

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102822AR\
 Data File : FD044304.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2022 17:24
 Operator : YP/AJ
 Sample : N5219-01MSD
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 BACKYARD-SURFACE-AMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: sample.E
 Quant Time: Oct 29 06:42:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101322.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 14 01:33:37 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...	7.410	5725110	46.112 ug/mlm
Spiked Amount 50.000		Recovery =	92.22%
6) S 2-Fluorobiphenyl (SURR)	8.267	3624605	48.136 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.27%
11) S ortho-Terphenyl (SURR)	11.292	4429783	26.171 ug/ml
Spiked Amount 50.000		Recovery =	52.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.223	4647506	32.926 ug/mlm
2) T Naphthalene (C11.7)	5.753	5165028	37.675 ug/ml
3) T 2-Methylnaphthalene (...)	6.798	5055277	35.661 ug/ml
5) T Acenaphthylene (C15.06)	8.066	5390445	38.425 ug/mlm
7) T Acenaphthene (C15.5)	8.359	6130203	39.421 ug/ml
8) T Flouorene (C16.55)	9.139	5524515	39.270 ug/ml
9) T Phenanthrene (C19.36)	10.531	5619006	41.724 ug/ml
10) T Anthracene (C19.43)	10.607	5596170	41.648 ug/ml
12) T Fluoranthene (C21.85)	12.336	5501499	41.194 ug/ml
13) T Pyrene (C20.8)	12.630	4869492	38.552 ug/ml
14) T Benzo[a]anthracene (C...	14.501	4721415	44.450 ug/ml
15) T Chrysene (C27.41)	14.542	5751748	43.877 ug/ml
16) T benzo[b]fluoranthene ...	16.048	4857401	43.282 ug/ml
17) T Bnezo[k]fluoranthene ...	16.079	5169269	40.630 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.426	3868646	33.293 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.791	4356392	40.863 ug/mlm
20) T Dibenz[a,h]anthracene...	17.824	4791371	38.729 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.041	4710982	40.128 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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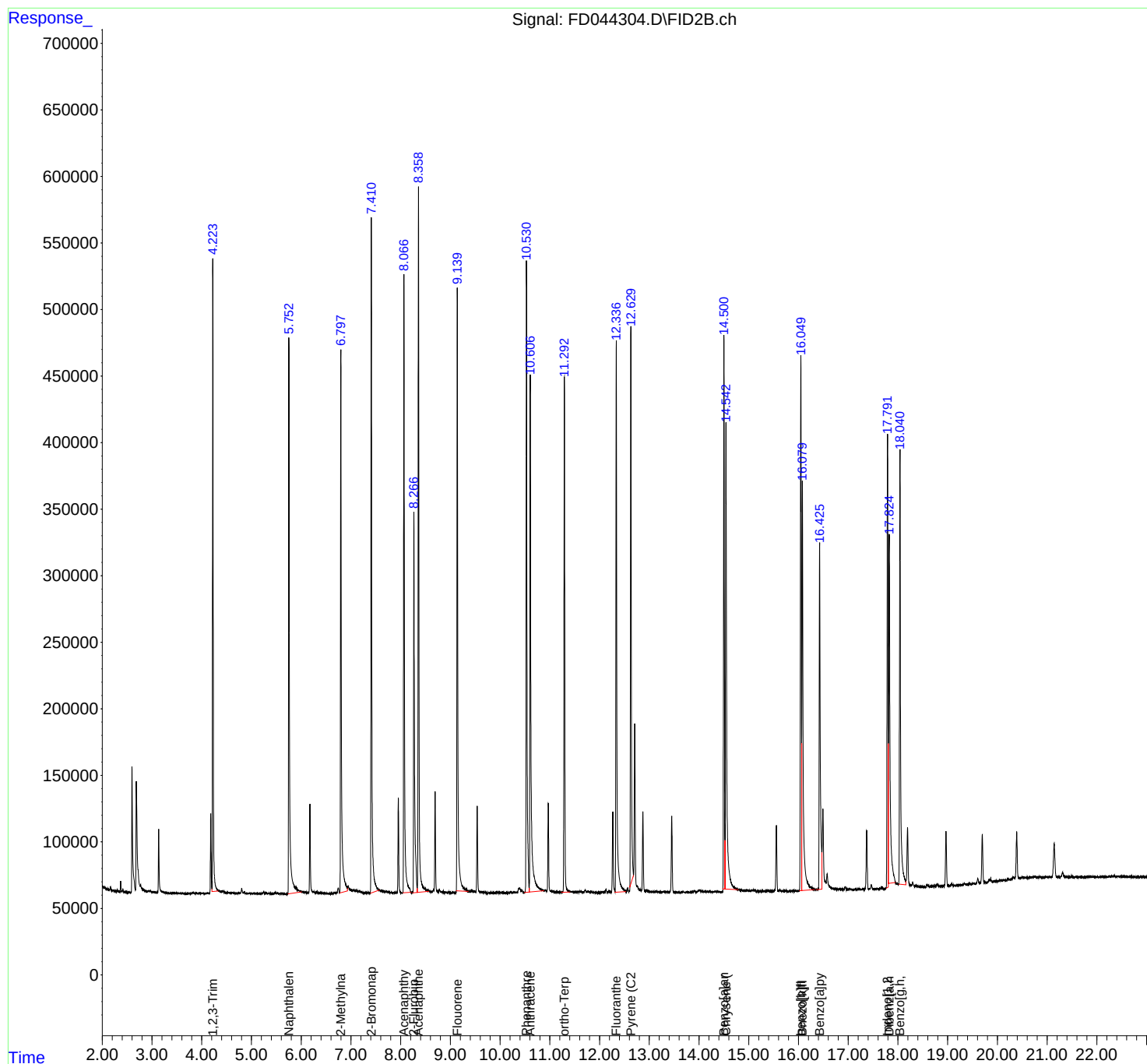
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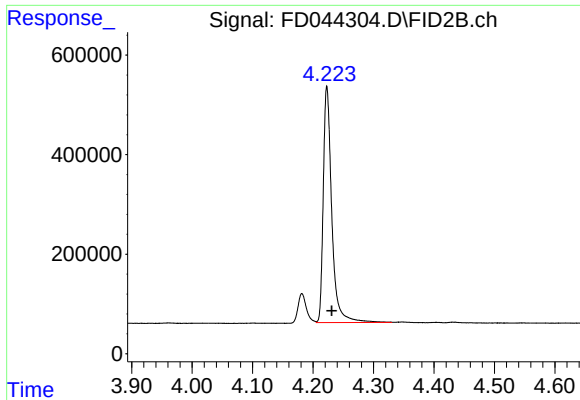
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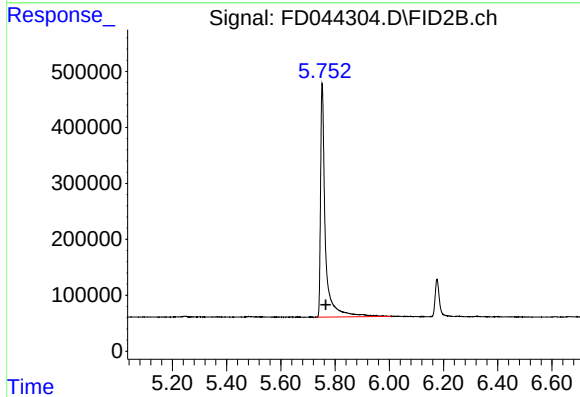
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.223 min
Delta R.T.: -0.008 min
Response: 4647506
Conc: 32.93 ug/ml

