

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060623AR\
 Data File : FD045797.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jun 2023 13:36
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 07 04:40:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.530	4015093	22.271 ug/ml
Spiked Amount 50.000		Recovery =	44.54%
6) S 2-Fluorobiphenyl (SURR)	8.385	2652696	22.064 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.13%
11) S ortho-Terphenyl (SURR)	11.425	4882338	21.858 ug/ml
Spiked Amount 50.000		Recovery =	43.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.339	4565028	22.613 ug/ml
2) T Naphthalene (C11.7)	5.869	4710147	22.229 ug/ml
3) T 2-Methylnaphthalene (...)	6.918	4693228	22.221 ug/ml
5) T Acenaphthylene (C15.06)	8.189	4208682	22.214 ug/ml
7) T Acenaphthene (C15.5)	8.485	4482534	22.171 ug/ml
8) T Fluorene (C16.55)	9.263	4347771	21.943 ug/ml
9) T Phenanthrene (C19.36)	10.653	4120300	21.537 ug/ml
10) T Anthracene (C19.43)	10.727	3526497	20.702 ug/ml
12) T Fluoranthene (C21.85)	12.457	3945539	21.356 ug/ml
13) T Pyrene (C20.8)	12.752	3832172	21.457 ug/ml
14) T Benzo[a]anthracene (C...	14.615	3229162	20.625 ug/ml
15) T Chrysene (C27.41)	14.658	3395557	20.581 ug/ml
16) T benzo[b]fluoranthene ...	16.157	3136713	20.725 ug/ml
17) T Bnezo[k]fluoranthene ...	16.189	3115681	20.125 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.532	3035968	20.760 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.889	2992244	20.430 ug/ml
20) T Dibenz[a,h]anthracene...	17.932	3145297	20.966 ug/ml
21) T Benzo[g,h,i]perylene ...	18.142	3116816	21.123 ug/ml

(f)=RT Delta > 1/2 Window

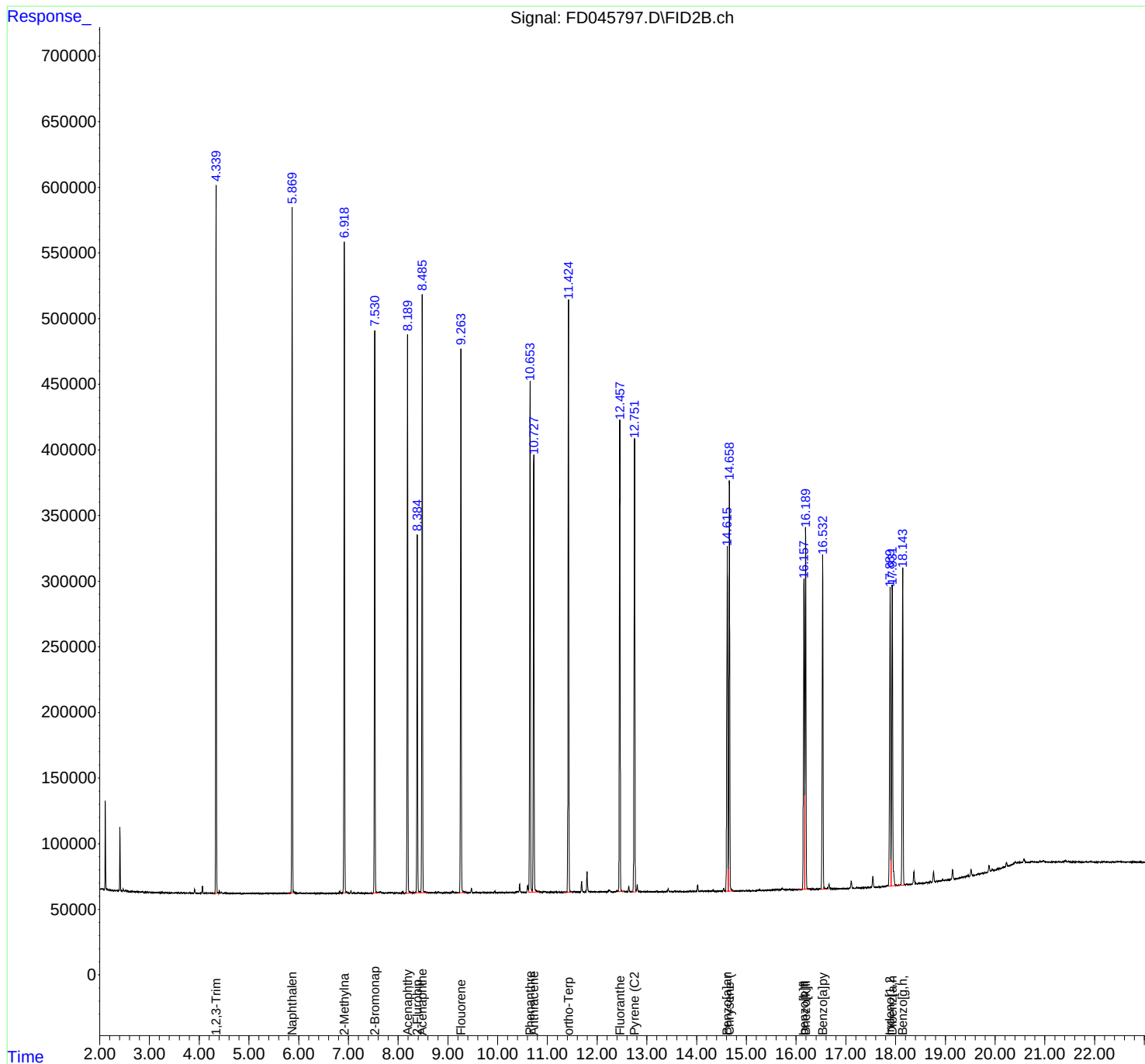
(m)=manual int.

