

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091620AR\
 Data File : FD034736.D
 Signal(s) : FID2B.CH
 Acq On : 16 Sep 2020 18:17
 Operator : DD\AJ
 Sample : PB131655BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB131655BSD

Integration File: autoint1.e
 Quant Time: Sep 17 00:45:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 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...	7.684	5645590	55.043 ug/ml
Spiked Amount 50.000		Recovery =	110.09%
6) S 2-Fluorobiphenyl (SURR)	8.551	3832212	53.262 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.52%
11) S ortho-Terphenyl (SURR)	11.592	5434525	45.363 ug/ml
Spiked Amount 50.000		Recovery =	90.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.477	4026351	35.564 ug/ml
2) T Naphthalene (C11.7)	6.020	4568583	39.141 ug/ml
3) T 2-Methylnaphthalene (...)	7.073	4759733	40.300 ug/ml
5) T Acenaphthylene (C15.06)	8.352	4799532	41.067 ug/ml
7) T Acenaphthene (C15.5)	8.649	5120215	43.035 ug/ml
8) T Fluorene (C16.55)	9.431	5199180	45.093 ug/ml
9) T Phenanthrene (C19.36)	10.829	5291629	45.383 ug/ml
10) T Anthracene (C19.43)	10.905	5223705	45.854 ug/ml
12) T Fluoranthene (C21.85)	12.644	5175387	44.381 ug/ml
13) T Pyrene (C20.8)	12.941	5122353	45.136 ug/ml
14) T Benzo[a]anthracene (C...	14.813	4878603	44.205 ug/ml
15) T Chrysene (C27.41)	14.857	4954657	44.358 ug/ml
16) T benzo[b]fluoranthene ...	16.365	4838786	45.176 ug/ml
17) T Bnezo[k]fluoranthene ...	16.399	4579801	43.192 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.744	4298086	40.814 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.148	4596762	45.376 ug/ml
20) T Dibenz[a,h]anthracene...	18.148	4596762	45.243 ug/ml
21) T Benzo[g,h,i]perylene ...	18.368	4595543	45.513 ug/ml

(f)=RT Delta > 1/2 Window

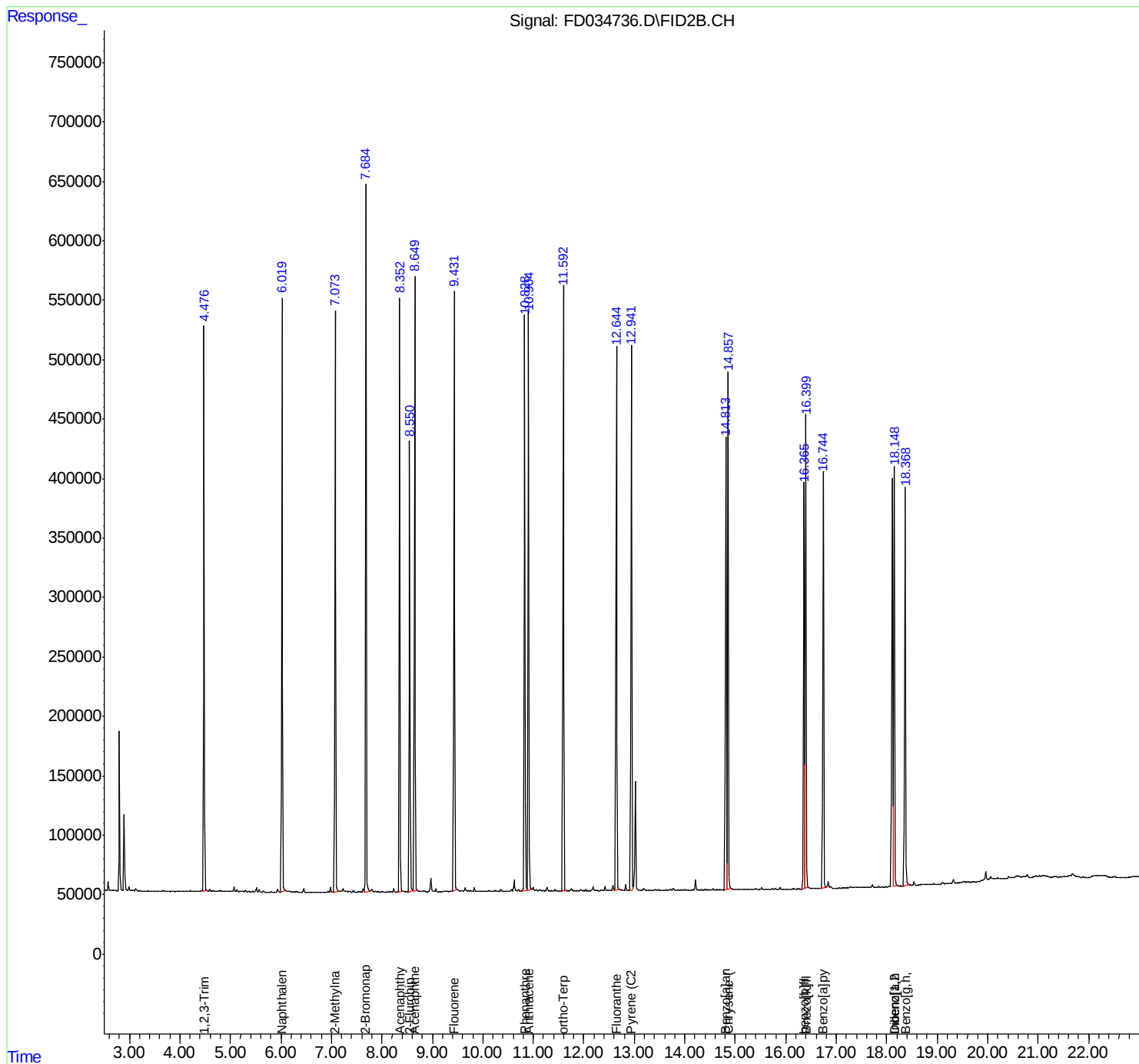
(m)=manual int.