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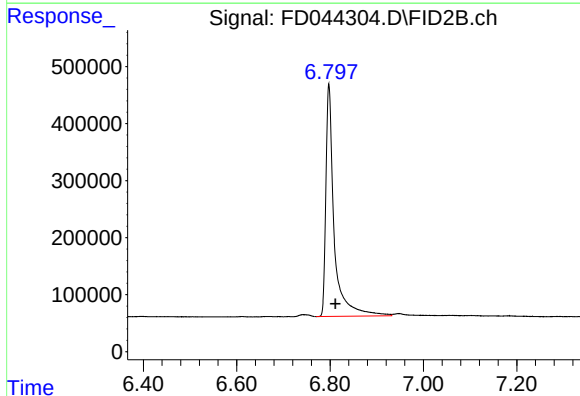
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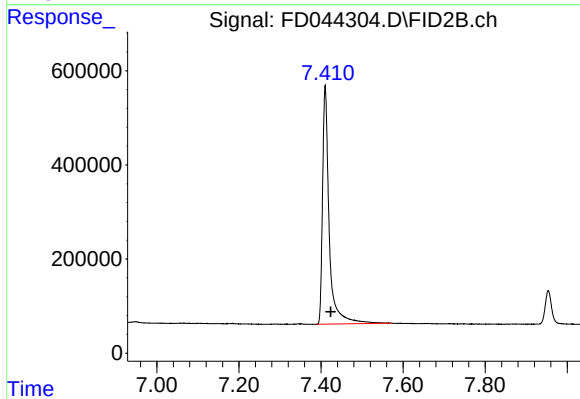
#2 Naphthalene (C11.7)

