

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041421AR\
 Data File : FD036914.D
 Signal(s) : FID2B.CH
 Acq On : 14 Apr 2021 21:22
 Operator : DD\AJ
 Sample : M1982-02MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-1MS

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Apr 15 01:24:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 2021
 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...	7.588	6557768	46.627 ug/ml
Spiked Amount 50.000		Recovery =	93.25%
6) S 2-Fluorobiphenyl (SURR)	8.448	4026185	42.892 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.78%
11) S ortho-Terphenyl (SURR)	11.488	4662386	30.527 ug/ml
Spiked Amount 50.000		Recovery =	61.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.386	4782008	32.623 ug/ml
2) T Naphthalene (C11.7)	5.924	5393873	34.320 ug/ml
3) T 2-Methylnaphthalene (...)	6.976	5449612	34.674 ug/ml
5) T Acenaphthylene (C15.06)	8.252	5669989	37.840 ug/ml
7) T Acenaphthene (C15.5)	8.548	5643943	36.357 ug/ml
8) T Fluorene (C16.55)	9.327	5705405	37.895 ug/ml
9) T Phenanthrene (C19.36)	10.723	5839986	39.844 ug/ml
10) T Anthracene (C19.43)	10.798	5578352	38.533 ug/ml
12) T Fluoranthene (C21.85)	12.534	5792924	41.261 ug/ml
13) T Pyrene (C20.8)	12.830	5656461	41.227 ug/ml
14) T Benzo[a]anthracene (C...	14.700	5166577	43.505 ug/ml
15) T Chrysene (C27.41)	14.744	5467273	45.209 ug/mlm
16) T benzo[b]fluoranthene ...	16.250	5493634	50.064 ug/ml
17) T Bnezo[k]fluoranthene ...	16.285	5228404	49.186 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.630	5410991	54.294 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.993	5174303	51.476 ug/ml
20) T Dibenz[a,h]anthracene...	18.033	5170112	51.274 ug/ml
21) T Benzo[g,h,i]perylene ...	18.251	5335953	52.664 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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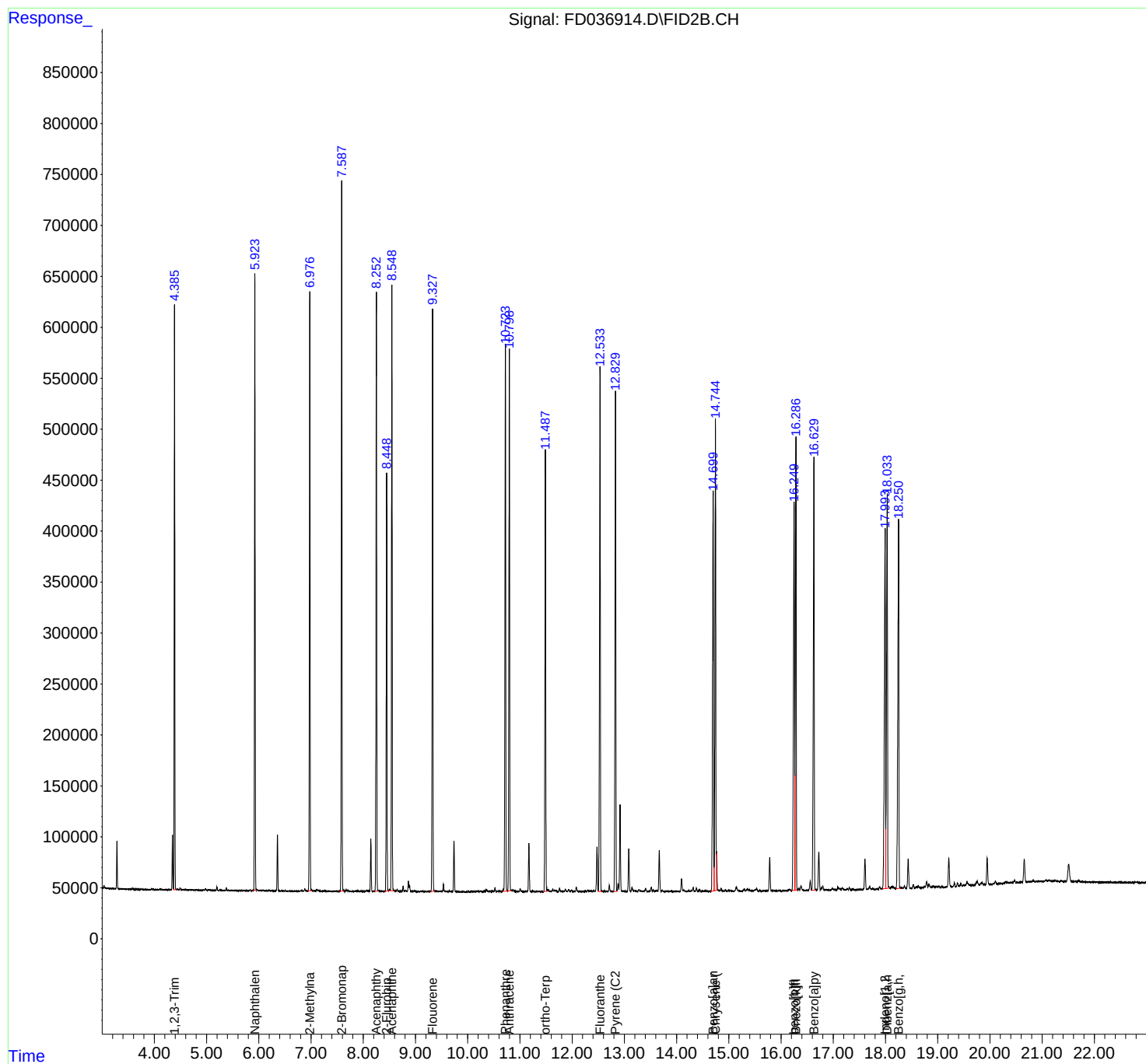
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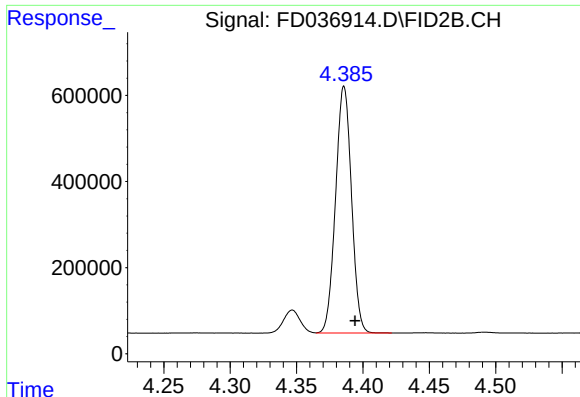
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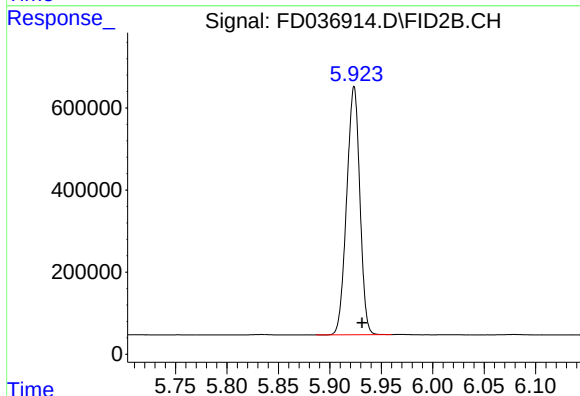
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.386 min
Delta R.T.: -0.008 min
Response: 4782008
Conc: 32.62 ug/ml

