

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041621AR\
 Data File : FD036948.D
 Signal(s) : FID2B.CH
 Acq On : 16 Apr 2021 2:48
 Operator : DD\AJ
 Sample : M2040-07MSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 16 03:21:07 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...	7.589	7548593	53.672 ug/ml
Spiked Amount 50.000		Recovery =	107.34%
6) S 2-Fluorobiphenyl (SURR)	8.448	3401659	36.239 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.48%
11) S ortho-Terphenyl (SURR)	11.493	7730025	50.612 ug/ml
Spiked Amount 50.000		Recovery =	101.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.386	4454170	30.387 ug/ml
2) T Naphthalene (C11.7)	5.924	5691905	36.217 ug/ml
3) T 2-Methylnaphthalene (...)	6.977	6407606	40.770 ug/ml
5) T Acenaphthylene (C15.06)	8.253	7452952	49.739 ug/ml
7) T Acenaphthene (C15.5)	8.550	7435332	47.897 ug/ml
8) T Fluorene (C16.55)	9.330	7488047	49.735 ug/ml
9) T Phenanthrene (C19.36)	10.727	7859613	53.623 ug/ml
10) T Anthracene (C19.43)	10.802	7208575	49.794 ug/ml
12) T Fluoranthene (C21.85)	12.541	7678798	54.694 ug/ml
13) T Pyrene (C20.8)	12.838	7329757	53.423 ug/ml
14) T Benzo[a]anthracene (C...	14.713	7027456	59.174 ug/ml
15) T Chrysene (C27.41)	14.758	7371376	60.954 ug/ml
16) T benzo[b]fluoranthene ...	16.269	7332831	66.825 ug/ml
17) T Bnezo[k]fluoranthene ...	16.269	7332831	68.983 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.650	7048729	70.727 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.014	6541061	65.073 ug/ml
20) T Dibenz[a,h]anthracene...	18.014	6541061	64.870 ug/ml
21) T Benzo[g,h,i]perylene ...	18.272	6555746	64.702 ug/ml

(f)=RT Delta > 1/2 Window

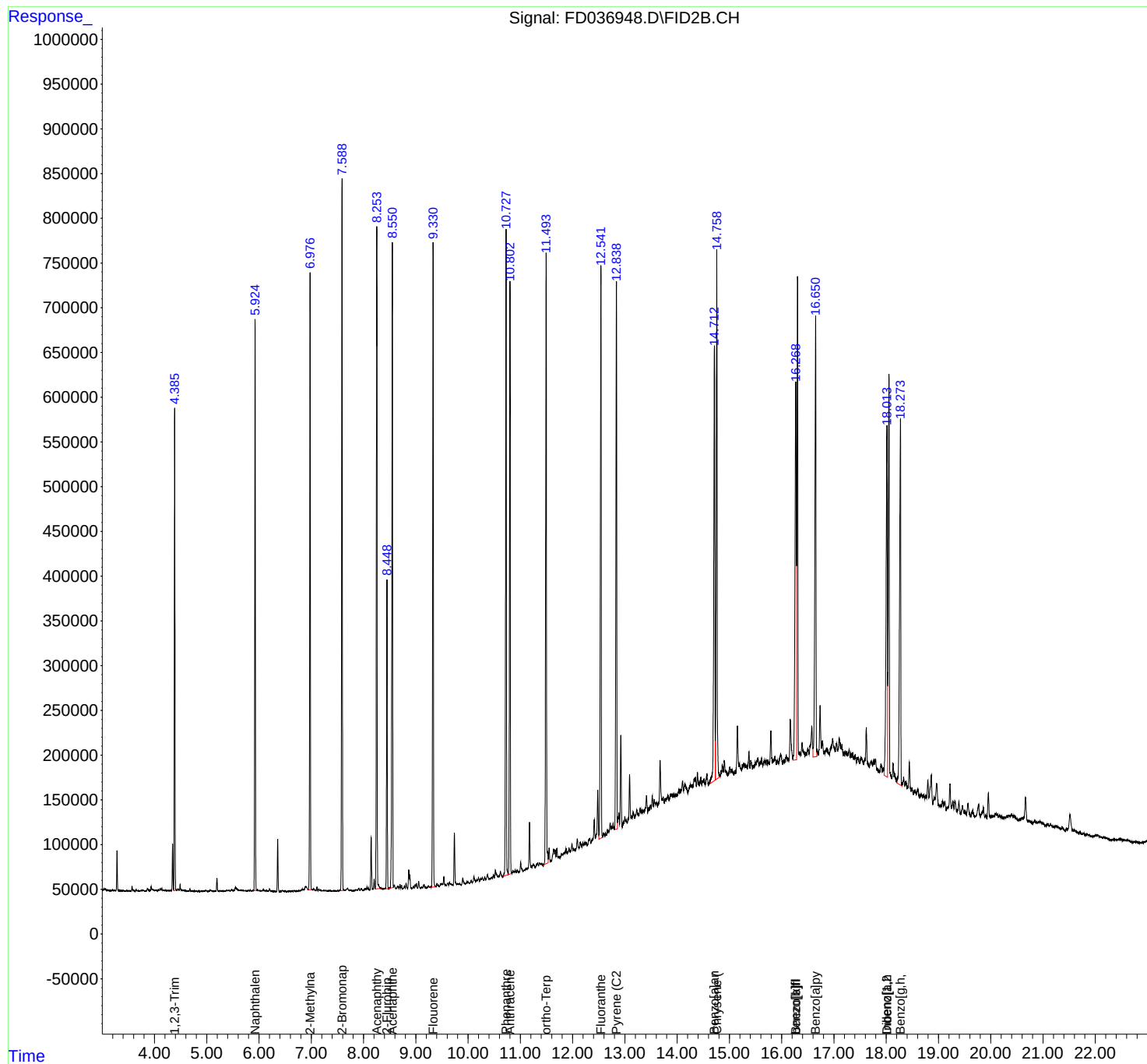
(m)=manual int.

