

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052223AR\
 Data File : FD045726.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2023 07:59
 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 08:35:01 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...	7.540	3458404	20.275 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
6) S 2-Fluorobiphenyl (SURR)	8.395	2306148	20.058 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.12%
11) S ortho-Terphenyl (SURR)	11.434	4222608	20.001 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.348	3883897	20.807 ug/ml
2) T Naphthalene (C11.7)	5.879	4049800	20.589 ug/ml
3) T 2-Methylnaphthalene (...)	6.928	4061755	20.561 ug/ml
5) T Acenaphthylene (C15.06)	8.199	3630298	20.206 ug/ml
7) T Acenaphthene (C15.5)	8.495	3856918	20.268 ug/ml
8) T Fluorene (C16.55)	9.273	3773508	20.009 ug/ml
9) T Phenanthrene (C19.36)	10.664	3661649	19.700 ug/ml
10) T Anthracene (C19.43)	10.737	3416482	19.111 ug/ml
12) T Fluoranthene (C21.85)	12.466	3499946	19.401 ug/ml
13) T Pyrene (C20.8)	12.761	3379387	19.282 ug/ml
14) T Benzo[a]anthracene (C...	14.624	2959858	18.596 ug/ml
15) T Chrysene (C27.41)	14.666	3040878	18.727 ug/ml
16) T benzo[b]fluoranthene ...	16.166	2822196	19.162 ug/ml
17) T Bnezo[k]fluoranthene ...	16.198	2764633	19.120 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.541	2708827	19.428 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.897	2633312	20.726 ug/ml
20) T Dibenz[a,h]anthracene...	17.940	2693087	20.969 ug/ml
21) T Benzo[g,h,i]perylene ...	18.150	2720341	21.149 ug/ml

(f)=RT Delta > 1/2 Window

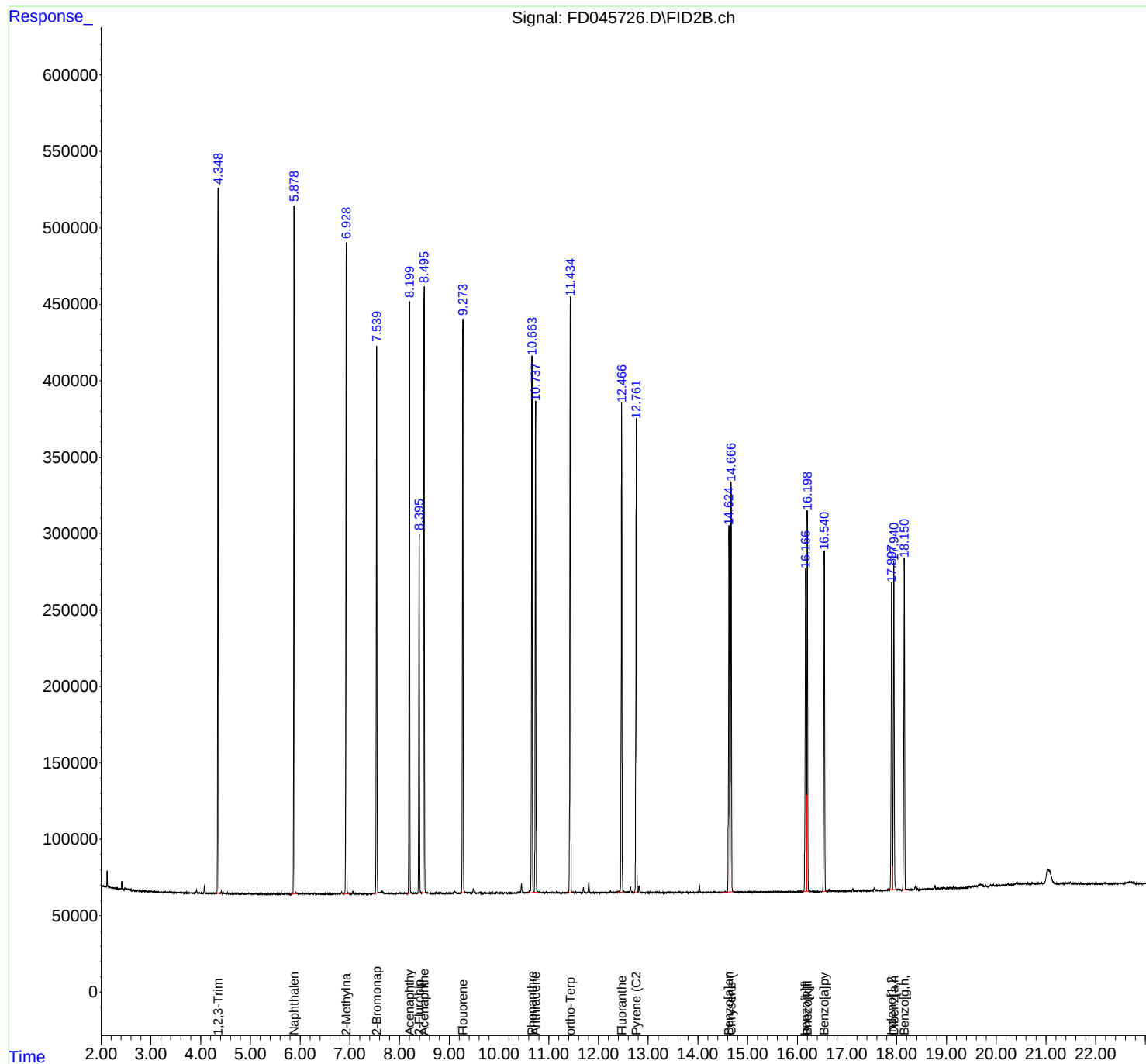
(m)=manual int.

