

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112123AR\
 Data File : FD046929.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2023 09:23
 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 11/22/2023
 Supervised By :Ankita Jodhani 11/22/2023

Integration File: autoint1.e
 Quant Time: Nov 21 22:50:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 2023
 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...	7.476	3726532	20.433 ug/ml
Spiked Amount 50.000		Recovery =	40.87%
6) S 2-Fluorobiphenyl (SURR)	8.329	2484567	21.112 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.22%
11) S ortho-Terphenyl (SURR)	11.366	4539614	21.438 ug/ml
Spiked Amount 50.000		Recovery =	42.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.290	3806748	19.711 ug/ml
2) T Naphthalene (C11.7)	5.815	4038590	20.168 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	4107253	20.436 ug/ml
5) T Acenaphthylene (C15.06)	8.132	3823592	20.788 ug/ml
7) T Acenaphthene (C15.5)	8.428	4074611	20.801 ug/ml
8) T Flouorene (C16.55)	9.206	3964875	21.436 ug/ml
9) T Phenanthrene (C19.36)	10.594	3889297	21.862 ug/ml
10) T Anthracene (C19.43)	10.668	3686786	21.634 ug/ml
12) T Fluoranthene (C21.85)	12.397	3845918	22.268 ug/ml
13) T Pyrene (C20.8)	12.690	3757127	22.596 ug/ml
14) T Benzo[a]anthracene (C...	14.553	3139653	22.316 ug/ml
15) T Chrysene (C27.41)	14.596	3324411	21.316 ug/ml
16) T benzo[b]fluoranthene ...	16.095	3216644	22.474 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	3253737	22.224 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.470	3130662	22.335 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.826	2839034	22.473 ug/mlm
20) T Dibenz[a,h]anthracene...	17.867	2928566	20.963 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.078	3034813	21.735 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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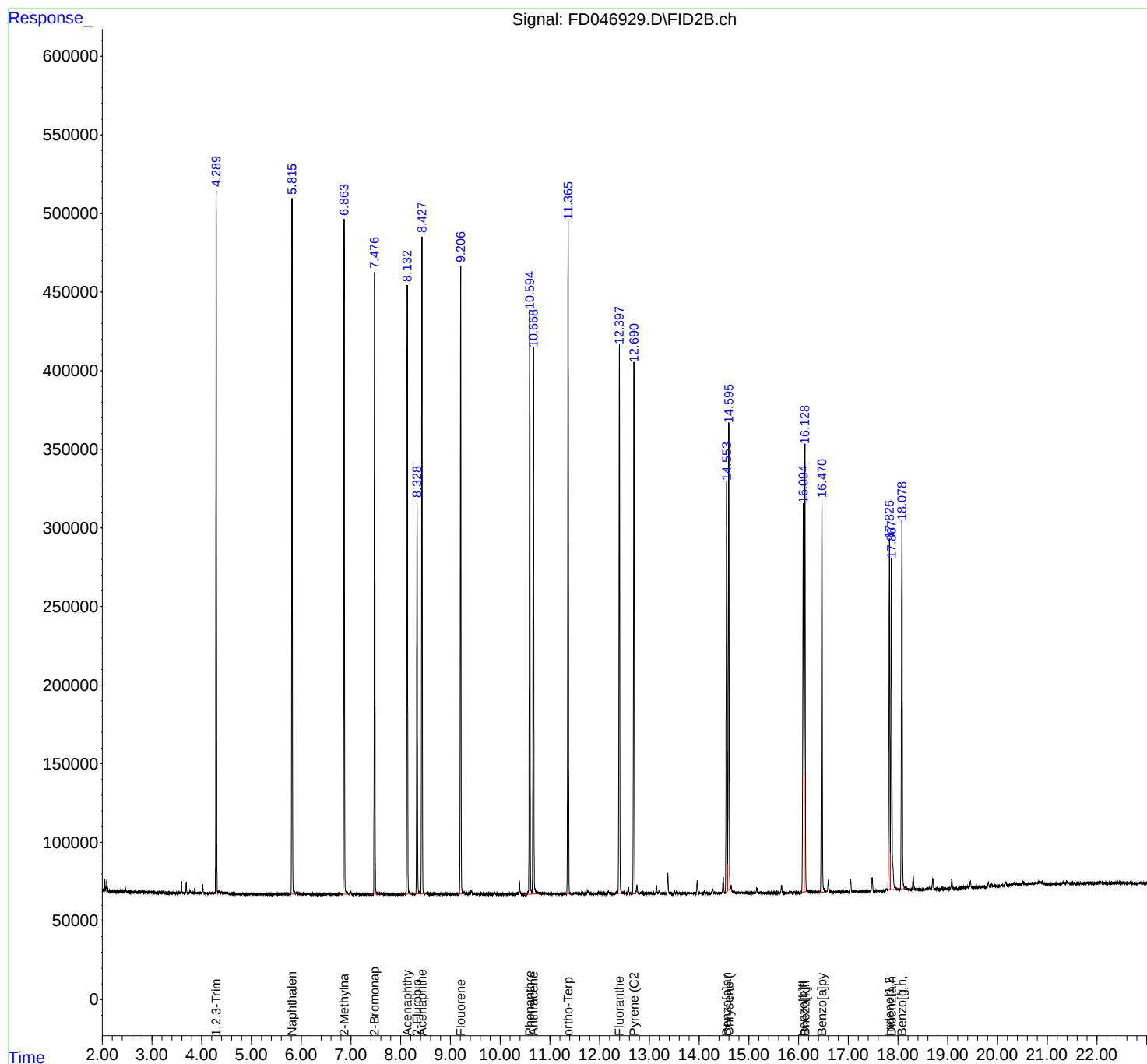
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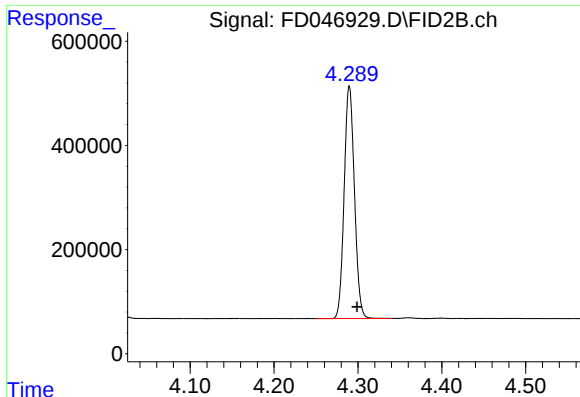
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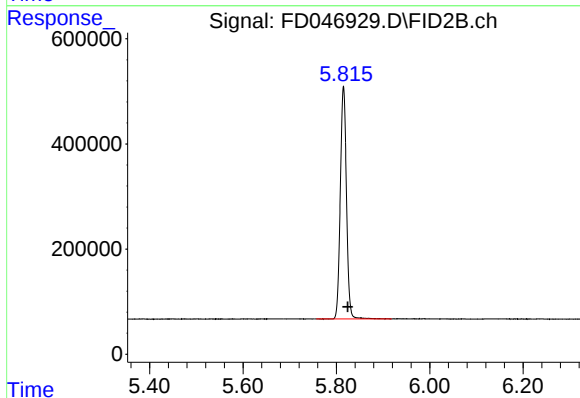
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.290 min
Delta R.T.: -0.009 min
Response: 3806748
Conc: 19.71 ug/ml

