

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040921AR\
 Data File : FD036817.D
 Signal(s) : FID2B.CH
 Acq On : 09 Apr 2021 15:42
 Operator : DD\AJ
 Sample : M1951-02MS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SW-1MS

Manual Integrations
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 4/12/2021 4:16:43 PM

Integration File: autoint1.e
 Quant Time: Apr 10 00:31:36 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...	7.594	6602653	46.946 ug/ml
Spiked Amount 50.000		Recovery =	93.89%
6) S 2-Fluorobiphenyl (SURR)	8.456	4023712	42.865 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.73%
11) S ortho-Terphenyl (SURR)	11.496	5746482	37.625 ug/ml
Spiked Amount 50.000		Recovery =	75.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.393	5647592	38.528 ug/ml
2) T Naphthalene (C11.7)	5.931	6283091	39.978 ug/ml
3) T 2-Methylnaphthalene (...)	6.984	6198318	39.438 ug/ml
5) T Acenaphthylene (C15.06)	8.259	6274405	41.874 ug/ml
7) T Acenaphthene (C15.5)	8.556	6127280	39.471 ug/ml
8) T Fluorene (C16.55)	9.336	6074273	40.345 ug/ml
9) T Phenanthrene (C19.36)	10.731	5775493	39.404 ug/ml