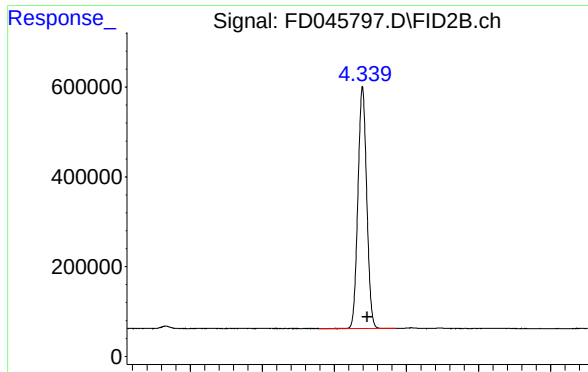
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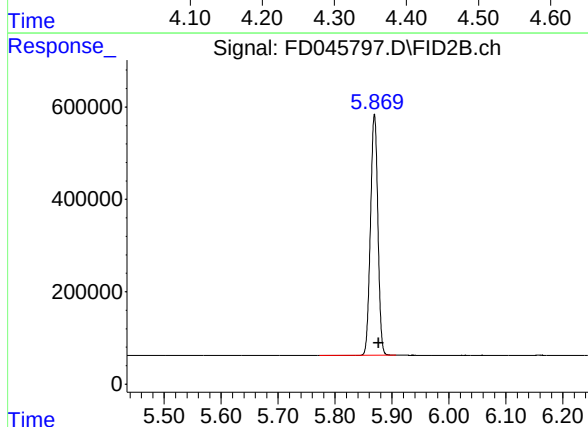




#1 1,2,3-Trimethylbenzene (C10.1)

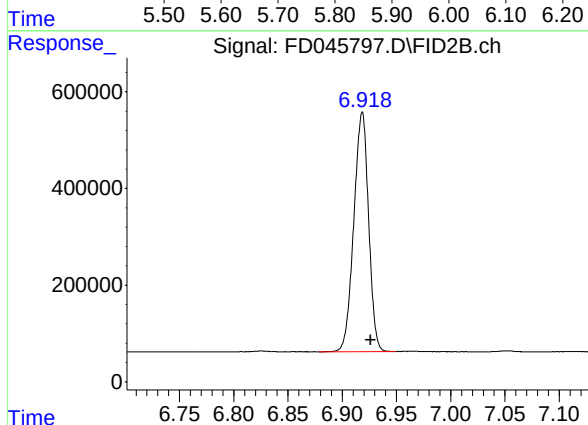
R.T.: 4.339 min
Delta R.T.: -0.007 min
Response: 4565028
Conc: 22.61 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