Instrument :
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WC-1MS

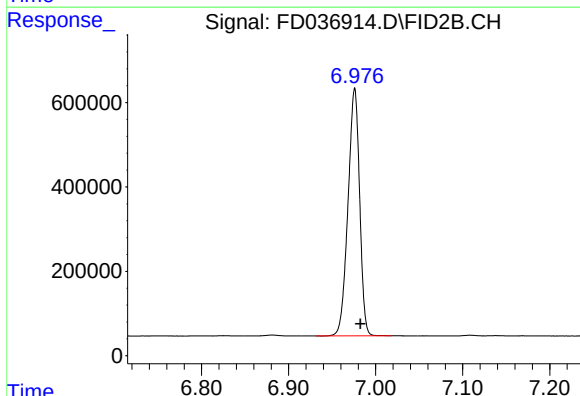
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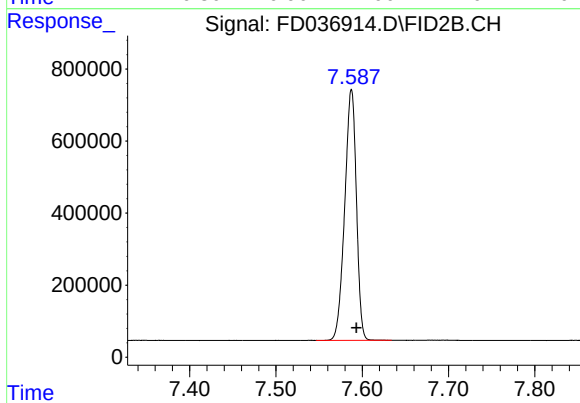
#2 Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: -0.008 min
Response: 5393873
Conc: 34.32 ug/ml



