

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121224AR\
 Data File : FD048888.D
 Signal(s) : FID2B.ch
 Acq On : 12 Dec 2024 17:29
 Operator : YP/AJ
 Sample : PB165607BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB165607BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :Ankita Jodhani 12/13/2024

Integration File: autoint1.e

Quant Time: Dec 13 01:28:27 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 06:07:50 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...	7.363	8919812	52.957 ug/ml
Spiked Amount 50.000		Recovery =	105.91%
6) S 2-Fluorobiphenyl (SURR)	8.213	5972237	57.810 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.62%
11) S ortho-Terphenyl (SURR)	11.249	8462585	47.633 ug/ml
Spiked Amount 50.000		Recovery =	95.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.186	6529436	34.486 ug/ml
2) T Naphthalene (C11.7)	5.703	8012274	41.931 ug/ml
3) T 2-Methylnaphthalene (...)	6.749	7987963	43.229 ug/ml
5) T Acenaphthylene (C15.06)	8.016	8541012	45.764 ug/ml
7) T Acenaphthene (C15.5)	8.311	9298812	49.930 ug/ml
8) T Flouorene (C16.55)	9.090	9380700	52.497 ug/ml
9) T Phenanthrene (C19.36)	10.478	9362857	56.057 ug/ml
10) T Anthracene (C19.43)	10.554	9480134	55.857 ug/ml
12) T Fluoranthene (C21.85)	12.284	9456886	57.774 ug/mlm
13) T Pyrene (C20.8)	12.577	9749502	59.944 ug/ml
14) T Benzo[a]anthracene (C...	14.446	8352357	63.223 ug/ml
15) T Chrysene (C27.41)	14.489	8493745	52.612 ug/ml
16) T benzo[b]fluoranthene ...	15.995	8171236	60.695 ug/ml
17) T Bnezo[k]fluoranthene ...	16.030	8201253	53.843 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.370	7867740	56.885 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.740	8201463	76.959 ug/ml
20) T Dibenz[a,h]anthracene...	17.777	7836538	54.035 ug/ml
21) T Benzo[g,h,i]perylene ...	17.992	7613091	54.299 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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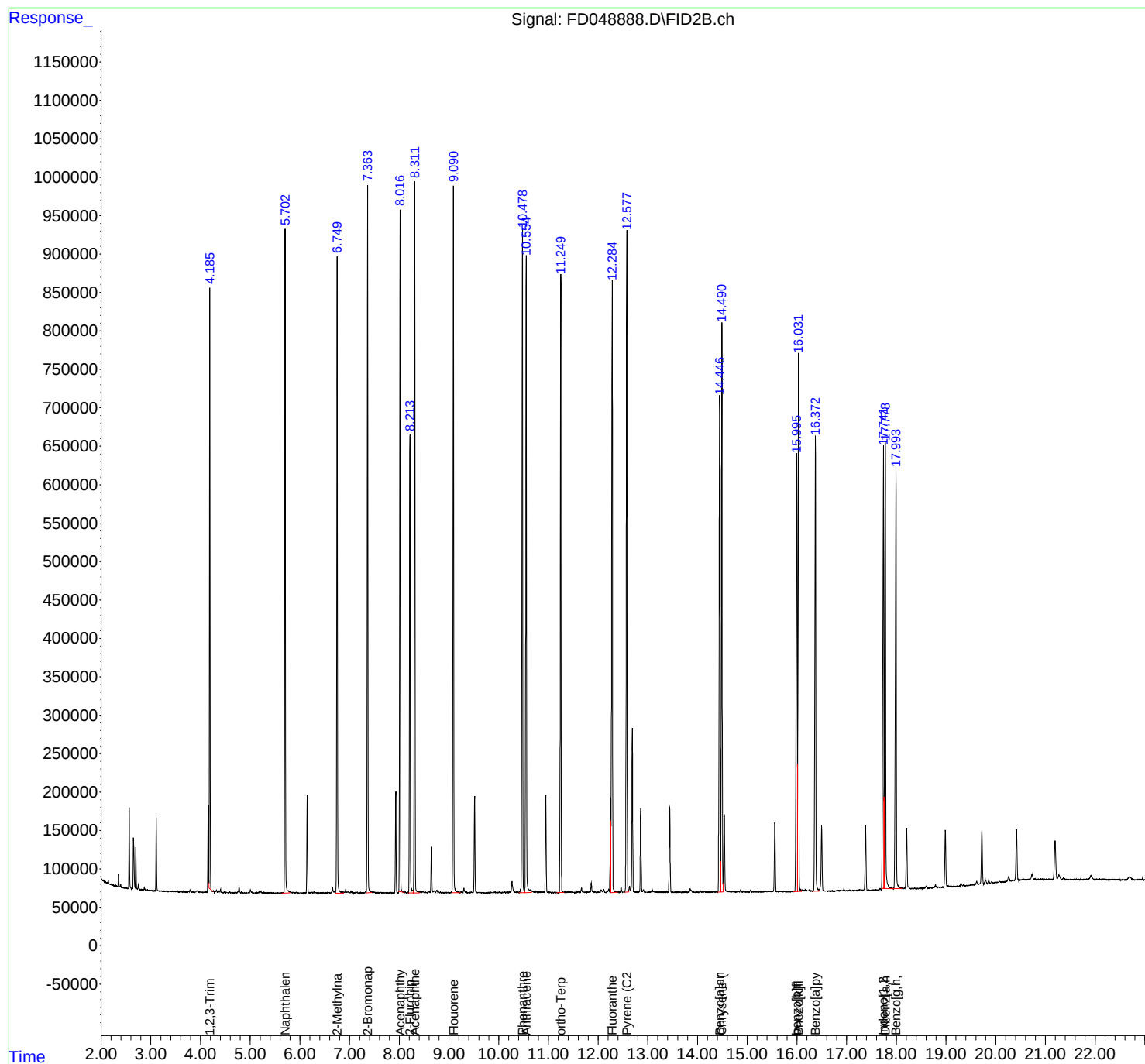
Response via : Initial Calibration

