

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111722AR\
 Data File : FD044455.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2022 13:43
 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 11/18/2022
 Supervised By :Ankita Jodhani 11/18/2022

Integration File: autoint1.e
 Quant Time: Nov 18 03:13:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110322.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 17 08:21:34 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...	7.691	2608189	19.275 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
6) S 2-Fluorobiphenyl (SURR)	8.551	1781105	18.992 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.98%
11) S ortho-Terphenyl (SURR)	11.585	3264700	19.028 ug/ml
Spiked Amount 50.000		Recovery =	38.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.501	2829138	19.409 ug/ml
2) T Naphthalene (C11.7)	6.036	3008387	19.322 ug/ml
3) T 2-Methylnaphthalene (...)	7.083	3043897	19.267 ug/ml
5) T Acenaphthylene (C15.06)	8.356	2804911	18.601 ug/ml
7) T Acenaphthene (C15.5)	8.650	2961848	19.141 ug/ml
8) T Flouorene (C16.55)	9.428	2928968	19.045 ug/ml
9) T Phenanthrene (C19.36)	10.819	2876165	19.126 ug/ml
10) T Anthracene (C19.43)	10.893	2808688	19.170 ug/ml
12) T Fluoranthene (C21.85)	12.623	2884255	18.979 ug/ml
13) T Pyrene (C20.8)	12.920	2827498	19.021 ug/mlm
14) T Benzo[a]anthracene (C...	14.782	2645023	18.897 ug/mlm
15) T Chrysene (C27.41)	14.824	2760690	18.850 ug/ml
16) T benzo[b]fluoranthene ...	16.323	2729373	18.978 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.356	2676217	18.823 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.699	2640896	18.876 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.055	2557240	18.755 ug/mlm
20) T Dibenz[a,h]anthracene...	18.097	2551150	18.940 ug/ml
21) T Benzo[g,h,i]perylene ...	18.310	2570863	18.833 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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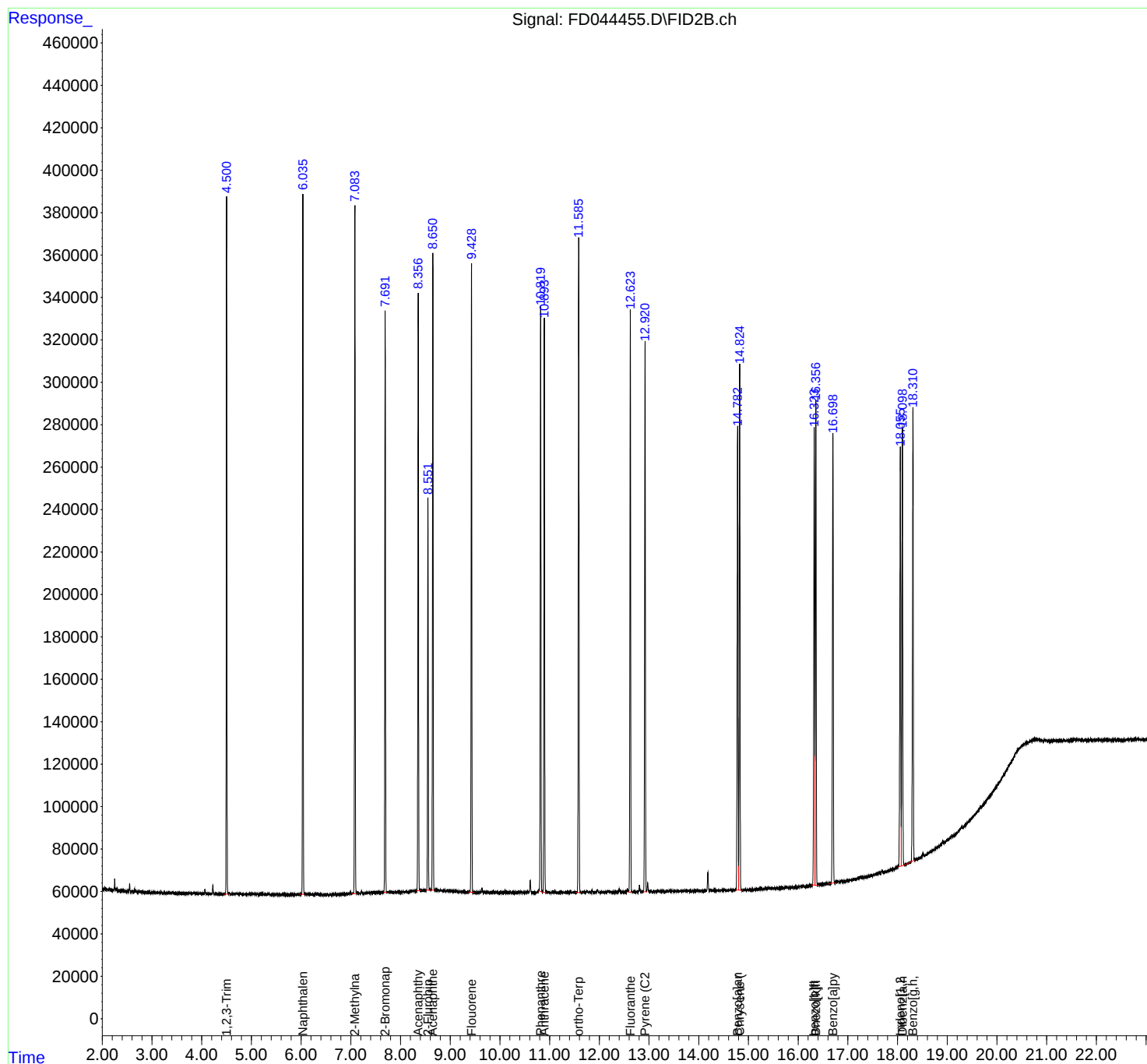
Instrument :
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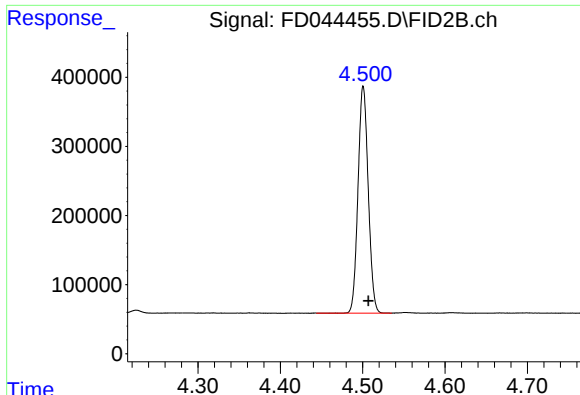
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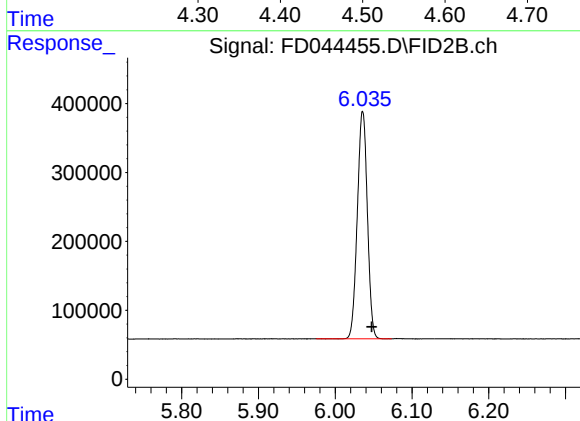
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.501 min
Delta R.T.: -0.006 min
Response: 2829138
Conc: 19.41 ug/ml

