

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061324AR\
 Data File : FD047931.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2024 06:35
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2024
 Supervised By :Ankita Jodhani 06/14/2024

Integration File: autoint1.e
 Quant Time: Jun 14 04:49:58 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 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...	7.426	3198627	22.784 ug/ml
Spiked Amount 50.000		Recovery =	45.57%
6) S 2-Fluorobiphenyl (SURR)	8.278	2088499	22.551 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.10%
11) S ortho-Terphenyl (SURR)	11.316	3581859	22.403 ug/ml
Spiked Amount 50.000		Recovery =	44.81%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.244	3550949	22.483 ug/ml
2) T Naphthalene (C11.7)	5.766	3722890	22.808 ug/ml
3) T 2-Methylnaphthalene (...)	6.814	3767097	22.861 ug/ml
5) T Acenaphthylene (C15.06)	8.081	3678935	22.509 ug/ml
7) T Acenaphthene (C15.5)	8.376	3696621	22.640 ug/ml
8) T Flouorene (C16.55)	9.155	3534522	22.468 ug/ml
9) T Phenanthrene (C19.36)	10.543	3471928	22.515 ug/ml
10) T Anthracene (C19.43)	10.618	3394128	22.577 ug/ml
12) T Fluoranthene (C21.85)	12.348	3423019	22.556 ug/ml
13) T Pyrene (C20.8)	12.641	3365912	22.327 ug/ml
14) T Benzo[a]anthracene (C...	14.510	3125699	22.801 ug/mlm
15) T Chrysene (C27.41)	14.552	3350597	22.744 ug/ml
16) T benzo[b]fluoranthene ...	16.057	3243789	23.048 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.089	3153971	23.160 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.433	3110286	22.470 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.797	2687621	23.314 ug/mlm
20) T Dibenz[a,h]anthracene...	17.836	3206351	24.045 ug/ml
21) T Benzo[g,h,i]perylene ...	18.048	3162571	23.781 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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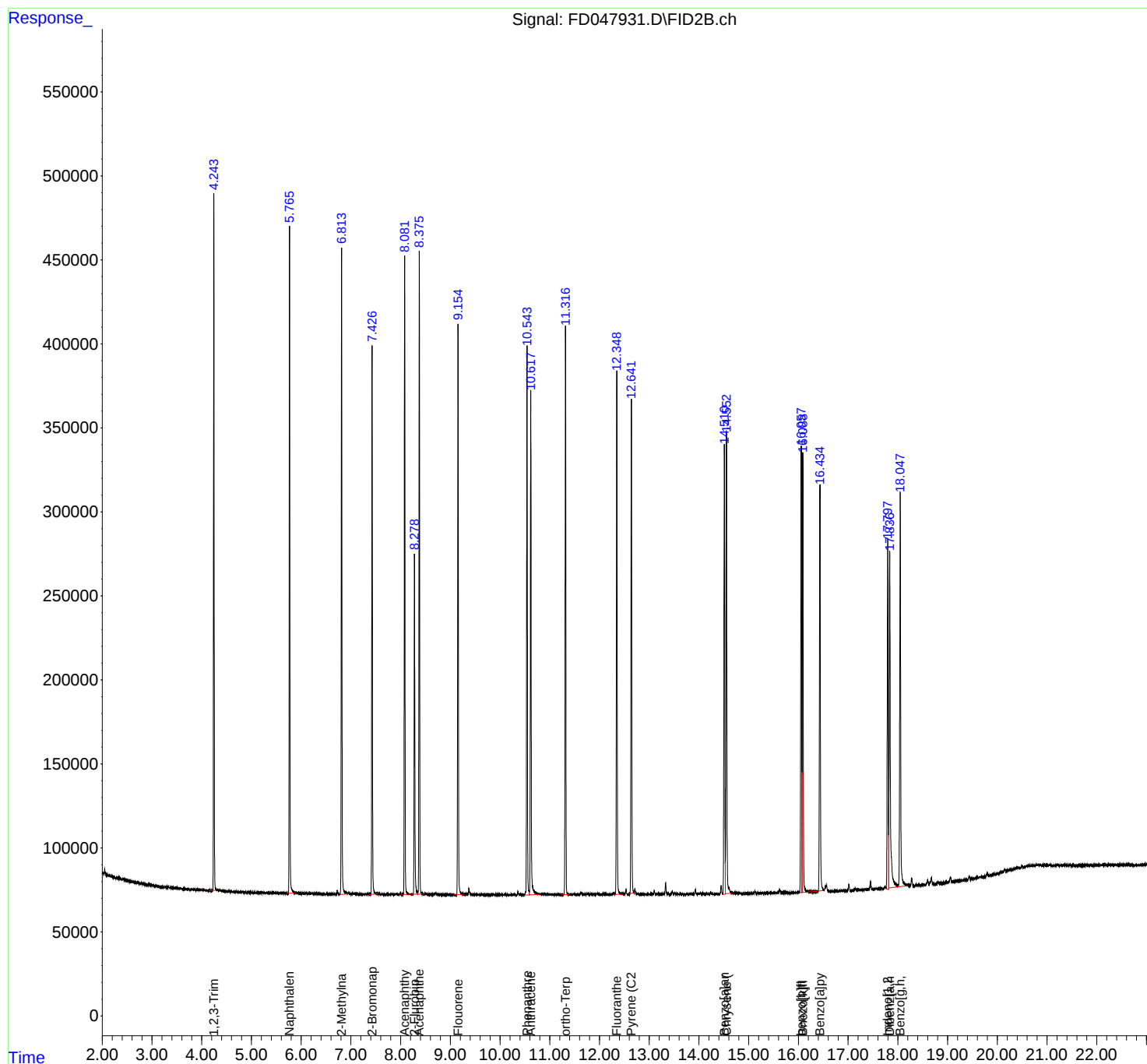
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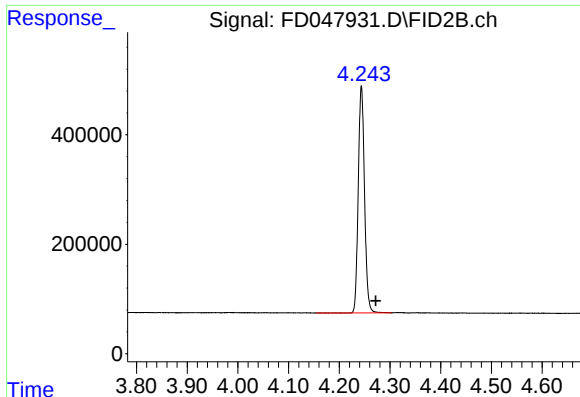
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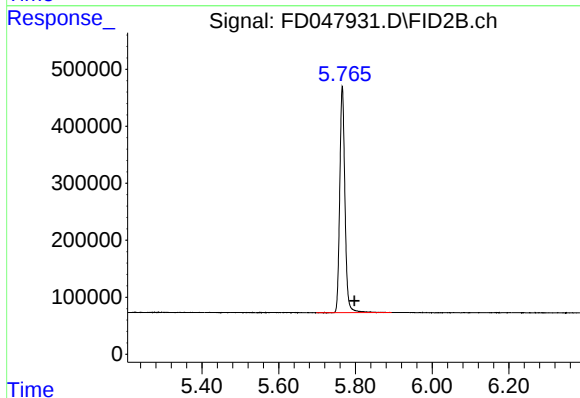
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.244 min
Delta R.T.: -0.028 min
Response: 3550949
Conc: 22.48 ug/ml

