

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045927.D
 Signal(s) : FID2B.ch
 Acq On : 23 Jun 2023 15:13
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/24/2023
 Supervised By :Ankita Jodhani 06/26/2023

Integration File: autoint1.e
 Quant Time: Jun 23 17:27:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.519	3628250	20.125 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
6) S 2-Fluorobiphenyl (SURR)	8.374	2341548	19.476 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.95%
11) S ortho-Terphenyl (SURR)	11.412	4289594	19.204 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.329	4164094	20.627 ug/ml
2) T Naphthalene (C11.7)	5.858	4255907	20.085 ug/ml
3) T 2-Methylnaphthalene (...)	6.907	4274388	20.238 ug/ml
5) T Acenaphthylene (C15.06)	8.178	3730379	19.689 ug/ml
7) T Acenaphthene (C15.5)	8.473	3998852	19.779 ug/ml
8) T Fluorene (C16.55)	9.251	3840010	19.381 ug/ml
9) T Phenanthrene (C19.36)	10.641	3591990	18.776 ug/ml
10) T Anthracene (C19.43)	10.715	2895411	16.997 ug/ml
12) T Fluoranthene (C21.85)	12.444	3365719	18.218 ug/ml
13) T Pyrene (C20.8)	12.739	3261398	18.261 ug/ml
14) T Benzo[a]anthracene (C...	14.602	2923149	18.670 ug/ml
15) T Chrysene (C27.41)	14.645	3091335	18.737 ug/ml
16) T benzo[b]fluoranthene ...	16.144	3087790	20.402 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.177	3048756	19.692 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.519	2987297	20.428 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.877	2993333	20.437 ug/mlm
20) T Dibenz[a,h]anthracene...	17.918	3090640	20.602 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.129	3097628	20.993 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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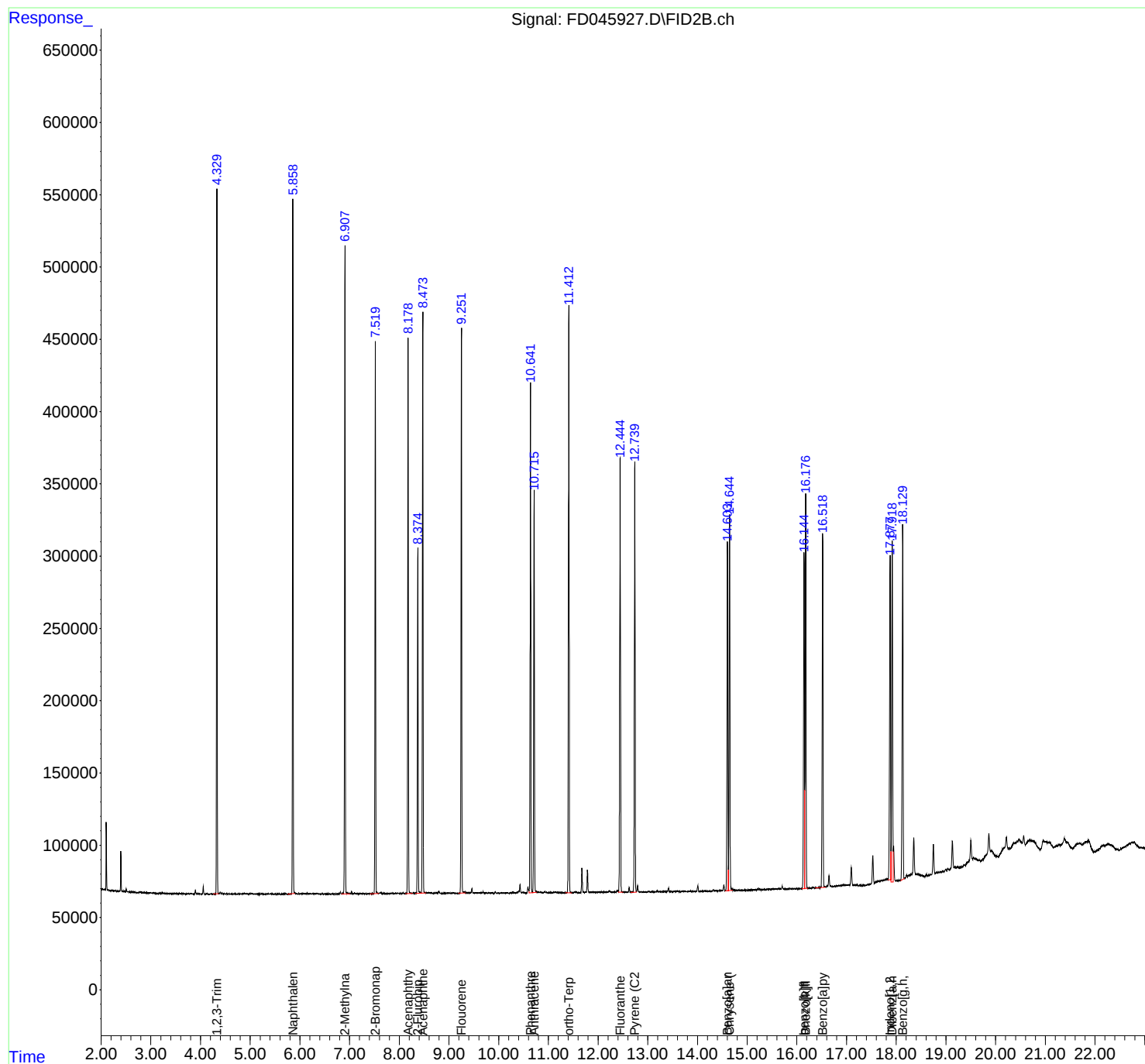
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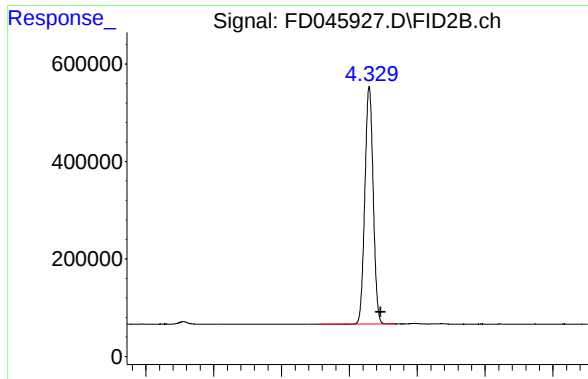
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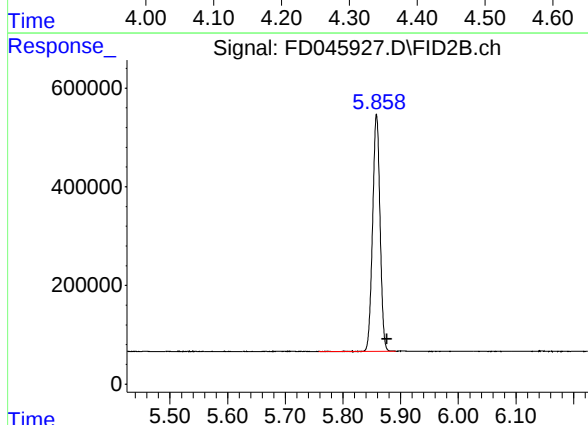
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.329 min
Delta R.T.: -0.017 min
Response: 4164094
Conc: 20.63 ug/ml