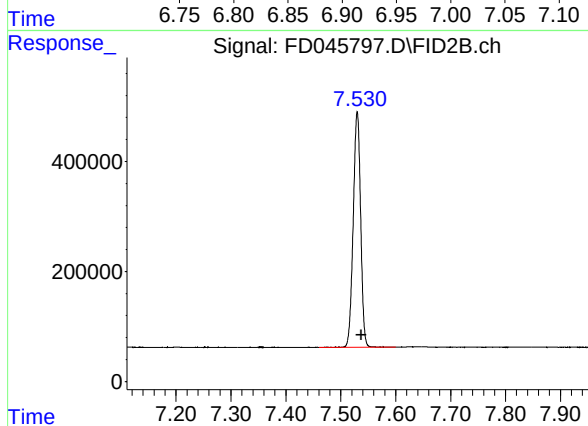
#2 Naphthalene (C11.7)

R.T.: 5.869 min
Delta R.T.: -0.007 min
Response: 4710147
Conc: 22.23 ug/ml



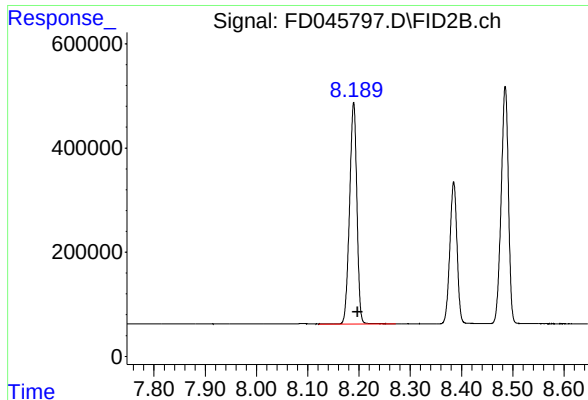
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.918 min
Delta R.T.: -0.008 min
Response: 4693228
Conc: 22.22 ug/ml



#4 2-Bromonaphthalene (SURR)

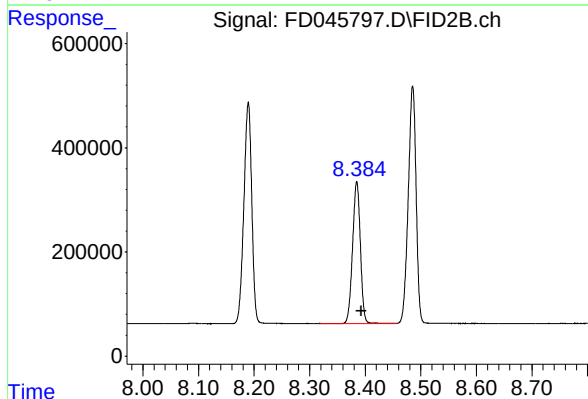
R.T.: 7.530 min
Delta R.T.: -0.007 min
Response: 4015093
Conc: 22.27 ug/ml



#5 Acenaphthylene (C15.06)

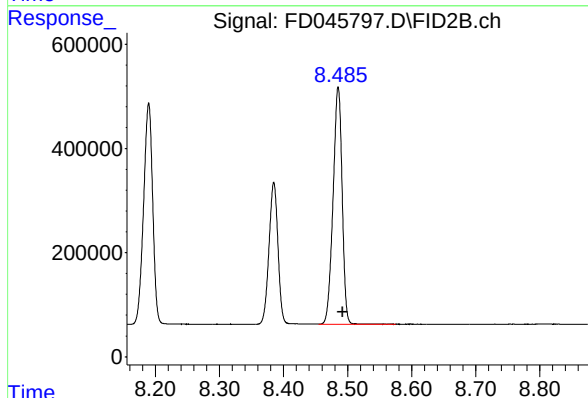
R.T.: 8.189 min
Delta R.T.: -0.007 min
Response: 4208682
Conc: 22.21 ug/ml

Instrument :
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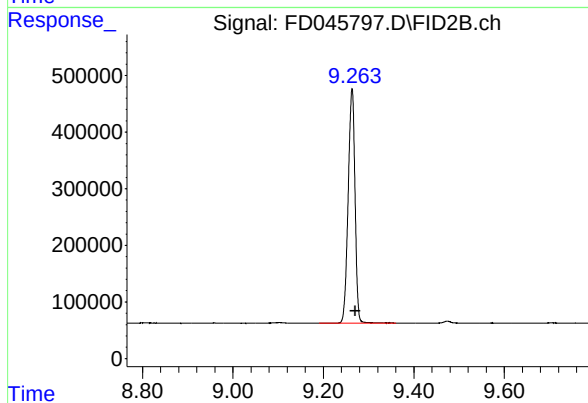
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.385 min
Delta R.T.: -0.008 min
Response: 2652696
Conc: 22.06 ug/ml



