

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012425AR\
 Data File : FD048950.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jan 2025 11:46
 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

Integration File: autoint1.e
 Quant Time: Jan 25 03:39:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 03:38:15 2025
 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...	7.357	2887094	20.286 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
6) S 2-Fluorobiphenyl (SURR)	8.209	1813337	21.311 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.62%
11) S ortho-Terphenyl (SURR)	11.239	3311463	20.136 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.180	3137844	20.356 ug/ml
2) T Naphthalene (C11.7)	5.698	3187176	20.390 ug/ml
3) T 2-Methylnaphthalene (...)	6.744	3164394	20.398 ug/ml
5) T Acenaphthylene (C15.06)	8.009	3303580	20.200 ug/ml
7) T Acenaphthene (C15.5)	8.302	3339705	19.884 ug/ml
8) T Fluorene (C16.55)	9.082	3225268	20.618 ug/ml
9) T Phenanthrene (C19.36)	10.469	3110469	20.423 ug/ml
10) T Anthracene (C19.43)	10.546	3128088	20.536 ug/ml
12) T Fluoranthene (C21.85)	12.273	3227346	20.518 ug/ml
13) T Pyrene (C20.8)	12.565	3146895	19.976 ug/ml
14) T Benzo[a]anthracene (C...	14.435	2842185	22.087 ug/ml
15) T Chrysene (C27.41)	14.476	3307605	19.560 ug/ml
16) T benzo[b]fluoranthene ...	15.981	2946816	21.568 ug/ml
17) T Bnezo[k]fluoranthene ...	16.013	3210095	19.821 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.362	2755524	19.799 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.727	2116534	20.294 ug/ml
20) T Dibenz[a,h]anthracene...	17.768	3065764	21.476 ug/ml
21) T Benzo[g,h,i]perylene ...	17.973	2893272	20.284 ug/ml

(f)=RT Delta > 1/2 Window

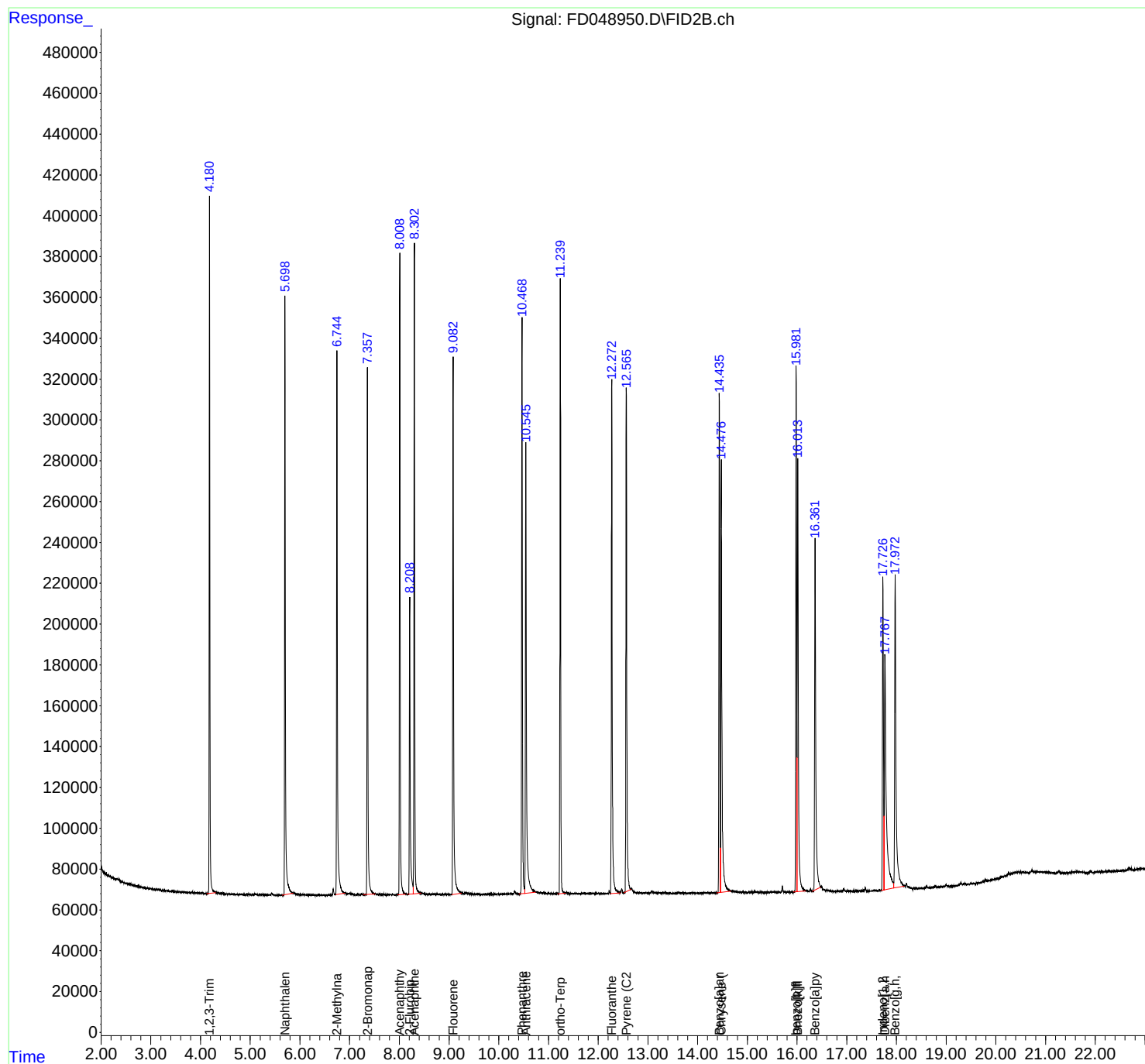
(m)=manual int.

