

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030520AR\
 Data File : FD032516.D
 Signal(s) : FID2B.CH
 Acq On : 06 Mar 2020 00:55
 Operator : DD\AJ
 Sample : L1778-19MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 S11MS

Manual Integrations
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 3/6/2020 1:30:17 PM

Integration File: autoint1.e
 Quant Time: Mar 06 05:40:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:14:19 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...	7.625	6629831	51.296 ug/ml
Spiked Amount 50.000		Recovery =	102.59%
6) S 2-Fluorobiphenyl (SURR)	8.487	3558596	40.310 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.62%
11) S ortho-Terphenyl (SURR)	11.524	5613591	40.486 ug/ml
Spiked Amount 50.000		Recovery =	80.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.426	4194107	31.530 ug/mlm
2) T Naphthalene (C11.7)	5.964	5188196	36.515 ug/ml
3) T 2-Methylnaphthalene (...)	7.015	5645491	39.770 ug/ml
5) T Acenaphthylene (C15.06)	8.290	5730181	41.890 ug/ml
7) T Acenaphthene (C15.5)	8.586	5881990	41.661 ug/ml
8) T Flouorene (C16.55)	9.366	6270883	44.734 ug/ml
9) T Phenanthrene (C19.36)	10.761	6357388	45.492 ug/ml
10) T Anthracene (C19.43)	10.837	6250820	44.647 ug/ml
12) T Fluoranthene (C21.85)	12.572	6154838	43.884 ug/ml
13) T Pyrene (C20.8)	12.869	5939252	43.196 ug/ml
14) T Benzo[a]anthracene (C...	14.740	5371936	41.167 ug/ml
15) T Chrysene (C27.41)	14.784	5799425	43.080 ug/ml
16) T benzo[b]fluoranthene ...	16.290	5204761	40.571 ug/ml
17) T Bnezo[k]fluoranthene ...	16.325	5155054	39.269 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.669	4670521	36.663 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.037	4977295	41.769 ug/ml
20) T Dibenz[a,h]anthracene...	18.074	4843443	38.307 ug/ml
21) T Benzo[g,h,i]perylene ...	18.293	4726873	39.985 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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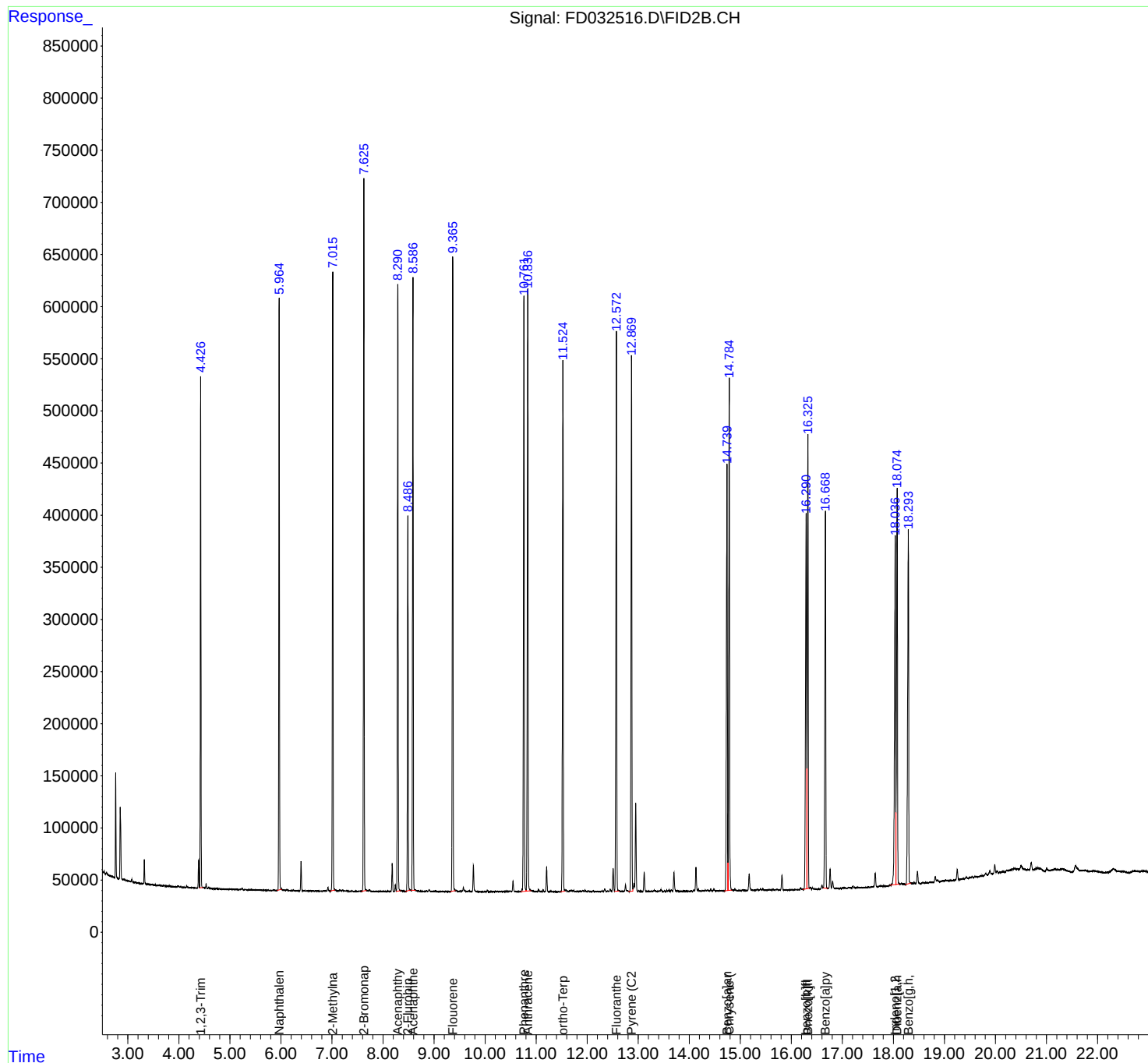
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S11MS