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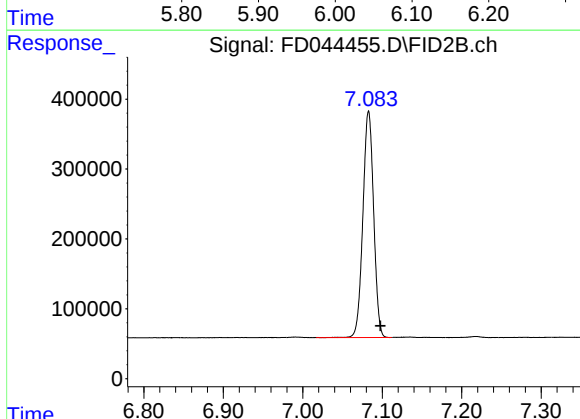
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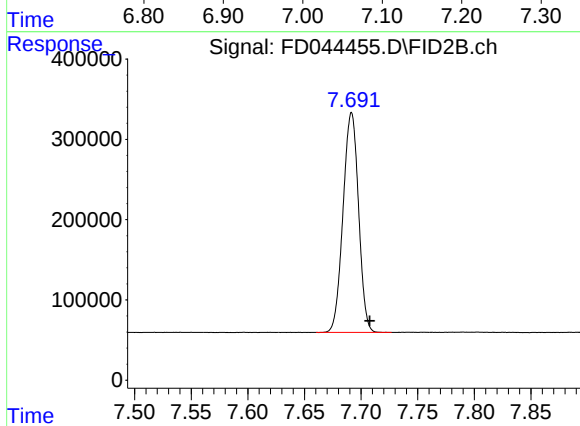
#2 Naphthalene (C11.7)

