

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063022AR\
 Data File : FD043146.D
 Signal(s) : FID2B.ch
 Acq On : 01 Jul 2022 06:14
 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 07/01/2022
 Supervised By :Ankita Jodhani 07/01/2022

Integration File: autoint1.e
 Quant Time: Jul 01 06:53:25 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	3123375	20.228 ug/ml
Spiked Amount 50.000		Recovery =	40.46%
6) S 2-Fluorobiphenyl (SURR)	8.491	2084378	19.762 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.52%
11) S ortho-Terphenyl (SURR)	11.534	3517179	19.352 ug/ml
Spiked Amount 50.000		Recovery =	38.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.426	3491750	20.790 ug/ml
2) T Naphthalene (C11.7)	5.965	3564272	20.359 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	3242446	20.159 ug/ml
5) T Acenaphthylene (C15.06)	8.294	3441573	19.362 ug/ml
7) T Acenaphthene (C15.5)	8.590	3484229	19.897 ug/ml
8) T Flouorene (C16.55)	9.371	3409074	19.667 ug/ml
9) T Phenanthrene (C19.36)	10.768	3299625	19.239 ug/ml
10) T Anthracene (C19.43)	10.842	3074792	18.098 ug/ml
12) T Fluoranthene (C21.85)	12.580	3129731	18.661 ug/ml
13) T Pyrene (C20.8)	12.876	3004547	18.436 ug/mlm
14) T Benzo[a]anthracene (C...	14.748	2817972	18.145 ug/ml
15) T Chrysene (C27.41)	14.790	2916585	18.479 ug/ml
16) T benzo[b]fluoranthene ...	16.299	2887152	18.940 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.330	2801434	19.141 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.677	2737889	19.142 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.041	2533483	20.246 ug/mlm
20) T Dibenz[a,h]anthracene...	18.081	2903838	21.600 ug/ml
21) T Benzo[g,h,i]perylene ...	18.296	2712983	20.800 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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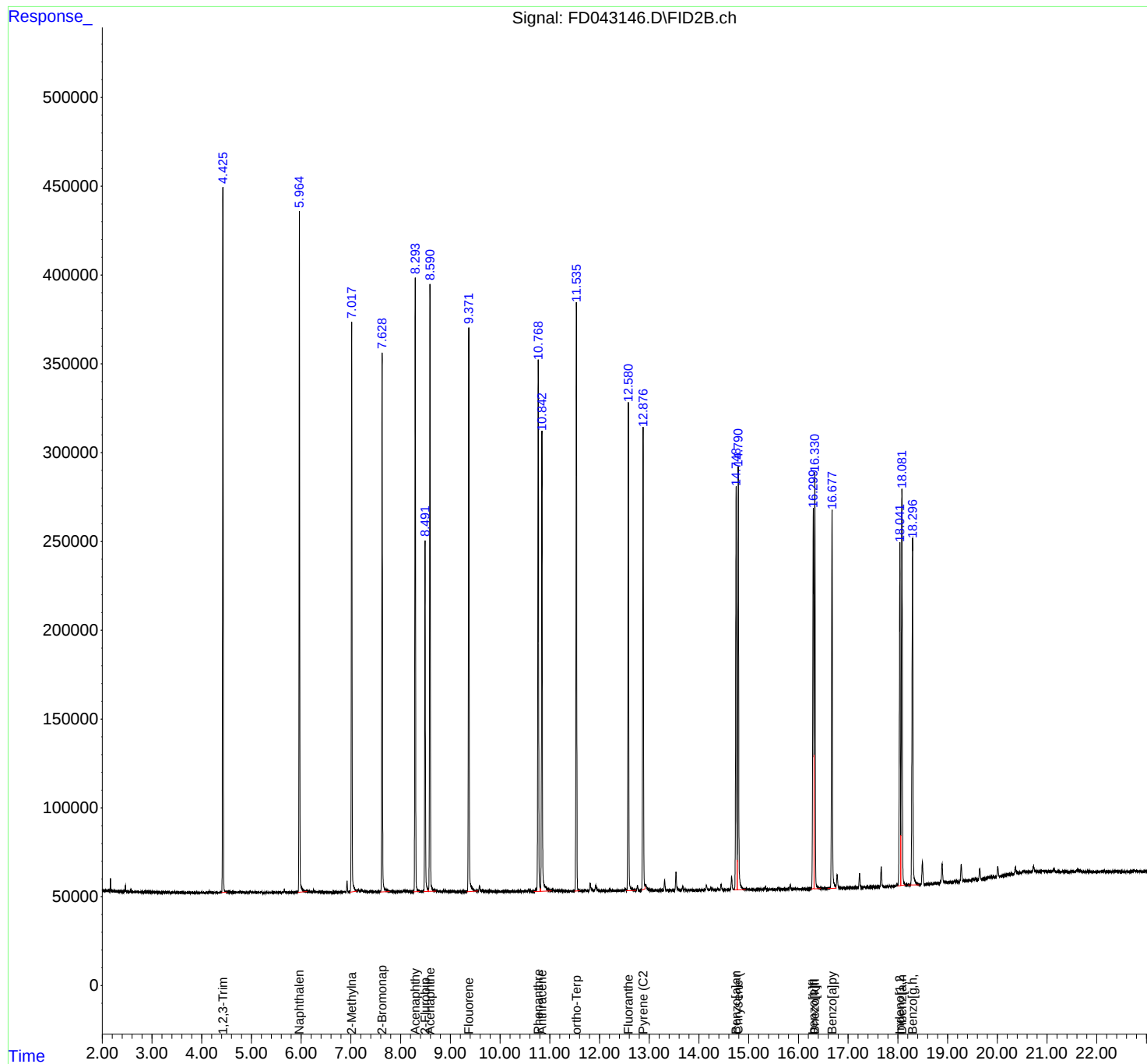
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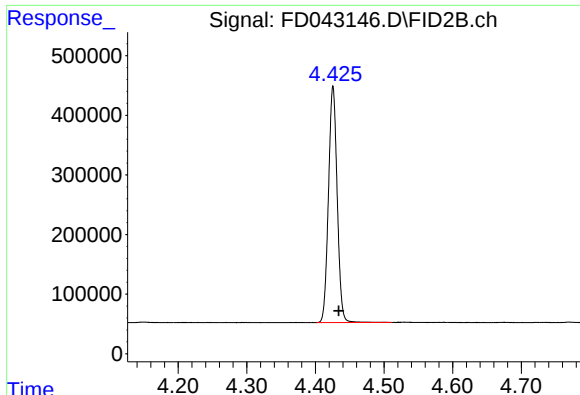
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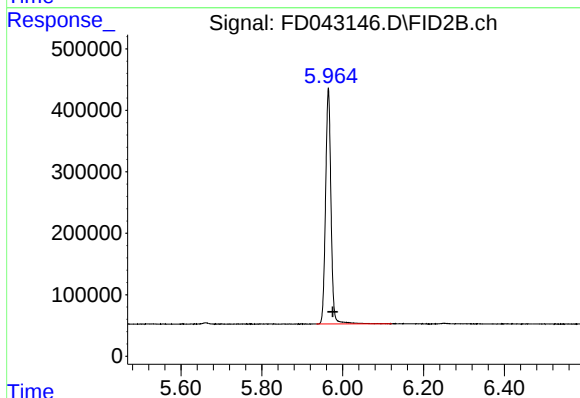
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.426 min
Delta R.T.: -0.008 min
Response: 3491750
Conc: 20.79 ug/ml

