

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040623AR\
 Data File : FD045414.D
 Signal(s) : FID2B.ch
 Acq On : 06 Apr 2023 10:55
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 07 07:13:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.546	3034197	22.146 ug/ml
Spiked Amount 50.000		Recovery =	44.29%
6) S 2-Fluorobiphenyl (SURR)	8.402	1953433	21.790 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.58%
11) S ortho-Terphenyl (SURR)	11.442	3776632	21.707 ug/ml
Spiked Amount 50.000		Recovery =	43.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	3487240	22.385 ug/ml
2) T Naphthalene (C11.7)	5.885	3576070	22.252 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	3535244	22.084 ug/ml
5) T Acenaphthylene (C15.06)	8.206	3183810	21.745 ug/ml
7) T Acenaphthene (C15.5)	8.501	3404998	21.953 ug/ml
8) T Fluorene (C16.55)	9.279	3228220	21.770 ug/ml
9) T Phenanthrene (C19.36)	10.670	3142237	21.692 ug/ml
10) T Anthracene (C19.43)	10.744	2705117	19.570 ug/ml
12) T Fluoranthene (C21.85)	12.475	3086409	21.453 ug/ml
13) T Pyrene (C20.8)	12.770	3009609	21.406 ug/ml
14) T Benzo[a]anthracene (C...	14.634	2772325	21.618 ug/ml
15) T Chrysene (C27.41)	14.676	2917513	22.002 ug/ml
16) T benzo[b]fluoranthene ...	16.176	2846755	21.914 ug/ml
17) T Bnezo[k]fluoranthene ...	16.210	2940859	23.220 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.552	2710704	21.560 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.908	2623233	22.163 ug/ml
20) T Dibenz[a,h]anthracene...	17.950	2887802	24.240 ug/ml
21) T Benzo[g,h,i]perylene ...	18.162	2664653	21.333 ug/ml

(f)=RT Delta > 1/2 Window

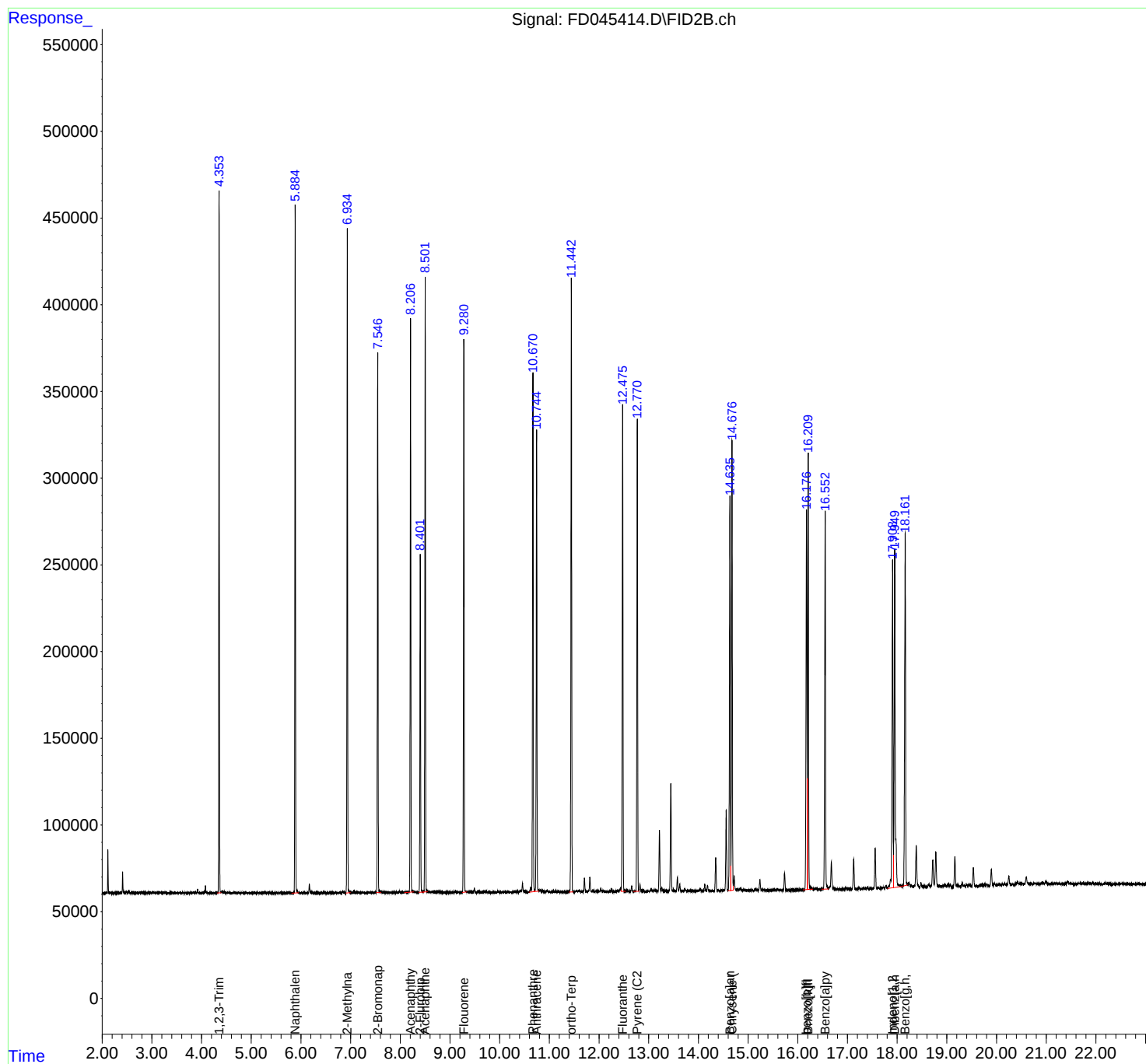
(m)=manual int.

