

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052223AR\
 Data File : FD045712.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2023 08:50
 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: May 23 00:25:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.541	3479815	20.401 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
6) S 2-Fluorobiphenyl (SURR)	8.396	2328348	20.251 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.50%
11) S ortho-Terphenyl (SURR)	11.436	4250441	20.133 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.349	3913454	20.965 ug/ml
2) T Naphthalene (C11.7)	5.880	4079523	20.740 ug/ml
3) T 2-Methylnaphthalene (...)	6.929	4098456	20.747 ug/ml
5) T Acenaphthylene (C15.06)	8.200	3667197	20.411 ug/ml
7) T Acenaphthene (C15.5)	8.496	3894951	20.468 ug/ml
8) T Fluorene (C16.55)	9.274	3812606	20.216 ug/ml
9) T Phenanthrene (C19.36)	10.665	3687587	19.839 ug/ml
10) T Anthracene (C19.43)	10.739	3506934	19.617 ug/ml
12) T Fluoranthene (C21.85)	12.468	3522540	19.527 ug/ml
13) T Pyrene (C20.8)	12.764	3421452	19.522 ug/ml
14) T Benzo[a]anthracene (C...	14.626	2987816	18.771 ug/ml
15) T Chrysene (C27.41)	14.669	3074641	18.935 ug/ml
16) T benzo[b]fluoranthene ...	16.168	2831281	19.224 ug/ml
17) T Bnezo[k]fluoranthene ...	16.200	2775131	19.193 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.543	2715725	19.478 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.898	2648135	20.843 ug/ml
20) T Dibenz[a,h]anthracene...	17.940	2664211	20.744 ug/ml
21) T Benzo[g,h,i]perylene ...	18.152	2713756	21.098 ug/ml

(f)=RT Delta > 1/2 Window

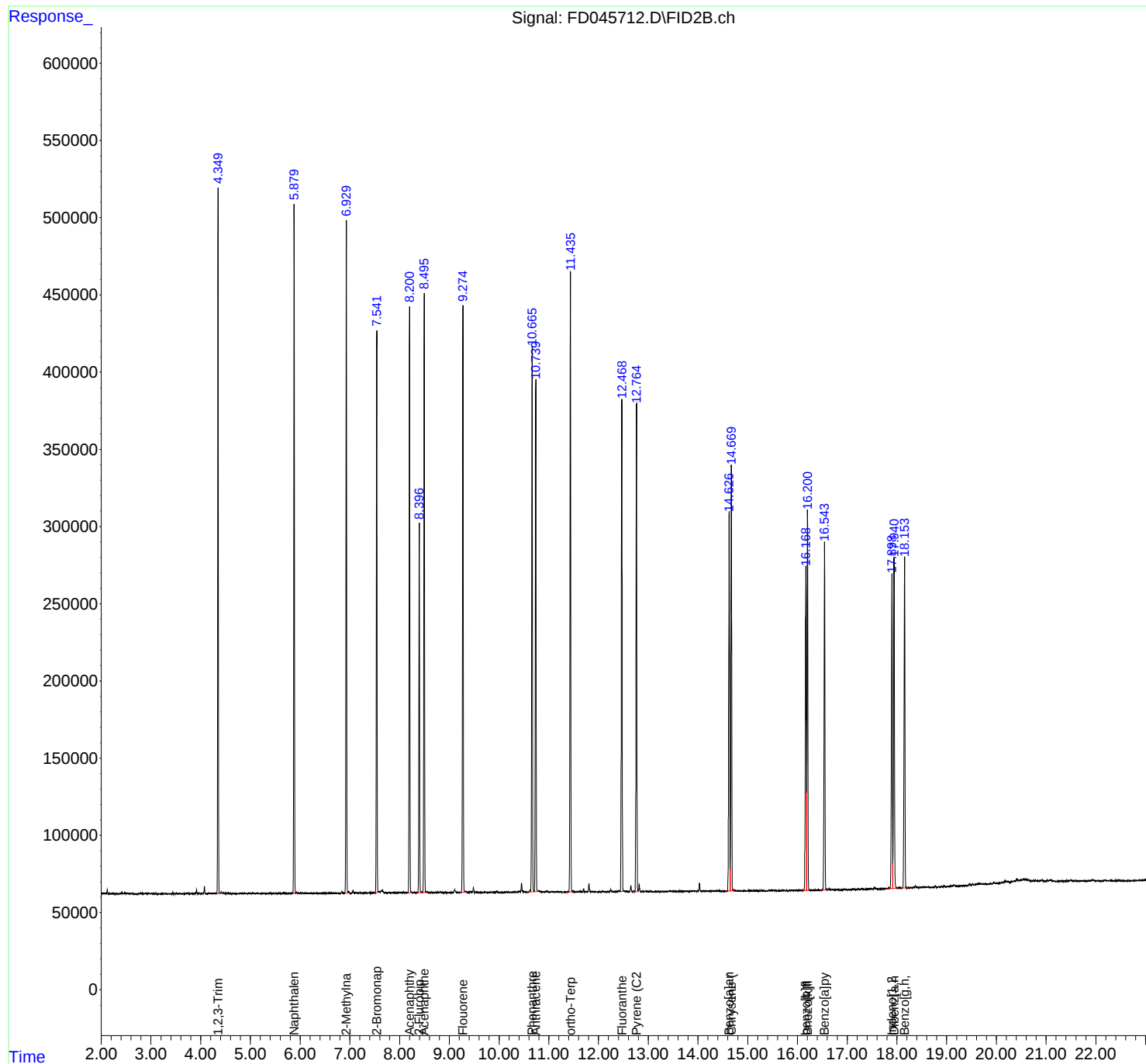
(m)=manual int.