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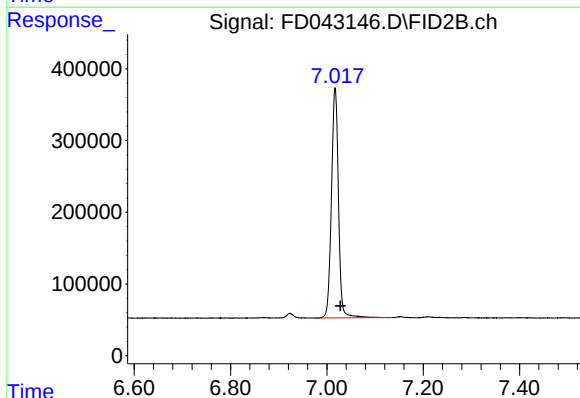
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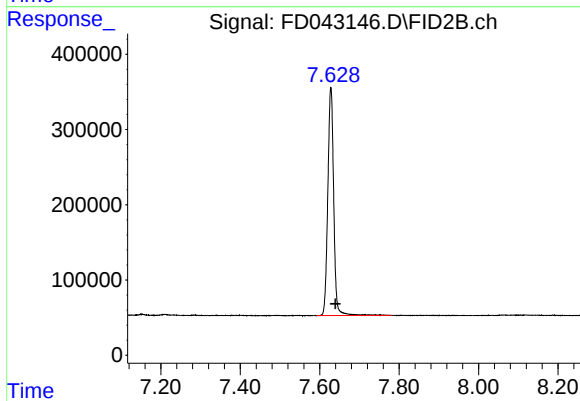
#2 Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.010 min
Response: 3564272
Conc: 20.36 ug/ml



