

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120120AR\
 Data File : FD035730.D
 Signal(s) : FID2B.CH
 Acq On : 01 Dec 2020 21:35
 Operator : DD\AJ
 Sample : L4909-02MSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

Integration File: autoint1.e
 Quant Time: Dec 02 01:55:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 09:48:30 2020
 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...	7.608	6690603	52.498 ug/ml
Spiked Amount 50.000		Recovery =	105.00%
6) S 2-Fluorobiphenyl (SURR)	8.474	4485756	51.737 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.47%
11) S ortho-Terphenyl (SURR)	11.507	5031123	33.995 ug/ml
Spiked Amount 50.000		Recovery =	67.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.407	5138684	35.485 ug/ml
2) T Naphthalene (C11.7)	5.946	6095985	40.532 ug/ml
3) T 2-Methylnaphthalene (...)	6.999	6629232	43.933 ug/ml
5) T Acenaphthylene (C15.06)	8.275	6917215	47.258 ug/ml
7) T Acenaphthene (C15.5)	8.570	6917084	45.689 ug/ml
8) T Flouorene (C16.55)	9.352	6921560	48.222 ug/ml
9) T Phenanthrene (C19.36)	10.750	6966078	48.986 ug/ml
10) T Anthracene (C19.43)	10.826	7023222	49.092 ug/ml
12) T Fluoranthene (C21.85)	12.564	6810702	48.849 ug/ml
13) T Pyrene (C20.8)	12.861	6658469	49.164 ug/ml
14) T Benzo[a]anthracene (C...	14.734	5710952	49.108 ug/ml
15) T Chrysene (C27.41)	14.778	6683267	52.281 ug/ml
16) T benzo[b]fluoranthene ...	16.288	5435202	50.247 ug/ml
17) T Bnezo[k]fluoranthene ...	16.321	5263636	47.435 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.668	5185238	52.584 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.038	5010535	51.800 ug/ml
20) T Dibenz[a,h]anthracene...	18.071	4917995	47.672 ug/ml
21) T Benzo[g,h,i]perylene ...	18.293	4999789	50.492 ug/ml

(f)=RT Delta > 1/2 Window

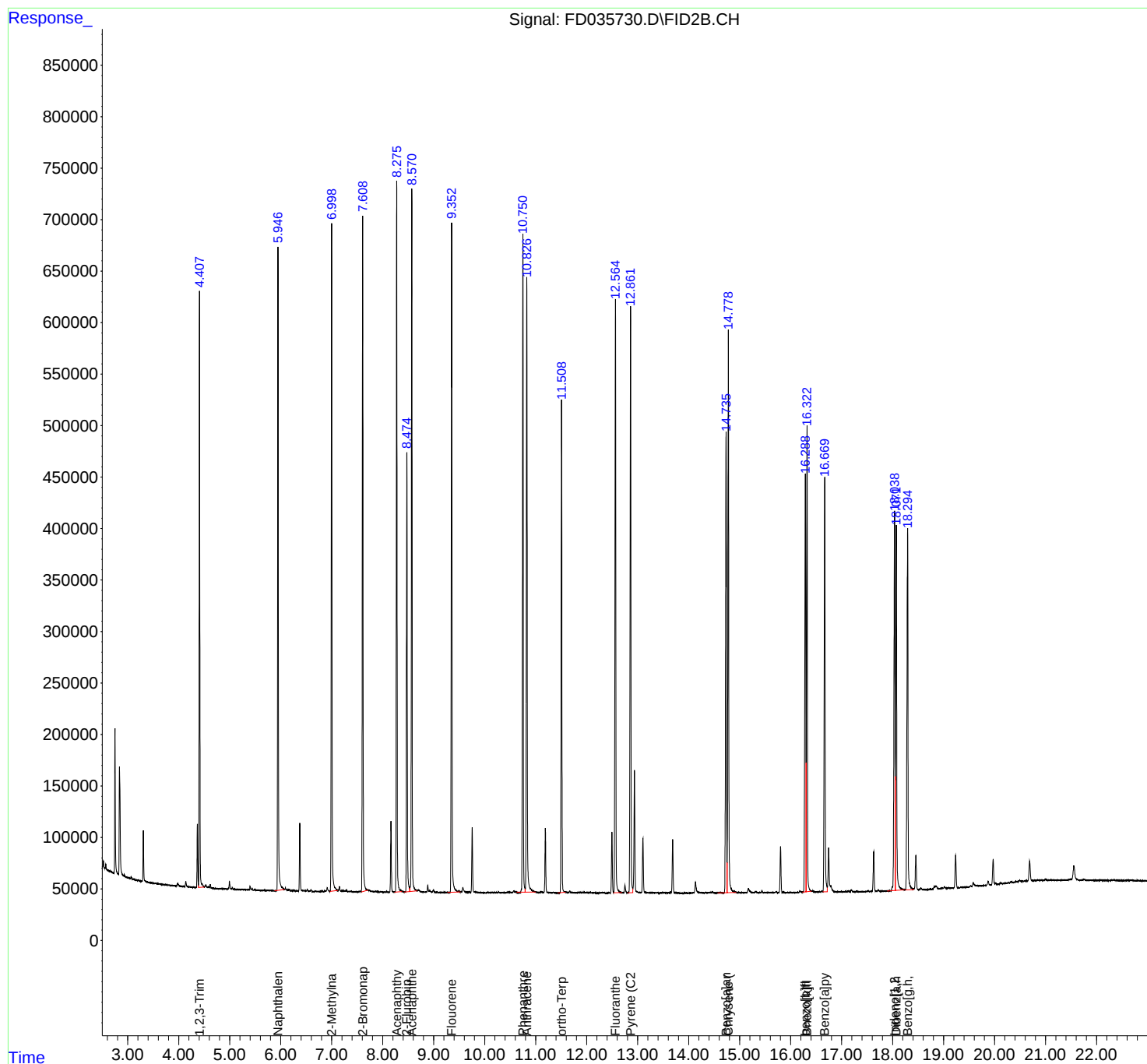
(m)=manual int.

