

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091924AR\
 Data File : FD048336.D
 Signal(s) : FID2B.ch
 Acq On : 19 Sep 2024 21:53
 Operator : YP/AJ
 Sample : PB163524BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB163524BSD

Integration File: autoint1.e
 Quant Time: Sep 20 05:21:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.388	8277876	54.581 ug/ml
Spiked Amount 50.000		Recovery =	109.16%
6) S 2-Fluorobiphenyl (SURR)	8.239	5189739	54.315 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.63%
11) S ortho-Terphenyl (SURR)	11.275	7551046	44.012 ug/ml
Spiked Amount 50.000		Recovery =	88.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.210	7004927	39.709 ug/ml
2) T Naphthalene (C11.7)	5.728	7771550	42.975 ug/ml
3) T 2-Methylnaphthalene (...)	6.775	7998113	44.705 ug/ml
5) T Acenaphthylene (C15.06)	8.042	8245905	47.196 ug/ml
7) T Acenaphthene (C15.5)	8.337	8160325	45.882 ug/ml
8) T Fluorene (C16.55)	9.116	8322816	49.703 ug/ml
9) T Phenanthrene (C19.36)	10.504	8365071	51.813 ug/ml
10) T Anthracene (C19.43)	10.579	8176462	51.382 ug/ml
12) T Fluoranthene (C21.85)	12.309	9870006	60.883 ug/ml
13) T Pyrene (C20.8)	12.603	8630729	53.829 ug/ml
14) T Benzo[a]anthracene (C...	14.471	7903874	56.425 ug/ml
15) T Chrysene (C27.41)	14.514	7869694	47.777 ug/ml
16) T benzo[b]fluoranthene ...	16.019	7961777	53.587 ug/ml
17) T Bnezo[k]fluoranthene ...	16.053	8009238	52.003 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.394	7675461	51.878 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.759	7032996	62.243 ug/ml
20) T Dibenz[a,h]anthracene...	17.797	7414398	48.583 ug/ml
21) T Benzo[g,h,i]perylene ...	18.012	7092021	48.113 ug/ml

(f)=RT Delta > 1/2 Window

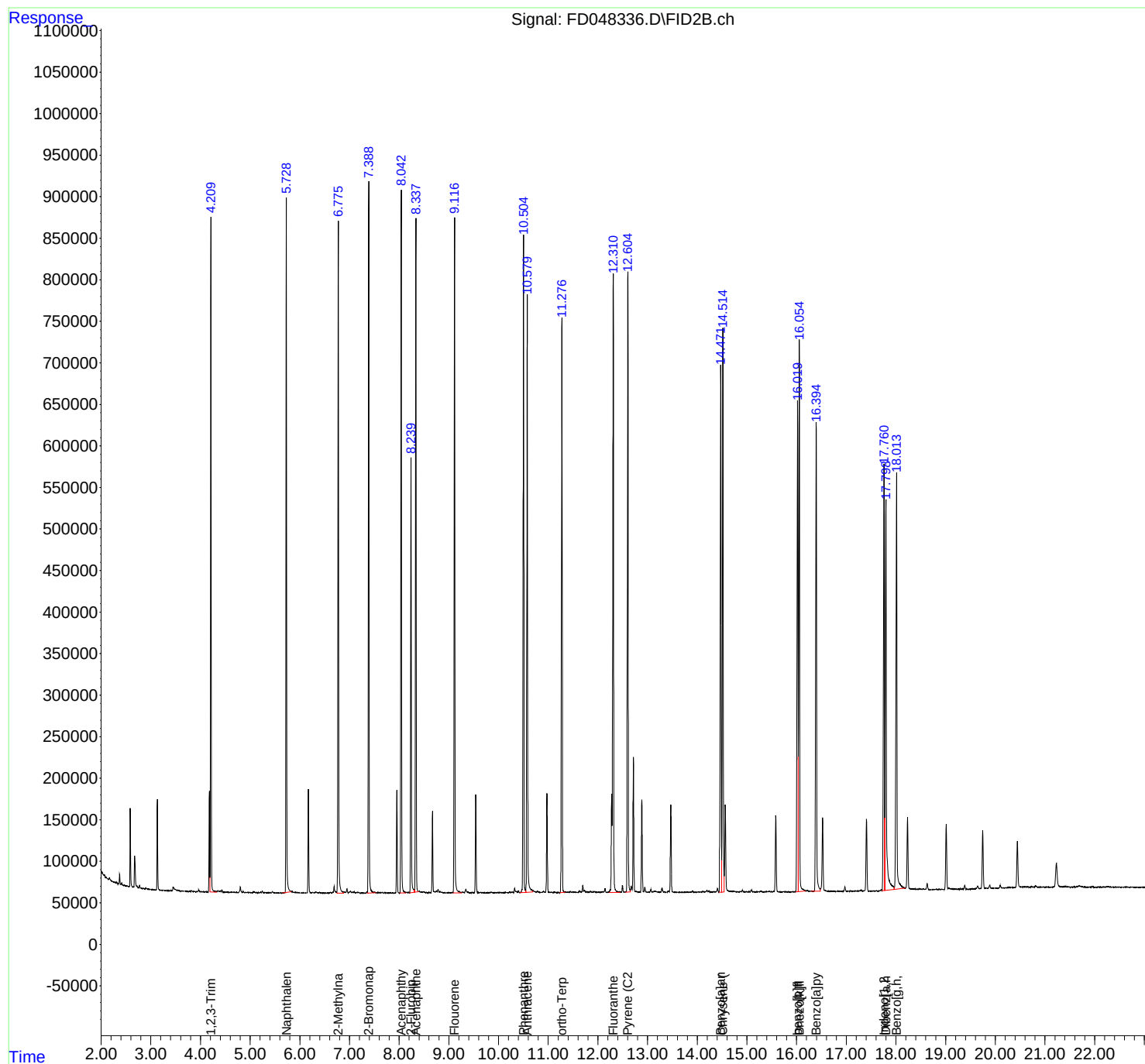
(m)=manual int.

