

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090624AR\
 Data File : FD048283.D
 Signal(s) : FID2B.ch
 Acq On : 06 Sep 2024 11:32
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2024
 Supervised By :Ankita Jodhani 09/09/2024

Integration File: autoint1.e
 Quant Time: Sep 06 12:05:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 2024
 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...	7.394	2948973	19.444 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
6) S 2-Fluorobiphenyl (SURR)	8.245	1873322	19.606 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.21%
11) S ortho-Terphenyl (SURR)	11.280	3312038	19.304 ug/ml
Spiked Amount 50.000		Recovery =	38.61%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.214	3347073	18.973 ug/ml
2) T Naphthalene (C11.7)	5.734	3476244	19.223 ug/ml
3) T 2-Methylnaphthalene (...)	6.781	3463769	19.361 ug/ml
5) T Acenaphthylene (C15.06)	8.047	3379188	19.341 ug/ml
7) T Acenaphthene (C15.5)	8.341	3428384	19.276 ug/ml
8) T Flouorene (C16.55)	9.120	3240561	19.352 ug/ml
9) T Phenanthrene (C19.36)	10.507	3104983	19.232 ug/ml
10) T Anthracene (C19.43)	10.582	3038526	19.095 ug/ml
12) T Fluoranthene (C21.85)	12.310	3131576	19.317 ug/ml
13) T Pyrene (C20.8)	12.604	3086017	19.247 ug/ml
14) T Benzo[a]anthracene (C...	14.472	2769113	19.768 ug/ml
15) T Chrysene (C27.41)	14.513	3118233	18.931 ug/ml
16) T benzo[b]fluoranthene ...	16.018	2947909	19.841 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.048	2845488	18.475 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.393	2883681	19.491 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.756	2081112	18.418 ug/ml
20) T Dibenz[a,h]anthracene...	17.798	2879324	18.867 ug/ml
21) T Benzo[g,h,i]perylene ...	18.005	2781536	18.870 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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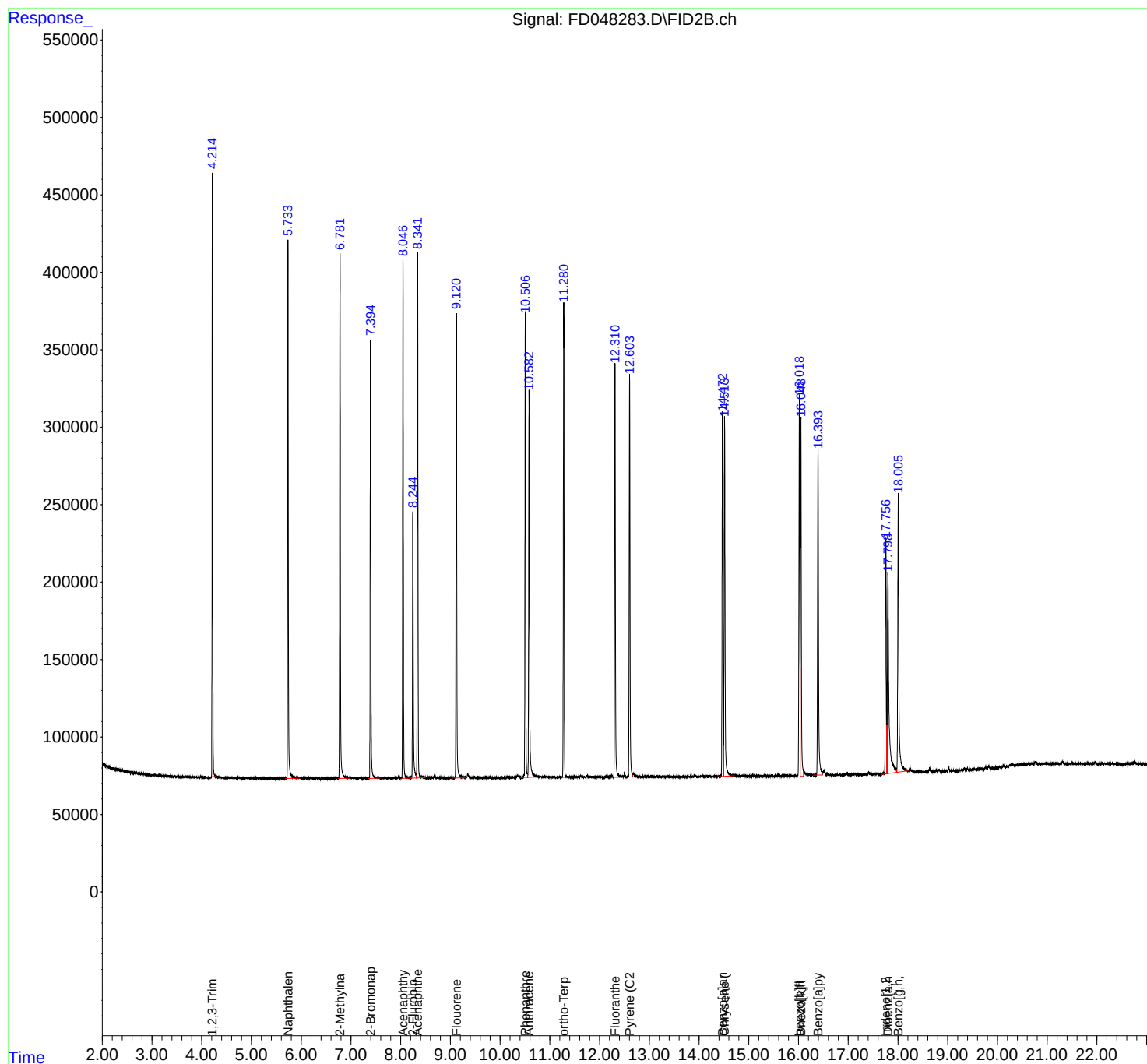
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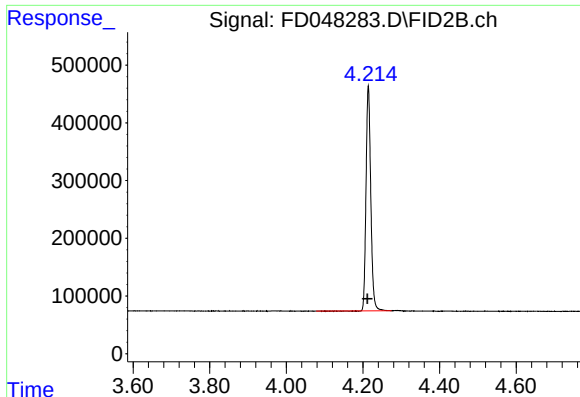
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.214 min
Delta R.T.: 0.002 min
Response: 3347073
Conc: 18.97 ug/ml