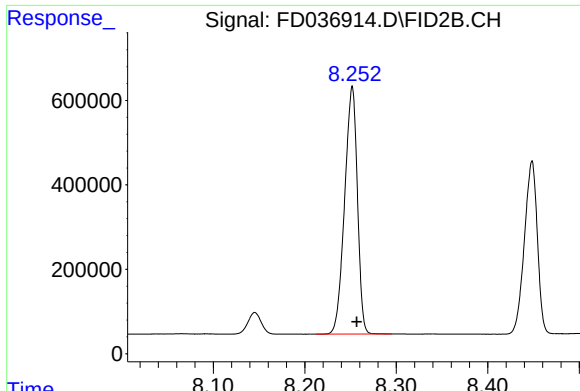
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.976 min
Delta R.T.: -0.006 min
Response: 5449612
Conc: 34.67 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.588 min
Delta R.T.: -0.006 min
Response: 6557768
Conc: 46.63 ug/ml



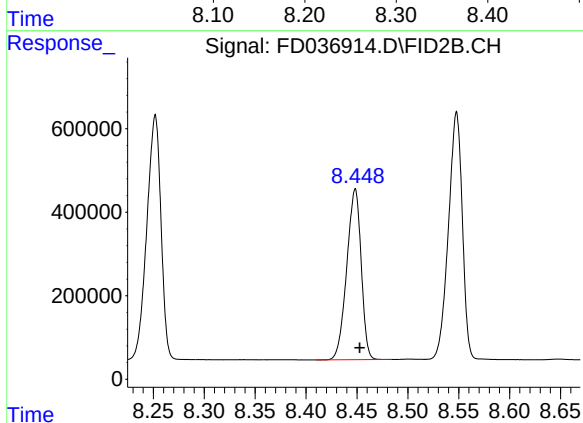
#5 Acenaphthylene (C15.06)

R.T.: 8.252 min
Delta R.T.: -0.005 min
Response: 5669989
Conc: 37.84 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-1MS

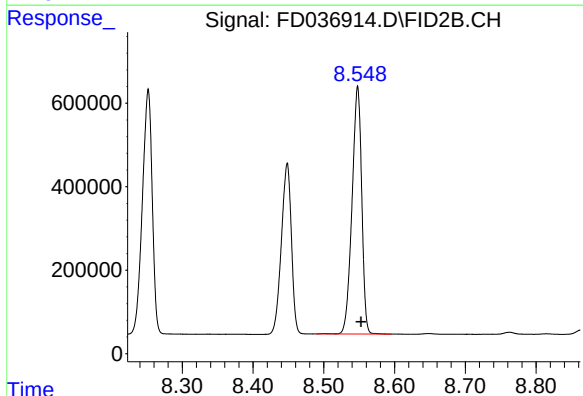
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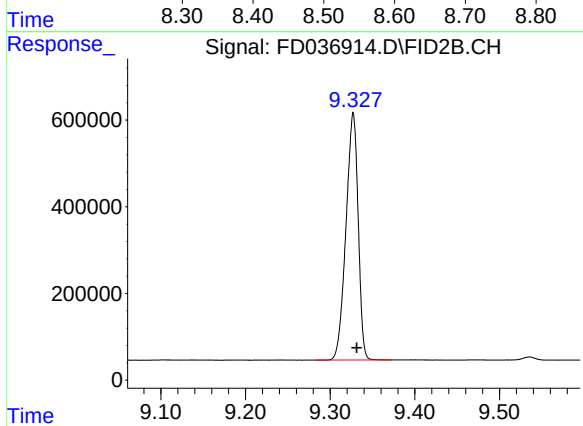
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.448 min
Delta R.T.: -0.004 min
Response: 4026185
Conc: 42.89 ug/ml



