

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112724AR\
 Data File : FD048828.D
 Signal(s) : FID2B.ch
 Acq On : 27 Nov 2024 11:51
 Operator : YP/AJ
 Sample : P5002-01MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EX-7-TPH-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2024
 Supervised By :Ankita Jodhani 12/02/2024

Integration File: autoint1.e
 Quant Time: Nov 28 02:42:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.370	12894631	73.241 ug/ml
Spiked Amount 50.000		Recovery =	146.48%
6) S 2-Fluorobiphenyl (SURR)	8.226	6829230	59.297 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.59%
11) S ortho-Terphenyl (SURR)	11.269	9997491	51.979 ug/mlm
Spiked Amount 50.000		Recovery =	103.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.186	5573744	29.575 ug/ml
2) T Naphthalene (C11.7)	5.705	7726356	39.506 ug/ml
3) T 2-Methylnaphthalene (...)	6.759	15602628	81.644 ug/ml
5) T Acenaphthylene (C15.06)	8.029	24568688	126.691 ug/mlm
7) T Acenaphthene (C15.5)	8.324	13175008	68.497 ug/ml
8) T Flouorene (C16.55)	9.111	16354264	85.244 ug/mlm
9) T Phenanthrene (C19.36)	10.506	26669910	145.496 ug/mlm
10) T Anthracene (C19.43)	10.576	12982325	69.324 ug/mlm
12) T Fluoranthene (C21.85)	12.307	11884868	64.901 ug/mlm
13) T Pyrene (C20.8)	12.598	11884219	65.734 ug/mlm
14) T Benzo[a]anthracene (C...	14.457	8766446	53.291 ug/ml
15) T Chrysene (C27.41)	14.501	8749217	49.992 ug/ml
16) T benzo[b]fluoranthene ...	16.005	8089507	51.487 ug/ml
17) T Bnezo[k]fluoranthene ...	16.038	7682960	47.078 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.380	7504314	50.332 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.747	7721880	62.510 ug/ml
20) T Dibenz[a,h]anthracene...	17.784	7102312	45.291 ug/ml
21) T Benzo[g,h,i]perylene ...	17.998	6886032	48.260 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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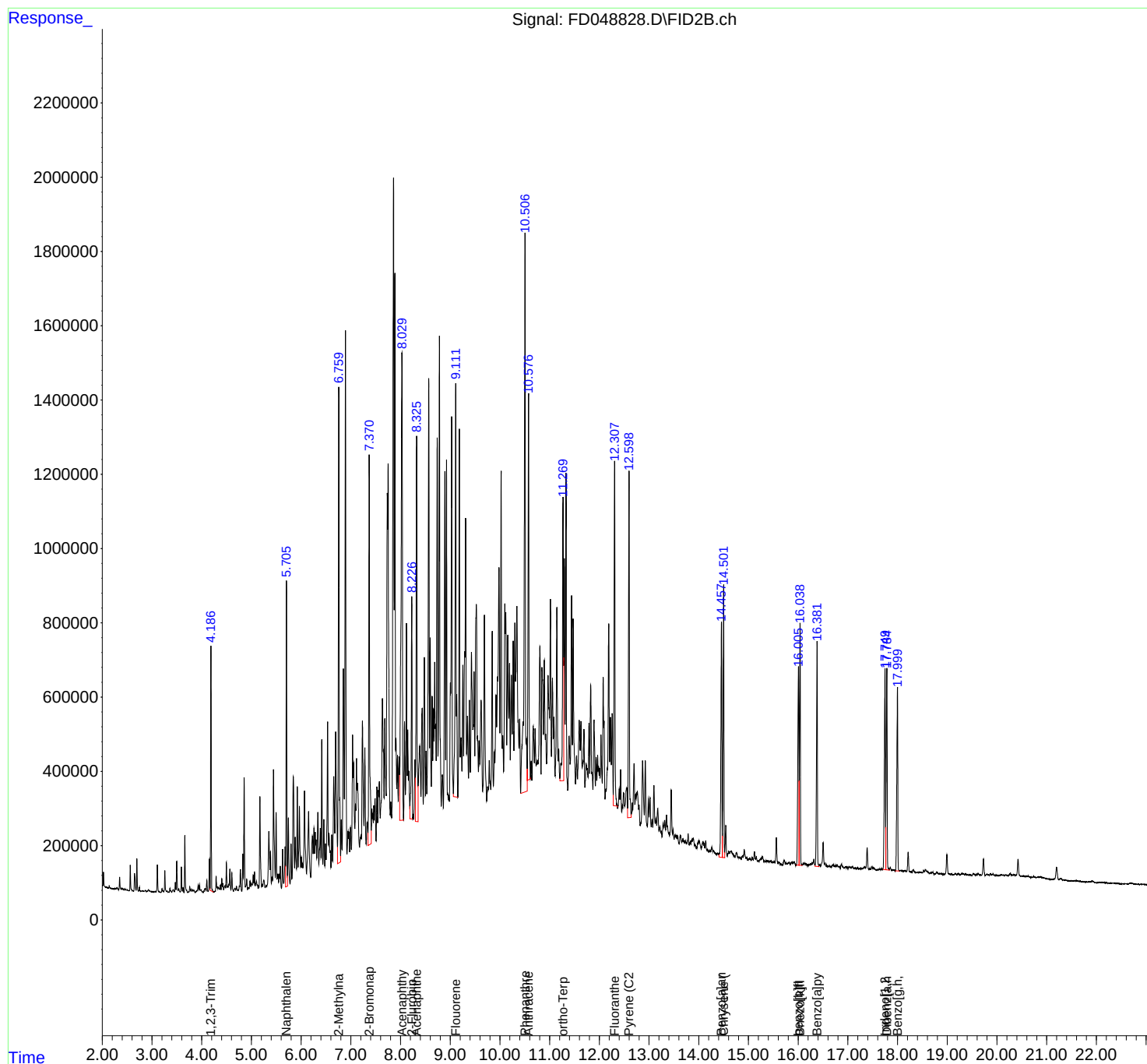
Instrument :
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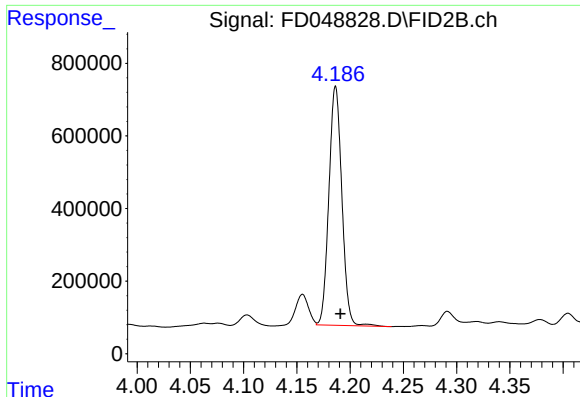
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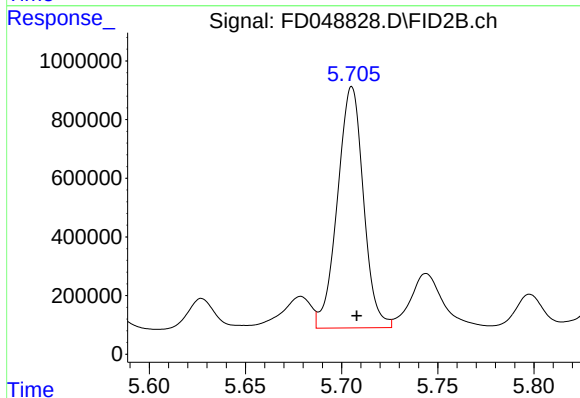
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.186 min
Delta R.T.: -0.005 min
Response: 5573744
Conc: 29.57 ug/ml

