

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110824AR\
 Data File : FD048669.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2024 11:28
 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 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File: sample.E
 Quant Time: Nov 09 01:06:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 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...	7.369	3098550	20.415 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
6) S 2-Fluorobiphenyl (SURR)	8.220	1934868	19.705 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.41%
11) S ortho-Terphenyl (SURR)	11.254	3424496	20.104 ug/ml
Spiked Amount 50.000		Recovery =	40.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.192	3574921	20.549 ug/ml
2) T Naphthalene (C11.7)	5.710	3616685	20.269 ug/ml
3) T 2-Methylnaphthalene (...)	6.756	3614399	20.207 ug/ml
5) T Acenaphthylene (C15.06)	8.021	3527770	20.091 ug/ml
7) T Acenaphthene (C15.5)	8.315	3619287	20.406 ug/ml
8) T Flouorene (C16.55)	9.095	3382730	20.012 ug/ml
9) T Phenanthrene (C19.36)	10.481	3283585	19.864 ug/ml
10) T Anthracene (C19.43)	10.557	3063883	19.160 ug/ml
12) T Fluoranthene (C21.85)	12.285	3267664	19.855 ug/mlm
13) T Pyrene (C20.8)	12.578	3311948	20.561 ug/ml
14) T Benzo[a]anthracene (C...	14.447	2876039	19.670 ug/mlm
15) T Chrysene (C27.41)	14.489	3271921	19.891 ug/ml
16) T benzo[b]fluoranthene ...	15.994	3157725	20.771 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.024	3132084	20.838 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.370	3080581	20.470 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.734	2403612	18.422 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	3159658	19.416 ug/ml
21) T Benzo[g,h,i]perylene ...	17.983	3134365	20.474 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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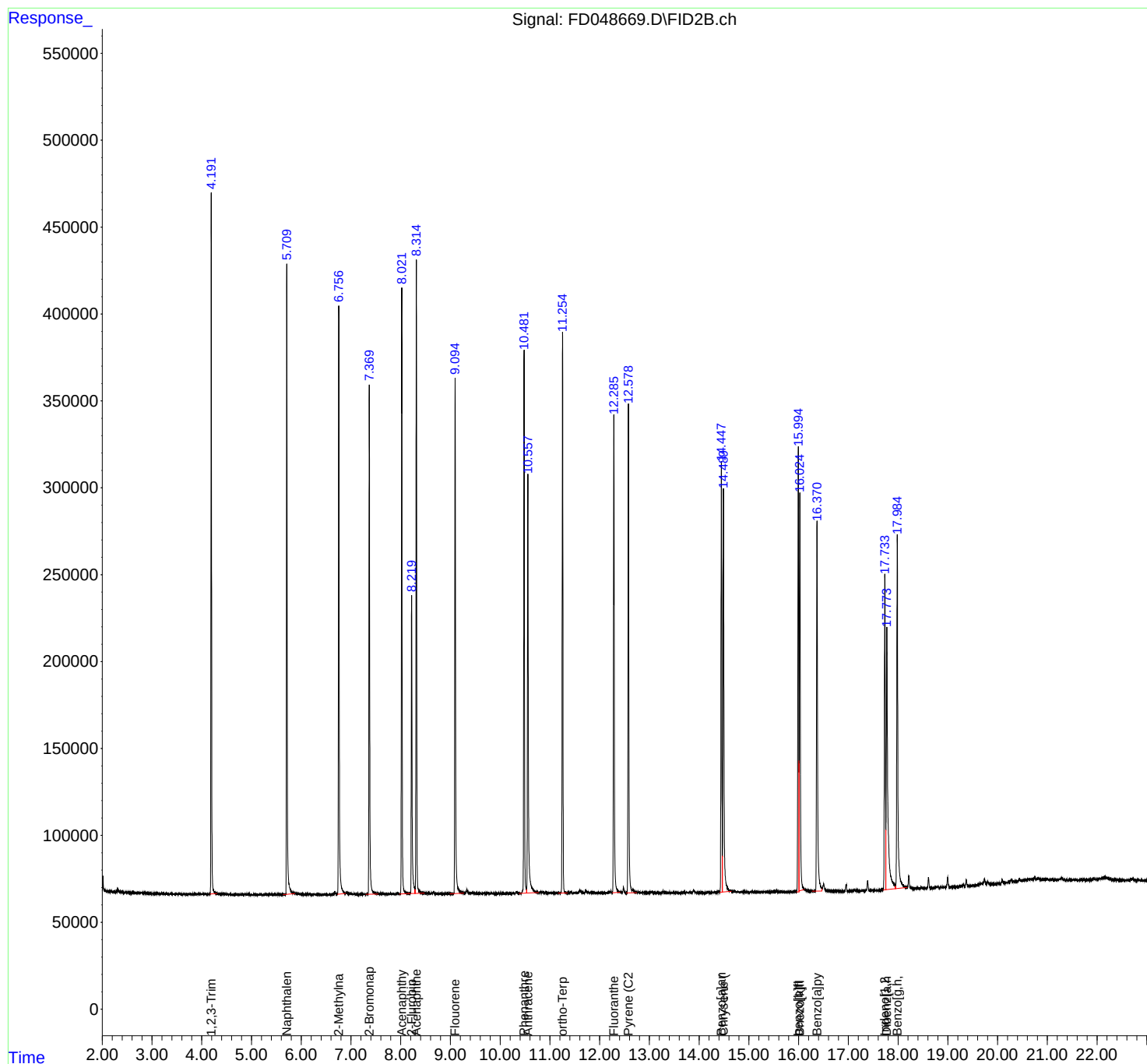
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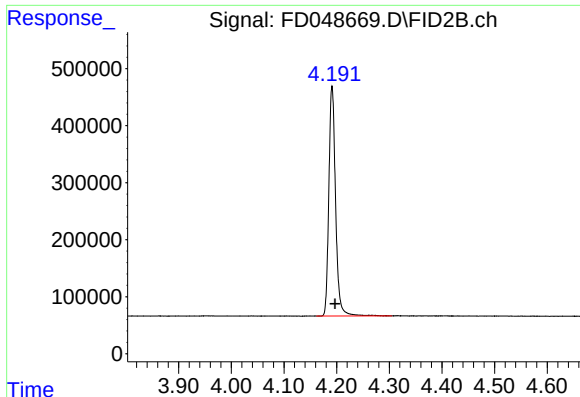
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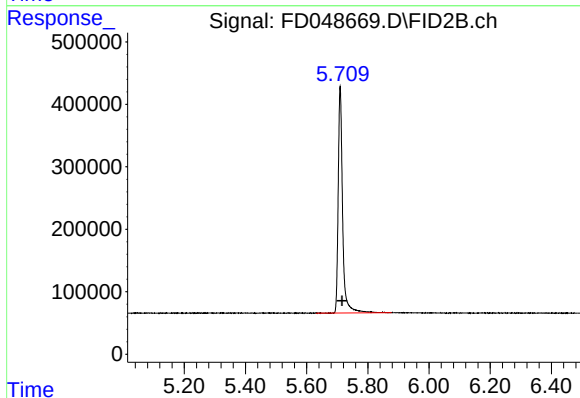
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.192 min
Delta R.T.: -0.005 min
Response: 3574921
Conc: 20.55 ug/ml