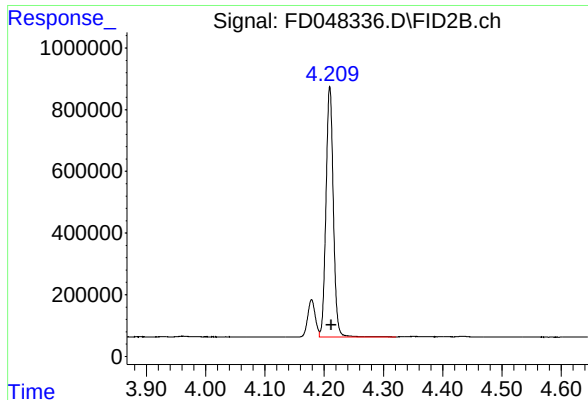
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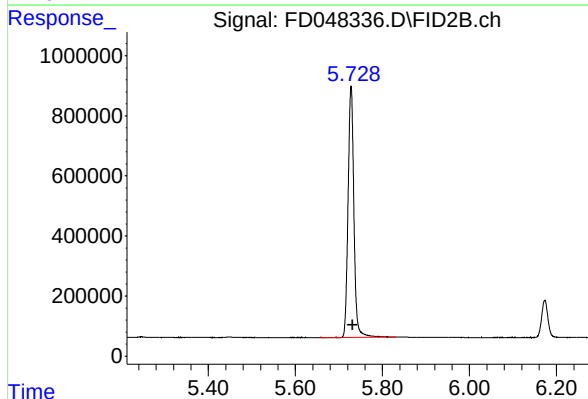




#1 1,2,3-Trimethylbenzene (C10.1)

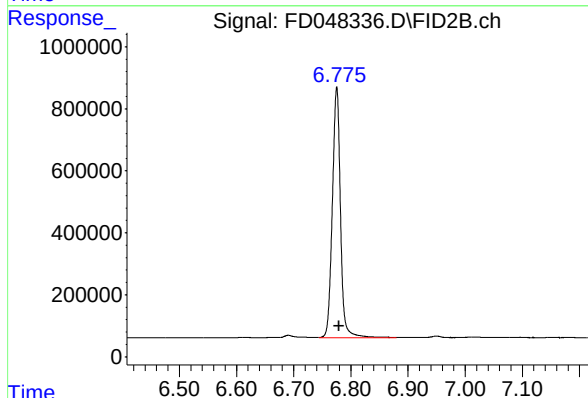
R.T.: 4.210 min
Delta R.T.: -0.002 min
Response: 7004927
Conc: 39.71 ug/ml

Instrument :
FID_D
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PB163524BSD



