

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121224AR\
 Data File : FD048891.D
 Signal(s) : FID2B.ch
 Acq On : 12 Dec 2024 19:17
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :Ankita Jodhani 12/13/2024

Integration File: autoint1.e
 Quant Time: Dec 13 01:29:43 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 06:07:50 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...	7.359	2888952	17.152 ug/ml
Spiked Amount 50.000		Recovery =	34.30%
6) S 2-Fluorobiphenyl (SURR)	8.210	1839130	17.802 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.60%
11) S ortho-Terphenyl (SURR)	11.243	3175976	17.877 ug/ml
Spiked Amount 50.000		Recovery =	35.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.184	3342590	17.654 ug/ml
2) T Naphthalene (C11.7)	5.700	3424649	17.922 ug/ml
3) T 2-Methylnaphthalene (...)	6.747	3429162	18.558 ug/ml
5) T Acenaphthylene (C15.06)	8.011	3312832	17.751 ug/mlm
7) T Acenaphthene (C15.5)	8.306	3343212	17.951 ug/ml
8) T Flouorene (C16.55)	9.085	3176880	17.779 ug/ml
9) T Phenanthrene (C19.36)	10.471	3018998	18.075 ug/ml
10) T Anthracene (C19.43)	10.547	2920514	17.208 ug/ml
12) T Fluoranthene (C21.85)	12.275	2889172	17.651 ug/ml
13) T Pyrene (C20.8)	12.568	2828007	17.388 ug/ml
14) T Benzo[a]anthracene (C...	14.438	2433624	18.421 ug/ml
15) T Chrysene (C27.41)	14.479	2731877	16.922 ug/ml
16) T benzo[b]fluoranthene ...	15.984	2530521	18.796 ug/ml
17) T Bnezo[k]fluoranthene ...	16.016	2520062	16.545 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.361	2557525	18.491 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.726	2077953	19.499 ug/ml
20) T Dibenz[a,h]anthracene...	17.765	2699701	18.615 ug/ml
21) T Benzo[g,h,i]perylene ...	17.976	2575636	18.370 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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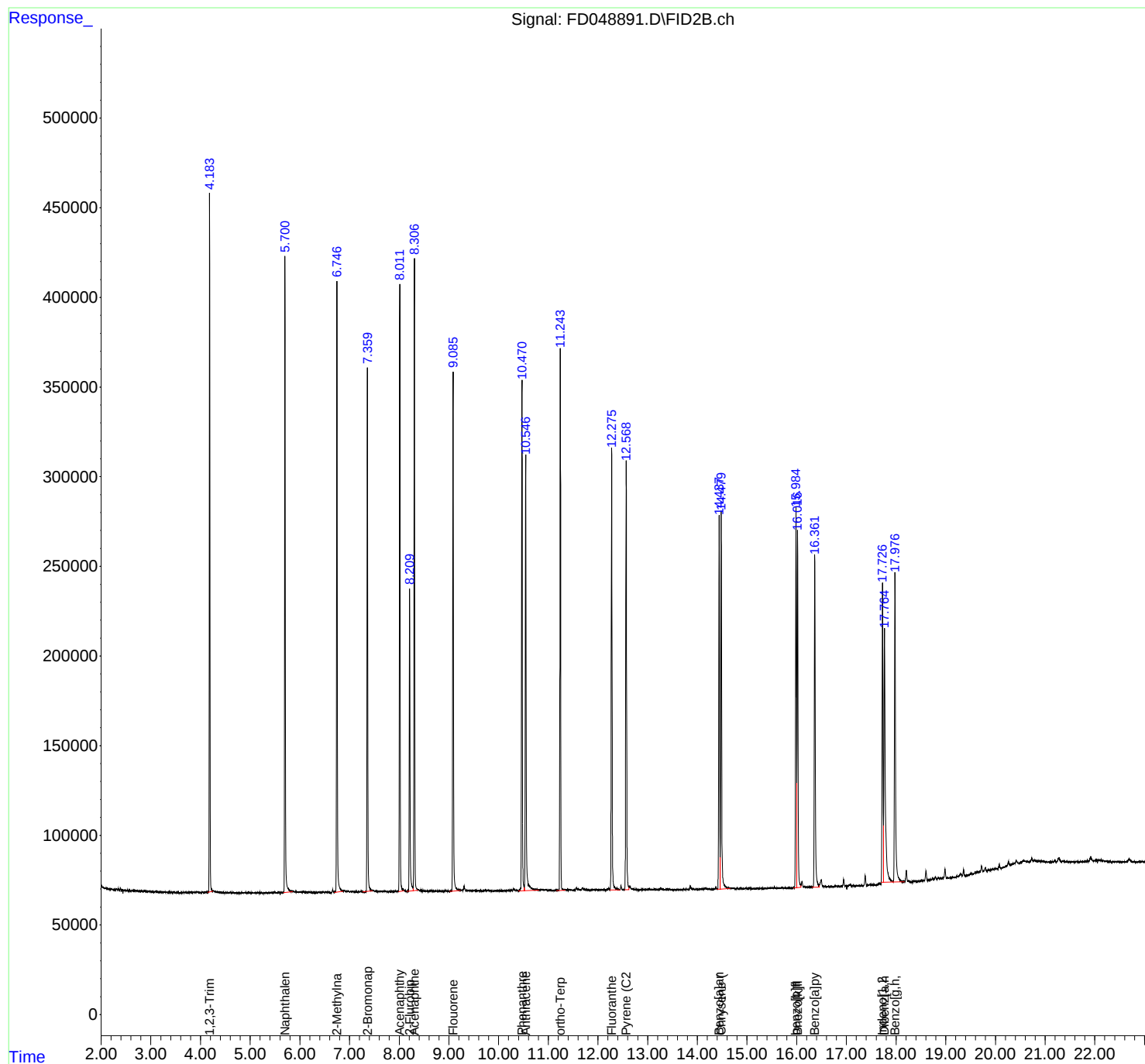
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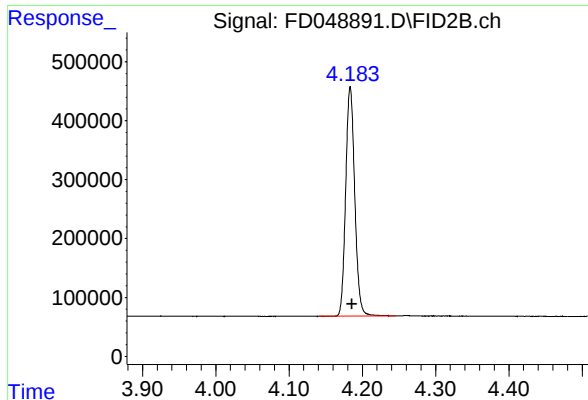
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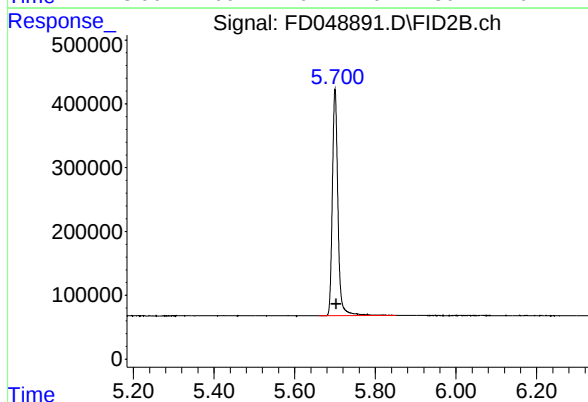
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.184 min
Delta R.T.: -0.002 min
Response: 3342590
Conc: 17.65 ug/ml