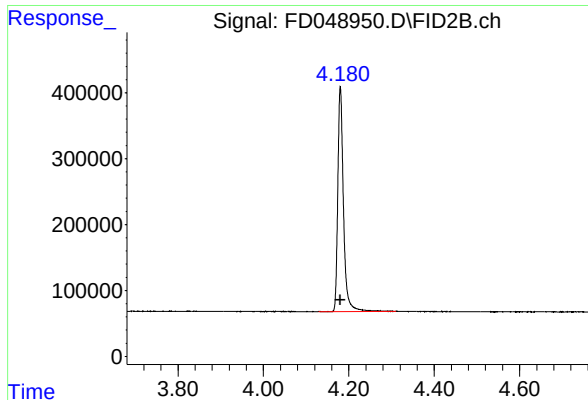
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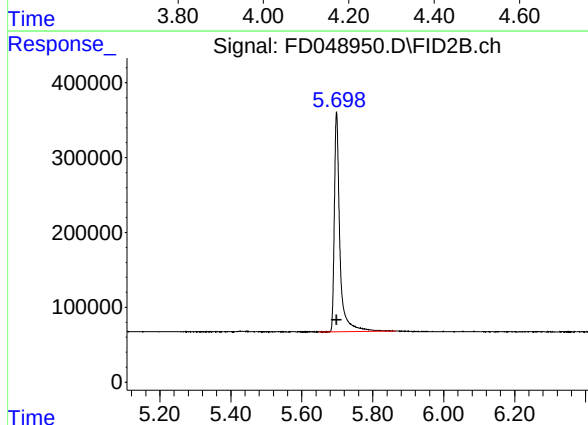




#1 1,2,3-Trimethylbenzene (C10.1)

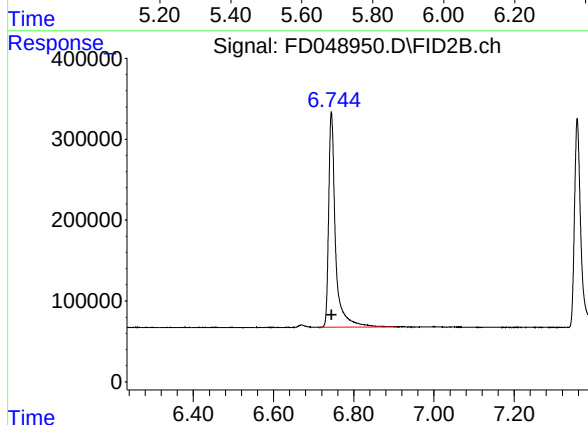
R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 3137844
Conc: 20.36 ug/ml

