

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102822AR\
 Data File : FD044314.D
 Signal(s) : FID2B.ch
 Acq On : 29 Oct 2022 00:23
 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 10/31/2022
 Supervised By :Ankita Jodhani 10/31/2022

Integration File: sample.E
 Quant Time: Oct 29 06:43:50 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...	7.415	2626900	21.158 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
6) S 2-Fluorobiphenyl (SURR)	8.276	1391064	18.474 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.95%
11) S ortho-Terphenyl (SURR)	11.292	3583322	21.171 ug/ml
Spiked Amount 50.000		Recovery =	42.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.223	3018547	21.386 ug/ml
2) T Naphthalene (C11.7)	5.757	2898314	21.141 ug/ml
3) T 2-Methylnaphthalene (...)	6.802	2938497	20.729 ug/ml
5) T Acenaphthylene (C15.06)	8.070	2877545	20.512 ug/ml
7) T Acenaphthene (C15.5)	8.359	3404763	21.895 ug/ml
8) T Flouorene (C16.55)	9.143	2885426	20.510 ug/ml
9) T Phenanthrene (C19.36)	10.534	2761728	20.507 ug/ml
10) T Anthracene (C19.43)	10.616	2253819	16.773 ug/ml
12) T Fluoranthene (C21.85)	12.339	2838432	21.254 ug/ml
13) T Pyrene (C20.8)	12.632	2401461	19.012 ug/ml
14) T Benzo[a]anthracene (C...	14.502	2200115	20.713 ug/ml
15) T Chrysene (C27.41)	14.545	3035641	23.157 ug/ml
16) T benzo[b]fluoranthene ...	16.048	2424179	21.601 ug/ml
17) T Bnezo[k]fluoranthene ...	16.081	2927366	23.009 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.433	1859442	16.002 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.793	2215756	20.784 ug/mlm
20) T Dibenz[a,h]anthracene...	17.829	2518343	20.356 ug/ml
21) T Benzo[g,h,i]perylene ...	18.041	2425074	20.657 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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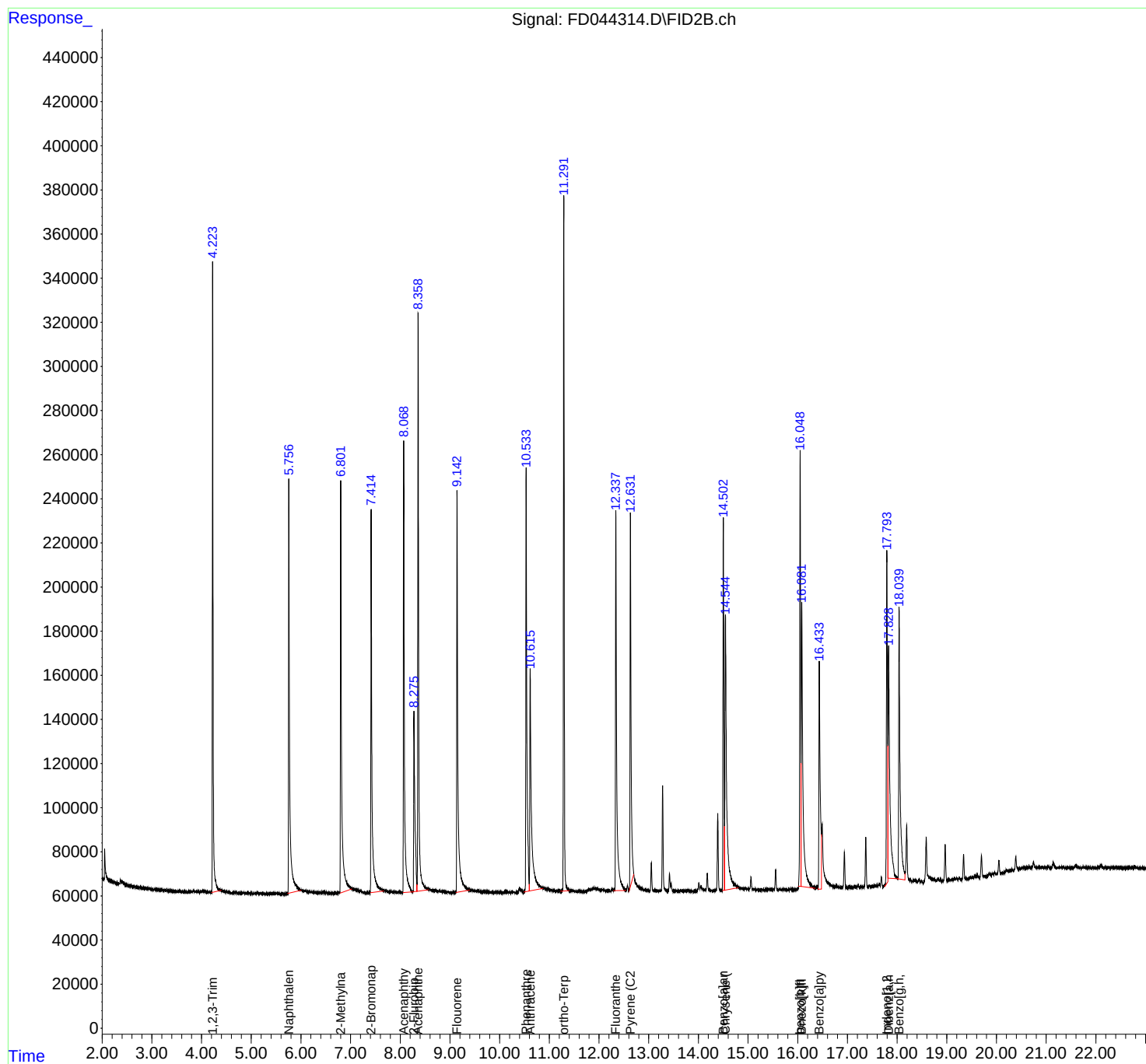
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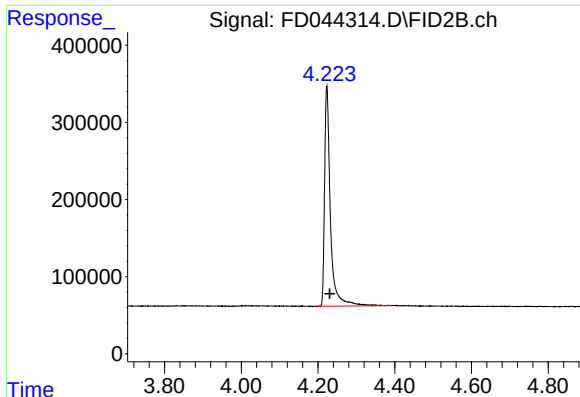
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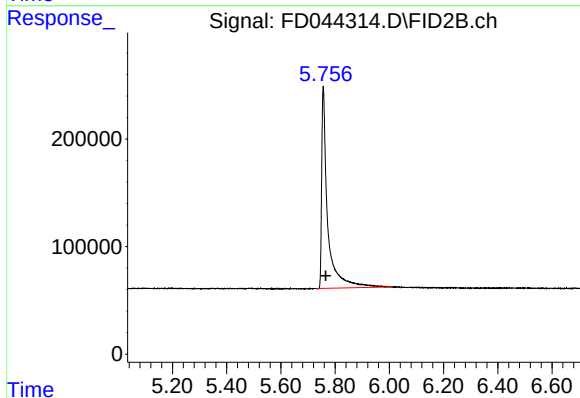
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.223 min
Delta R.T.: -0.008 min
Response: 3018547
Conc: 21.39 ug/ml