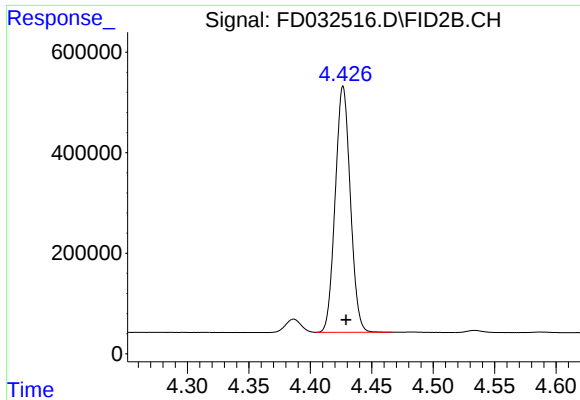
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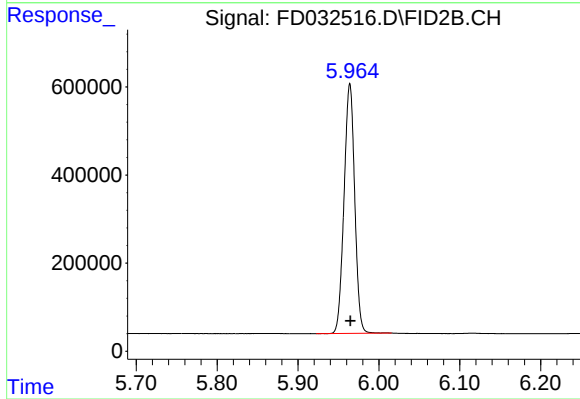
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.426 min
Delta R.T.: -0.003 min
Response: 4194107
Conc: 31.53 ug/ml m

