

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070722AR\
 Data File : FD043198.D
 Signal(s) : FID2B.ch
 Acq On : 07 Jul 2022 12:21
 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 07/07/2022
 Supervised By :Ankita Jodhani 07/08/2022

Integration File: autoint1.e
 Quant Time: Jul 07 13:25:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 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...	7.628	3276401	21.219 ug/ml
Spiked Amount 50.000		Recovery =	42.44%
6) S 2-Fluorobiphenyl (SURR)	8.491	2190223	20.765 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.53%
11) S ortho-Terphenyl (SURR)	11.535	3687171	20.287 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.423	3693827	21.993 ug/ml
2) T Naphthalene (C11.7)	5.963	3767925	21.522 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	3416561	21.241 ug/ml
5) T Acenaphthylene (C15.06)	8.294	3640346	20.480 ug/ml
7) T Acenaphthene (C15.5)	8.590	3676191	20.993 ug/ml
8) T Flouorene (C16.55)	9.372	3582740	20.669 ug/ml
9) T Phenanthrene (C19.36)	10.769	3434472	20.025 ug/ml
10) T Anthracene (C19.43)	10.844	3304461	19.450 ug/ml
12) T Fluoranthene (C21.85)	12.582	3220596	19.203 ug/ml
13) T Pyrene (C20.8)	12.880	3108706	19.075 ug/mlm
14) T Benzo[a]anthracene (C...	14.752	2955193	19.029 ug/ml
15) T Chrysene (C27.41)	14.794	3037193	19.243 ug/ml
16) T benzo[b]fluoranthene ...	16.303	3060727	20.079 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.335	2960200	20.225 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	2938342	20.543 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.047	2738735	21.886 ug/ml
20) T Dibenz[a,h]anthracene...	18.086	3093948	23.014 ug/ml
21) T Benzo[g,h,i]perylene ...	18.301	2944504	22.575 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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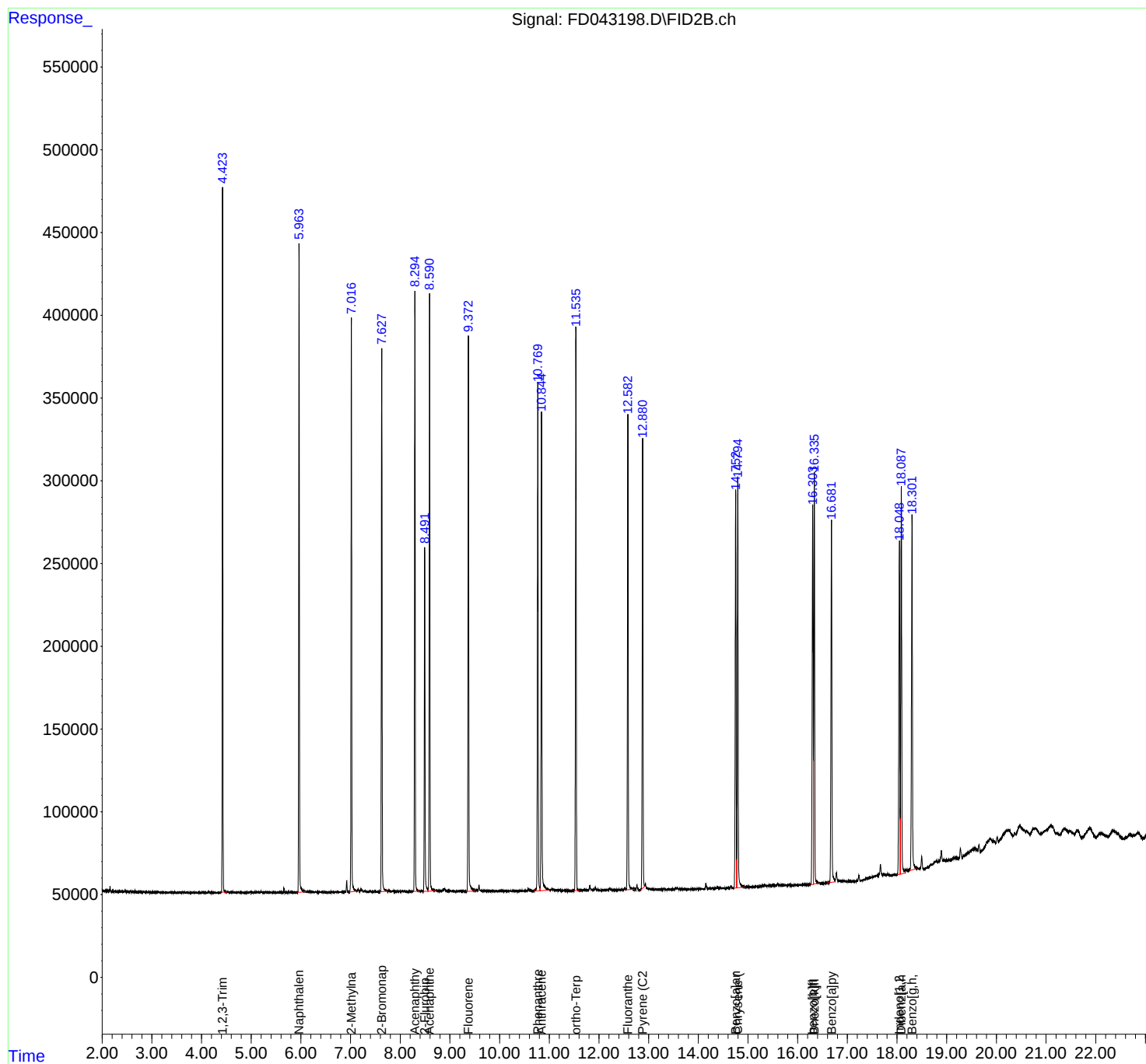
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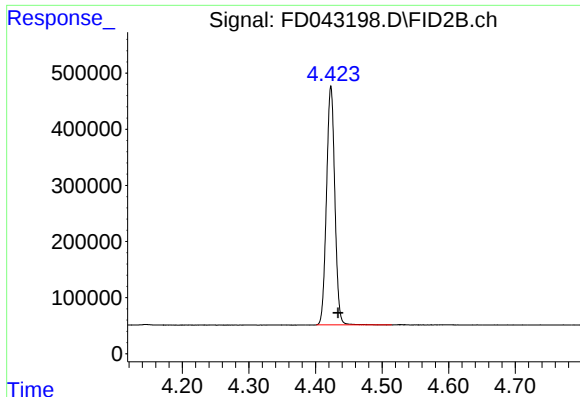
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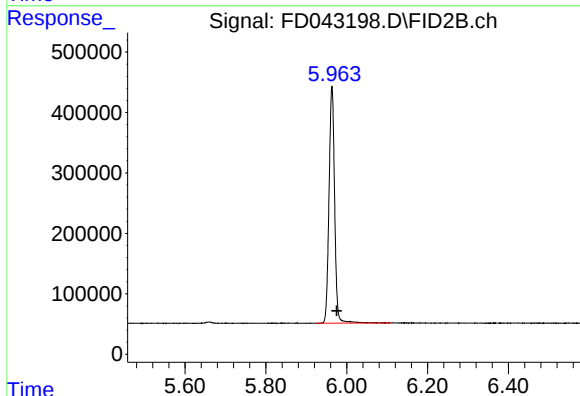
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.423 min
Delta R.T.: -0.011 min
Response: 3693827
Conc: 21.99 ug/ml