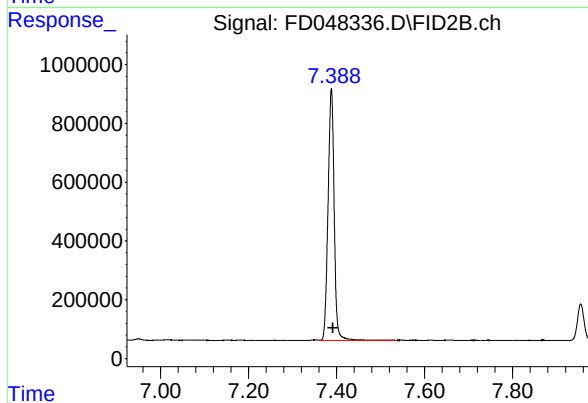
#2 Naphthalene (C11.7)

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 7771550
Conc: 42.98 ug/ml



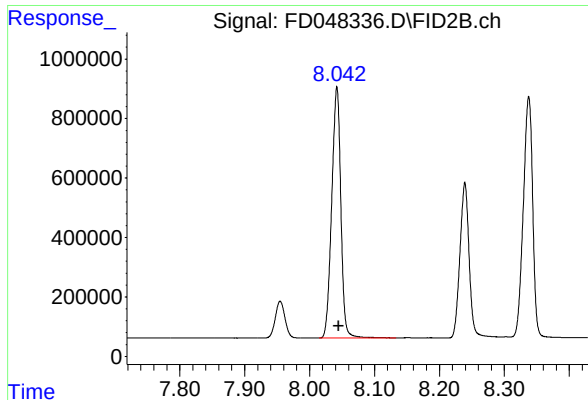
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 7998113
Conc: 44.71 ug/ml



#4 2-Bromonaphthalene (SURR)

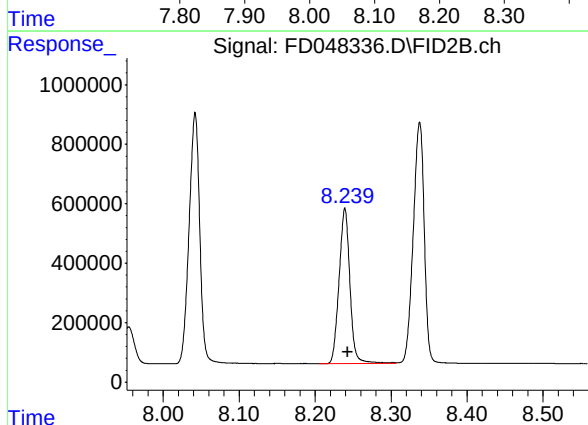
R.T.: 7.388 min
Delta R.T.: -0.004 min
Response: 8277876
Conc: 54.58 ug/ml



#5 Acenaphthylene (C15.06)

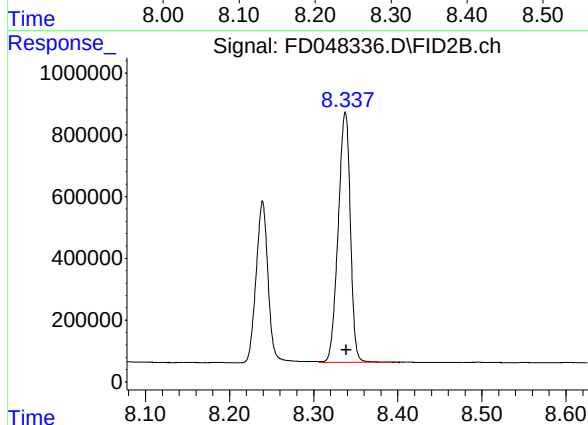
R.T.: 8.042 min
Delta R.T.: -0.003 min
Response: 8245905
Conc: 47.20 ug/ml

Instrument :
FID_D
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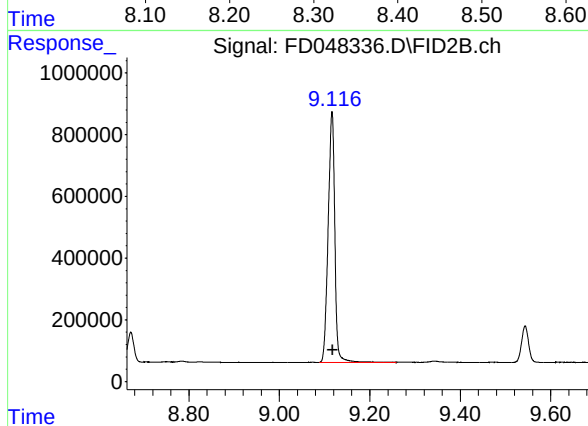
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.239 min
Delta R.T.: -0.004 min
Response: 5189739
Conc: 54.31 ug/ml