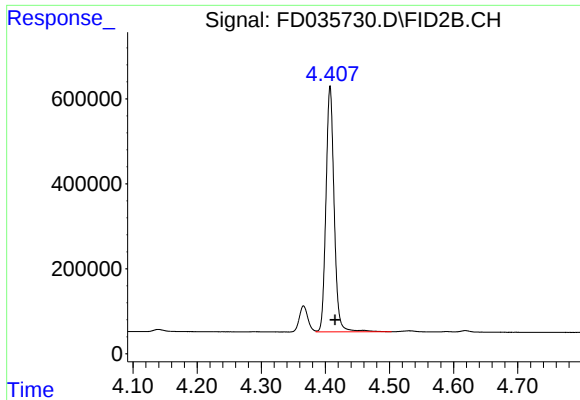
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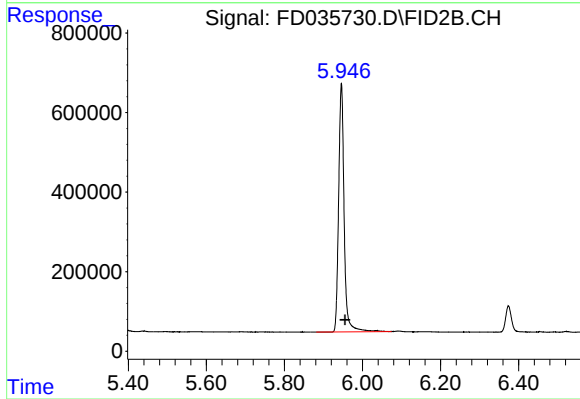




#1 1,2,3-Trimethylbenzene (C10.1)

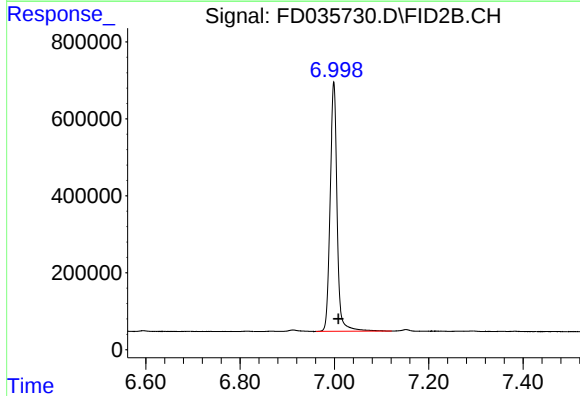
R.T.: 4.407 min
Delta R.T.: -0.008 min
Response: 5138684
Conc: 35.48 ug/ml