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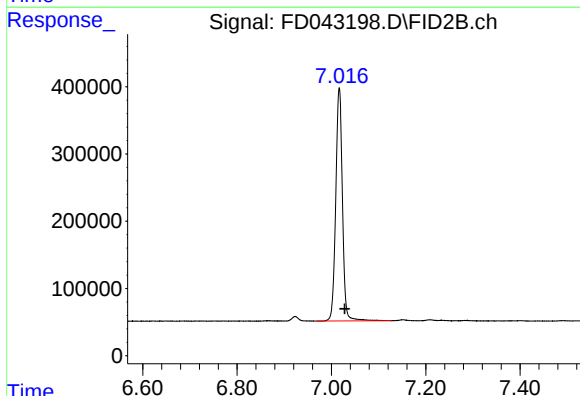
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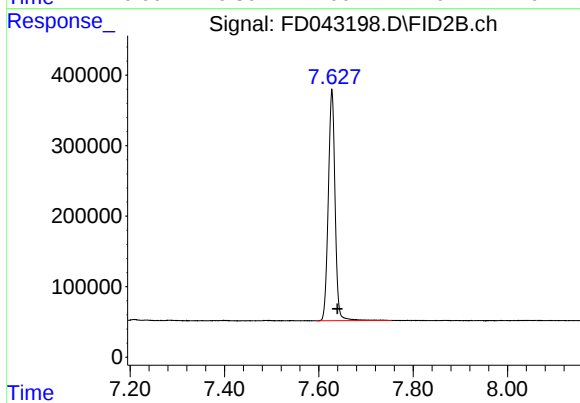
#2 Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: -0.012 min
Response: 3767925
Conc: 21.52 ug/ml