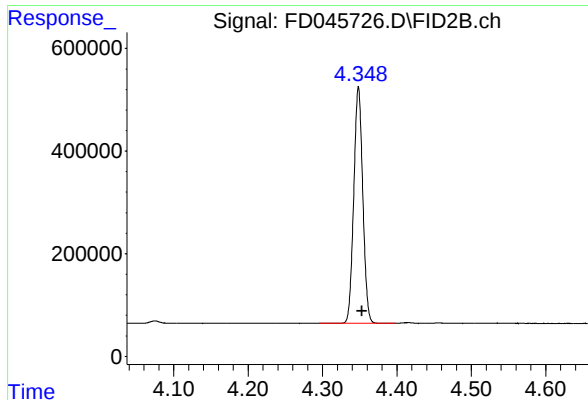
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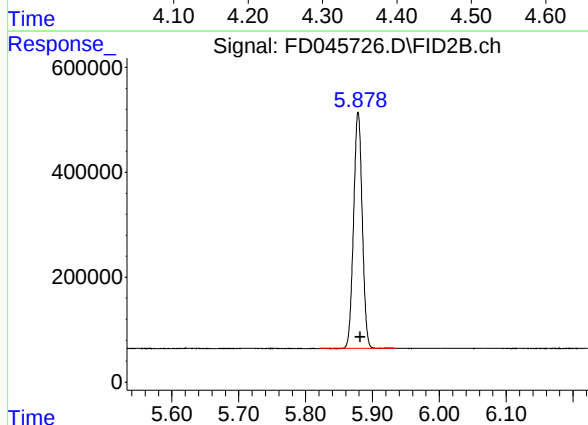




#1 1,2,3-Trimethylbenzene (C10.1)

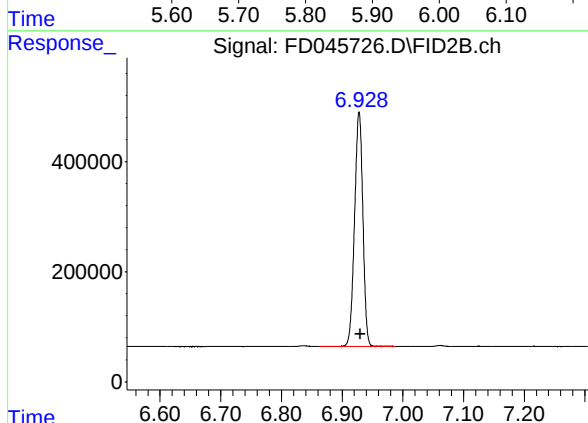
R.T.: 4.348 min
Delta R.T.: -0.005 min
Response: 3883897
Conc: 20.81 ug/ml