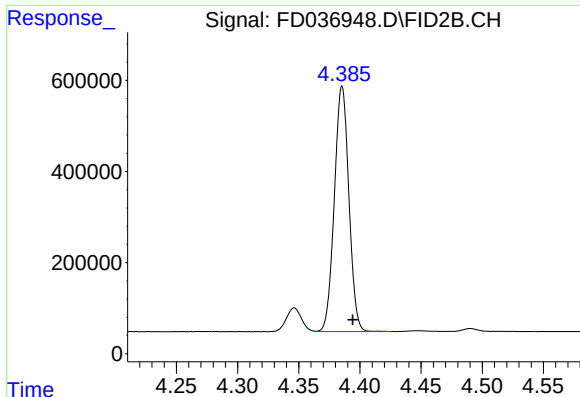
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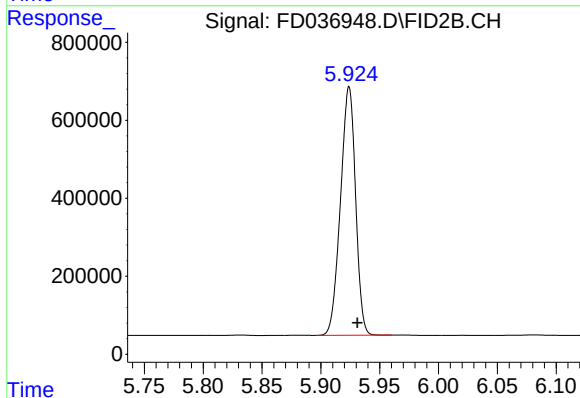




#1 1,2,3-Trimethylbenzene (C10.1)

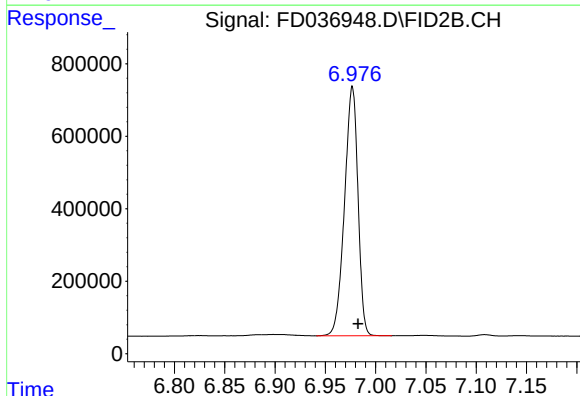
R.T.: 4.386 min
Delta R.T.: -0.008 min
Response: 4454170
Conc: 30.39 ug/ml

Instrument :
FID_D
ClientSampleId :