10) T Anthracene (C19.43)	10.807	5728165	39.568 ug/ml
12) T Fluoranthene (C21.85)	12.542	5459601	38.887 ug/ml
13) T Pyrene (C20.8)	12.839	5393520	39.311 ug/ml
14) T Benzo[a]anthracene (C...	14.709	5011607	42.200 ug/ml
15) T Chrysene (C27.41)	14.753	5795977	47.927 ug/ml
16) T benzo[b]fluoranthene ...	16.259	5154033	46.969 ug/ml
17) T Bnezo[k]fluoranthene ...	16.294	5019740	47.223 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.639	5144822	51.623 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.002	4833365	48.084 ug/ml
20) T Dibenz[a,h]anthracene...	18.041	4920407	48.797 ug/ml
21) T Benzo[g,h,i]perylene ...	18.260	5028584	49.630 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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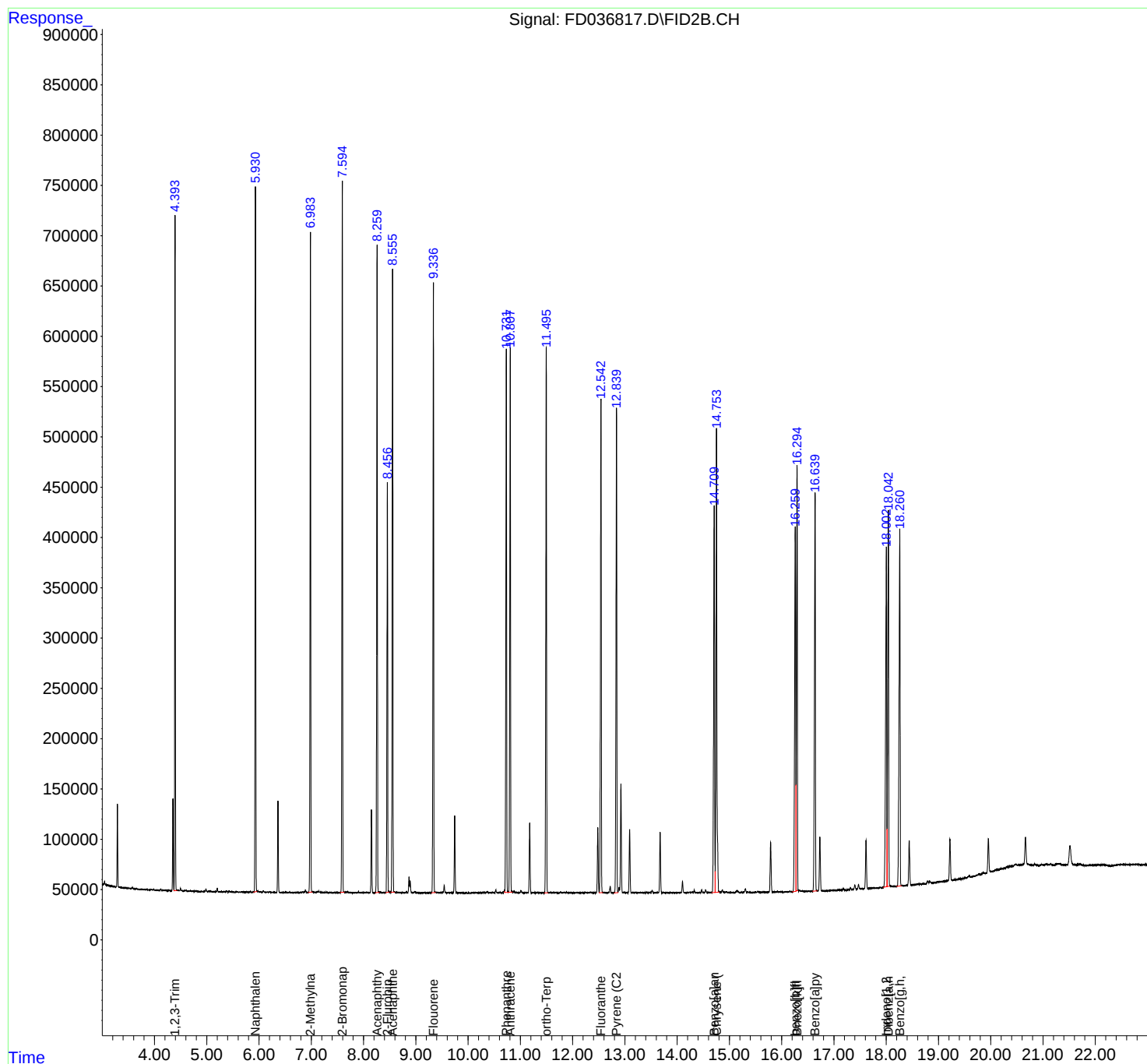
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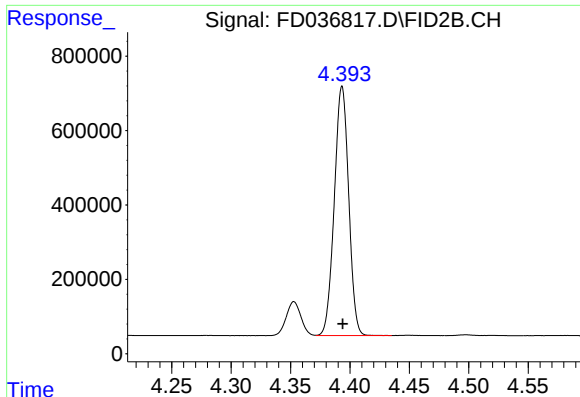
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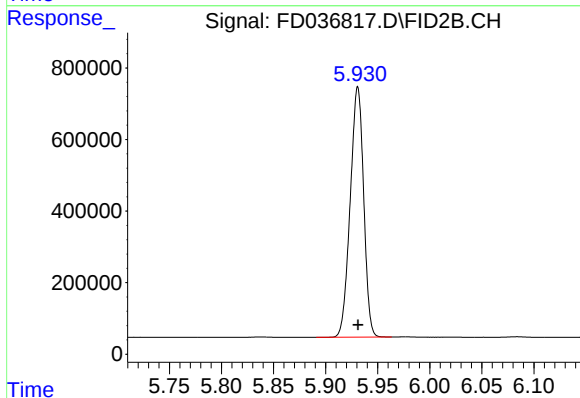
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.393 min
Delta R.T.: 0.000 min
Response: 5647592
Conc: 38.53 ug/ml