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20 PPM AROMATIC HC STD



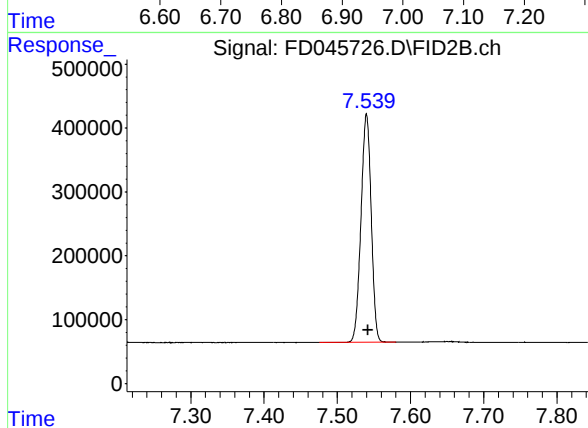
#2 Naphthalene (C11.7)

R.T.: 5.879 min
Delta R.T.: -0.003 min
Response: 4049800
Conc: 20.59 ug/ml



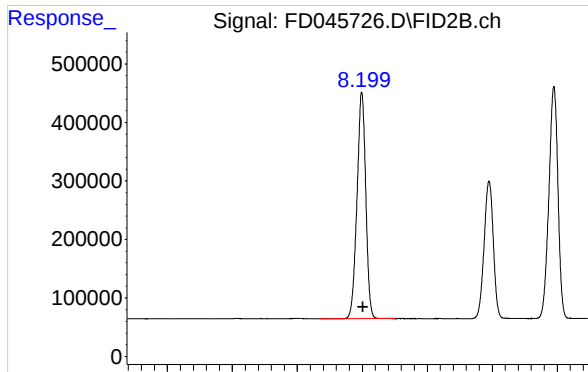
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 4061755
Conc: 20.56 ug/ml



#4 2-Bromonaphthalene (SURR)

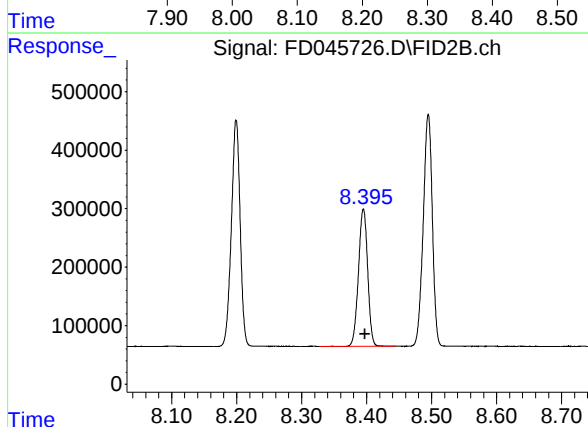
R.T.: 7.540 min
Delta R.T.: -0.002 min
Response: 3458404
Conc: 20.28 ug/ml



#5 Acenaphthylene (C15.06)

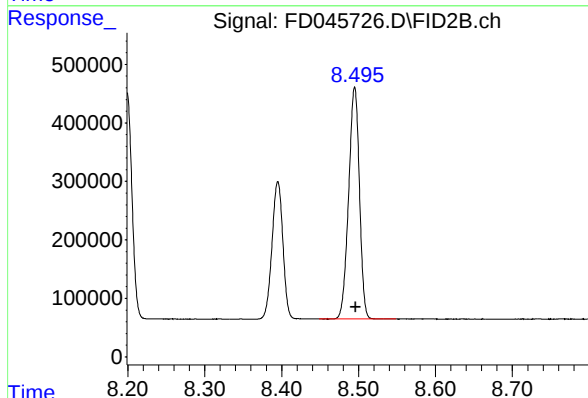
R.T.: 8.199 min
Delta R.T.: -0.002 min
Response: 3630298
Conc: 20.21 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



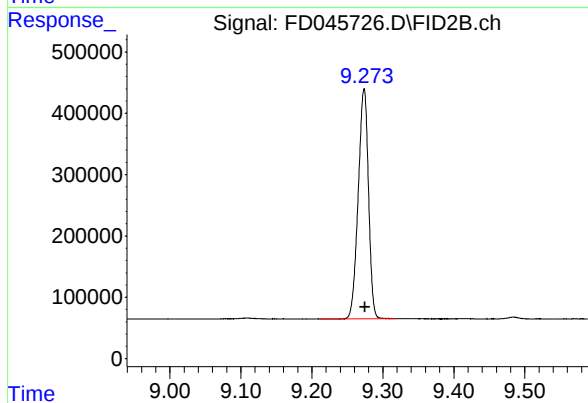
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.395 min
Delta R.T.: -0.002 min
Response: 2306148
Conc: 20.06 ug/ml



