

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122322AR\
 Data File : FD044696.D
 Signal(s) : FID2B.ch
 Acq On : 23 Dec 2022 23:13
 Operator : YP/AJ
 Sample : N6051-01MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SP-591MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2022
 Supervised By :Ankita Jodhani 12/27/2022

Integration File: autoint1.e
 Quant Time: Dec 25 14:28:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 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...	7.672	6847979	52.766 ug/mlm
Spiked Amount 50.000		Recovery =	105.53%
6) S 2-Fluorobiphenyl (SURR)	8.530	4412318	49.960 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.92%
11) S ortho-Terphenyl (SURR)	11.559	5031503	30.916 ug/ml
Spiked Amount 50.000		Recovery =	61.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	4932373	34.563 ug/mlm
2) T Naphthalene (C11.7)	6.018	6103132	40.592 ug/mlm
3) T 2-Methylnaphthalene (...)	7.064	6051017	40.049 ug/mlm
5) T Acenaphthylene (C15.06)	8.335	6605990	47.520 ug/ml
7) T Acenaphthene (C15.5)	8.629	6527136	44.476 ug/ml
8) T Flouorene (C16.55)	9.406	6896340	47.829 ug/ml
9) T Phenanthrene (C19.36)	10.797	7190069	50.420 ug/ml
10) T Anthracene (C19.43)	10.871	6939977	49.952 ug/ml
12) T Fluoranthene (C21.85)	12.600	7415572	52.018 ug/ml
13) T Pyrene (C20.8)	12.895	7208798	51.799 ug/ml
14) T Benzo[a]anthracene (C...	14.757	6964630	53.826 ug/ml
15) T Chrysene (C27.41)	14.801	7023017	52.094 ug/mlm
16) T benzo[b]fluoranthene ...	16.299	7063734	53.668 ug/ml
17) T Bnezo[k]fluoranthene ...	16.334	6475467	49.728 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.675	6090908	47.130 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.033	6488191	50.908 ug/ml
20) T Dibenz[a,h]anthracene...	18.073	6579027	52.288 ug/ml
21) T Benzo[g,h,i]perylene ...	18.289	6238251	48.502 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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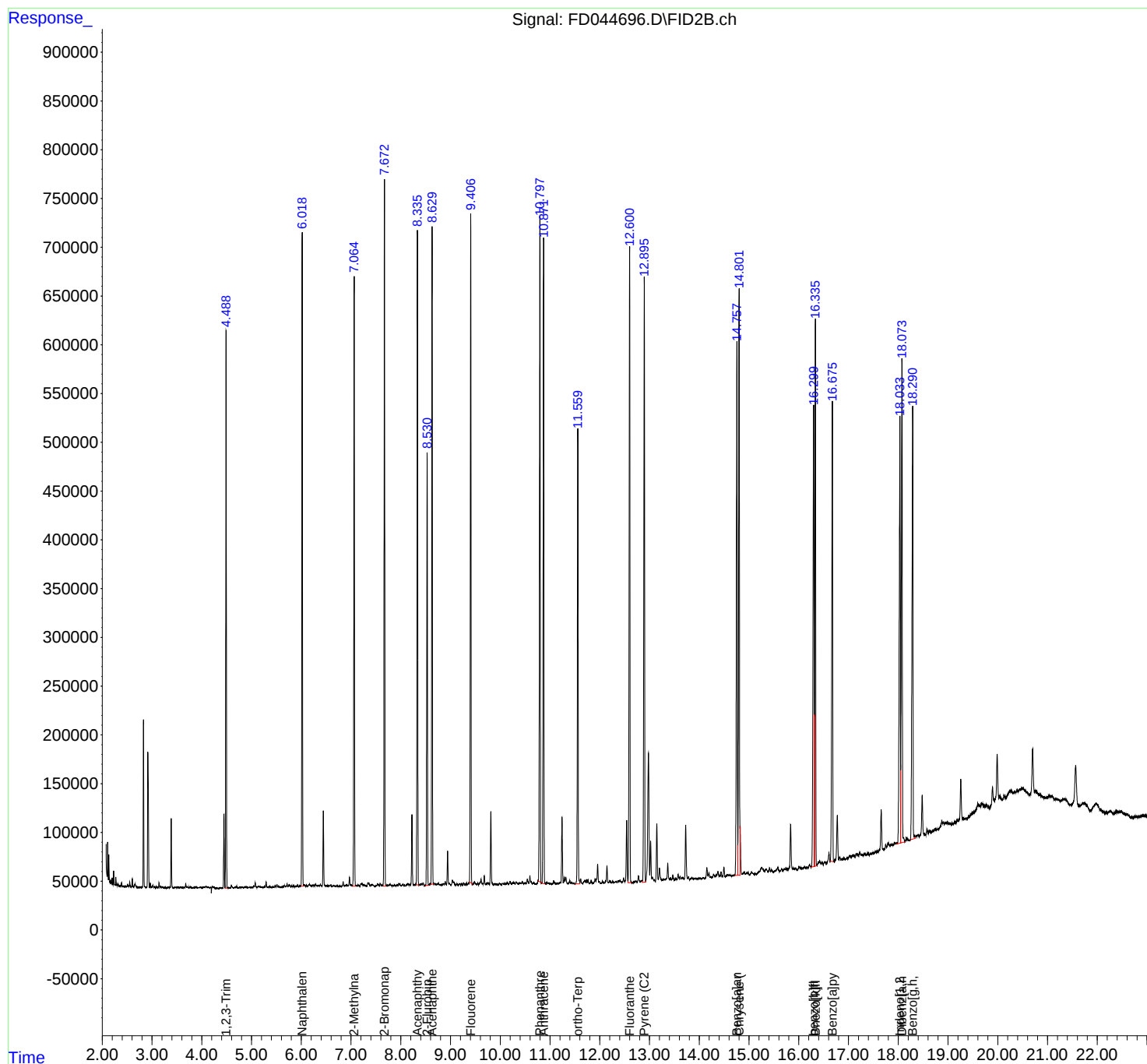
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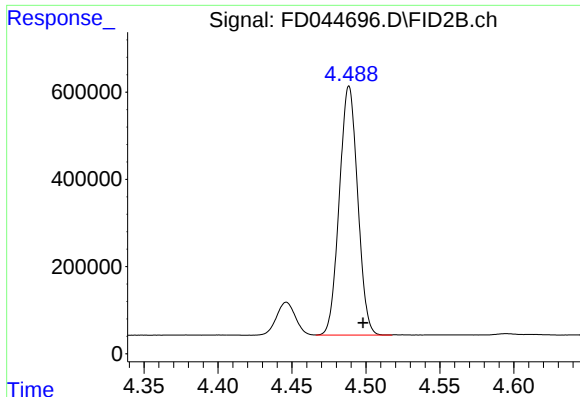
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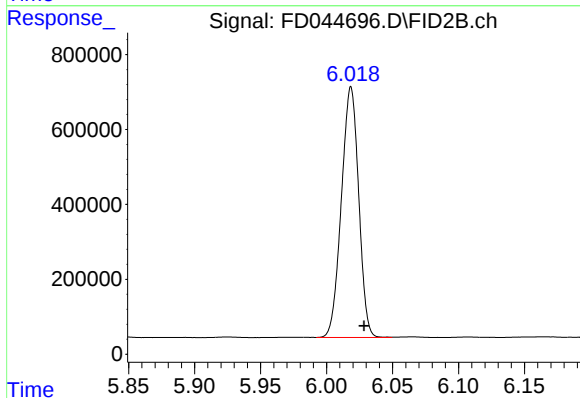
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.488 min
Delta R.T.: -0.010 min
Response: 4932373
Conc: 34.56 ug/ml