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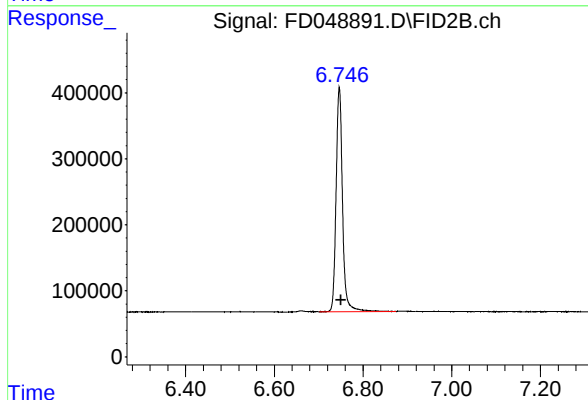
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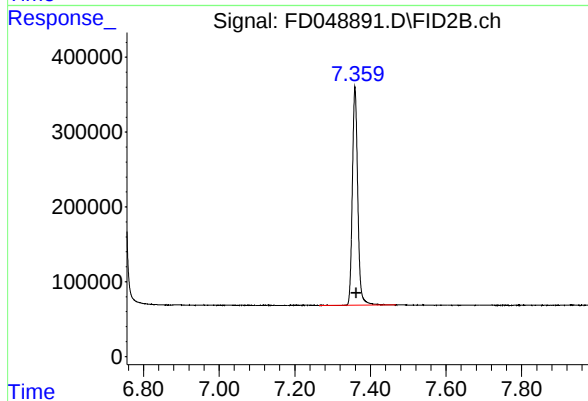
#2 Naphthalene (C11.7)

