

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013120AR\
 Data File : FD032238.D
 Signal(s) : FID2B.CH
 Acq On : 31 Jan 2020 13:02
 Operator : DD\AJ
 Sample : L1161-01
 Misc : LOD 4 PPM -SOIL (ARO)
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2020

Manual Integrations
 APPROVED

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 2/3/2020 2:39:21 PM

Integration File: autoint1.e
 Quant Time: Feb 01 00:43:46 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 04:07:34 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...	7.636	5493870	48.872 ug/ml
Spiked Amount 50.000		Recovery =	97.74%
6) S 2-Fluorobiphenyl (SURR)	8.498	3543733	45.466 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	90.93%
11) S ortho-Terphenyl (SURR)	11.536	5167056	41.631 ug/ml
Spiked Amount 50.000		Recovery =	83.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	365484	3.227 ug/ml
2) T Naphthalene (C11.7)	5.975	408993	3.362 ug/ml
3) T 2-Methylnaphthalene (...)	7.025	417471	3.409 ug/ml
5) T Acenaphthylene (C15.06)	8.299	389513	3.254 ug/ml
7) T Acenaphthene (C15.5)	8.594	402746	3.257 ug/ml
8) T Flouorene (C16.55)	9.373	415610	3.328 ug/ml
9) T Phenanthrene (C19.36)	10.768	392060	3.105 ug/ml
10) T Anthracene (C19.43)	10.841	392793	3.137 ug/ml
12) T Fluoranthene (C21.85)	12.576	416390	3.253 ug/mlm
13) T Pyrene (C20.8)	12.874	400090	3.179 ug/ml
14) T Benzo[a]anthracene (C...	14.742	385983	3.161 ug/ml
15) T Chrysene (C27.41)	14.784	418214	3.398 ug/ml
16) T benzo[b]fluoranthene ...	16.292	401808	3.328 ug/ml
17) T Bnezo[k]fluoranthene ...	16.323	418099	3.456 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	363576	3.043 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.034	382552	3.330 ug/ml
20) T Dibenz[a,h]anthracene...	18.075	429393	3.672 ug/ml
21) T Benzo[g,h,i]perylene ...	18.287	390238	3.425 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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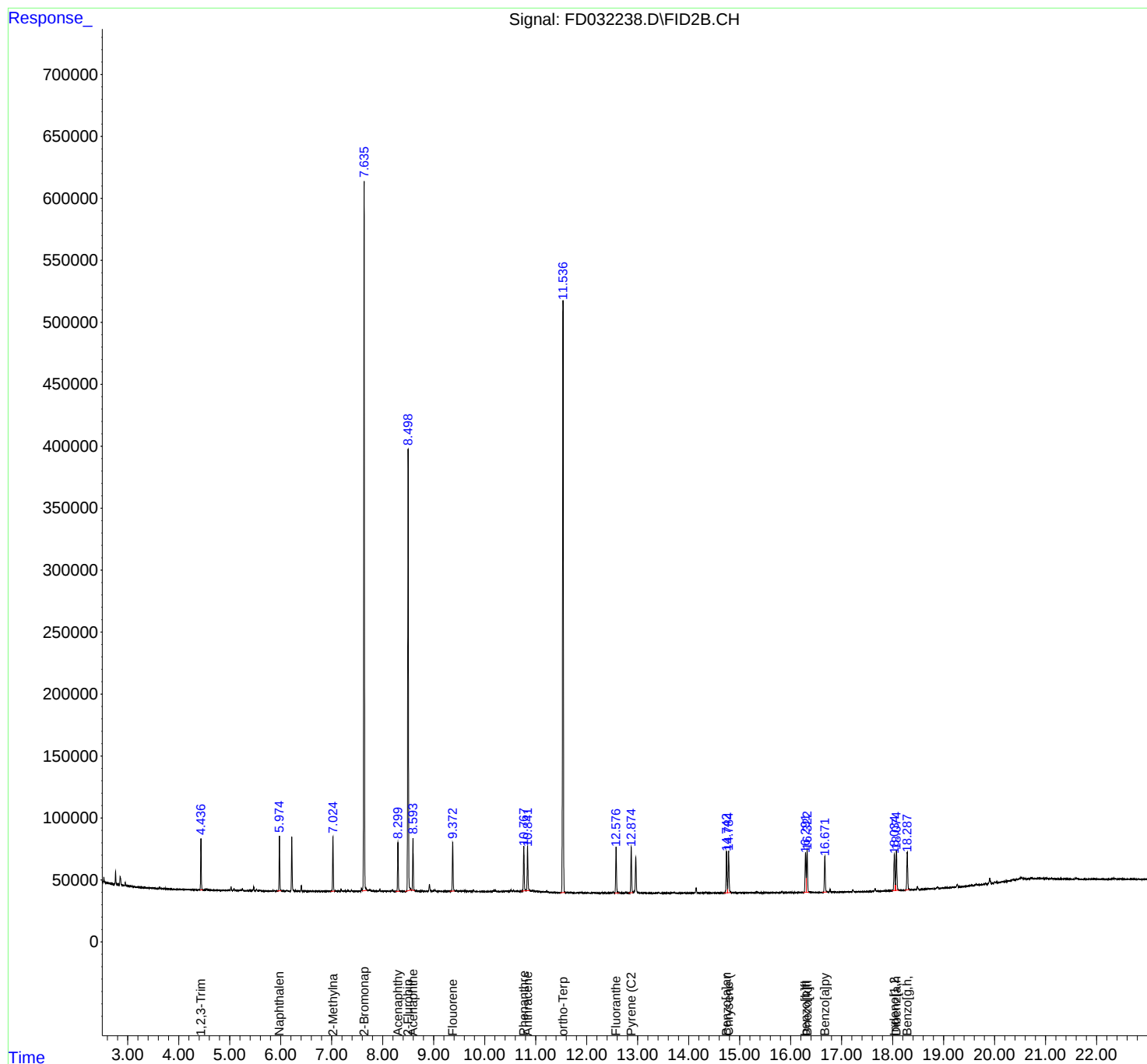
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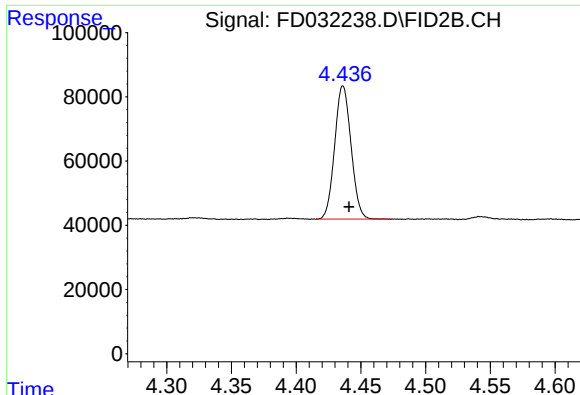
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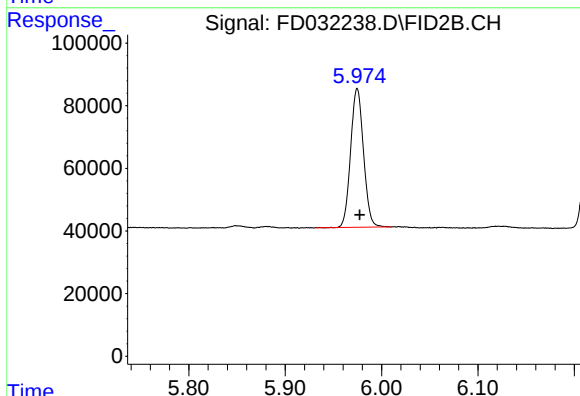
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.436 min
Delta R.T.: -0.005 min
Response: 365484
Conc: 3.23 ug/ml

