

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032321AR\
 Data File : FD036519.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2021 7:44
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Mar 24 11:03:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 10:39:27 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...	7.597	6880672	48.444 ug/ml
Spiked Amount 50.000		Recovery =	96.89%
6) S 2-Fluorobiphenyl (SURR)	8.457	4646018	48.869 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.74%
11) S ortho-Terphenyl (SURR)	11.498	7441132	48.455 ug/ml
Spiked Amount 50.000		Recovery =	96.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.396	7100574	48.137 ug/ml
2) T Naphthalene (C11.7)	5.934	7641088	48.299 ug/ml
3) T 2-Methylnaphthalene (...)	6.987	7661747	48.404 ug/ml
5) T Acenaphthylene (C15.06)	8.261	7365257	48.517 ug/ml
7) T Acenaphthene (C15.5)	8.559	7593667	48.474 ug/ml
8) T Fluorene (C16.55)	9.338	7411308	48.664 ug/ml
9) T Phenanthrene (C19.36)	10.732	7231042	48.740 ug/ml
10) T Anthracene (C19.43)	10.807	7178997	49.132 ug/ml
12) T Fluoranthene (C21.85)	12.541	6933844	49.121 ug/ml
13) T Pyrene (C20.8)	12.839	6782937	49.249 ug/ml
14) T Benzo[a]anthracene (C...	14.706	5927251	49.570 ug/ml
15) T Chrysene (C27.41)	14.750	6036121	49.463 ug/ml
16) T benzo[b]fluoranthene ...	16.252	5439404	49.436 ug/ml
17) T Bnezo[k]fluoranthene ...	16.287	5252826	49.226 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.630	4899971	49.076 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.993	4948629	49.461 ug/ml
20) T Dibenz[a,h]anthracene...	18.032	4892604	47.972 ug/ml
21) T Benzo[g,h,i]perylene ...	18.250	4968186	48.834 ug/ml

(f)=RT Delta > 1/2 Window

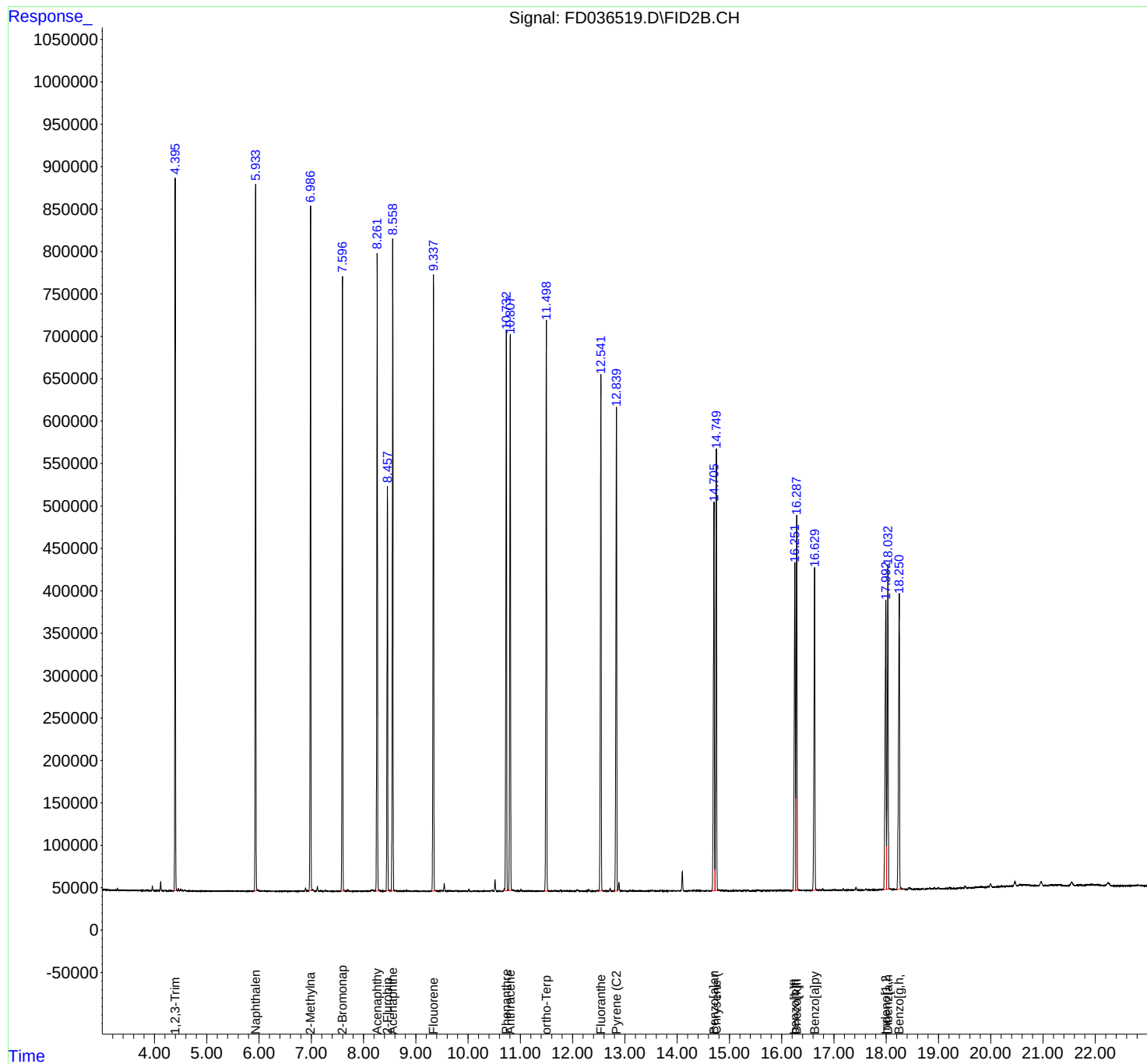
(m)=manual int.