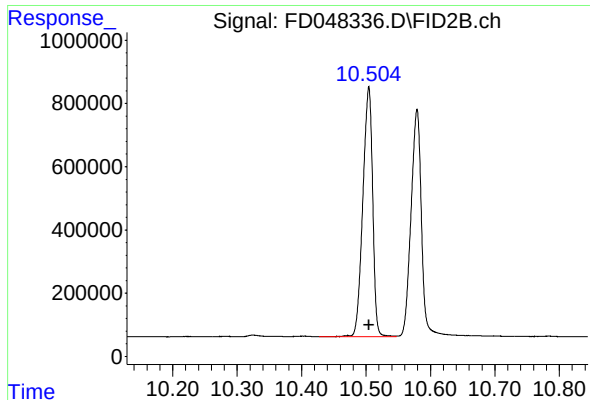
#7 Acenaphthene (C15.5)

R.T.: 8.337 min
Delta R.T.: -0.002 min
Response: 8160325
Conc: 45.88 ug/ml



#8 Flouorene (C16.55)

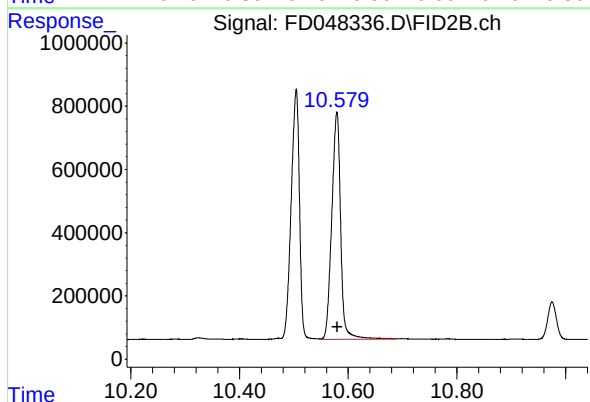
R.T.: 9.116 min
Delta R.T.: -0.001 min
Response: 8322816
Conc: 49.70 ug/ml



#9 Phenanthrene (C19.36)

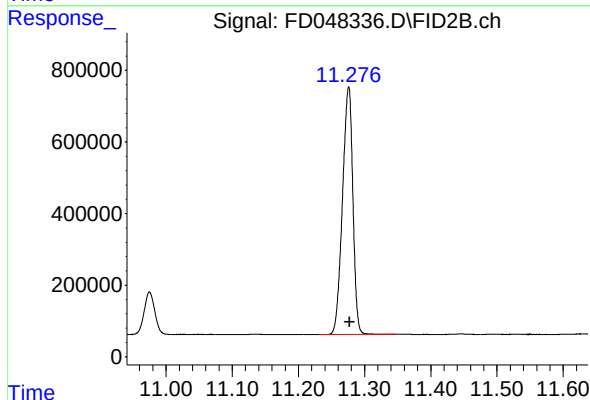
R.T.: 10.504 min
Delta R.T.: 0.000 min
Response: 8365071
Conc: 51.81 ug/ml

Instrument :
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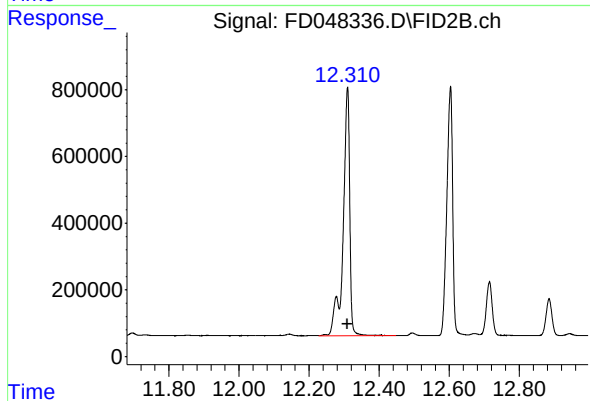
#10 Anthracene (C19.43)

