

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110724AR\
 Data File : FF014962.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2024 17:49
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :Ankita Jodhani 11/08/2024

Integration File: autoint1.e
 Quant Time: Nov 08 08:44:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 08 08:43:02 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...	8.004	12422962	89.821 ug/ml
Spiked Amount 50.000		Recovery =	179.64%
6) S 2-Fluorobiphenyl (SURR)	8.881	8355385	90.230 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	180.46%#
11) S ortho-Terphenyl (SURR)	11.942	13667242	89.500 ug/ml
Spiked Amount 50.000		Recovery =	179.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.619	14196718	89.652 ug/ml
2) T Naphthalene (C11.7)	6.286	14671962	90.176 ug/ml
3) T 2-Methylnaphthalene (...)	7.381	14656666	89.717 ug/ml
5) T Acenaphthylene (C15.06)	8.682	14182124	89.879 ug/ml
7) T Acenaphthene (C15.5)	8.983	14151373	89.827 ug/ml
8) T Flouorene (C16.55)	9.772	13843456	90.021 ug/ml
9) T Phenanthrene (C19.36)	11.179	13560434	90.188 ug/ml
10) T Anthracene (C19.43)	11.255	12697609	89.257 ug/ml
12) T Fluoranthene (C21.85)	13.002	13042482	90.173 ug/ml
13) T Pyrene (C20.8)	13.302	12858274	90.017 ug/ml
14) T Benzo[a]anthracene (C...	15.182	12370256	89.854 ug/ml
15) T Chrysene (C27.41)	15.230	12487877	89.463 ug/ml
16) T benzo[b]fluoranthene ...	16.745	12785171	90.126 ug/ml
17) T Bnezo[k]fluoranthene ...	16.784	11850586	89.286 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.129	12555477	89.465 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.505	13034406	92.356 ug/mlm
20) T Dibenz[a,h]anthracene...	18.545	12452315	81.023 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.769	13563058	88.499 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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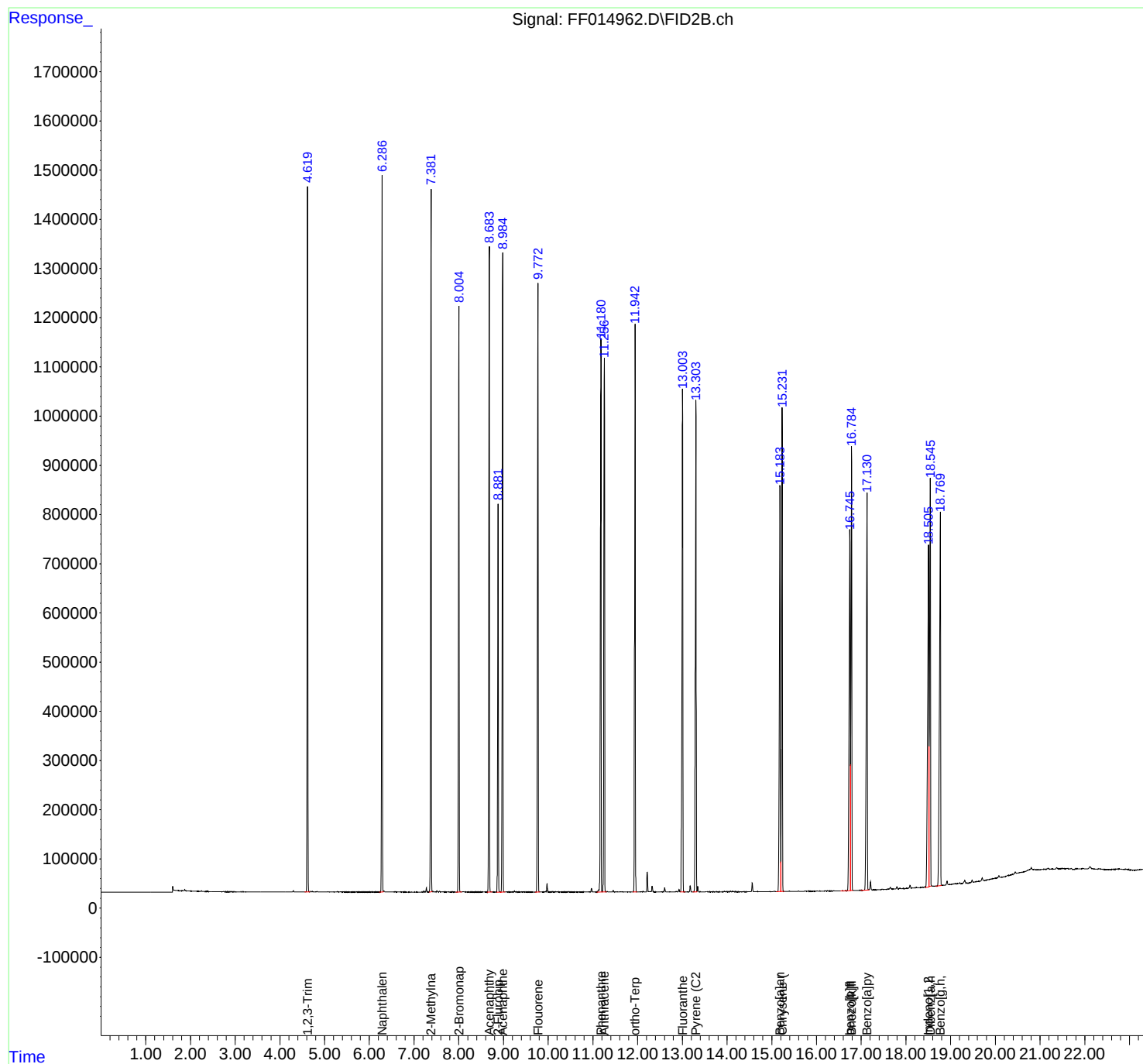
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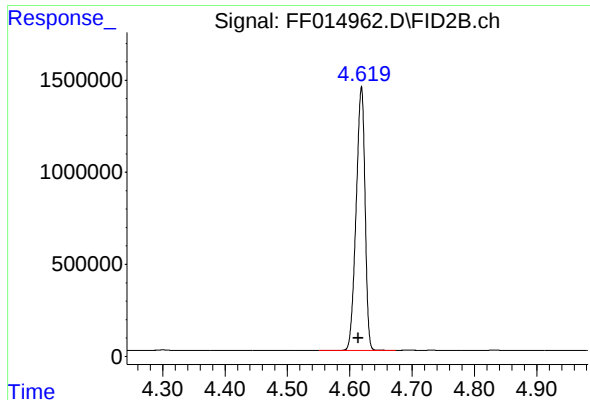
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.619 min
Delta R.T.: 0.005 min
Response: 14196718
Conc: 89.65 ug/ml

