

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071625AR\
 Data File : FD049555.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jul 2025 19:54
 Operator : YP/AJ
 Sample : Q2600-05MS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 STOCK-PILEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/17/2025
 Supervised By :mohammad ahmed 07/18/2025

Integration File: sample.E
 Quant Time: Jul 17 07:17:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:32:40 2025
 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...	7.736	5456126	41.702 ug/ml
Spiked Amount 50.000		Recovery =	83.40%
6) S 2-Fluorobiphenyl (SURR)	8.602	3646124	39.348 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.70%
11) S ortho-Terphenyl (SURR)	11.647	5869870	35.799 ug/ml
Spiked Amount 50.000		Recovery =	71.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.530	4338967	33.586 ug/ml
2) T Naphthalene (C11.7)	6.073	5841608	39.913 ug/ml
3) T 2-Methylnaphthalene (...)	7.127	6514711	42.899 ug/ml
5) T Acenaphthylene (C15.06)	8.407	7451745	46.945 ug/ml
7) T Acenaphthene (C15.5)	8.703	7442047	47.004 ug/ml
8) T Flouorene (C16.55)	9.484	7877029	49.310 ug/ml
9) T Phenanthrene (C19.36)	10.884	8285460	50.581 ug/ml
10) T Anthracene (C19.43)	10.959	8088924	50.780 ug/ml
12) T Fluoranthene (C21.85)	12.700	8189805	50.385 ug/mlm
13) T Pyrene (C20.8)	12.999	8276434	50.998 ug/ml
14) T Benzo[a]anthracene (C...	14.872	7910486	54.015 ug/ml
15) T Chrysene (C27.41)	14.917	8643940	58.081 ug/mlm
16) T benzo[b]fluoranthene ...	16.425	7567466	53.409 ug/ml
17) T Bnezo[k]fluoranthene ...	16.459	7263264	54.332 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.804	7183900	52.178 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.170	7344698	58.642 ug/ml
20) T Dibenz[a,h]anthracene...	18.208	6727279	51.064 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.426	6539758	49.415 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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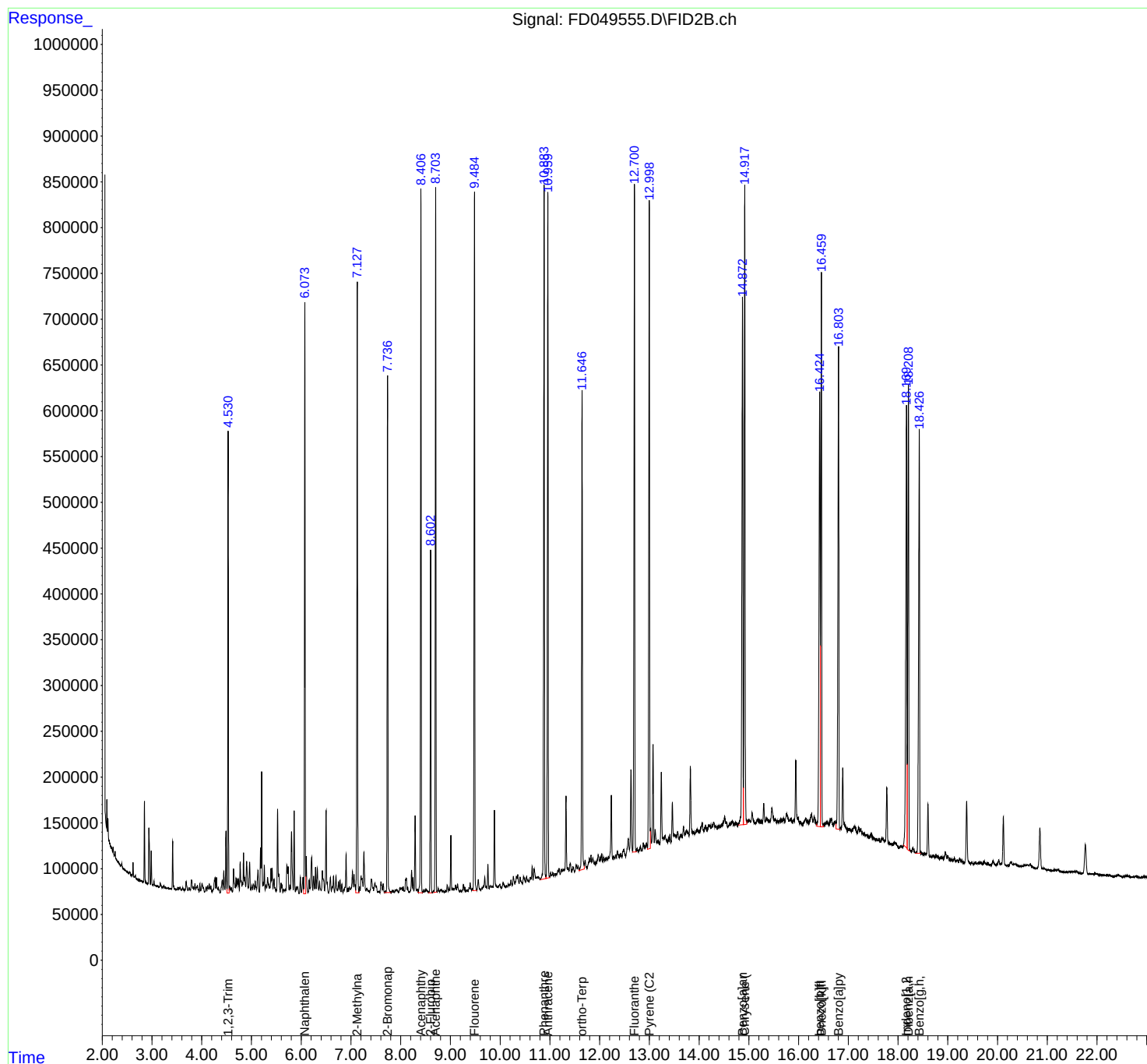
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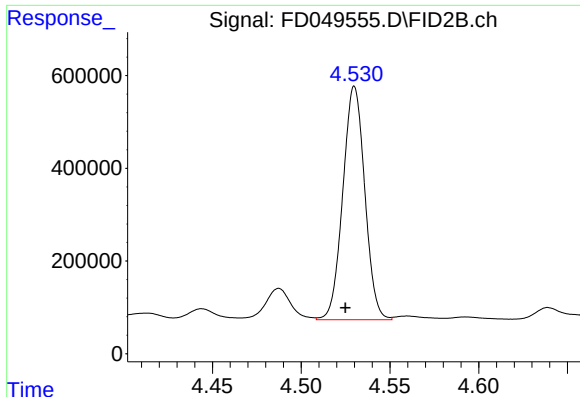
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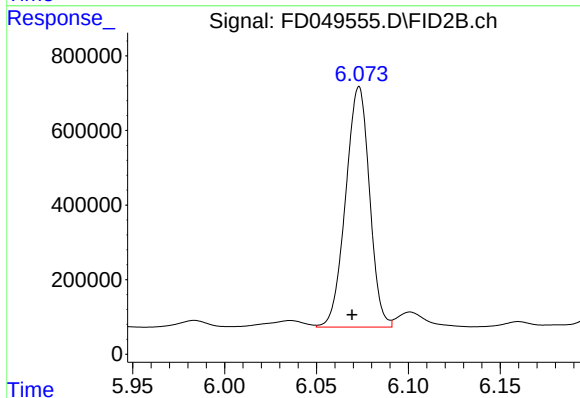
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.530 min
Delta R.T.: 0.005 min
Response: 4338967
Conc: 33.59 ug/ml