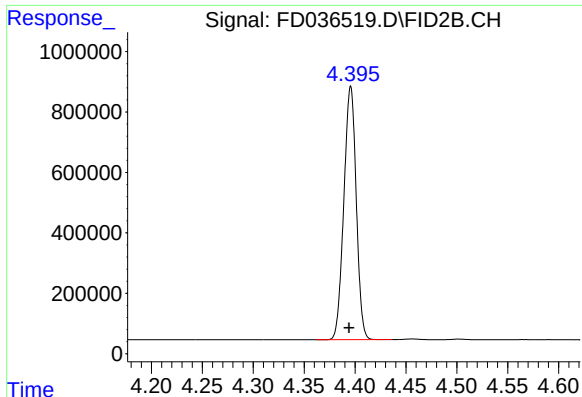
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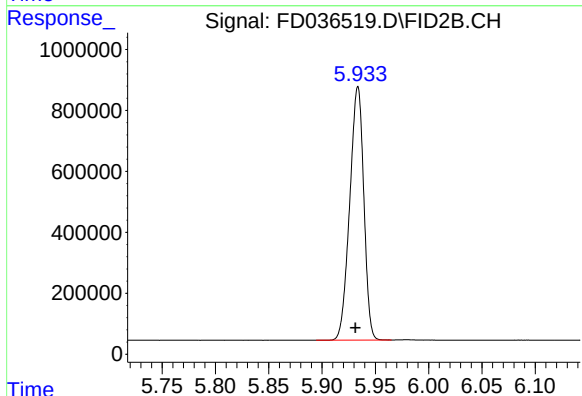




#1 1,2,3-Trimethylbenzene (C10.1)

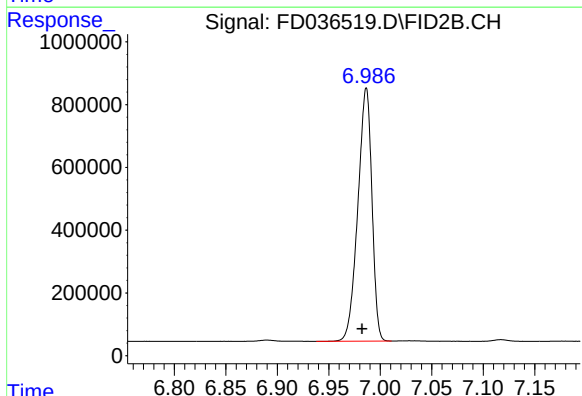
R.T.: 4.396 min
Delta R.T.: 0.002 min
Response: 7100574
Conc: 48.14 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