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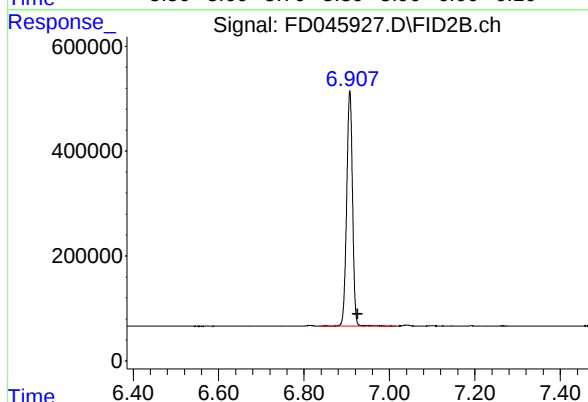
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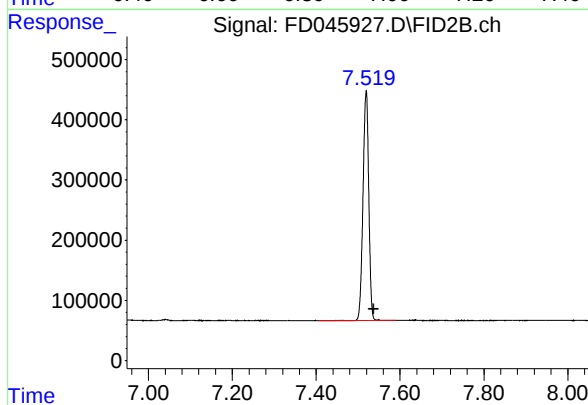
#2 Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: -0.018 min
Response: 4255907
Conc: 20.09 ug/ml