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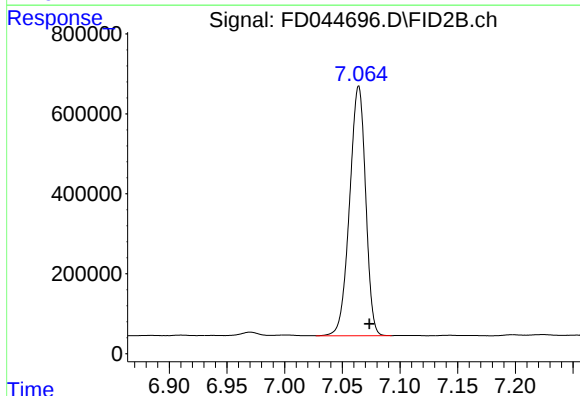
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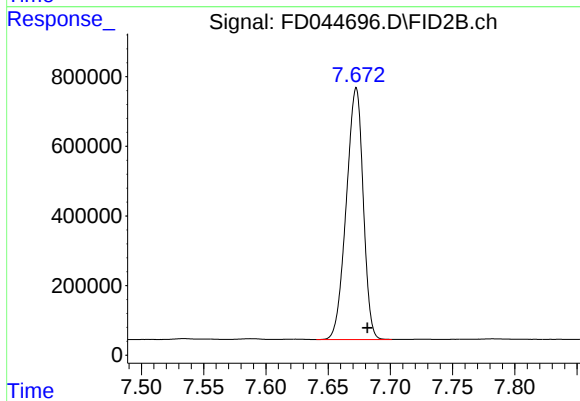
#2 Naphthalene (C11.7)