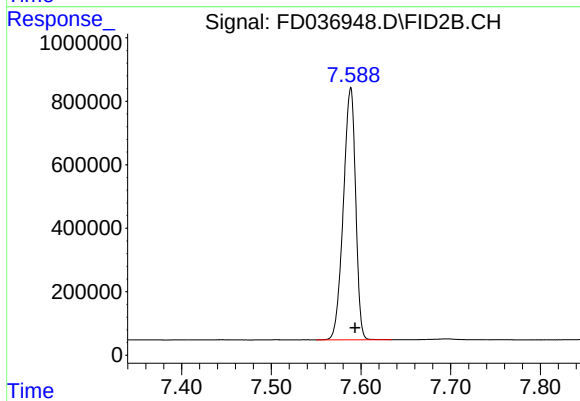
#2 Naphthalene (C11.7)

R.T.: 5.924 min
Delta R.T.: -0.007 min
Response: 5691905
Conc: 36.22 ug/ml



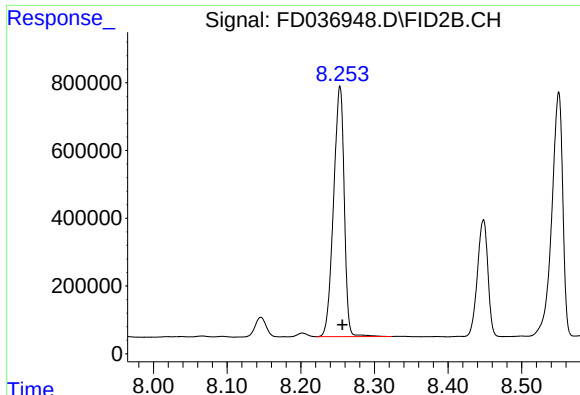
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.977 min
Delta R.T.: -0.006 min
Response: 6407606
Conc: 40.77 ug/ml



#4 2-Bromonaphthalene (SURR)

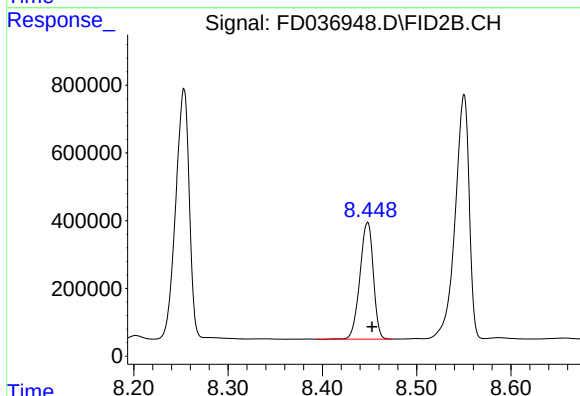
R.T.: 7.589 min
Delta R.T.: -0.004 min
Response: 7548593
Conc: 53.67 ug/ml



#5 Acenaphthylene (C15.06)

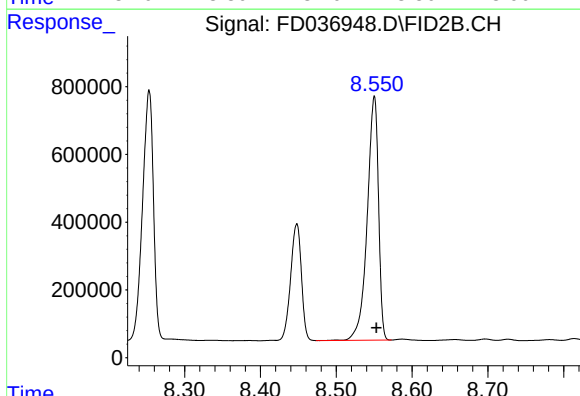
R.T.: 8.253 min
Delta R.T.: -0.003 min
Response: 7452952
Conc: 49.74 ug/ml

Instrument :
FID_D
ClientSampleId :



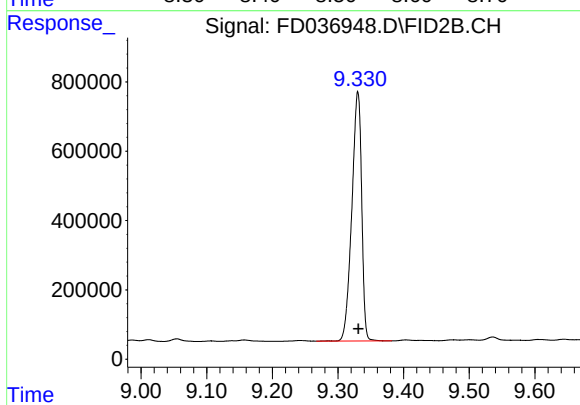
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.448 min
Delta R.T.: -0.005 min
Response: 3401659
Conc: 36.24 ug/ml