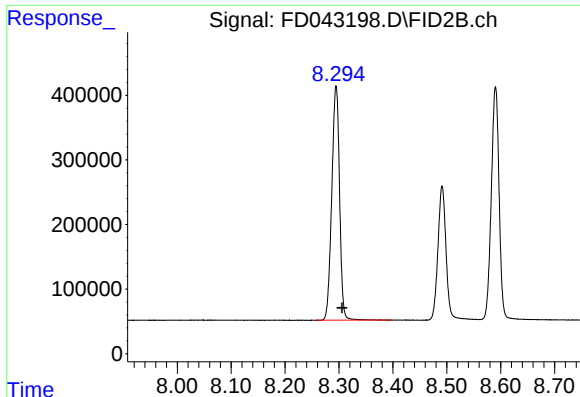
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.011 min
Response: 3416561
Conc: 21.24 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.628 min
Delta R.T.: -0.012 min
Response: 3276401
Conc: 21.22 ug/ml



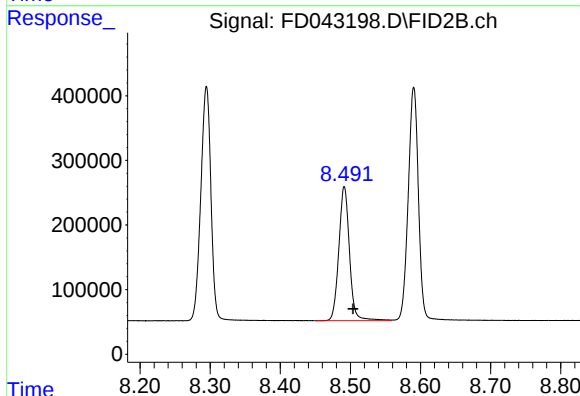
#5 Acenaphthylene (C15.06)

R.T.: 8.294 min
Delta R.T.: -0.011 min
Response: 3640346
Conc: 20.48 ug/ml

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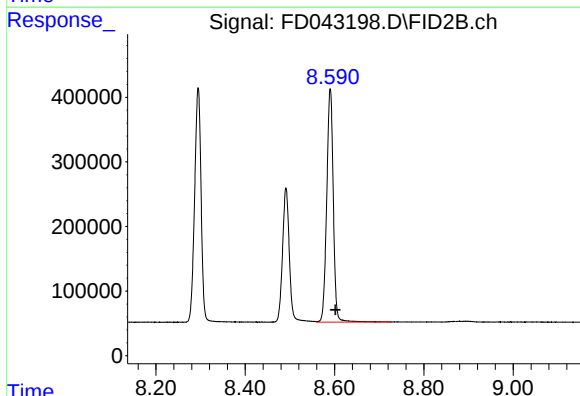
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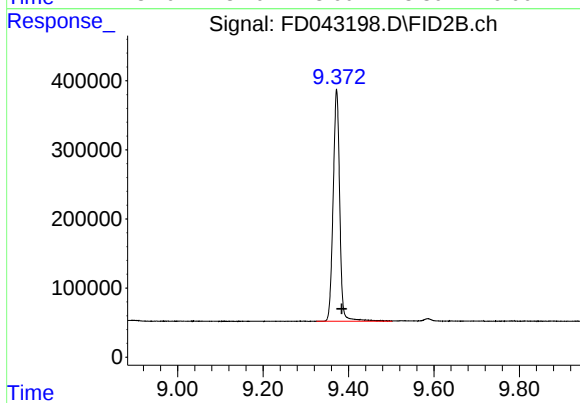
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.491 min
Delta R.T.: -0.013 min
Response: 2190223
Conc: 20.77 ug/ml