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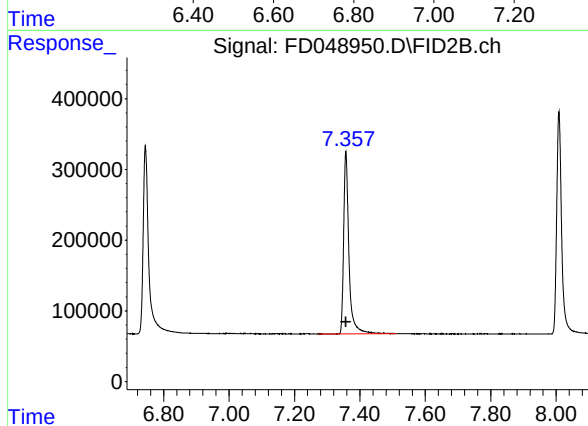
#2 Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 3187176
Conc: 20.39 ug/ml



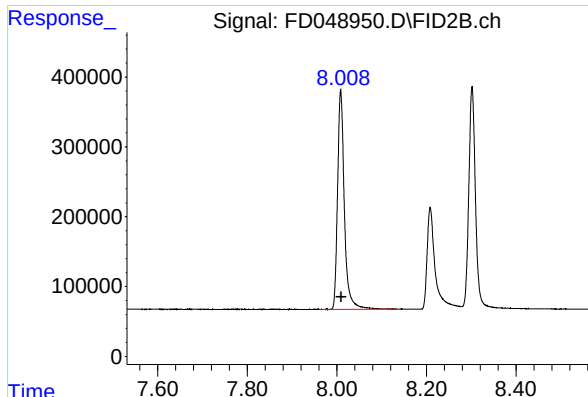
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 3164394
Conc: 20.40 ug/ml



#4 2-Bromonaphthalene (SURR)

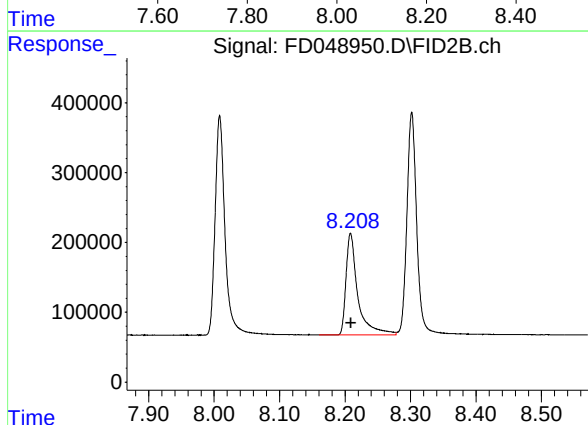
R.T.: 7.357 min
Delta R.T.: 0.000 min
Response: 2887094
Conc: 20.29 ug/ml



#5 Acenaphthylene (C15.06)

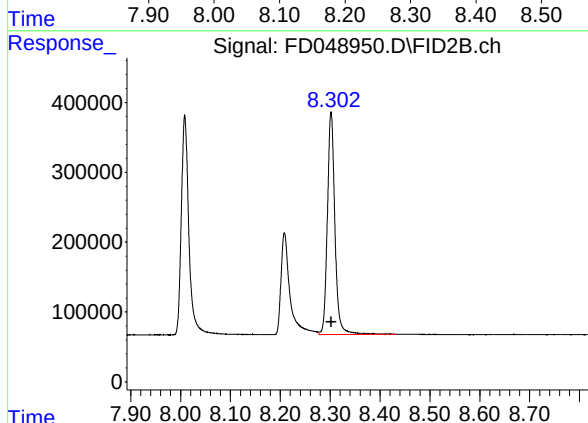
R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 3303580
Conc: 20.20 ug/ml

Instrument :
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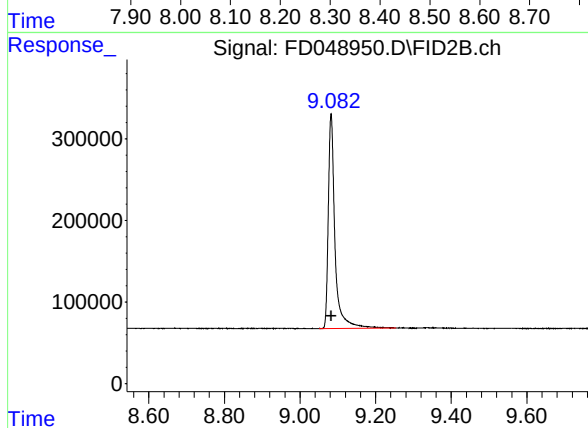
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.209 min
Delta R.T.: 0.000 min
Response: 1813337
Conc: 21.31 ug/ml



