

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012825AR\
 Data File : FF015335.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jan 2025 20:08
 Operator : YP\AJ
 Sample : Q1194-01MSD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 B-110-SB01MSD

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 00:50:09 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...	7.992	7289072	55.220 ug/ml
Spiked Amount 50.000		Recovery =	110.44%
6) S 2-Fluorobiphenyl (SURR)	8.866	4671163	55.340 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	110.68%
11) S ortho-Terphenyl (SURR)	11.929	6186547	35.938 ug/ml
Spiked Amount 50.000		Recovery =	71.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	6277986	39.139 ug/ml
2) T Naphthalene (C11.7)	6.271	7257624	45.265 ug/ml
3) T 2-Methylnaphthalene (...)	7.366	7060308	44.400 ug/ml
5) T Acenaphthylene (C15.06)	8.668	7957805	50.081 ug/ml
7) T Acenaphthene (C15.5)	8.968	8365219	51.301 ug/ml
8) T Fluorene (C16.55)	9.756	8334685	52.933 ug/ml
9) T Phenanthrene (C19.36)	11.162	8051558	50.428 ug/ml
10) T Anthracene (C19.43)	11.238	8068890	54.652 ug/ml
12) T Fluoranthene (C21.85)	12.984	8092886	48.919 ug/ml
13) T Pyrene (C20.8)	13.283	7951215	49.088 ug/ml
14) T Benzo[a]anthracene (C...	15.164	7331804	49.147 ug/ml
15) T Chrysene (C27.41)	15.210	8207987	52.843 ug/ml
16) T benzo[b]fluoranthene ...	16.724	7192638	48.604 ug/ml
17) T Bnezo[k]fluoranthene ...	16.761	7106098	50.259 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.106	6881960	48.437 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.481	7529449	59.754 ug/ml
20) T Dibenz[a,h]anthracene...	18.520	6811828	46.041 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.740	7111202	52.679 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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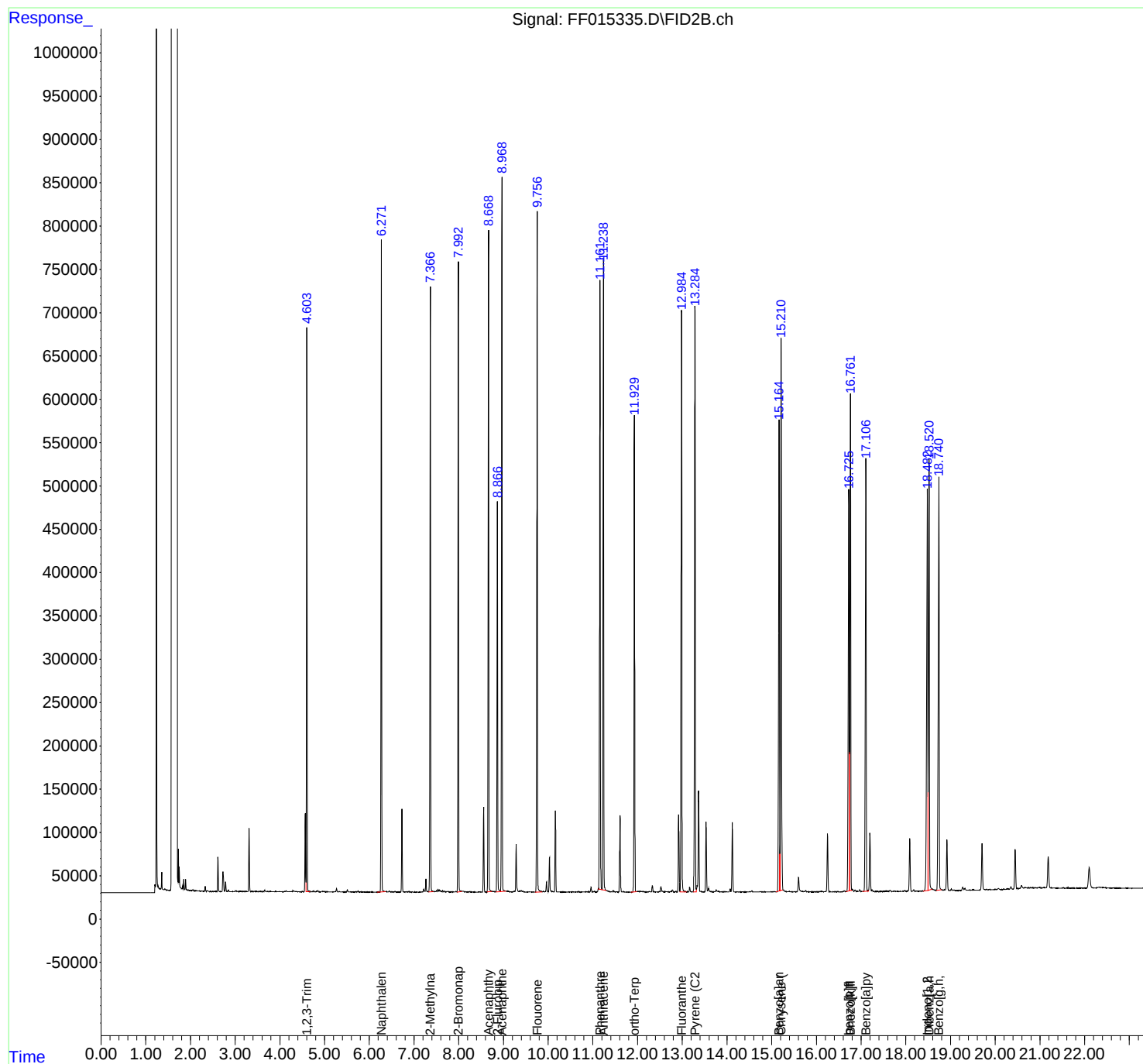
Response via : Initial Calibration