Instrument :

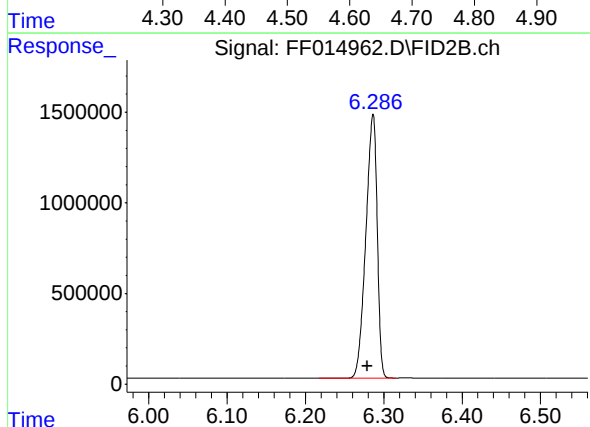
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ClientSampleId :

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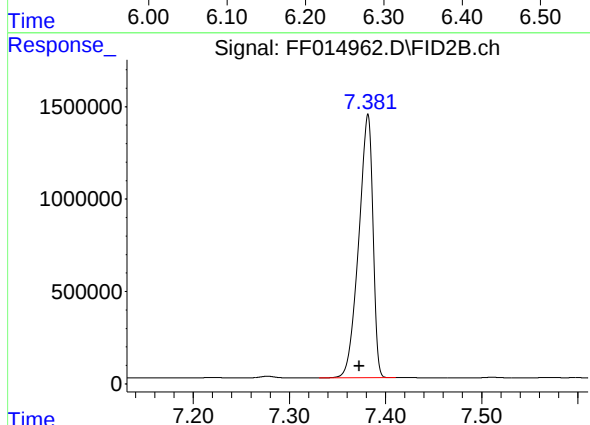
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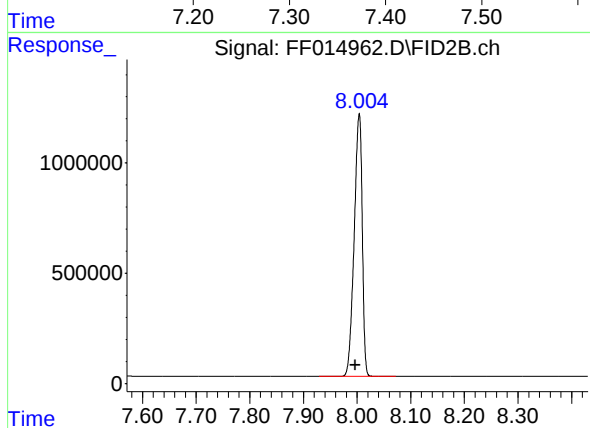
#2 Naphthalene (C11.7)

