

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120621AR\
 Data File : FD039723.D
 Signal(s) : FID2B.CH
 Acq On : 06 Dec 2021 19:14
 Operator : AJ\MA
 Sample : PB141191BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141191BSD

Integration File: autoint1.e
 Quant Time: Dec 07 00:24:28 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112321.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 24 04:30:20 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...	7.742	5692412	50.879 ug/ml
Spiked Amount 50.000		Recovery =	101.76%
6) S 2-Fluorobiphenyl (SURR)	8.612	3872038	51.630 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.26%
11) S ortho-Terphenyl (SURR)	11.656	6316749	51.074 ug/ml
Spiked Amount 50.000		Recovery =	102.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	4338017	35.024 ug/ml
2) T Naphthalene (C11.7)	6.076	5015018	39.216 ug/ml
3) T 2-Methylnaphthalene (...)	7.131	5027299	38.693 ug/ml
5) T Acenaphthylene (C15.06)	8.414	5267164	43.866 ug/ml
7) T Acenaphthene (C15.5)	8.710	5621118	44.138 ug/ml
8) T Flouorene (C16.55)	9.493	5488182	44.678 ug/ml
9) T Phenanthrene (C19.36)	10.896	5614548	46.809 ug/ml
10) T Anthracene (C19.43)	10.972	5556841	46.394 ug/ml
12) T Fluoranthene (C21.85)	12.714	5644428	47.348 ug/ml
13) T Pyrene (C20.8)	13.013	5510647	48.467 ug/ml
14) T Benzo[a]anthracene (C...	14.888	5198210	53.181 ug/ml
15) T Chrysene (C27.41)	14.932	5805308	50.992 ug/ml
16) T benzo[b]fluoranthene ...	16.444	5272196	53.592 ug/ml
17) T Bnezo[k]fluoranthene ...	16.477	5294510	50.032 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.825	5131113	53.240 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.192	4703540	50.459 ug/ml
20) T Dibenz[a,h]anthracene...	18.228	5096965	49.765 ug/ml
21) T Benzo[g,h,i]perylene ...	18.450	5017463	50.761 ug/ml

(f)=RT Delta > 1/2 Window

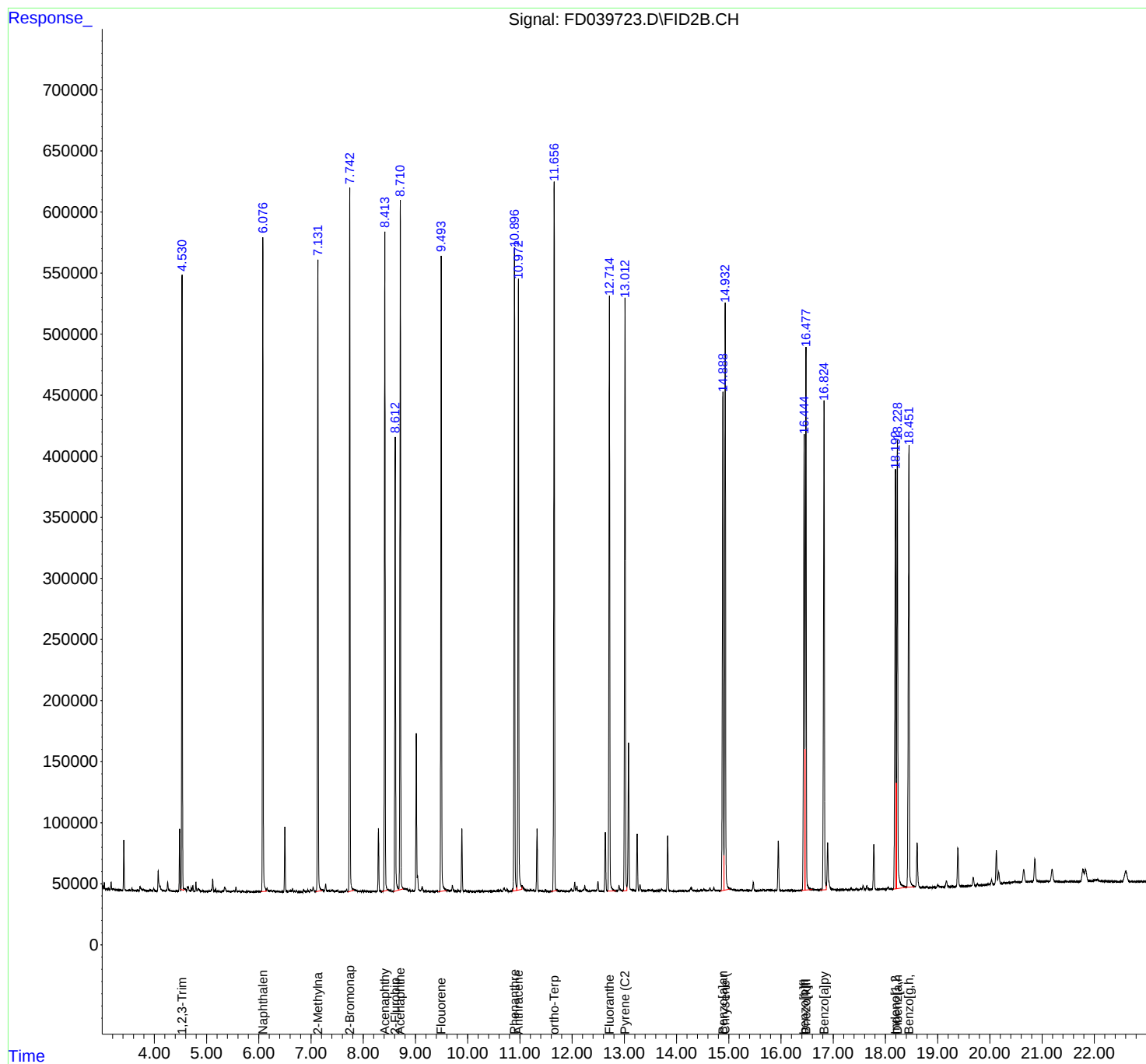
(m)=manual int.