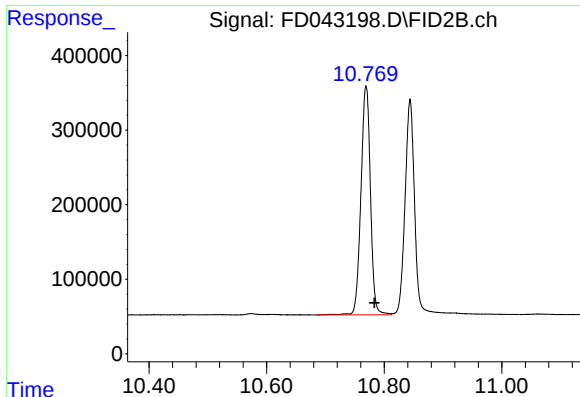
#7 Acenaphthene (C15.5)

R.T.: 8.590 min
Delta R.T.: -0.011 min
Response: 3676191
Conc: 20.99 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.372 min
Delta R.T.: -0.012 min
Response: 3582740
Conc: 20.67 ug/ml



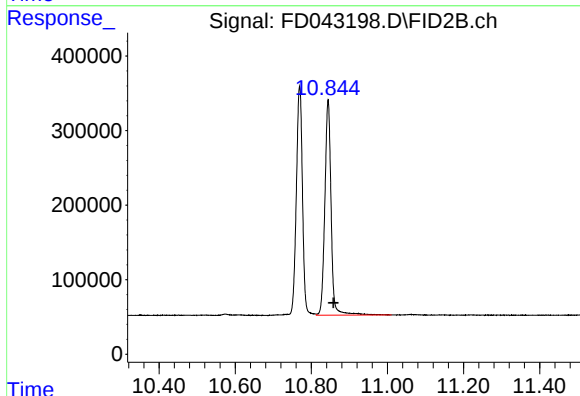
#9 Phenanthrene (C19.36)

R.T.: 10.769 min
Delta R.T.: -0.014 min
Response: 3434472
Conc: 20.02 ug/ml

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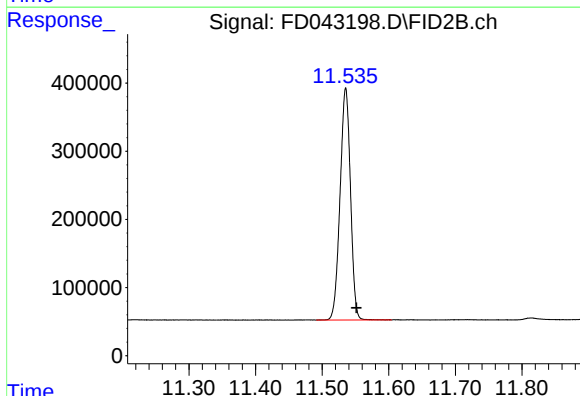
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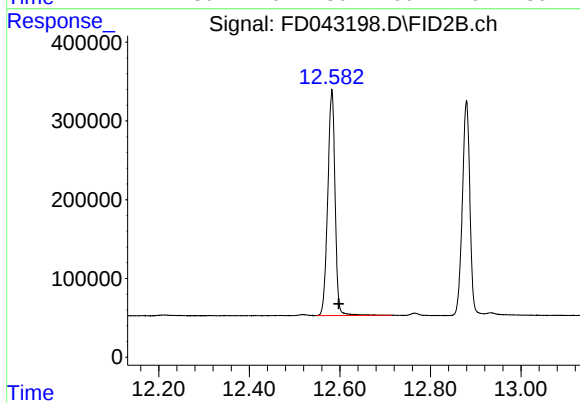
#10 Anthracene (C19.43)