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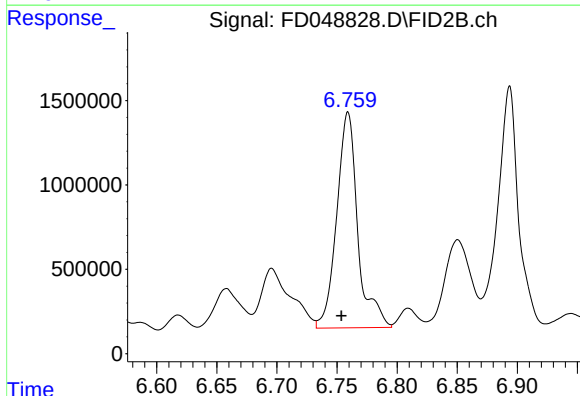
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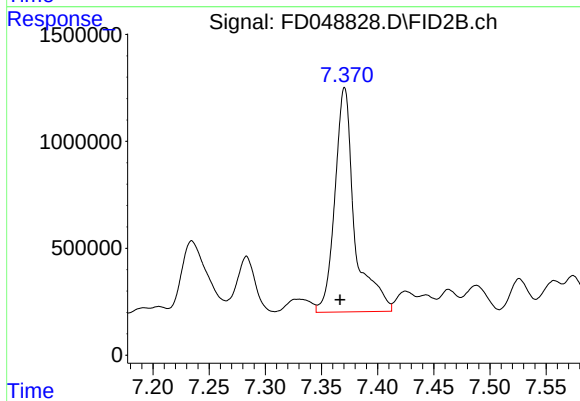
#2 Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 7726356
Conc: 39.51 ug/ml