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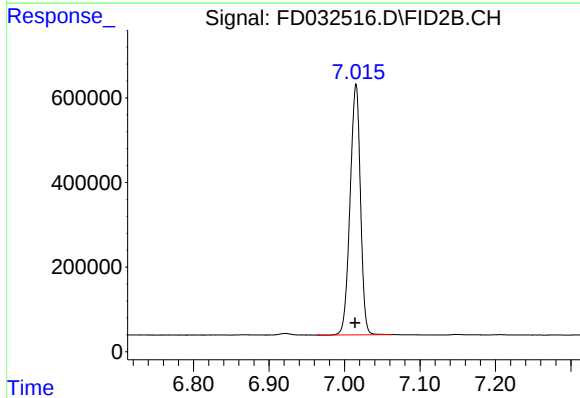
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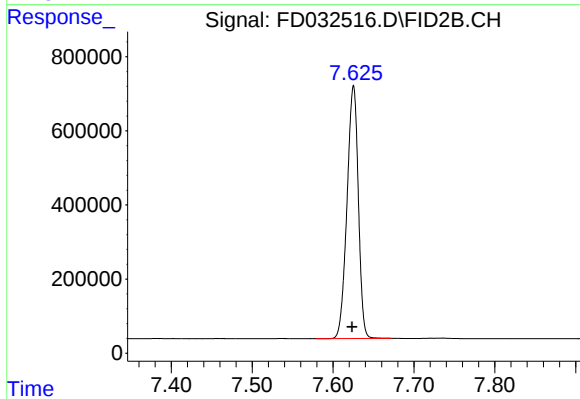
#2 Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 5188196
Conc: 36.51 ug/ml



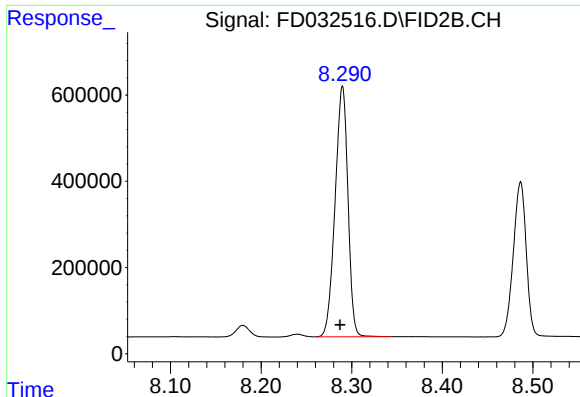
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.015 min
Delta R.T.: 0.001 min
Response: 5645491
Conc: 39.77 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.625 min
Delta R.T.: 0.002 min
Response: 6629831
Conc: 51.30 ug/ml



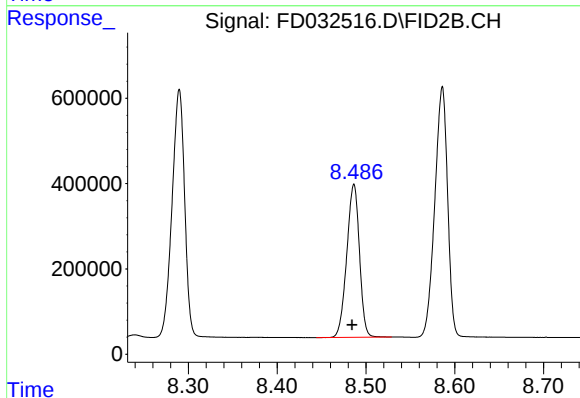
#5 Acenaphthylene (C15.06)

R.T.: 8.290 min
Delta R.T.: 0.003 min
Response: 5730181
Conc: 41.89 ug/ml

Instrument :
FID_D
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S11MS

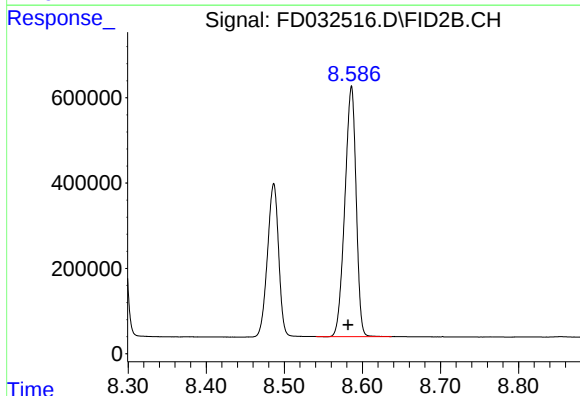
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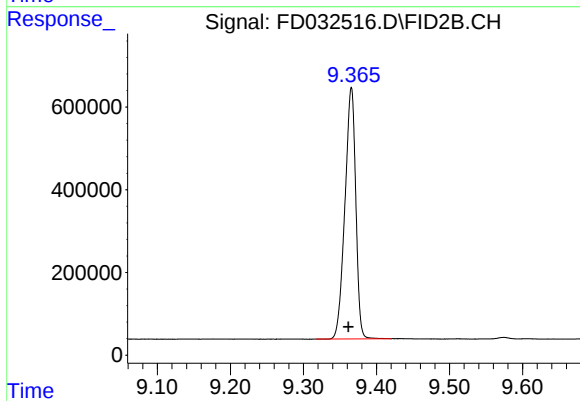
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.487 min
Delta R.T.: 0.002 min
Response: 3558596
Conc: 40.31 ug/ml