R.T.: 6.018 min
Delta R.T.: -0.010 min
Response: 6103132
Conc: 40.59 ug/ml m



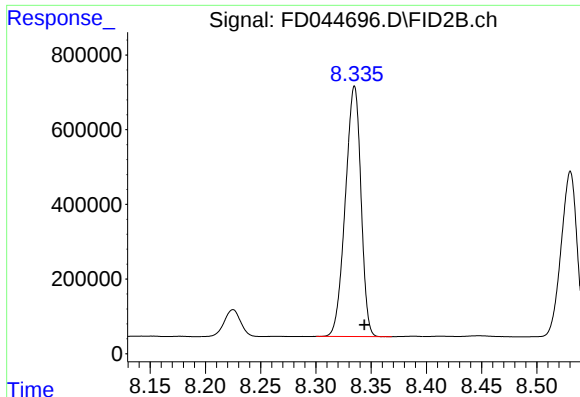
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.064 min
Delta R.T.: -0.010 min
Response: 6051017
Conc: 40.05 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.672 min
Delta R.T.: -0.009 min
Response: 6847979
Conc: 52.77 ug/ml m



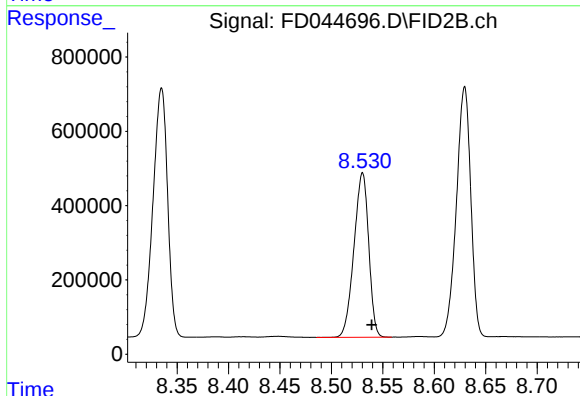
#5 Acenaphthylene (C15.06)

R.T.: 8.335 min
Delta R.T.: -0.009 min
Response: 6605990
Conc: 47.52 ug/ml

Instrument :
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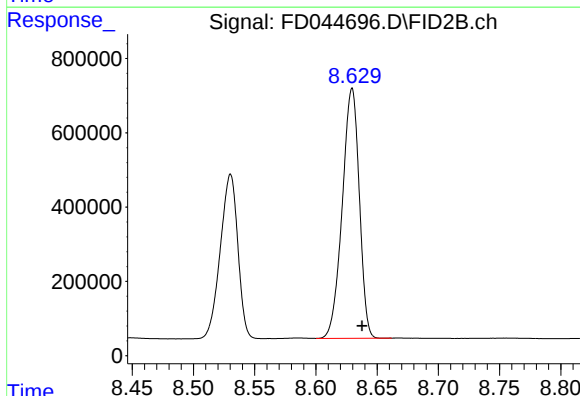
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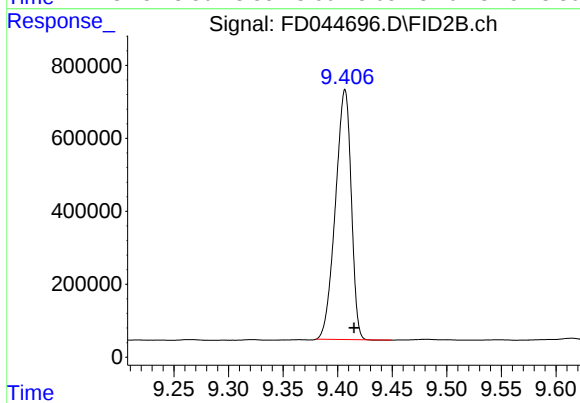
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.530 min
Delta R.T.: -0.009 min
Response: 4412318
Conc: 49.96 ug/ml