Instrument :
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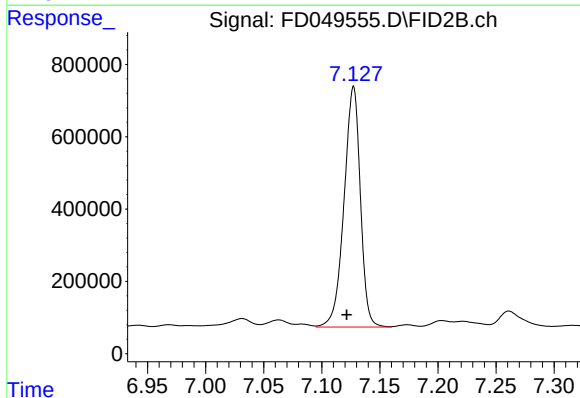
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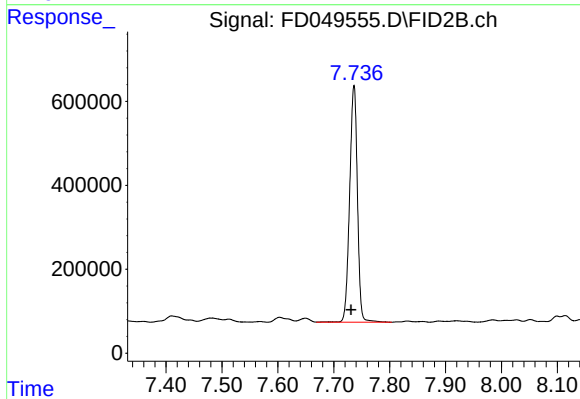
#2 Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: 0.004 min
Response: 5841608
Conc: 39.91 ug/ml