R.T.: 5.700 min
Delta R.T.: -0.003 min
Response: 3424649
Conc: 17.92 ug/ml



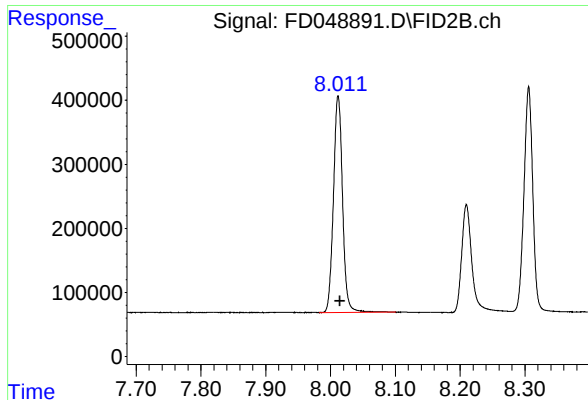
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.747 min
Delta R.T.: -0.003 min
Response: 3429162
Conc: 18.56 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.359 min
Delta R.T.: -0.003 min
Response: 2888952
Conc: 17.15 ug/ml



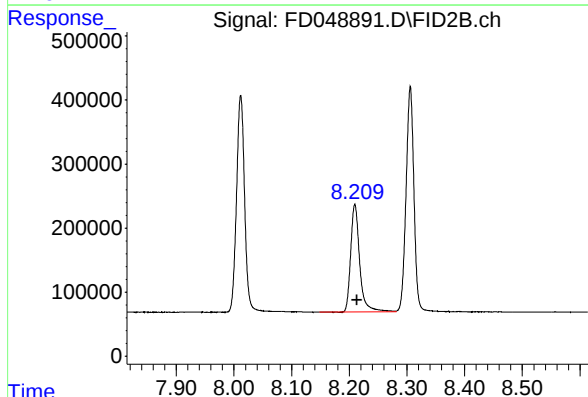
#5 Acenaphthylene (C15.06)

R.T.: 8.011 min
Delta R.T.: -0.003 min
Response: 3312832
Conc: 17.75 ug/ml

Instrument :
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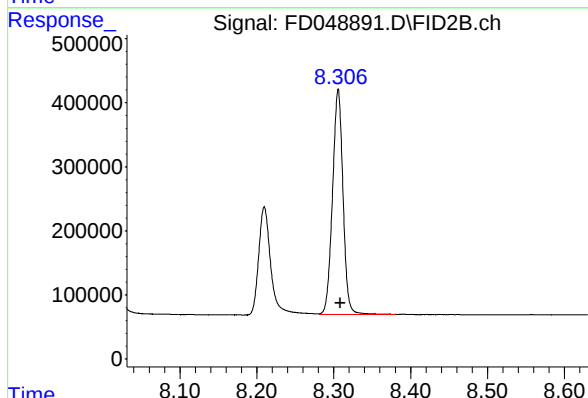
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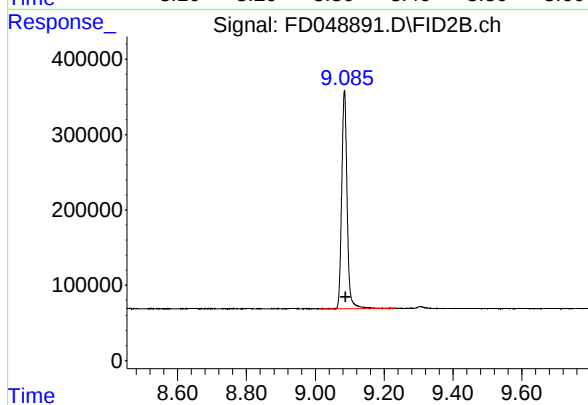
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.210 min
Delta R.T.: -0.003 min
Response: 1839130
Conc: 17.80 ug/ml