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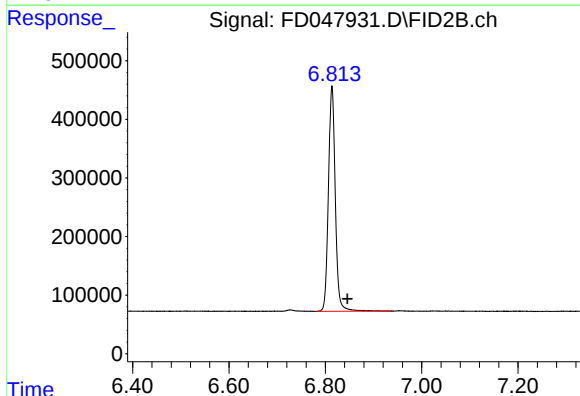
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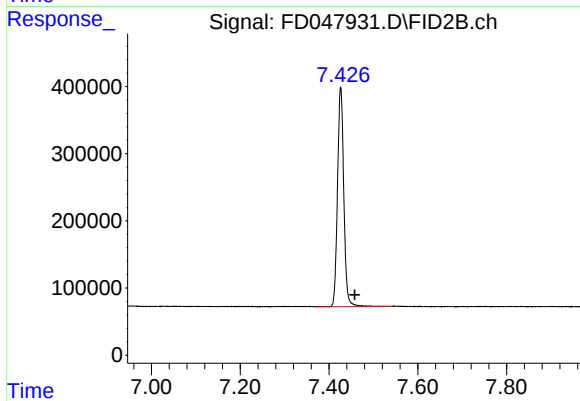
#2 Naphthalene (C11.7)