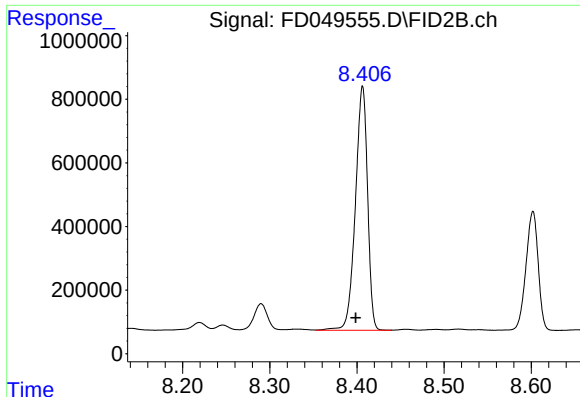
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: 0.006 min
Response: 6514711
Conc: 42.90 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.736 min
Delta R.T.: 0.005 min
Response: 5456126
Conc: 41.70 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.407 min
Delta R.T.: 0.008 min
Response: 7451745
Conc: 46.95 ug/ml

Instrument :

FID_D

ClientSampleId :

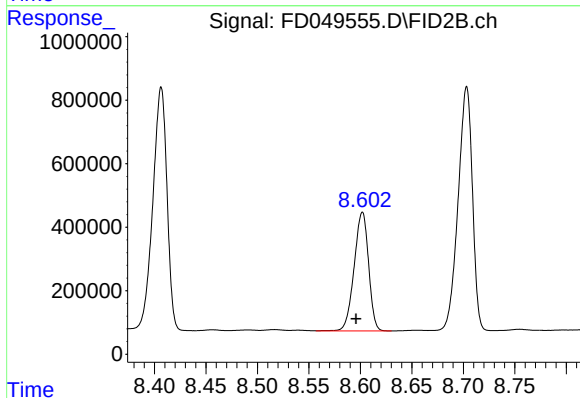
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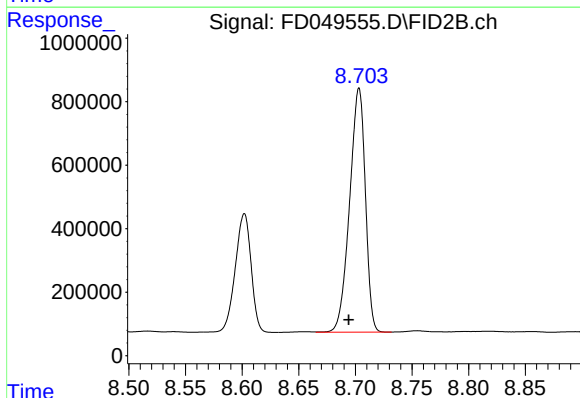
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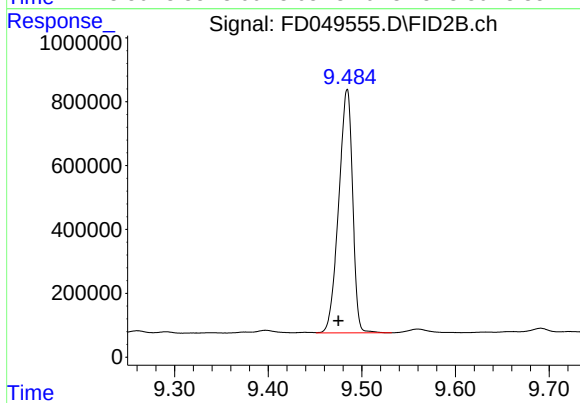
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.602 min
Delta R.T.: 0.006 min
Response: 3646124
Conc: 39.35 ug/ml