Instrument :
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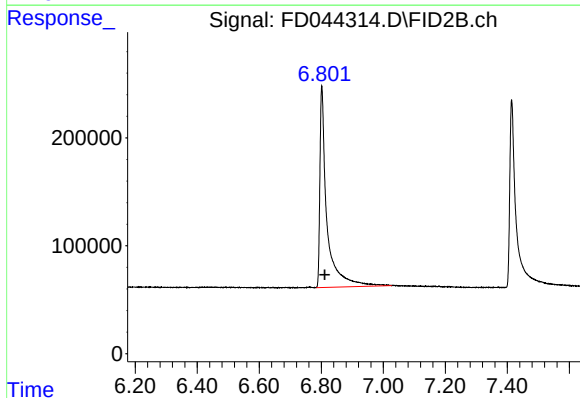
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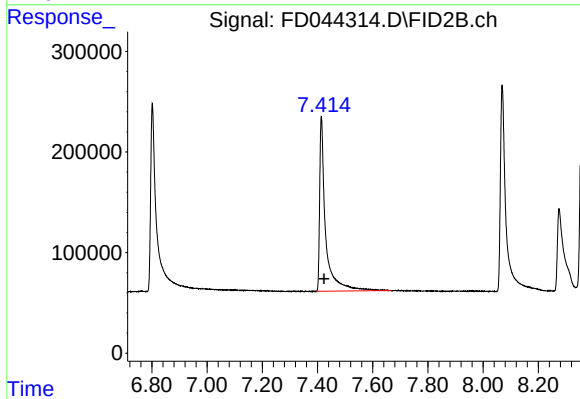
#2 Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: -0.009 min
Response: 2898314
Conc: 21.14 ug/ml