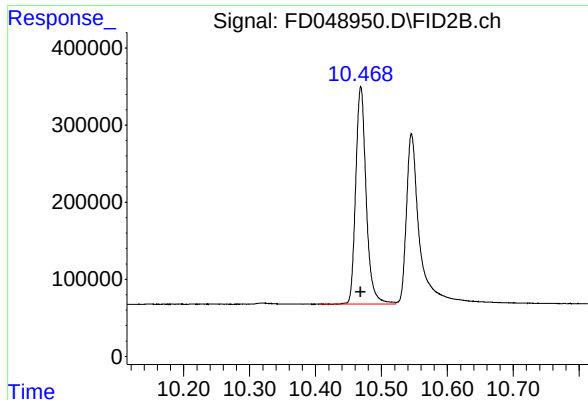
#7 Acenaphthene (C15.5)

R.T.: 8.302 min
Delta R.T.: 0.000 min
Response: 3339705
Conc: 19.88 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 3225268
Conc: 20.62 ug/ml



#9 Phenanthrene (C19.36)

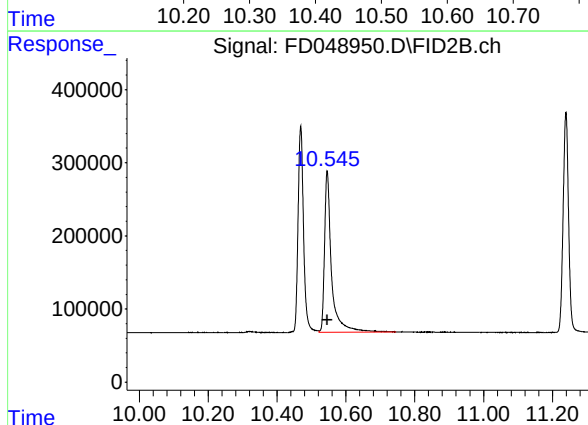
R.T.: 10.469 min
Delta R.T.: 0.000 min
Response: 3110469
Conc: 20.42 ug/ml

Instrument :

FID_D

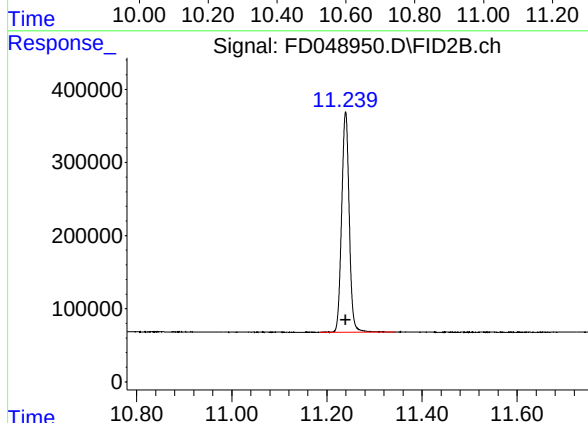
ClientSampleId :

20 PPM AROMATIC HC STD ICV



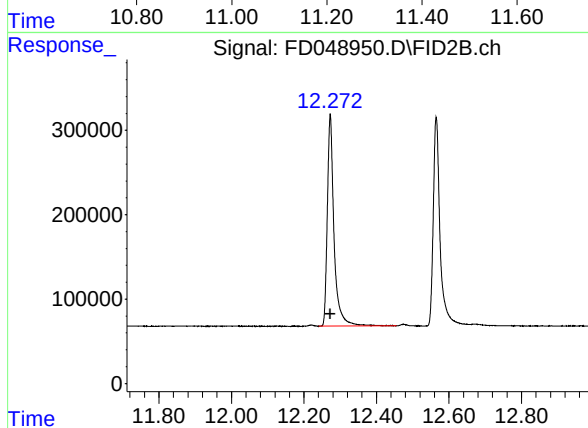
#10 Anthracene (C19.43)

