

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013123AR\
 Data File : FD044945.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jan 2023 22:05
 Operator : YP/AJ
 Sample : PB150569BSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB150569BSD

Integration File: autoint1.e
 Quant Time: Feb 01 04:05:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 2023
 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...	7.557	6366043	43.407 ug/ml
Spiked Amount 50.000		Recovery =	86.81%
6) S 2-Fluorobiphenyl (SURR)	8.414	4138090	41.459 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.92%
11) S ortho-Terphenyl (SURR)	11.455	6555520	35.271 ug/ml
Spiked Amount 50.000		Recovery =	70.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	4546757	28.483 ug/ml
2) T Naphthalene (C11.7)	5.896	5200084	30.691 ug/ml
3) T 2-Methylnaphthalene (...)	6.946	5189696	30.250 ug/ml
5) T Acenaphthylene (C15.06)	8.218	5692944	36.228 ug/ml
7) T Acenaphthene (C15.5)	8.513	5814067	34.968 ug/ml
8) T Fluorene (C16.55)	9.292	5902495	35.961 ug/ml
9) T Phenanthrene (C19.36)	10.684	6056599	37.460 ug/ml
10) T Anthracene (C19.43)	10.759	5948380	40.125 ug/ml
12) T Fluoranthene (C21.85)	12.491	6033063	37.697 ug/ml
13) T Pyrene (C20.8)	12.787	6023664	38.388 ug/ml
14) T Benzo[a]anthracene (C...	14.653	5649066	39.580 ug/ml
15) T Chrysene (C27.41)	14.696	5572409	37.635 ug/ml
16) T benzo[b]fluoranthene ...	16.197	5614676	38.703 ug/ml
17) T Bnezo[k]fluoranthene ...	16.231	5298934	37.167 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.573	4974844	35.601 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.932	5178560	38.482 ug/ml
20) T Dibenz[a,h]anthracene...	17.974	5050749	38.114 ug/ml
21) T Benzo[g,h,i]perylene ...	18.187	5094919	37.472 ug/ml

(f)=RT Delta > 1/2 Window

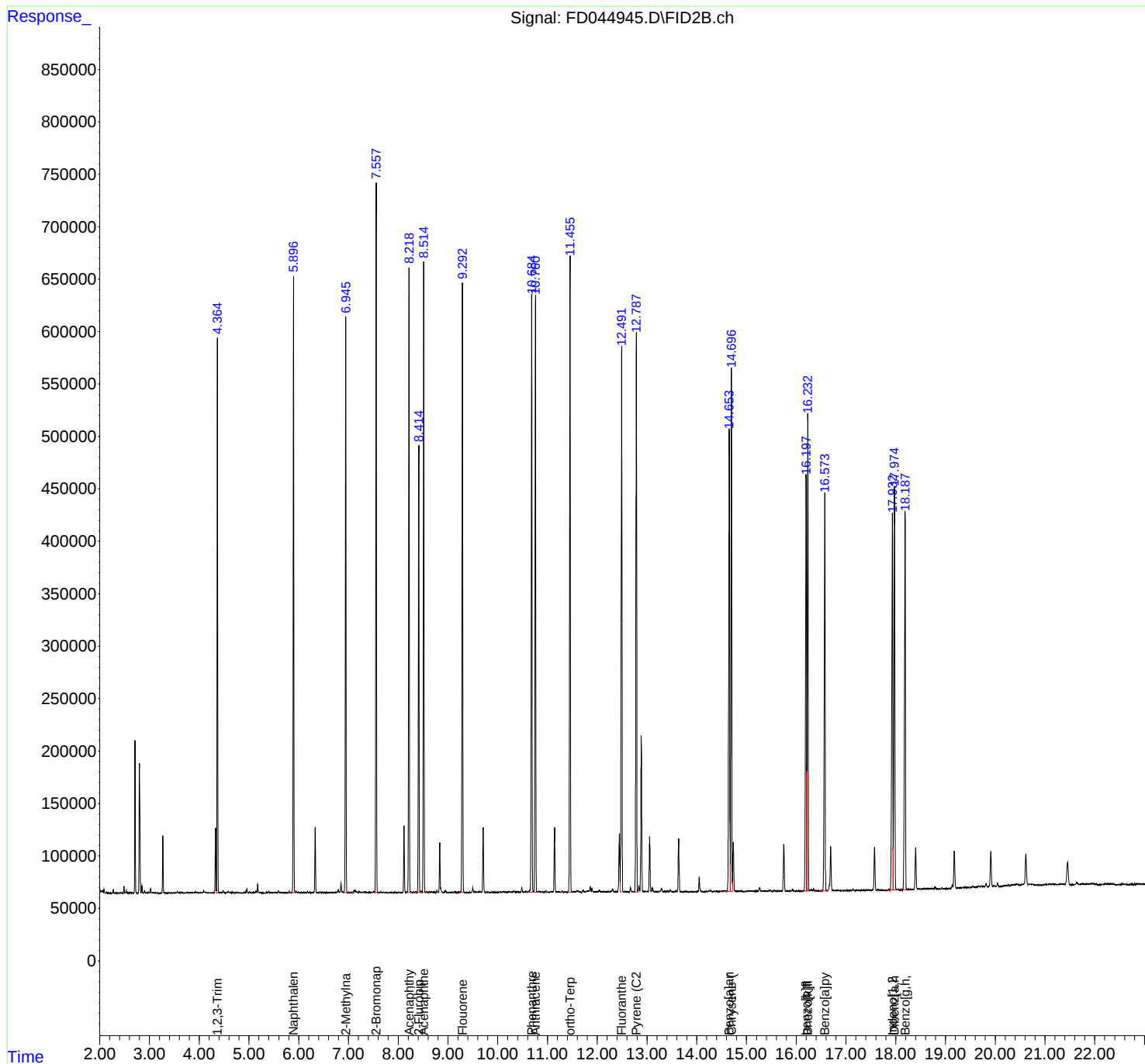
(m)=manual int.

