

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012825AR\
 Data File : FF015328.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jan 2025 16:49
 Operator : YP\AJ
 Sample : PB166218BSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB166218BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/29/2025
 Supervised By :Ankita Jodhani 01/29/2025

Integration File: autoint1.e
 Quant Time: Jan 29 00:47:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 07:05:42 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...	7.993	8894035	67.379 ug/ml
Spiked Amount 50.000		Recovery =	134.76%
6) S 2-Fluorobiphenyl (SURR)	8.866	5036514	59.669 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	119.34%
11) S ortho-Terphenyl (SURR)	11.931	8717752	50.642 ug/ml
Spiked Amount 50.000		Recovery =	101.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.604	6860785	42.772 ug/ml
2) T Naphthalene (C11.7)	6.271	8352411	52.093 ug/ml
3) T 2-Methylnaphthalene (...)	7.366	8276884	52.050 ug/ml
5) T Acenaphthylene (C15.06)	8.668	9848852	61.982 ug/ml
7) T Acenaphthene (C15.5)	8.969	10301926	63.178 ug/ml
8) T Fluorene (C16.55)	9.758	10667883	67.751 ug/ml
9) T Phenanthrene (C19.36)	11.164	10688075	66.941 ug/ml
10) T Anthracene (C19.43)	11.241	10674090	72.297 ug/ml
12) T Fluoranthene (C21.85)	12.987	10809095	65.338 ug/ml
13) T Pyrene (C20.8)	13.287	10703803	66.082 ug/ml
14) T Benzo[a]anthracene (C...	15.168	9917954	66.483 ug/ml
15) T Chrysene (C27.41)	15.214	10932388	70.382 ug/ml
16) T benzo[b]fluoranthene ...	16.728	9730394	65.752 ug/ml
17) T Bnezo[k]fluoranthene ...	16.765	9811165	69.391 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.111	9269954	65.244 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.488	10032761	79.620 ug/ml
20) T Dibenz[a,h]anthracene...	18.526	9219293	62.313 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.748	9625386	71.304 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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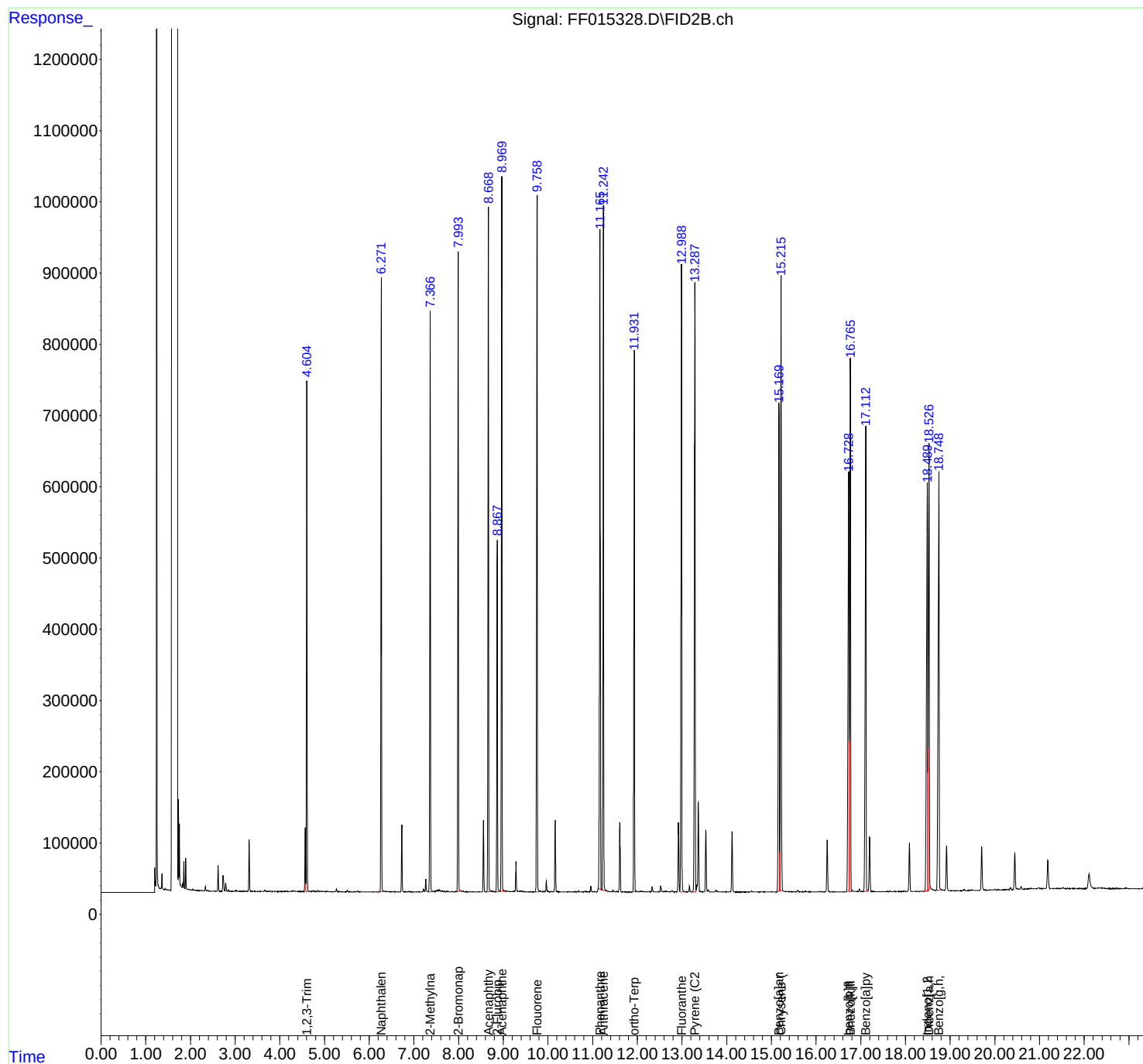
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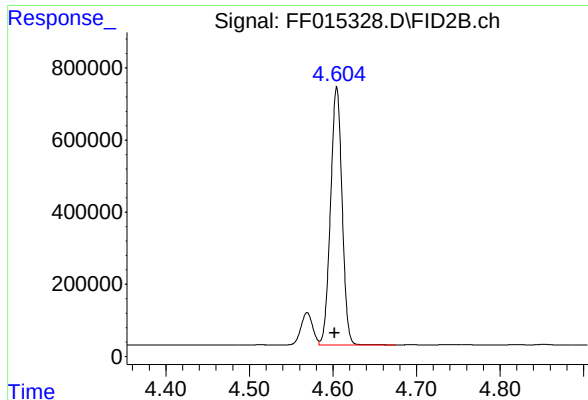
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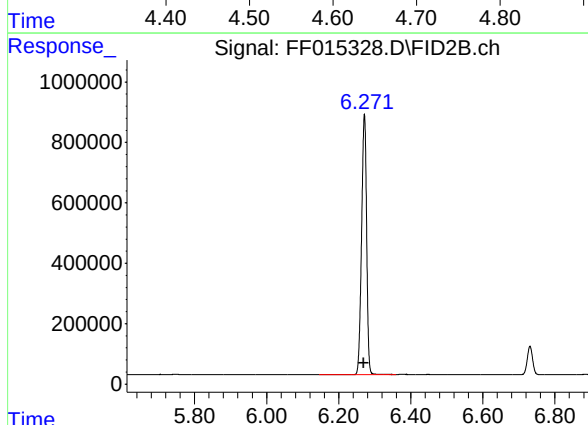
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.604 min
Delta R.T.: 0.002 min
Response: 6860785
Conc: 42.77 ug/ml