R.T.: 5.766 min
Delta R.T.: -0.031 min
Response: 3722890
Conc: 22.81 ug/ml



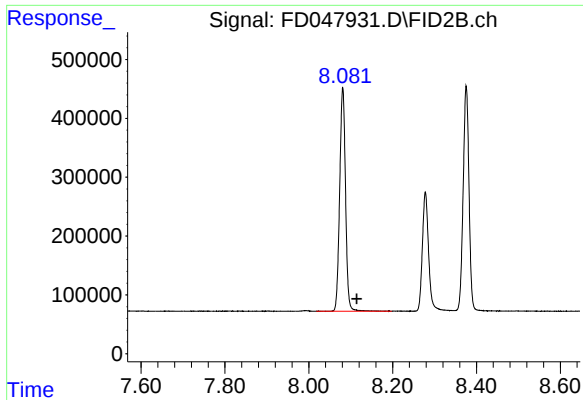
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.814 min
Delta R.T.: -0.032 min
Response: 3767097
Conc: 22.86 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.426 min
Delta R.T.: -0.032 min
Response: 3198627
Conc: 22.78 ug/ml



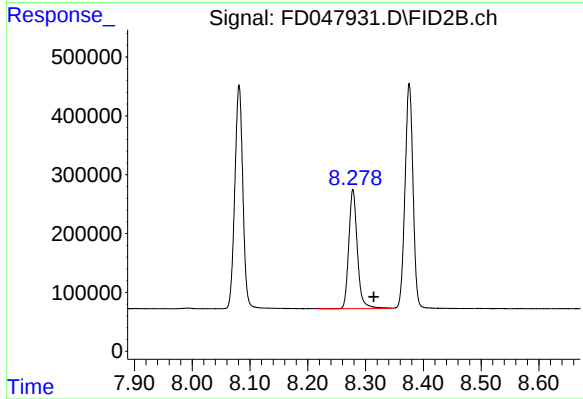
#5 Acenaphthylene (C15.06)

R.T.: 8.081 min
Delta R.T.: -0.033 min
Response: 3678935
Conc: 22.51 ug/ml

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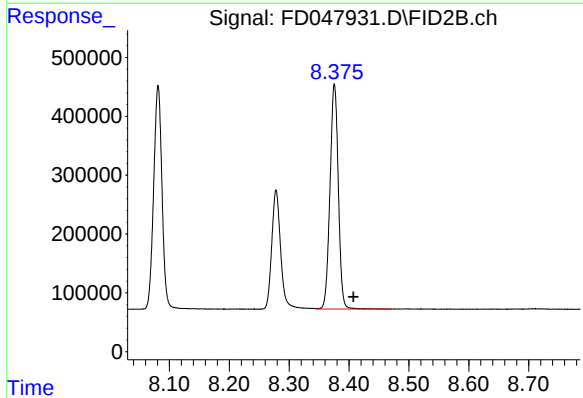
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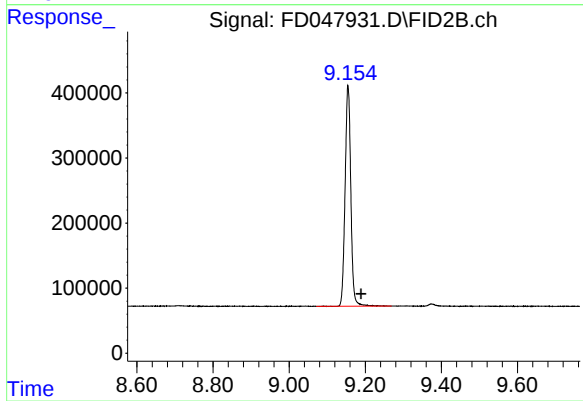
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.278 min
Delta R.T.: -0.036 min
Response: 2088499
Conc: 22.55 ug/ml