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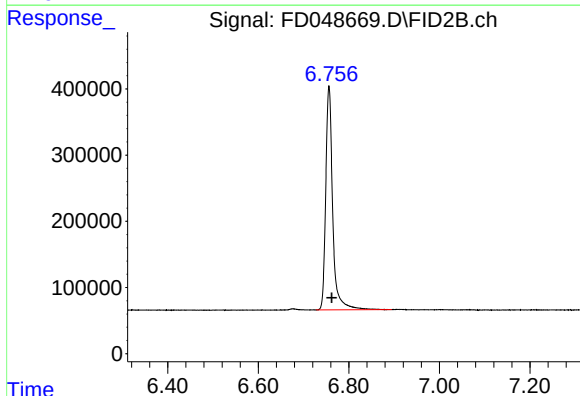
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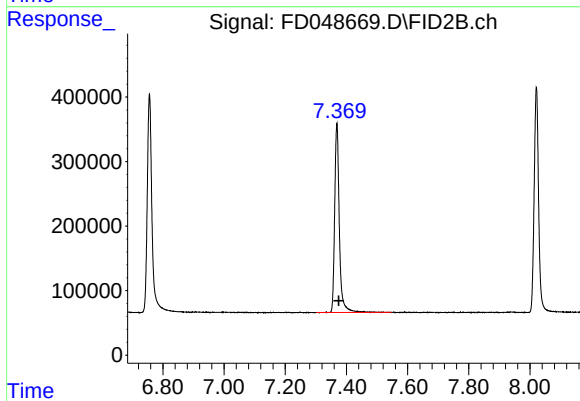
#2 Naphthalene (C11.7)