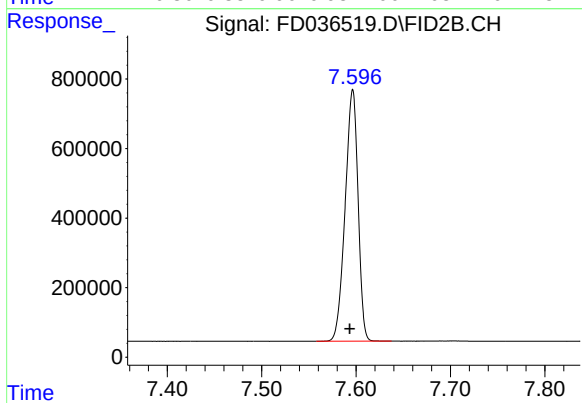
#2 Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: 0.002 min
Response: 7641088
Conc: 48.30 ug/ml



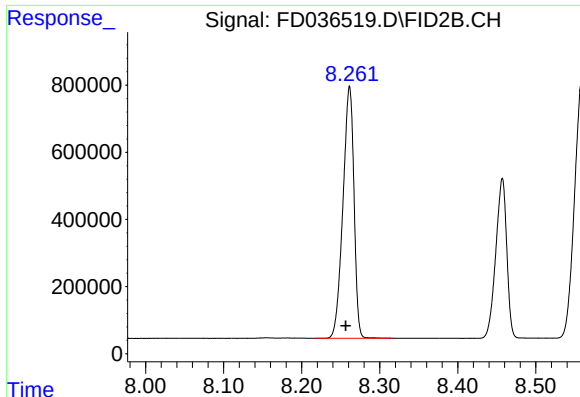
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.987 min
Delta R.T.: 0.004 min
Response: 7661747
Conc: 48.40 ug/ml



#4 2-Bromonaphthalene (SURR)

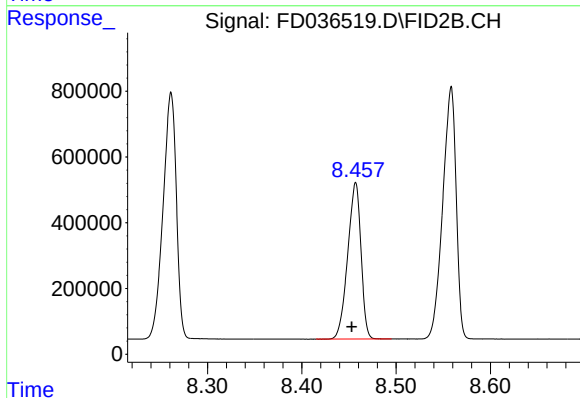
R.T.: 7.597 min
Delta R.T.: 0.003 min
Response: 6880672
Conc: 48.44 ug/ml



#5 Acenaphthylene (C15.06)

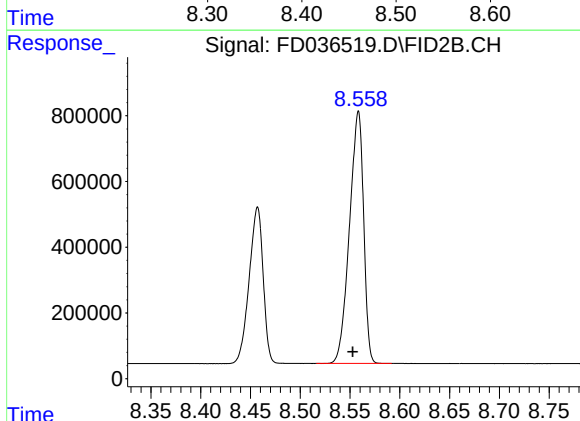
R.T.: 8.261 min
Delta R.T.: 0.005 min
Response: 7365257
Conc: 48.52 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



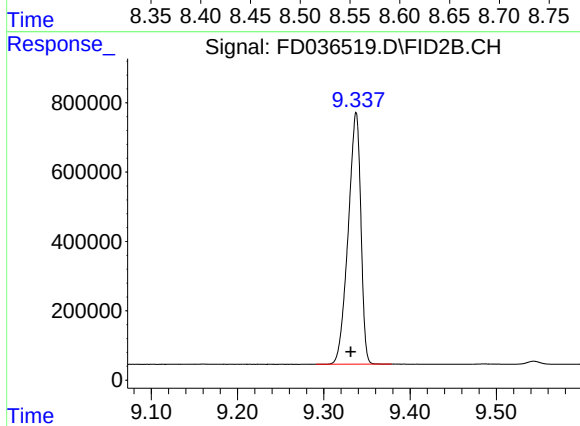
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.457 min
Delta R.T.: 0.004 min
Response: 4646018
Conc: 48.87 ug/ml