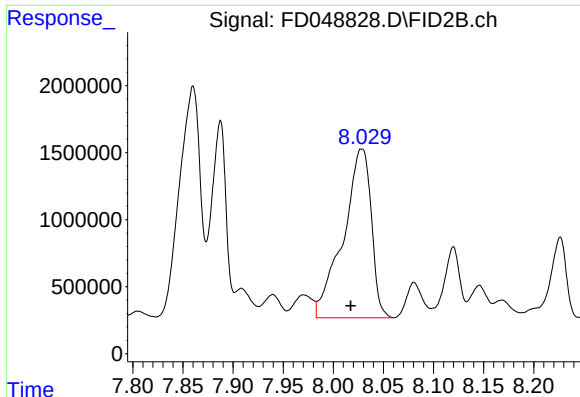
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.759 min
Delta R.T.: 0.005 min
Response: 15602628
Conc: 81.64 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.370 min
Delta R.T.: 0.004 min
Response: 12894631
Conc: 73.24 ug/ml



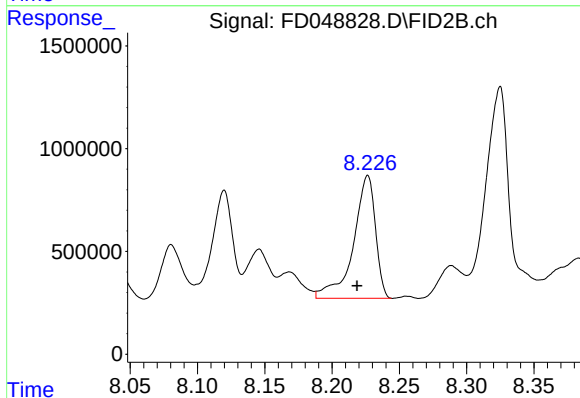
#5 Acenaphthylene (C15.06)

R.T.: 8.029 min
Delta R.T.: 0.011 min
Response: 24568688
Conc: 126.69 ug/ml

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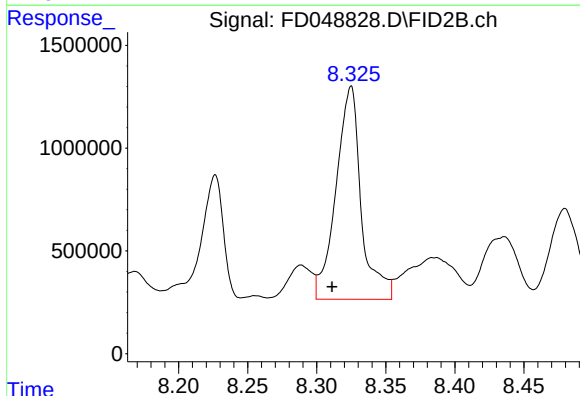
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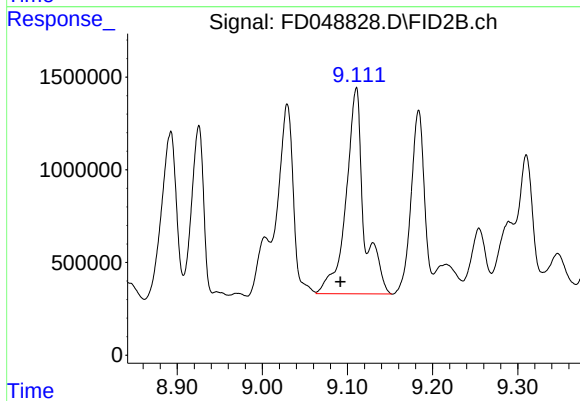
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.226 min
Delta R.T.: 0.008 min
Response: 6829230
Conc: 59.30 ug/ml m