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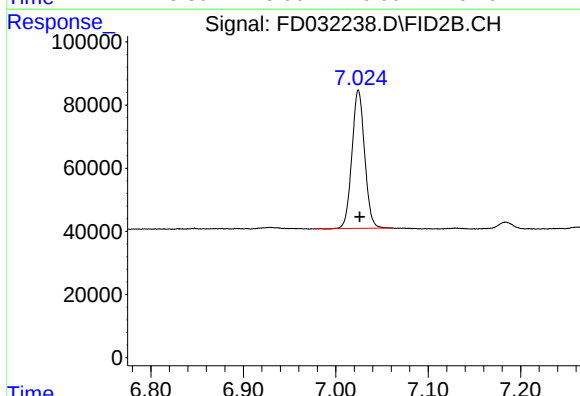
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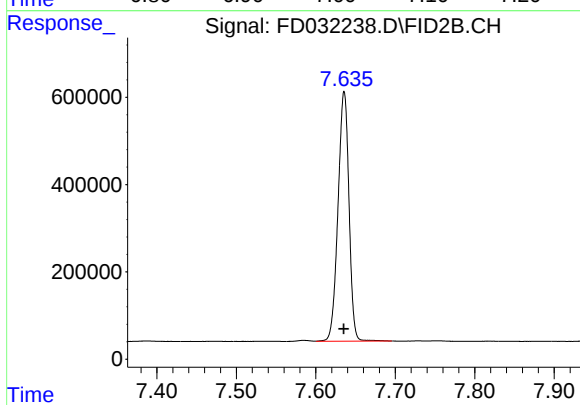
#2 Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 408993
Conc: 3.36 ug/ml