R.T.: 6.286 min
Delta R.T.: 0.007 min
Response: 14671962
Conc: 90.18 ug/ml



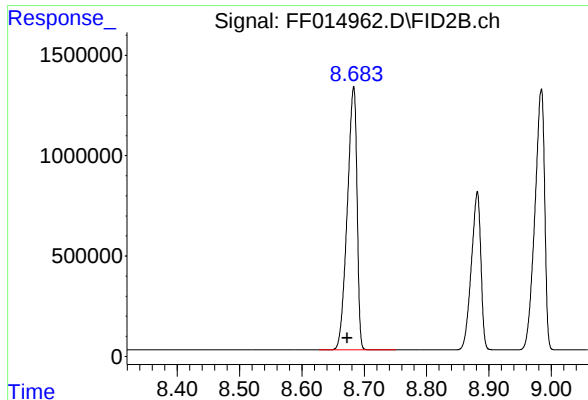
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.381 min
Delta R.T.: 0.008 min
Response: 14656666
Conc: 89.72 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.004 min
Delta R.T.: 0.007 min
Response: 12422962
Conc: 89.82 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.682 min
Delta R.T.: 0.010 min
Response: 14182124
Conc: 89.88 ug/ml

Instrument :

FID_F

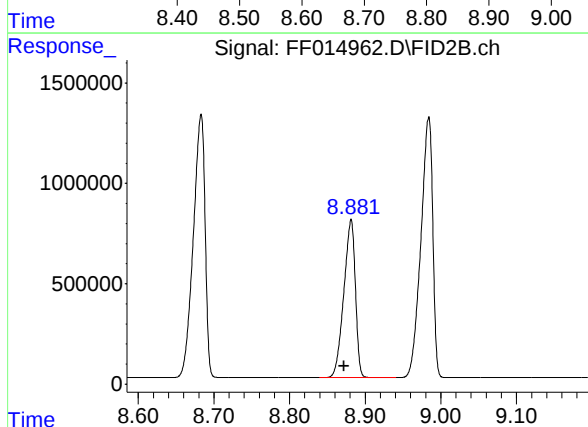
ClientSampleId :

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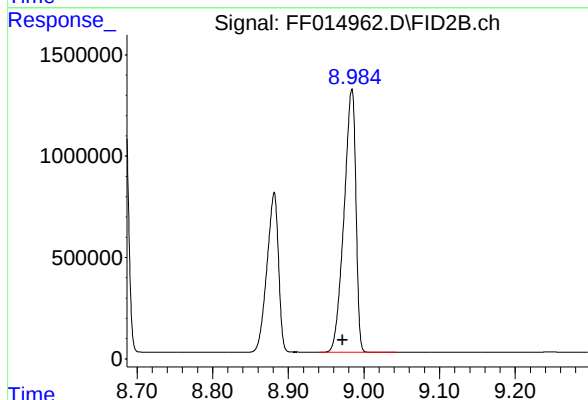
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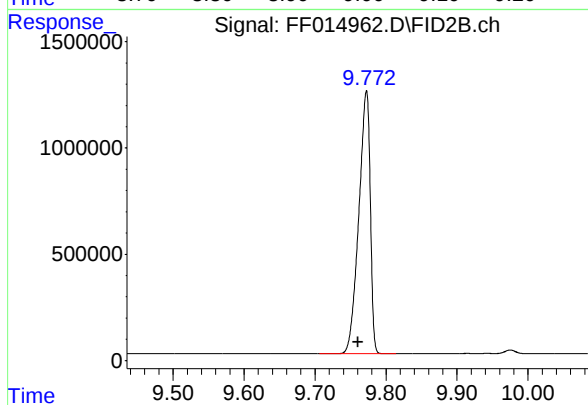
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.881 min
Delta R.T.: 0.009 min
Response: 8355385
Conc: 90.23 ug/ml