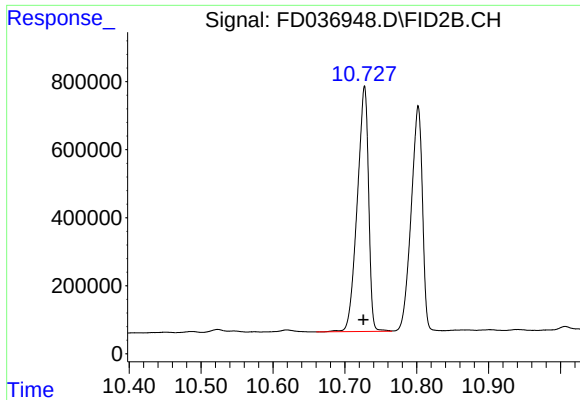
#7 Acenaphthene (C15.5)

R.T.: 8.550 min
Delta R.T.: -0.002 min
Response: 7435332
Conc: 47.90 ug/ml



#8 Flouorene (C16.55)

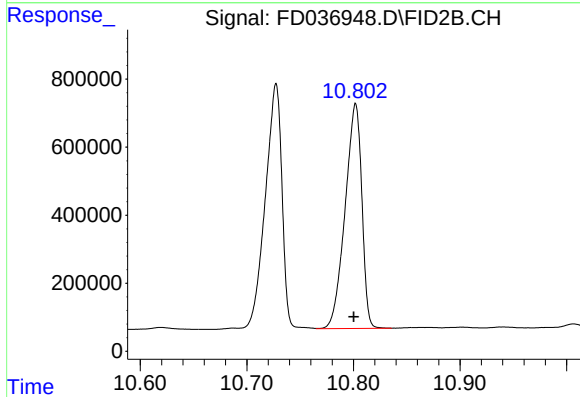
R.T.: 9.330 min
Delta R.T.: -0.001 min
Response: 7488047
Conc: 49.74 ug/ml



#9 Phenanthrene (C19.36)

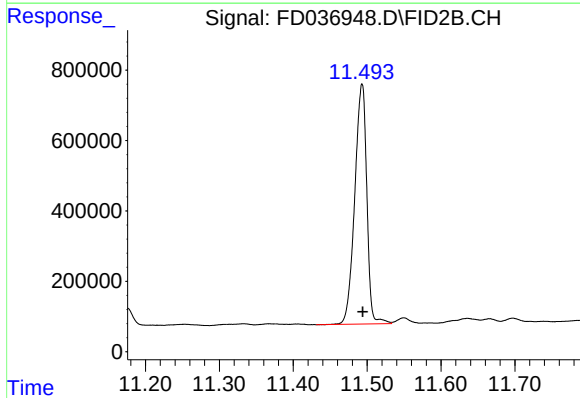
R.T.: 10.727 min
Delta R.T.: 0.001 min
Response: 7859613
Conc: 53.62 ug/ml

Instrument :
FID_D
ClientSampleId :



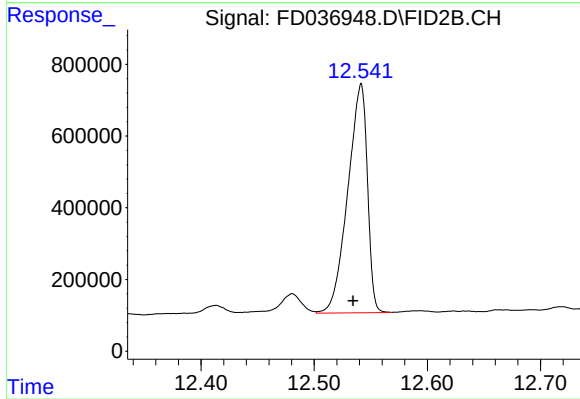
#10 Anthracene (C19.43)