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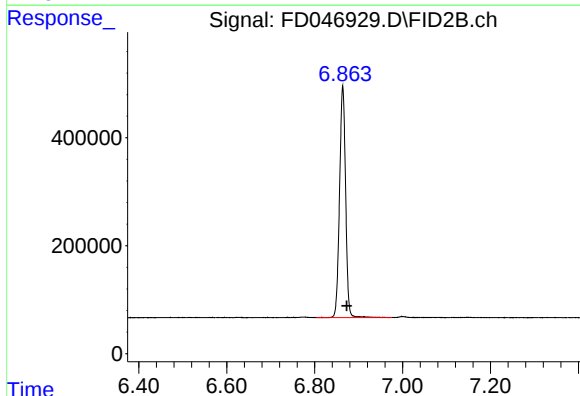
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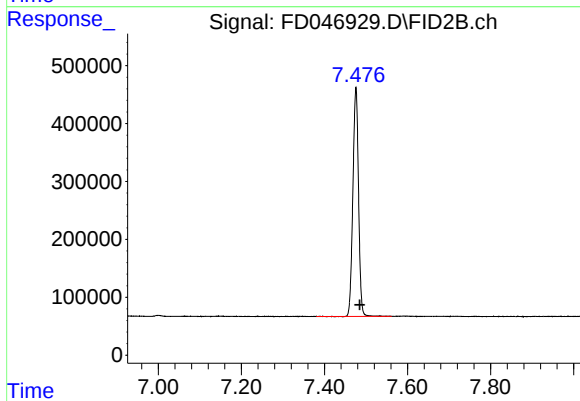
#2 Naphthalene (C11.7)