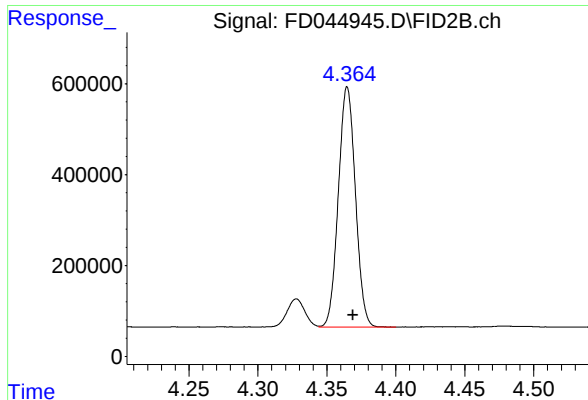
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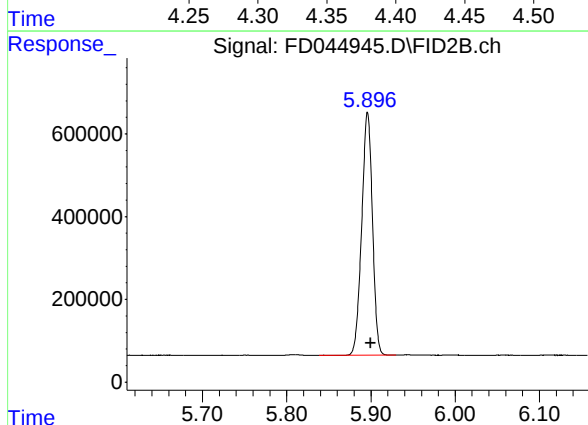




#1 1,2,3-Trimethylbenzene (C10.1)

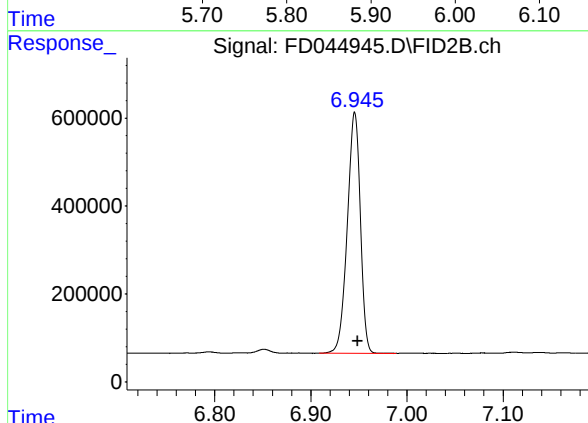
R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 4546757
Conc: 28.48 ug/ml

Instrument :
FID_D
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PB150569BSD