R.T.: 6.036 min
Delta R.T.: -0.012 min
Response: 3008387
Conc: 19.32 ug/ml



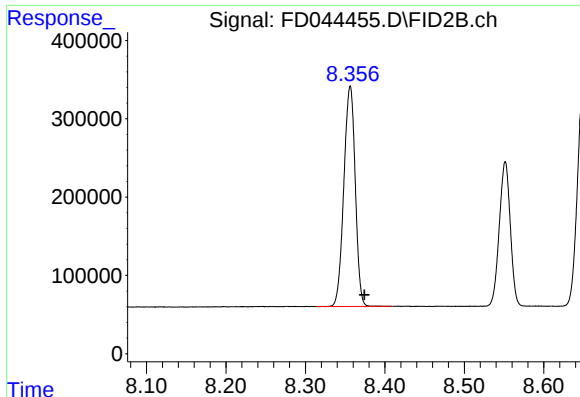
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.083 min
Delta R.T.: -0.015 min
Response: 3043897
Conc: 19.27 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.691 min
Delta R.T.: -0.016 min
Response: 2608189
Conc: 19.27 ug/ml



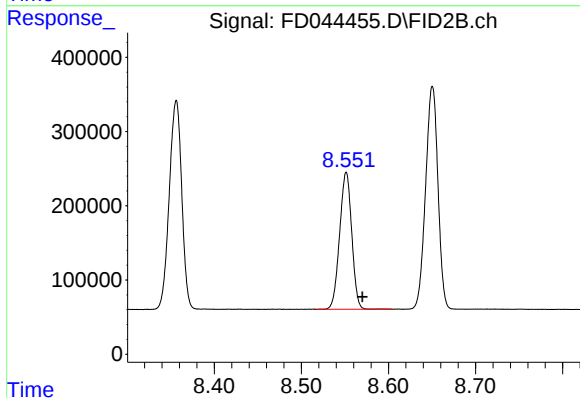
#5 Acenaphthylene (C15.06)

R.T.: 8.356 min
Delta R.T.: -0.018 min
Response: 2804911
Conc: 18.60 ug/ml

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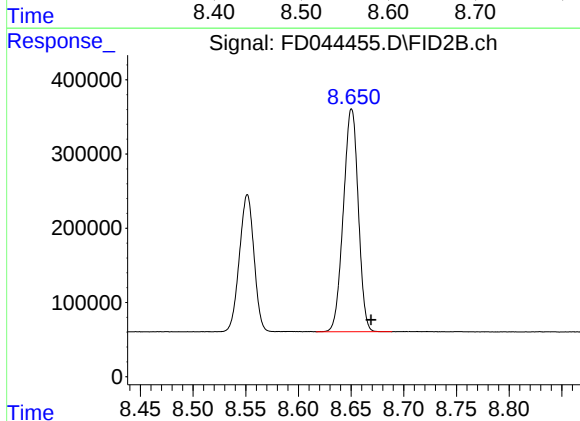
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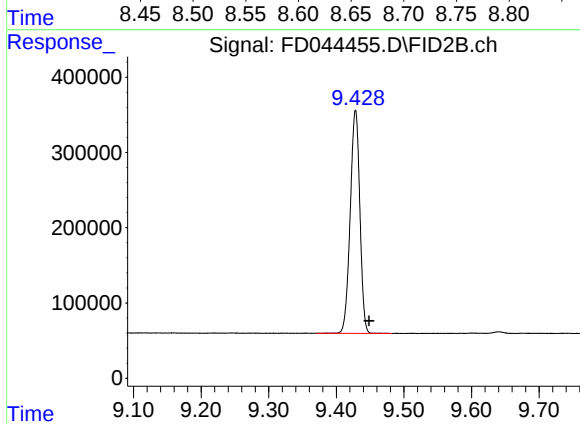
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.551 min
Delta R.T.: -0.019 min
Response: 1781105
Conc: 18.99 ug/ml