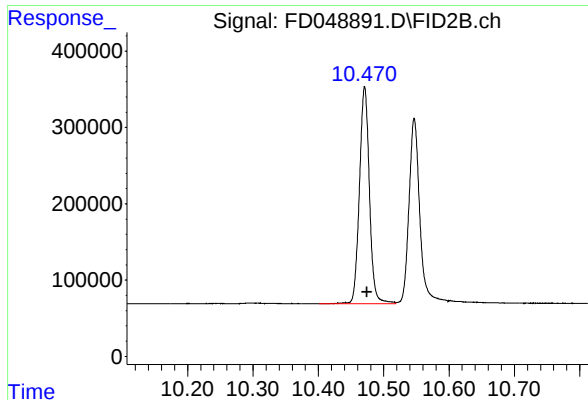
#7 Acenaphthene (C15.5)

R.T.: 8.306 min
Delta R.T.: -0.003 min
Response: 3343212
Conc: 17.95 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.085 min
Delta R.T.: -0.003 min
Response: 3176880
Conc: 17.78 ug/ml



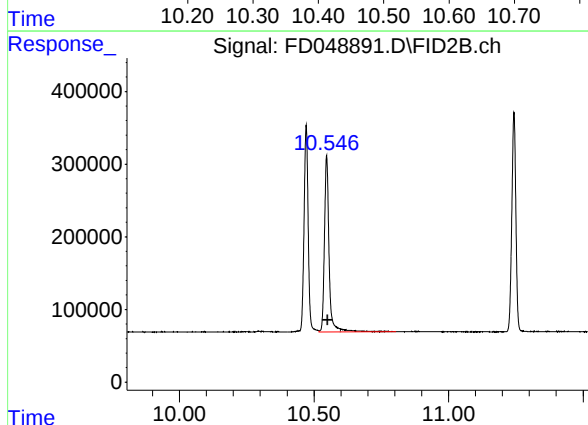
#9 Phenanthrene (C19.36)

R.T.: 10.471 min
Delta R.T.: -0.004 min
Response: 3018998
Conc: 18.08 ug/ml

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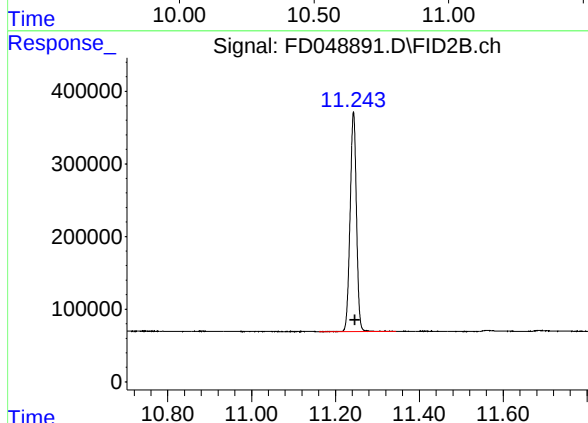
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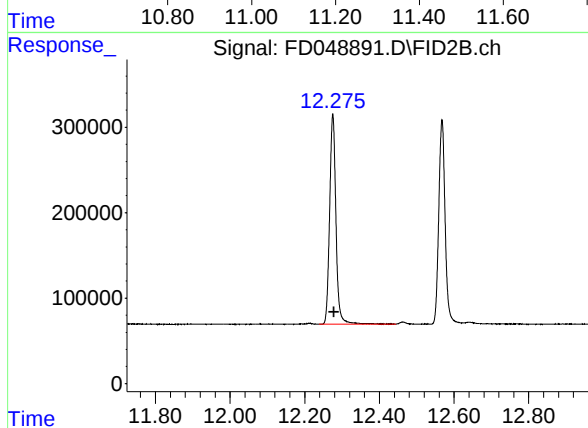
#10 Anthracene (C19.43)