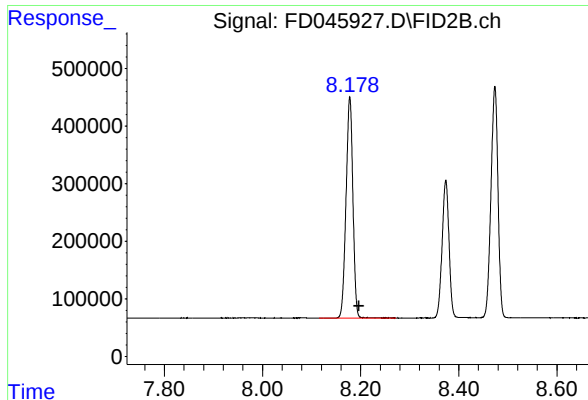
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: -0.019 min
Response: 4274388
Conc: 20.24 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.519 min
Delta R.T.: -0.018 min
Response: 3628250
Conc: 20.12 ug/ml



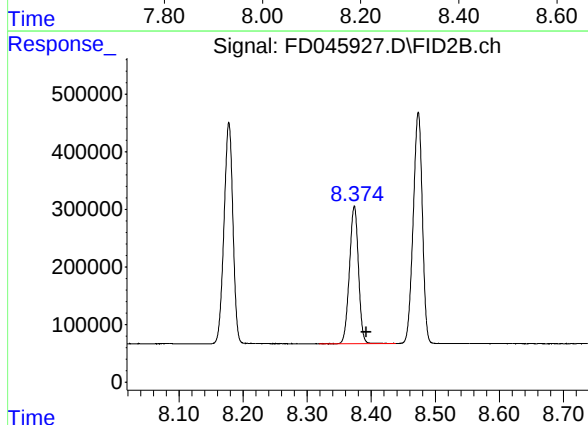
#5 Acenaphthylene (C15.06)

R.T.: 8.178 min
Delta R.T.: -0.019 min
Response: 3730379
Conc: 19.69 ug/ml

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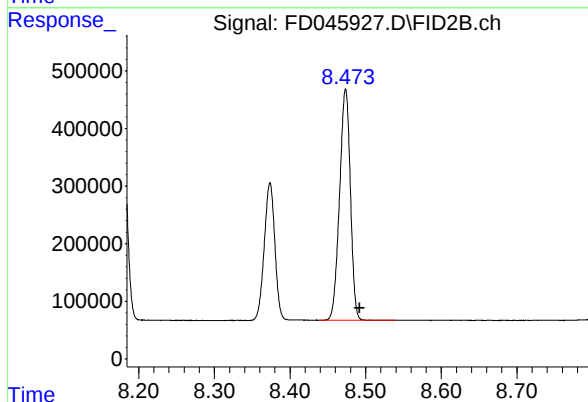
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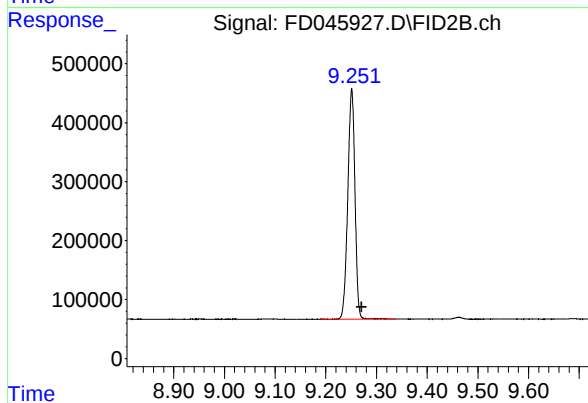
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.374 min
Delta R.T.: -0.019 min
Response: 2341548
Conc: 19.48 ug/ml