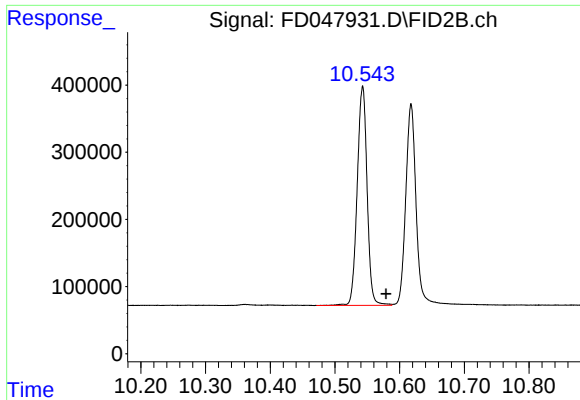
#7 Acenaphthene (C15.5)

R.T.: 8.376 min
Delta R.T.: -0.032 min
Response: 3696621
Conc: 22.64 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.155 min
Delta R.T.: -0.034 min
Response: 3534522
Conc: 22.47 ug/ml



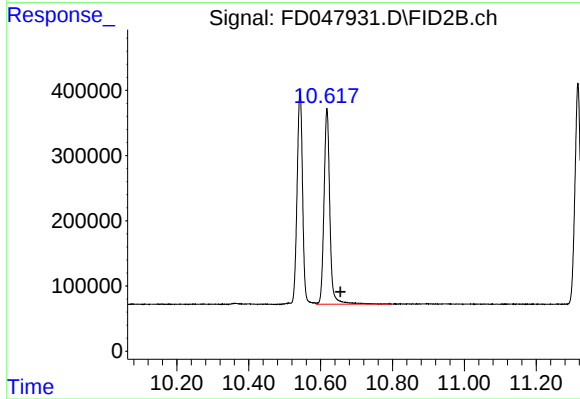
#9 Phenanthrene (C19.36)

R.T.: 10.543 min
Delta R.T.: -0.036 min
Response: 3471928
Conc: 22.51 ug/ml

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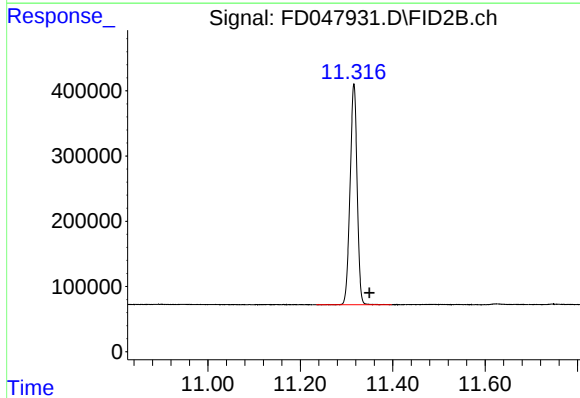
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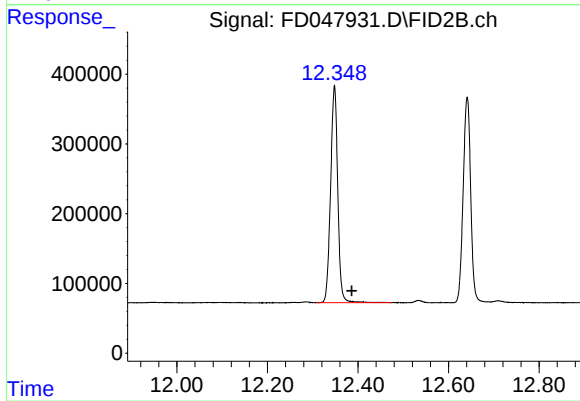
#10 Anthracene (C19.43)