R.T.: 10.802 min
Delta R.T.: 0.002 min
Response: 7208575
Conc: 49.79 ug/ml



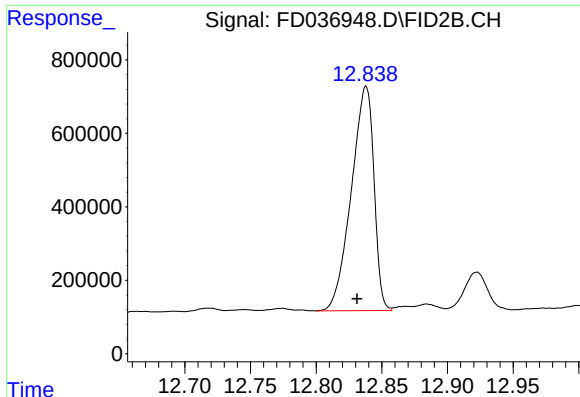
#11 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: 0.000 min
Response: 7730025
Conc: 50.61 ug/ml



#12 Fluoranthene (C21.85)

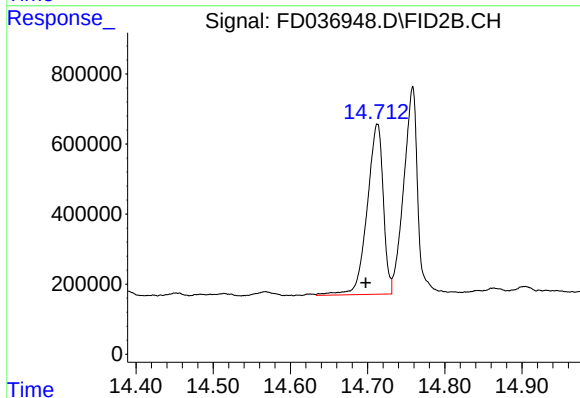
R.T.: 12.541 min
Delta R.T.: 0.007 min
Response: 7678798
Conc: 54.69 ug/ml



#13 Pyrene (C20.8)

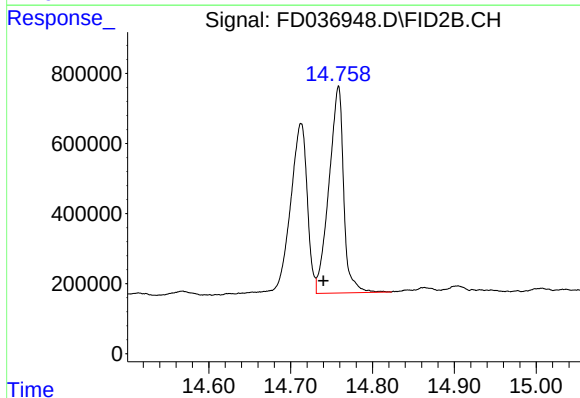
R.T.: 12.838 min
Delta R.T.: 0.007 min
Response: 7329757
Conc: 53.42 ug/ml

Instrument :
FID_D
ClientSampleId :



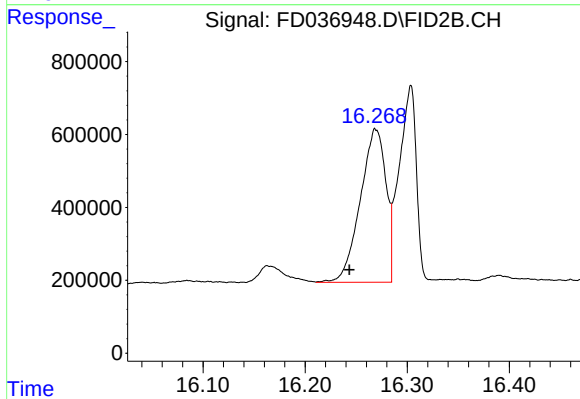
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.713 min
Delta R.T.: 0.015 min
Response: 7027456
Conc: 59.17 ug/ml



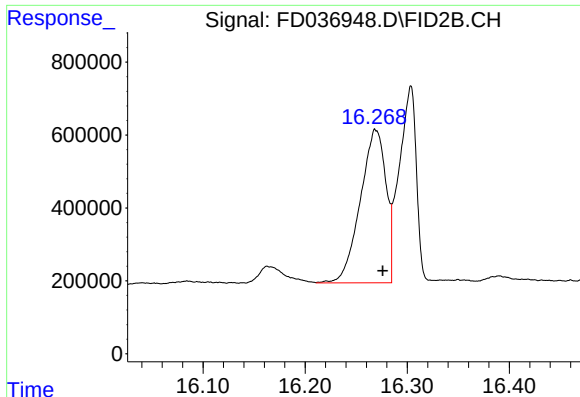
#15 Chrysene (C27.41)