Instrument :
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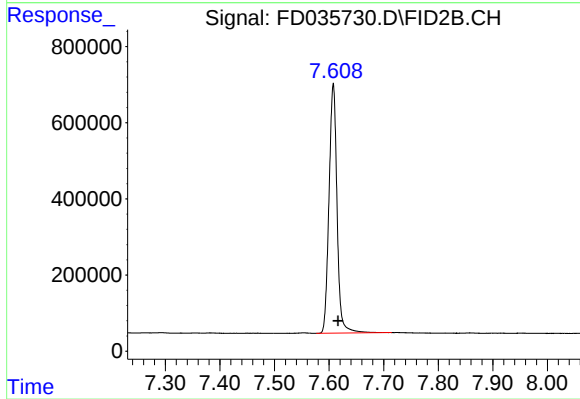
#2 Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: -0.010 min
Response: 6095985
Conc: 40.53 ug/ml



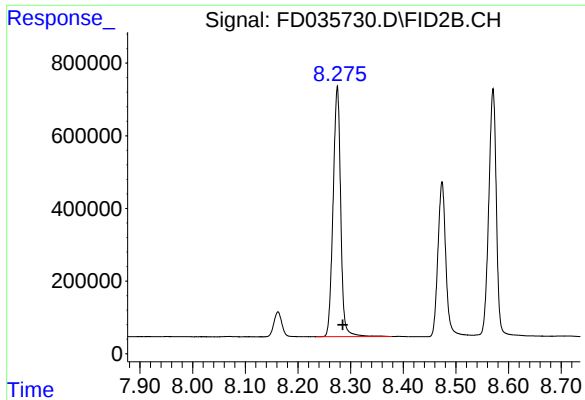
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.999 min
Delta R.T.: -0.010 min
Response: 6629232
Conc: 43.93 ug/ml



#4 2-Bromonaphthalene (SURR)

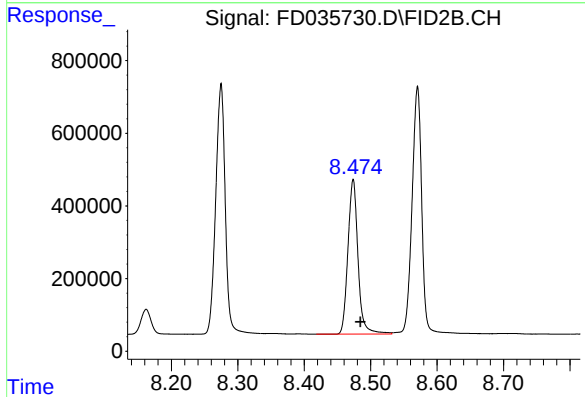
R.T.: 7.608 min
Delta R.T.: -0.009 min
Response: 6690603
Conc: 52.50 ug/ml



#5 Acenaphthylene (C15.06)

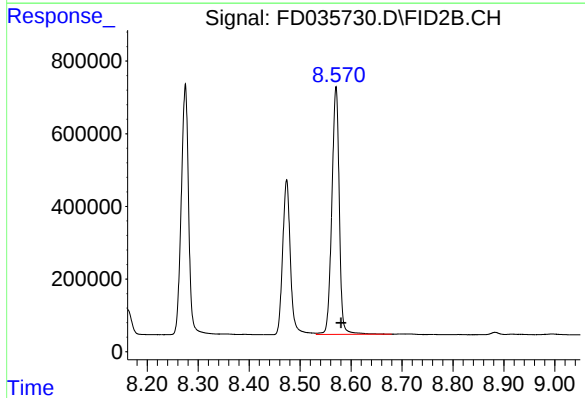
R.T.: 8.275 min
Delta R.T.: -0.011 min
Response: 6917215
Conc: 47.26 ug/ml

Instrument :
FID_D
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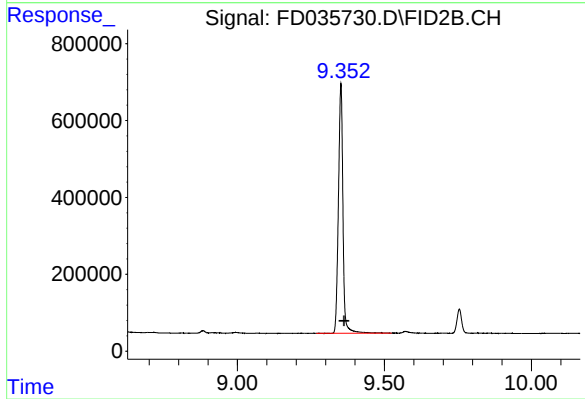
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.474 min
Delta R.T.: -0.011 min
Response: 4485756
Conc: 51.74 ug/ml