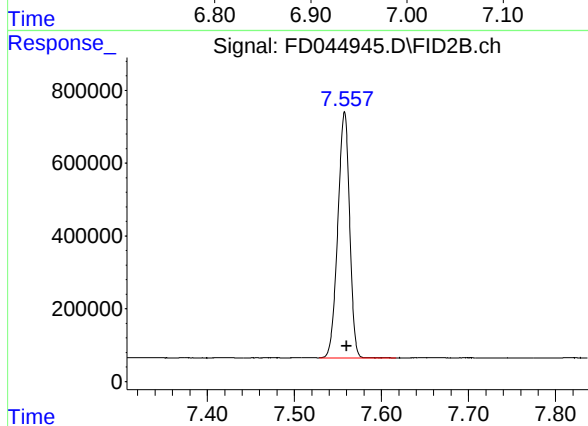
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 5200084
Conc: 30.69 ug/ml



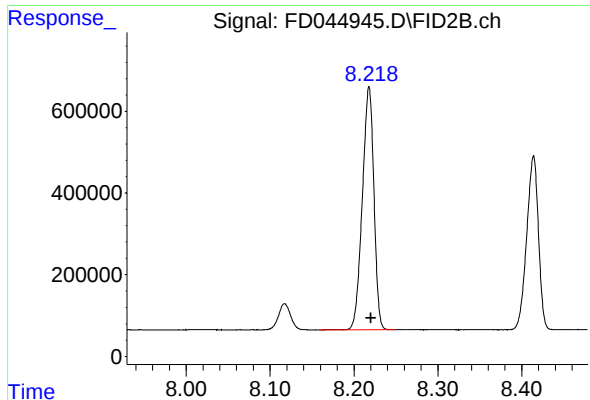
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.946 min
Delta R.T.: -0.003 min
Response: 5189696
Conc: 30.25 ug/ml



#4 2-Bromonaphthalene (SURR)

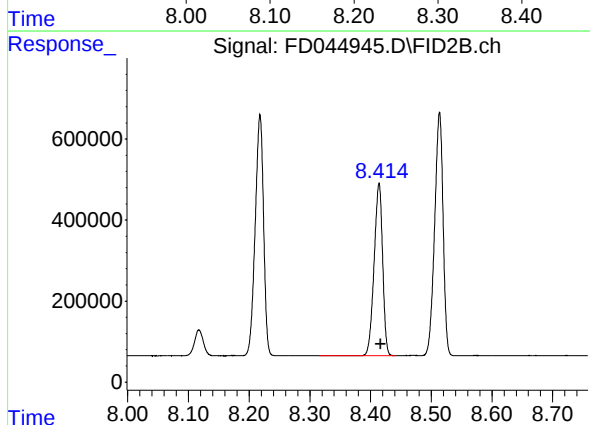
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 6366043
Conc: 43.41 ug/ml



#5 Acenaphthylene (C15.06)

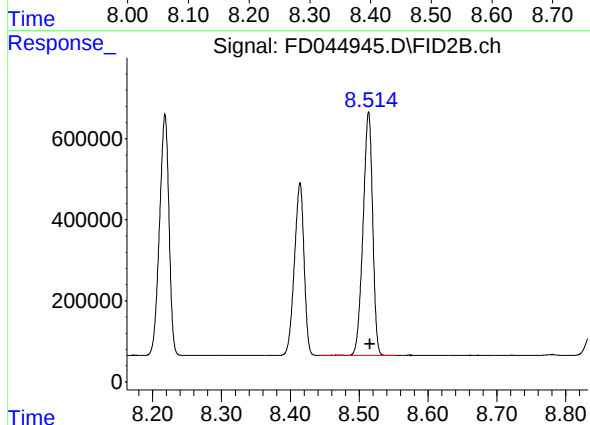
R.T.: 8.218 min
Delta R.T.: -0.002 min
Response: 5692944
Conc: 36.23 ug/ml

Instrument :
FID_D
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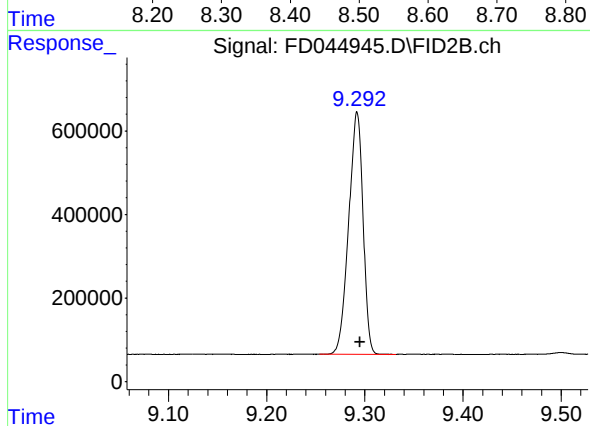
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 4138090
Conc: 41.46 ug/ml