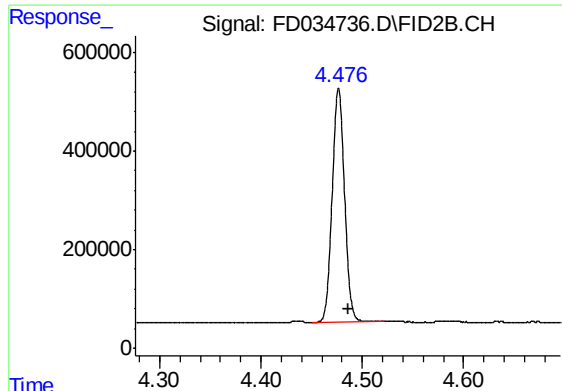
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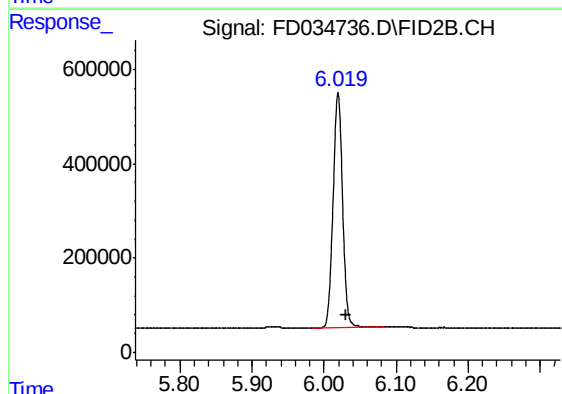




#1 1,2,3-Trimethylbenzene (C10.1)

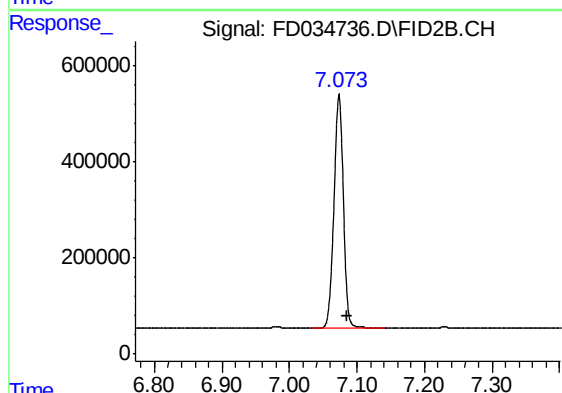
R.T.: 4.477 min
Delta R.T.: -0.009 min
Response: 4026351
Conc: 35.56 ug/ml

Instrument :
FID_D
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PB131655BSD