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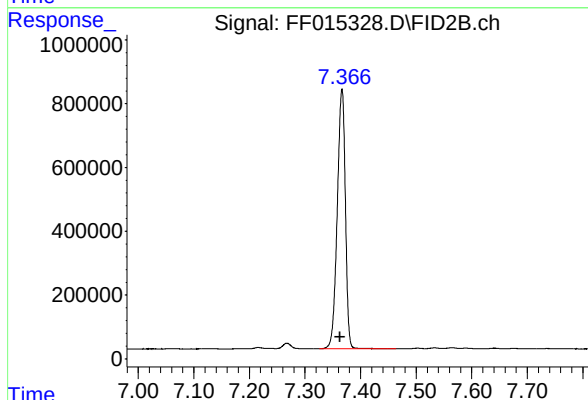
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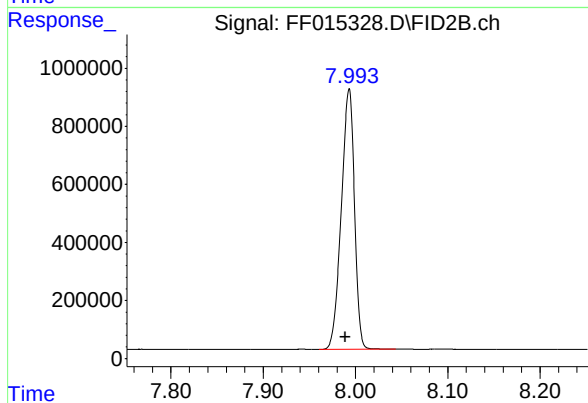
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 8352411
Conc: 52.09 ug/ml