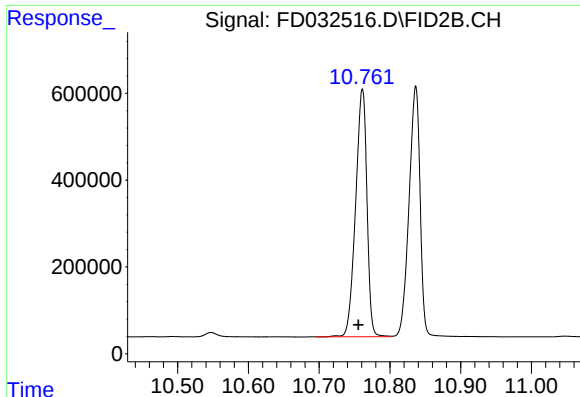
#7 Acenaphthene (C15.5)

R.T.: 8.586 min
Delta R.T.: 0.004 min
Response: 5881990
Conc: 41.66 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.366 min
Delta R.T.: 0.004 min
Response: 6270883
Conc: 44.73 ug/ml



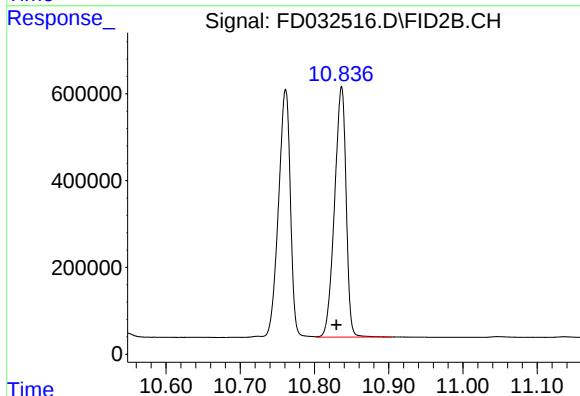
#9 Phenanthrene (C19.36)

R.T.: 10.761 min
Delta R.T.: 0.006 min
Response: 6357388
Conc: 45.49 ug/ml

Instrument :
FID_D
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S11MS

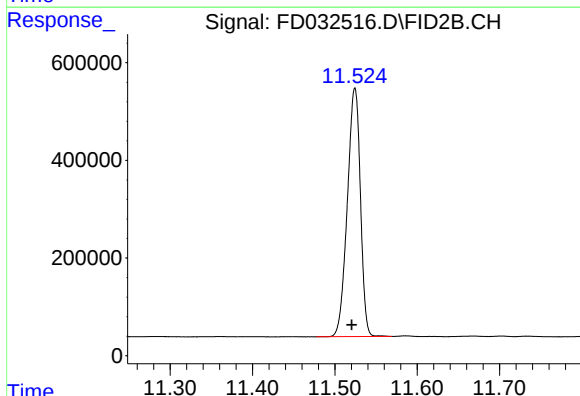
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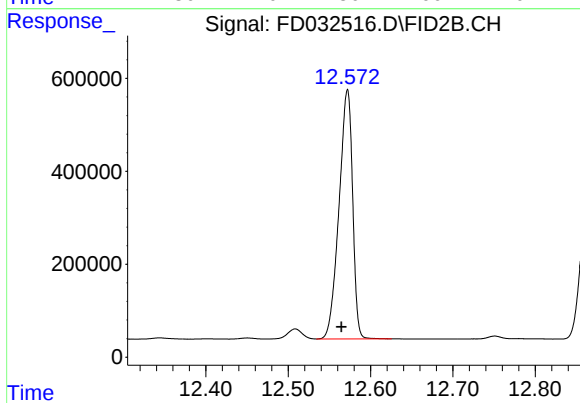
#10 Anthracene (C19.43)