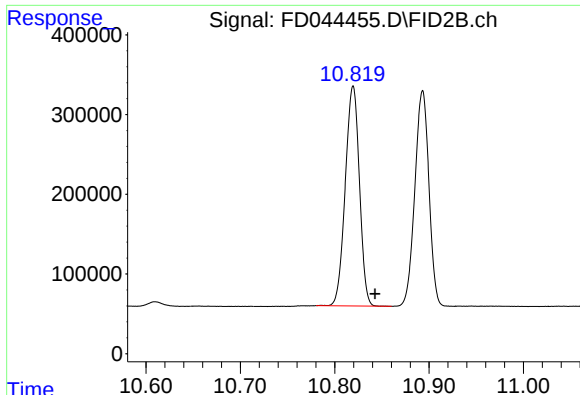
#7 Acenaphthene (C15.5)

R.T.: 8.650 min
Delta R.T.: -0.019 min
Response: 2961848
Conc: 19.14 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.428 min
Delta R.T.: -0.021 min
Response: 2928968
Conc: 19.04 ug/ml



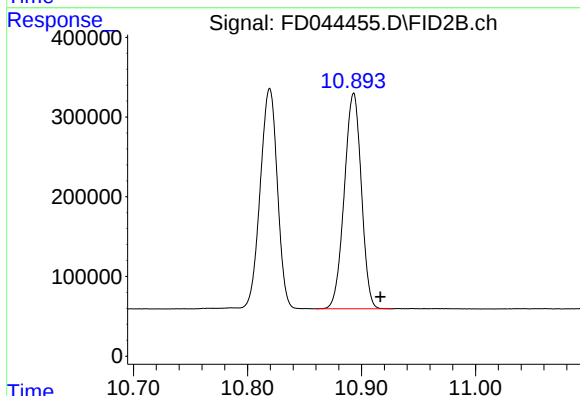
#9 Phenanthrene (C19.36)

R.T.: 10.819 min
Delta R.T.: -0.023 min
Response: 2876165
Conc: 19.13 ug/ml

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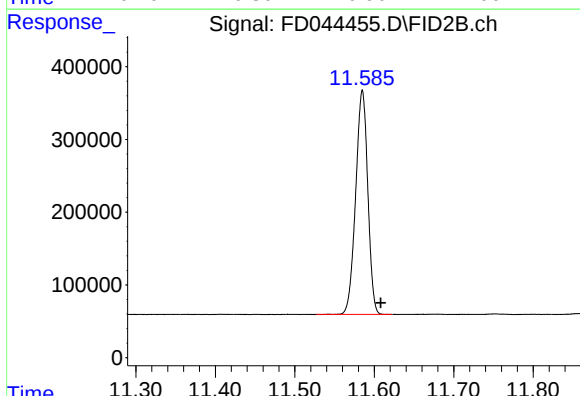
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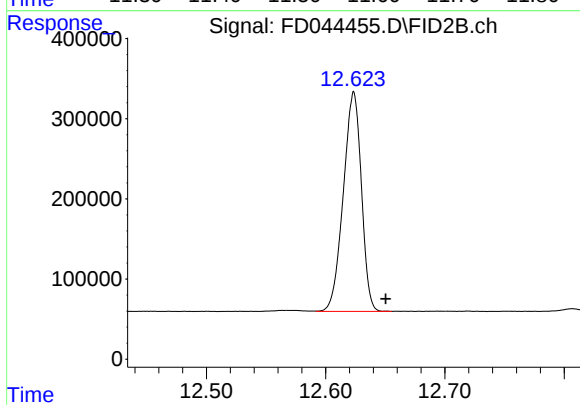
#10 Anthracene (C19.43)