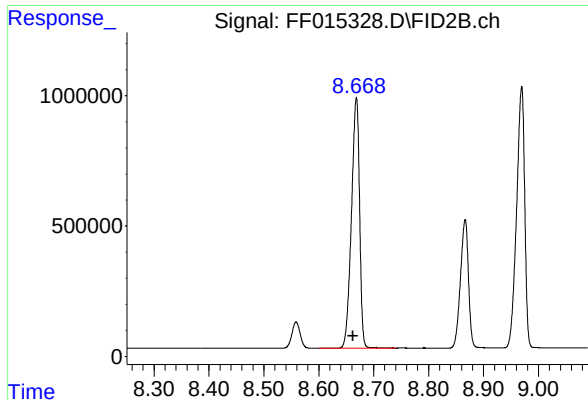
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.366 min
Delta R.T.: 0.003 min
Response: 8276884
Conc: 52.05 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.993 min
Delta R.T.: 0.004 min
Response: 8894035
Conc: 67.38 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.668 min
Delta R.T.: 0.006 min
Response: 9848852
Conc: 61.98 ug/ml

Instrument :

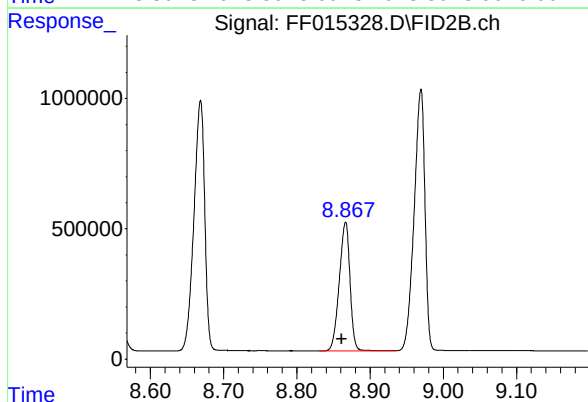
FID_F

ClientSampleId :

PB166218BSD

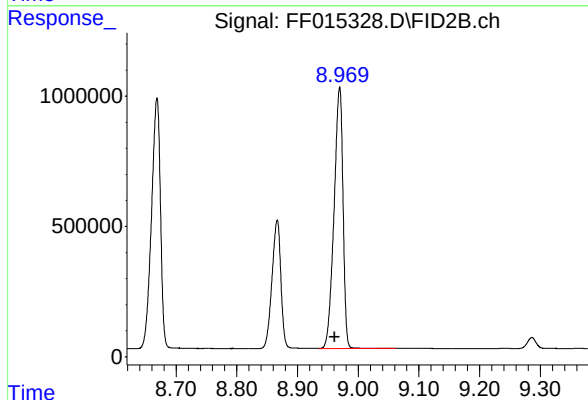
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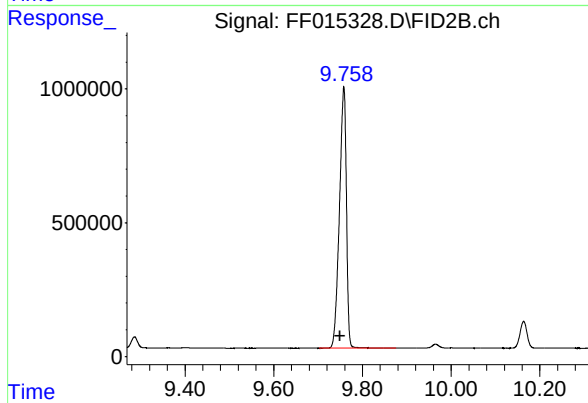
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.866 min
Delta R.T.: 0.005 min
Response: 5036514
Conc: 59.67 ug/ml