Instrument :

FID_D

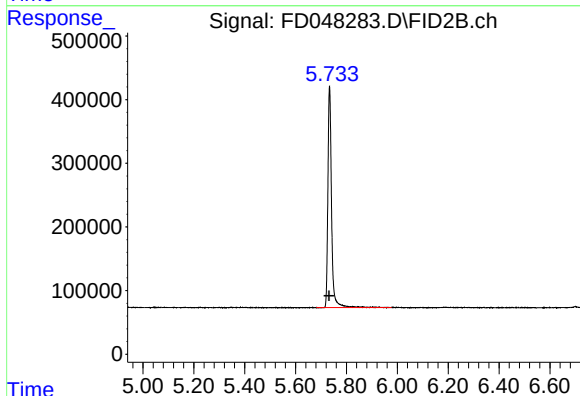
ClientSampleId :

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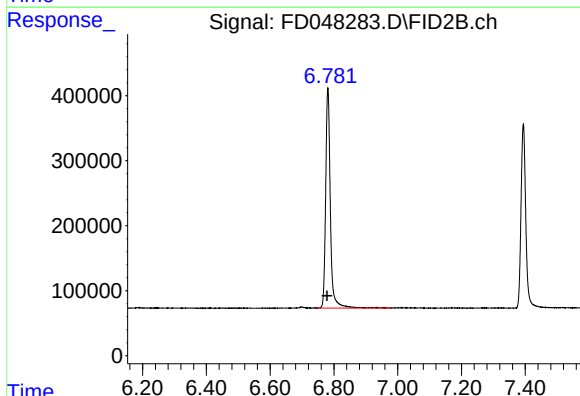
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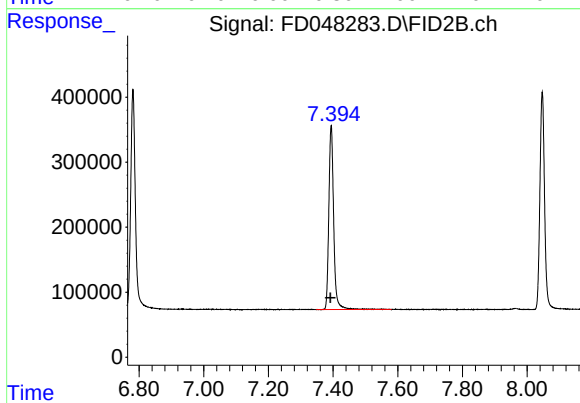
#2 Naphthalene (C11.7)