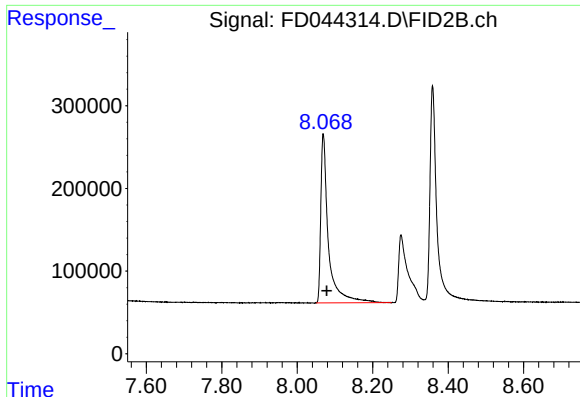
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: -0.009 min
Response: 2938497
Conc: 20.73 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.415 min
Delta R.T.: -0.009 min
Response: 2626900
Conc: 21.16 ug/ml



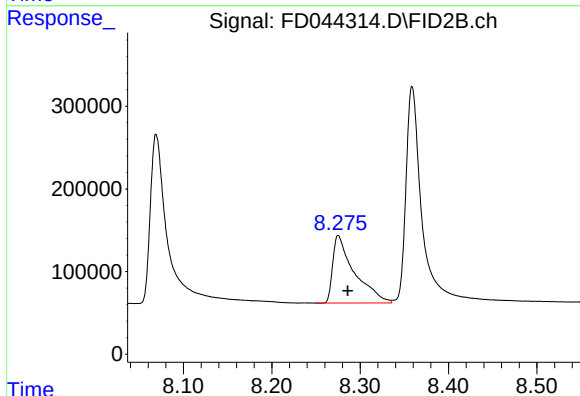
#5 Acenaphthylene (C15.06)

R.T.: 8.070 min
Delta R.T.: -0.009 min
Response: 2877545
Conc: 20.51 ug/ml

Instrument :
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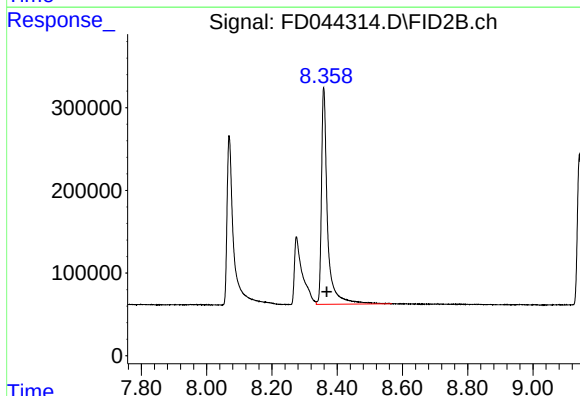
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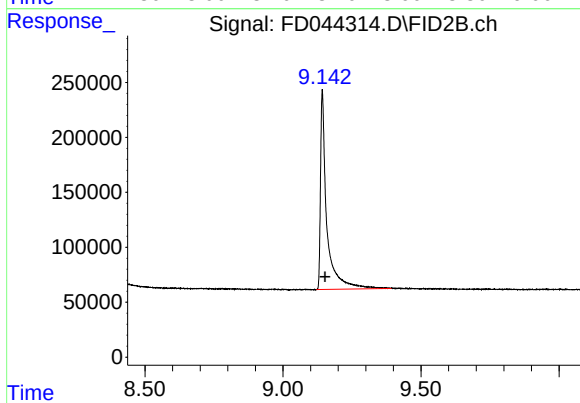
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.276 min
Delta R.T.: -0.010 min
Response: 1391064
Conc: 18.47 ug/ml