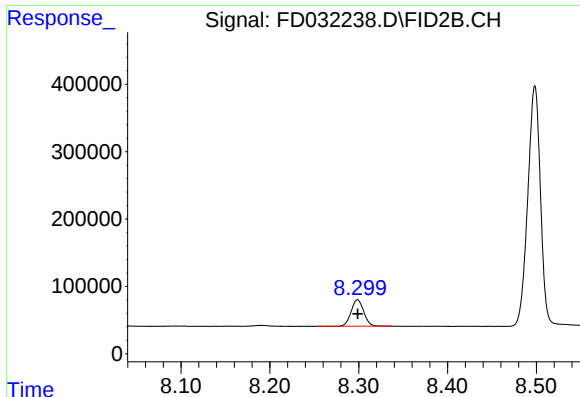
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.025 min
Delta R.T.: -0.002 min
Response: 417471
Conc: 3.41 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.636 min
Delta R.T.: 0.000 min
Response: 5493870
Conc: 48.87 ug/ml



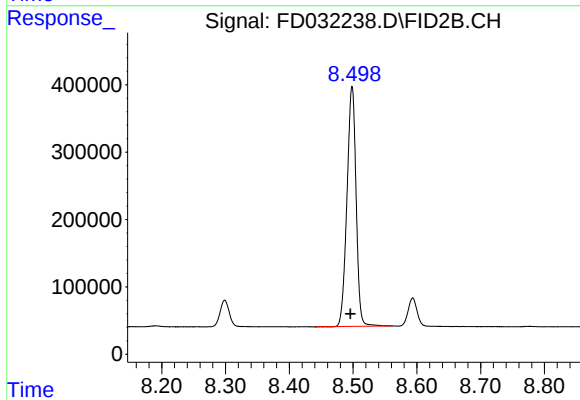
#5 Acenaphthylene (C15.06)

R.T.: 8.299 min
Delta R.T.: 0.000 min
Response: 389513
Conc: 3.25 ug/ml

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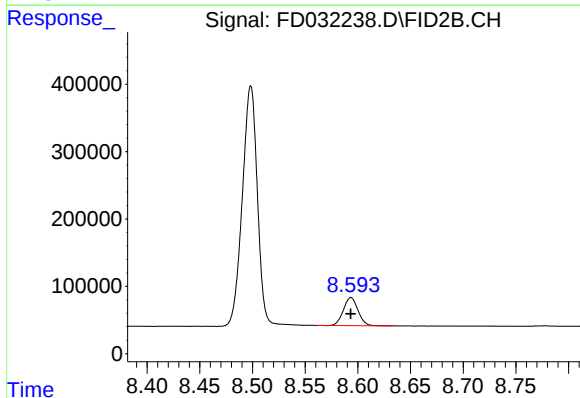
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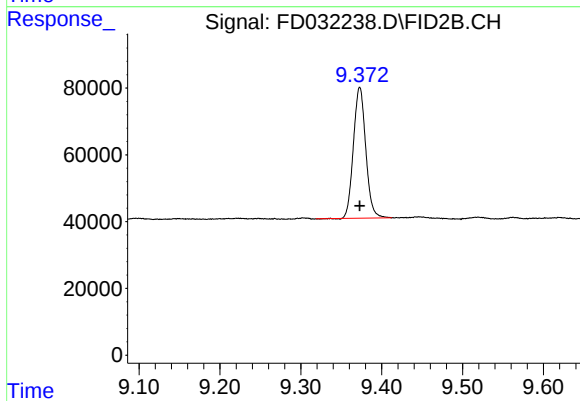
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.498 min
Delta R.T.: 0.003 min
Response: 3543733
Conc: 45.47 ug/ml