R.T.: 5.815 min
Delta R.T.: -0.009 min
Response: 4038590
Conc: 20.17 ug/ml



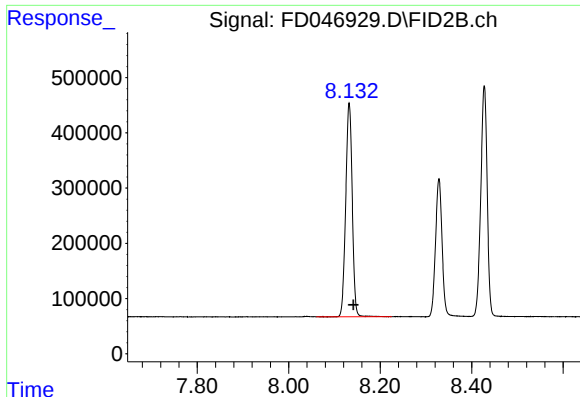
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: -0.009 min
Response: 4107253
Conc: 20.44 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: -0.009 min
Response: 3726532
Conc: 20.43 ug/ml



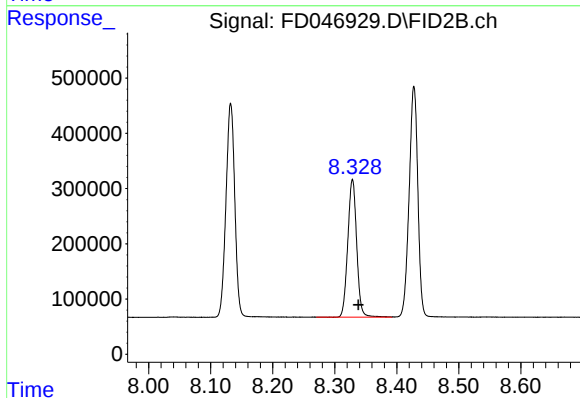
#5 Acenaphthylene (C15.06)

R.T.: 8.132 min
Delta R.T.: -0.009 min
Response: 3823592
Conc: 20.79 ug/ml

Instrument :
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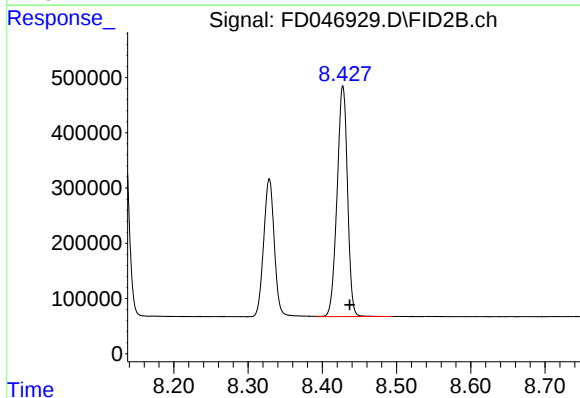
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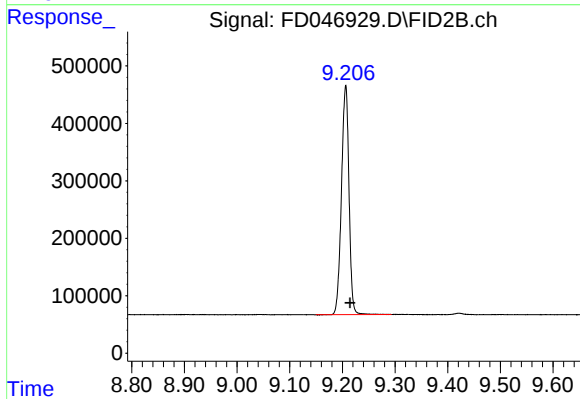
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: -0.009 min
Response: 2484567
Conc: 21.11 ug/ml



