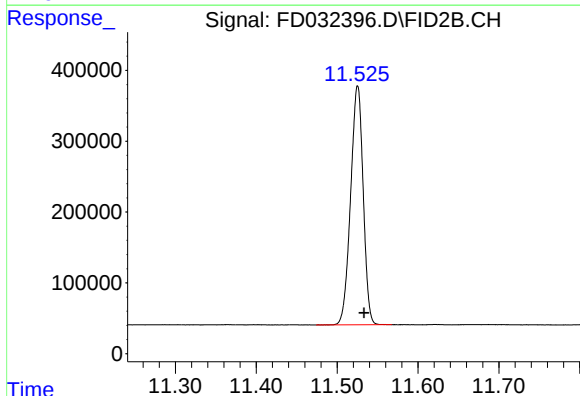
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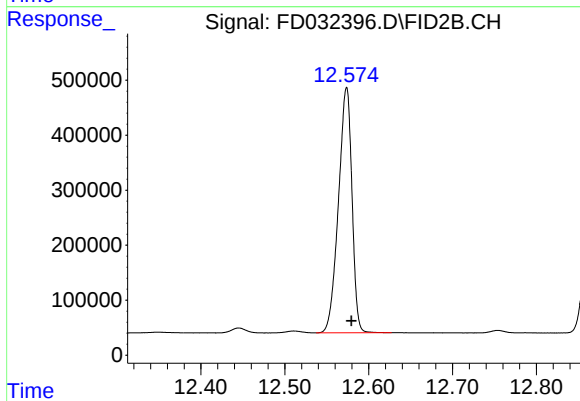
#10 Anthracene (C19.43)

R.T.: 10.838 min
Delta R.T.: -0.005 min
Response: 5019148
Conc: 33.84 ug/ml



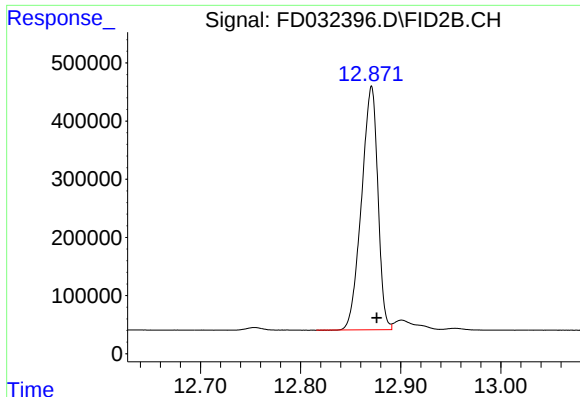
#11 ortho-Terphenyl (SURR)

R.T.: 11.525 min
Delta R.T.: -0.008 min
Response: 3638338
Conc: 24.53 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.574 min
Delta R.T.: -0.006 min
Response: 5005139
Conc: 33.24 ug/ml



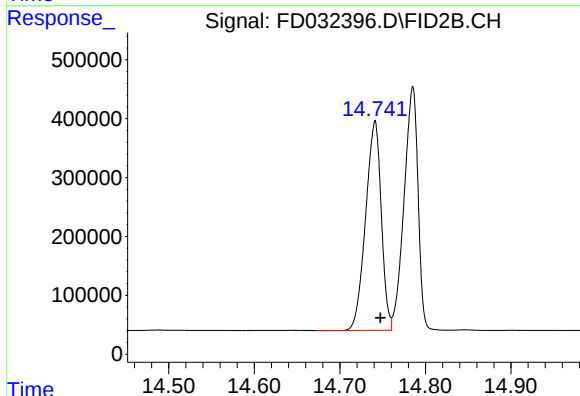
#13 Pyrene (C20.8)

R.T.: 12.871 min
Delta R.T.: -0.005 min
Response: 4755236
Conc: 31.85 ug/ml

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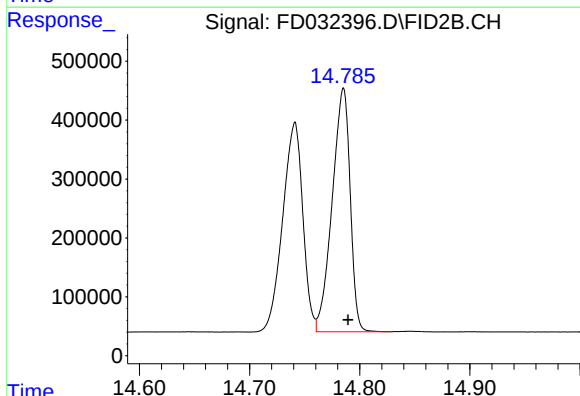
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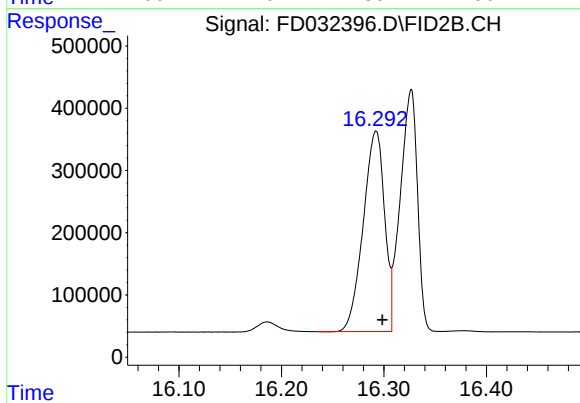
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: -0.006 min
Response: 4519651
Conc: 31.82 ug/ml