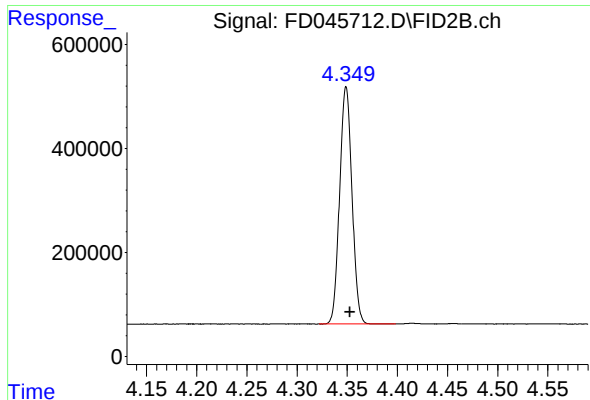
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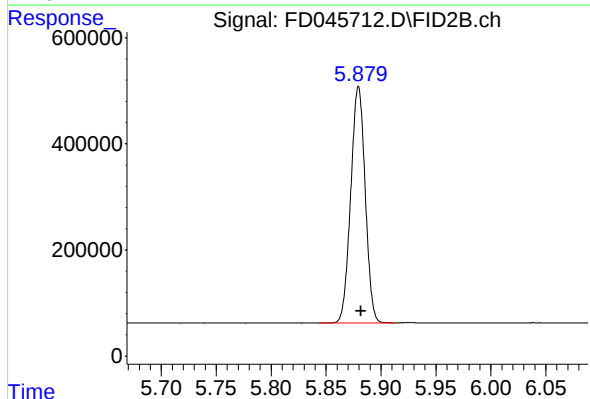




#1 1,2,3-Trimethylbenzene (C10.1)

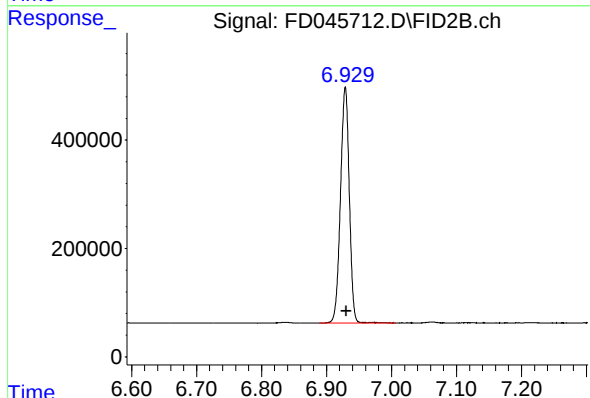
R.T.: 4.349 min
Delta R.T.: -0.004 min
Response: 3913454
Conc: 20.97 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