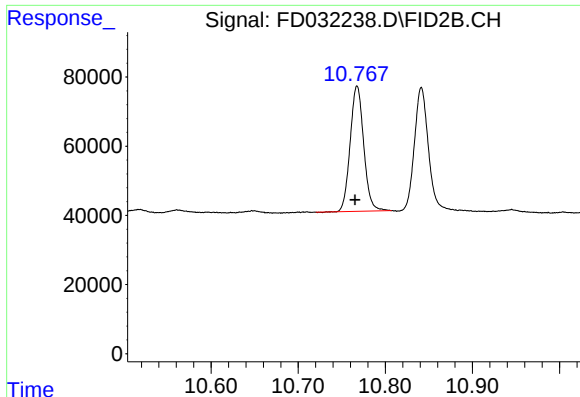
#7 Acenaphthene (C15.5)

R.T.: 8.594 min
Delta R.T.: 0.000 min
Response: 402746
Conc: 3.26 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 415610
Conc: 3.33 ug/ml



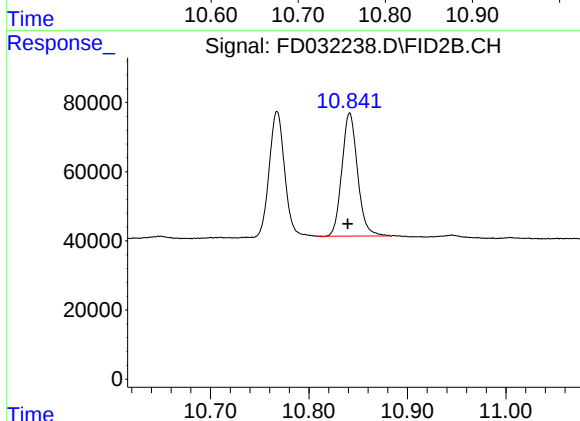
#9 Phenanthrene (C19.36)

R.T.: 10.768 min
Delta R.T.: 0.002 min
Response: 392060
Conc: 3.11 ug/ml

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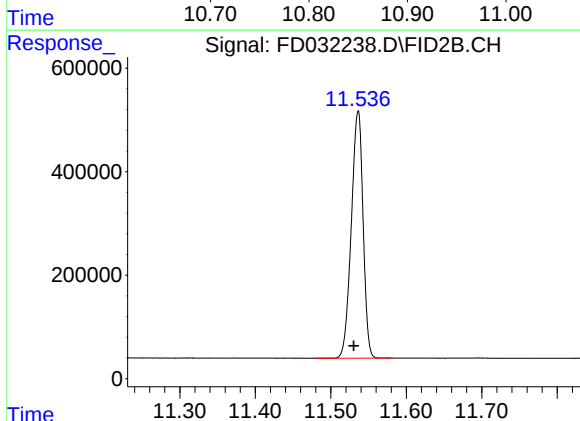
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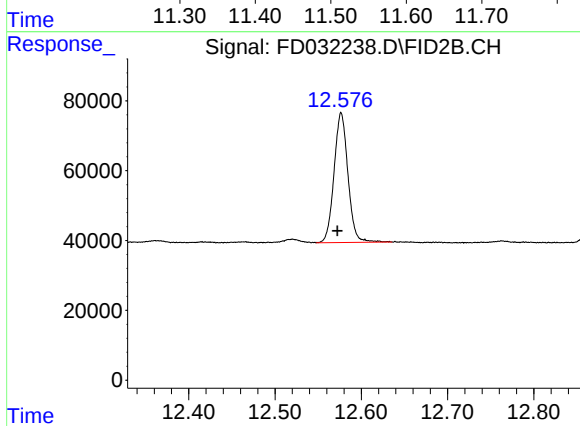
#10 Anthracene (C19.43)