R.T.: 5.734 min
Delta R.T.: 0.002 min
Response: 3476244
Conc: 19.22 ug/ml



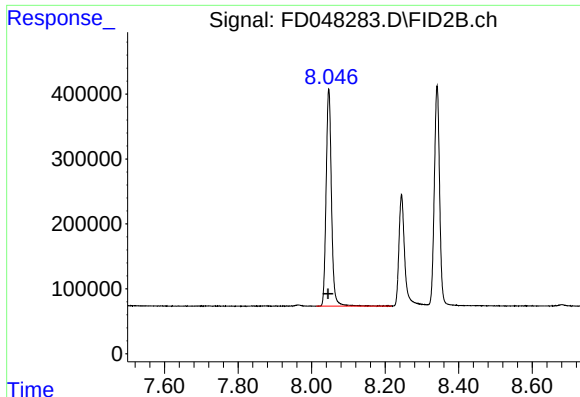
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 3463769
Conc: 19.36 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.394 min
Delta R.T.: 0.003 min
Response: 2948973
Conc: 19.44 ug/ml



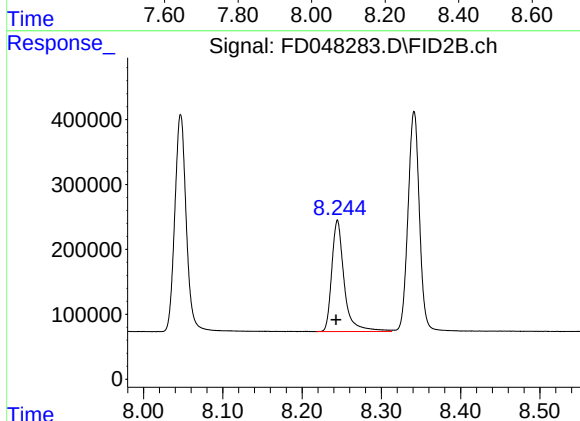
#5 Acenaphthylene (C15.06)

R.T.: 8.047 min
Delta R.T.: 0.002 min
Response: 3379188
Conc: 19.34 ug/ml

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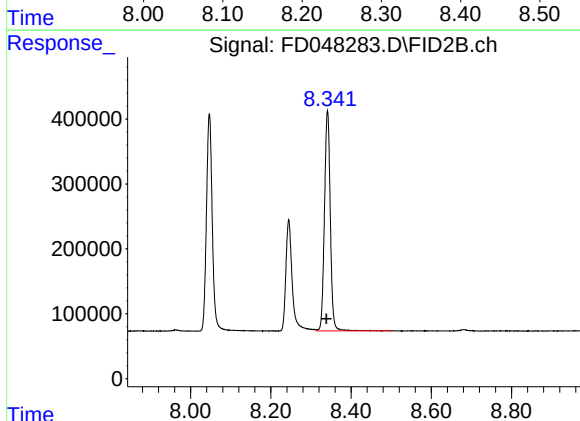
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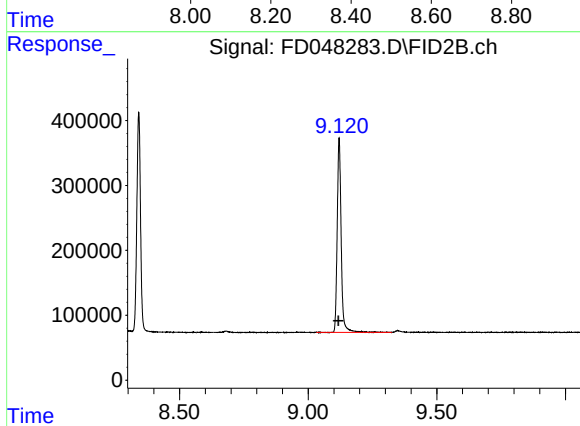
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.245 min
Delta R.T.: 0.002 min
Response: 1873322
Conc: 19.61 ug/ml