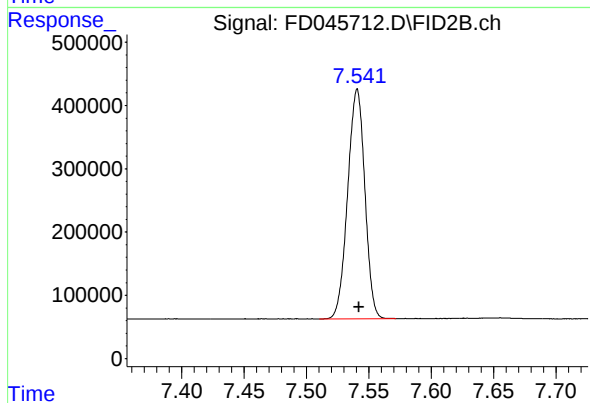
#2 Naphthalene (C11.7)

R.T.: 5.880 min
Delta R.T.: -0.002 min
Response: 4079523
Conc: 20.74 ug/ml



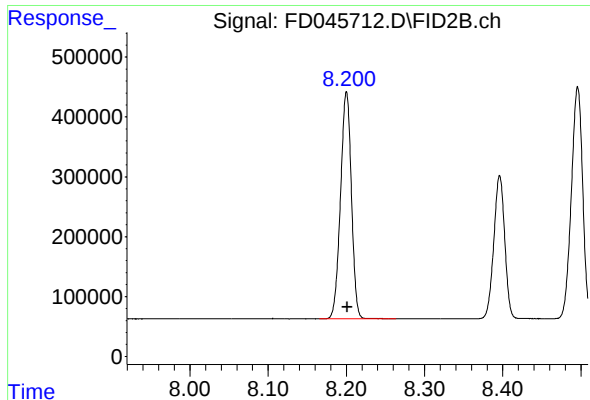
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.929 min
Delta R.T.: -0.001 min
Response: 4098456
Conc: 20.75 ug/ml



#4 2-Bromonaphthalene (SURR)

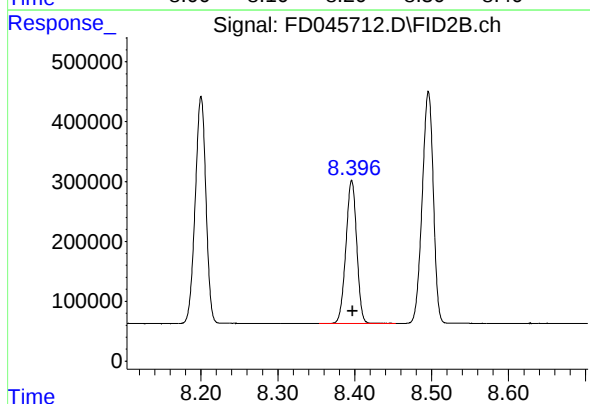
R.T.: 7.541 min
Delta R.T.: -0.002 min
Response: 3479815
Conc: 20.40 ug/ml



#5 Acenaphthylene (C15.06)

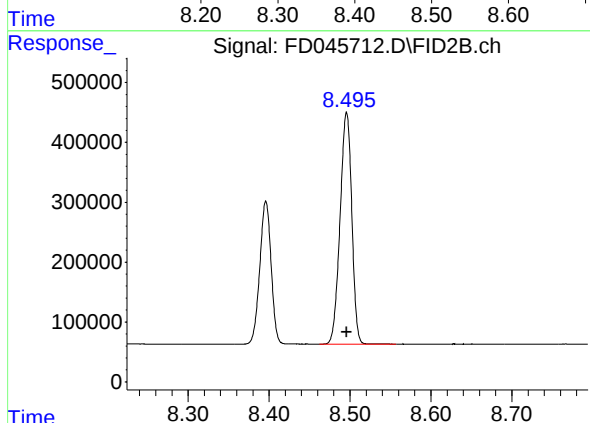
R.T.: 8.200 min
Delta R.T.: 0.000 min
Response: 3667197
Conc: 20.41 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



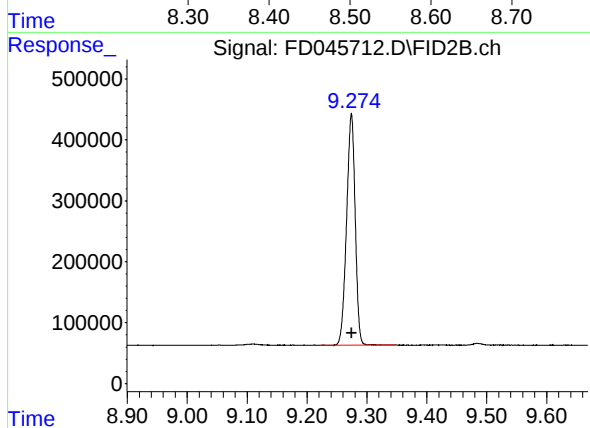
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.396 min
Delta R.T.: -0.001 min
Response: 2328348
Conc: 20.25 ug/ml