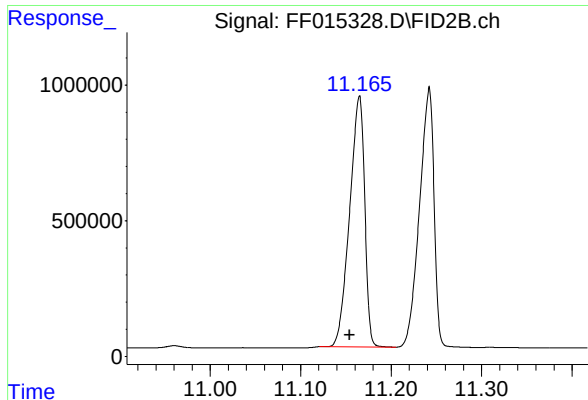
#7 Acenaphthene (C15.5)

R.T.: 8.969 min
Delta R.T.: 0.007 min
Response: 10301926
Conc: 63.18 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.758 min
Delta R.T.: 0.008 min
Response: 10667883
Conc: 67.75 ug/ml



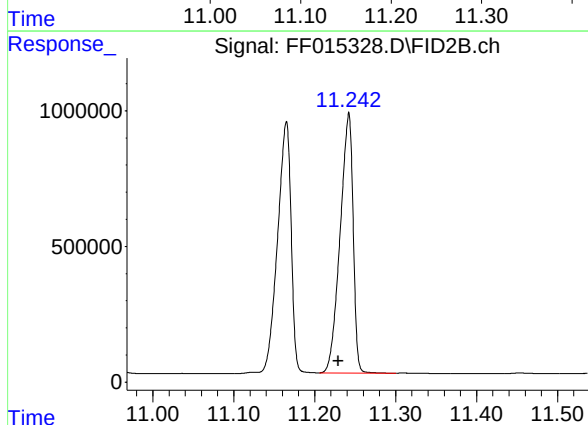
#9 Phenanthrene (C19.36)

R.T.: 11.164 min
Delta R.T.: 0.010 min
Response: 10688075
Conc: 66.94 ug/ml

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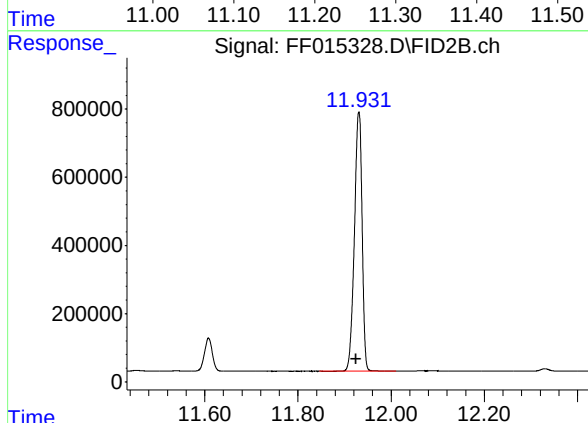
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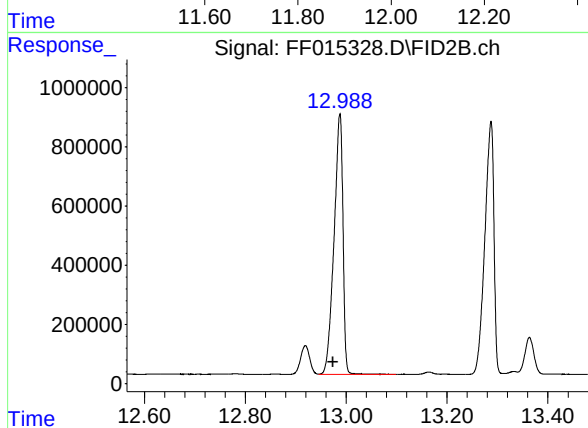
#10 Anthracene (C19.43)

