

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030321AR\
 Data File : FD036319.D
 Signal(s) : FID2B.CH
 Acq On : 04 Mar 2021 7:43
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Mar 04 08:06:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 07:35:24 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...	7.607	621122	5.341 ug/ml
Spiked Amount 50.000		Recovery =	10.68%
6) S 2-Fluorobiphenyl (SURR)	8.469	430669	5.221 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.44%
11) S ortho-Terphenyl (SURR)	11.509	762223	5.524 ug/ml
Spiked Amount 50.000		Recovery =	11.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.408	673415	5.473 ug/ml
2) T Naphthalene (C11.7)	5.946	721053	5.408 ug/ml
3) T 2-Methylnaphthalene (...)	6.997	721525	5.360 ug/ml
5) T Acenaphthylene (C15.06)	8.272	717684	5.425 ug/ml
7) T Acenaphthene (C15.5)	8.567	731383	5.360 ug/ml
8) T Fluorene (C16.55)	9.347	718740	5.338 ug/ml
9) T Phenanthrene (C19.36)	10.742	730282	5.381 ug/ml
10) T Anthracene (C19.43)	10.816	709523	5.361 ug/ml
12) T Fluoranthene (C21.85)	12.551	746806	5.481 ug/ml
13) T Pyrene (C20.8)	12.848	738033	5.488 ug/ml
14) T Benzo[a]anthracene (C...	14.717	674808	5.426 ug/ml
15) T Chrysene (C27.41)	14.759	694771	5.465 ug/ml
16) T benzo[b]fluoranthene ...	16.264	645166	5.382 ug/ml
17) T Bnezo[k]fluoranthene ...	16.294	632749	5.476 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.640	584438	5.380 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.001	576549	5.267 ug/ml
20) T Dibenz[a,h]anthracene...	18.042	607503	5.627 ug/ml
21) T Benzo[g,h,i]perylene ...	18.254	588214	5.406 ug/ml

(f)=RT Delta > 1/2 Window

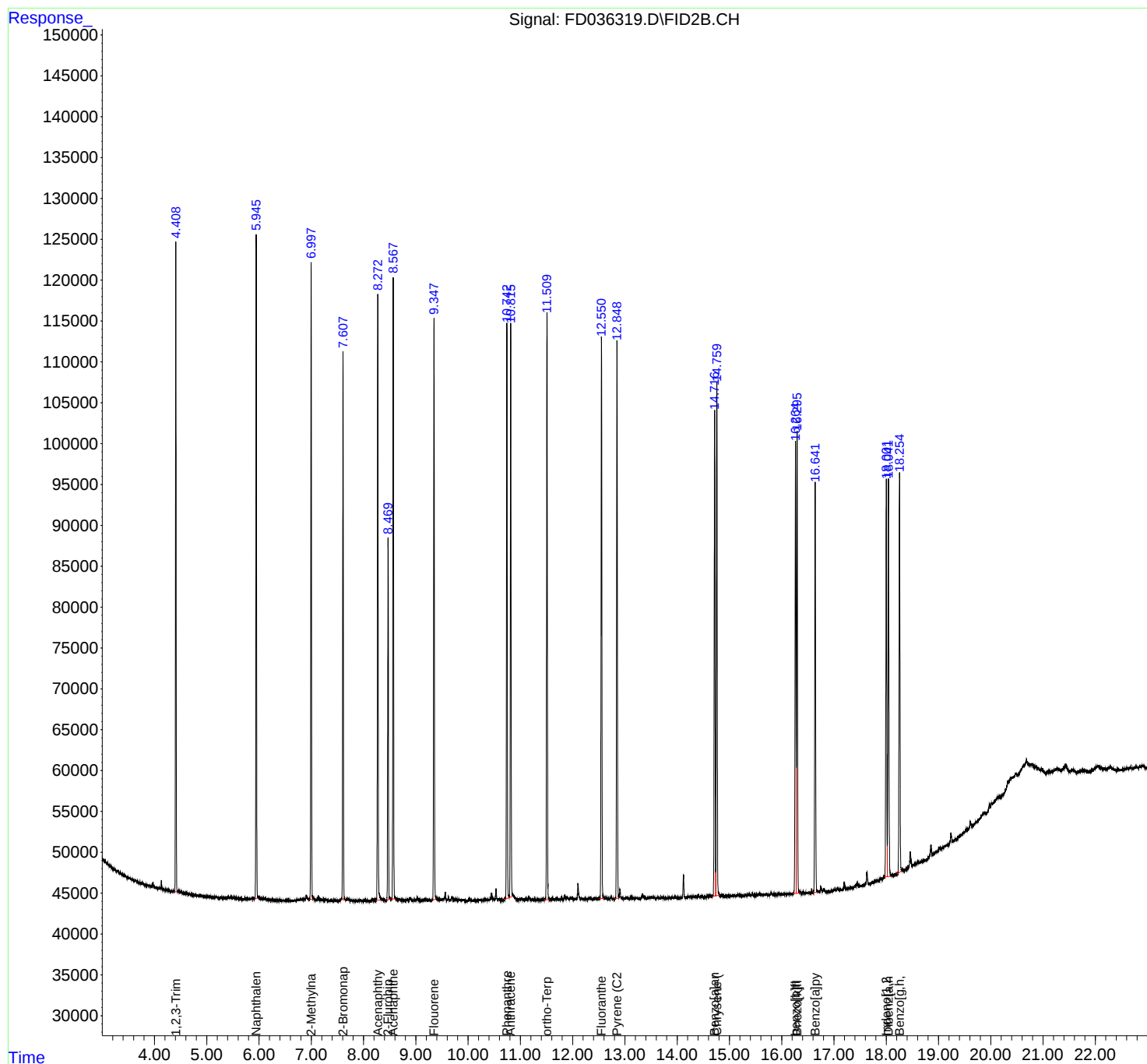
(m)=manual int.