R.T.: 5.753 min
Delta R.T.: -0.013 min
Response: 5165028
Conc: 37.68 ug/ml



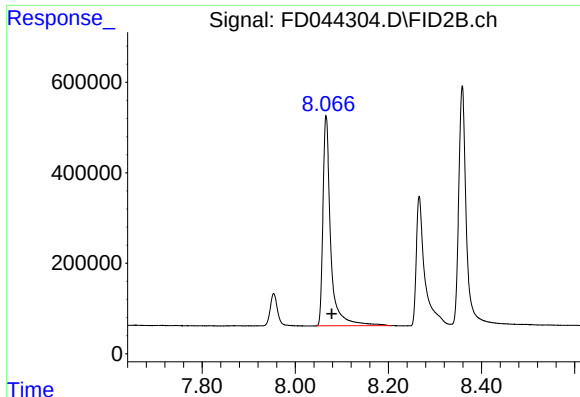
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.798 min
Delta R.T.: -0.013 min
Response: 5055277
Conc: 35.66 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.410 min
Delta R.T.: -0.014 min
Response: 5725110
Conc: 46.11 ug/ml m



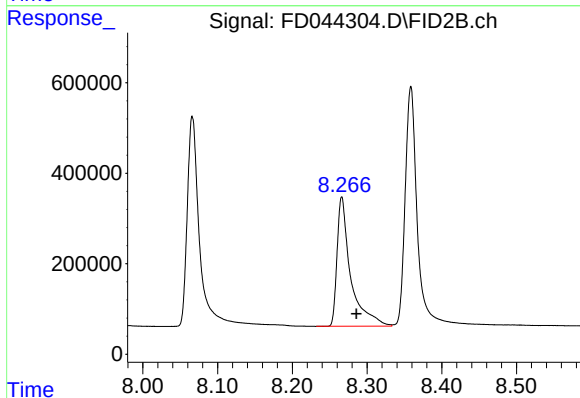
#5 Acenaphthylene (C15.06)

R.T.: 8.066 min
Delta R.T.: -0.013 min
Response: 5390445
Conc: 38.43 ug/ml

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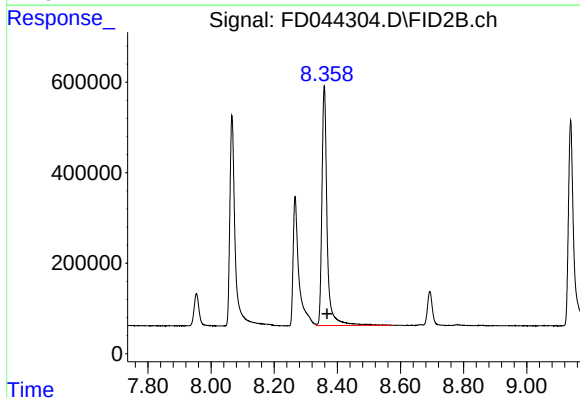
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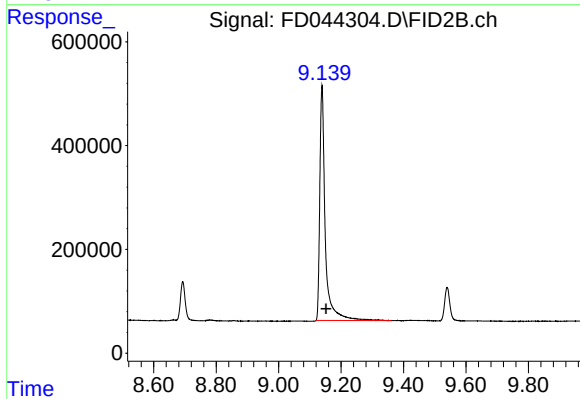
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.267 min
Delta R.T.: -0.019 min
Response: 3624605
Conc: 48.14 ug/ml