R.T.: 11.241 min
Delta R.T.: 0.012 min
Response: 10674090
Conc: 72.30 ug/ml



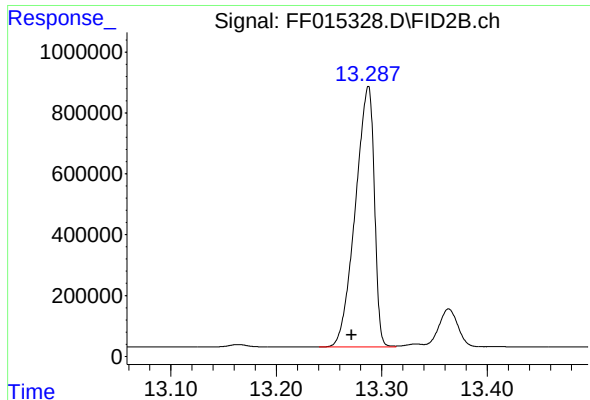
#11 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: 0.006 min
Response: 8717752
Conc: 50.64 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.987 min
Delta R.T.: 0.014 min
Response: 10809095
Conc: 65.34 ug/ml



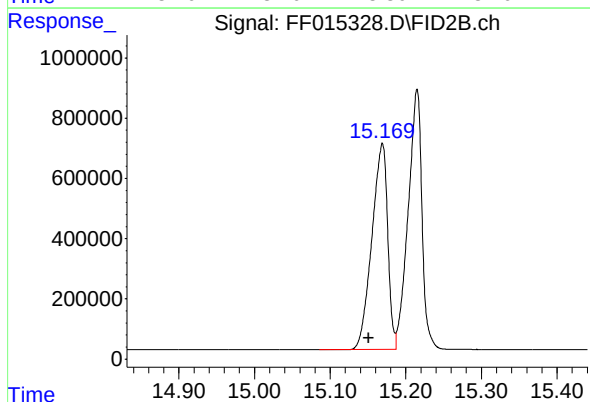
#13 Pyrene (C20.8)

R.T.: 13.287 min
Delta R.T.: 0.015 min
Response: 10703803
Conc: 66.08 ug/ml

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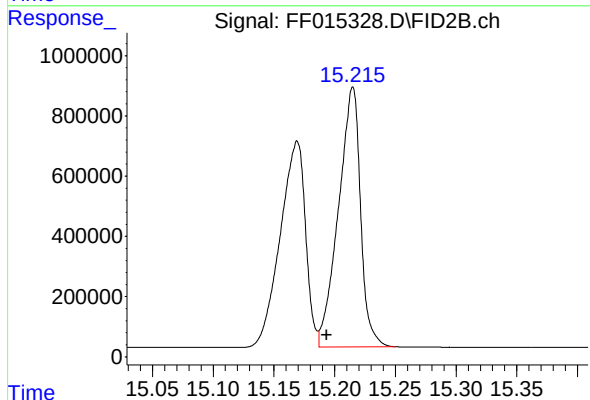
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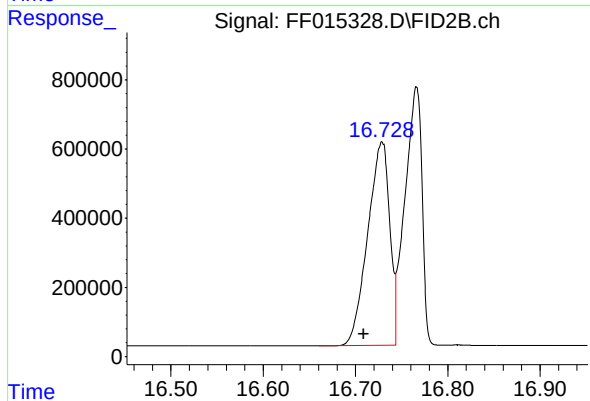
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.168 min
Delta R.T.: 0.017 min
Response: 9917954
Conc: 66.48 ug/ml



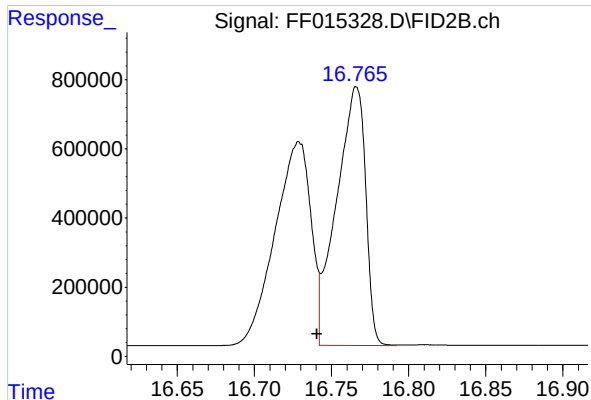
#15 Chrysene (C27.41)