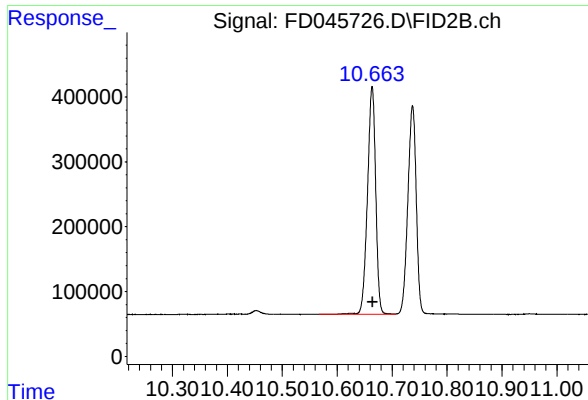
#7 Acenaphthene (C15.5)

R.T.: 8.495 min
Delta R.T.: -0.001 min
Response: 3856918
Conc: 20.27 ug/ml



#8 Fluorene (C16.55)

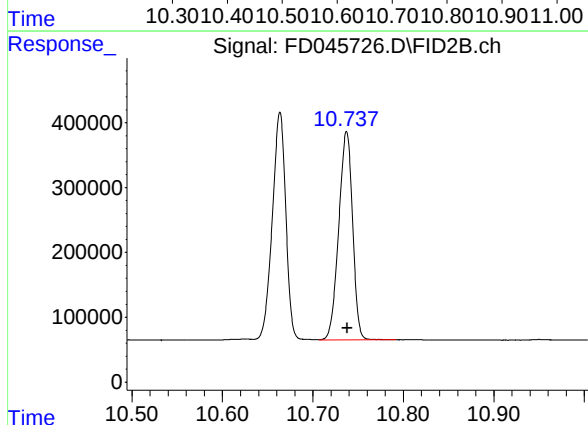
R.T.: 9.273 min
Delta R.T.: -0.001 min
Response: 3773508
Conc: 20.01 ug/ml



#9 Phenanthrene (C19.36)

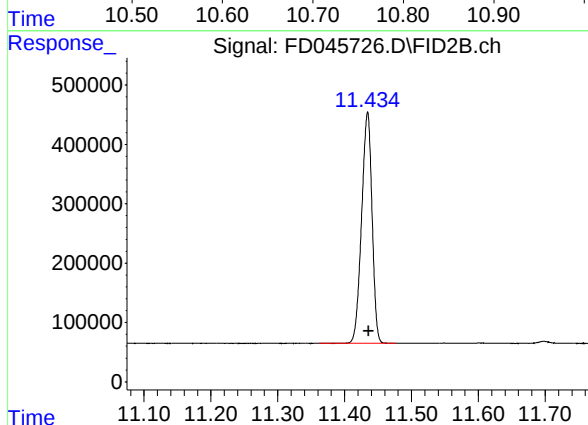
R.T.: 10.664 min
Delta R.T.: -0.001 min
Response: 3661649
Conc: 19.70 ug/ml

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20 PPM AROMATIC HC STD



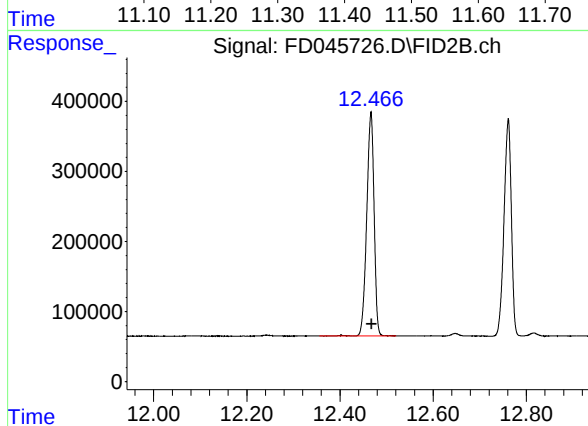
#10 Anthracene (C19.43)