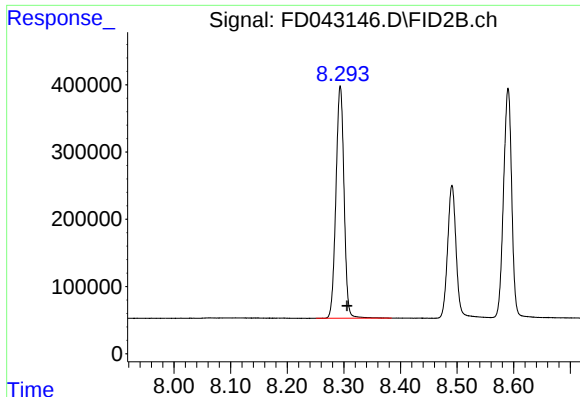
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.011 min
Response: 3242446
Conc: 20.16 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.628 min
Delta R.T.: -0.011 min
Response: 3123375
Conc: 20.23 ug/ml



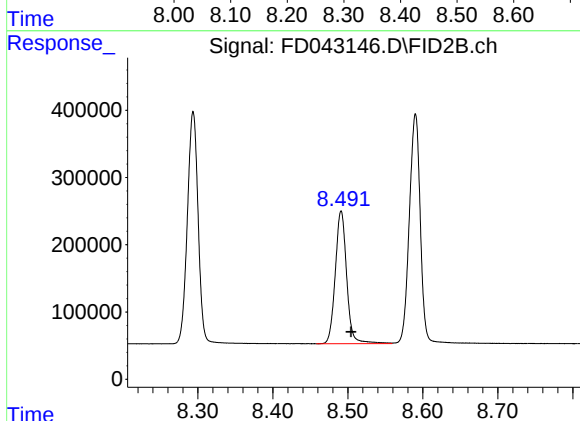
#5 Acenaphthylene (C15.06)

R.T.: 8.294 min
Delta R.T.: -0.012 min
Response: 3441573
Conc: 19.36 ug/ml

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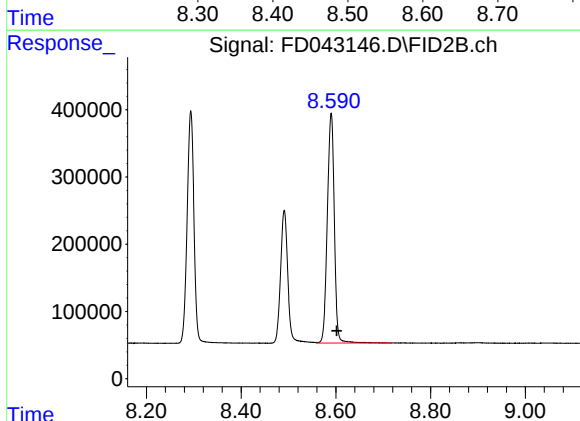
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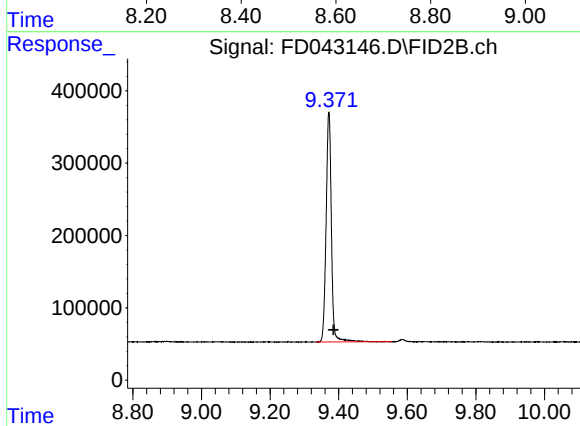
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.491 min
Delta R.T.: -0.013 min
Response: 2084378
Conc: 19.76 ug/ml