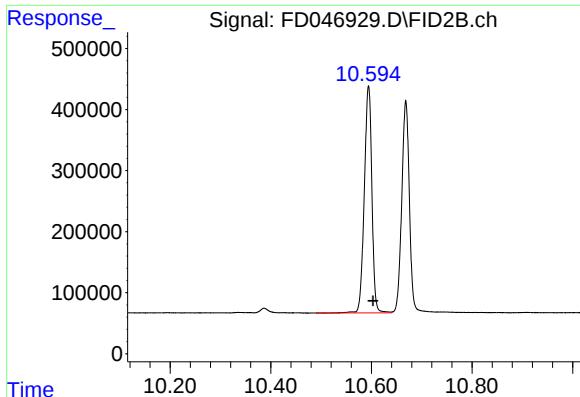
#7 Acenaphthene (C15.5)

R.T.: 8.428 min
Delta R.T.: -0.009 min
Response: 4074611
Conc: 20.80 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.206 min
Delta R.T.: -0.009 min
Response: 3964875
Conc: 21.44 ug/ml



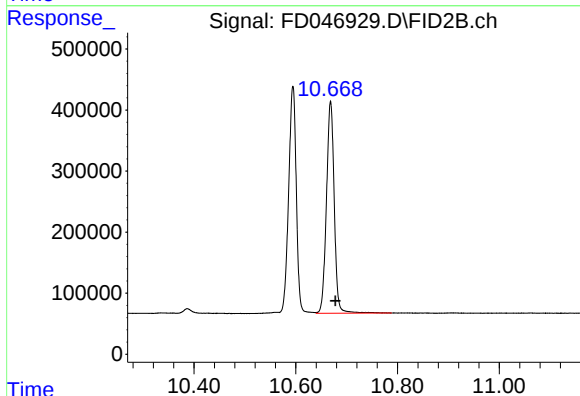
#9 Phenanthrene (C19.36)

R.T.: 10.594 min
Delta R.T.: -0.009 min
Response: 3889297
Conc: 21.86 ug/ml

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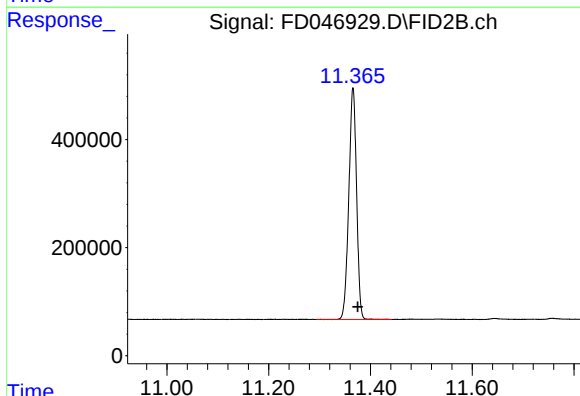
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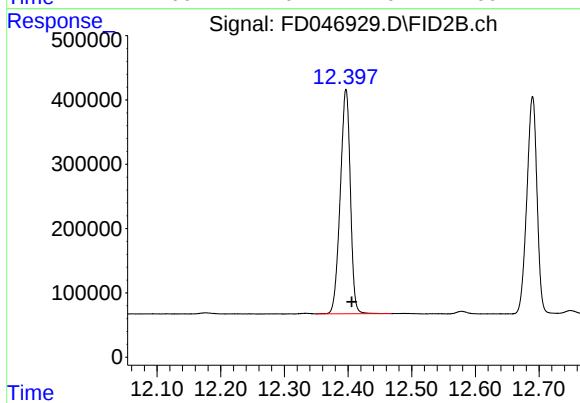
#10 Anthracene (C19.43)