Instrument :
FID_D
ClientSampleId :
SW-1MS

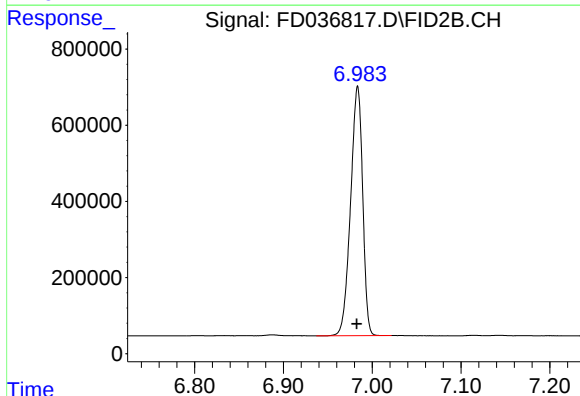
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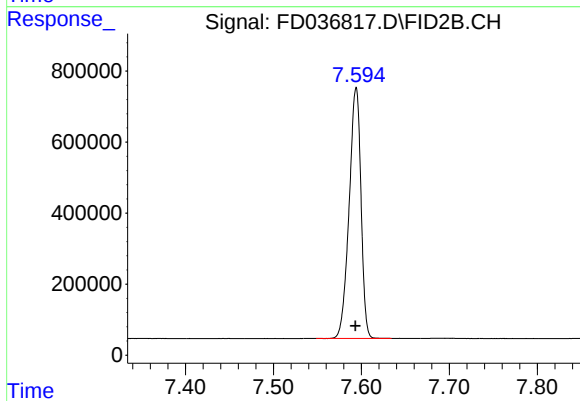
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 6283091
Conc: 39.98 ug/ml



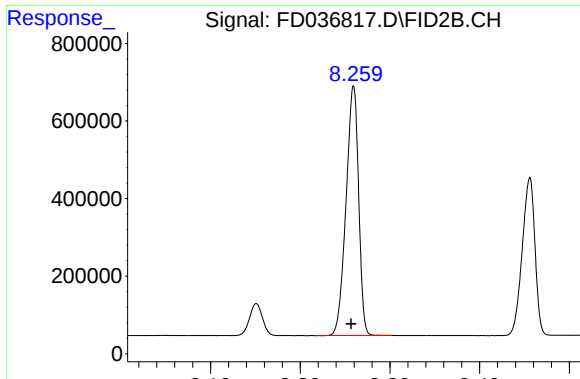
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.984 min
Delta R.T.: 0.001 min
Response: 6198318
Conc: 39.44 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 6602653
Conc: 46.95 ug/ml



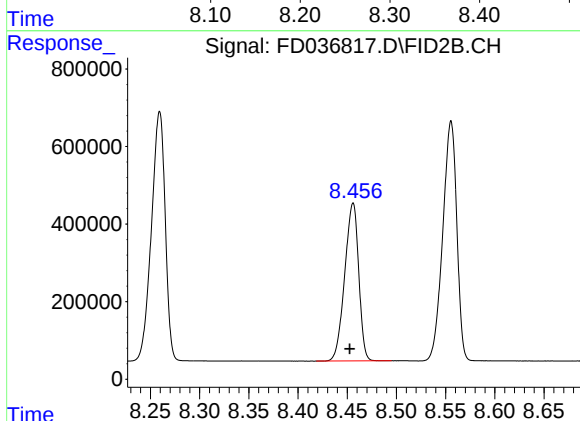
#5 Acenaphthylene (C15.06)

R.T.: 8.259 min
Delta R.T.: 0.003 min
Response: 6274405
Conc: 41.87 ug/ml

Instrument :
FID_D
ClientSampleId :
SW-1MS

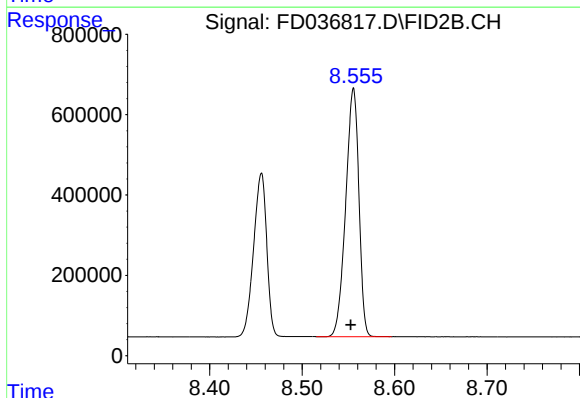
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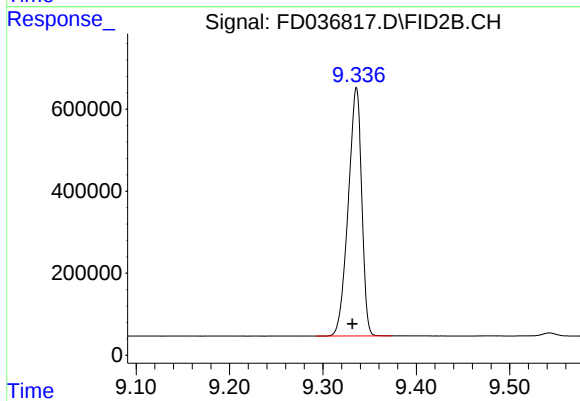
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.456 min
Delta R.T.: 0.003 min
Response: 4023712
Conc: 42.87 ug/ml