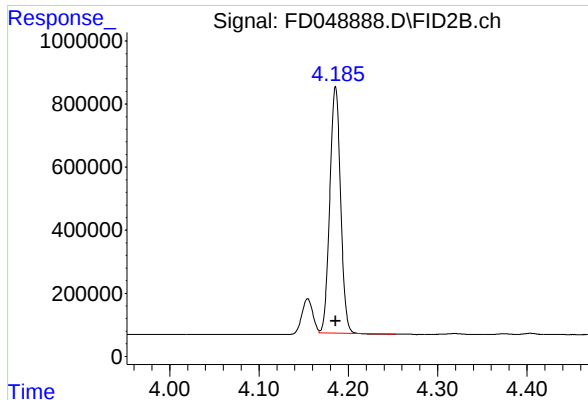
Integrator: ChemStation

Volume Inj. : 1 µl

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Signal Info : 20M x 0.18mm x 0.18µm





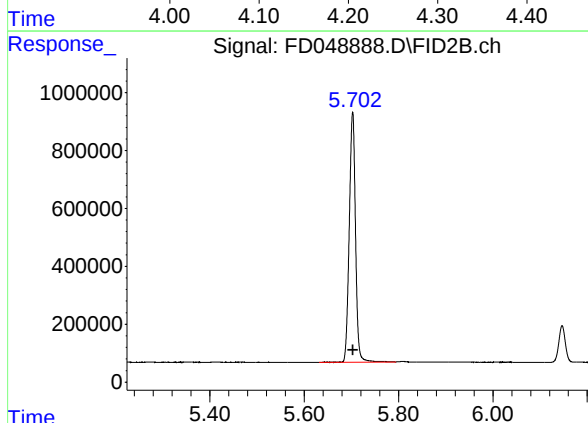
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.186 min
Delta R.T.: 0.000 min
Response: 6529436
Conc: 34.49 ug/ml