R.T.: 10.841 min
Delta R.T.: 0.002 min
Response: 392793
Conc: 3.14 ug/ml



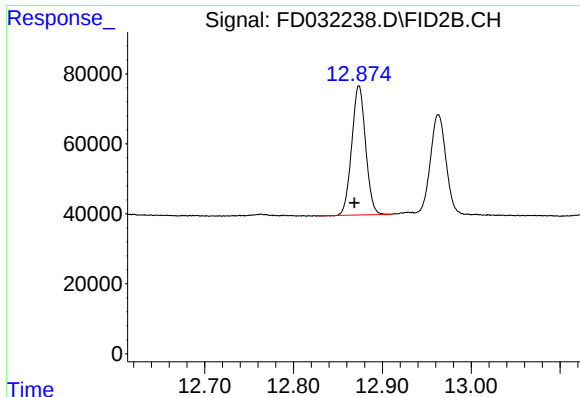
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: 0.006 min
Response: 5167056
Conc: 41.63 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.576 min
Delta R.T.: 0.004 min
Response: 416390
Conc: 3.25 ug/ml m



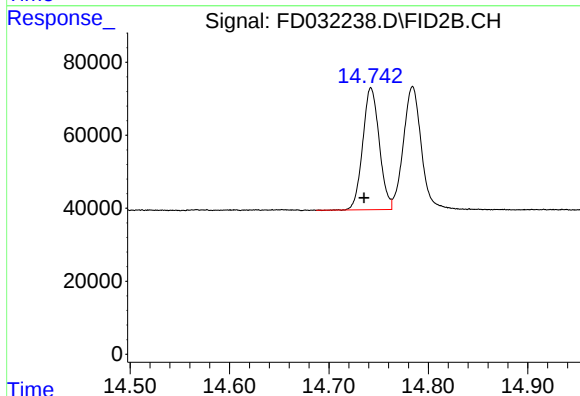
#13 Pyrene (C20.8)

R.T.: 12.874 min
Delta R.T.: 0.005 min
Response: 400090
Conc: 3.18 ug/ml

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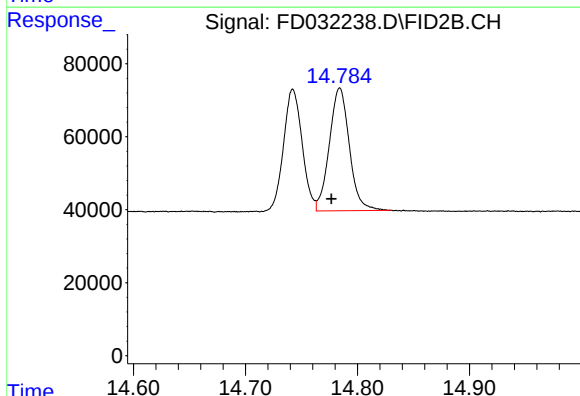
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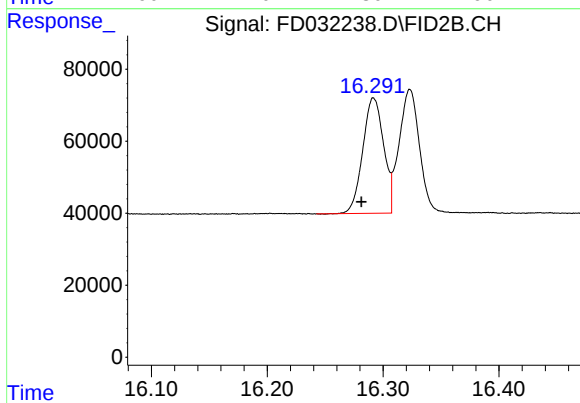
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.742 min
Delta R.T.: 0.007 min
Response: 385983
Conc: 3.16 ug/ml



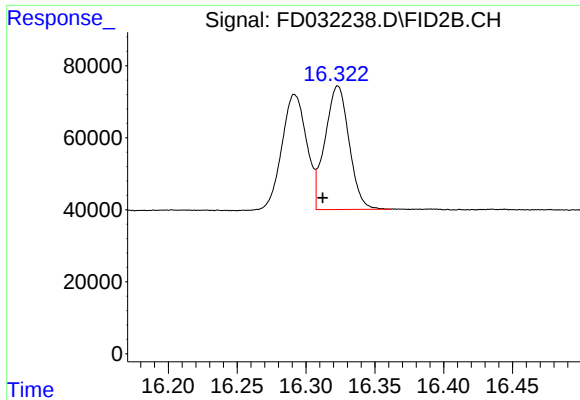
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: 0.008 min
Response: 418214
Conc: 3.40 ug/ml