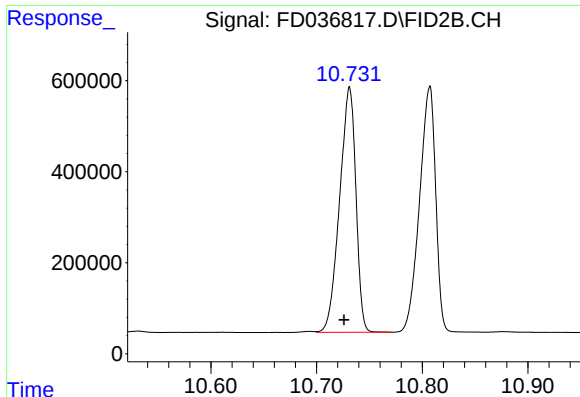
#7 Acenaphthene (C15.5)

R.T.: 8.556 min
Delta R.T.: 0.003 min
Response: 6127280
Conc: 39.47 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.336 min
Delta R.T.: 0.005 min
Response: 6074273
Conc: 40.35 ug/ml



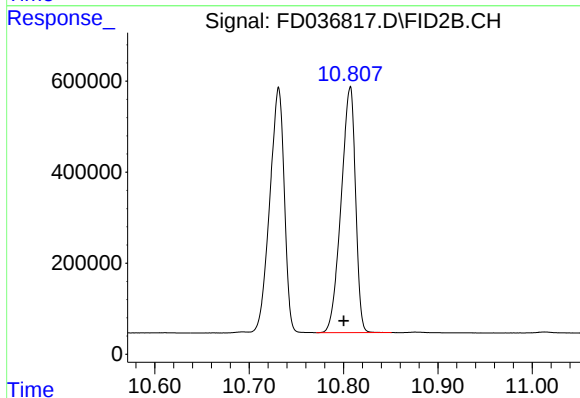
#9 Phenanthrene (C19.36)

R.T.: 10.731 min
Delta R.T.: 0.005 min
Response: 5775493
Conc: 39.40 ug/ml

Instrument :
FID_D
ClientSampleId :
SW-1MS

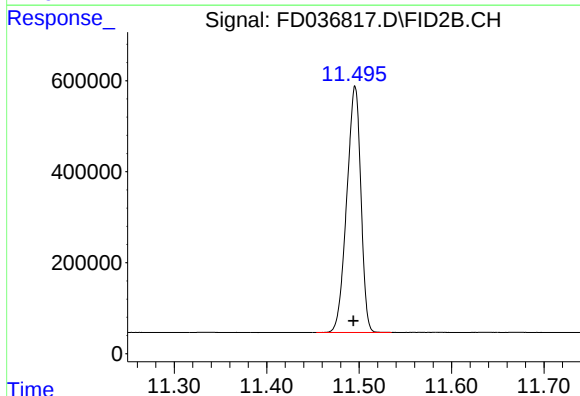
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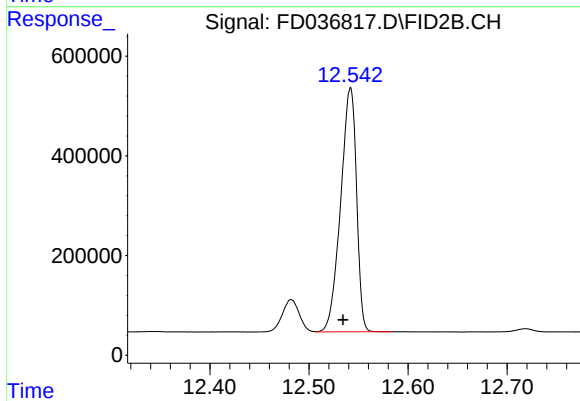
#10 Anthracene (C19.43)