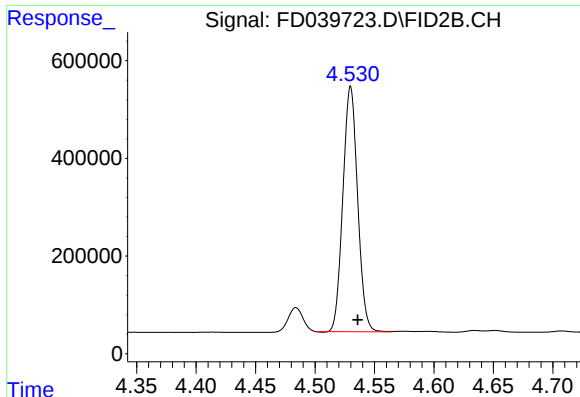
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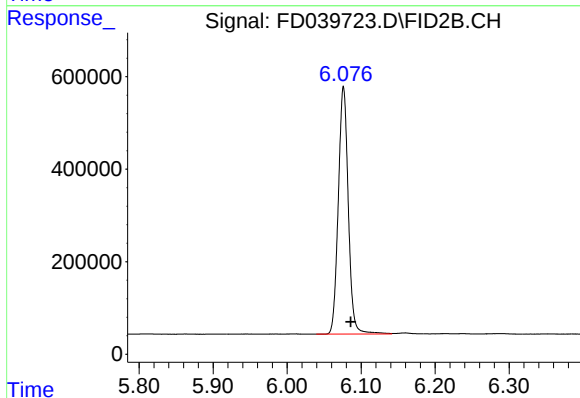




#1 1,2,3-Trimethylbenzene (C10.1)

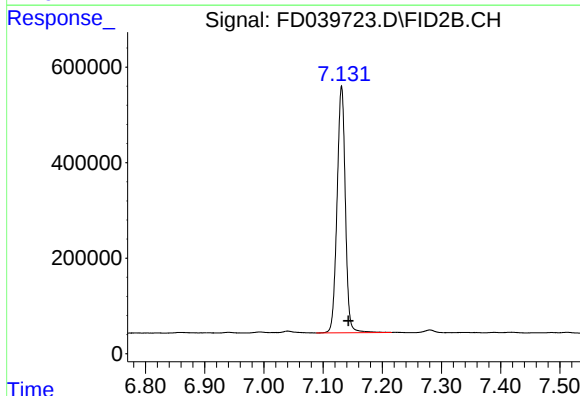
R.T.: 4.530 min
Delta R.T.: -0.006 min
Response: 4338017
Conc: 35.02 ug/ml