R.T.: 14.758 min
Delta R.T.: 0.018 min
Response: 7371376
Conc: 60.95 ug/ml



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

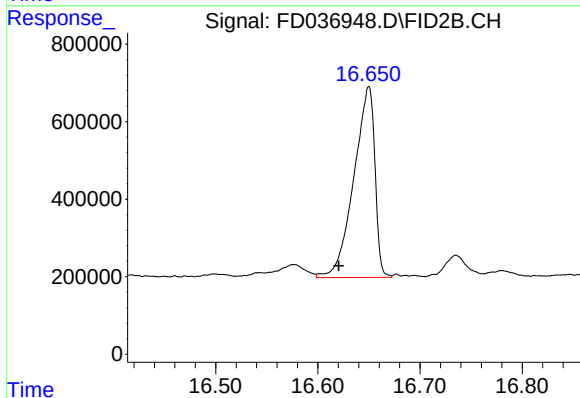
R.T.: 16.269 min
Delta R.T.: 0.025 min
Response: 7332831
Conc: 66.83 ug/ml



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

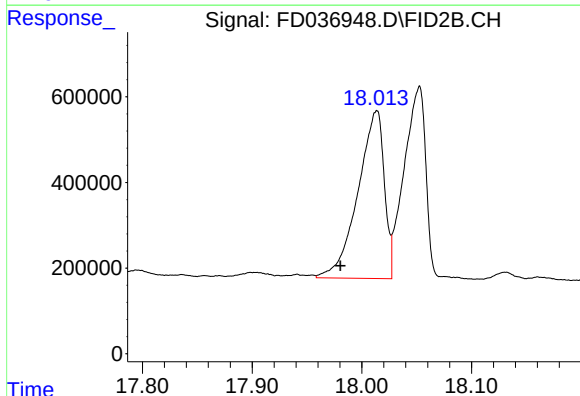
R.T.: 16.269 min
Delta R.T.: -0.007 min
Response: 7332831
Conc: 68.98 ug/ml

Instrument :
FID_D
ClientSampleId :



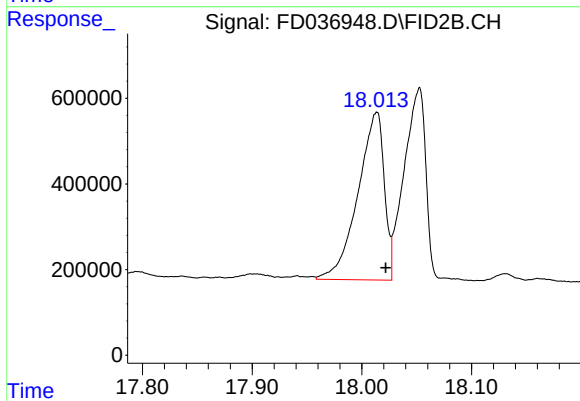
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.650 min
Delta R.T.: 0.029 min
Response: 7048729
Conc: 70.73 ug/ml



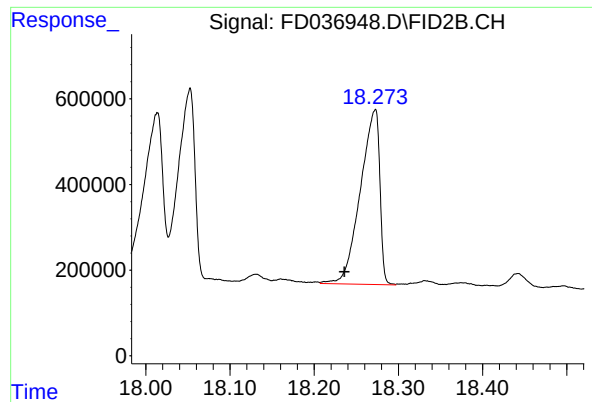
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.014 min
Delta R.T.: 0.033 min
Response: 6541061
Conc: 65.07 ug/ml



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

R.T.: 18.014 min
Delta R.T.: -0.008 min
Response: 6541061
Conc: 64.87 ug/ml



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

R.T.: 18.272 min
Delta R.T.: 0.036 min
Response: 6555746
Conc: 64.70 ug/ml

Instrument :
FID_D
ClientSampleId :