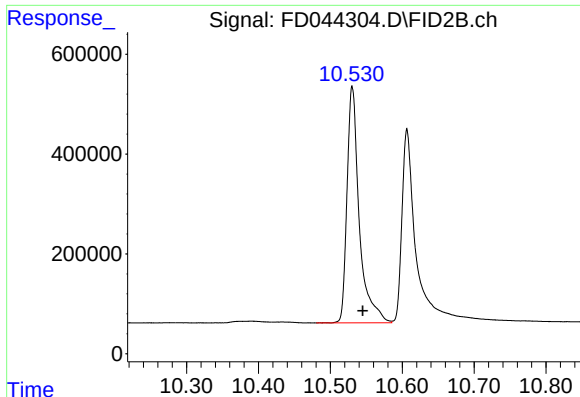
#7 Acenaphthene (C15.5)

R.T.: 8.359 min
Delta R.T.: -0.009 min
Response: 6130203
Conc: 39.42 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.139 min
Delta R.T.: -0.013 min
Response: 5524515
Conc: 39.27 ug/ml



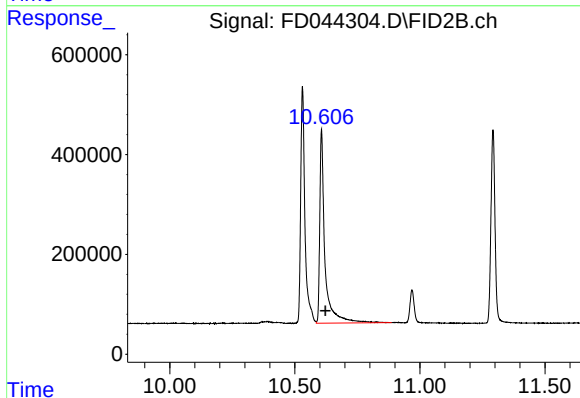
#9 Phenanthrene (C19.36)

R.T.: 10.531 min
Delta R.T.: -0.015 min
Response: 5619006
Conc: 41.72 ug/ml

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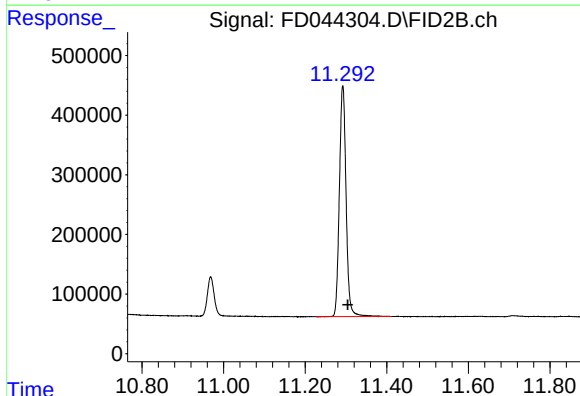
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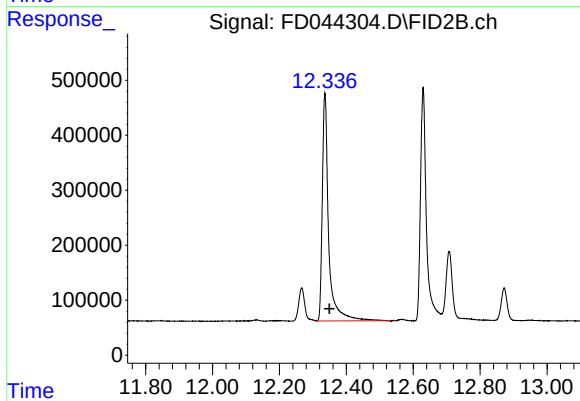
#10 Anthracene (C19.43)