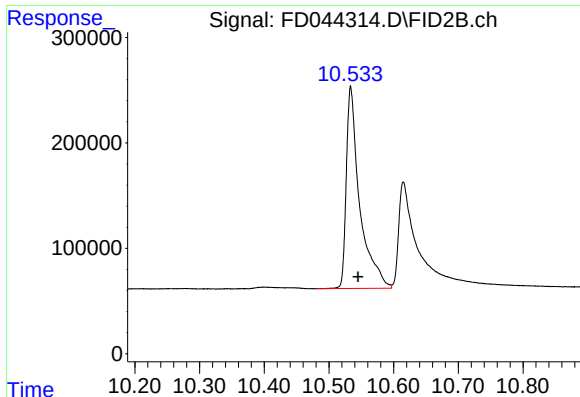
#7 Acenaphthene (C15.5)

R.T.: 8.359 min
Delta R.T.: -0.009 min
Response: 3404763
Conc: 21.89 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.143 min
Delta R.T.: -0.009 min
Response: 2885426
Conc: 20.51 ug/ml



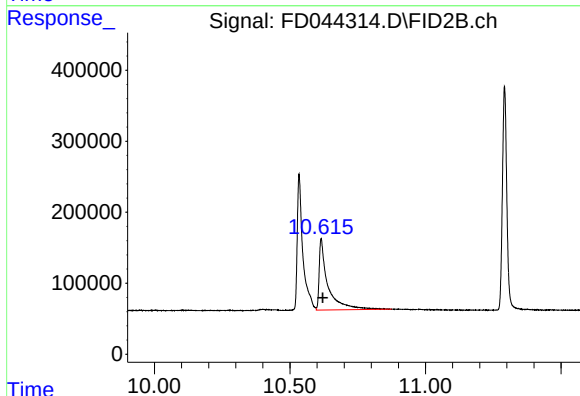
#9 Phenanthrene (C19.36)

R.T.: 10.534 min
Delta R.T.: -0.011 min
Response: 2761728
Conc: 20.51 ug/ml

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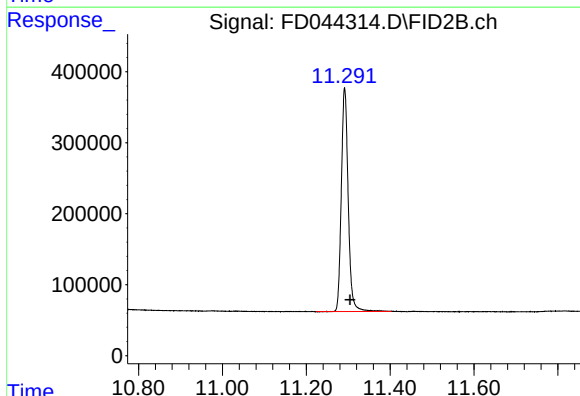
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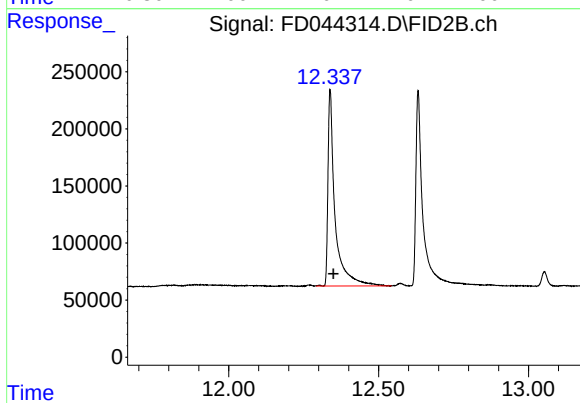
#10 Anthracene (C19.43)