R.T.: 10.837 min
Delta R.T.: 0.007 min
Response: 6250820
Conc: 44.65 ug/ml



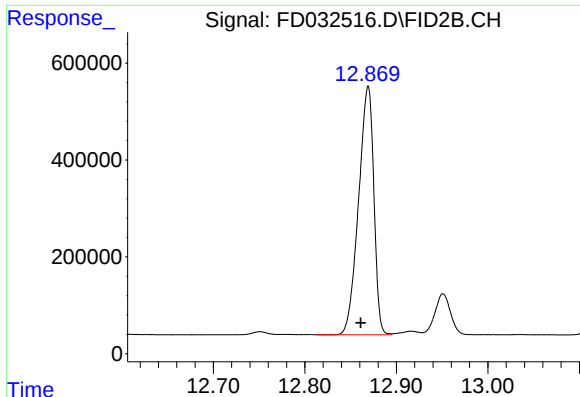
#11 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: 0.004 min
Response: 5613591
Conc: 40.49 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.572 min
Delta R.T.: 0.007 min
Response: 6154838
Conc: 43.88 ug/ml



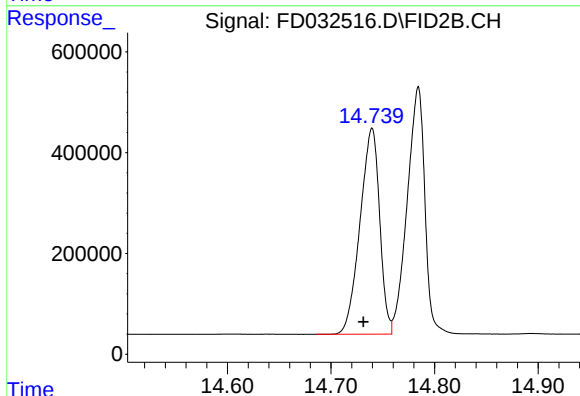
#13 Pyrene (C20.8)

R.T.: 12.869 min
Delta R.T.: 0.008 min
Response: 5939252
Conc: 43.20 ug/ml

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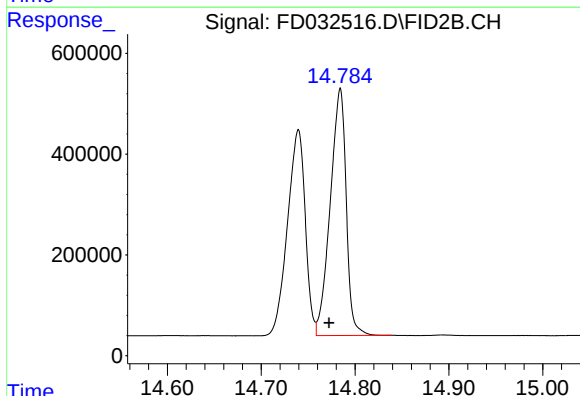
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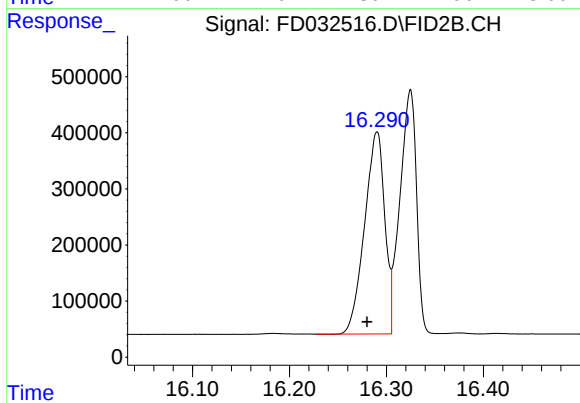
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.740 min
Delta R.T.: 0.008 min
Response: 5371936
Conc: 41.17 ug/ml



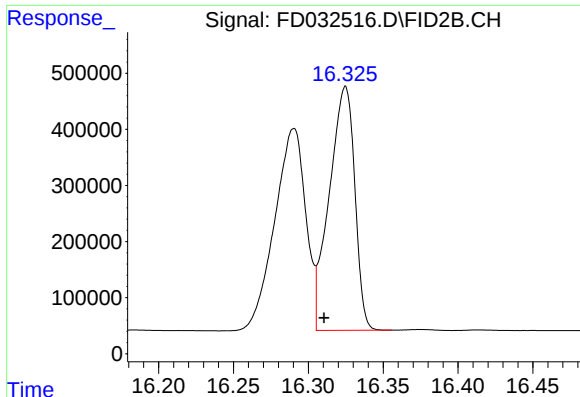
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.012 min
Response: 5799425
Conc: 43.08 ug/ml