R.T.: 5.710 min
Delta R.T.: -0.006 min
Response: 3616685
Conc: 20.27 ug/ml



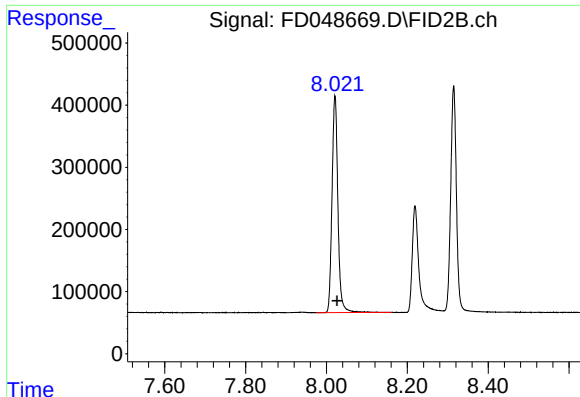
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.756 min
Delta R.T.: -0.006 min
Response: 3614399
Conc: 20.21 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.369 min
Delta R.T.: -0.006 min
Response: 3098550
Conc: 20.41 ug/ml



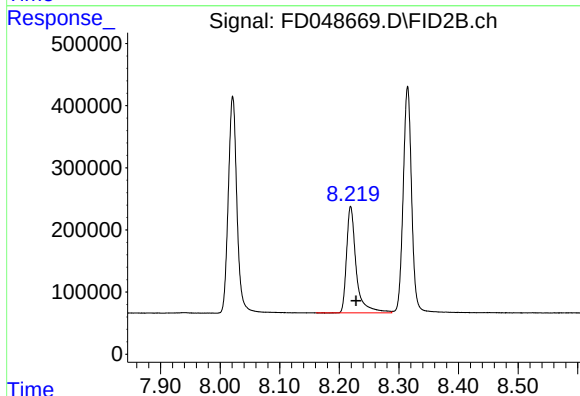
#5 Acenaphthylene (C15.06)

R.T.: 8.021 min
Delta R.T.: -0.005 min
Response: 3527770
Conc: 20.09 ug/ml

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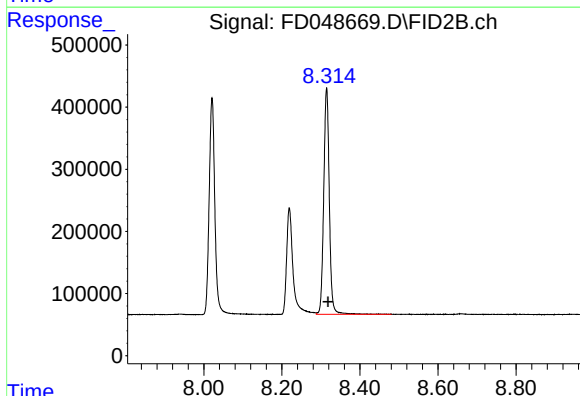
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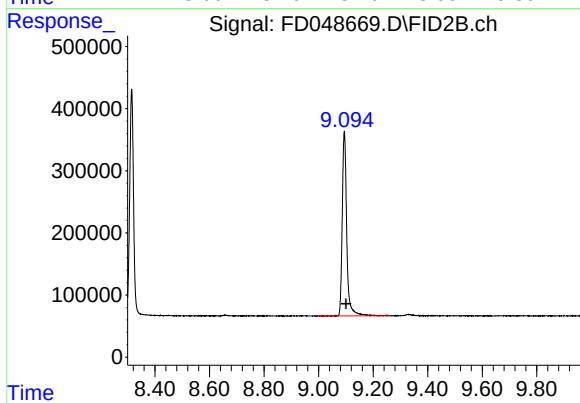
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.220 min
Delta R.T.: -0.008 min
Response: 1934868
Conc: 19.70 ug/ml