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

R.T.: 16.292 min
Delta R.T.: 0.011 min
Response: 401808
Conc: 3.33 ug/ml



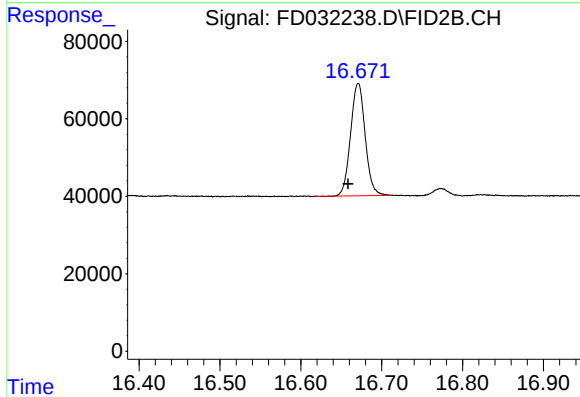
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.323 min
Delta R.T.: 0.011 min
Response: 418099
Conc: 3.46 ug/ml

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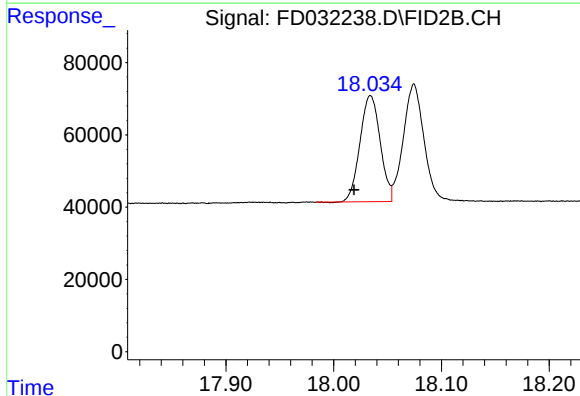
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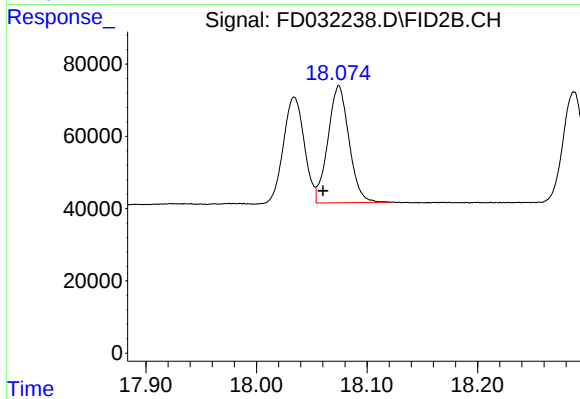
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min
Delta R.T.: 0.013 min
Response: 363576
Conc: 3.04 ug/ml



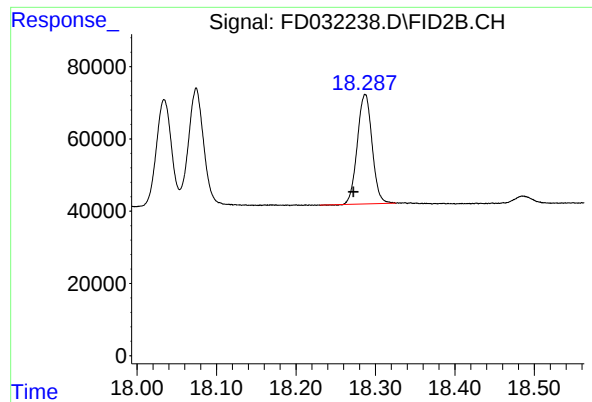
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.034 min
Delta R.T.: 0.015 min
Response: 382552
Conc: 3.33 ug/ml



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

R.T.: 18.075 min
Delta R.T.: 0.014 min
Response: 429393
Conc: 3.67 ug/ml



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

R.T.: 18.287 min
Delta R.T.: 0.015 min
Response: 390238
Conc: 3.42 ug/ml

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