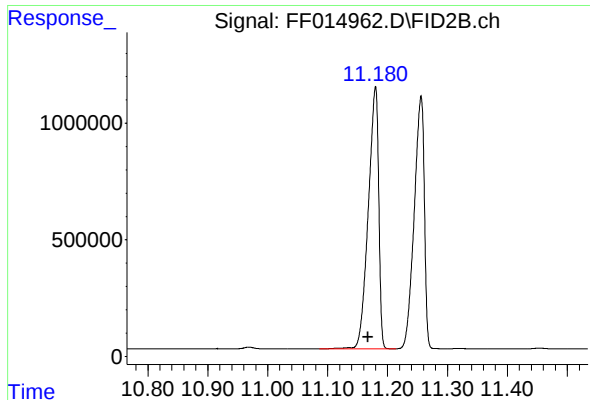
#7 Acenaphthene (C15.5)

R.T.: 8.983 min
Delta R.T.: 0.011 min
Response: 14151373
Conc: 89.83 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.772 min
Delta R.T.: 0.011 min
Response: 13843456
Conc: 90.02 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.179 min
Delta R.T.: 0.012 min
Response: 13560434
Conc: 90.19 ug/ml

Instrument :

FID_F

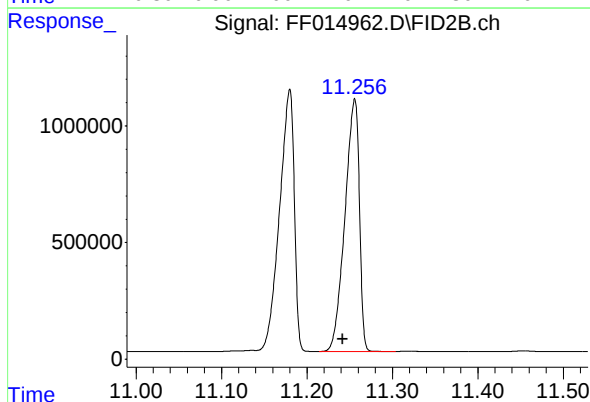
ClientSampleId :

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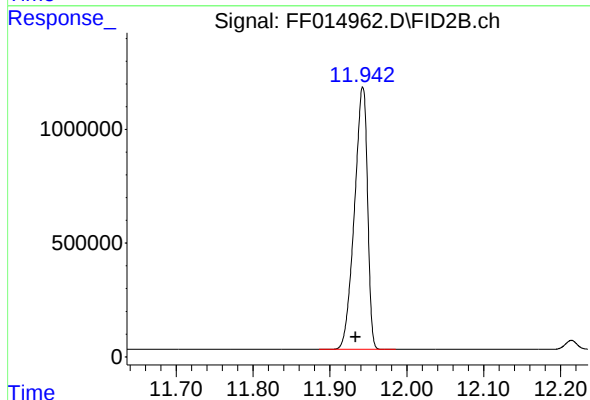
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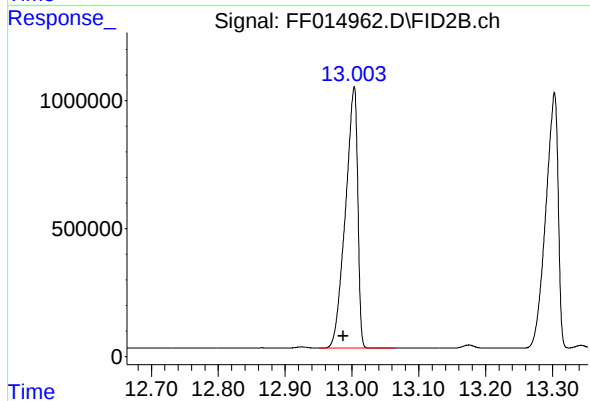
#10 Anthracene (C19.43)