R.T.: 10.547 min
Delta R.T.: -0.004 min
Response: 2920514
Conc: 17.21 ug/ml



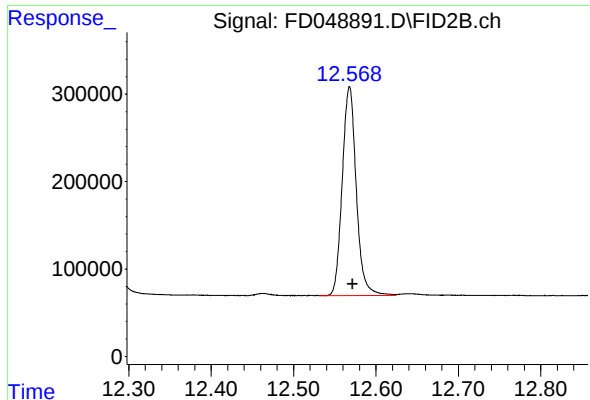
#11 ortho-Terphenyl (SURR)

R.T.: 11.243 min
Delta R.T.: -0.004 min
Response: 3175976
Conc: 17.88 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.275 min
Delta R.T.: -0.003 min
Response: 2889172
Conc: 17.65 ug/ml



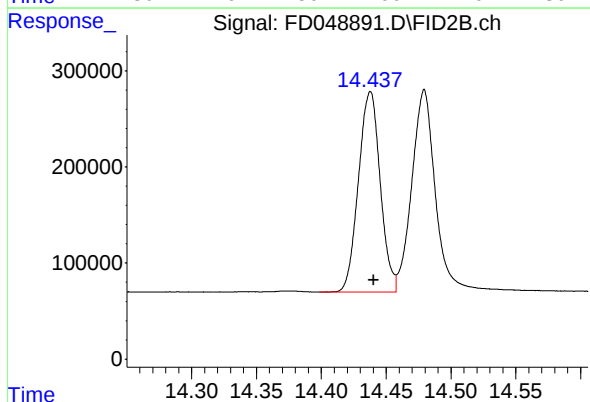
#13 Pyrene (C20.8)

R.T.: 12.568 min
Delta R.T.: -0.004 min
Response: 2828007
Conc: 17.39 ug/ml

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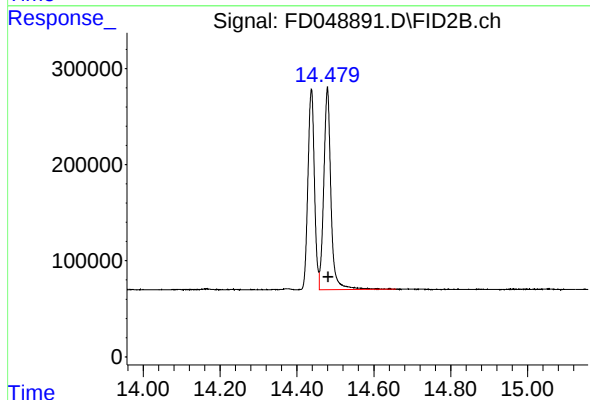
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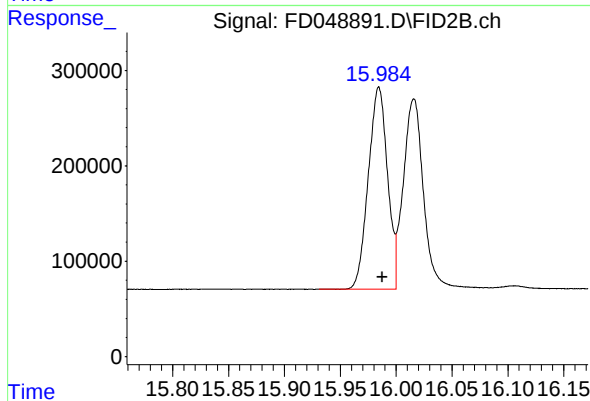
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.438 min
Delta R.T.: -0.003 min
Response: 2433624
Conc: 18.42 ug/ml



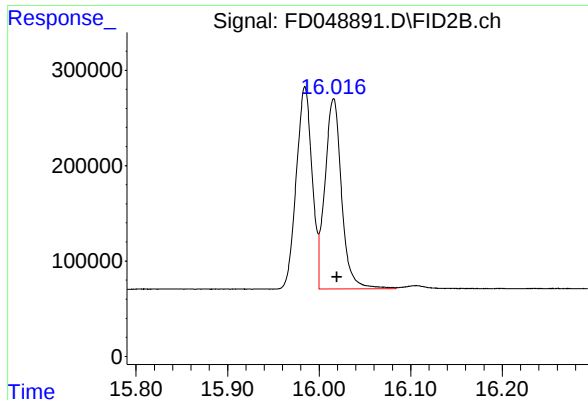
#15 Chrysene (C27.41)