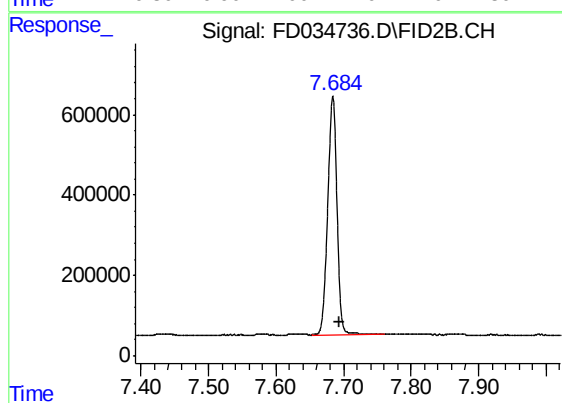
#2 Naphthalene (C11.7)

R.T.: 6.020 min
Delta R.T.: -0.012 min
Response: 4568583
Conc: 39.14 ug/ml



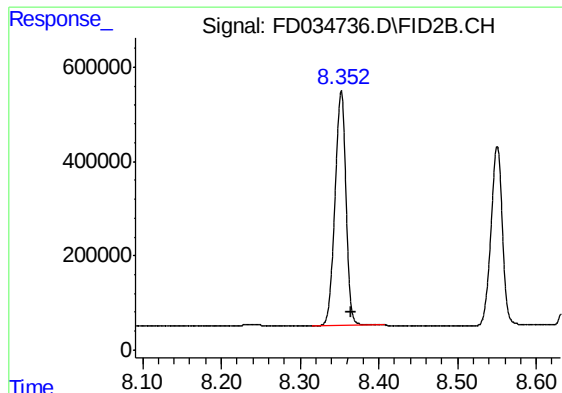
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: -0.013 min
Response: 4759733
Conc: 40.30 ug/ml



#4 2-Bromonaphthalene (SURR)

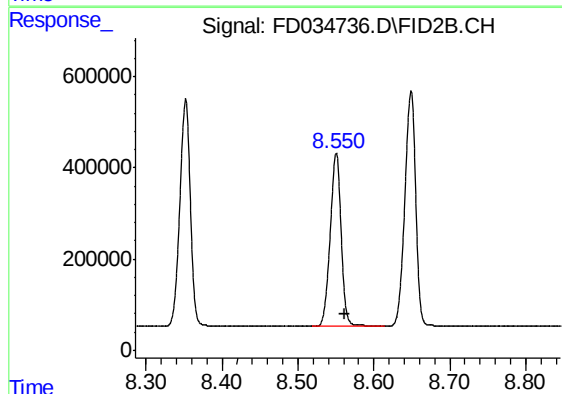
R.T.: 7.684 min
Delta R.T.: -0.011 min
Response: 5645590
Conc: 55.04 ug/ml



#5 Acenaphthylene (C15.06)

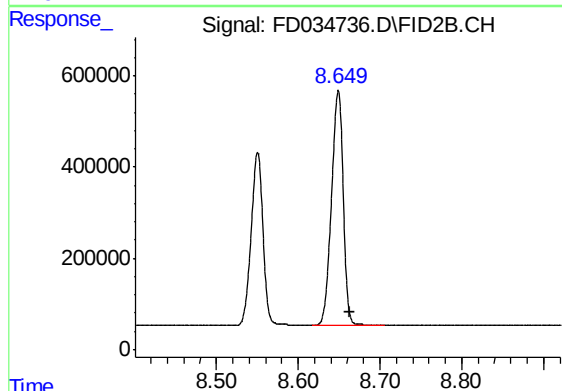
R.T.: 8.352 min
Delta R.T.: -0.013 min
Response: 4799532
Conc: 41.07 ug/ml

Instrument :
FID_D
ClientSampleId :
PB131655BSD



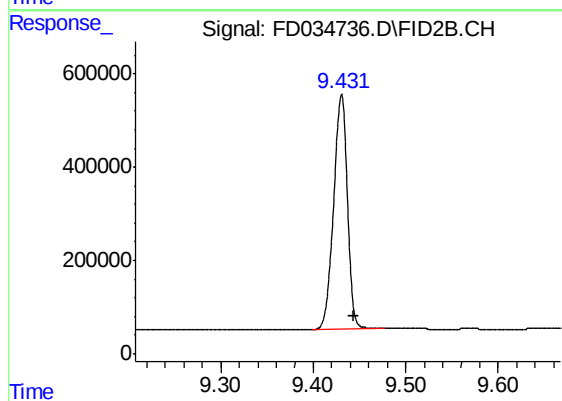
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.551 min
Delta R.T.: -0.011 min
Response: 3832212
Conc: 53.26 ug/ml