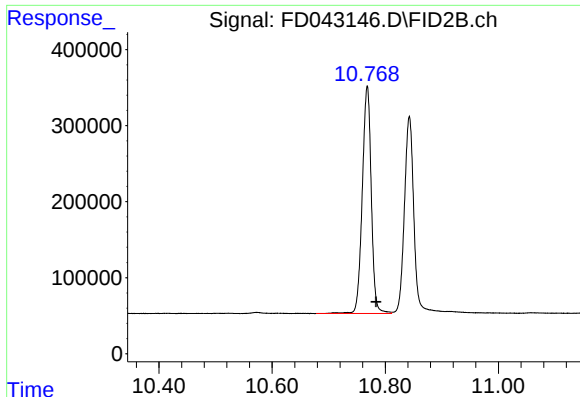
#7 Acenaphthene (C15.5)

R.T.: 8.590 min
Delta R.T.: -0.012 min
Response: 3484229
Conc: 19.90 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.371 min
Delta R.T.: -0.013 min
Response: 3409074
Conc: 19.67 ug/ml



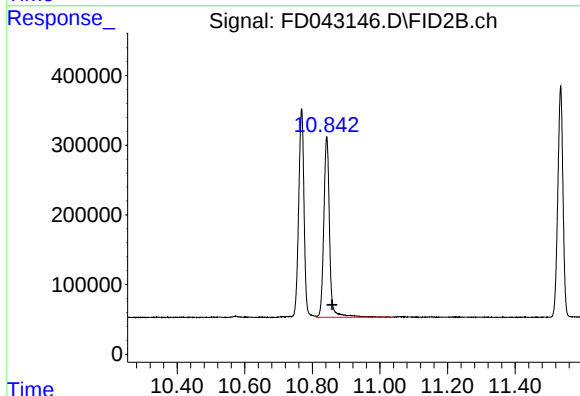
#9 Phenanthrene (C19.36)

R.T.: 10.768 min
Delta R.T.: -0.016 min
Response: 3299625
Conc: 19.24 ug/ml

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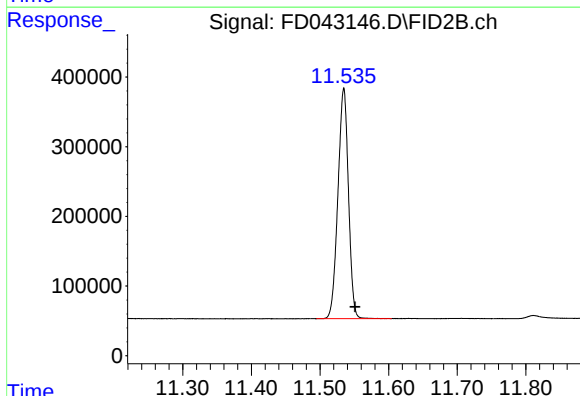
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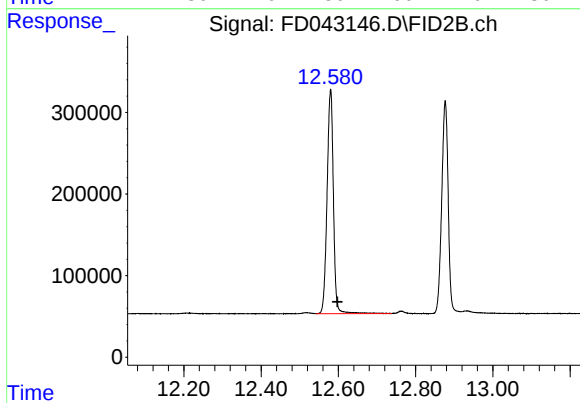
#10 Anthracene (C19.43)