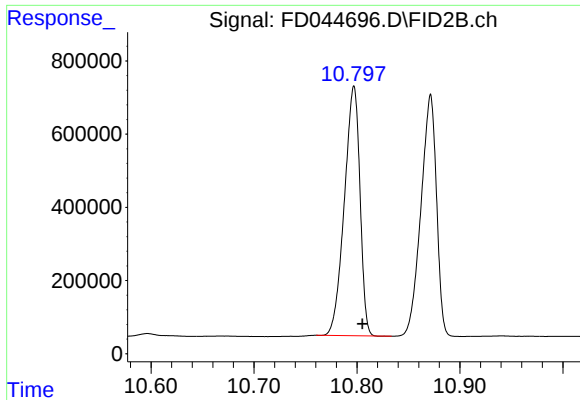
#7 Acenaphthene (C15.5)

R.T.: 8.629 min
Delta R.T.: -0.008 min
Response: 6527136
Conc: 44.48 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.406 min
Delta R.T.: -0.009 min
Response: 6896340
Conc: 47.83 ug/ml



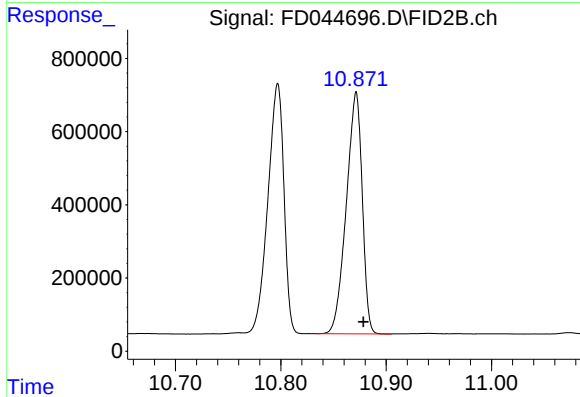
#9 Phenanthrene (C19.36)

R.T.: 10.797 min
Delta R.T.: -0.009 min
Response: 7190069
Conc: 50.42 ug/ml

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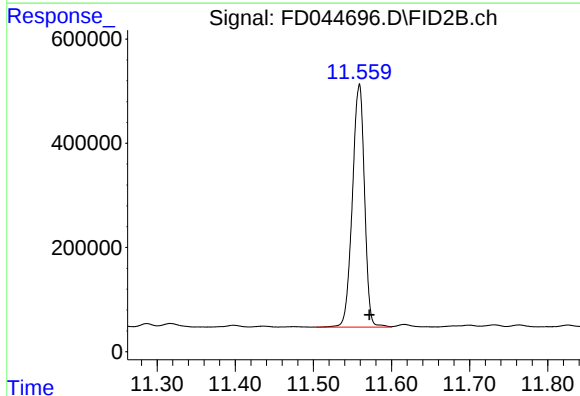
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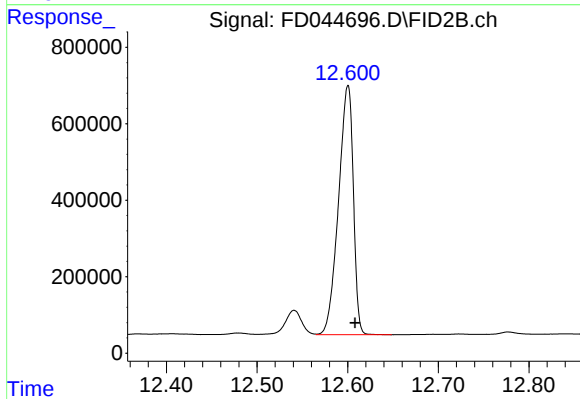
#10 Anthracene (C19.43)