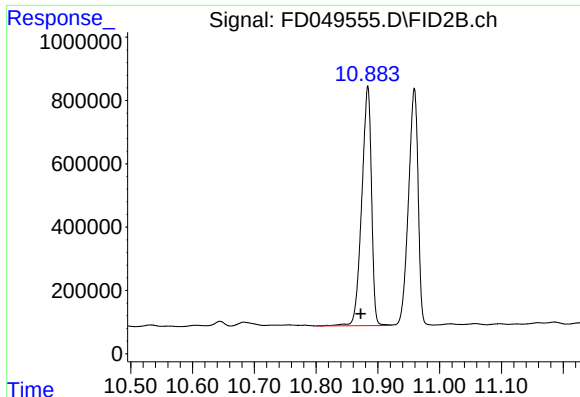
#7 Acenaphthene (C15.5)

R.T.: 8.703 min
Delta R.T.: 0.009 min
Response: 7442047
Conc: 47.00 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.484 min
Delta R.T.: 0.009 min
Response: 7877029
Conc: 49.31 ug/ml



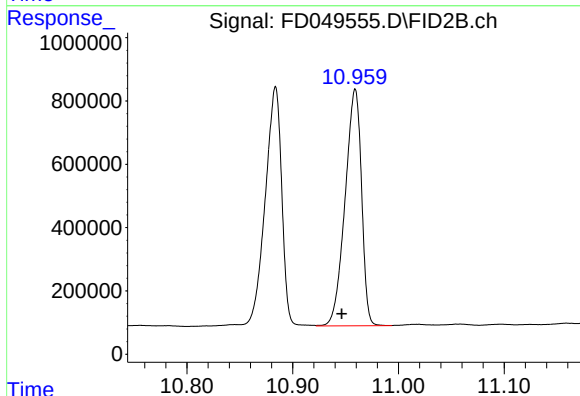
#9 Phenanthrene (C19.36)

R.T.: 10.884 min
Delta R.T.: 0.012 min
Response: 8285460
Conc: 50.58 ug/ml

Instrument :
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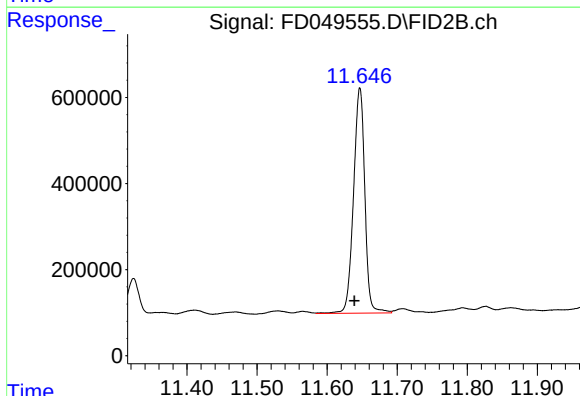
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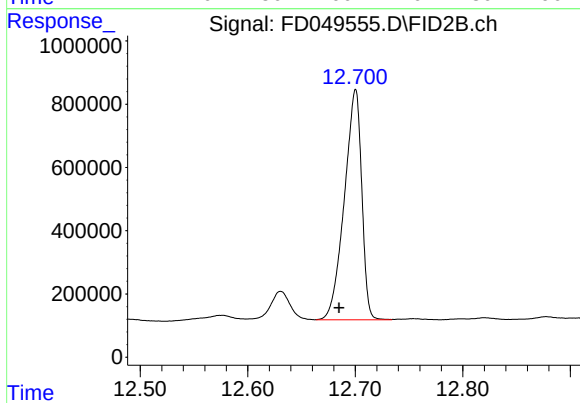
#10 Anthracene (C19.43)