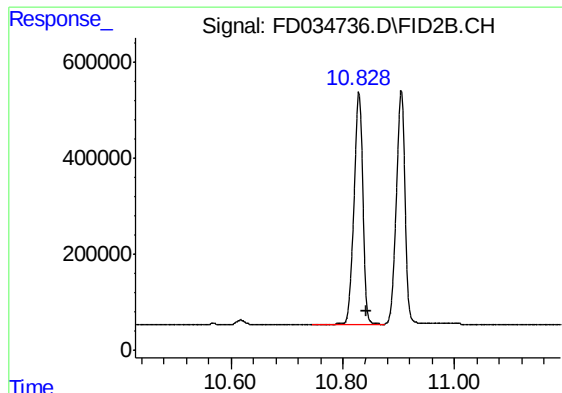
#7 Acenaphthene (C15.5)

R.T.: 8.649 min
Delta R.T.: -0.014 min
Response: 5120215
Conc: 43.03 ug/ml



#8 Fluorene (C16.55)

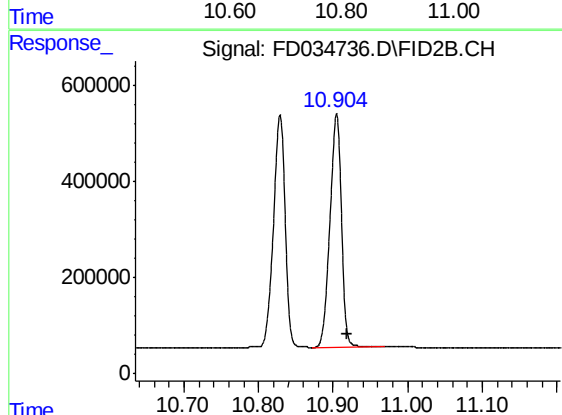
R.T.: 9.431 min
Delta R.T.: -0.013 min
Response: 5199180
Conc: 45.09 ug/ml



#9 Phenanthrene (C19.36)

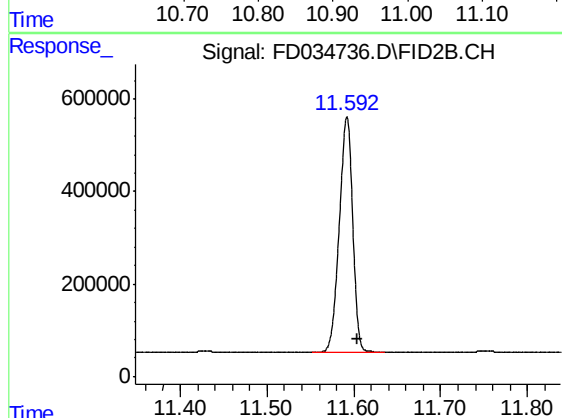
R.T.: 10.829 min
Delta R.T.: -0.014 min
Response: 5291629
Conc: 45.38 ug/ml

Instrument :
FID_D
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PB131655BSD



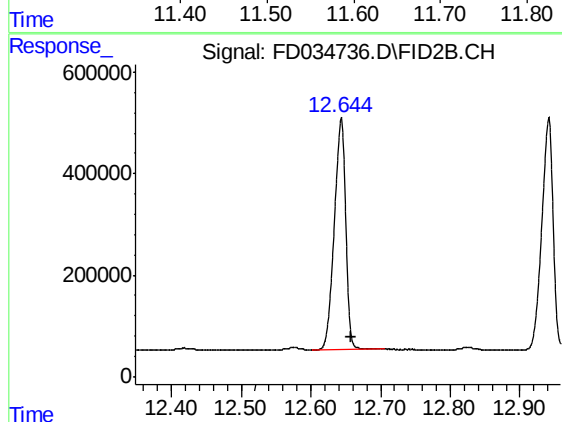
#10 Anthracene (C19.43)