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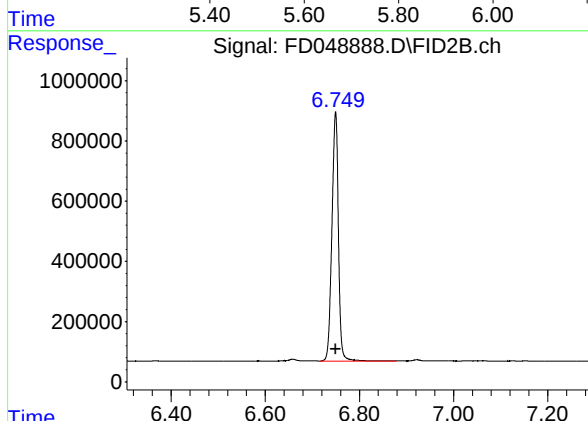
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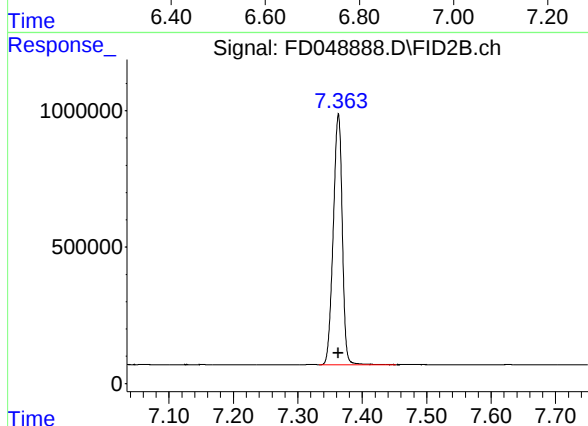
#2 Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: 0.000 min
Response: 8012274
Conc: 41.93 ug/ml



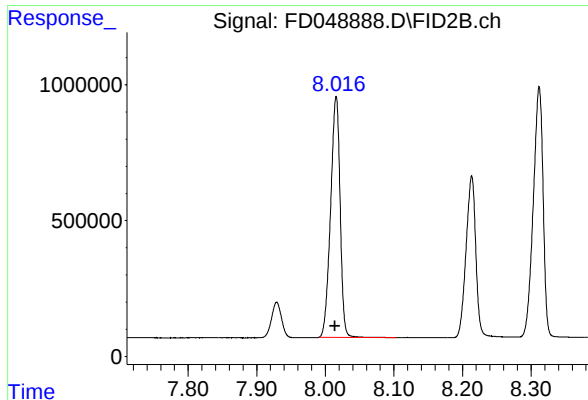
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 7987963
Conc: 43.23 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 8919812
Conc: 52.96 ug/ml



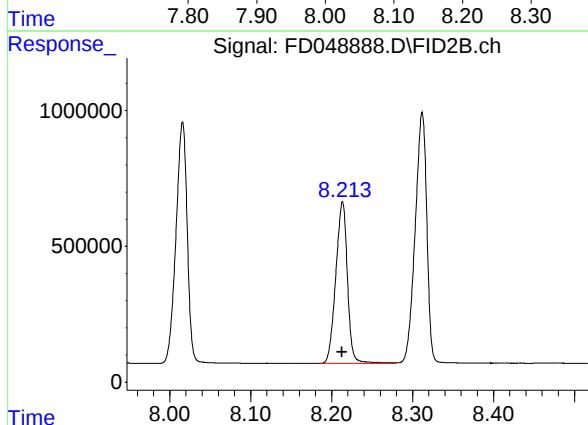
#5 Acenaphthylene (C15.06)

R.T.: 8.016 min
Delta R.T.: 0.001 min
Response: 8541012
Conc: 45.76 ug/ml

Instrument :
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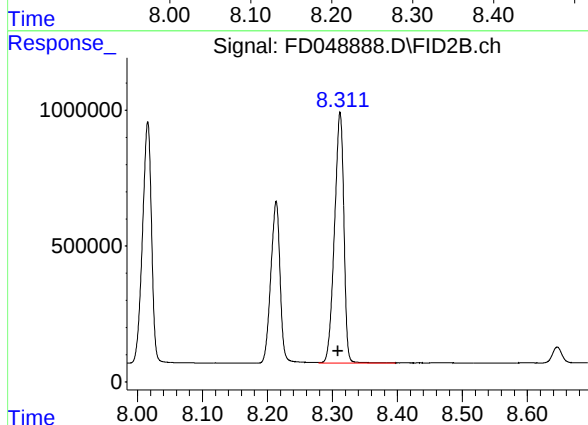
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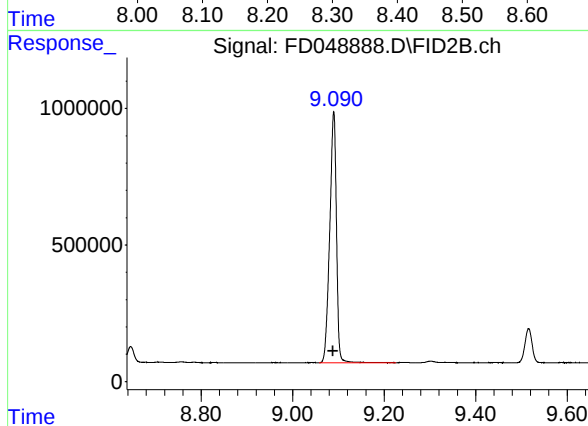
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.213 min
Delta R.T.: 0.000 min
Response: 5972237
Conc: 57.81 ug/ml