R.T.: 10.737 min
Delta R.T.: -0.001 min
Response: 3416482
Conc: 19.11 ug/ml



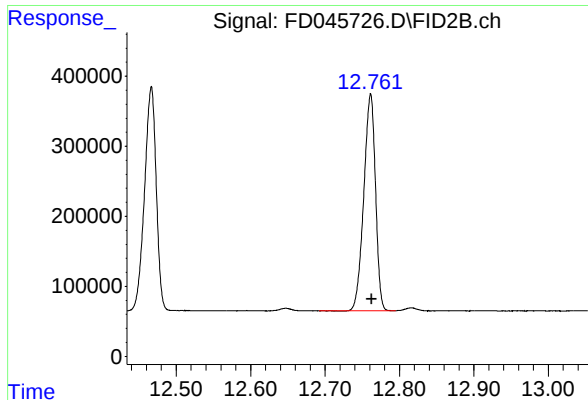
#11 ortho-Terphenyl (SURR)

R.T.: 11.434 min
Delta R.T.: -0.002 min
Response: 4222608
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

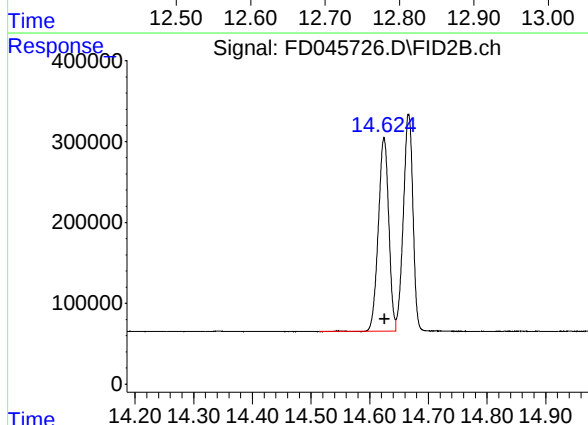
R.T.: 12.466 min
Delta R.T.: -0.002 min
Response: 3499946
Conc: 19.40 ug/ml



#13 Pyrene (C20.8)

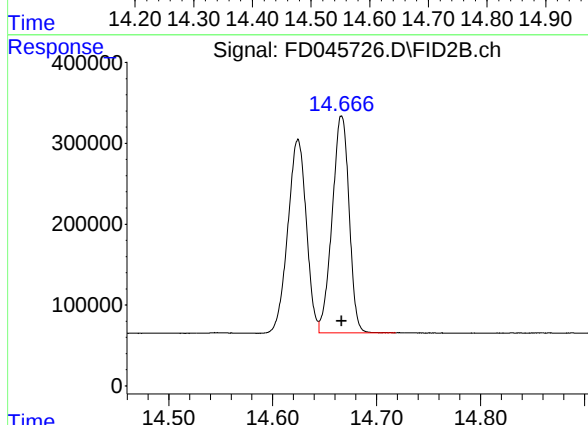
R.T.: 12.761 min
Delta R.T.: -0.001 min
Response: 3379387
Conc: 19.28 ug/ml

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20 PPM AROMATIC HC STD



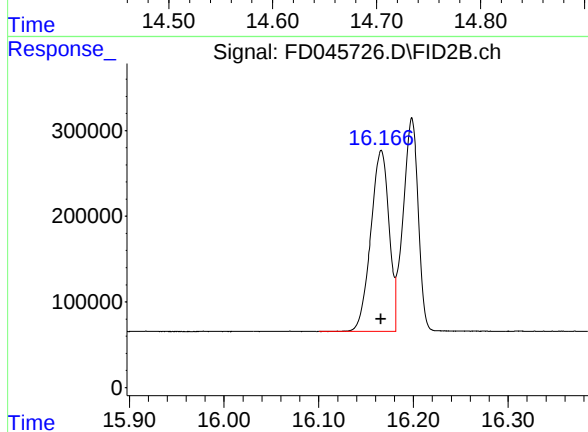
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.624 min
Delta R.T.: 0.000 min
Response: 2959858
Conc: 18.60 ug/ml



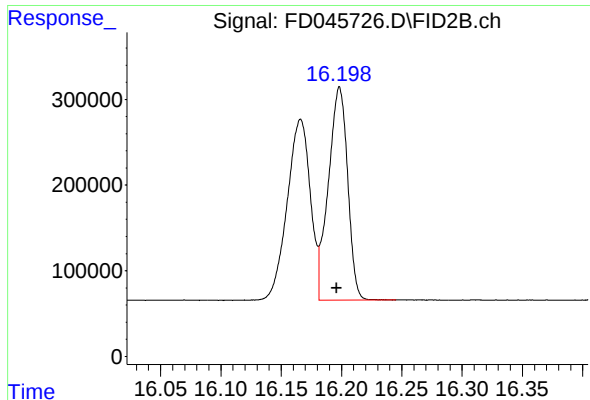
#15 Chrysene (C27.41)