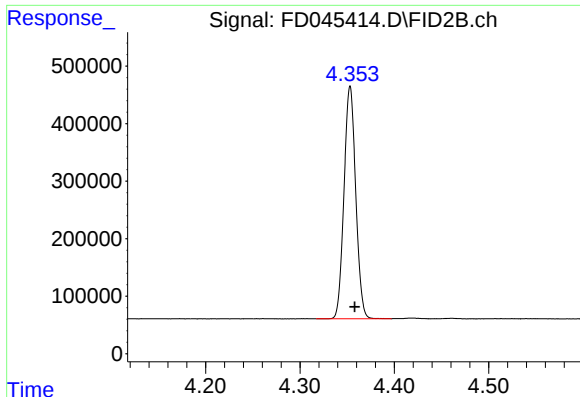
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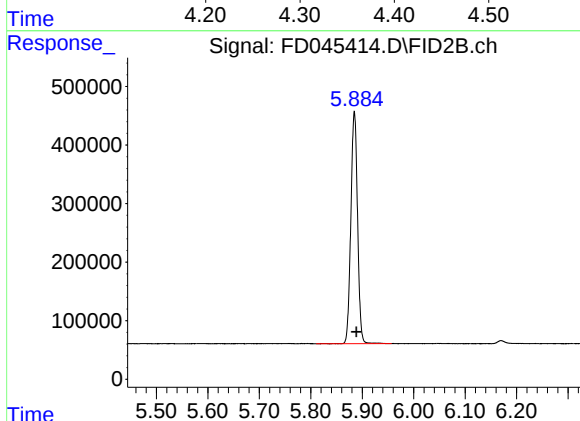




#1 1,2,3-Trimethylbenzene (C10.1)

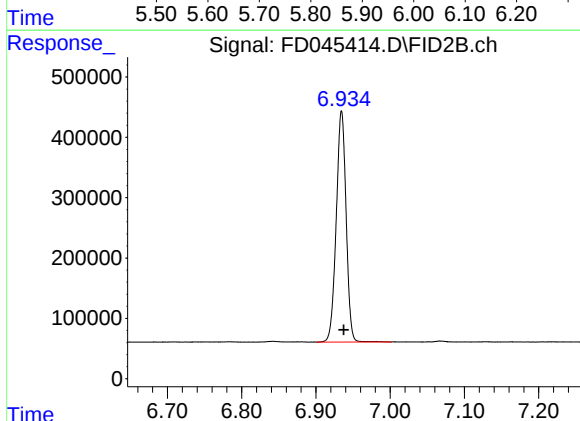
R.T.: 4.353 min
Delta R.T.: -0.005 min
Response: 3487240
Conc: 22.39 ug/ml