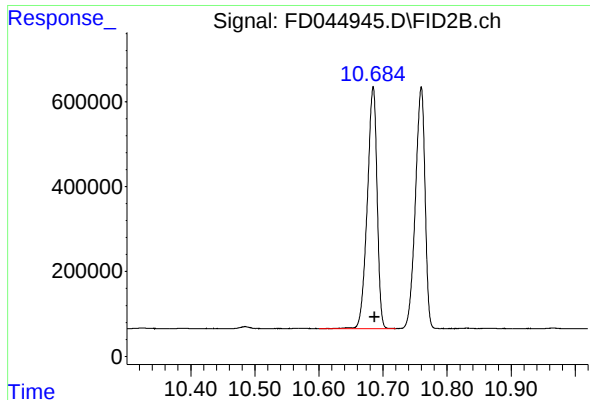
#7 Acenaphthene (C15.5)

R.T.: 8.513 min
Delta R.T.: -0.002 min
Response: 5814067
Conc: 34.97 ug/ml



#8 Flouorene (C16.55)

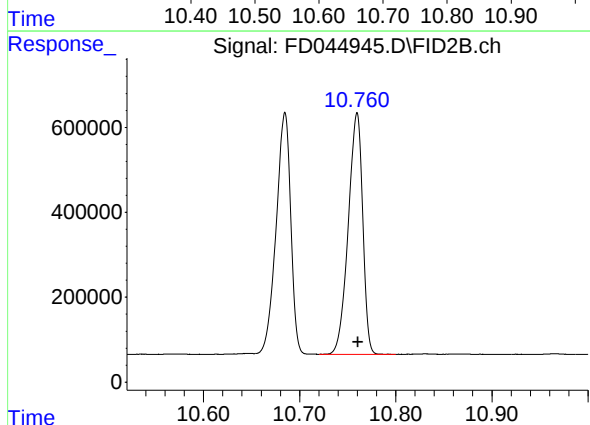
R.T.: 9.292 min
Delta R.T.: -0.003 min
Response: 5902495
Conc: 35.96 ug/ml



#9 Phenanthrene (C19.36)

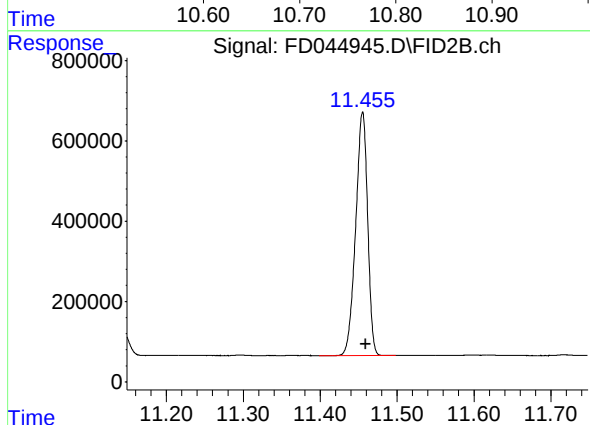
R.T.: 10.684 min
Delta R.T.: -0.003 min
Response: 6056599
Conc: 37.46 ug/ml

Instrument :
FID_D
ClientSampleId :
PB150569BSD



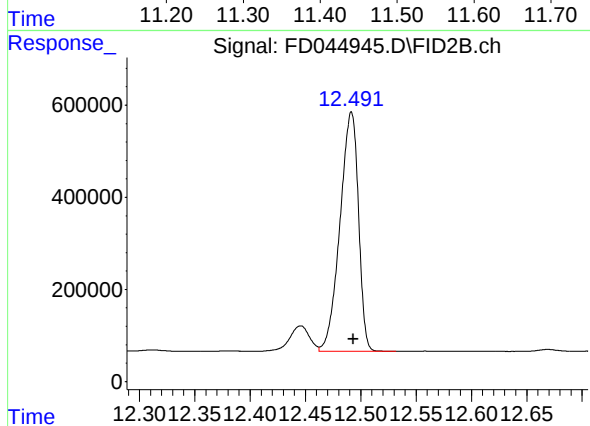
#10 Anthracene (C19.43)