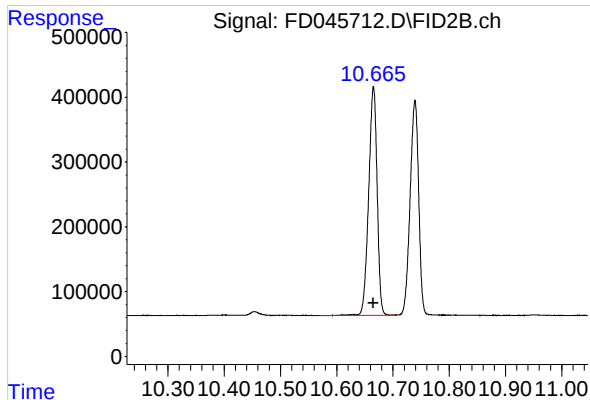
#7 Acenaphthene (C15.5)

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 3894951
Conc: 20.47 ug/ml



#8 Fluorene (C16.55)

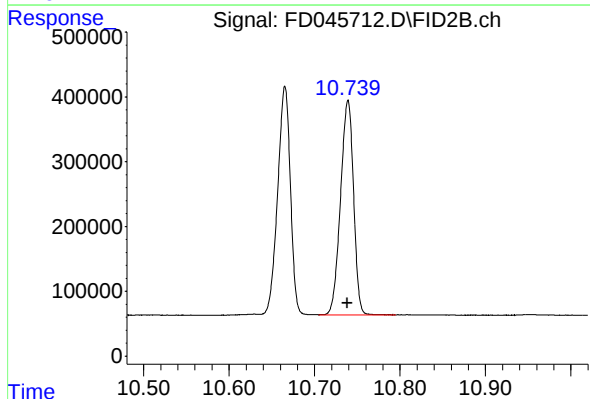
R.T.: 9.274 min
Delta R.T.: 0.000 min
Response: 3812606
Conc: 20.22 ug/ml



#9 Phenanthrene (C19.36)

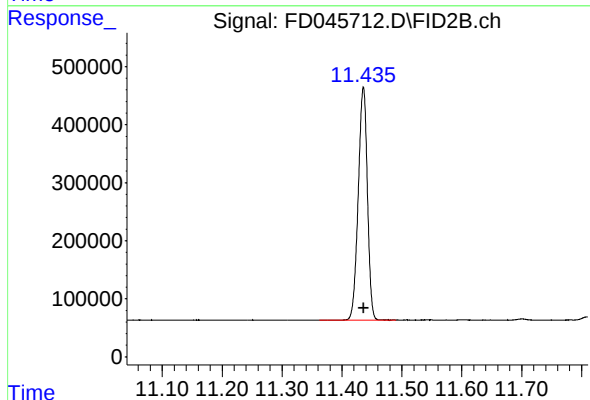
R.T.: 10.665 min
Delta R.T.: 0.000 min
Response: 3687587
Conc: 19.84 ug/ml

Instrument :
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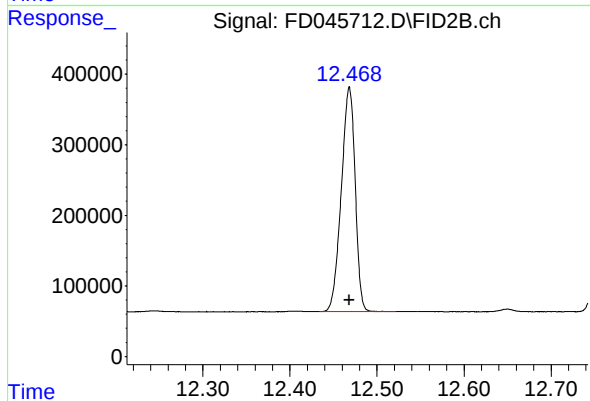
#10 Anthracene (C19.43)