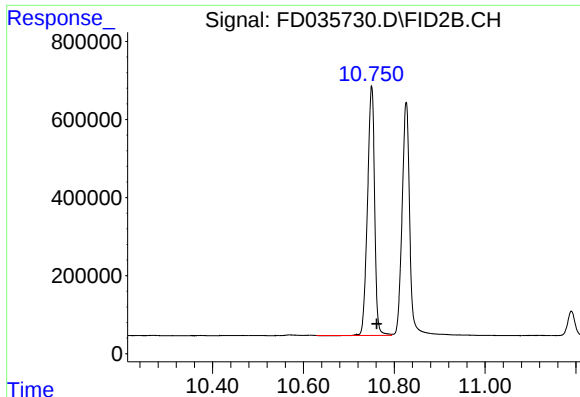
#7 Acenaphthene (C15.5)

R.T.: 8.570 min
Delta R.T.: -0.010 min
Response: 6917084
Conc: 45.69 ug/ml



#8 Flouorene (C16.55)

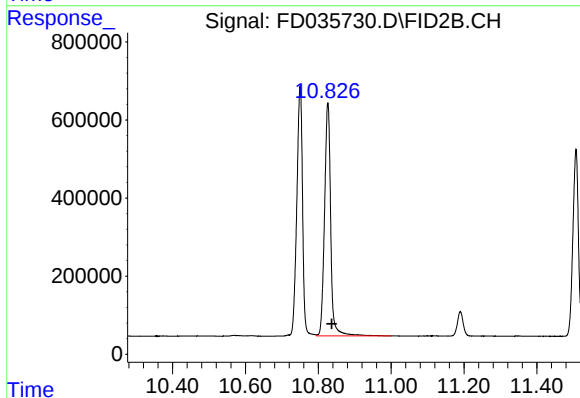
R.T.: 9.352 min
Delta R.T.: -0.011 min
Response: 6921560
Conc: 48.22 ug/ml



#9 Phenanthrene (C19.36)

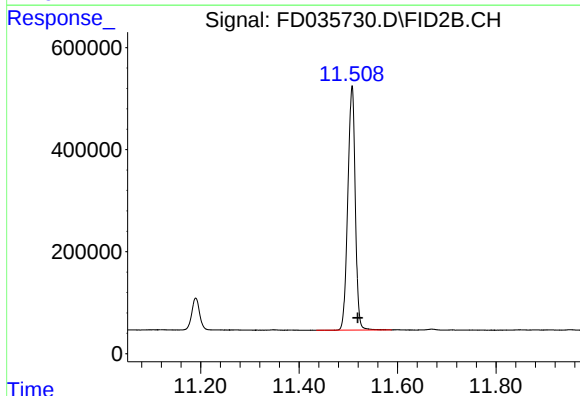
R.T.: 10.750 min
Delta R.T.: -0.011 min
Response: 6966078
Conc: 48.99 ug/ml

Instrument :
FID_D
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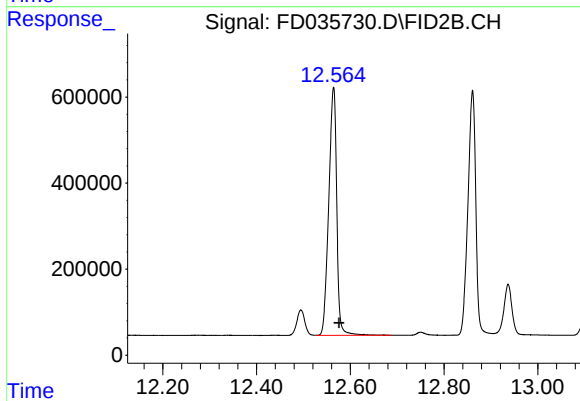
#10 Anthracene (C19.43)