Instrument :
FID_D
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PB141191BSD



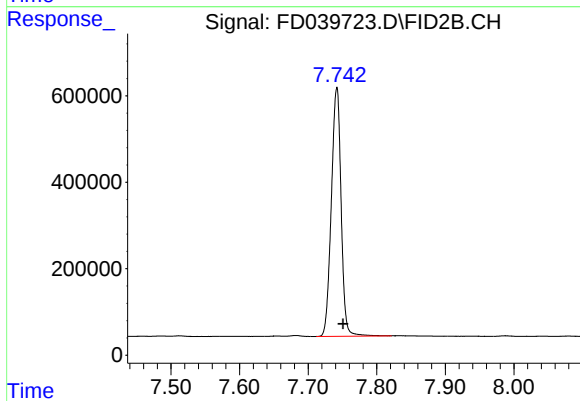
#2 Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: -0.010 min
Response: 5015018
Conc: 39.22 ug/ml



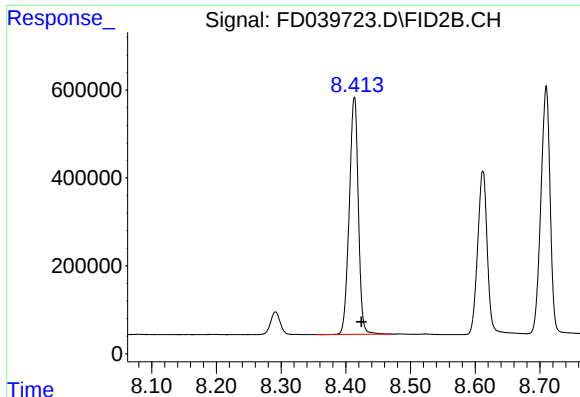
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: -0.011 min
Response: 5027299
Conc: 38.69 ug/ml



#4 2-Bromonaphthalene (SURR)

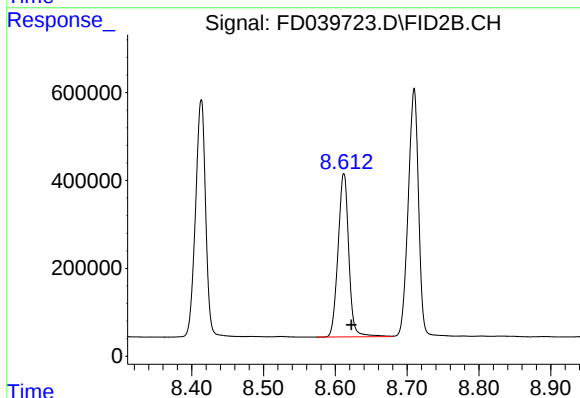
R.T.: 7.742 min
Delta R.T.: -0.009 min
Response: 5692412
Conc: 50.88 ug/ml



#5 Acenaphthylene (C15.06)

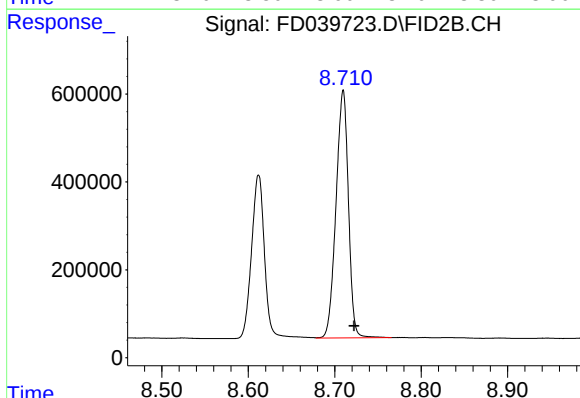
R.T.: 8.414 min
Delta R.T.: -0.011 min
Response: 5267164
Conc: 43.87 ug/ml

Instrument :
FID_D
ClientSampleId :
PB141191BSD



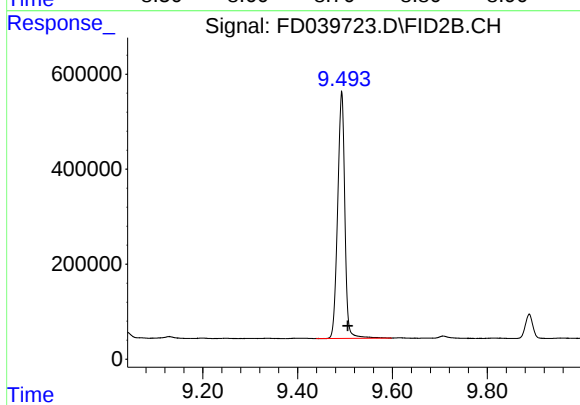
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.612 min
Delta R.T.: -0.010 min
Response: 3872038
Conc: 51.63 ug/ml