R.T.: 10.739 min
Delta R.T.: 0.000 min
Response: 3506934
Conc: 19.62 ug/ml



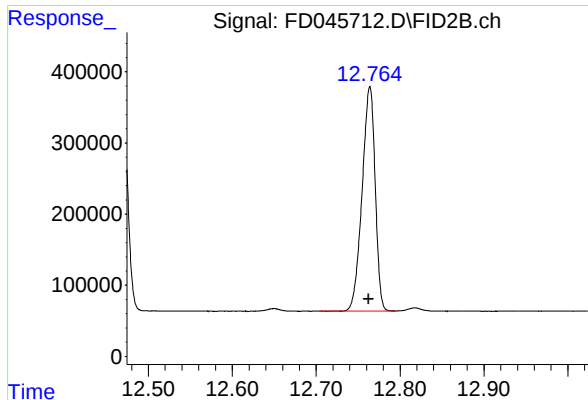
#11 ortho-Terphenyl (SURR)

R.T.: 11.436 min
Delta R.T.: 0.000 min
Response: 4250441
Conc: 20.13 ug/ml



#12 Fluoranthene (C21.85)

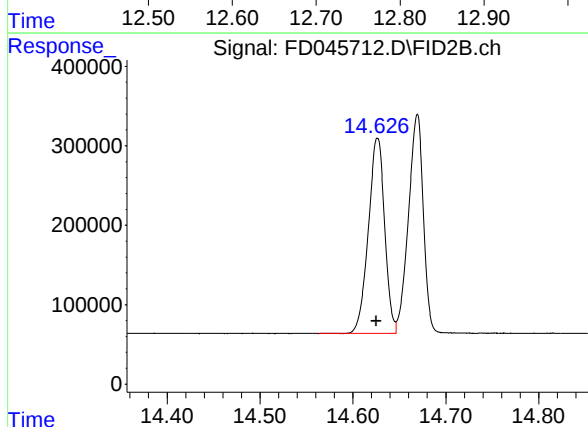
R.T.: 12.468 min
Delta R.T.: 0.000 min
Response: 3522540
Conc: 19.53 ug/ml



#13 Pyrene (C20.8)

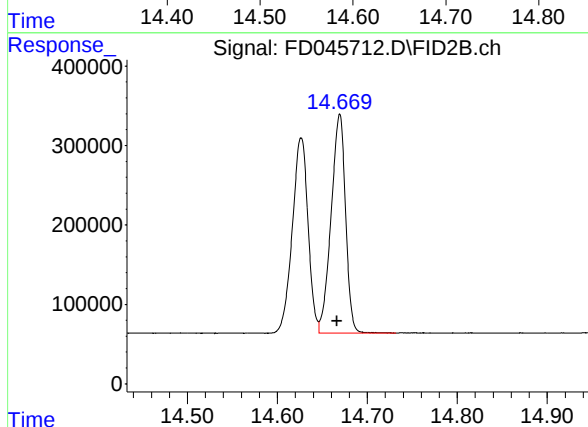
R.T.: 12.764 min
Delta R.T.: 0.001 min
Response: 3421452
Conc: 19.52 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



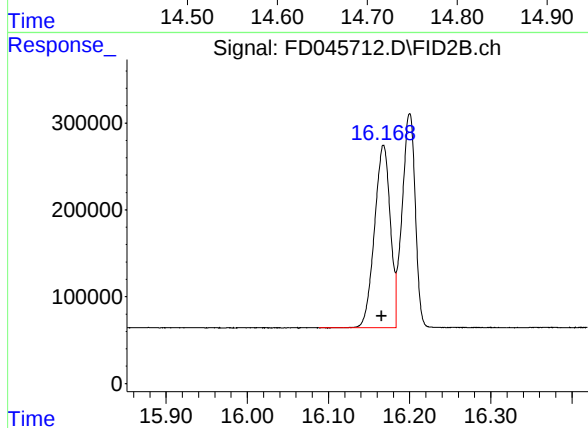
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.626 min
Delta R.T.: 0.001 min
Response: 2987816
Conc: 18.77 ug/ml



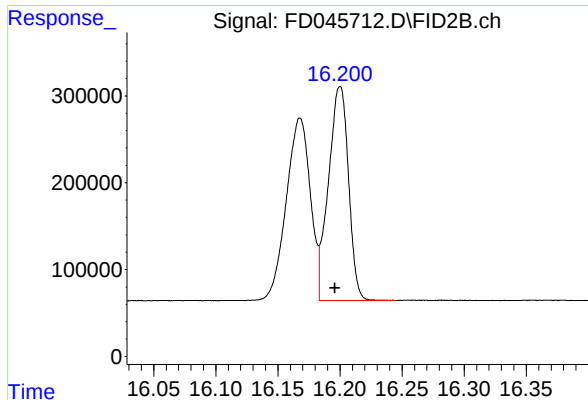
#15 Chrysene (C27.41)