R.T.: 10.759 min
Delta R.T.: -0.002 min
Response: 5948380
Conc: 40.12 ug/ml



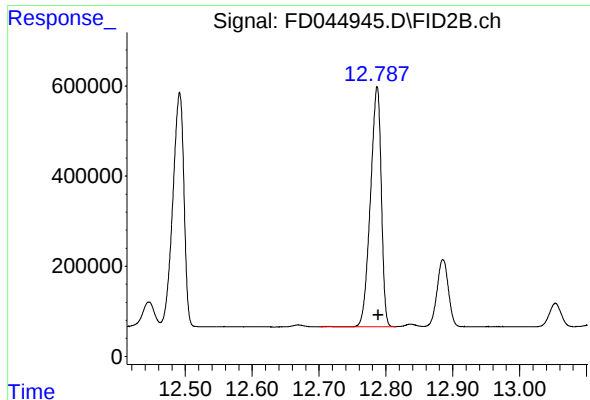
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 6555520
Conc: 35.27 ug/ml



#12 Fluoranthene (C21.85)

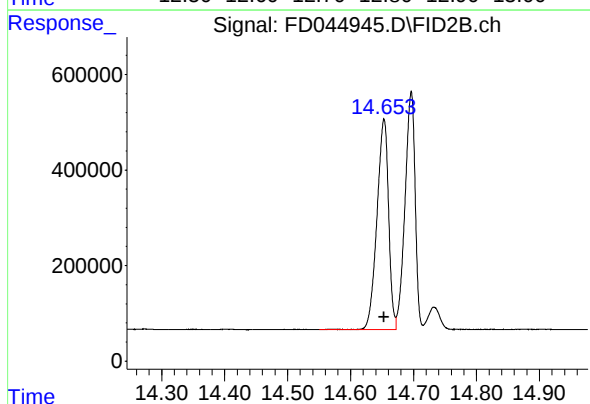
R.T.: 12.491 min
Delta R.T.: -0.002 min
Response: 6033063
Conc: 37.70 ug/ml



#13 Pyrene (C20.8)

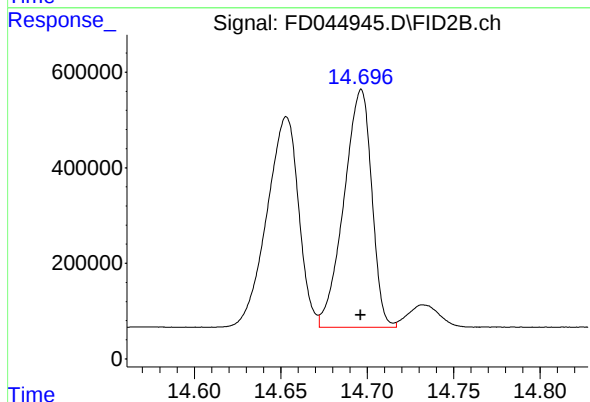
R.T.: 12.787 min
Delta R.T.: -0.002 min
Response: 6023664
Conc: 38.39 ug/ml

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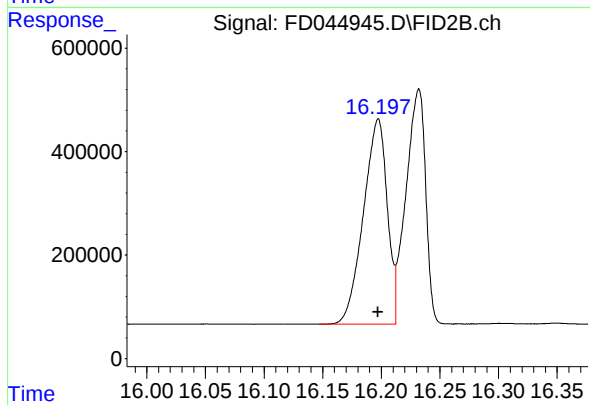
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.653 min
Delta R.T.: 0.000 min
Response: 5649066
Conc: 39.58 ug/ml



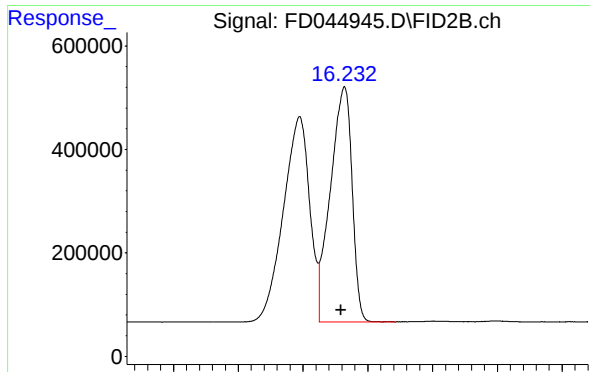
#15 Chrysene (C27.41)