R.T.: 10.618 min
Delta R.T.: -0.037 min
Response: 3394128
Conc: 22.58 ug/ml



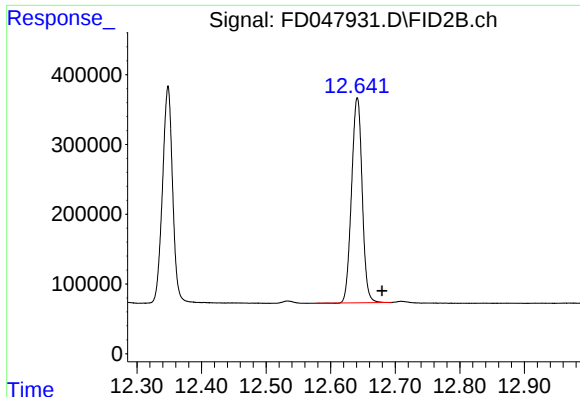
#11 ortho-Terphenyl (SURR)

R.T.: 11.316 min
Delta R.T.: -0.034 min
Response: 3581859
Conc: 22.40 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.348 min
Delta R.T.: -0.038 min
Response: 3423019
Conc: 22.56 ug/ml



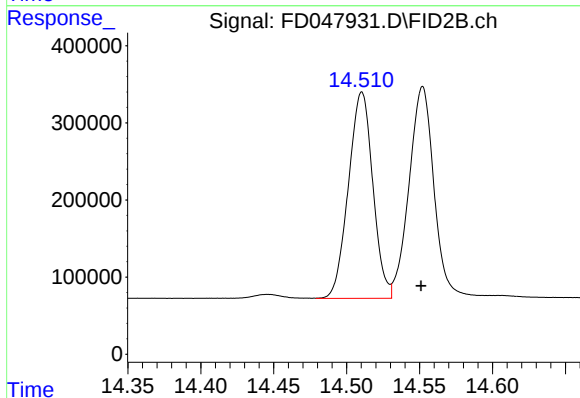
#13 Pyrene (C20.8)

R.T.: 12.641 min
Delta R.T.: -0.038 min
Response: 3365912
Conc: 22.33 ug/ml

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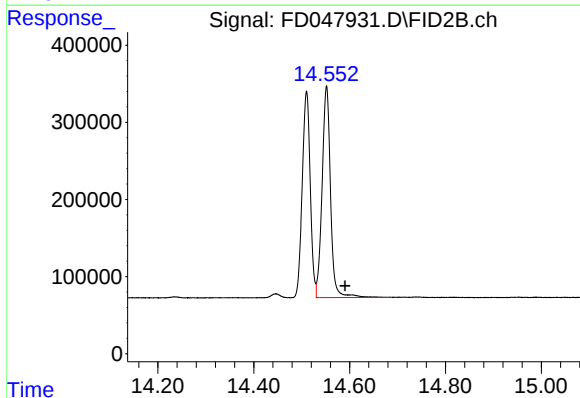
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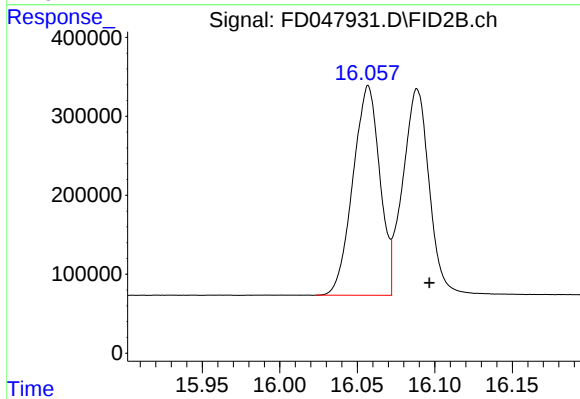
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.510 min
Delta R.T.: -0.041 min
Response: 3125699
Conc: 22.80 ug/ml m



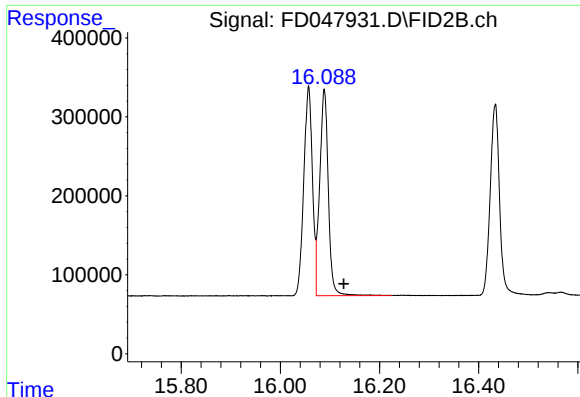
#15 Chrysene (C27.41)