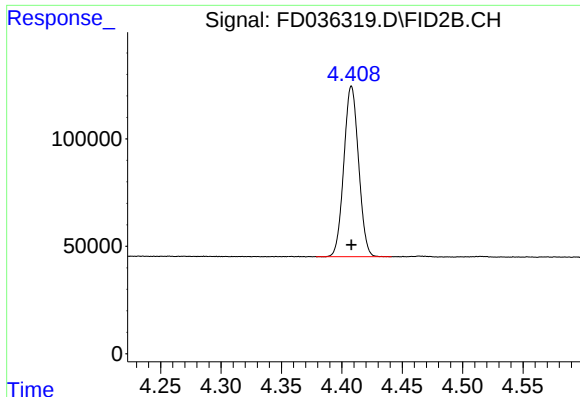
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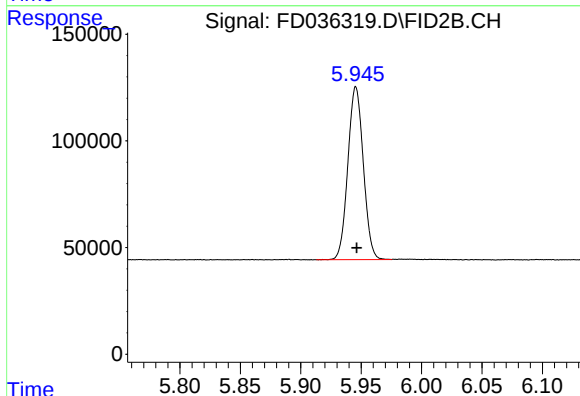




#1 1,2,3-Trimethylbenzene (C10.1)

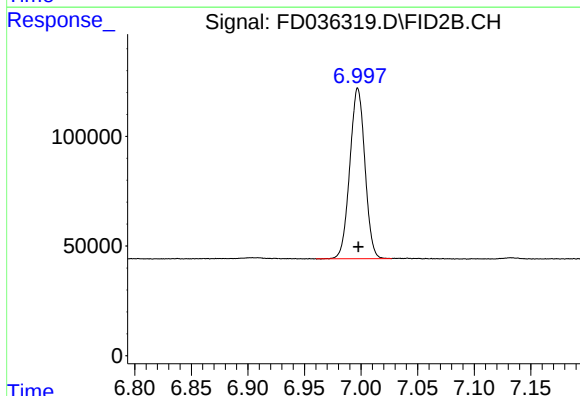
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 673415
Conc: 5.47 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