R.T.: 10.871 min
Delta R.T.: -0.007 min
Response: 6939977
Conc: 49.95 ug/ml



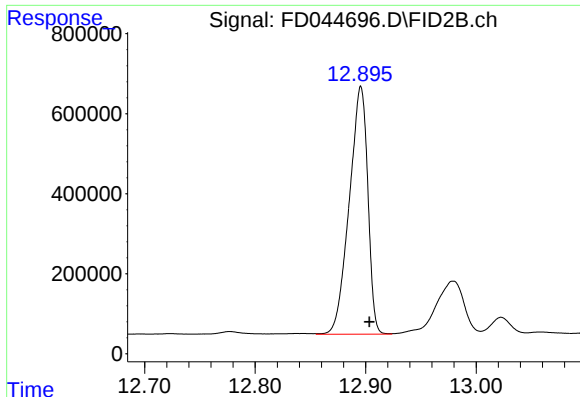
#11 ortho-Terphenyl (SURR)

R.T.: 11.559 min
Delta R.T.: -0.013 min
Response: 5031503
Conc: 30.92 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.600 min
Delta R.T.: -0.008 min
Response: 7415572
Conc: 52.02 ug/ml



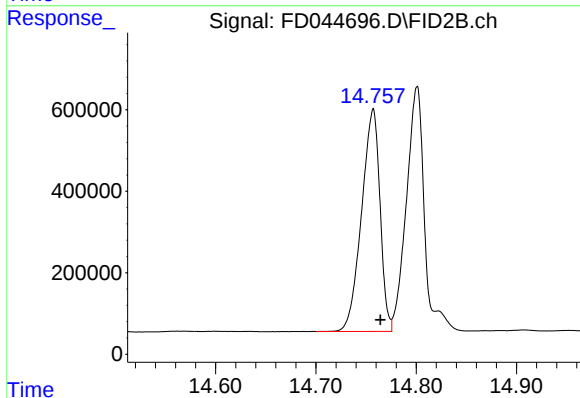
#13 Pyrene (C20.8)

R.T.: 12.895 min
Delta R.T.: -0.008 min
Response: 7208798
Conc: 51.80 ug/ml

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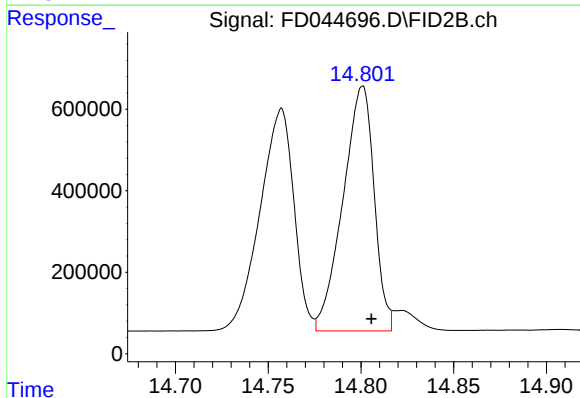
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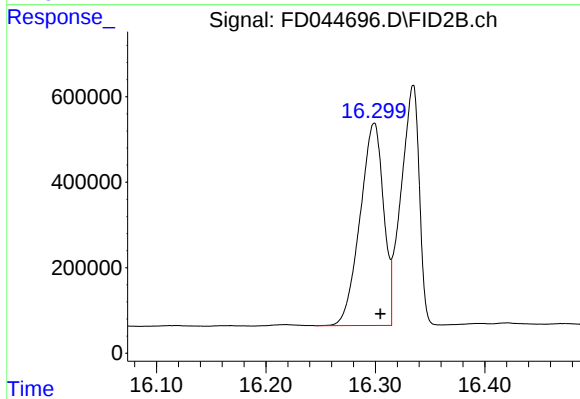
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.757 min
Delta R.T.: -0.008 min
Response: 6964630
Conc: 53.83 ug/ml



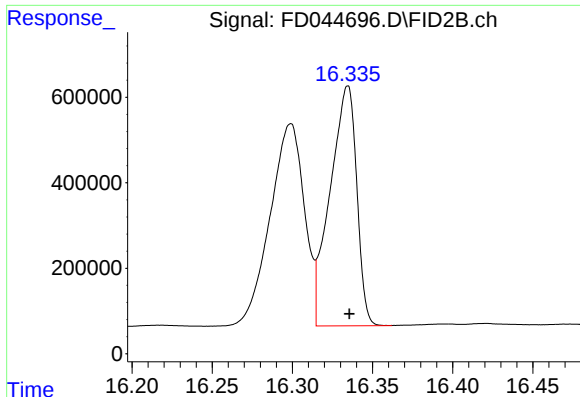
#15 Chrysene (C27.41)