R.T.: 14.552 min
Delta R.T.: -0.038 min
Response: 3350597
Conc: 22.74 ug/ml



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

R.T.: 16.057 min
Delta R.T.: -0.040 min
Response: 3243789
Conc: 23.05 ug/ml m



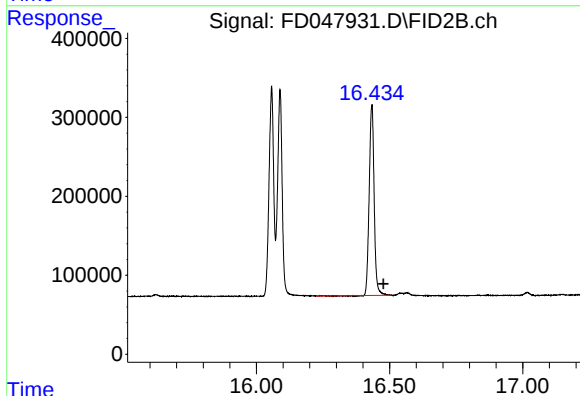
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.089 min
Delta R.T.: -0.039 min
Response: 3153971
Conc: 23.16 ug/ml

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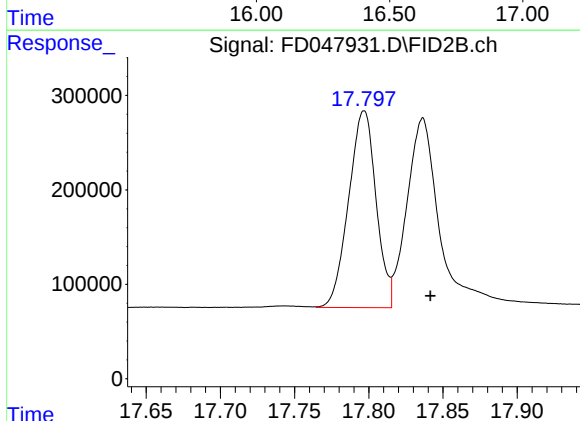
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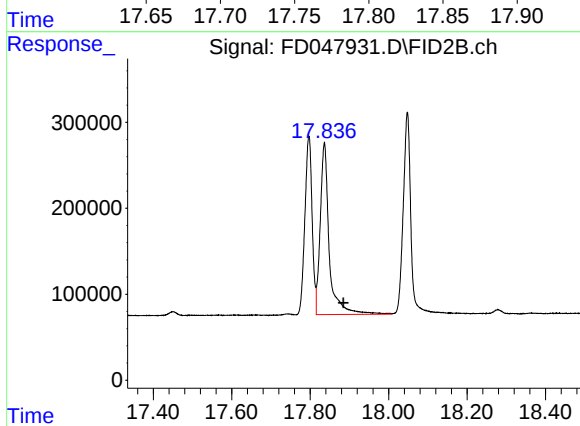
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.433 min
Delta R.T.: -0.044 min
Response: 3110286
Conc: 22.47 ug/ml



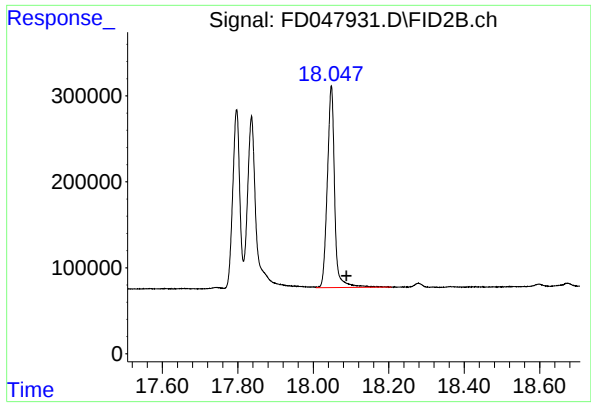
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.797 min
Delta R.T.: -0.045 min
Response: 2687621
Conc: 23.31 ug/ml m



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

R.T.: 17.836 min
Delta R.T.: -0.049 min
Response: 3206351
Conc: 24.05 ug/ml



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

R.T.: 18.048 min
Delta R.T.: -0.041 min
Response: 3162571
Conc: 23.78 ug/ml

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