R.T.: 11.255 min
Delta R.T.: 0.013 min
Response: 12697609
Conc: 89.26 ug/ml



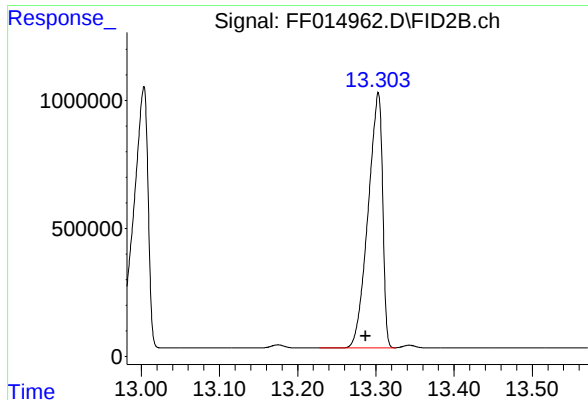
#11 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: 0.009 min
Response: 13667242
Conc: 89.50 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.002 min
Delta R.T.: 0.015 min
Response: 13042482
Conc: 90.17 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.302 min
Delta R.T.: 0.016 min
Response: 12858274
Conc: 90.02 ug/ml

Instrument :

FID_F

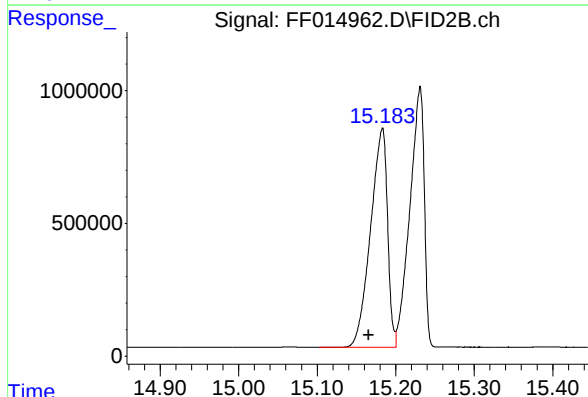
ClientSampleId :

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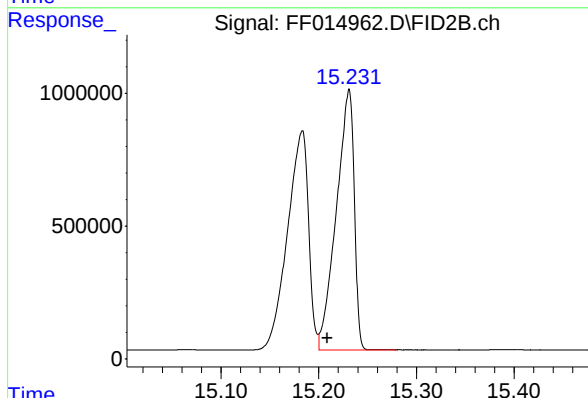
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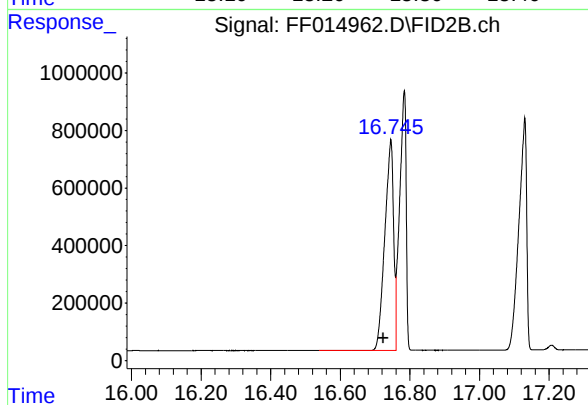
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.182 min
Delta R.T.: 0.017 min
Response: 12370256
Conc: 89.85 ug/ml



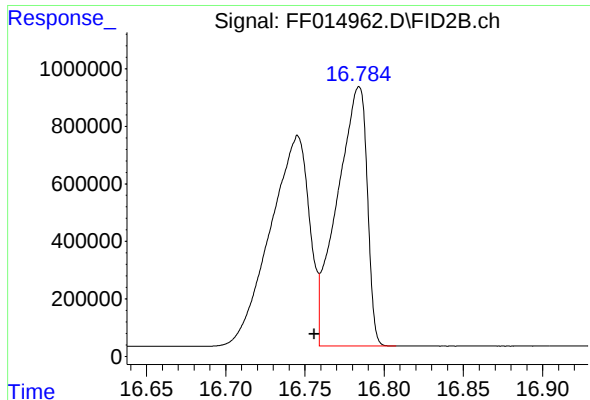
#15 Chrysene (C27.41)