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20 PPM AROMATIC HC STD



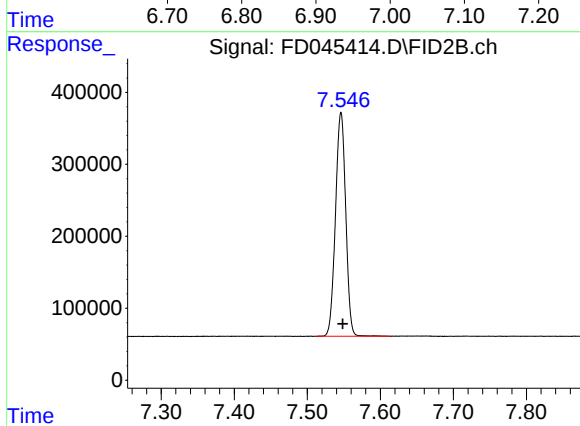
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.004 min
Response: 3576070
Conc: 22.25 ug/ml



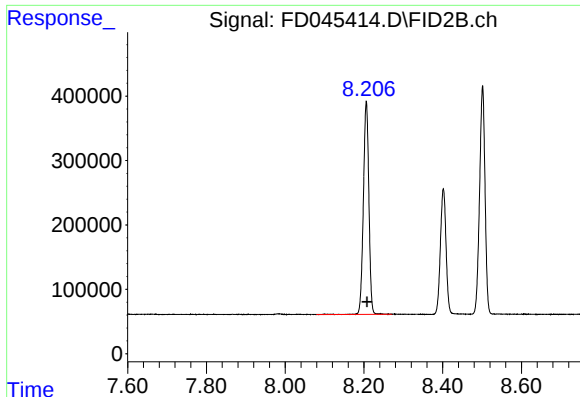
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: -0.003 min
Response: 3535244
Conc: 22.08 ug/ml



#4 2-Bromonaphthalene (SURR)

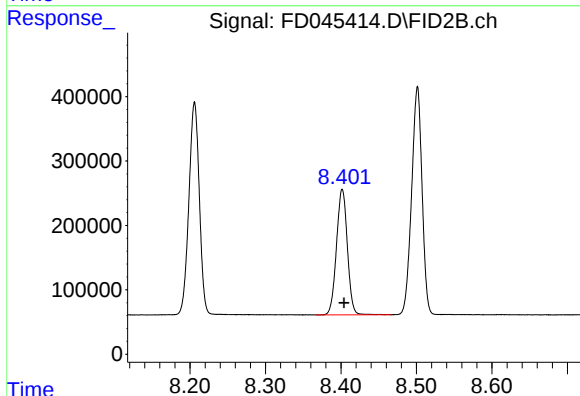
R.T.: 7.546 min
Delta R.T.: -0.003 min
Response: 3034197
Conc: 22.15 ug/ml



#5 Acenaphthylene (C15.06)

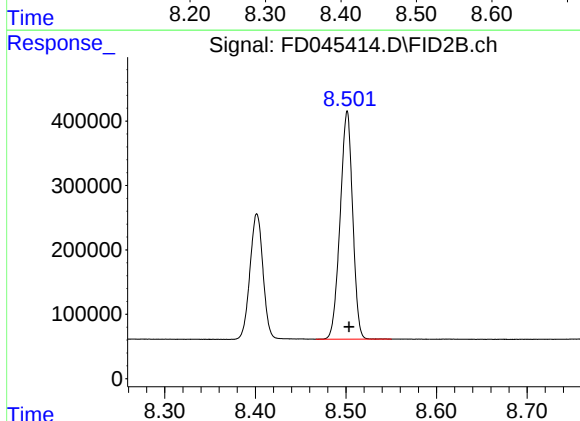
R.T.: 8.206 min
Delta R.T.: -0.002 min
Response: 3183810
Conc: 21.75 ug/ml

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20 PPM AROMATIC HC STD



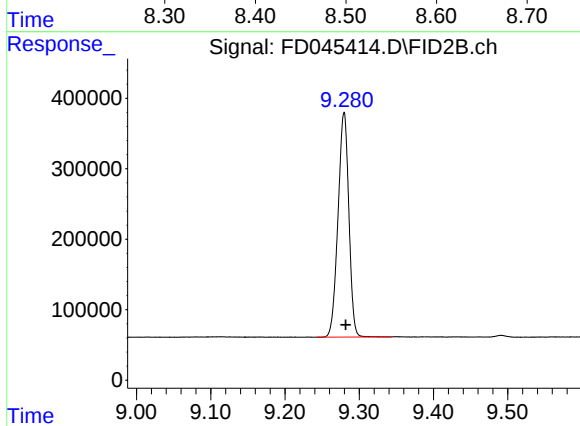
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: -0.002 min
Response: 1953433
Conc: 21.79 ug/ml