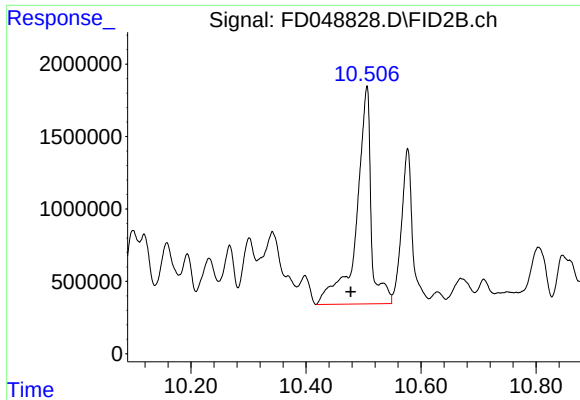
#7 Acenaphthene (C15.5)

R.T.: 8.324 min
Delta R.T.: 0.013 min
Response: 13175008
Conc: 68.50 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.111 min
Delta R.T.: 0.019 min
Response: 16354264
Conc: 85.24 ug/ml m



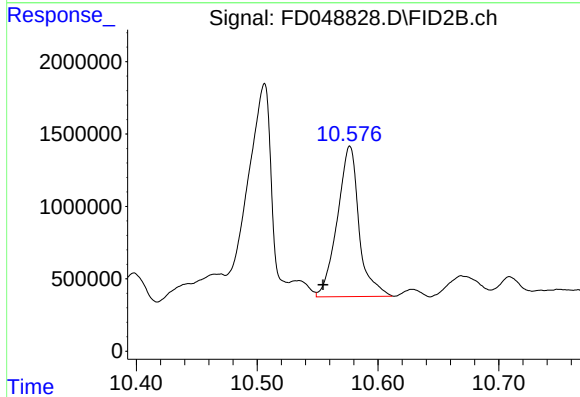
#9 Phenanthrene (C19.36)

R.T.: 10.506 min
Delta R.T.: 0.028 min
Response: 26669910
Conc: 145.50 ug/ml

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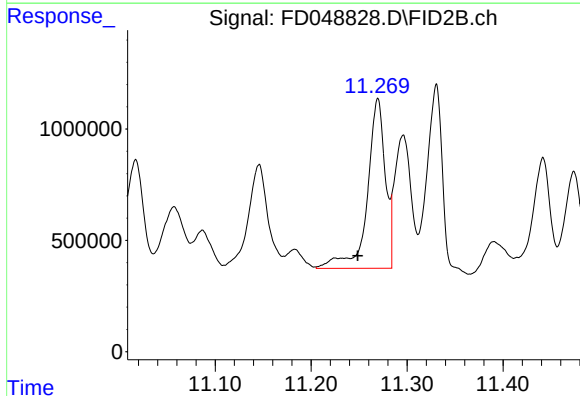
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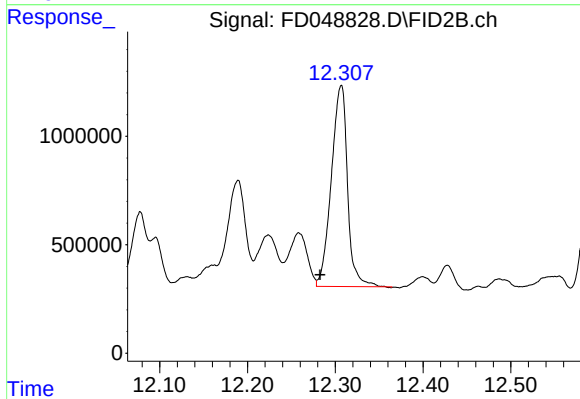
#10 Anthracene (C19.43)