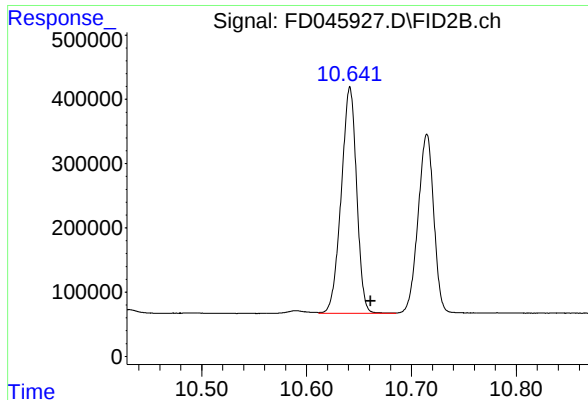
#7 Acenaphthene (C15.5)

R.T.: 8.473 min
Delta R.T.: -0.019 min
Response: 3998852
Conc: 19.78 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.251 min
Delta R.T.: -0.019 min
Response: 3840010
Conc: 19.38 ug/ml



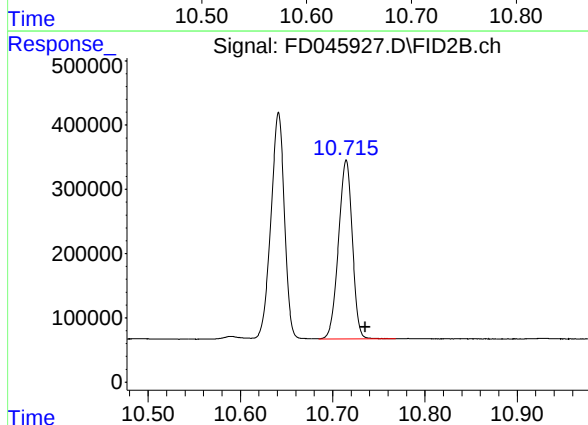
#9 Phenanthrene (C19.36)

R.T.: 10.641 min
Delta R.T.: -0.020 min
Response: 3591990
Conc: 18.78 ug/ml

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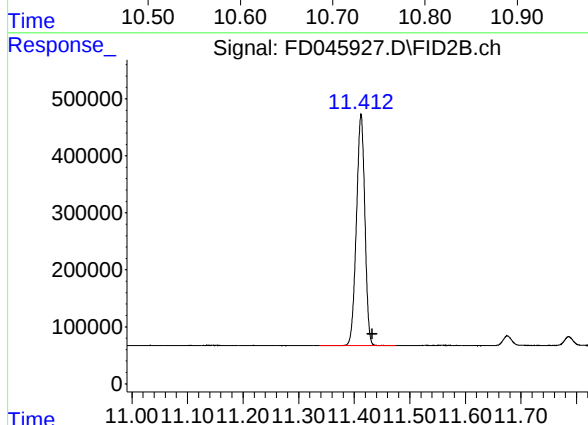
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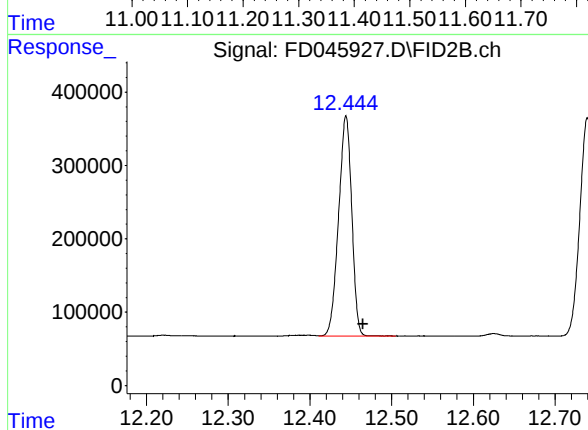
#10 Anthracene (C19.43)