R.T.: 10.842 min
Delta R.T.: -0.016 min
Response: 3074792
Conc: 18.10 ug/ml



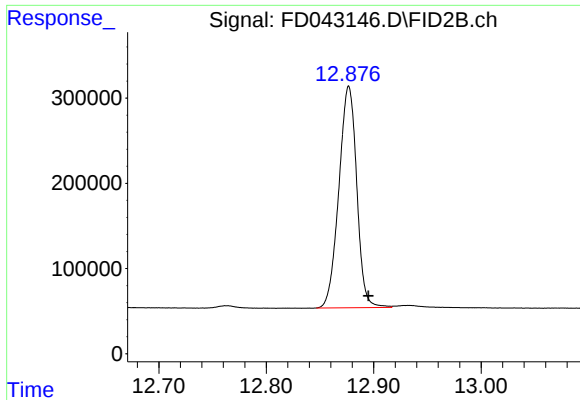
#11 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.017 min
Response: 3517179
Conc: 19.35 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.580 min
Delta R.T.: -0.018 min
Response: 3129731
Conc: 18.66 ug/ml



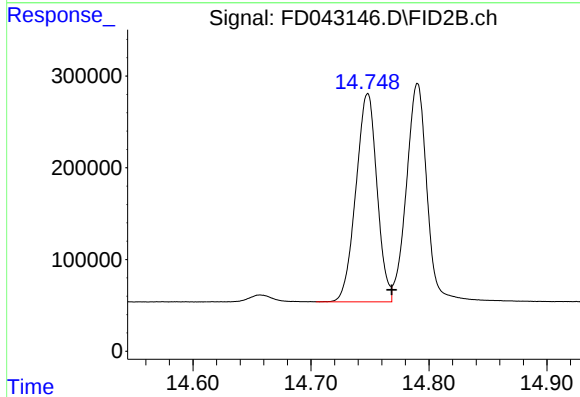
#13 Pyrene (C20.8)

R.T.: 12.876 min
Delta R.T.: -0.019 min
Response: 3004547
Conc: 18.44 ug/ml

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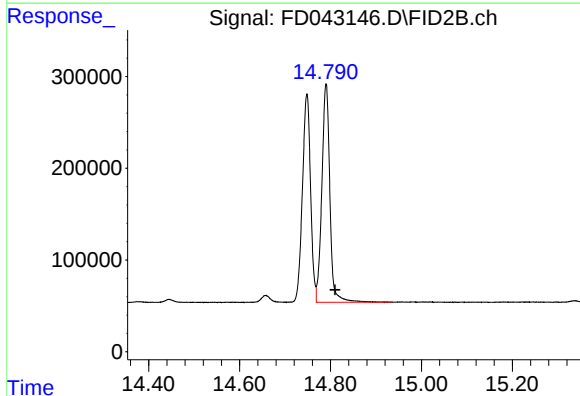
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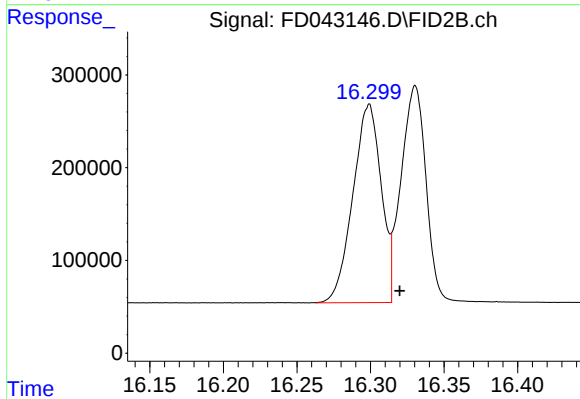
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.748 min
Delta R.T.: -0.021 min
Response: 2817972
Conc: 18.15 ug/ml



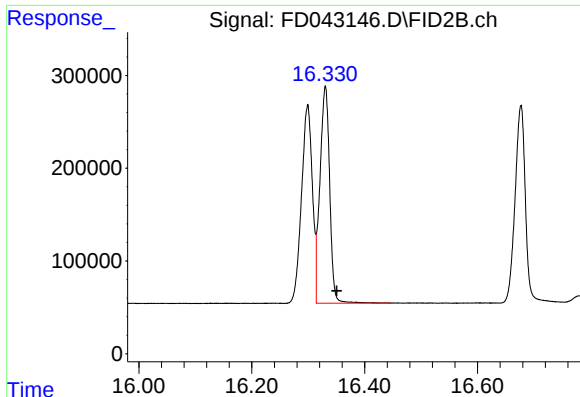
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: -0.020 min
Response: 2916585
Conc: 18.48 ug/ml