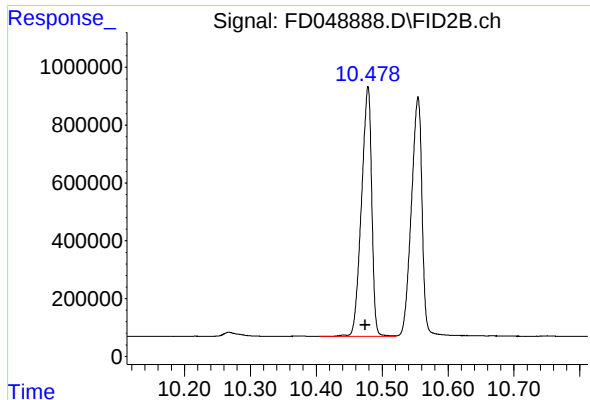
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.003 min
Response: 9298812
Conc: 49.93 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.090 min
Delta R.T.: 0.002 min
Response: 9380700
Conc: 52.50 ug/ml



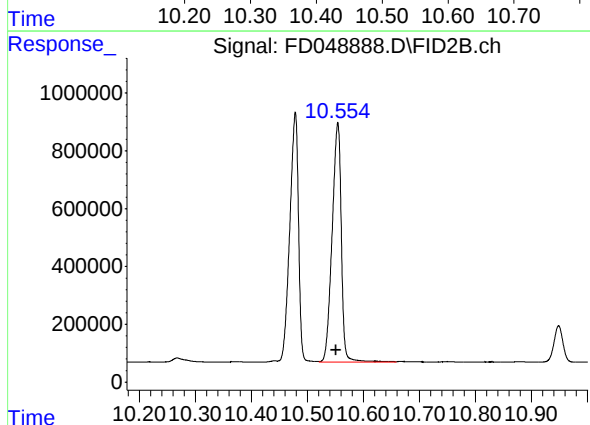
#9 Phenanthrene (C19.36)

R.T.: 10.478 min
Delta R.T.: 0.003 min
Response: 9362857
Conc: 56.06 ug/ml

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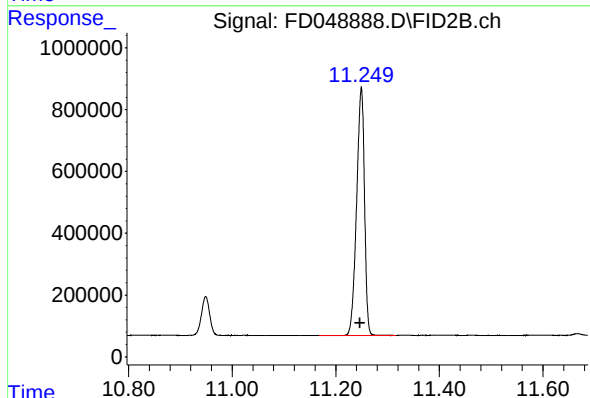
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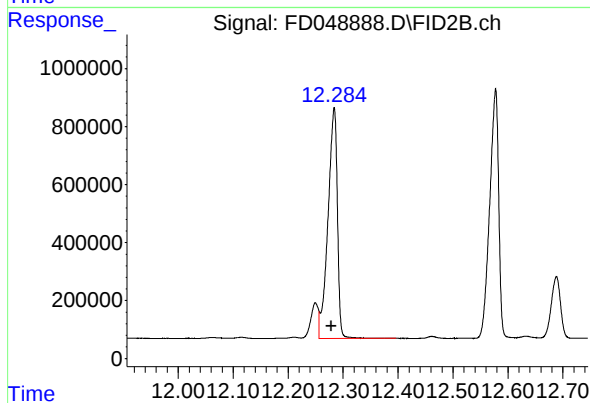
#10 Anthracene (C19.43)