R.T.: 10.893 min
Delta R.T.: -0.023 min
Response: 2808688
Conc: 19.17 ug/ml



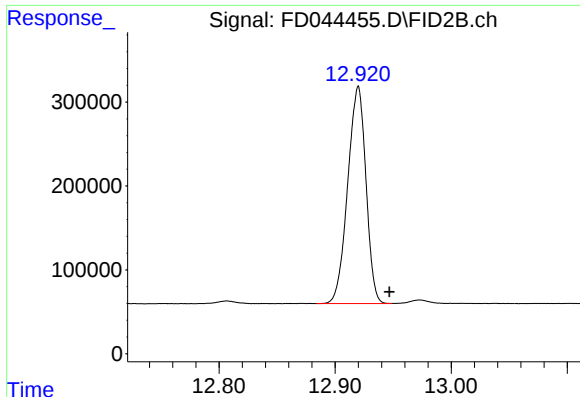
#11 ortho-Terphenyl (SURR)

R.T.: 11.585 min
Delta R.T.: -0.023 min
Response: 3264700
Conc: 19.03 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.623 min
Delta R.T.: -0.027 min
Response: 2884255
Conc: 18.98 ug/ml



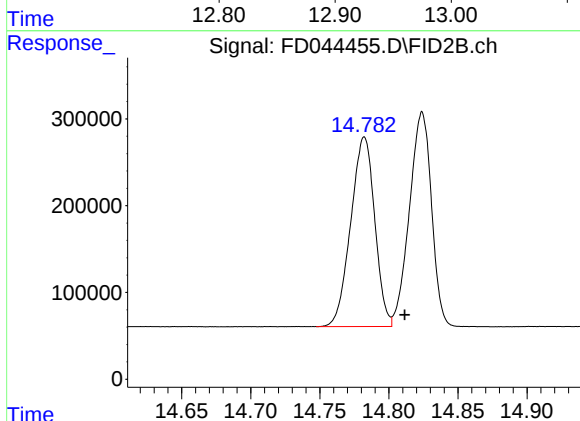
#13 Pyrene (C20.8)

R.T.: 12.920 min
Delta R.T.: -0.027 min
Response: 2827498
Conc: 19.02 ug/ml

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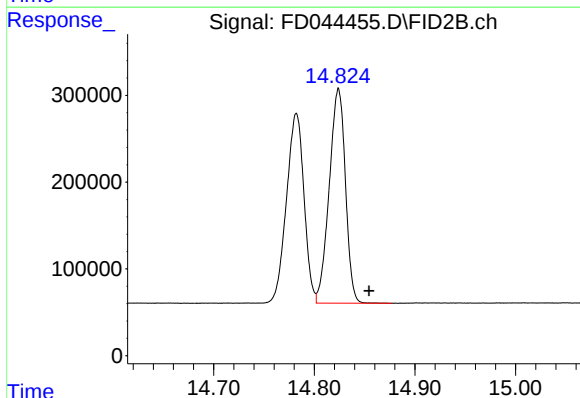
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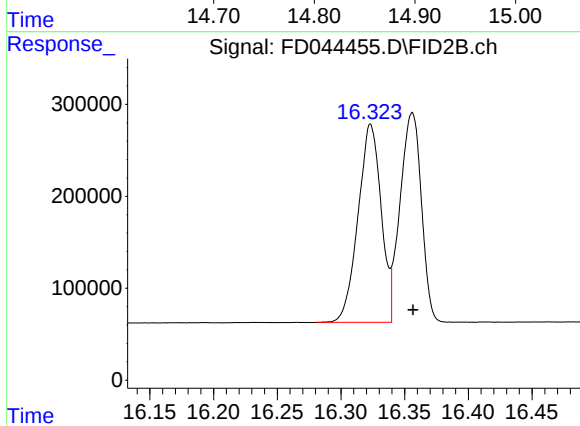
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.782 min
Delta R.T.: -0.030 min
Response: 2645023
Conc: 18.90 ug/ml m



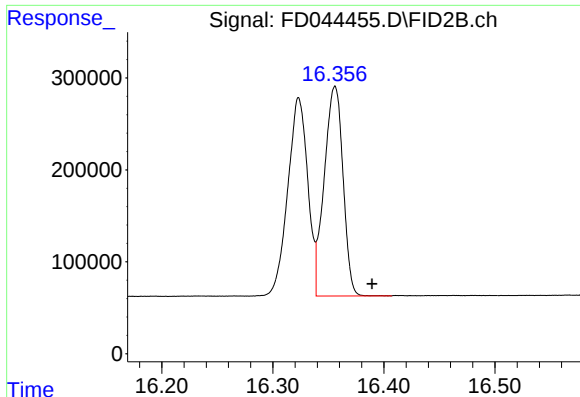
#15 Chrysene (C27.41)