R.T.: 14.479 min
Delta R.T.: -0.003 min
Response: 2731877
Conc: 16.92 ug/ml



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

R.T.: 15.984 min
Delta R.T.: -0.003 min
Response: 2530521
Conc: 18.80 ug/ml



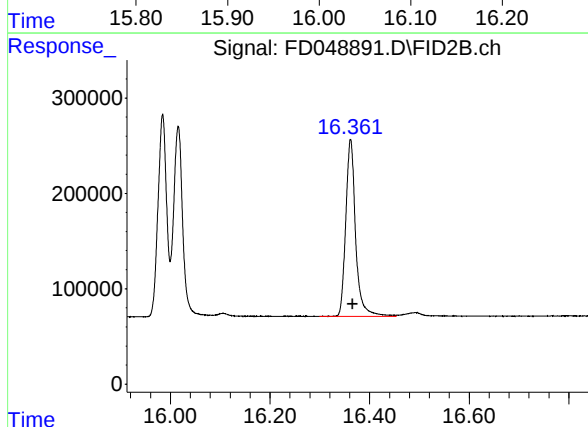
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.016 min
Delta R.T.: -0.004 min
Response: 2520062
Conc: 16.54 ug/ml

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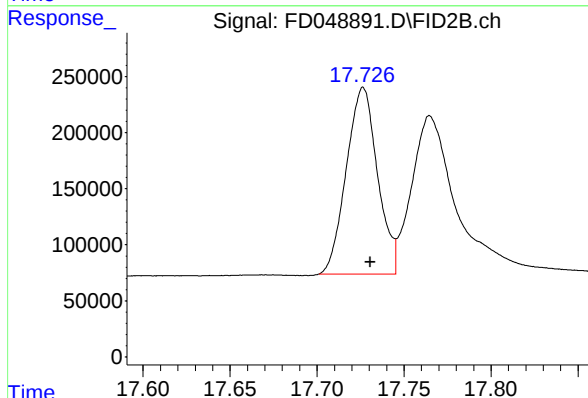
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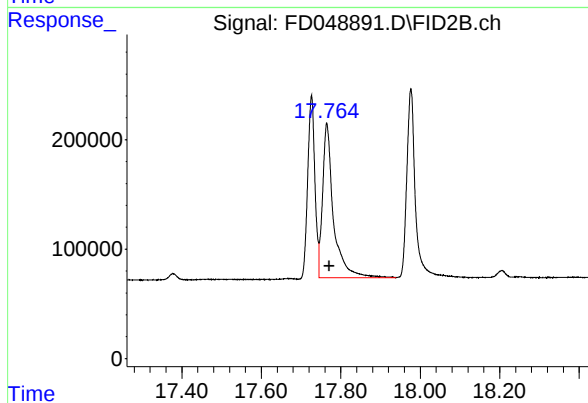
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.361 min
Delta R.T.: -0.005 min
Response: 2557525
Conc: 18.49 ug/ml m



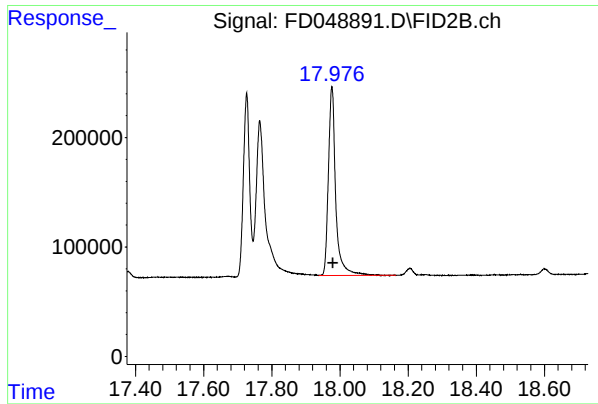
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.726 min
Delta R.T.: -0.004 min
Response: 2077953
Conc: 19.50 ug/ml



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

R.T.: 17.765 min
Delta R.T.: -0.006 min
Response: 2699701
Conc: 18.62 ug/ml



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

R.T.: 17.976 min
Delta R.T.: -0.003 min
Response: 2575636
Conc: 18.37 ug/ml

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