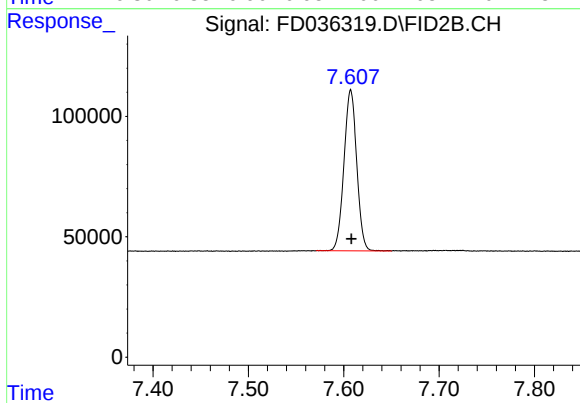
#2 Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 721053
Conc: 5.41 ug/ml



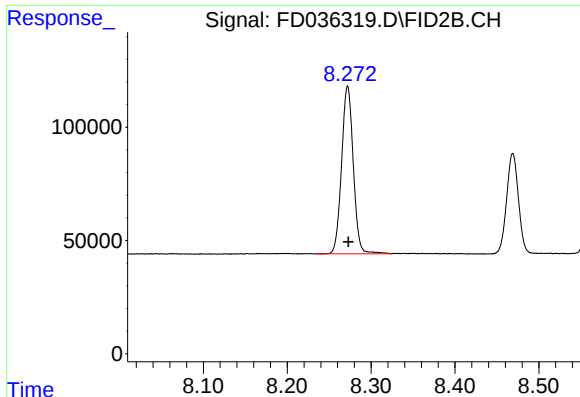
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 721525
Conc: 5.36 ug/ml



#4 2-Bromonaphthalene (SURR)

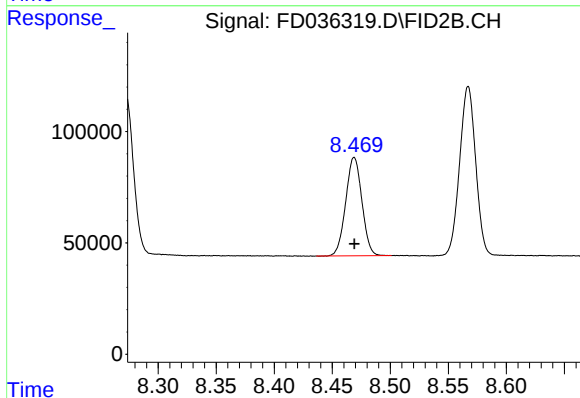
R.T.: 7.607 min
Delta R.T.: 0.000 min
Response: 621122
Conc: 5.34 ug/ml



#5 Acenaphthylene (C15.06)

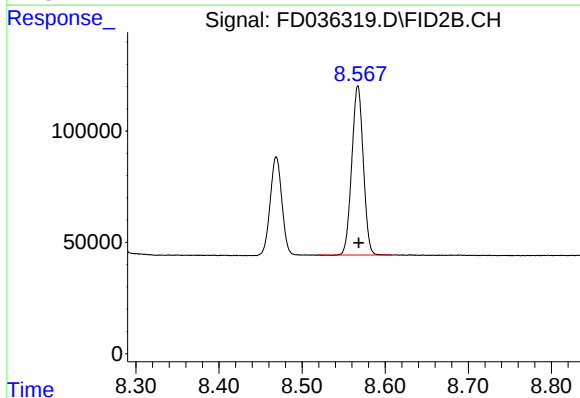
R.T.: 8.272 min
Delta R.T.: 0.000 min
Response: 717684
Conc: 5.43 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



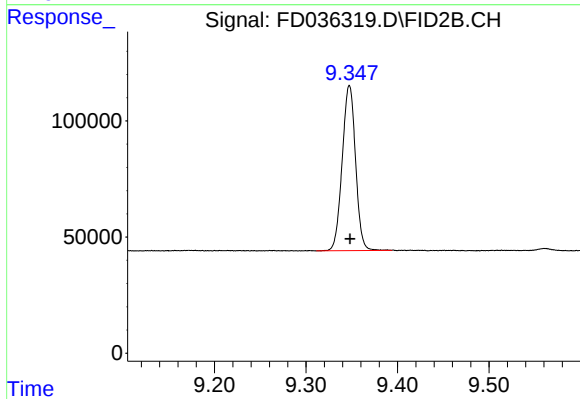
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.469 min
Delta R.T.: 0.000 min
Response: 430669
Conc: 5.22 ug/ml