R.T.: 14.696 min
Delta R.T.: 0.000 min
Response: 5572409
Conc: 37.64 ug/ml



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

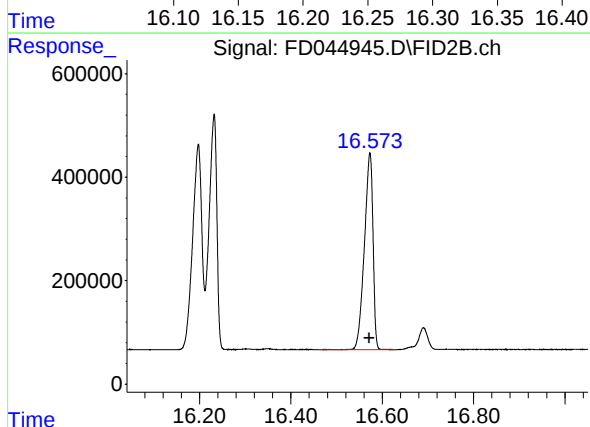
R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 5614676
Conc: 38.70 ug/ml



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

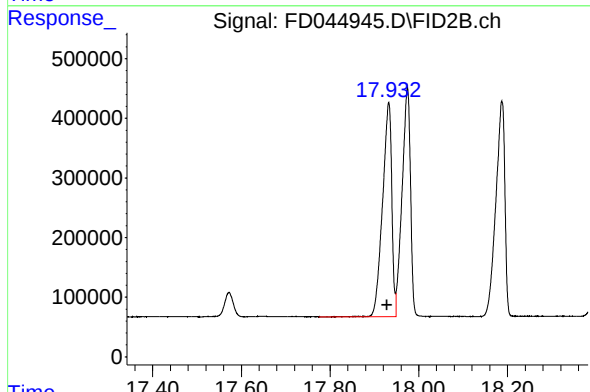
R.T.: 16.231 min
Delta R.T.: 0.002 min
Response: 5298934
Conc: 37.17 ug/ml

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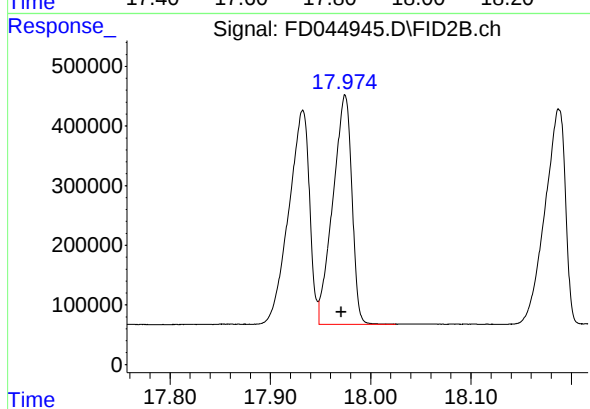
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.573 min
Delta R.T.: 0.000 min
Response: 4974844
Conc: 35.60 ug/ml



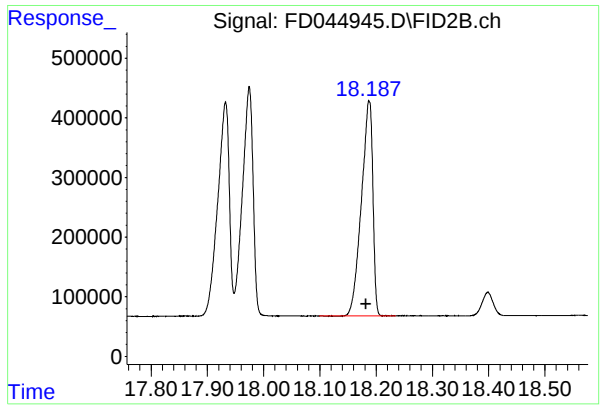
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.932 min
Delta R.T.: 0.004 min
Response: 5178560
Conc: 38.48 ug/ml



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

R.T.: 17.974 min
Delta R.T.: 0.003 min
Response: 5050749
Conc: 38.11 ug/ml



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

R.T.: 18.187 min
Delta R.T.: 0.005 min
Response: 5094919
Conc: 37.47 ug/ml

Instrument :

FID_D

ClientSampleId :

PB150569BSD