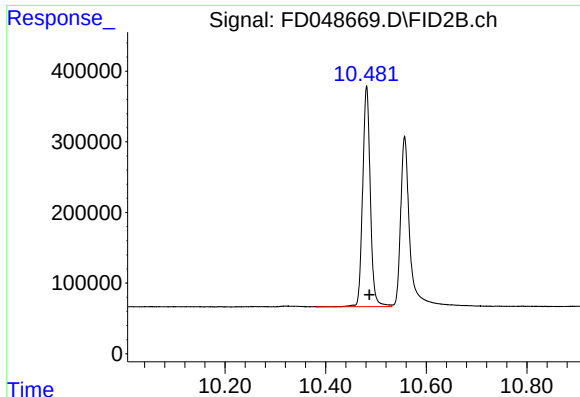
#7 Acenaphthene (C15.5)

R.T.: 8.315 min
Delta R.T.: -0.004 min
Response: 3619287
Conc: 20.41 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.095 min
Delta R.T.: -0.006 min
Response: 3382730
Conc: 20.01 ug/ml



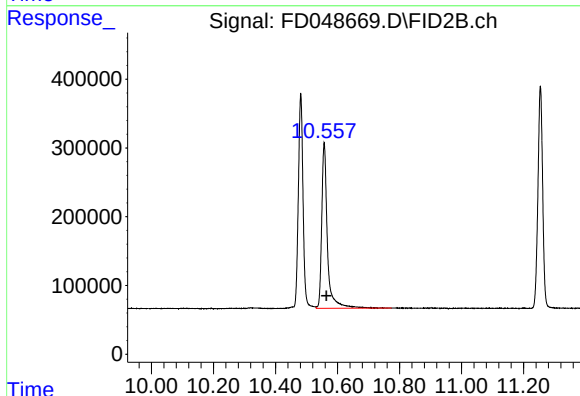
#9 Phenanthrene (C19.36)

R.T.: 10.481 min
Delta R.T.: -0.006 min
Response: 3283585
Conc: 19.86 ug/ml

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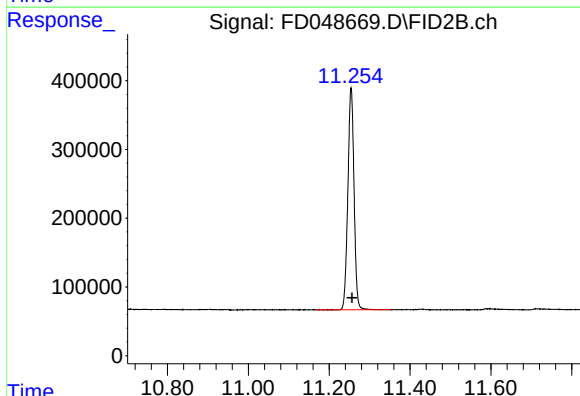
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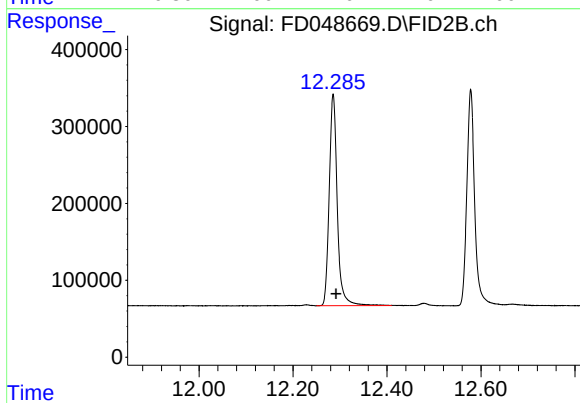
#10 Anthracene (C19.43)