R.T.: 15.214 min
Delta R.T.: 0.021 min
Response: 10932388
Conc: 70.38 ug/ml



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

R.T.: 16.728 min
Delta R.T.: 0.020 min
Response: 9730394
Conc: 65.75 ug/ml



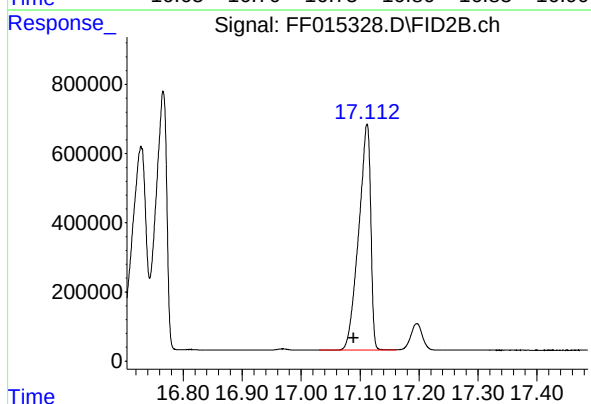
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.765 min
Delta R.T.: 0.025 min
Response: 9811165
Conc: 69.39 ug/ml

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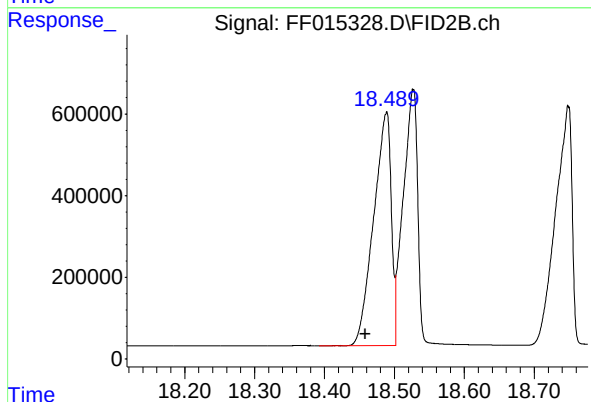
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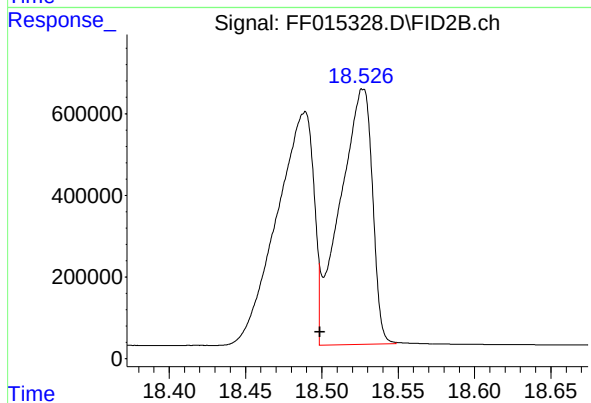
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.111 min
Delta R.T.: 0.022 min
Response: 9269954
Conc: 65.24 ug/ml



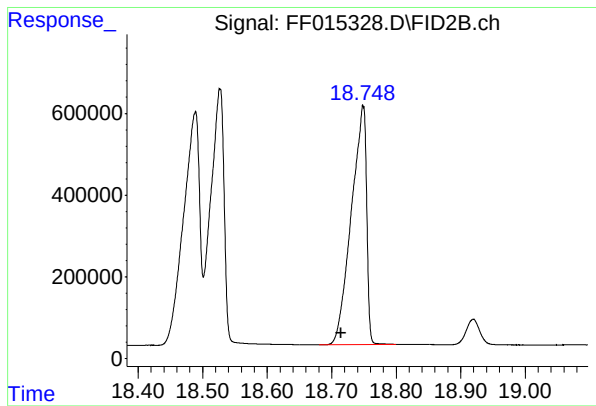
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.488 min
Delta R.T.: 0.029 min
Response: 10032761
Conc: 79.62 ug/ml



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

R.T.: 18.526 min
Delta R.T.: 0.027 min
Response: 9219293
Conc: 62.31 ug/ml m



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

R.T.: 18.748 min
Delta R.T.: 0.033 min
Response: 9625386
Conc: 71.30 ug/ml

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