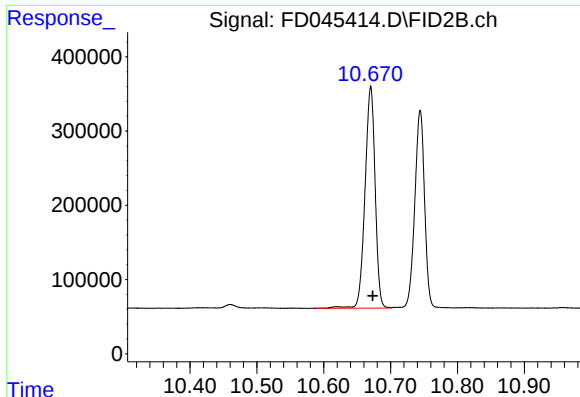
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: -0.002 min
Response: 3404998
Conc: 21.95 ug/ml



#8 Flouorene (C16.55)

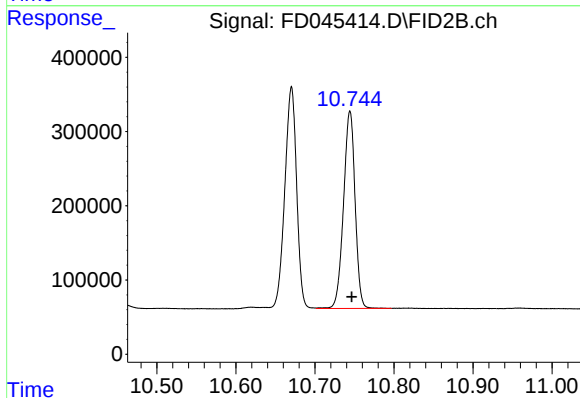
R.T.: 9.279 min
Delta R.T.: -0.002 min
Response: 3228220
Conc: 21.77 ug/ml



#9 Phenanthrene (C19.36)

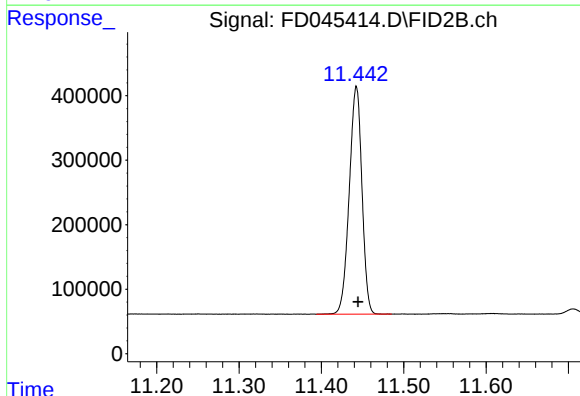
R.T.: 10.670 min
Delta R.T.: -0.003 min
Response: 3142237
Conc: 21.69 ug/ml

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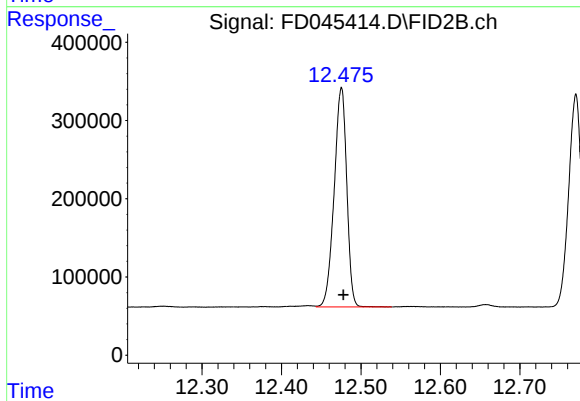
#10 Anthracene (C19.43)