R.T.: 10.554 min
Delta R.T.: 0.003 min
Response: 9480134
Conc: 55.86 ug/ml



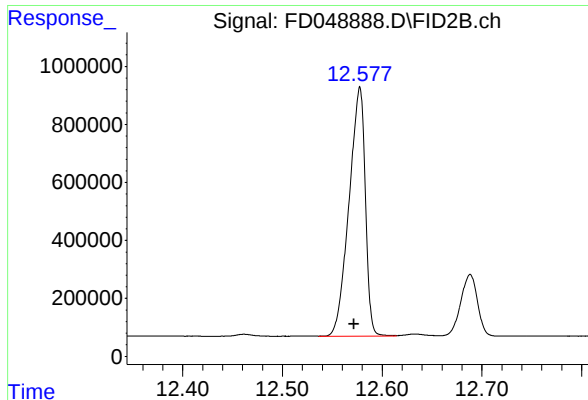
#11 ortho-Terphenyl (SURR)

R.T.: 11.249 min
Delta R.T.: 0.002 min
Response: 8462585
Conc: 47.63 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.284 min
Delta R.T.: 0.005 min
Response: 9456886
Conc: 57.77 ug/ml m



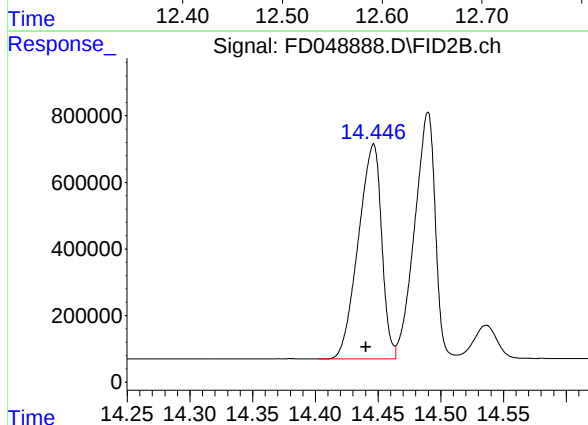
#13 Pyrene (C20.8)

R.T.: 12.577 min
Delta R.T.: 0.005 min
Response: 9749502
Conc: 59.94 ug/ml

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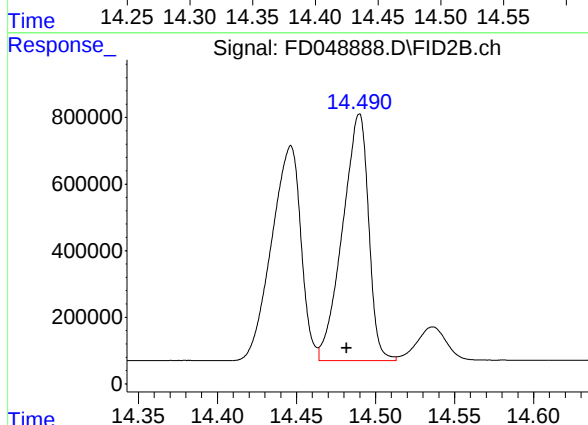
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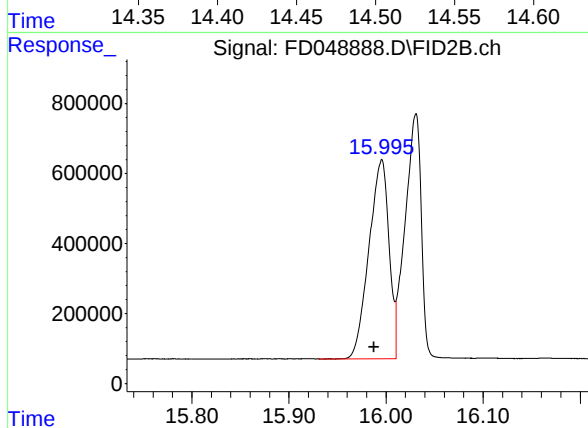
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.446 min
Delta R.T.: 0.005 min
Response: 8352357
Conc: 63.22 ug/ml



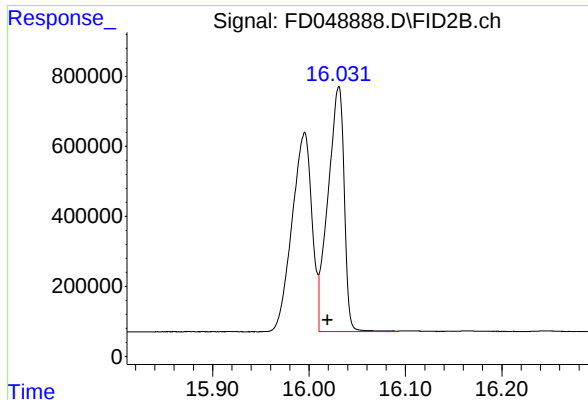
#15 Chrysene (C27.41)