R.T.: 10.546 min
Delta R.T.: 0.000 min
Response: 3128088
Conc: 20.54 ug/ml



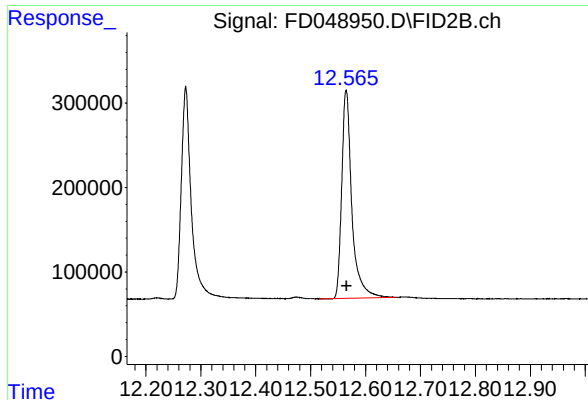
#11 ortho-Terphenyl (SURR)

R.T.: 11.239 min
Delta R.T.: 0.000 min
Response: 3311463
Conc: 20.14 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.273 min
Delta R.T.: 0.000 min
Response: 3227346
Conc: 20.52 ug/ml



#13 Pyrene (C20.8)

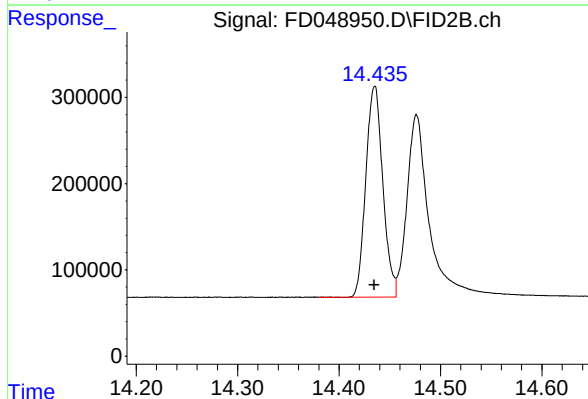
R.T.: 12.565 min
Delta R.T.: 0.000 min
Response: 3146895
Conc: 19.98 ug/ml

Instrument :

FID_D

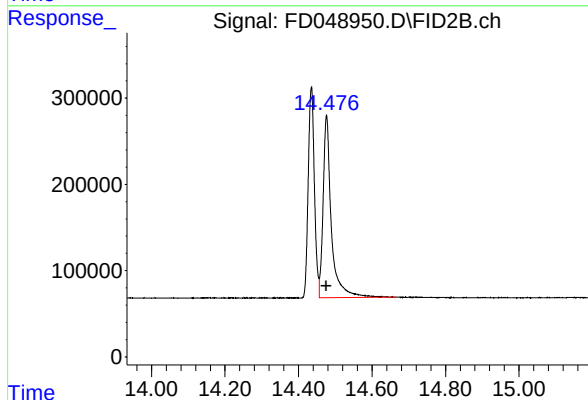
ClientSampleId :

20 PPM AROMATIC HC STD ICV



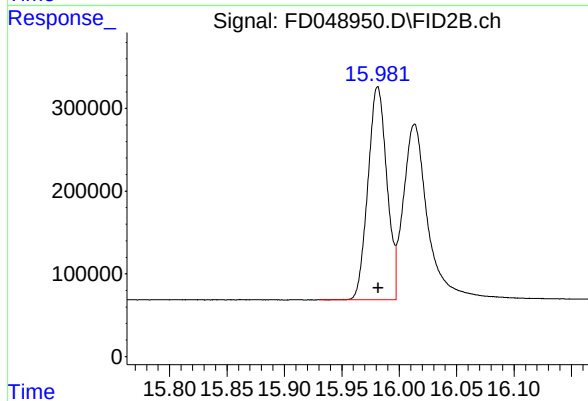
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.435 min
Delta R.T.: 0.000 min
Response: 2842185
Conc: 22.09 ug/ml



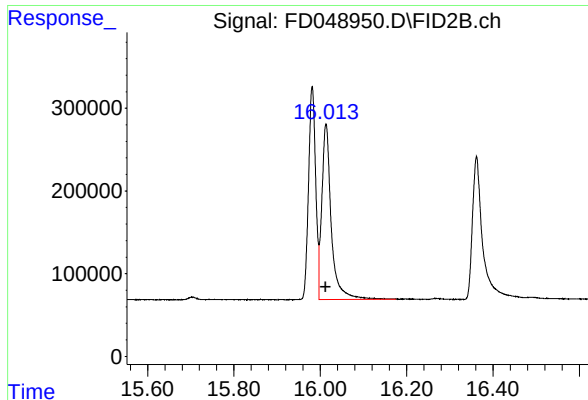
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: 0.000 min
Response: 3307605
Conc: 19.56 ug/ml