R.T.: 10.607 min
Delta R.T.: -0.015 min
Response: 5596170
Conc: 41.65 ug/ml



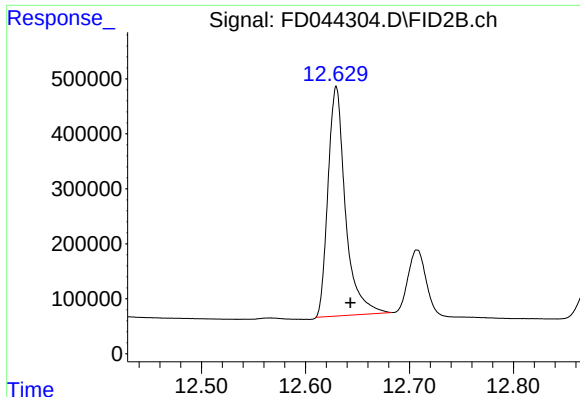
#11 ortho-Terphenyl (SURR)

R.T.: 11.292 min
Delta R.T.: -0.012 min
Response: 4429783
Conc: 26.17 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.336 min
Delta R.T.: -0.013 min
Response: 5501499
Conc: 41.19 ug/ml



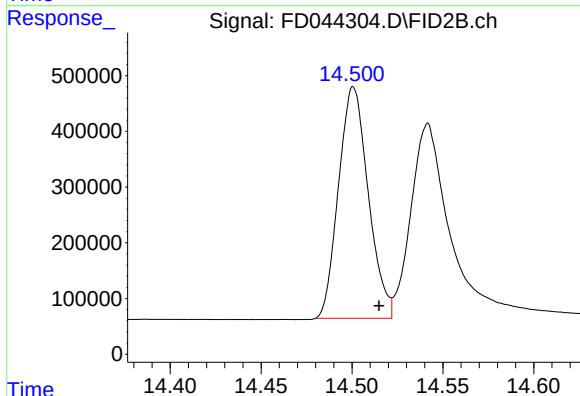
#13 Pyrene (C20.8)

R.T.: 12.630 min
Delta R.T.: -0.014 min
Response: 4869492
Conc: 38.55 ug/ml

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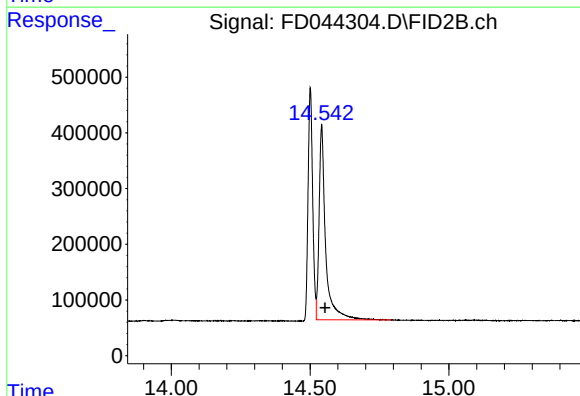
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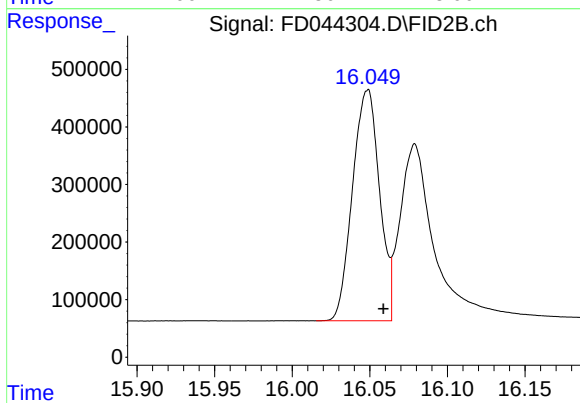
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.501 min
Delta R.T.: -0.014 min
Response: 4721415
Conc: 44.45 ug/ml



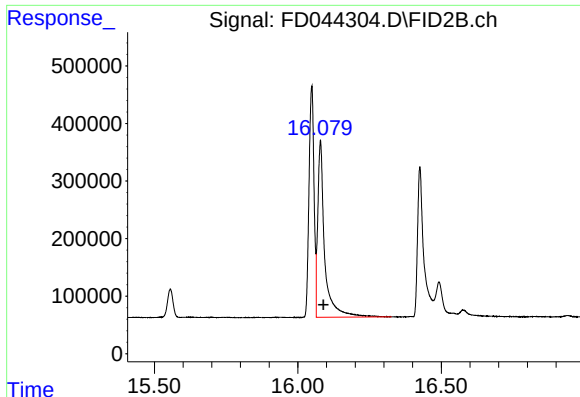
#15 Chrysene (C27.41)