R.T.: 10.844 min
Delta R.T.: -0.014 min
Response: 3304461
Conc: 19.45 ug/ml



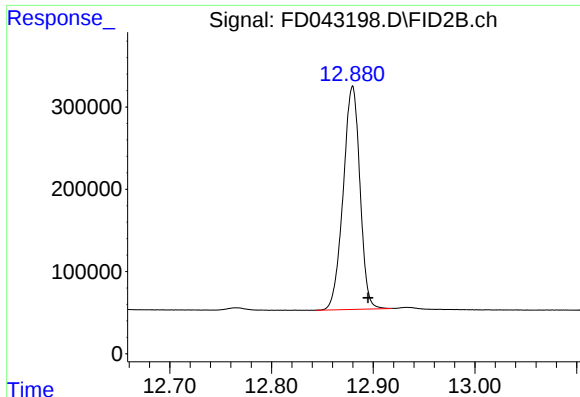
#11 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: -0.016 min
Response: 3687171
Conc: 20.29 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.582 min
Delta R.T.: -0.015 min
Response: 3220596
Conc: 19.20 ug/ml



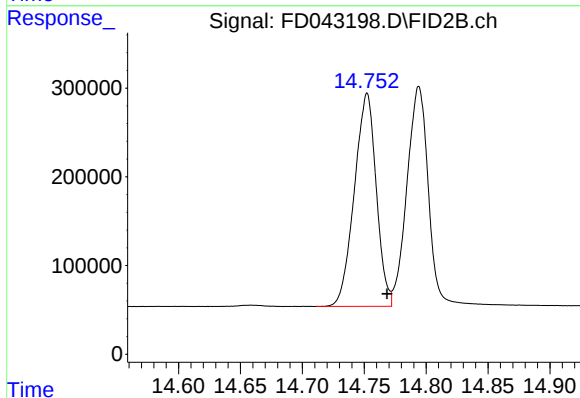
#13 Pyrene (C20.8)

R.T.: 12.880 min
Delta R.T.: -0.015 min
Response: 3108706
Conc: 19.08 ug/ml

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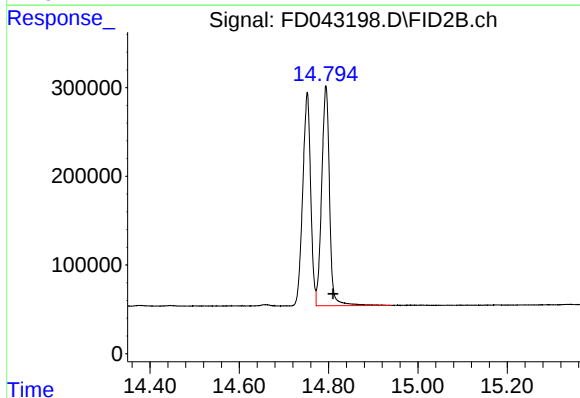
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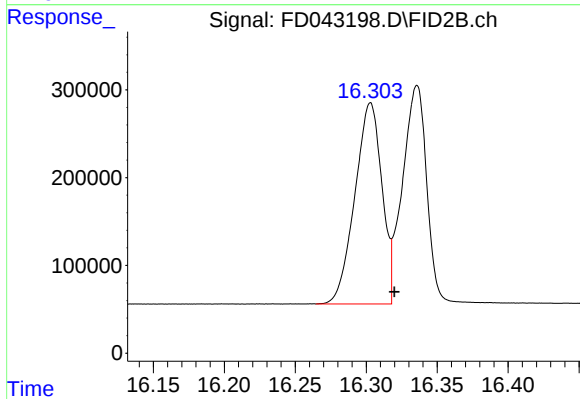
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.752 min
Delta R.T.: -0.016 min
Response: 2955193
Conc: 19.03 ug/ml



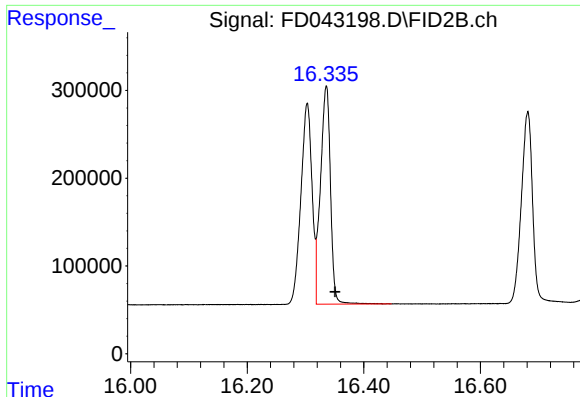
#15 Chrysene (C27.41)