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

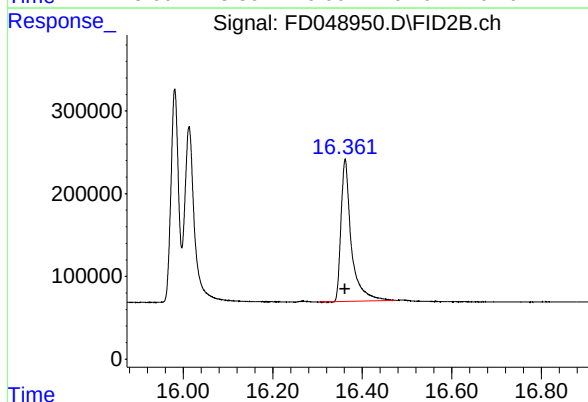
R.T.: 15.981 min
Delta R.T.: 0.000 min
Response: 2946816
Conc: 21.57 ug/ml



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

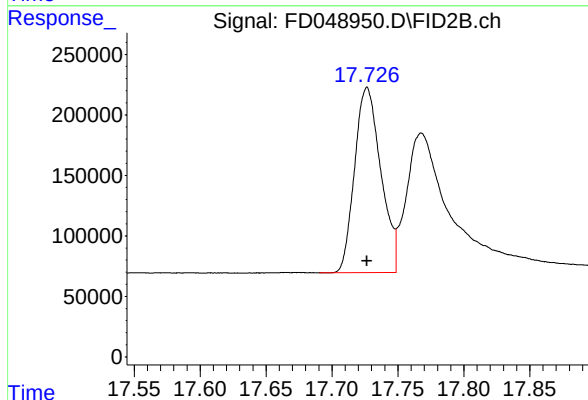
R.T.: 16.013 min
Delta R.T.: 0.000 min
Response: 3210095
Conc: 19.82 ug/ml

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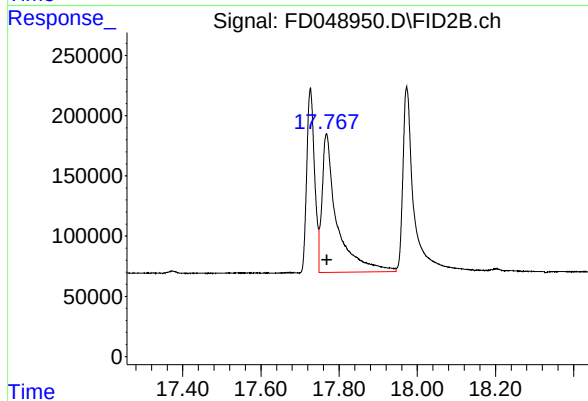
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.362 min
Delta R.T.: 0.000 min
Response: 2755524
Conc: 19.80 ug/ml



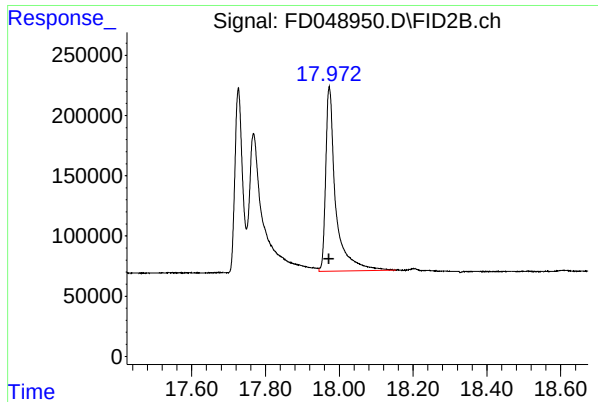
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.727 min
Delta R.T.: 0.000 min
Response: 2116534
Conc: 20.29 ug/ml



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

R.T.: 17.768 min
Delta R.T.: -0.001 min
Response: 3065764
Conc: 21.48 ug/ml



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

R.T.: 17.973 min
Delta R.T.: 0.000 min
Response: 2893272
Conc: 20.28 ug/ml

Instrument :

FID_D

ClientSampleId :

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