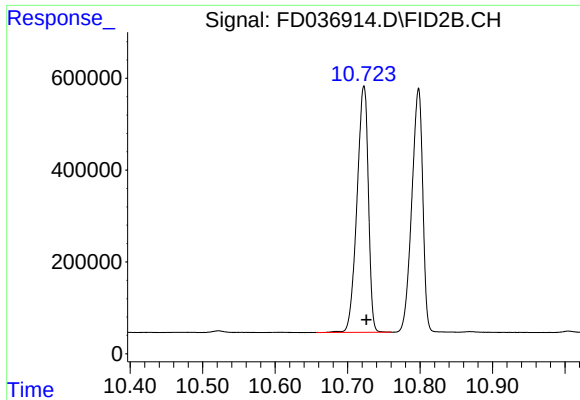
#7 Acenaphthene (C15.5)

R.T.: 8.548 min
Delta R.T.: -0.005 min
Response: 5643943
Conc: 36.36 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.327 min
Delta R.T.: -0.004 min
Response: 5705405
Conc: 37.90 ug/ml



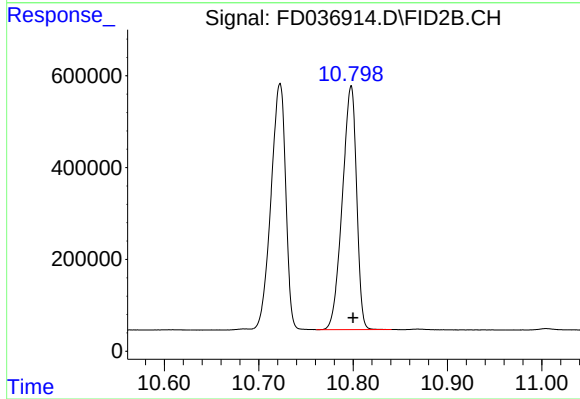
#9 Phenanthrene (C19.36)

R.T.: 10.723 min
Delta R.T.: -0.003 min
Response: 5839986
Conc: 39.84 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-1MS

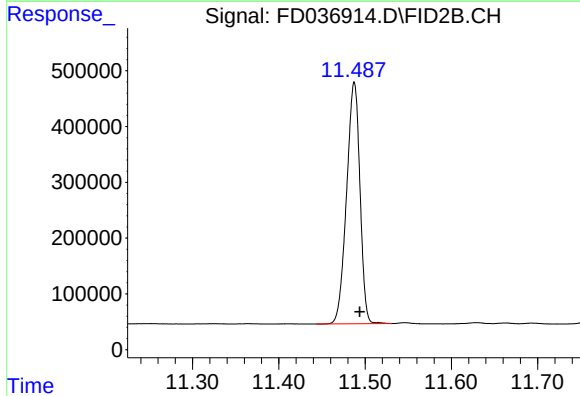
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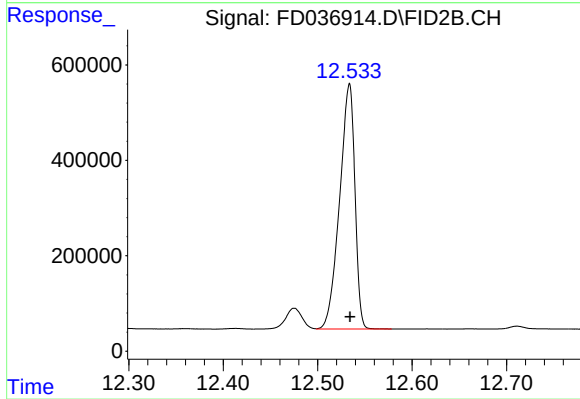
#10 Anthracene (C19.43)