R.T.: 10.744 min
Delta R.T.: -0.002 min
Response: 2705117
Conc: 19.57 ug/ml



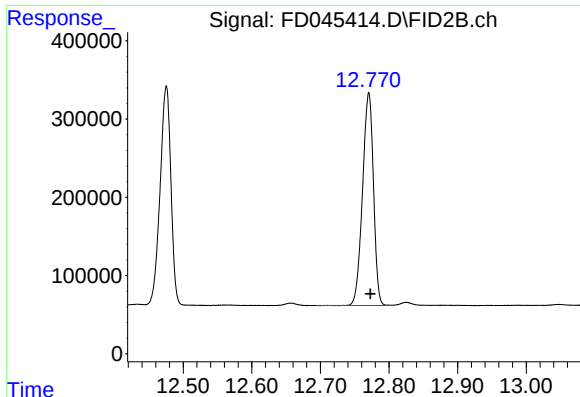
#11 ortho-Terphenyl (SURR)

R.T.: 11.442 min
Delta R.T.: -0.002 min
Response: 3776632
Conc: 21.71 ug/ml



#12 Fluoranthene (C21.85)

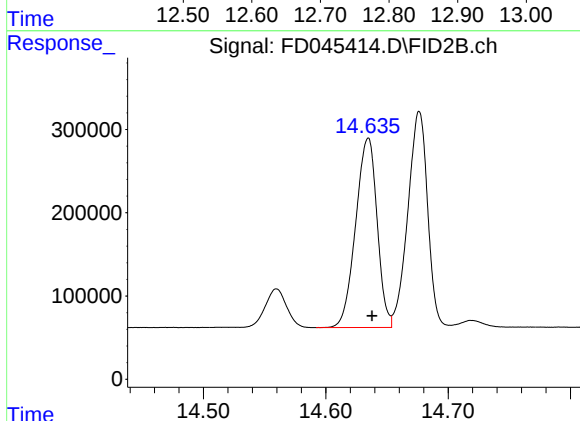
R.T.: 12.475 min
Delta R.T.: -0.003 min
Response: 3086409
Conc: 21.45 ug/ml



#13 Pyrene (C20.8)

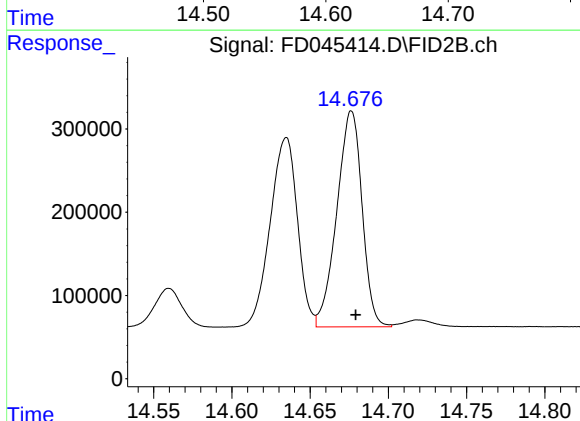
R.T.: 12.770 min
Delta R.T.: -0.003 min
Response: 3009609
Conc: 21.41 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



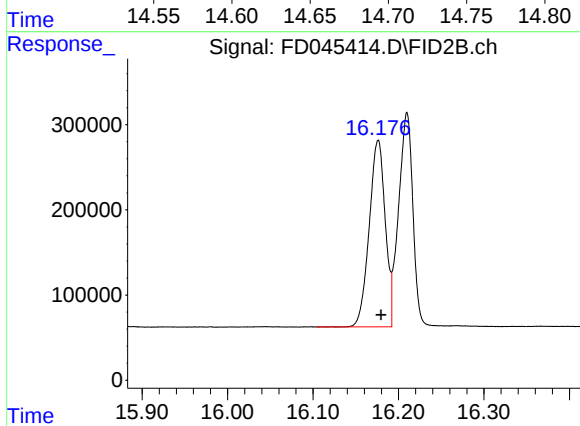
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.634 min
Delta R.T.: -0.004 min
Response: 2772325
Conc: 21.62 ug/ml



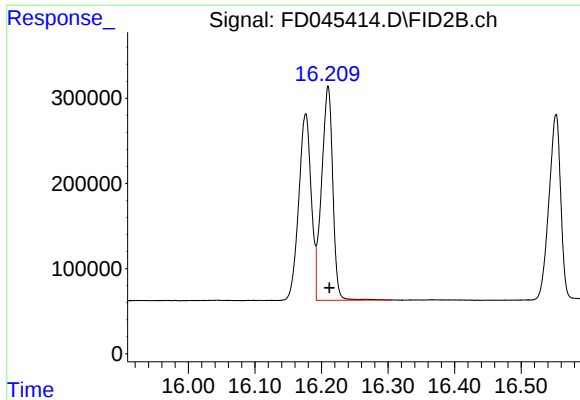
#15 Chrysene (C27.41)