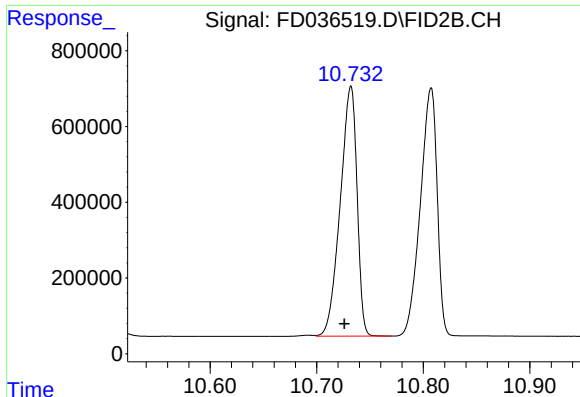
#7 Acenaphthene (C15.5)

R.T.: 8.559 min
Delta R.T.: 0.006 min
Response: 7593667
Conc: 48.47 ug/ml



#8 Flouorene (C16.55)

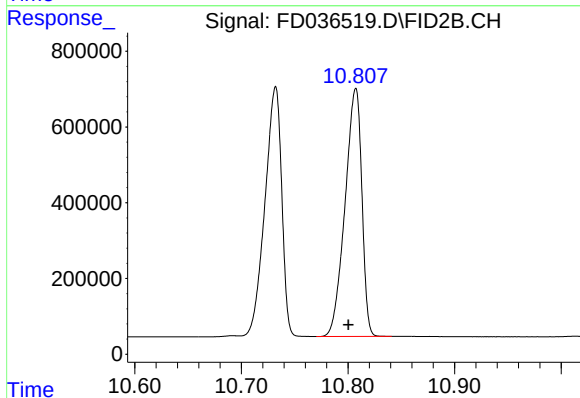
R.T.: 9.338 min
Delta R.T.: 0.006 min
Response: 7411308
Conc: 48.66 ug/ml



#9 Phenanthrene (C19.36)

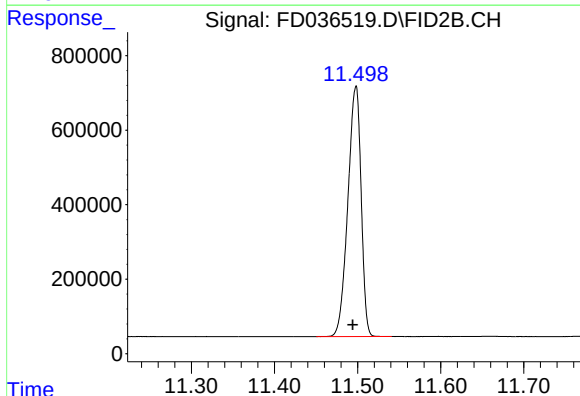
R.T.: 10.732 min
Delta R.T.: 0.006 min
Response: 7231042
Conc: 48.74 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



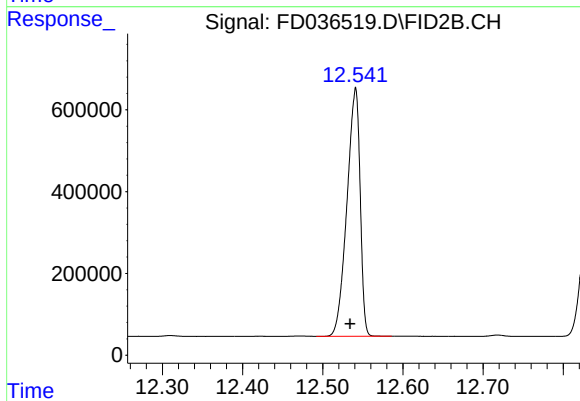
#10 Anthracene (C19.43)