R.T.: 10.807 min
Delta R.T.: 0.007 min
Response: 5728165
Conc: 39.57 ug/ml



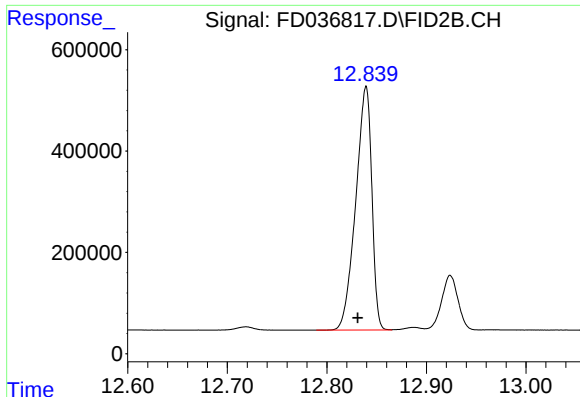
#11 ortho-Terphenyl (SURRE)

R.T.: 11.496 min
Delta R.T.: 0.002 min
Response: 5746482
Conc: 37.63 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.542 min
Delta R.T.: 0.008 min
Response: 5459601
Conc: 38.89 ug/ml



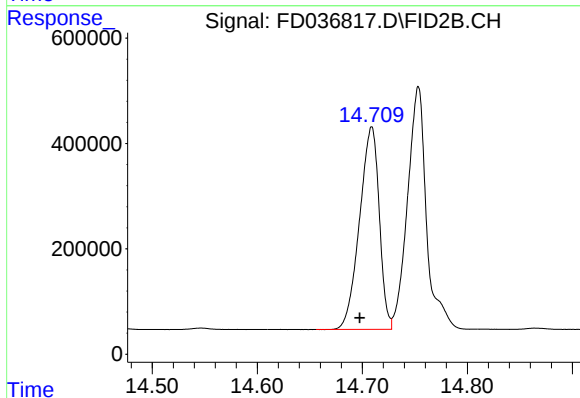
#13 Pyrene (C20.8)

R.T.: 12.839 min
Delta R.T.: 0.008 min
Response: 5393520
Conc: 39.31 ug/ml

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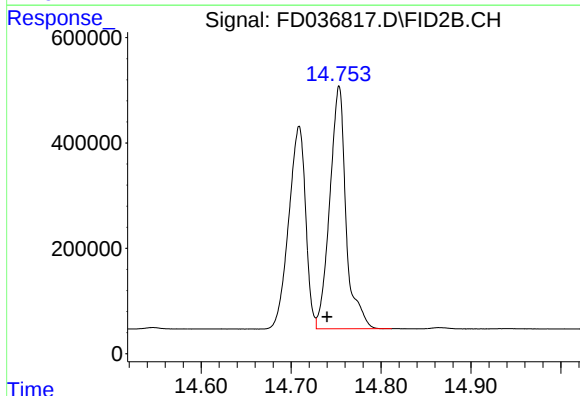
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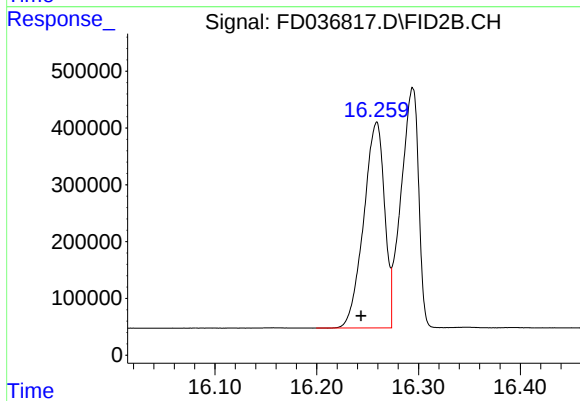
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.709 min
Delta R.T.: 0.011 min
Response: 5011607
Conc: 42.20 ug/ml



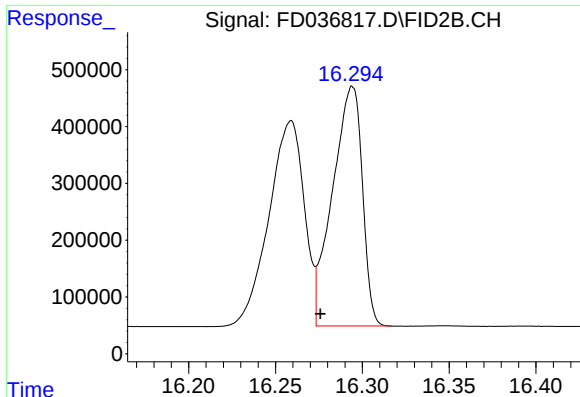
#15 Chrysene (C27.41)