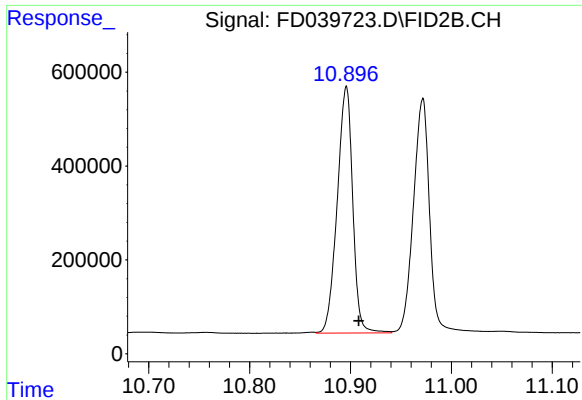
#7 Acenaphthene (C15.5)

R.T.: 8.710 min
Delta R.T.: -0.012 min
Response: 5621118
Conc: 44.14 ug/ml



#8 Flouorene (C16.55)

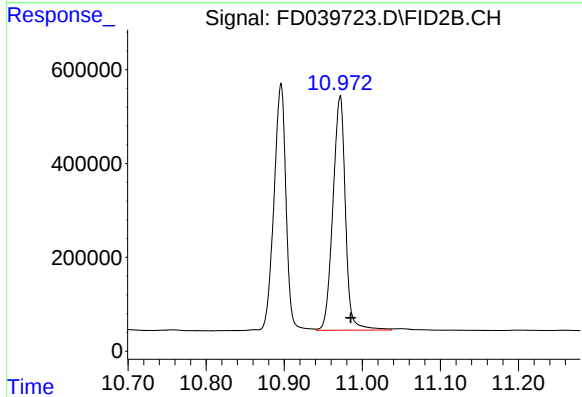
R.T.: 9.493 min
Delta R.T.: -0.012 min
Response: 5488182
Conc: 44.68 ug/ml



#9 Phenanthrene (C19.36)

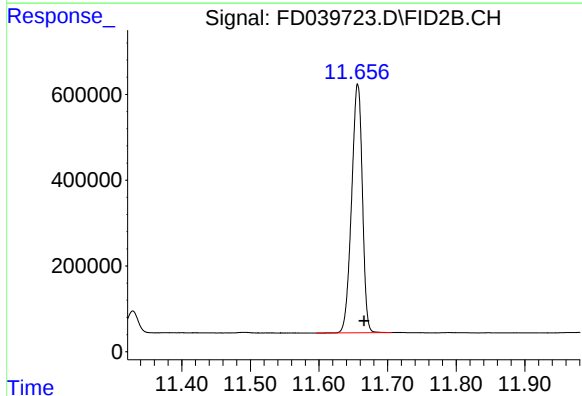
R.T.: 10.896 min
Delta R.T.: -0.012 min
Response: 5614548
Conc: 46.81 ug/ml

Instrument :
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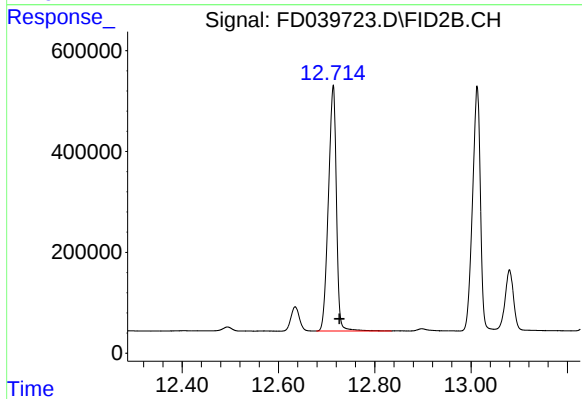
#10 Anthracene (C19.43)