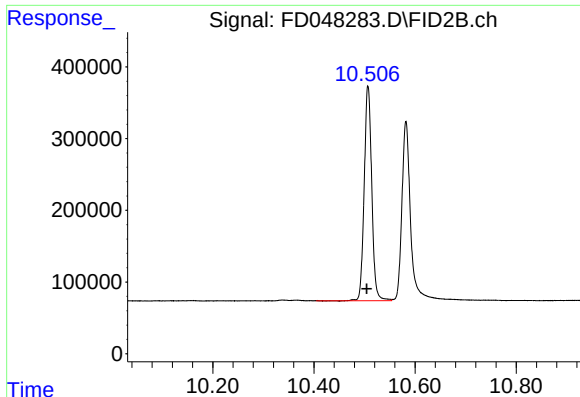
#7 Acenaphthene (C15.5)

R.T.: 8.341 min
Delta R.T.: 0.002 min
Response: 3428384
Conc: 19.28 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.120 min
Delta R.T.: 0.003 min
Response: 3240561
Conc: 19.35 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.507 min
Delta R.T.: 0.003 min
Response: 3104983
Conc: 19.23 ug/ml

Instrument :

FID_D

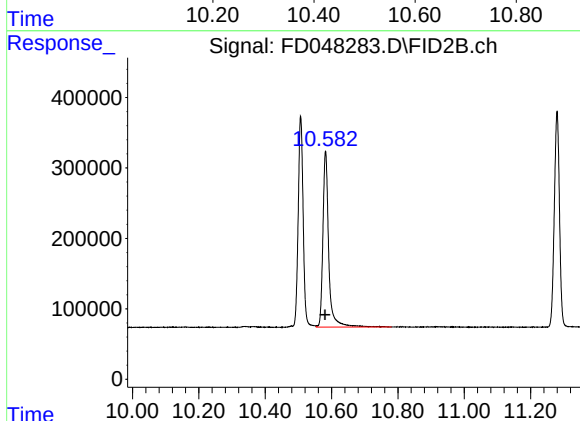
ClientSampleId :

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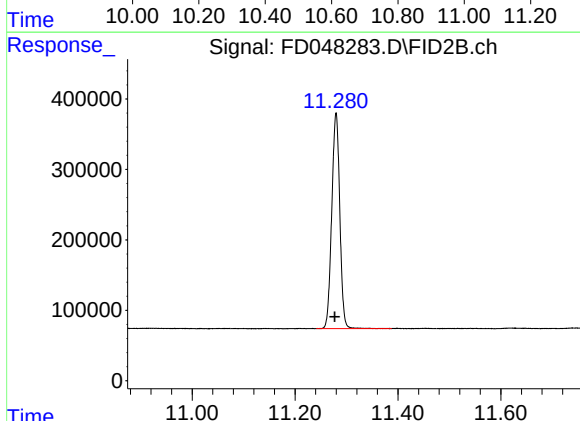
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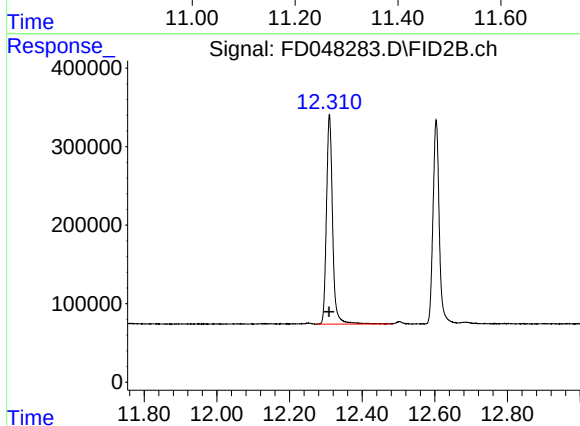
#10 Anthracene (C19.43)