R.T.: 10.715 min
Delta R.T.: -0.021 min
Response: 2895411
Conc: 17.00 ug/ml



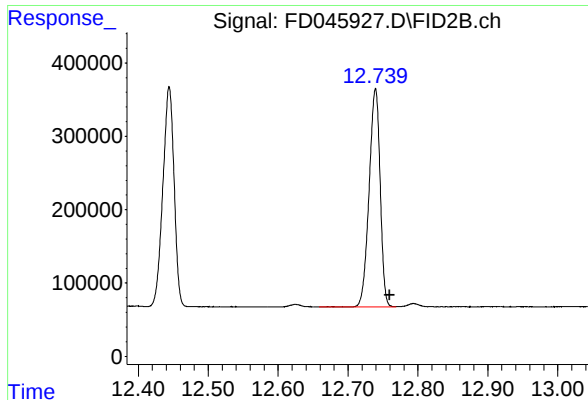
#11 ortho-Terphenyl (SURR)

R.T.: 11.412 min
Delta R.T.: -0.020 min
Response: 4289594
Conc: 19.20 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.444 min
Delta R.T.: -0.021 min
Response: 3365719
Conc: 18.22 ug/ml



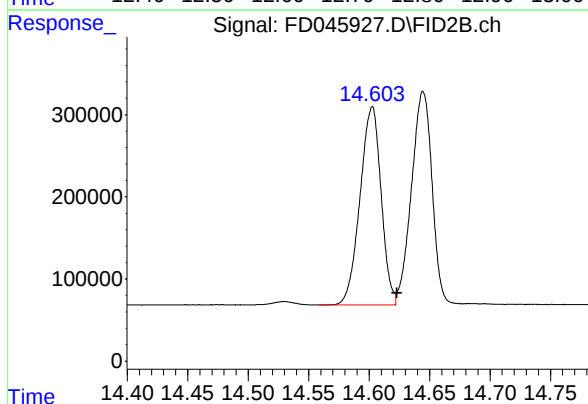
#13 Pyrene (C20.8)

R.T.: 12.739 min
Delta R.T.: -0.020 min
Response: 3261398
Conc: 18.26 ug/ml

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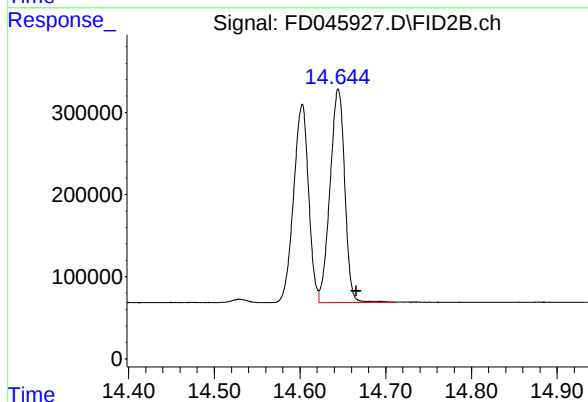
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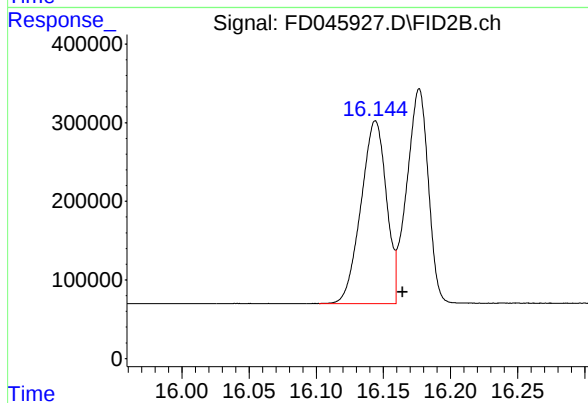
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.602 min
Delta R.T.: -0.021 min
Response: 2923149
Conc: 18.67 ug/ml



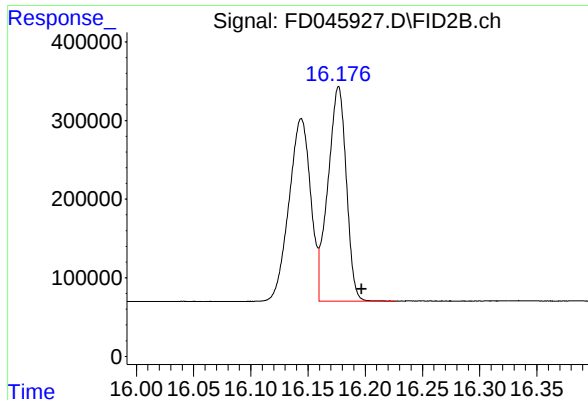
#15 Chrysene (C27.41)