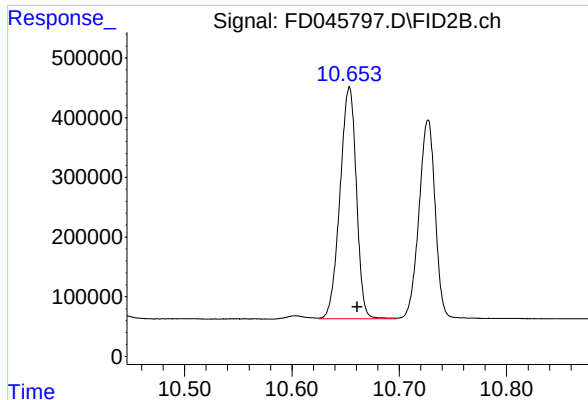
#7 Acenaphthene (C15.5)

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 4482534
Conc: 22.17 ug/ml



#8 Fluorene (C16.55)

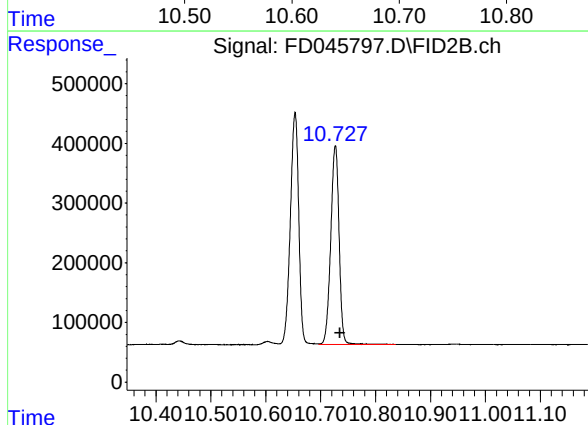
R.T.: 9.263 min
Delta R.T.: -0.007 min
Response: 4347771
Conc: 21.94 ug/ml



#9 Phenanthrene (C19.36)

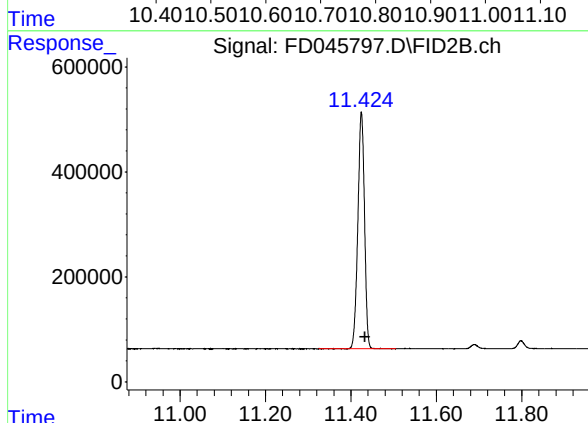
R.T.: 10.653 min
Delta R.T.: -0.008 min
Response: 4120300
Conc: 21.54 ug/ml

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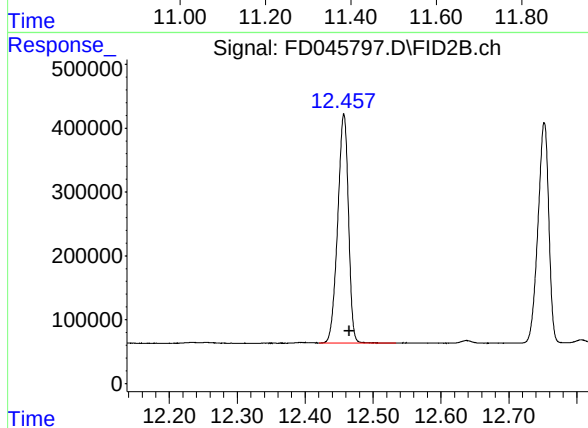
#10 Anthracene (C19.43)

R.T.: 10.727 min
Delta R.T.: -0.009 min
Response: 3526497
Conc: 20.70 ug/ml



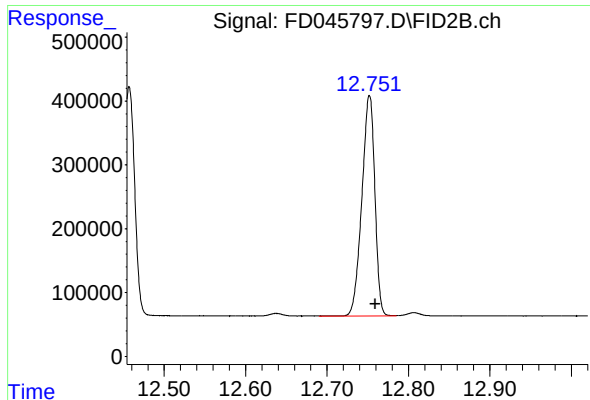
#11 ortho-Terphenyl (SURR)