R.T.: 14.794 min
Delta R.T.: -0.016 min
Response: 3037193
Conc: 19.24 ug/ml



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

R.T.: 16.303 min
Delta R.T.: -0.017 min
Response: 3060727
Conc: 20.08 ug/ml m



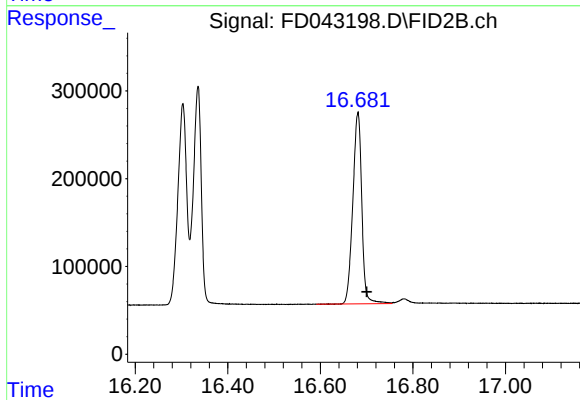
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.335 min
Delta R.T.: -0.015 min
Response: 2960200
Conc: 20.23 ug/ml

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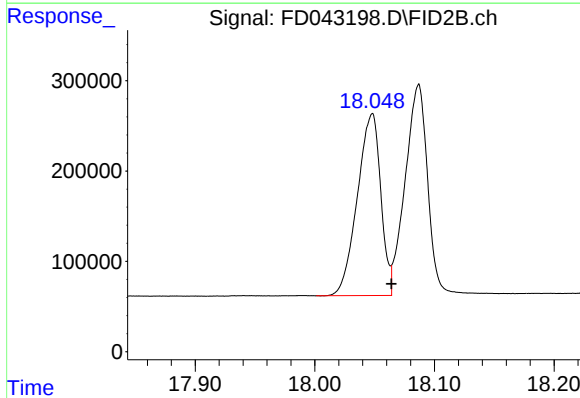
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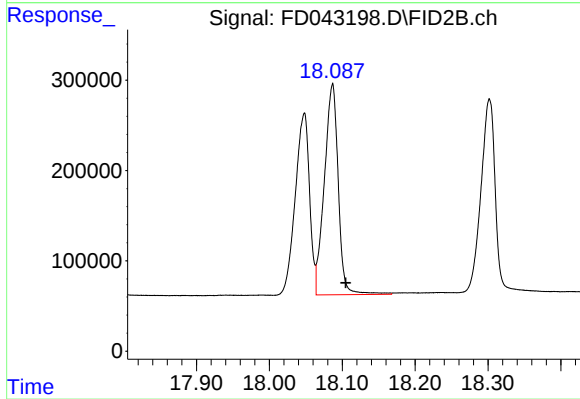
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.681 min
Delta R.T.: -0.019 min
Response: 2938342
Conc: 20.54 ug/ml



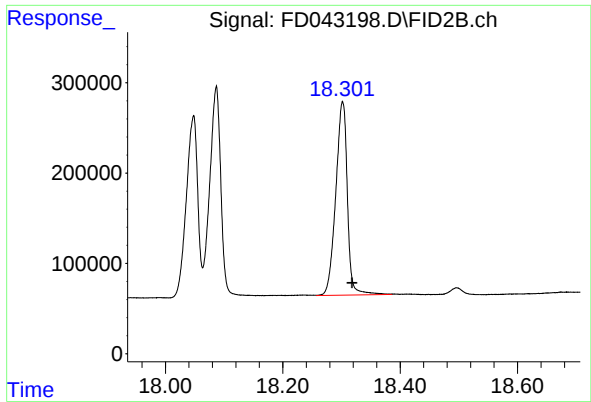
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.047 min
Delta R.T.: -0.017 min
Response: 2738735
Conc: 21.89 ug/ml



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

R.T.: 18.086 min
Delta R.T.: -0.018 min
Response: 3093948
Conc: 23.01 ug/ml



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

R.T.: 18.301 min
Delta R.T.: -0.017 min
Response: 2944504
Conc: 22.58 ug/ml

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