R.T.: 10.616 min
Delta R.T.: -0.006 min
Response: 2253819
Conc: 16.77 ug/ml



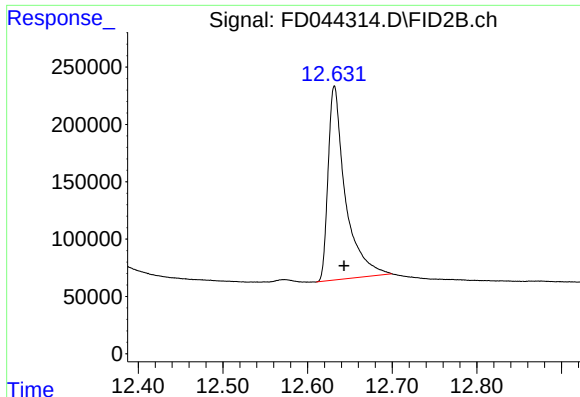
#11 ortho-Terphenyl (SURR)

R.T.: 11.292 min
Delta R.T.: -0.013 min
Response: 3583322
Conc: 21.17 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.339 min
Delta R.T.: -0.010 min
Response: 2838432
Conc: 21.25 ug/ml



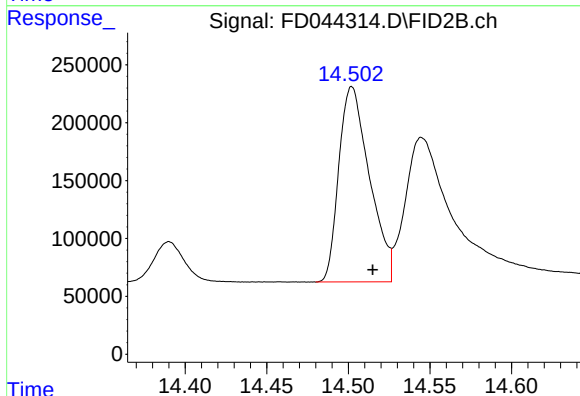
#13 Pyrene (C20.8)

R.T.: 12.632 min
Delta R.T.: -0.011 min
Response: 2401461
Conc: 19.01 ug/ml

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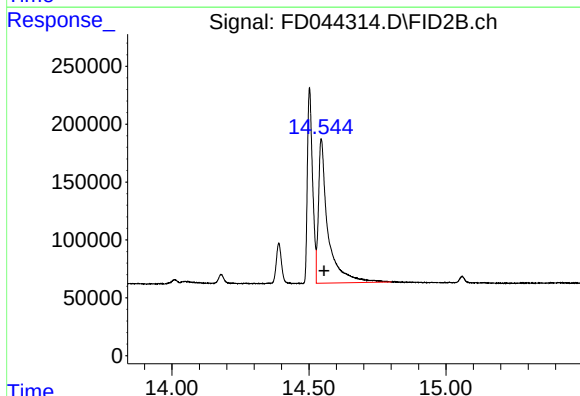
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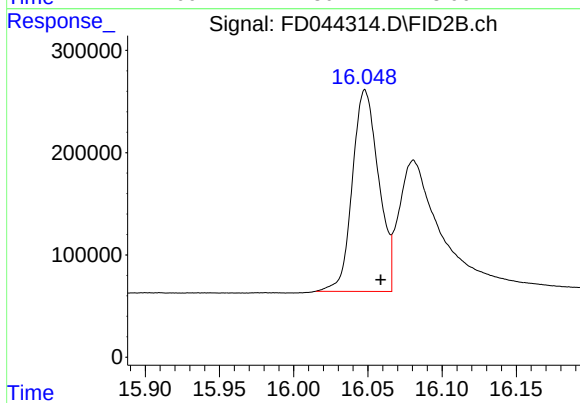
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.502 min
Delta R.T.: -0.013 min
Response: 2200115
Conc: 20.71 ug/ml



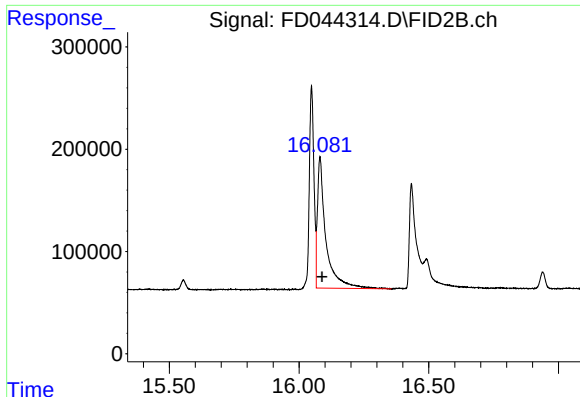
#15 Chrysene (C27.41)