R.T.: 10.826 min
Delta R.T.: -0.010 min
Response: 7023222
Conc: 49.09 ug/ml



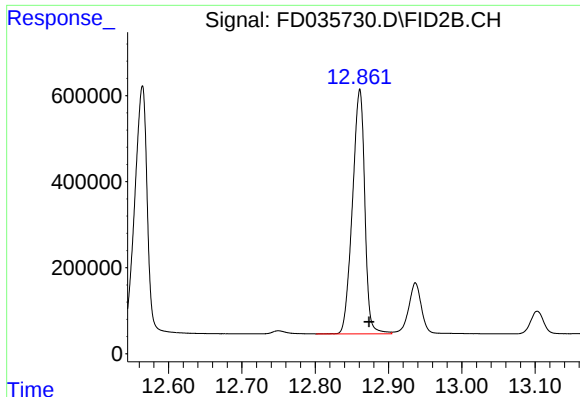
#11 ortho-Terphenyl (SURR)

R.T.: 11.507 min
Delta R.T.: -0.012 min
Response: 5031123
Conc: 33.99 ug/ml



#12 Fluoranthene (C21.85)

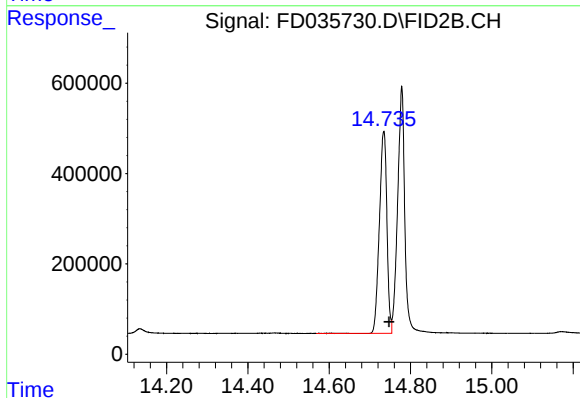
R.T.: 12.564 min
Delta R.T.: -0.012 min
Response: 6810702
Conc: 48.85 ug/ml



#13 Pyrene (C20.8)

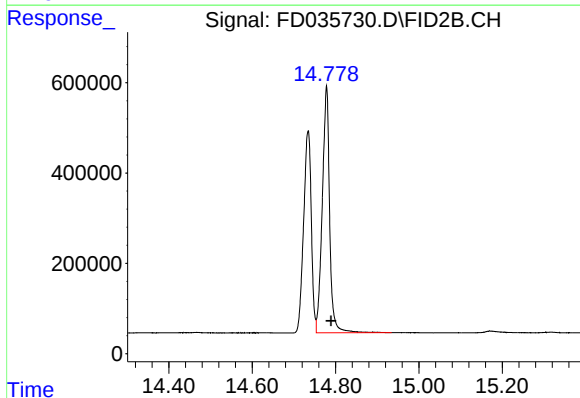
R.T.: 12.861 min
Delta R.T.: -0.013 min
Response: 6658469
Conc: 49.16 ug/ml

Instrument :
FID_D
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-



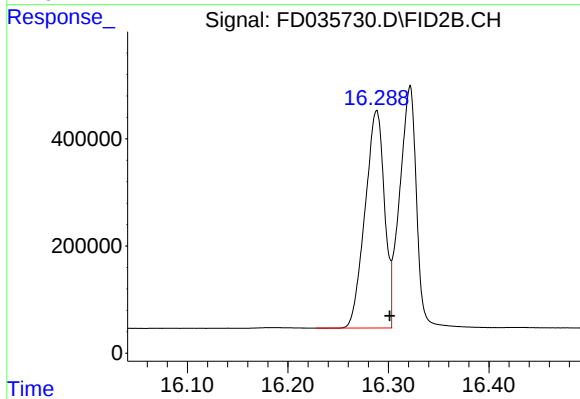
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.734 min
Delta R.T.: -0.013 min
Response: 5710952
Conc: 49.11 ug/ml



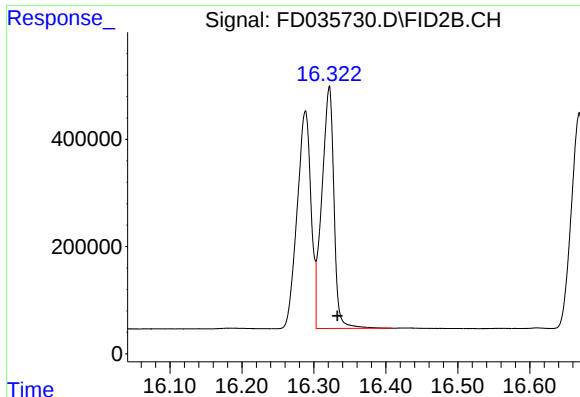
#15 Chrysene (C27.41)