R.T.: 15.230 min
Delta R.T.: 0.021 min
Response: 12487877
Conc: 89.46 ug/ml



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

R.T.: 16.745 min
Delta R.T.: 0.021 min
Response: 12785171
Conc: 90.13 ug/ml



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

R.T.: 16.784 min
Delta R.T.: 0.028 min
Response: 11850586
Conc: 89.29 ug/ml

Instrument :

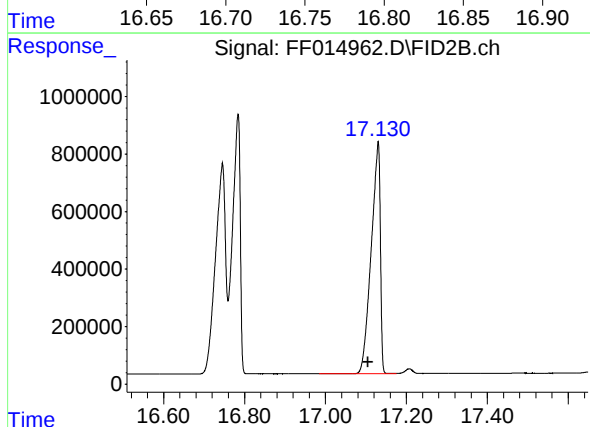
FID_F

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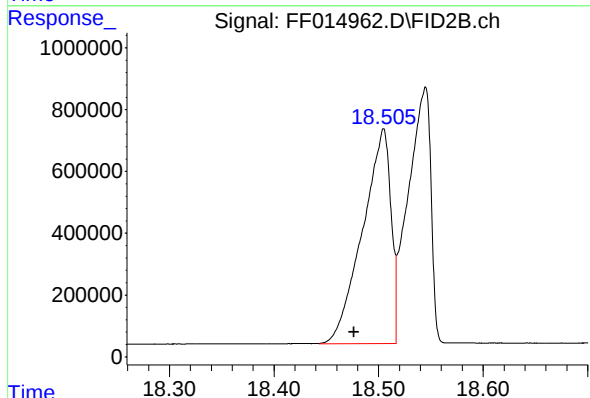
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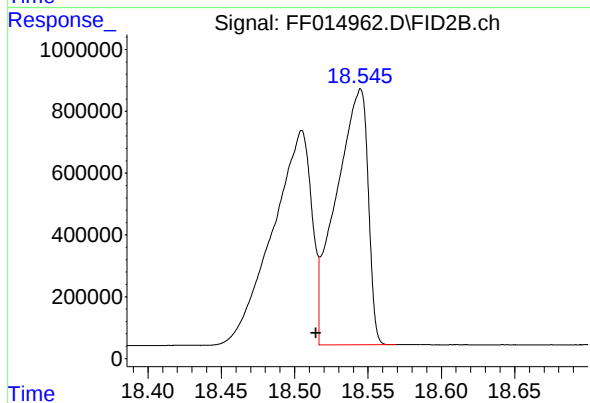
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.129 min
Delta R.T.: 0.024 min
Response: 12555477
Conc: 89.47 ug/ml



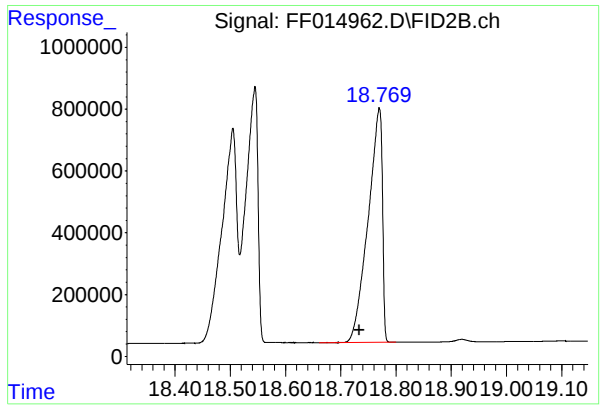
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.505 min
Delta R.T.: 0.029 min
Response: 13034406
Conc: 92.36 ug/ml m



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

R.T.: 18.545 min
Delta R.T.: 0.030 min
Response: 12452315
Conc: 81.02 ug/ml m



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

R.T.: 18.769 min
Delta R.T.: 0.035 min
Response: 13563058
Conc: 88.50 ug/ml

Instrument :

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