R.T.: 10.557 min
Delta R.T.: -0.007 min
Response: 3063883
Conc: 19.16 ug/ml



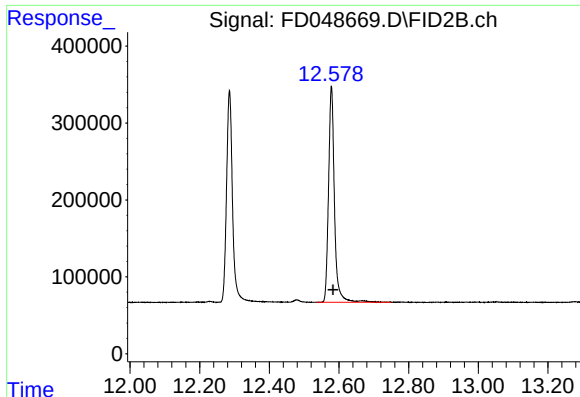
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: -0.003 min
Response: 3424496
Conc: 20.10 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.285 min
Delta R.T.: -0.006 min
Response: 3267664
Conc: 19.85 ug/ml m



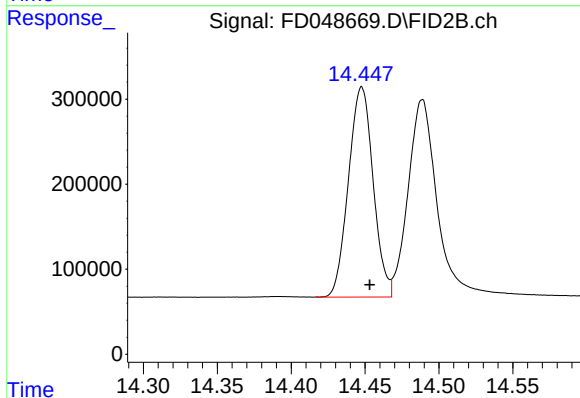
#13 Pyrene (C20.8)

R.T.: 12.578 min
Delta R.T.: -0.005 min
Response: 3311948
Conc: 20.56 ug/ml

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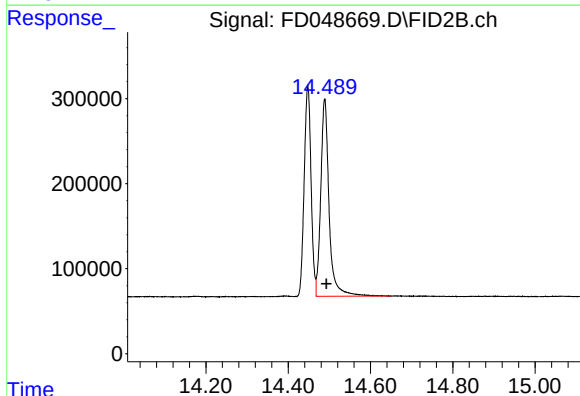
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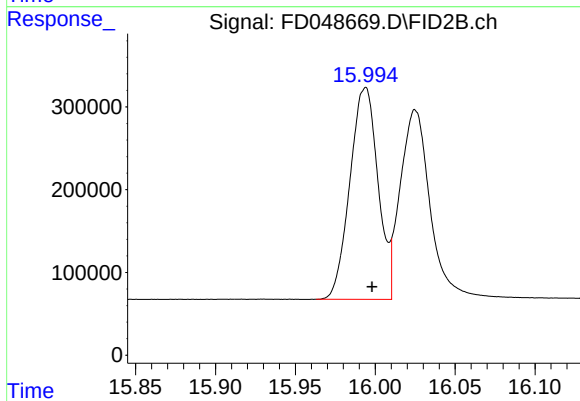
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.447 min
Delta R.T.: -0.006 min
Response: 2876039
Conc: 19.67 ug/ml m



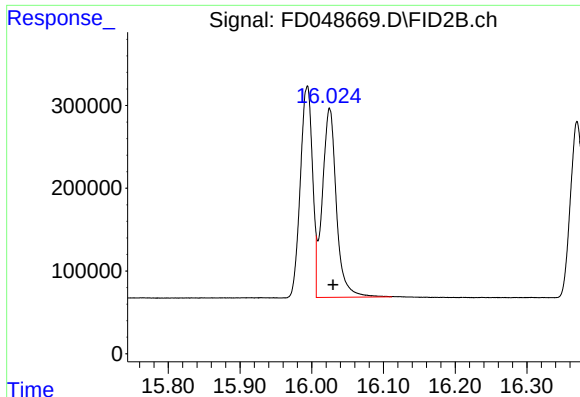
#15 Chrysene (C27.41)