R.T.: 11.425 min
Delta R.T.: -0.008 min
Response: 4882338
Conc: 21.86 ug/ml



#12 Fluoranthene (C21.85)

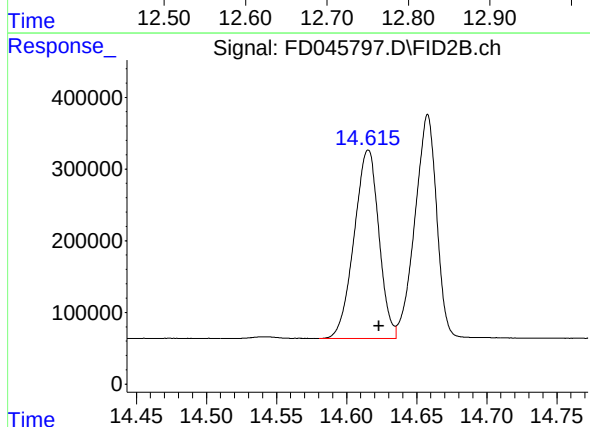
R.T.: 12.457 min
Delta R.T.: -0.008 min
Response: 3945539
Conc: 21.36 ug/ml



#13 Pyrene (C20.8)

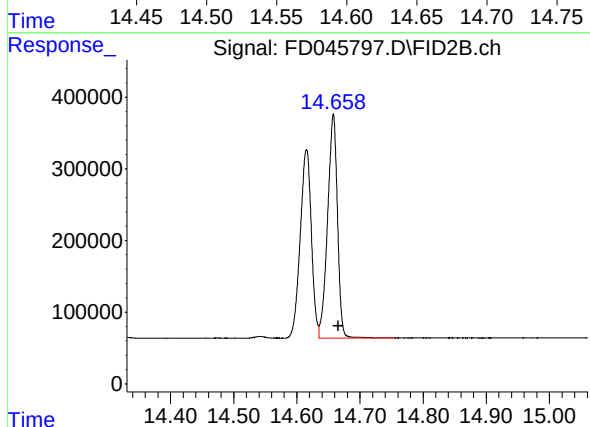
R.T.: 12.752 min
Delta R.T.: -0.007 min
Response: 3832172
Conc: 21.46 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



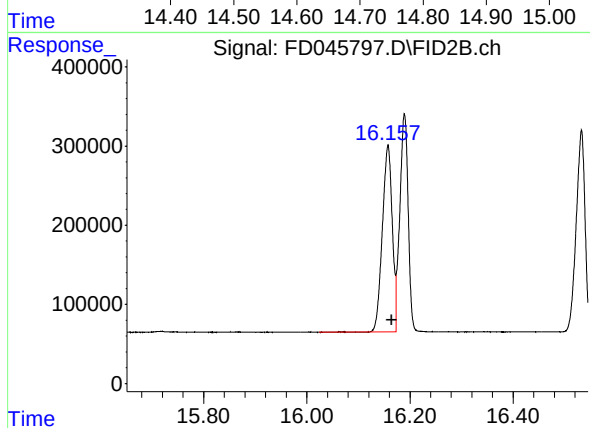
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.615 min
Delta R.T.: -0.008 min
Response: 3229162
Conc: 20.62 ug/ml



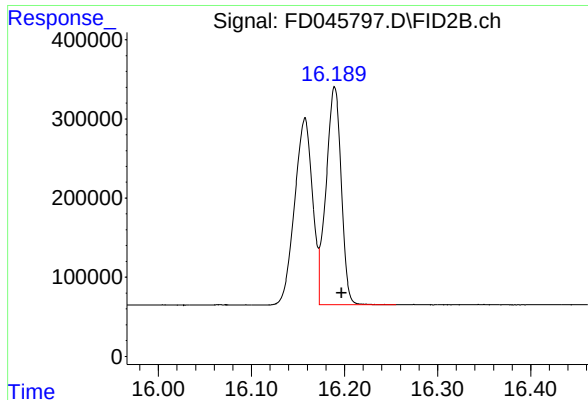
#15 Chrysene (C27.41)