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

R.T.: 16.290 min
Delta R.T.: 0.010 min
Response: 5204761
Conc: 40.57 ug/ml



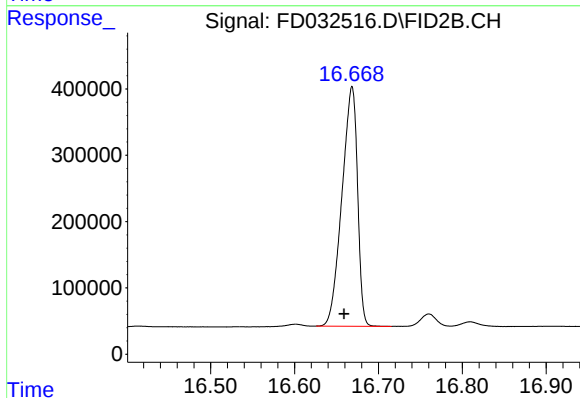
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.325 min
Delta R.T.: 0.014 min
Response: 5155054
Conc: 39.27 ug/ml

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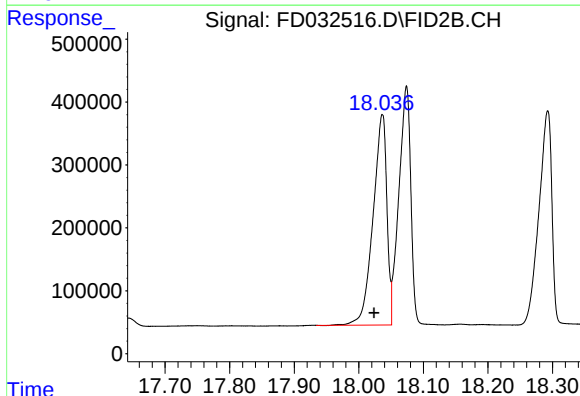
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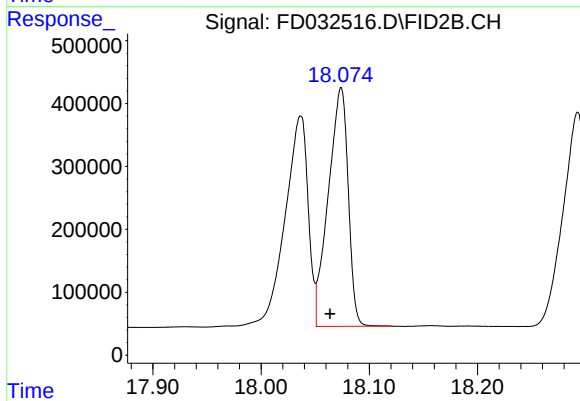
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.669 min
Delta R.T.: 0.010 min
Response: 4670521
Conc: 36.66 ug/ml



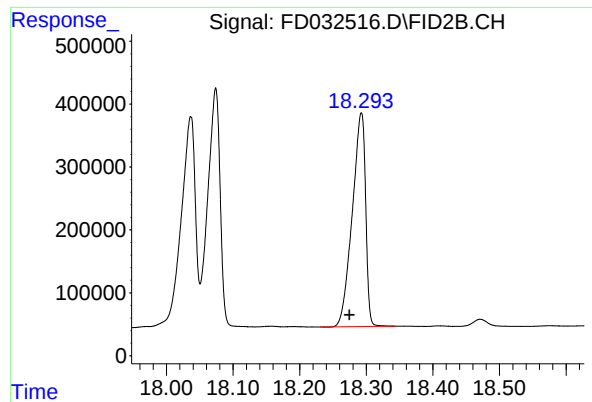
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.037 min
Delta R.T.: 0.013 min
Response: 4977295
Conc: 41.77 ug/ml



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

R.T.: 18.074 min
Delta R.T.: 0.010 min
Response: 4843443
Conc: 38.31 ug/ml



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

R.T.: 18.293 min
Delta R.T.: 0.018 min
Response: 4726873
Conc: 39.98 ug/ml

Instrument :
FID_D
ClientSampleId :
S11MS

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