R.T.: 10.972 min
Delta R.T.: -0.013 min
Response: 5556841
Conc: 46.39 ug/ml



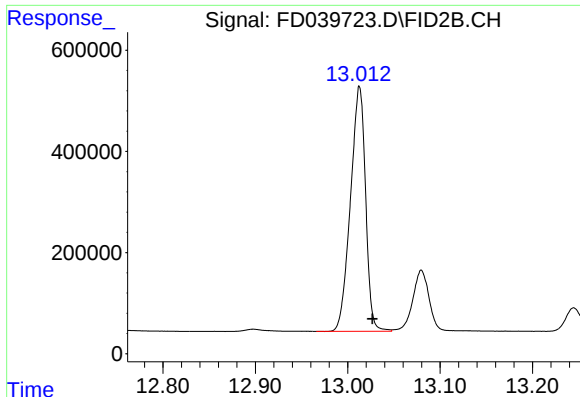
#11 ortho-Terphenyl (SURR)

R.T.: 11.656 min
Delta R.T.: -0.009 min
Response: 6316749
Conc: 51.07 ug/ml



#12 Fluoranthene (C21.85)

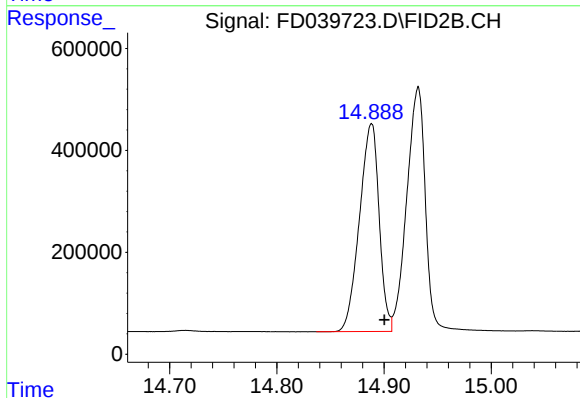
R.T.: 12.714 min
Delta R.T.: -0.013 min
Response: 5644428
Conc: 47.35 ug/ml



#13 Pyrene (C20.8)

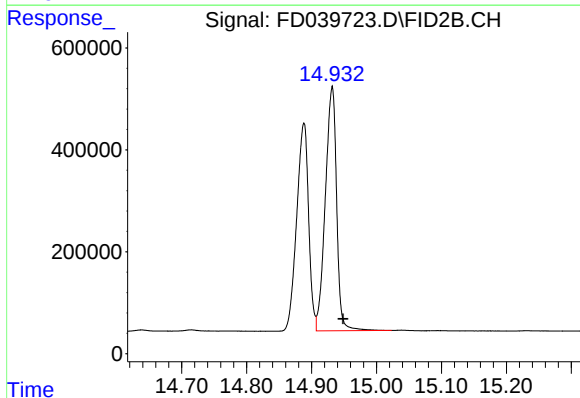
R.T.: 13.013 min
Delta R.T.: -0.014 min
Response: 5510647
Conc: 48.47 ug/ml

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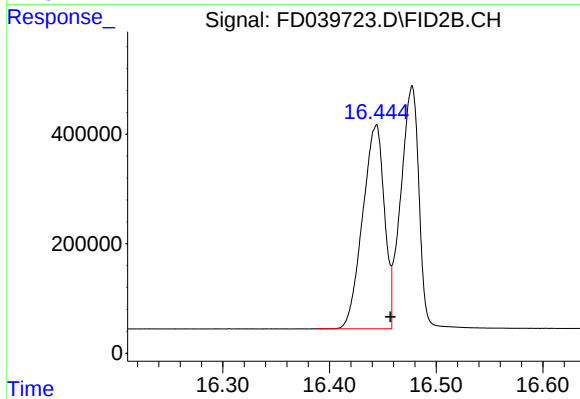
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.888 min
Delta R.T.: -0.012 min
Response: 5198210
Conc: 53.18 ug/ml



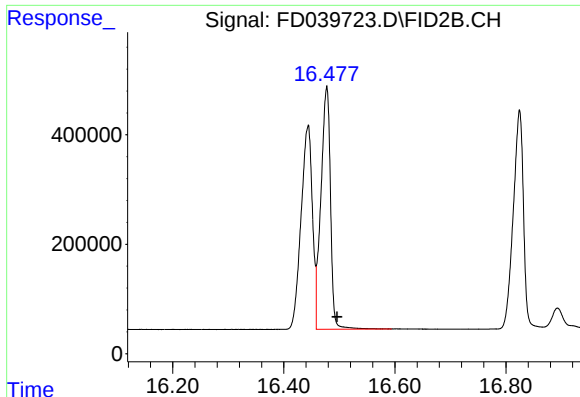
#15 Chrysene (C27.41)