R.T.: 10.582 min
Delta R.T.: 0.002 min
Response: 3038526
Conc: 19.09 ug/ml



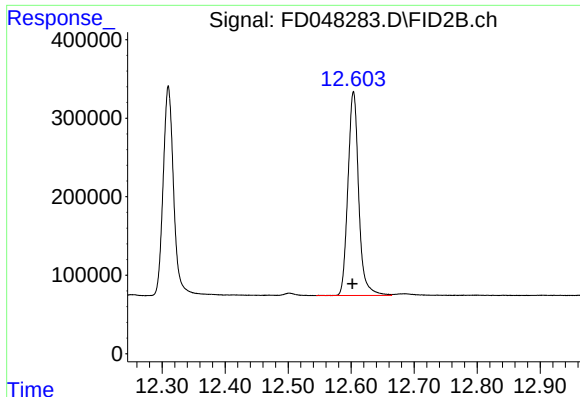
#11 ortho-Terphenyl (SURR)

R.T.: 11.280 min
Delta R.T.: 0.002 min
Response: 3312038
Conc: 19.30 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.310 min
Delta R.T.: 0.001 min
Response: 3131576
Conc: 19.32 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.604 min
Delta R.T.: 0.002 min
Response: 3086017
Conc: 19.25 ug/ml

Instrument :

FID_D

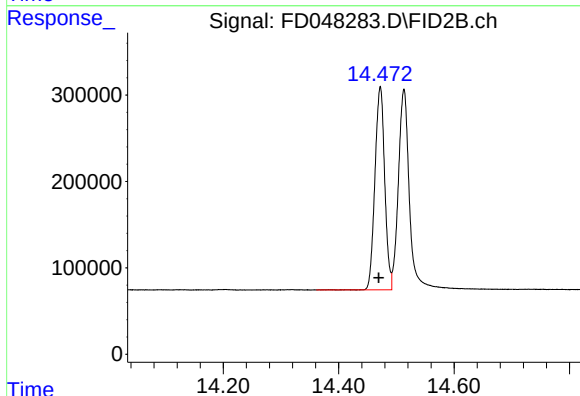
ClientSampleId :

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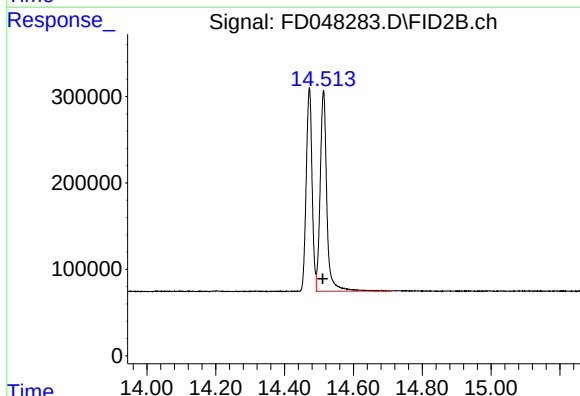
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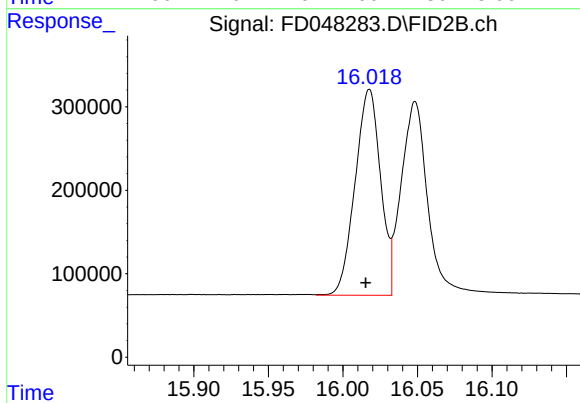
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.472 min
Delta R.T.: 0.002 min
Response: 2769113
Conc: 19.77 ug/ml



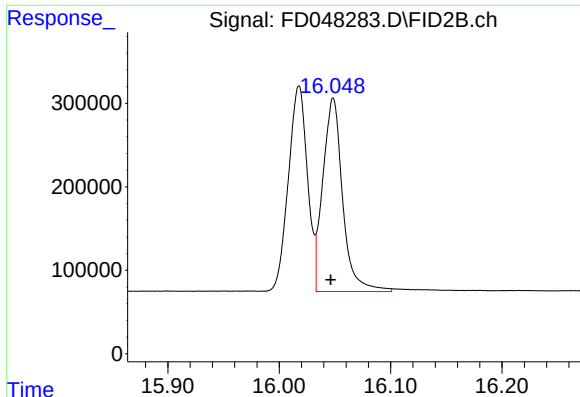
#15 Chrysene (C27.41)