R.T.: 10.798 min
Delta R.T.: -0.002 min
Response: 5578352
Conc: 38.53 ug/ml



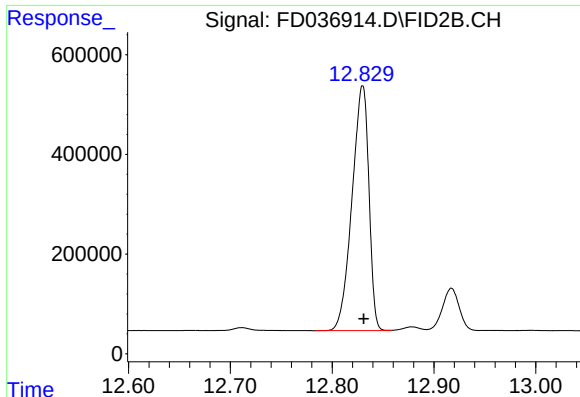
#11 ortho-Terphenyl (SURR)

R.T.: 11.488 min
Delta R.T.: -0.006 min
Response: 4662386
Conc: 30.53 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.534 min
Delta R.T.: 0.000 min
Response: 5792924
Conc: 41.26 ug/ml



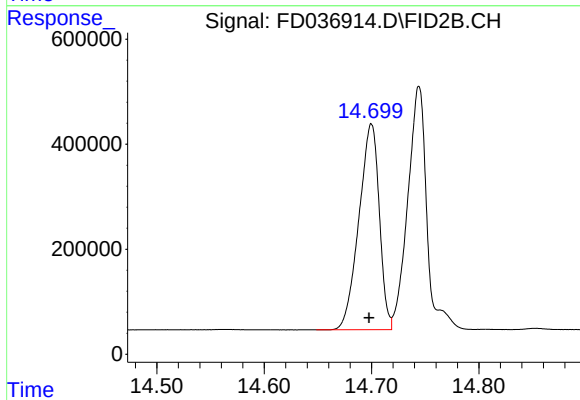
#13 Pyrene (C20.8)

R.T.: 12.830 min
Delta R.T.: -0.001 min
Response: 5656461
Conc: 41.23 ug/ml

Instrument :
FID_D
ClientSampleId :
WC-1MS

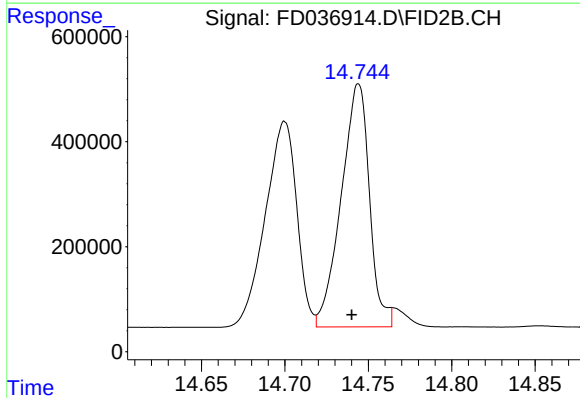
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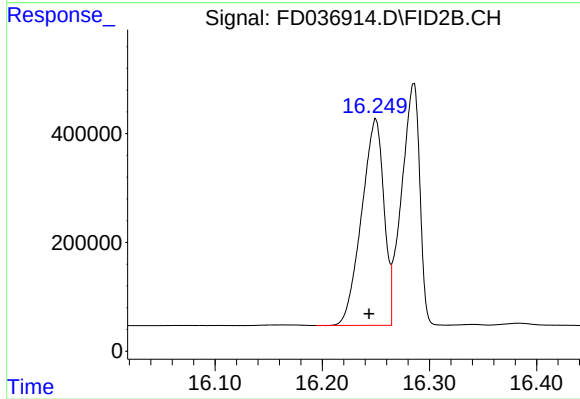
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.700 min
Delta R.T.: 0.002 min
Response: 5166577
Conc: 43.50 ug/ml



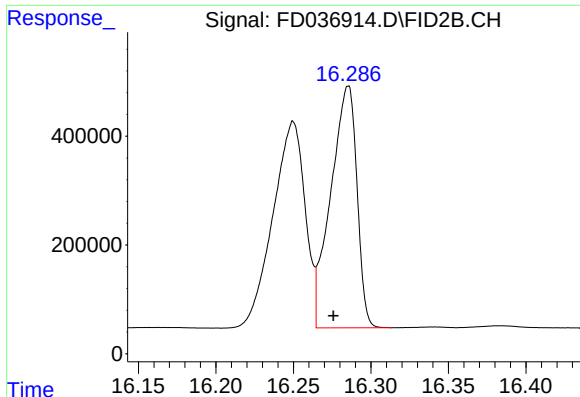
#15 Chrysene (C27.41)