R.T.: 14.645 min
Delta R.T.: -0.021 min
Response: 3091335
Conc: 18.74 ug/ml



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

R.T.: 16.144 min
Delta R.T.: -0.020 min
Response: 3087790
Conc: 20.40 ug/ml m



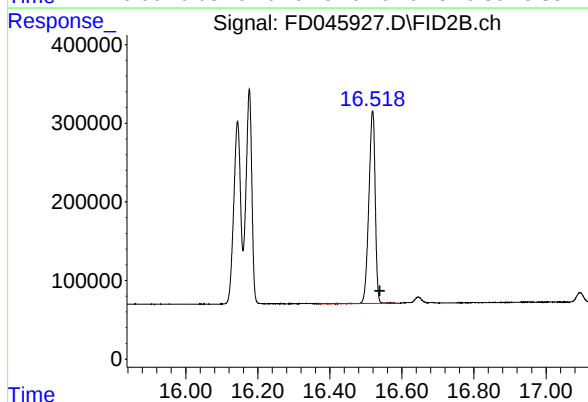
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.177 min
Delta R.T.: -0.020 min
Response: 3048756
Conc: 19.69 ug/ml

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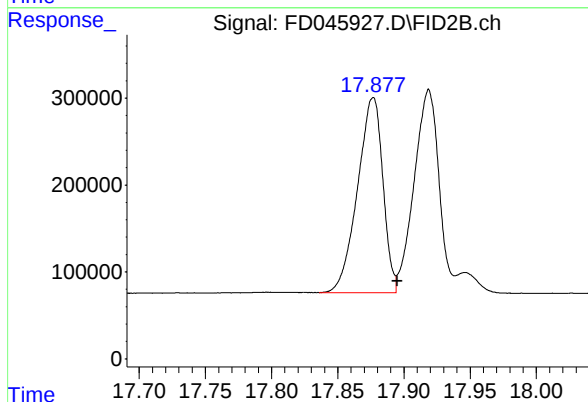
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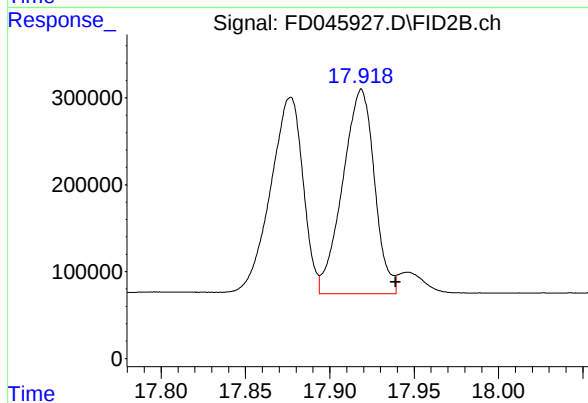
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.519 min
Delta R.T.: -0.021 min
Response: 2987297
Conc: 20.43 ug/ml



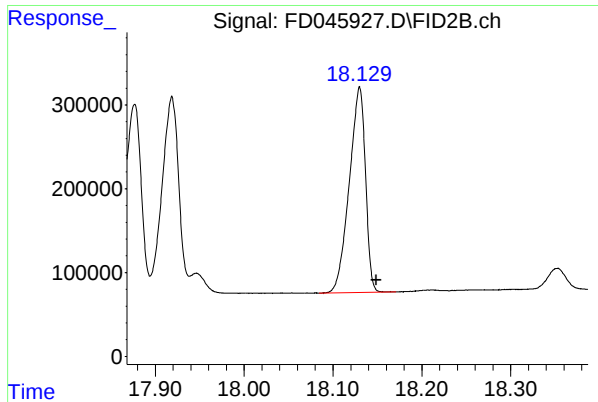
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.877 min
Delta R.T.: -0.018 min
Response: 2993333
Conc: 20.44 ug/ml m



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

R.T.: 17.918 min
Delta R.T.: -0.021 min
Response: 3090640
Conc: 20.60 ug/ml m



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

R.T.: 18.129 min
Delta R.T.: -0.020 min
Response: 3097628
Conc: 20.99 ug/ml

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