R.T.: 10.905 min
Delta R.T.: -0.015 min
Response: 5223705
Conc: 45.85 ug/ml



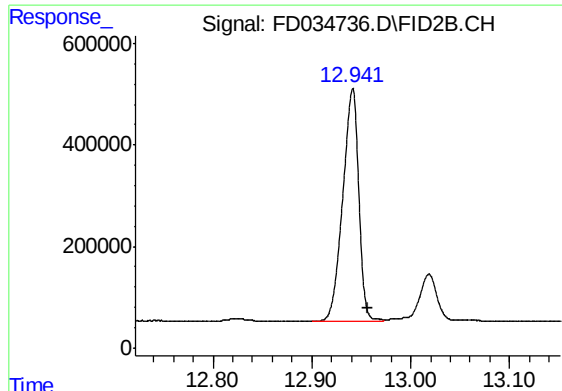
#11 ortho-Terphenyl (SURR)

R.T.: 11.592 min
Delta R.T.: -0.012 min
Response: 5434525
Conc: 45.36 ug/ml



#12 Fluoranthene (C21.85)

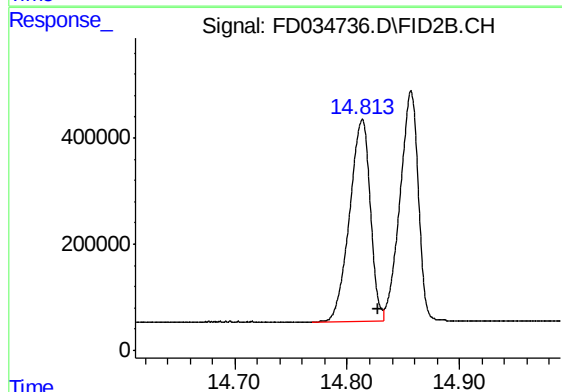
R.T.: 12.644 min
Delta R.T.: -0.014 min
Response: 5175387
Conc: 44.38 ug/ml



#13 Pyrene (C20.8)

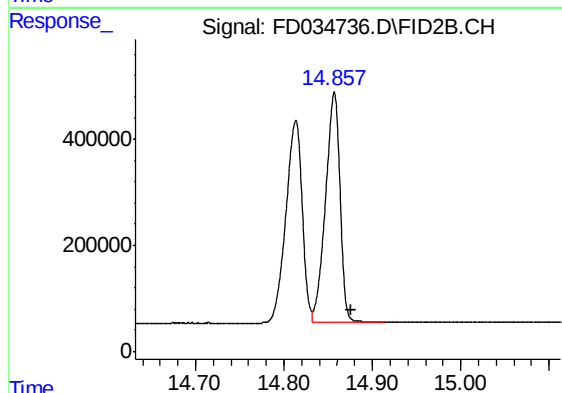
R.T.: 12.941 min
Delta R.T.: -0.016 min
Response: 5122353
Conc: 45.14 ug/ml

Instrument :
FID_D
ClientSampleId :
PB131655BSD



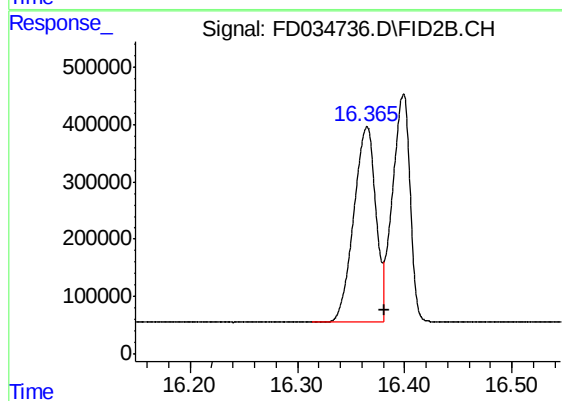
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.813 min
Delta R.T.: -0.014 min
Response: 4878603
Conc: 44.20 ug/ml



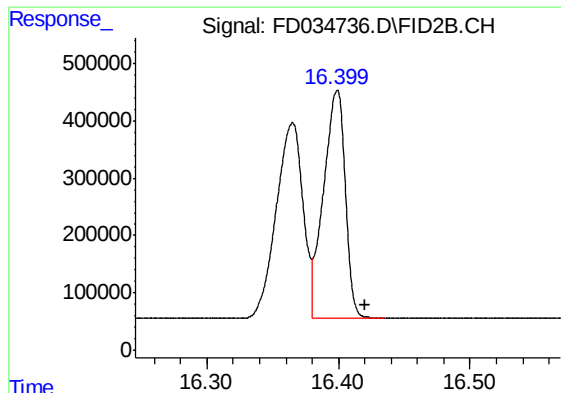
#15 Chrysene (C27.41)