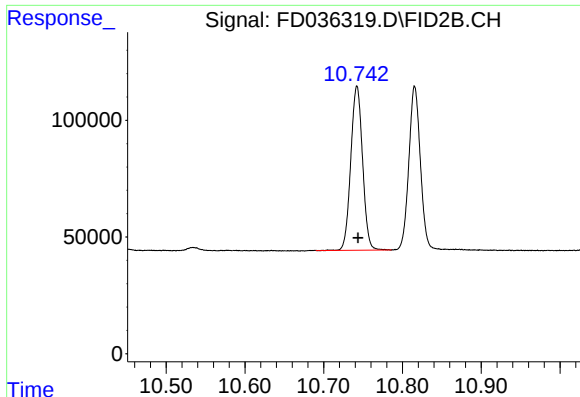
#7 Acenaphthene (C15.5)

R.T.: 8.567 min
Delta R.T.: -0.001 min
Response: 731383
Conc: 5.36 ug/ml



#8 Flouorene (C16.55)

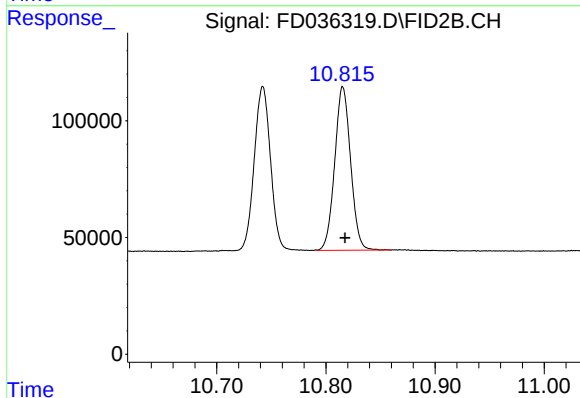
R.T.: 9.347 min
Delta R.T.: 0.000 min
Response: 718740
Conc: 5.34 ug/ml



#9 Phenanthrene (C19.36)

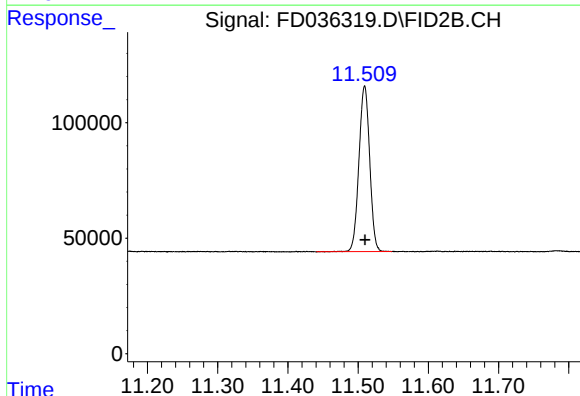
R.T.: 10.742 min
Delta R.T.: -0.001 min
Response: 730282
Conc: 5.38 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



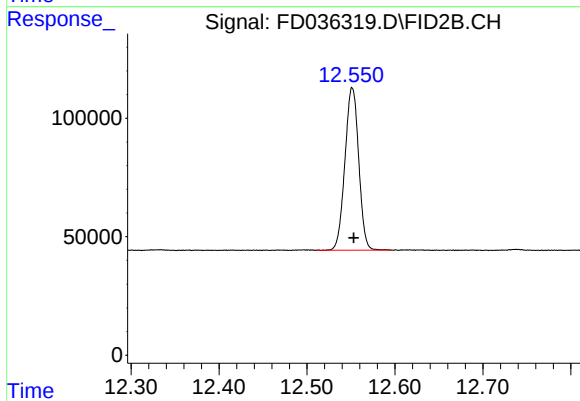
#10 Anthracene (C19.43)