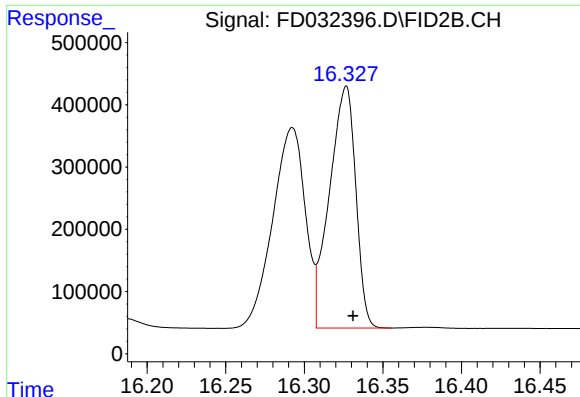
#15 Chrysene (C27.41)

R.T.: 14.785 min
Delta R.T.: -0.004 min
Response: 4687458
Conc: 32.79 ug/ml



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

R.T.: 16.292 min
Delta R.T.: -0.006 min
Response: 4653745
Conc: 33.58 ug/ml



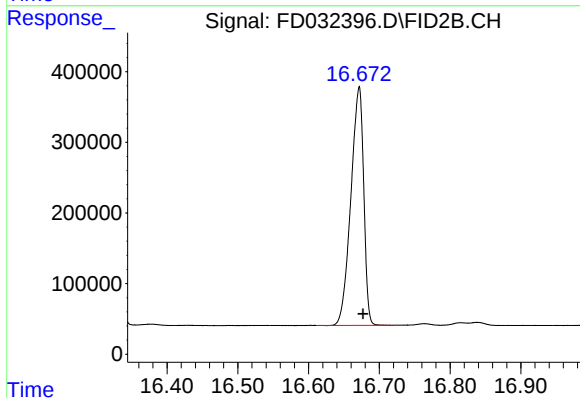
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.327 min
Delta R.T.: -0.004 min
Response: 4523802
Conc: 32.78 ug/ml

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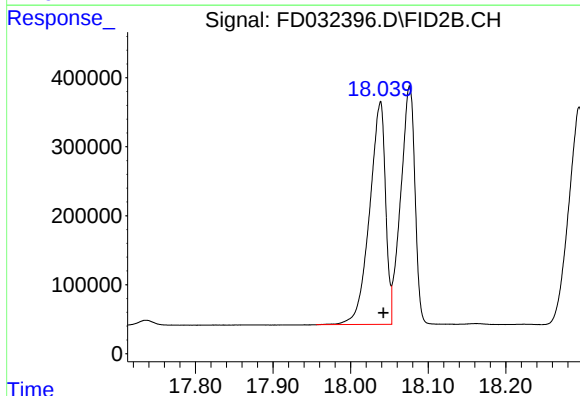
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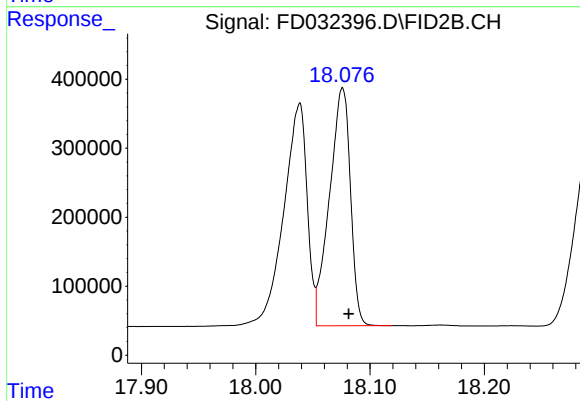
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.672 min
Delta R.T.: -0.006 min
Response: 4254029
Conc: 31.22 ug/ml



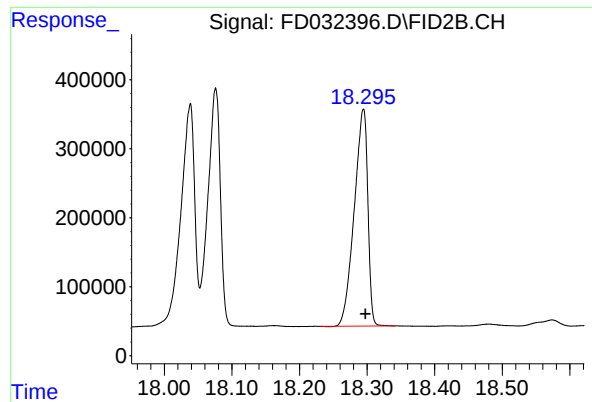
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.038 min
Delta R.T.: -0.004 min
Response: 4615565
Conc: 35.68 ug/ml



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

R.T.: 18.076 min
Delta R.T.: -0.005 min
Response: 4393081
Conc: 33.65 ug/ml



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

R.T.: 18.295 min
Delta R.T.: -0.003 min
Response: 4384858
Conc: 34.91 ug/ml

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