R.T.: 14.658 min
Delta R.T.: -0.008 min
Response: 3395557
Conc: 20.58 ug/ml



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

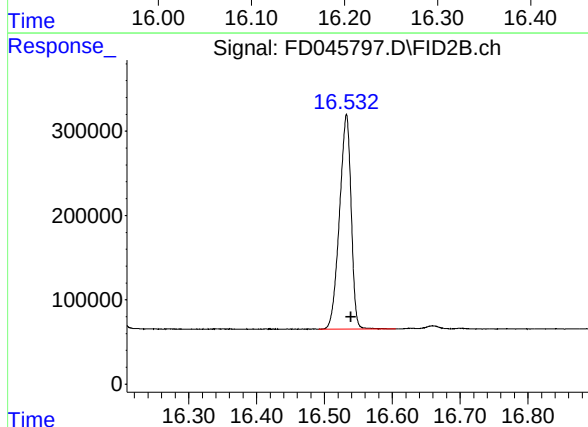
R.T.: 16.157 min
Delta R.T.: -0.007 min
Response: 3136713
Conc: 20.73 ug/ml



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

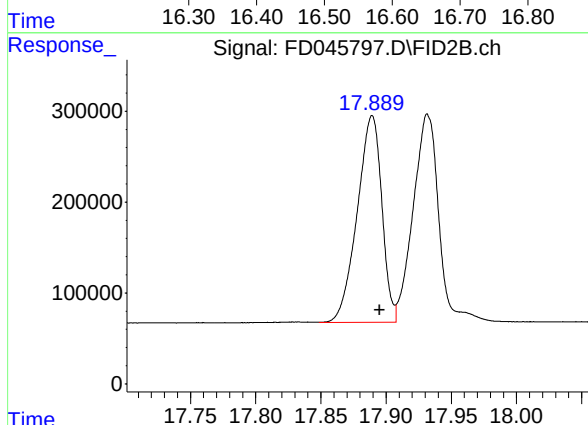
R.T.: 16.189 min
Delta R.T.: -0.007 min
Response: 3115681
Conc: 20.12 ug/ml

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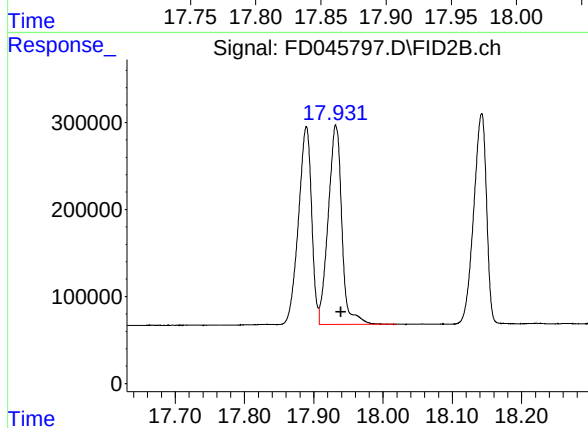
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.532 min
Delta R.T.: -0.007 min
Response: 3035968
Conc: 20.76 ug/ml



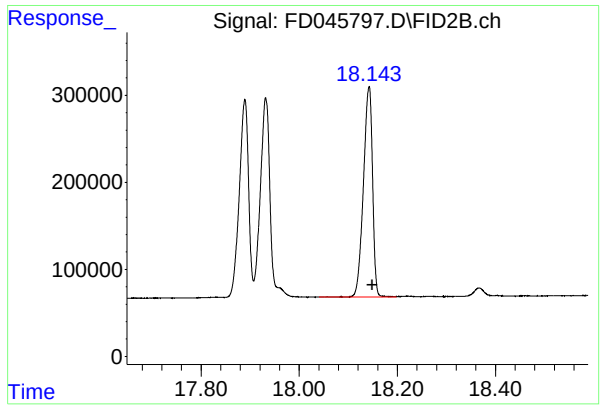
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.889 min
Delta R.T.: -0.006 min
Response: 2992244
Conc: 20.43 ug/ml



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

R.T.: 17.932 min
Delta R.T.: -0.007 min
Response: 3145297
Conc: 20.97 ug/ml



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

R.T.: 18.142 min
Delta R.T.: -0.007 min
Response: 3116816
Conc: 21.12 ug/ml

Instrument :

FID_D

ClientSampleId :

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