R.T.: 14.676 min
Delta R.T.: -0.003 min
Response: 2917513
Conc: 22.00 ug/ml



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

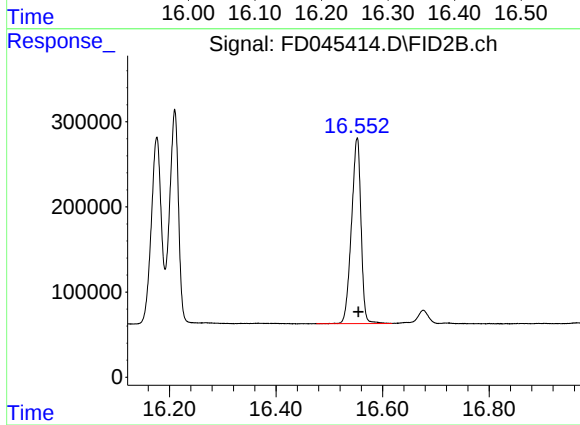
R.T.: 16.176 min
Delta R.T.: -0.004 min
Response: 2846755
Conc: 21.91 ug/ml



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

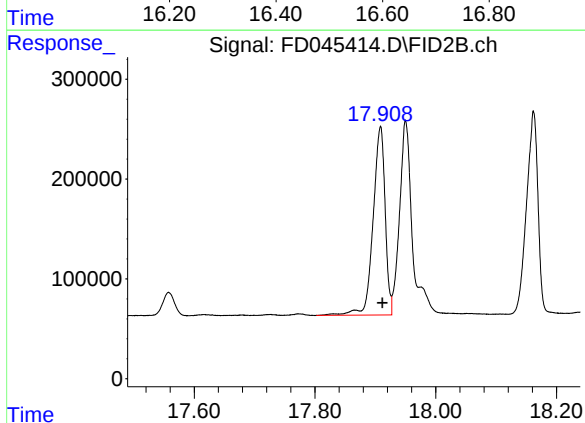
R.T.: 16.210 min
Delta R.T.: -0.002 min
Response: 2940859
Conc: 23.22 ug/ml

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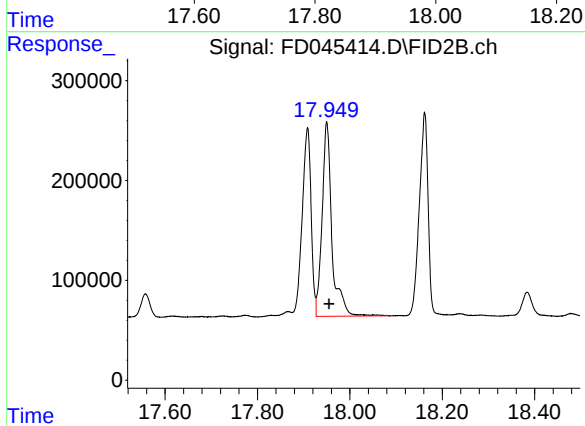
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.552 min
Delta R.T.: -0.003 min
Response: 2710704
Conc: 21.56 ug/ml



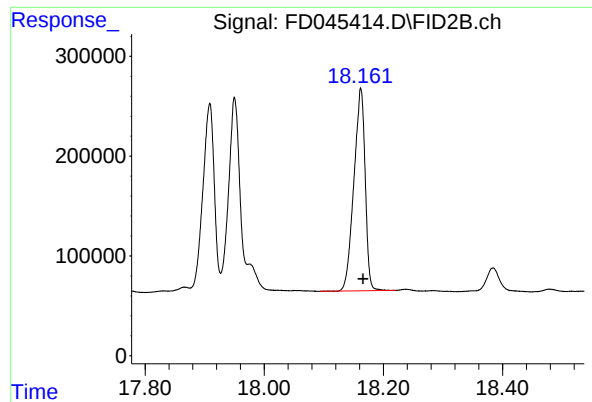
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.908 min
Delta R.T.: -0.004 min
Response: 2623233
Conc: 22.16 ug/ml



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

R.T.: 17.950 min
Delta R.T.: -0.005 min
Response: 2887802
Conc: 24.24 ug/ml



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

R.T.: 18.162 min
Delta R.T.: -0.004 min
Response: 2664653
Conc: 21.33 ug/ml

Instrument :

FID_D

ClientSampleId :

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