R.T.: 14.753 min
Delta R.T.: 0.013 min
Response: 5795977
Conc: 47.93 ug/ml



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

R.T.: 16.259 min
Delta R.T.: 0.015 min
Response: 5154033
Conc: 46.97 ug/ml



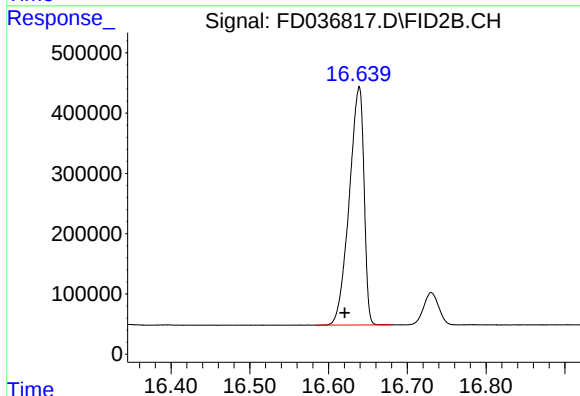
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.294 min
Delta R.T.: 0.018 min
Response: 5019740
Conc: 47.22 ug/ml m

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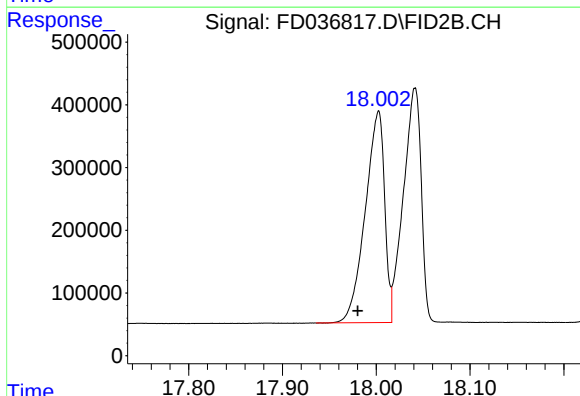
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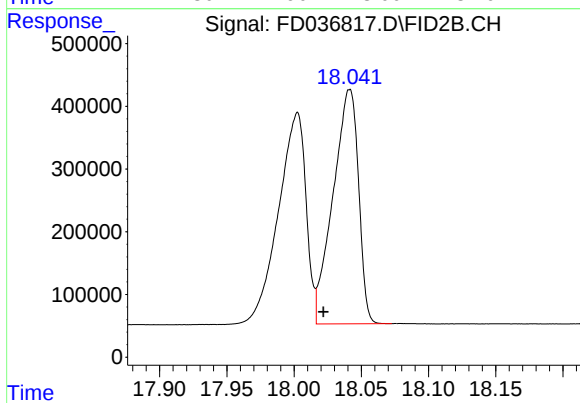
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.639 min
Delta R.T.: 0.018 min
Response: 5144822
Conc: 51.62 ug/ml



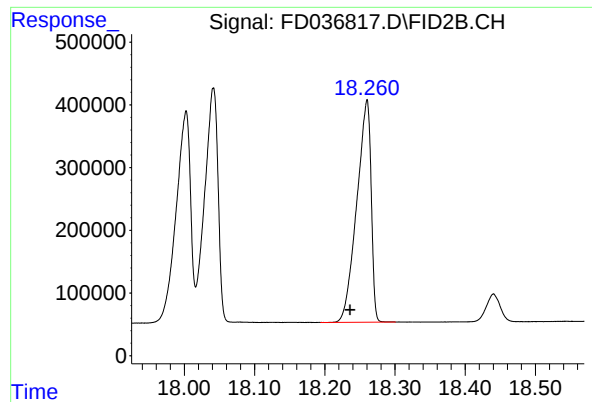
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.002 min
Delta R.T.: 0.022 min
Response: 4833365
Conc: 48.08 ug/ml



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

R.T.: 18.041 min
Delta R.T.: 0.019 min
Response: 4920407
Conc: 48.80 ug/ml



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

R.T.: 18.260 min
Delta R.T.: 0.024 min
Response: 5028584
Conc: 49.63 ug/ml

Instrument :
FID_D
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