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

R.T.: 16.299 min
Delta R.T.: -0.021 min
Response: 2887152
Conc: 18.94 ug/ml m



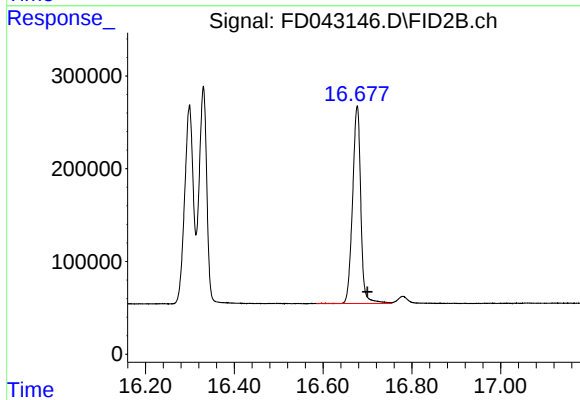
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.330 min
Delta R.T.: -0.020 min
Response: 2801434
Conc: 19.14 ug/ml

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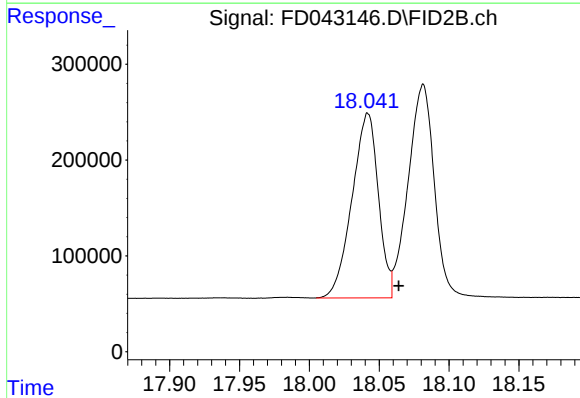
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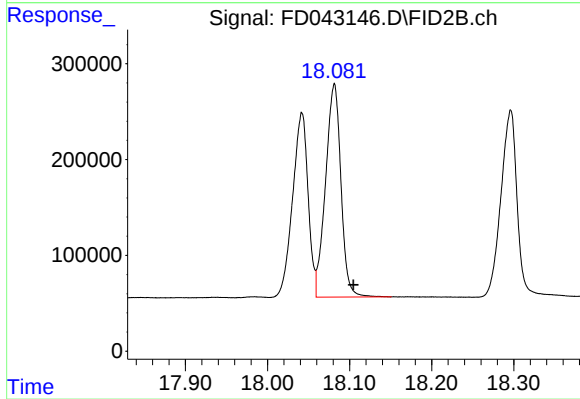
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.677 min
Delta R.T.: -0.023 min
Response: 2737889
Conc: 19.14 ug/ml



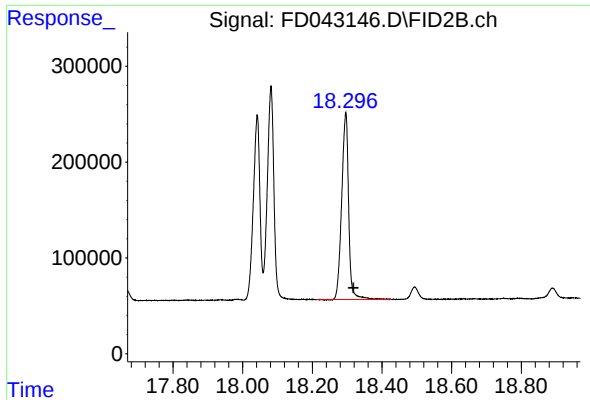
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.041 min
Delta R.T.: -0.023 min
Response: 2533483
Conc: 20.25 ug/ml m



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

R.T.: 18.081 min
Delta R.T.: -0.024 min
Response: 2903838
Conc: 21.60 ug/ml



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

R.T.: 18.296 min
Delta R.T.: -0.023 min
Response: 2712983
Conc: 20.80 ug/ml

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