R.T.: 14.669 min
Delta R.T.: 0.003 min
Response: 3074641
Conc: 18.94 ug/ml



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

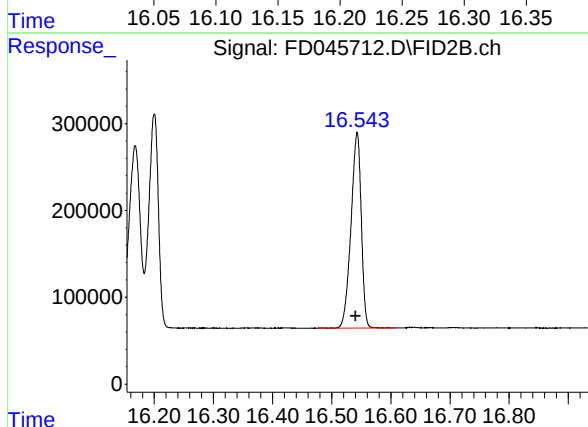
R.T.: 16.168 min
Delta R.T.: 0.002 min
Response: 2831281
Conc: 19.22 ug/ml



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

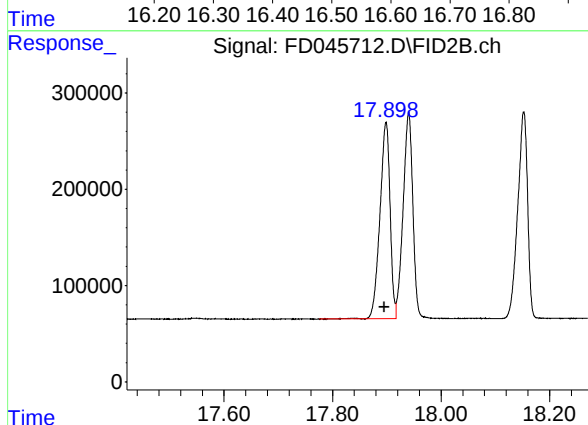
R.T.: 16.200 min
Delta R.T.: 0.004 min
Response: 2775131
Conc: 19.19 ug/ml

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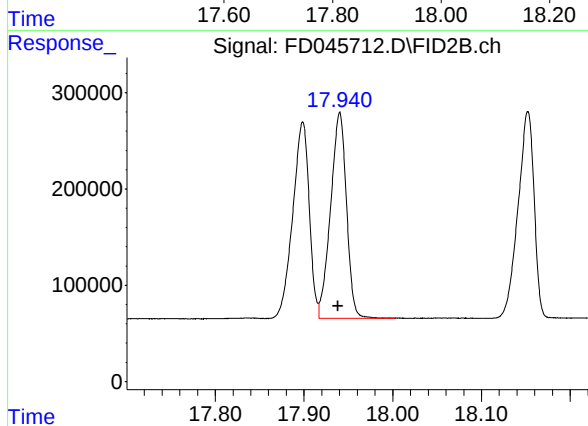
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.543 min
Delta R.T.: 0.002 min
Response: 2715725
Conc: 19.48 ug/ml



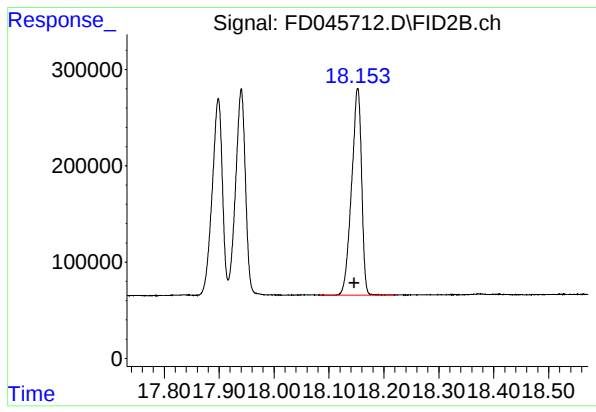
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.898 min
Delta R.T.: 0.003 min
Response: 2648135
Conc: 20.84 ug/ml



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

R.T.: 17.940 min
Delta R.T.: 0.002 min
Response: 2664211
Conc: 20.74 ug/ml



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

R.T.: 18.152 min

Delta R.T.: 0.006 min

Response: 2713756

Conc: 21.10 ug/ml

Instrument :

FID_D

ClientSampleId :

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