R.T.: 10.576 min
Delta R.T.: 0.022 min
Response: 12982325
Conc: 69.32 ug/ml m



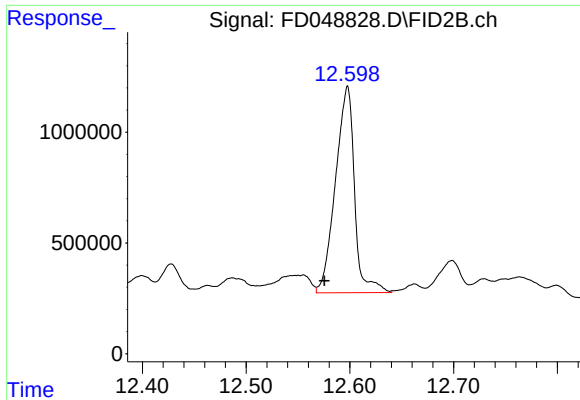
#11 ortho-Terphenyl (SURR)

R.T.: 11.269 min
Delta R.T.: 0.021 min
Response: 9997491
Conc: 51.98 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.307 min
Delta R.T.: 0.024 min
Response: 11884868
Conc: 64.90 ug/ml m



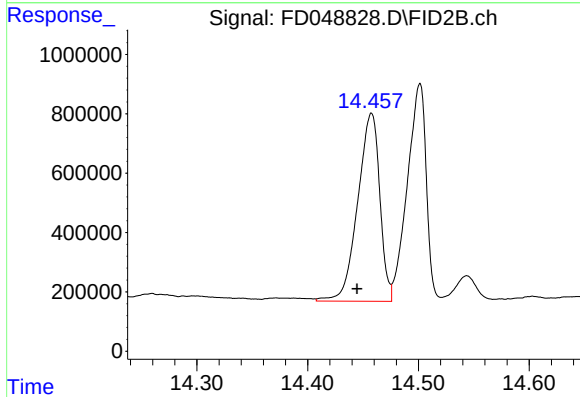
#13 Pyrene (C20.8)

R.T.: 12.598 min
Delta R.T.: 0.022 min
Response: 11884219
Conc: 65.73 ug/ml

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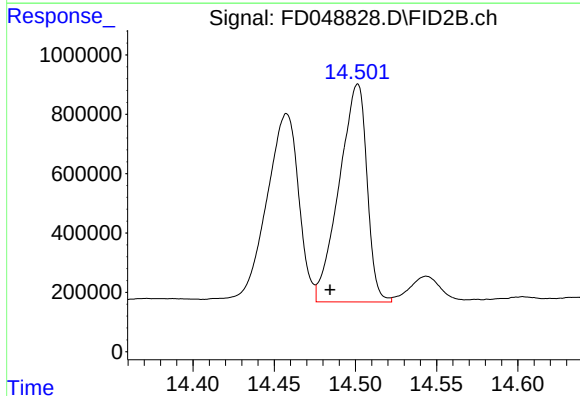
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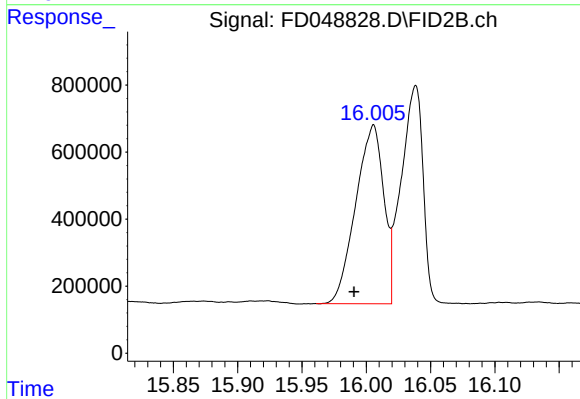
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.457 min
Delta R.T.: 0.013 min
Response: 8766446
Conc: 53.29 ug/ml



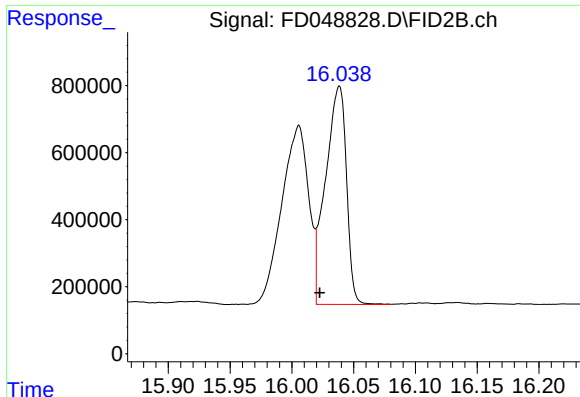
#15 Chrysene (C27.41)