R.T.: 10.816 min
Delta R.T.: -0.002 min
Response: 709523
Conc: 5.36 ug/ml



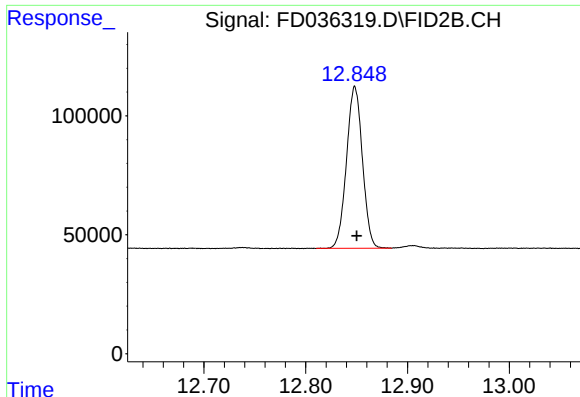
#11 ortho-Terphenyl (SURR)

R.T.: 11.509 min
Delta R.T.: 0.000 min
Response: 762223
Conc: 5.52 ug/ml



#12 Fluoranthene (C21.85)

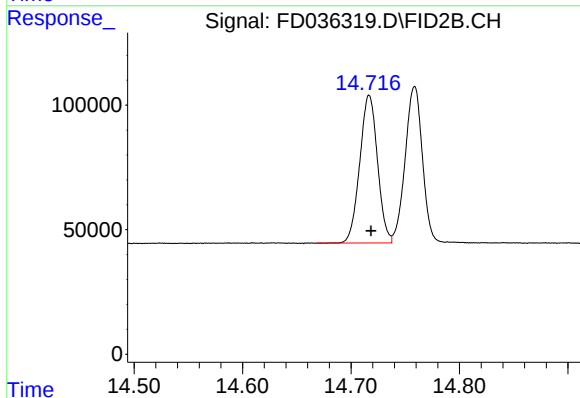
R.T.: 12.551 min
Delta R.T.: -0.002 min
Response: 746806
Conc: 5.48 ug/ml



#13 Pyrene (C20.8)

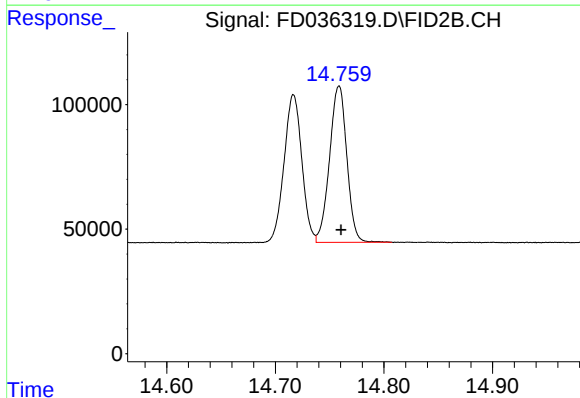
R.T.: 12.848 min
Delta R.T.: -0.002 min
Response: 738033
Conc: 5.49 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



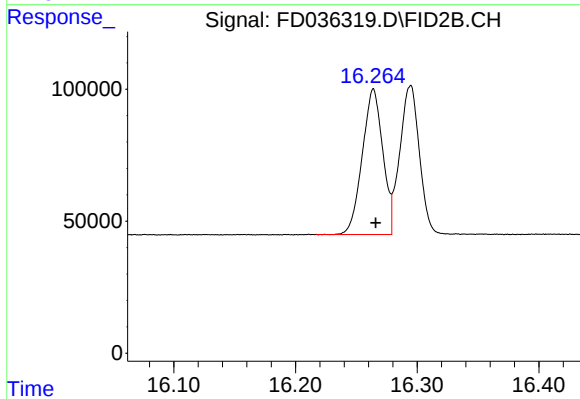
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.717 min
Delta R.T.: -0.002 min
Response: 674808
Conc: 5.43 ug/ml



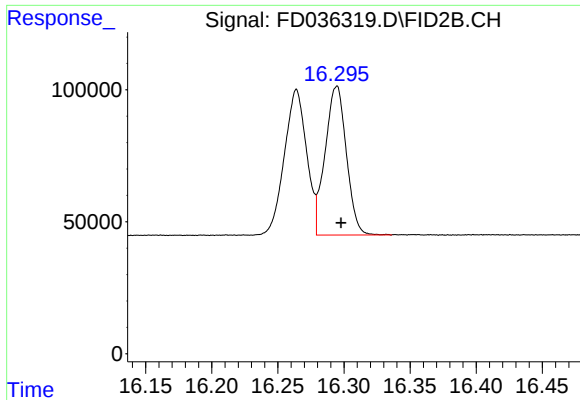
#15 Chrysene (C27.41)