R.T.: 10.668 min
Delta R.T.: -0.009 min
Response: 3686786
Conc: 21.63 ug/ml



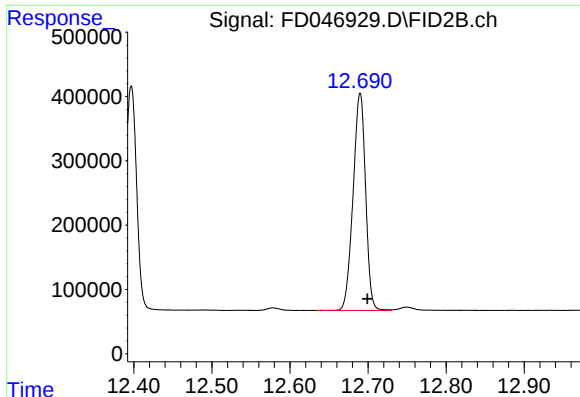
#11 ortho-Terphenyl (SURR)

R.T.: 11.366 min
Delta R.T.: -0.009 min
Response: 4539614
Conc: 21.44 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.397 min
Delta R.T.: -0.009 min
Response: 3845918
Conc: 22.27 ug/ml



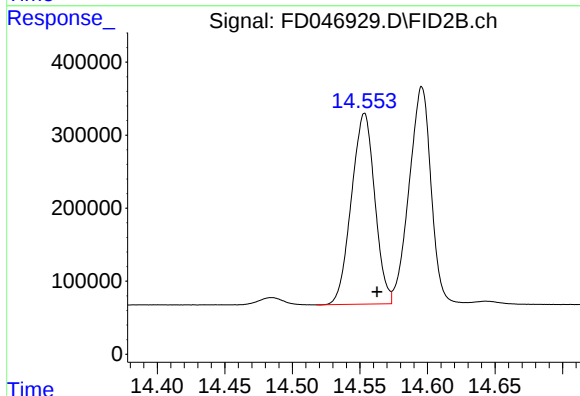
#13 Pyrene (C20.8)

R.T.: 12.690 min
Delta R.T.: -0.009 min
Response: 3757127
Conc: 22.60 ug/ml

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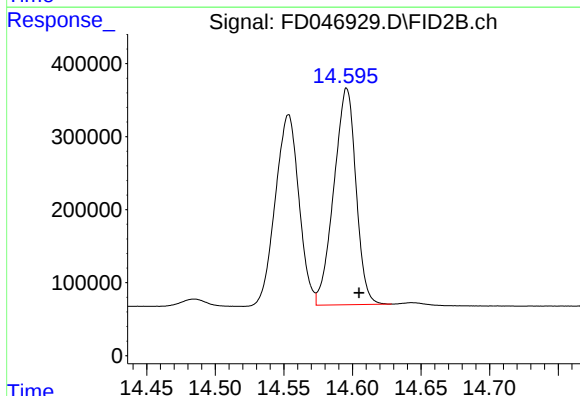
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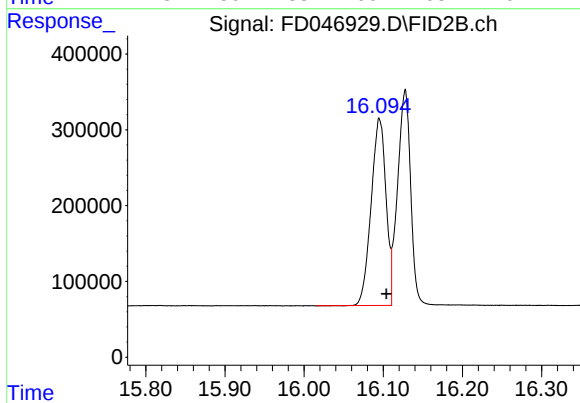
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: -0.010 min
Response: 3139653
Conc: 22.32 ug/ml



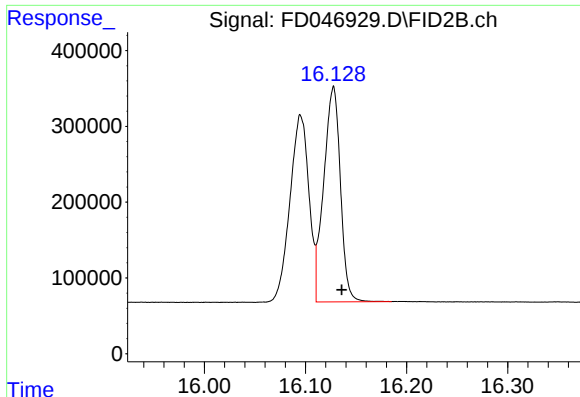
#15 Chrysene (C27.41)