R.T.: 14.778 min
Delta R.T.: -0.011 min
Response: 6683267
Conc: 52.28 ug/ml



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

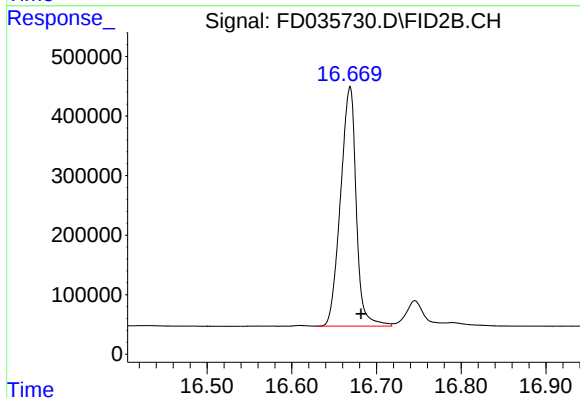
R.T.: 16.288 min
Delta R.T.: -0.013 min
Response: 5435202
Conc: 50.25 ug/ml



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

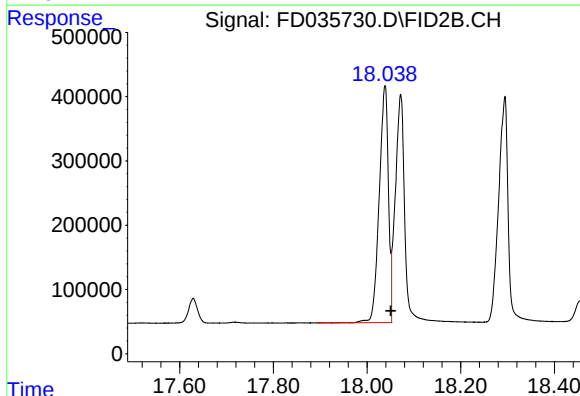
R.T.: 16.321 min
Delta R.T.: -0.012 min
Response: 5263636
Conc: 47.44 ug/ml

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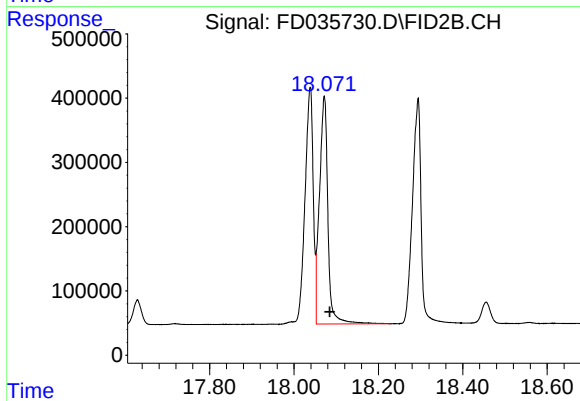
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.668 min
Delta R.T.: -0.014 min
Response: 5185238
Conc: 52.58 ug/ml



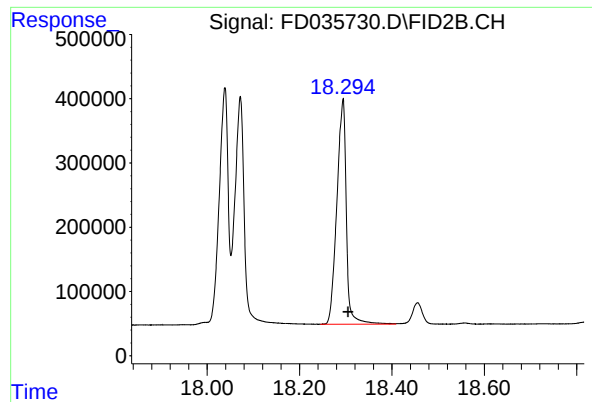
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.038 min
Delta R.T.: -0.013 min
Response: 5010535
Conc: 51.80 ug/ml



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

R.T.: 18.071 min
Delta R.T.: -0.013 min
Response: 4917995
Conc: 47.67 ug/ml



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

R.T.: 18.293 min
Delta R.T.: -0.012 min
Response: 4999789
Conc: 50.49 ug/ml

Instrument :
FID_D
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