R.T.: 10.807 min
Delta R.T.: 0.007 min
Response: 7178997
Conc: 49.13 ug/ml



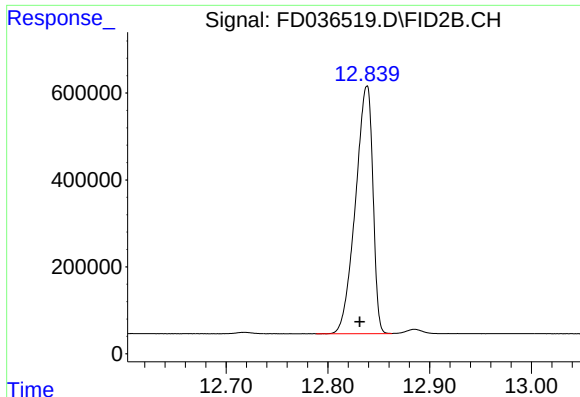
#11 ortho-Terphenyl (SURR)

R.T.: 11.498 min
Delta R.T.: 0.004 min
Response: 7441132
Conc: 48.45 ug/ml



#12 Fluoranthene (C21.85)

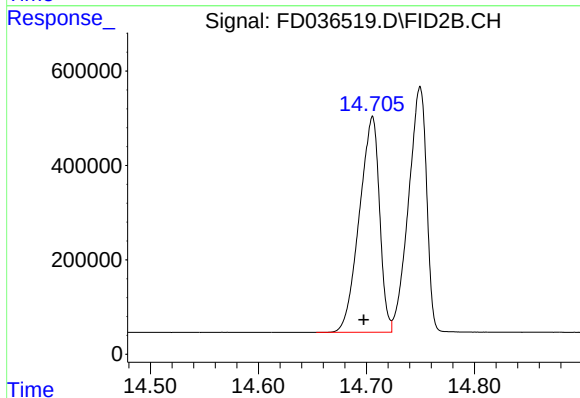
R.T.: 12.541 min
Delta R.T.: 0.007 min
Response: 6933844
Conc: 49.12 ug/ml



#13 Pyrene (C20.8)

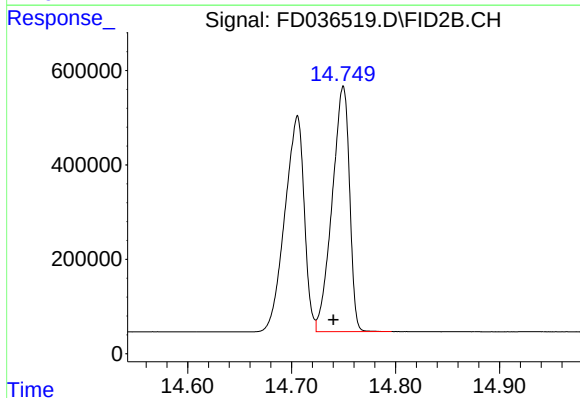
R.T.: 12.839 min
Delta R.T.: 0.007 min
Response: 6782937
Conc: 49.25 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



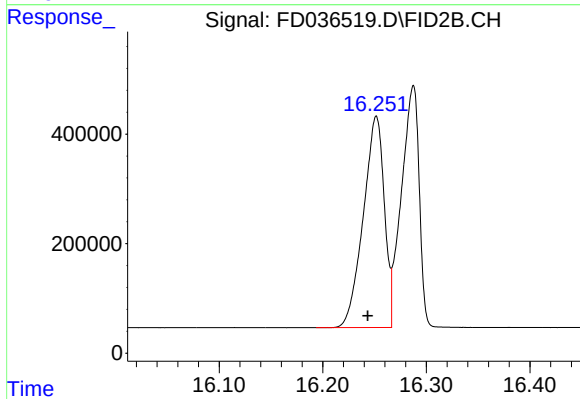
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.706 min
Delta R.T.: 0.008 min
Response: 5927251
Conc: 49.57 ug/ml



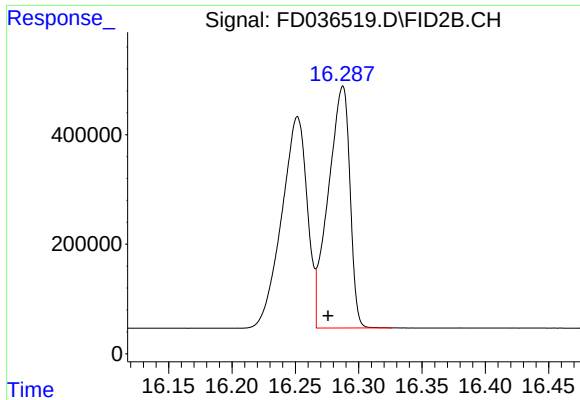
#15 Chrysene (C27.41)