R.T.: 14.513 min
Delta R.T.: 0.002 min
Response: 3118233
Conc: 18.93 ug/ml



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

R.T.: 16.018 min
Delta R.T.: 0.002 min
Response: 2947909
Conc: 19.84 ug/ml m



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

R.T.: 16.048 min
Delta R.T.: 0.002 min
Response: 2845488
Conc: 18.48 ug/ml

Instrument :

FID_D

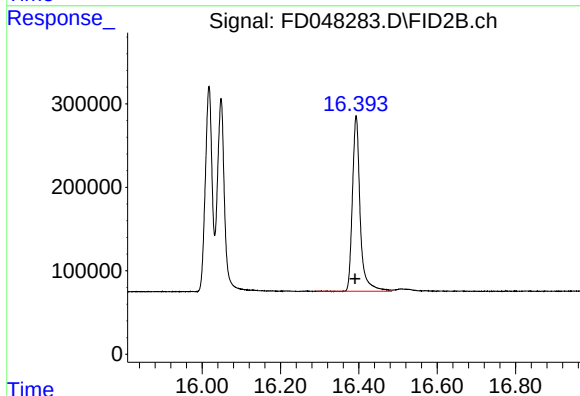
ClientSampleId :

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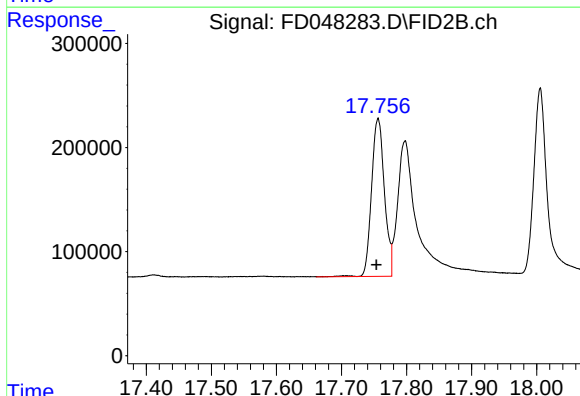
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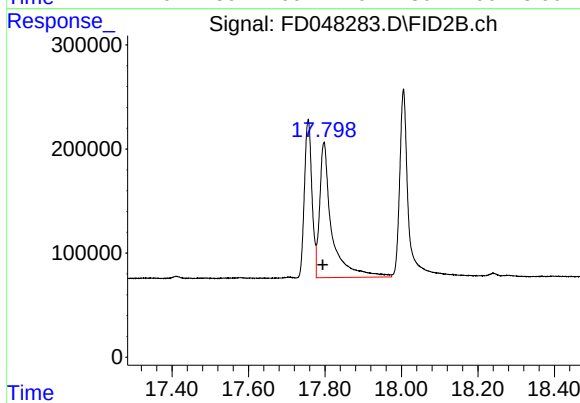
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.393 min
Delta R.T.: 0.002 min
Response: 2883681
Conc: 19.49 ug/ml



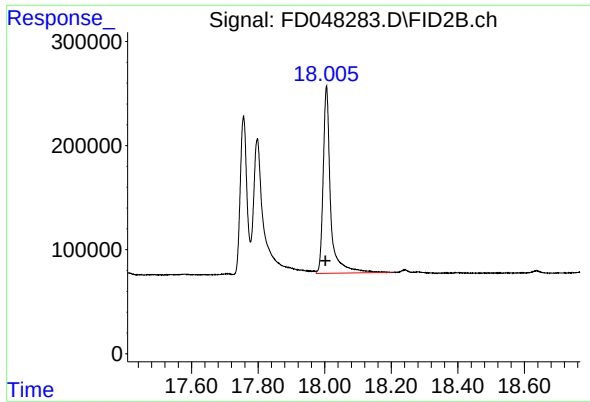
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.756 min
Delta R.T.: 0.003 min
Response: 2081112
Conc: 18.42 ug/ml



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

R.T.: 17.798 min
Delta R.T.: 0.003 min
Response: 2879324
Conc: 18.87 ug/ml



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

R.T.: 18.005 min
Delta R.T.: 0.002 min
Response: 2781536
Conc: 18.87 ug/ml

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