R.T.: 14.857 min
Delta R.T.: -0.019 min
Response: 4954657
Conc: 44.36 ug/ml



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

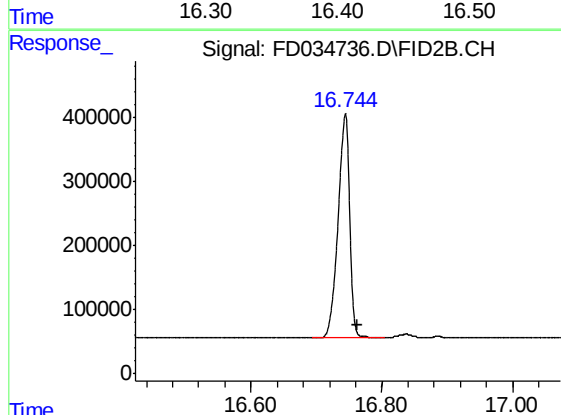
R.T.: 16.365 min
Delta R.T.: -0.016 min
Response: 4838786
Conc: 45.18 ug/ml



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

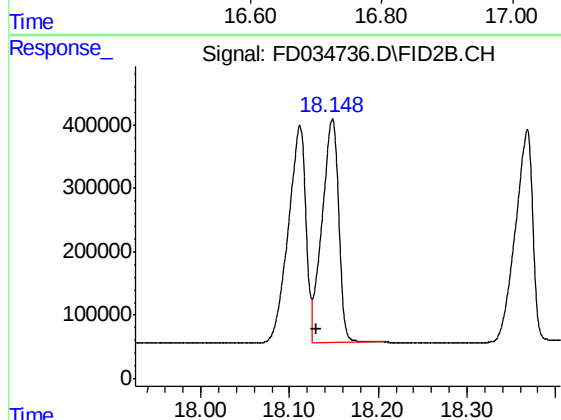
R.T.: 16.399 min
Delta R.T.: -0.021 min
Response: 4579801
Conc: 43.19 ug/ml

Instrument :
FID_D
ClientSampleId :
PB131655BSD



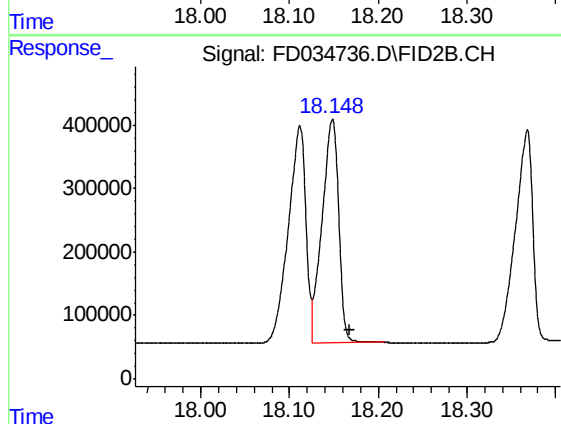
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.744 min
Delta R.T.: -0.019 min
Response: 4298086
Conc: 40.81 ug/ml



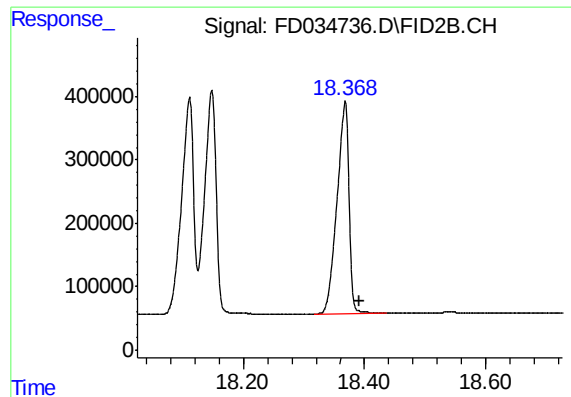
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.148 min
Delta R.T.: 0.017 min
Response: 4596762
Conc: 45.38 ug/ml



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

R.T.: 18.148 min
Delta R.T.: -0.019 min
Response: 4596762
Conc: 45.24 ug/ml



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

R.T.: 18.368 min
Delta R.T.: -0.024 min
Response: 4595543
Conc: 45.51 ug/ml

Instrument :
FID_D
ClientSampleId :
PB131655BSD