R.T.: 14.666 min
Delta R.T.: 0.000 min
Response: 3040878
Conc: 18.73 ug/ml



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

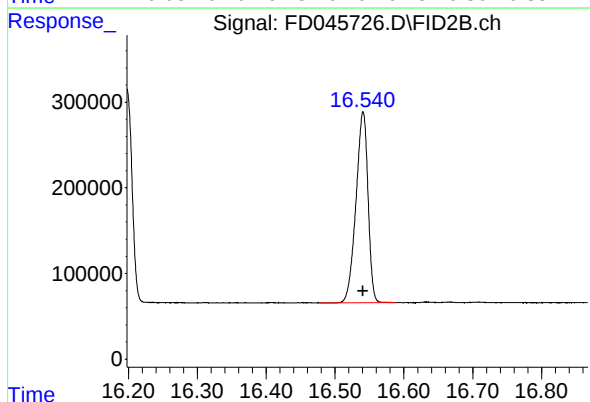
R.T.: 16.166 min
Delta R.T.: 0.000 min
Response: 2822196
Conc: 19.16 ug/ml



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

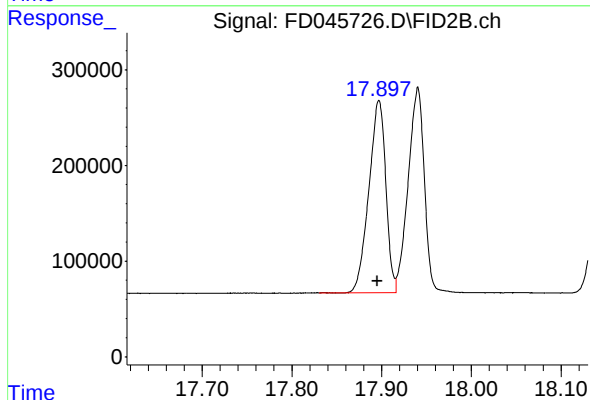
R.T.: 16.198 min
Delta R.T.: 0.002 min
Response: 2764633
Conc: 19.12 ug/ml

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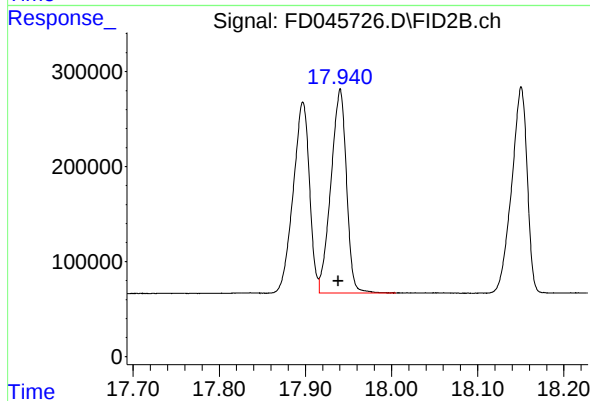
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.541 min
Delta R.T.: 0.000 min
Response: 2708827
Conc: 19.43 ug/ml



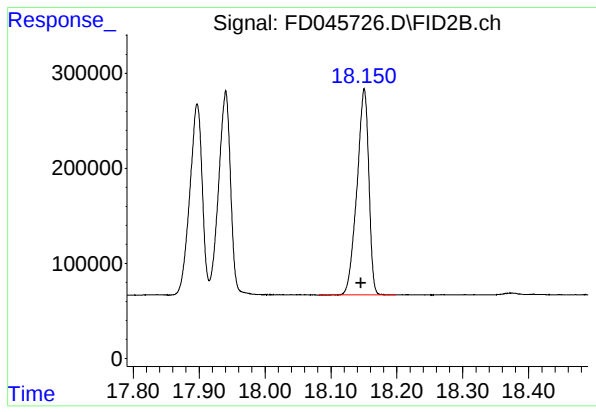
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.897 min
Delta R.T.: 0.002 min
Response: 2633312
Conc: 20.73 ug/ml



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

R.T.: 17.940 min
Delta R.T.: 0.002 min
Response: 2693087
Conc: 20.97 ug/ml



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

R.T.: 18.150 min

Delta R.T.: 0.004 min

Response: 2720341

Conc: 21.15 ug/ml

Instrument :

FID_D

ClientSampleId :

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