R.T.: 14.489 min
Delta R.T.: 0.008 min
Response: 8493745
Conc: 52.61 ug/ml



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

R.T.: 15.995 min
Delta R.T.: 0.007 min
Response: 8171236
Conc: 60.69 ug/ml



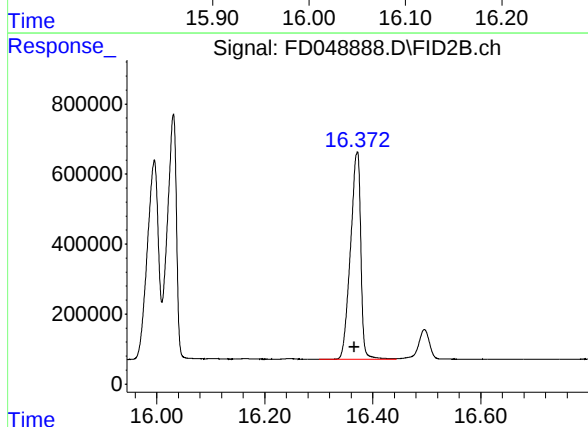
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.030 min
Delta R.T.: 0.011 min
Response: 8201253
Conc: 53.84 ug/ml

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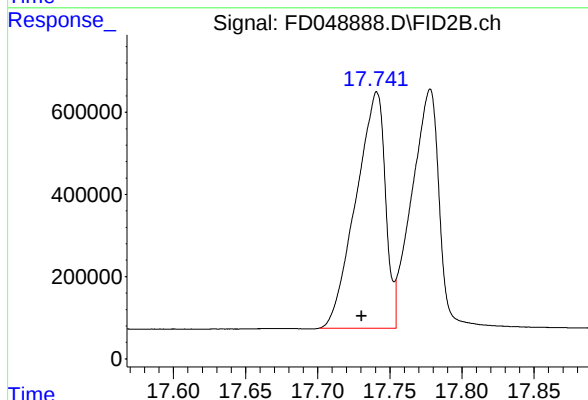
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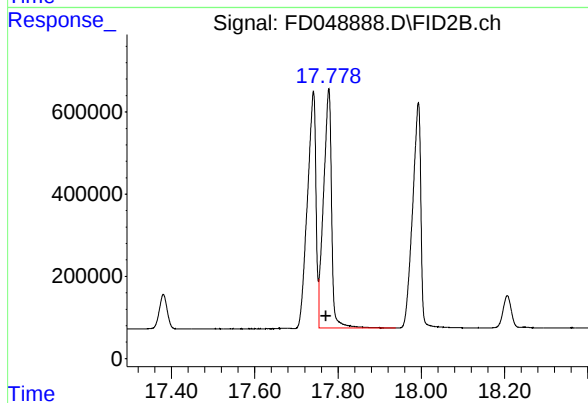
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.370 min
Delta R.T.: 0.004 min
Response: 7867740
Conc: 56.88 ug/ml



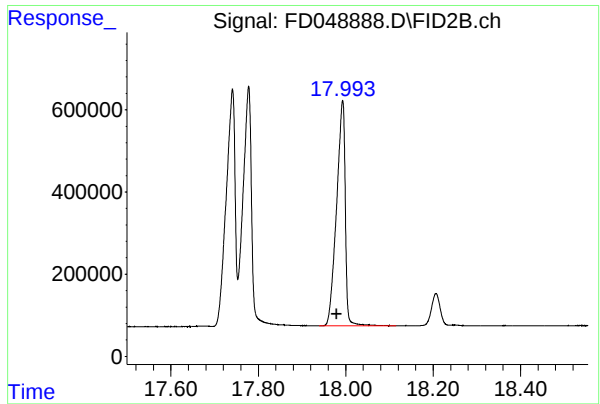
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.740 min
Delta R.T.: 0.010 min
Response: 8201463
Conc: 76.96 ug/ml



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

R.T.: 17.777 min
Delta R.T.: 0.006 min
Response: 7836538
Conc: 54.03 ug/ml



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

R.T.: 17.992 min
Delta R.T.: 0.013 min
Response: 7613091
Conc: 54.30 ug/ml

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