R.T.: 14.744 min
Delta R.T.: 0.003 min
Response: 5467273
Conc: 45.21 ug/ml m



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

R.T.: 16.250 min
Delta R.T.: 0.006 min
Response: 5493634
Conc: 50.06 ug/ml



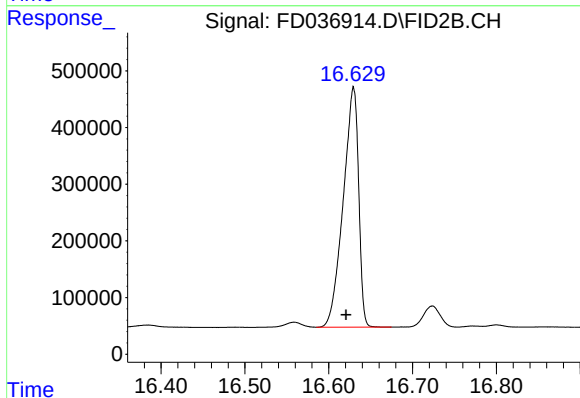
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.285 min
Delta R.T.: 0.009 min
Response: 5228404
Conc: 49.19 ug/ml

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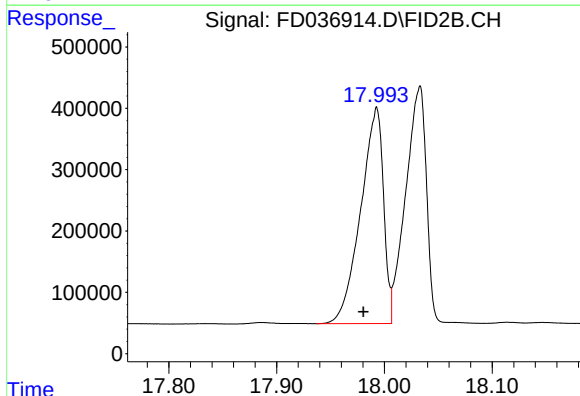
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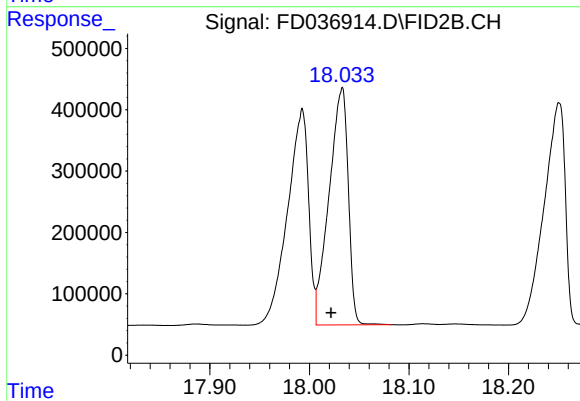
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.630 min
Delta R.T.: 0.009 min
Response: 5410991
Conc: 54.29 ug/ml



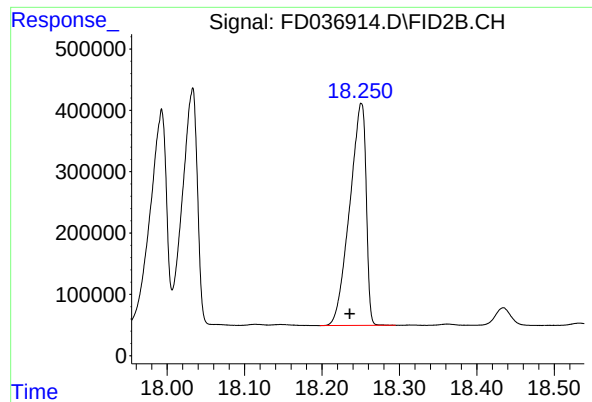
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.993 min
Delta R.T.: 0.012 min
Response: 5174303
Conc: 51.48 ug/ml



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

R.T.: 18.033 min
Delta R.T.: 0.011 min
Response: 5170112
Conc: 51.27 ug/ml



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

R.T.: 18.251 min
Delta R.T.: 0.015 min
Response: 5335953
Conc: 52.66 ug/ml

Instrument :
FID_D
ClientSampleId :
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