R.T.: 14.501 min
Delta R.T.: 0.016 min
Response: 8749217
Conc: 49.99 ug/ml



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

R.T.: 16.005 min
Delta R.T.: 0.014 min
Response: 8089507
Conc: 51.49 ug/ml



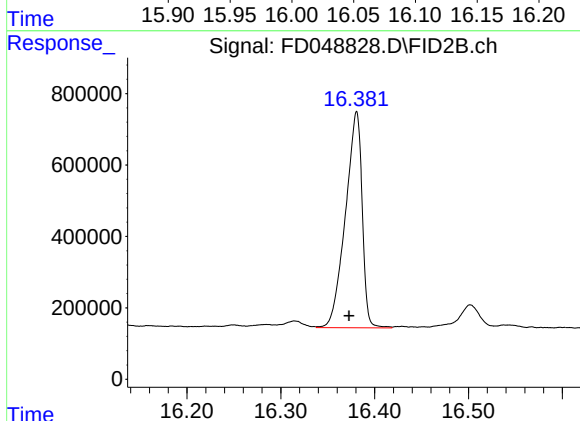
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.038 min
Delta R.T.: 0.015 min
Response: 7682960
Conc: 47.08 ug/ml

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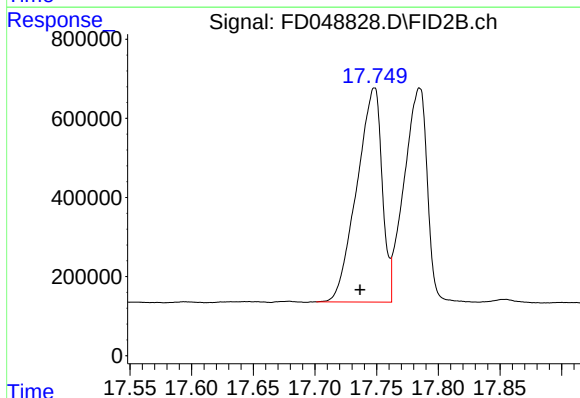
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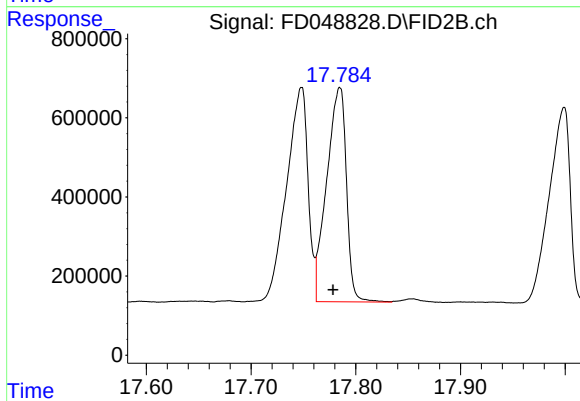
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.380 min
Delta R.T.: 0.008 min
Response: 7504314
Conc: 50.33 ug/ml



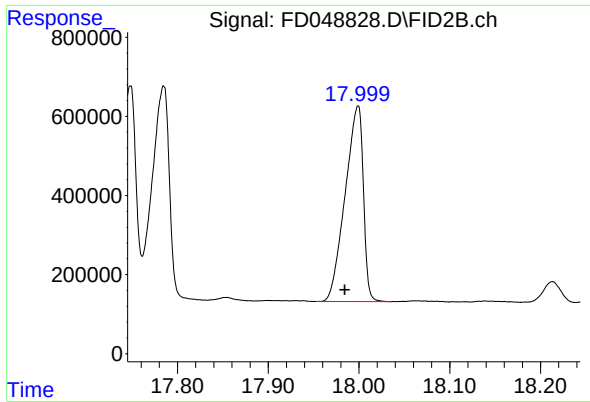
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.747 min
Delta R.T.: 0.010 min
Response: 7721880
Conc: 62.51 ug/ml



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

R.T.: 17.784 min
Delta R.T.: 0.005 min
Response: 7102312
Conc: 45.29 ug/ml



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

R.T.: 17.998 min
Delta R.T.: 0.014 min
Response: 6886032
Conc: 48.26 ug/ml

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