R.T.: 14.489 min
Delta R.T.: -0.005 min
Response: 3271921
Conc: 19.89 ug/ml



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

R.T.: 15.994 min
Delta R.T.: -0.004 min
Response: 3157725
Conc: 20.77 ug/ml m



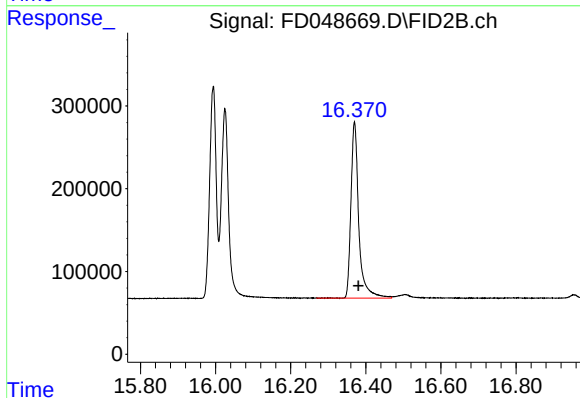
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.024 min
Delta R.T.: -0.005 min
Response: 3132084
Conc: 20.84 ug/ml

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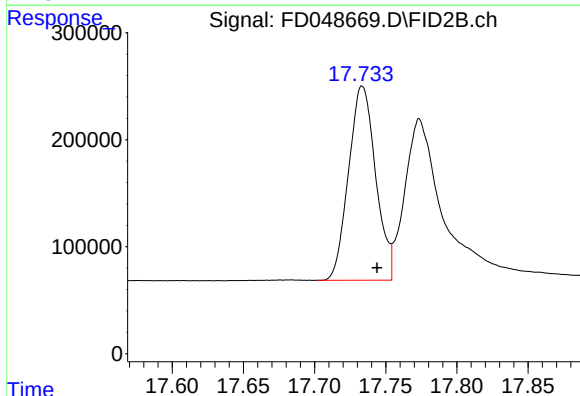
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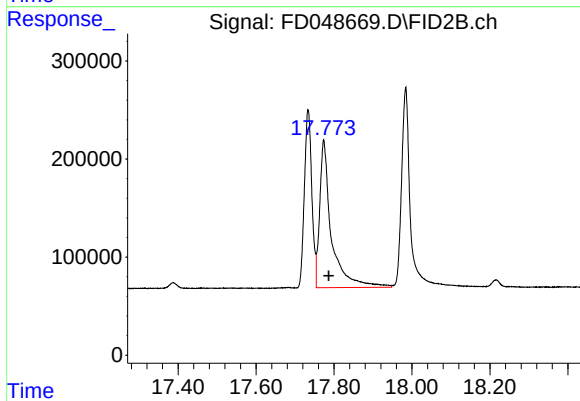
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.370 min
Delta R.T.: -0.011 min
Response: 3080581
Conc: 20.47 ug/ml



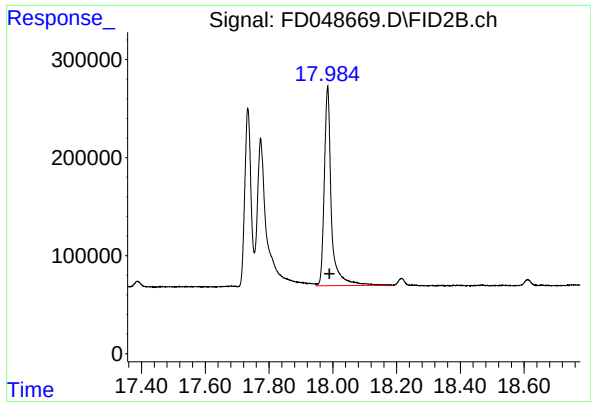
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.734 min
Delta R.T.: -0.010 min
Response: 2403612
Conc: 18.42 ug/ml



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

R.T.: 17.774 min
Delta R.T.: -0.012 min
Response: 3159658
Conc: 19.42 ug/ml



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

R.T.: 17.983 min
Delta R.T.: -0.006 min
Response: 3134365
Conc: 20.47 ug/ml

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