R.T.: 10.959 min
Delta R.T.: 0.013 min
Response: 8088924
Conc: 50.78 ug/ml



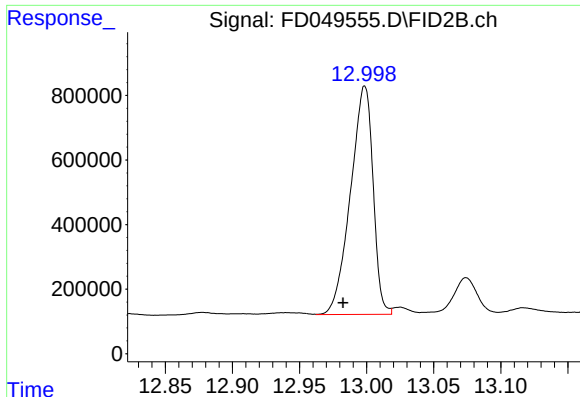
#11 ortho-Terphenyl (SURR)

R.T.: 11.647 min
Delta R.T.: 0.008 min
Response: 5869870
Conc: 35.80 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.700 min
Delta R.T.: 0.015 min
Response: 8189805
Conc: 50.39 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.999 min
Delta R.T.: 0.016 min
Response: 8276434
Conc: 51.00 ug/ml

Instrument :

FID_D

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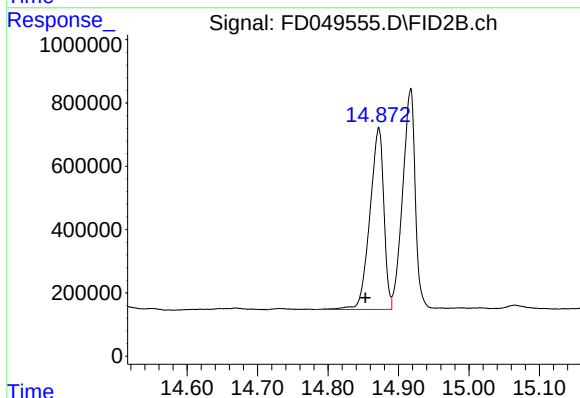
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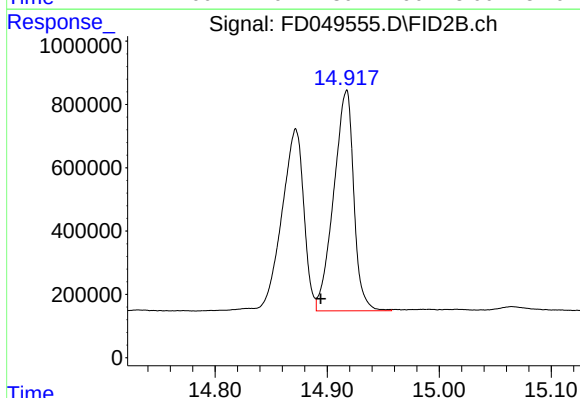
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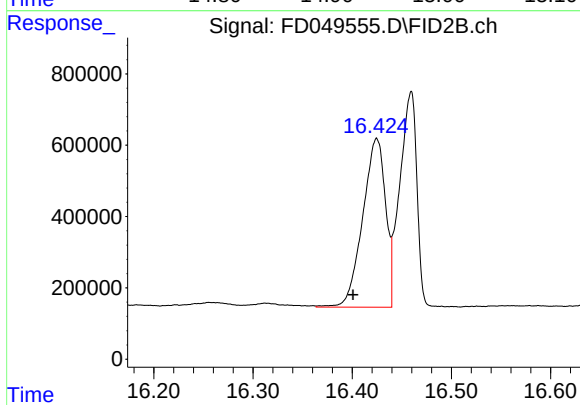
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.872 min
Delta R.T.: 0.019 min
Response: 7910486
Conc: 54.01 ug/ml



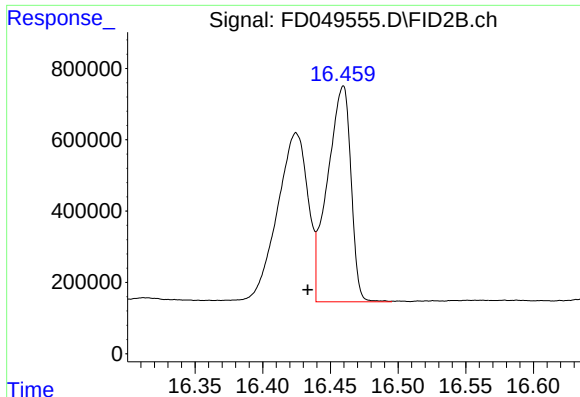
#15 Chrysene (C27.41)