R.T.: 10.579 min
Delta R.T.: -0.002 min
Response: 8176462
Conc: 51.38 ug/ml



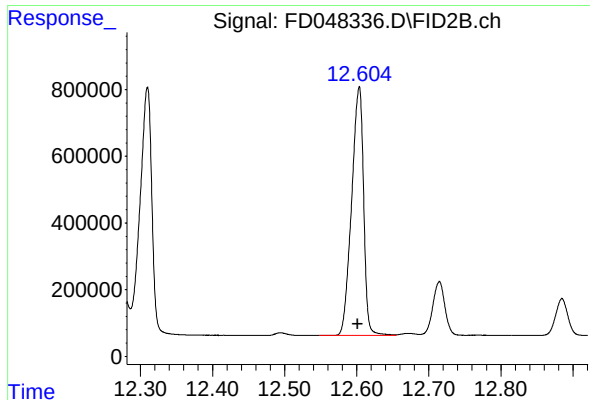
#11 ortho-Terphenyl (SURR)

R.T.: 11.275 min
Delta R.T.: -0.002 min
Response: 7551046
Conc: 44.01 ug/ml



#12 Fluoranthene (C21.85)

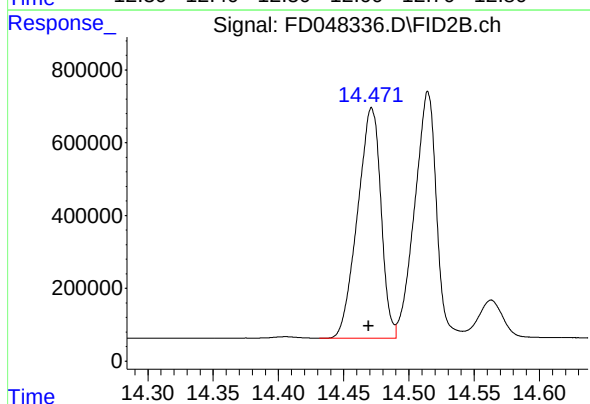
R.T.: 12.309 min
Delta R.T.: 0.000 min
Response: 9870006
Conc: 60.88 ug/ml



#13 Pyrene (C20.8)

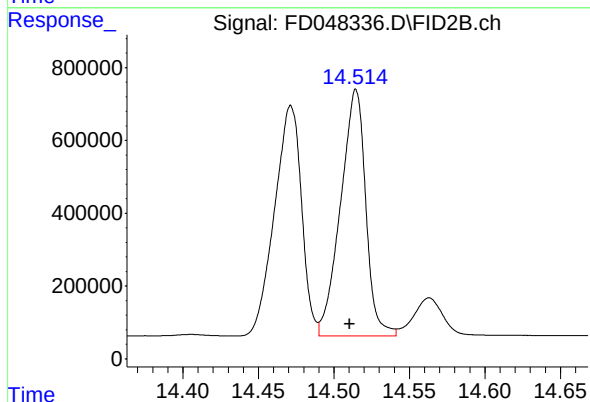
R.T.: 12.603 min
Delta R.T.: 0.001 min
Response: 8630729
Conc: 53.83 ug/ml

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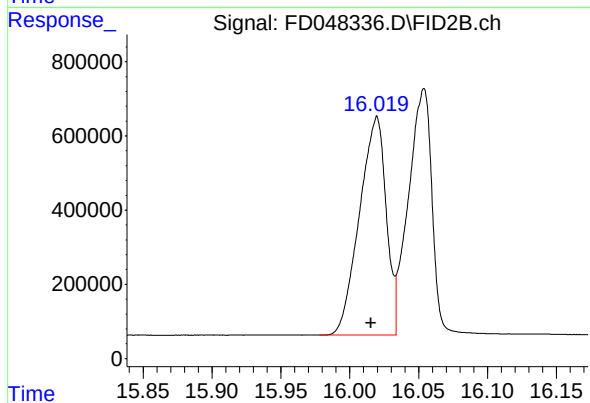
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.471 min
Delta R.T.: 0.002 min
Response: 7903874
Conc: 56.42 ug/ml



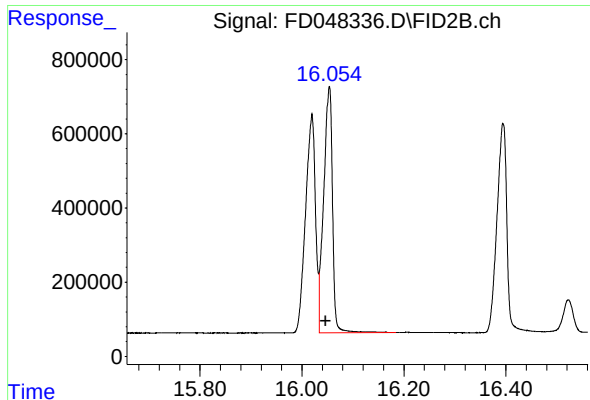
#15 Chrysene (C27.41)