R.T.: 14.596 min
Delta R.T.: -0.009 min
Response: 3324411
Conc: 21.32 ug/ml



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

R.T.: 16.095 min
Delta R.T.: -0.009 min
Response: 3216644
Conc: 22.47 ug/ml



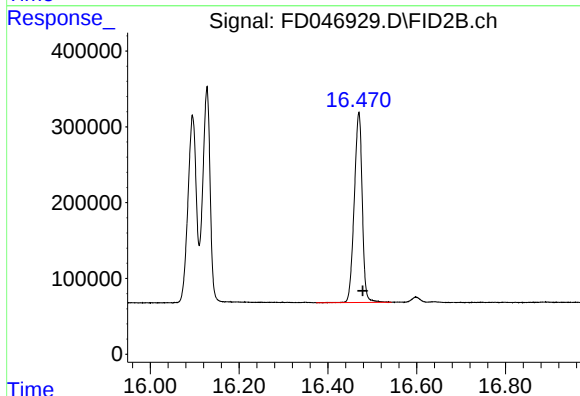
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.127 min
Delta R.T.: -0.008 min
Response: 3253737
Conc: 22.22 ug/ml

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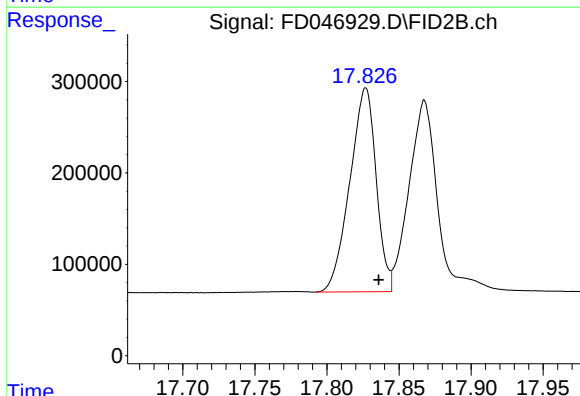
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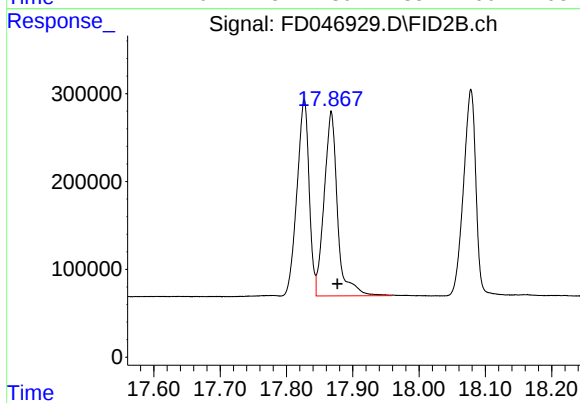
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.470 min
Delta R.T.: -0.009 min
Response: 3130662
Conc: 22.34 ug/ml



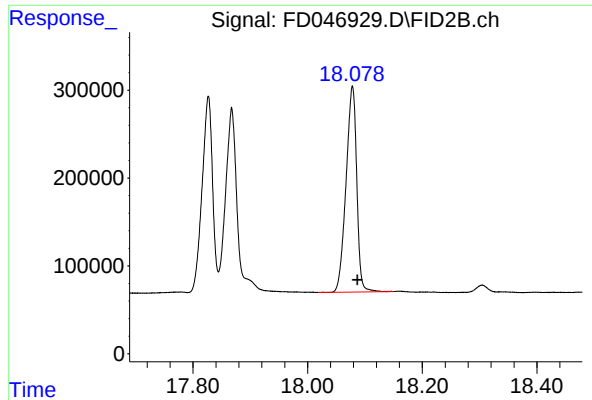
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.826 min
Delta R.T.: -0.010 min
Response: 2839034
Conc: 22.47 ug/ml m



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

R.T.: 17.867 min
Delta R.T.: -0.010 min
Response: 2928566
Conc: 20.96 ug/ml m



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

R.T.: 18.078 min
Delta R.T.: -0.009 min
Response: 3034813
Conc: 21.74 ug/ml

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