R.T.: 14.801 min
Delta R.T.: -0.005 min
Response: 7023017
Conc: 52.09 ug/ml m



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

R.T.: 16.299 min
Delta R.T.: -0.006 min
Response: 7063734
Conc: 53.67 ug/ml



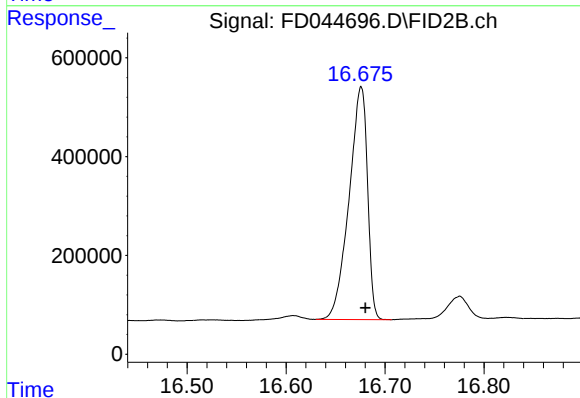
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.334 min
Delta R.T.: -0.002 min
Response: 6475467
Conc: 49.73 ug/ml

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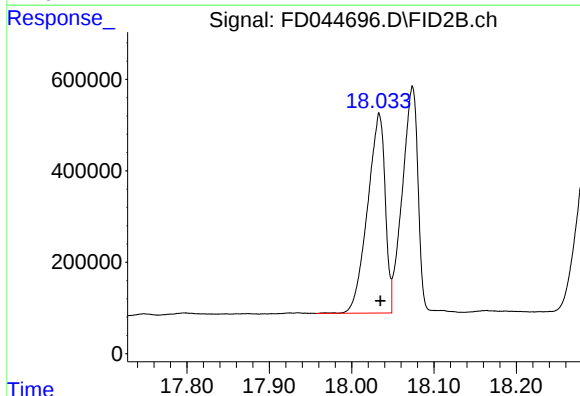
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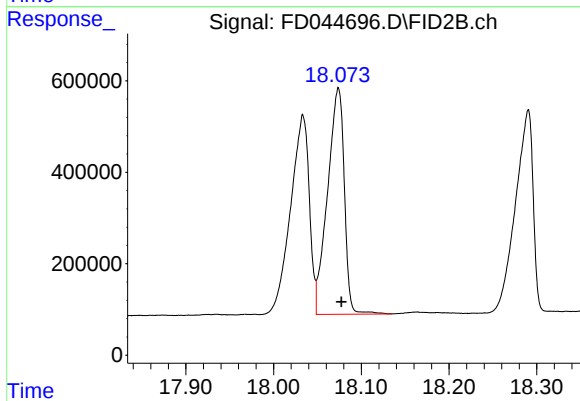
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.675 min
Delta R.T.: -0.005 min
Response: 6090908
Conc: 47.13 ug/ml



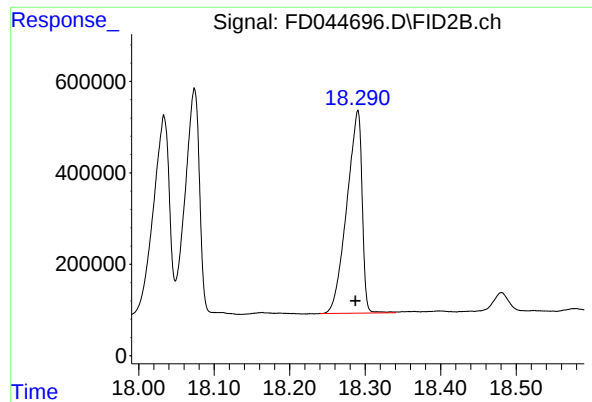
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.033 min
Delta R.T.: -0.002 min
Response: 6488191
Conc: 50.91 ug/ml



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

R.T.: 18.073 min
Delta R.T.: -0.004 min
Response: 6579027
Conc: 52.29 ug/ml



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

R.T.: 18.289 min
Delta R.T.: 0.002 min
Response: 6238251
Conc: 48.50 ug/ml

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