R.T.: 14.514 min
Delta R.T.: 0.004 min
Response: 7869694
Conc: 47.78 ug/ml



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

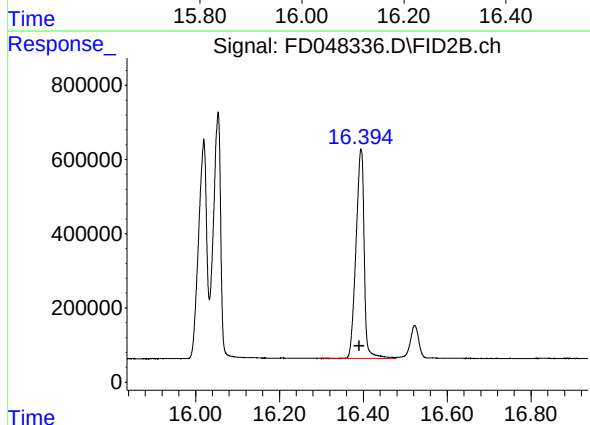
R.T.: 16.019 min
Delta R.T.: 0.004 min
Response: 7961777
Conc: 53.59 ug/ml



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

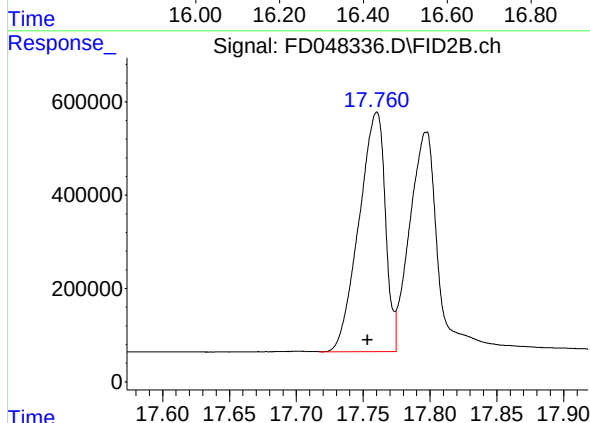
R.T.: 16.053 min
Delta R.T.: 0.007 min
Response: 8009238
Conc: 52.00 ug/ml

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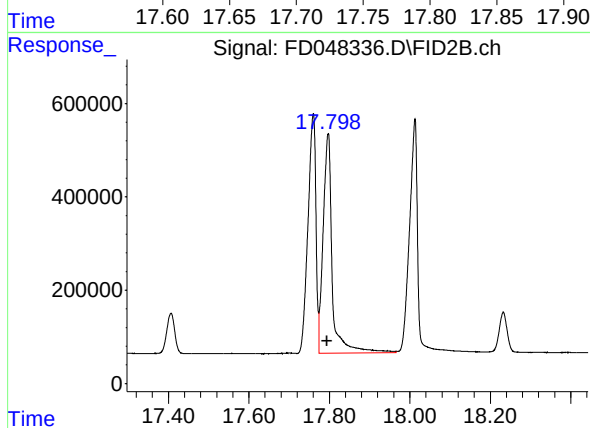
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.394 min
Delta R.T.: 0.004 min
Response: 7675461
Conc: 51.88 ug/ml



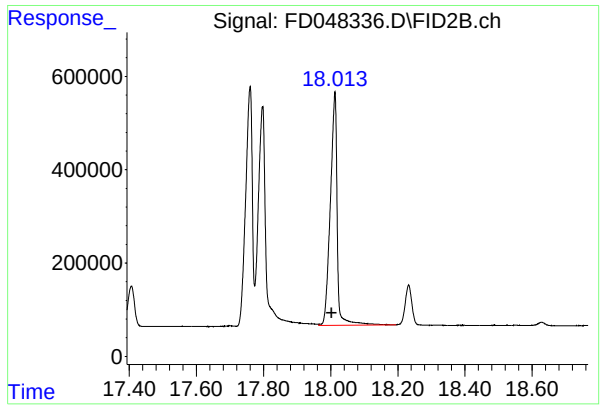
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.759 min
Delta R.T.: 0.006 min
Response: 7032996
Conc: 62.24 ug/ml



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

R.T.: 17.797 min
Delta R.T.: 0.002 min
Response: 7414398
Conc: 48.58 ug/ml



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

R.T.: 18.012 min
Delta R.T.: 0.009 min
Response: 7092021
Conc: 48.11 ug/ml

Instrument :

FID_D

ClientSampleId :

PB163524BSD