R.T.: 14.917 min
Delta R.T.: 0.023 min
Response: 8643940
Conc: 58.08 ug/ml m



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

R.T.: 16.425 min
Delta R.T.: 0.024 min
Response: 7567466
Conc: 53.41 ug/ml



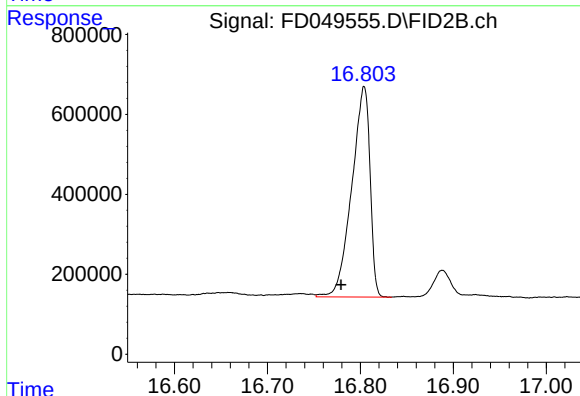
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.459 min
Delta R.T.: 0.026 min
Response: 7263264
Conc: 54.33 ug/ml

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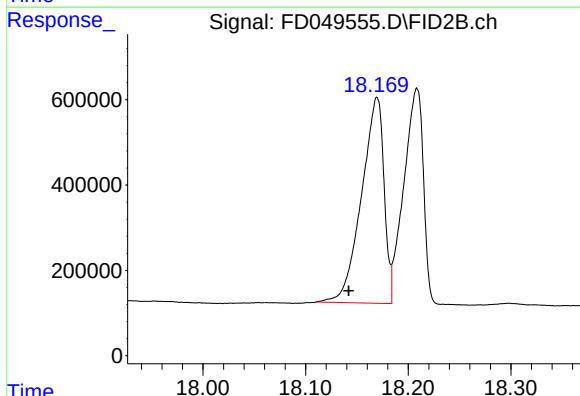
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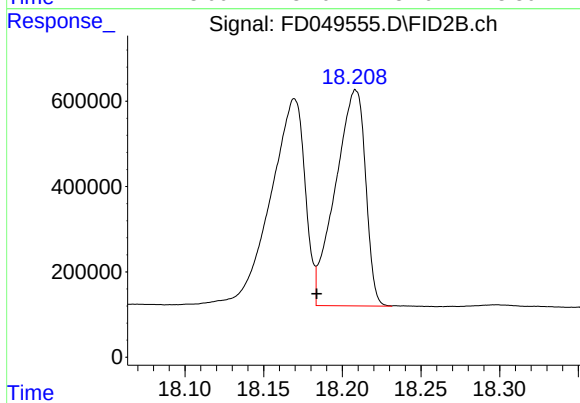
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.804 min
Delta R.T.: 0.025 min
Response: 7183900
Conc: 52.18 ug/ml



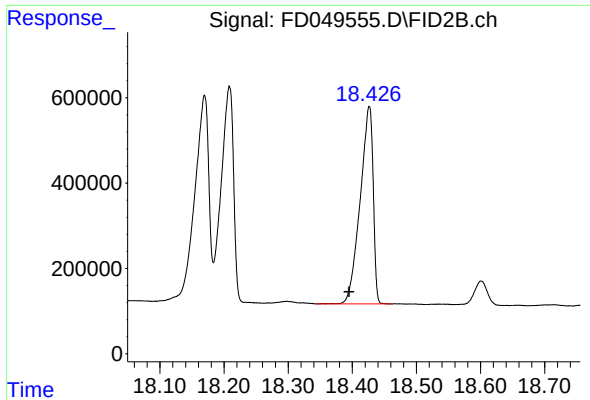
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.170 min
Delta R.T.: 0.027 min
Response: 7344698
Conc: 58.64 ug/ml



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

R.T.: 18.208 min
Delta R.T.: 0.024 min
Response: 6727279
Conc: 51.06 ug/ml m



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

R.T.: 18.426 min
Delta R.T.: 0.032 min
Response: 6539758
Conc: 49.41 ug/ml

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