R.T.: 14.824 min
Delta R.T.: -0.030 min
Response: 2760690
Conc: 18.85 ug/ml



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

R.T.: 16.323 min
Delta R.T.: -0.034 min
Response: 2729373
Conc: 18.98 ug/ml m



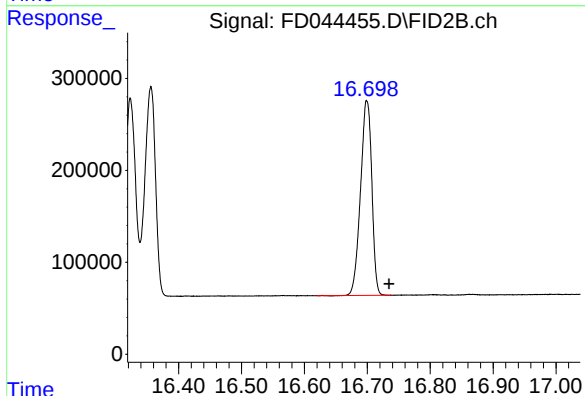
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.356 min
Delta R.T.: -0.033 min
Response: 2676217
Conc: 18.82 ug/ml

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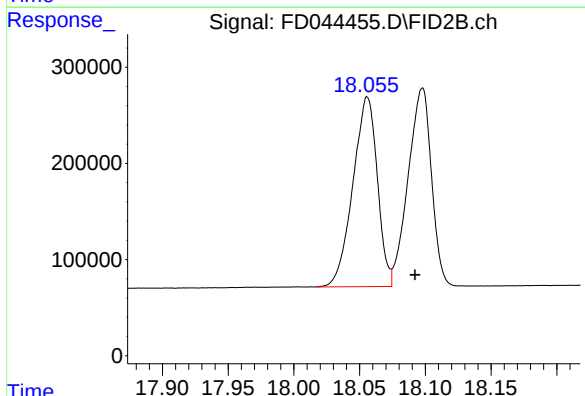
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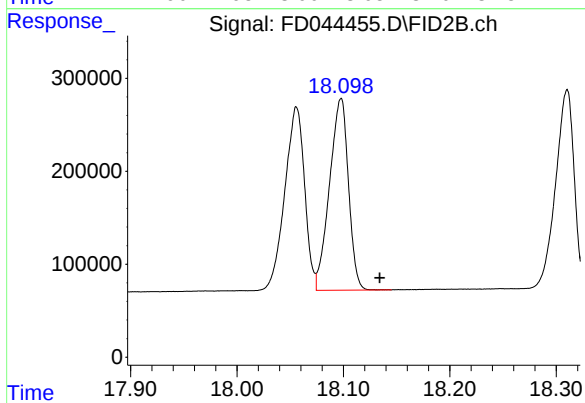
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.699 min
Delta R.T.: -0.035 min
Response: 2640896
Conc: 18.88 ug/ml



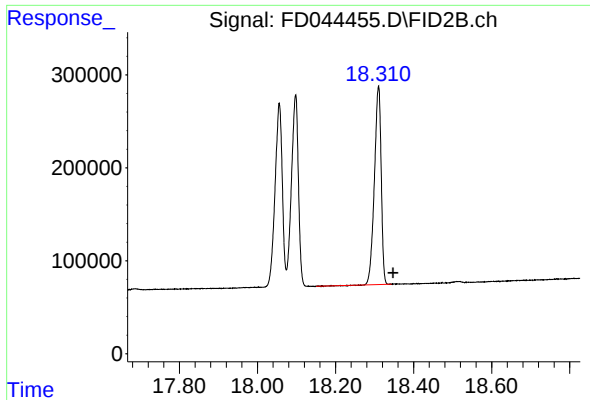
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.055 min
Delta R.T.: -0.037 min
Response: 2557240
Conc: 18.75 ug/ml m



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

R.T.: 18.097 min
Delta R.T.: -0.037 min
Response: 2551150
Conc: 18.94 ug/ml



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

R.T.: 18.310 min
Delta R.T.: -0.038 min
Response: 2570863
Conc: 18.83 ug/ml

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