R.T.: 14.750 min
Delta R.T.: 0.009 min
Response: 6036121
Conc: 49.46 ug/ml



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

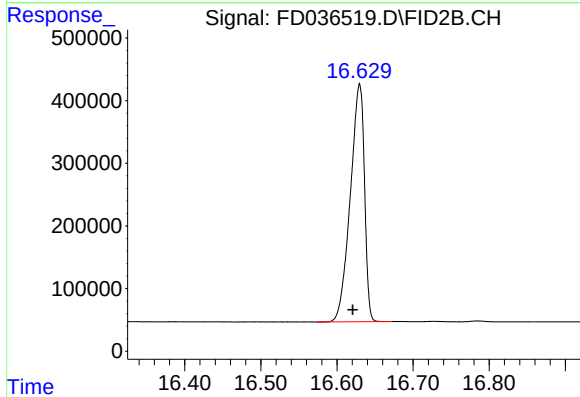
R.T.: 16.252 min
Delta R.T.: 0.008 min
Response: 5439404
Conc: 49.44 ug/ml



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

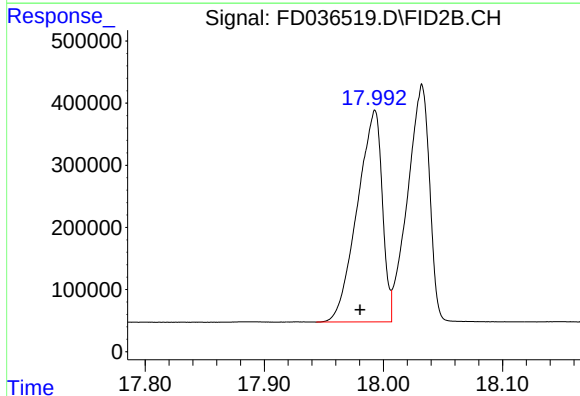
R.T.: 16.287 min
Delta R.T.: 0.011 min
Response: 5252826
Conc: 49.23 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



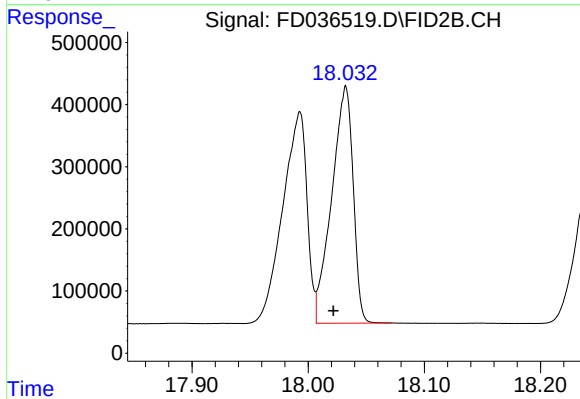
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.630 min
Delta R.T.: 0.009 min
Response: 4899971
Conc: 49.08 ug/ml



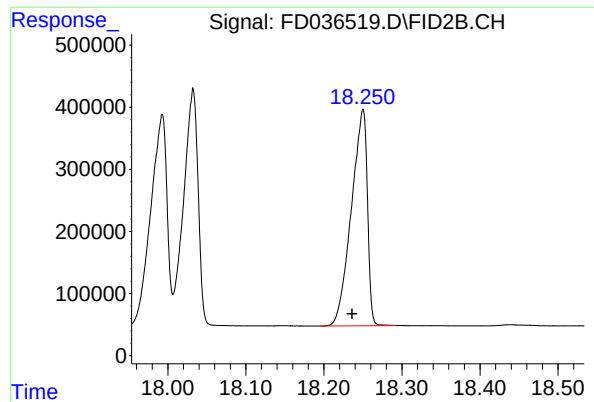
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.993 min
Delta R.T.: 0.012 min
Response: 4948629
Conc: 49.46 ug/ml



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

R.T.: 18.032 min
Delta R.T.: 0.010 min
Response: 4892604
Conc: 47.97 ug/ml



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

R.T.: 18.250 min
Delta R.T.: 0.014 min
Response: 4968186
Conc: 48.83 ug/ml

Instrument :
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ClientSampleId :
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