R.T.: 14.542 min
Delta R.T.: -0.013 min
Response: 5751748
Conc: 43.88 ug/ml



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

R.T.: 16.048 min
Delta R.T.: -0.010 min
Response: 4857401
Conc: 43.28 ug/ml



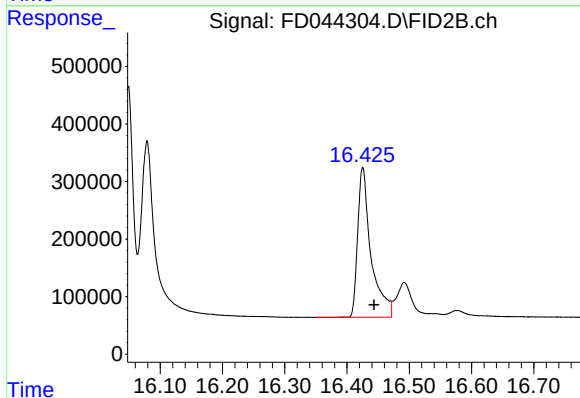
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.079 min
Delta R.T.: -0.010 min
Response: 5169269
Conc: 40.63 ug/ml

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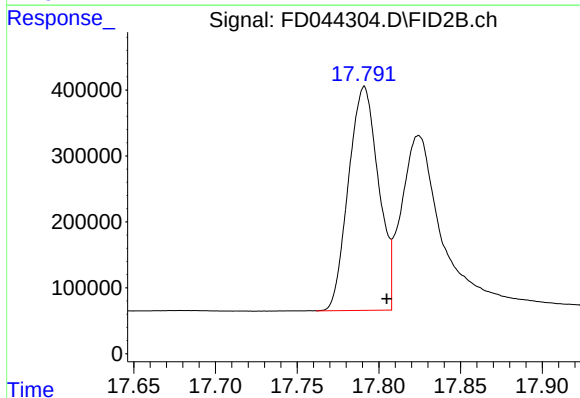
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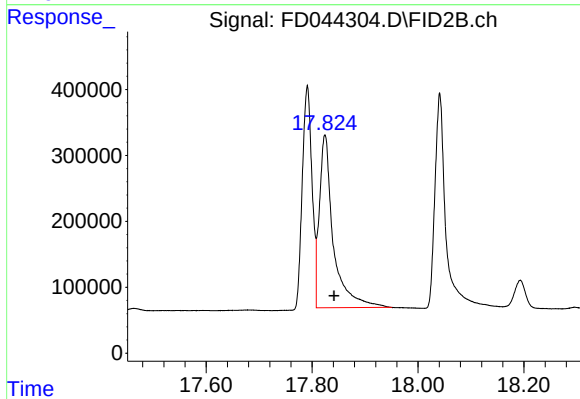
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.426 min
Delta R.T.: -0.018 min
Response: 3868646
Conc: 33.29 ug/ml



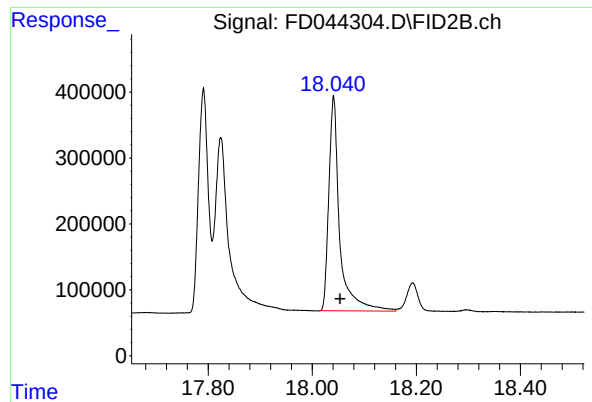
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.791 min
Delta R.T.: -0.014 min
Response: 4356392
Conc: 40.86 ug/ml m



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

R.T.: 17.824 min
Delta R.T.: -0.018 min
Response: 4791371
Conc: 38.73 ug/ml m



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

R.T.: 18.041 min
Delta R.T.: -0.013 min
Response: 4710982
Conc: 40.13 ug/ml

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