R.T.: 14.932 min
Delta R.T.: -0.017 min
Response: 5805308
Conc: 50.99 ug/ml



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

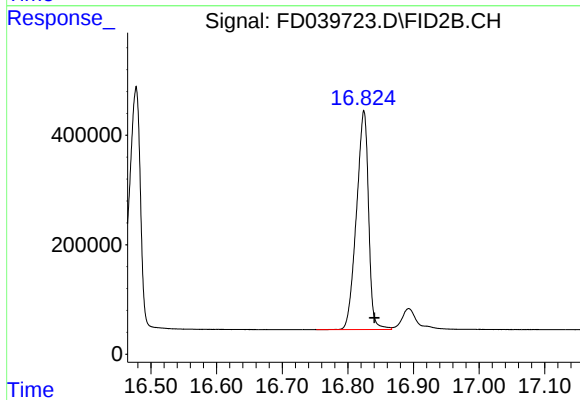
R.T.: 16.444 min
Delta R.T.: -0.013 min
Response: 5272196
Conc: 53.59 ug/ml



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

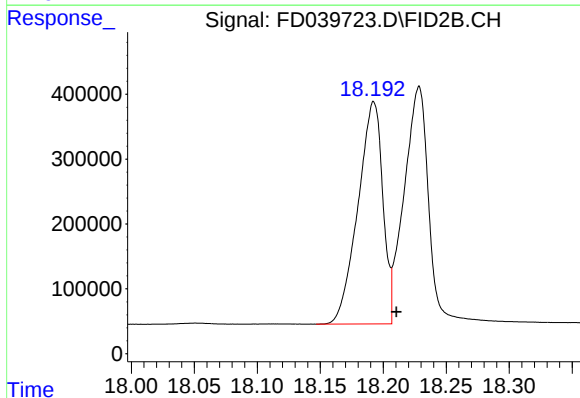
R.T.: 16.477 min
Delta R.T.: -0.018 min
Response: 5294510
Conc: 50.03 ug/ml

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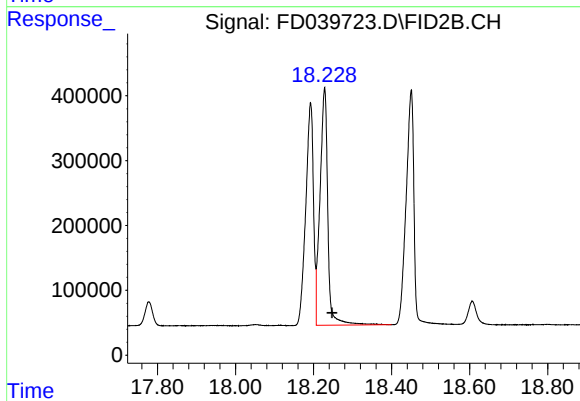
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.825 min
Delta R.T.: -0.016 min
Response: 5131113
Conc: 53.24 ug/ml



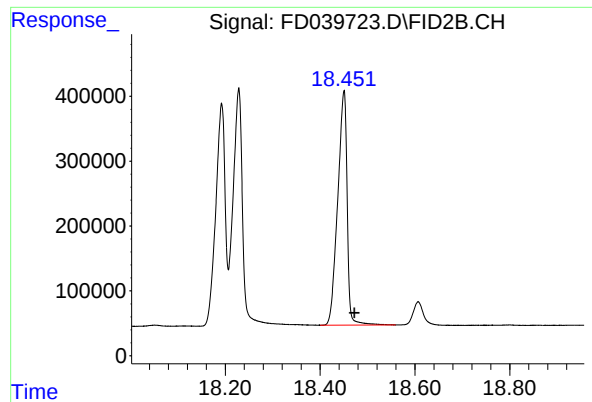
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.192 min
Delta R.T.: -0.018 min
Response: 4703540
Conc: 50.46 ug/ml



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

R.T.: 18.228 min
Delta R.T.: -0.019 min
Response: 5096965
Conc: 49.76 ug/ml



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

R.T.: 18.450 min
Delta R.T.: -0.022 min
Response: 5017463
Conc: 50.76 ug/ml

Instrument :

FID_D

ClientSampleId :

PB141191BSD