R.T.: 14.759 min
Delta R.T.: -0.002 min
Response: 694771
Conc: 5.46 ug/ml



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

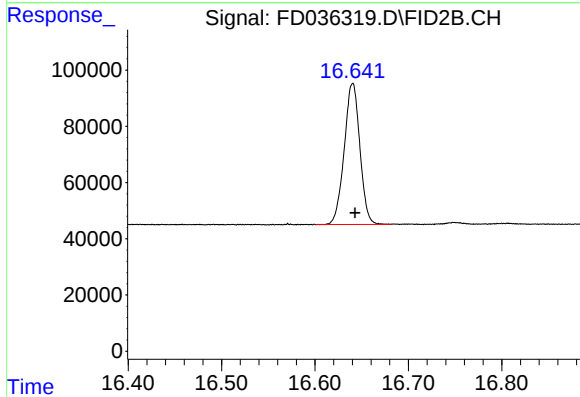
R.T.: 16.264 min
Delta R.T.: -0.002 min
Response: 645166
Conc: 5.38 ug/ml



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

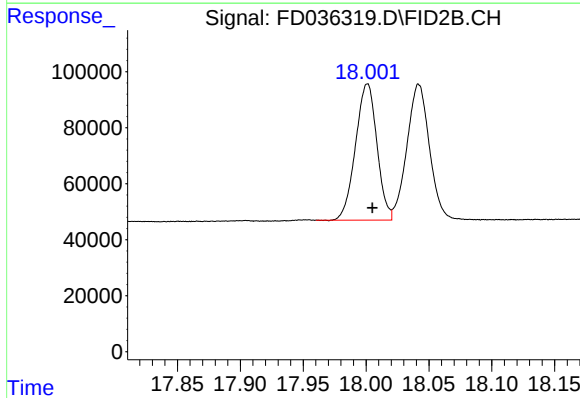
R.T.: 16.294 min
Delta R.T.: -0.003 min
Response: 632749
Conc: 5.48 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



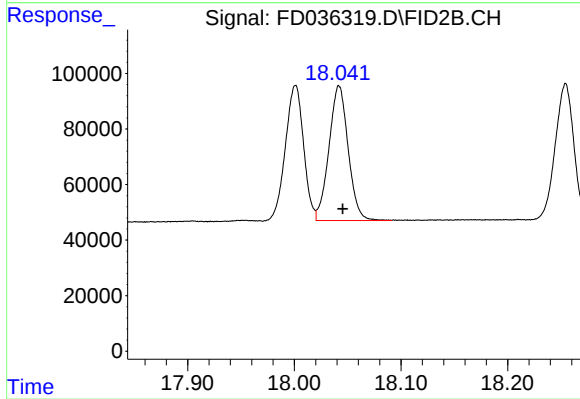
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.640 min
Delta R.T.: -0.003 min
Response: 584438
Conc: 5.38 ug/ml



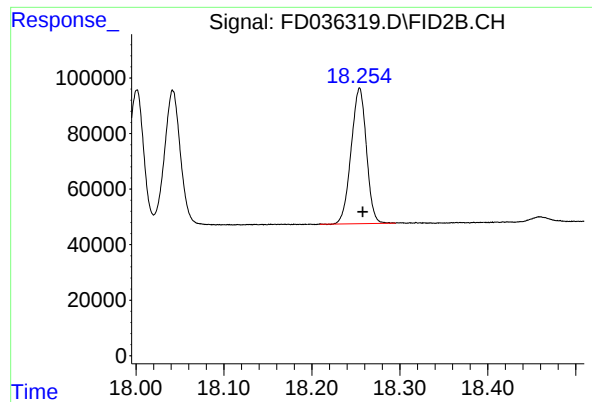
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.001 min
Delta R.T.: -0.004 min
Response: 576549
Conc: 5.27 ug/ml



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

R.T.: 18.042 min
Delta R.T.: -0.004 min
Response: 607503
Conc: 5.63 ug/ml



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

R.T.: 18.254 min
Delta R.T.: -0.004 min
Response: 588214
Conc: 5.41 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5