R.T.: 14.545 min
Delta R.T.: -0.009 min
Response: 3035641
Conc: 23.16 ug/ml



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

R.T.: 16.048 min
Delta R.T.: -0.010 min
Response: 2424179
Conc: 21.60 ug/ml



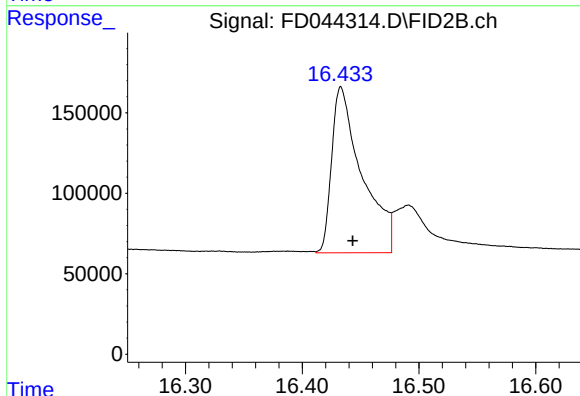
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.081 min
Delta R.T.: -0.008 min
Response: 2927366
Conc: 23.01 ug/ml

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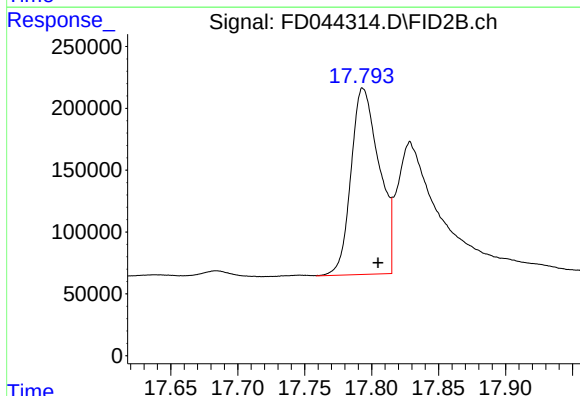
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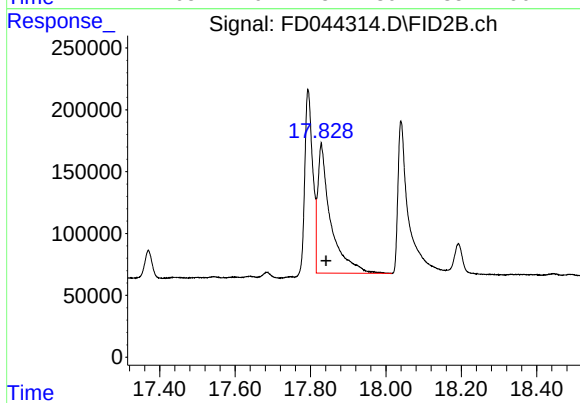
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.433 min
Delta R.T.: -0.011 min
Response: 1859442
Conc: 16.00 ug/ml m



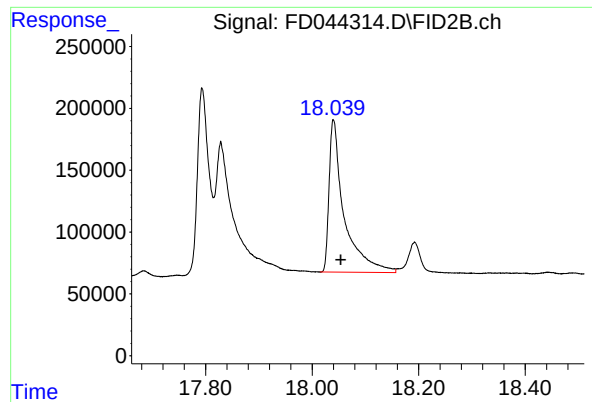
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.793 min
Delta R.T.: -0.012 min
Response: 2215756
Conc: 20.78 ug/ml m



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

R.T.: 17.829 min
Delta R.T.: -0.013 min
Response: 2518343
Conc: 20.36 ug/ml



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

R.T.: 18.041 min
Delta R.T.: -0.013 min
Response: 2425074
Conc: 20.66 ug/ml

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