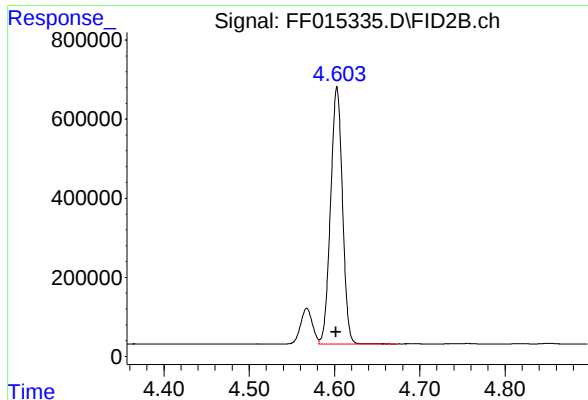
Integrator: ChemStation

Volume Inj. : 1 µl

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Signal Info : 20M x 0.18mm x 0.18µm





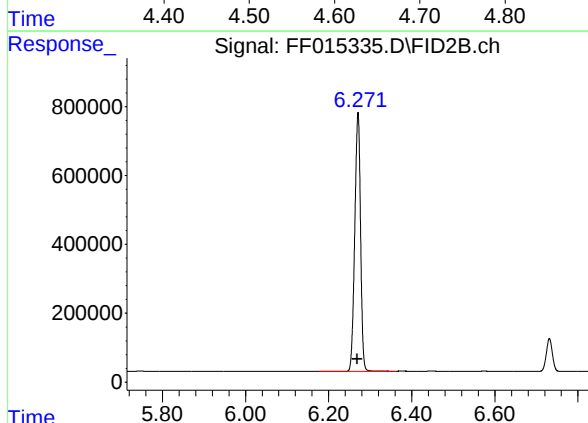
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.603 min
Delta R.T.: 0.000 min
Response: 6277986
Conc: 39.14 ug/ml

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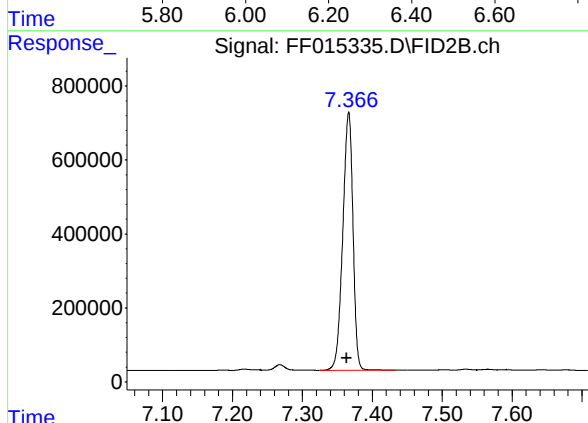
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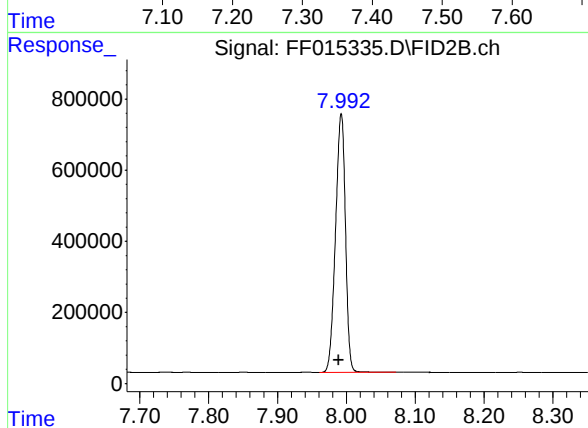
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 7257624
Conc: 45.27 ug/ml



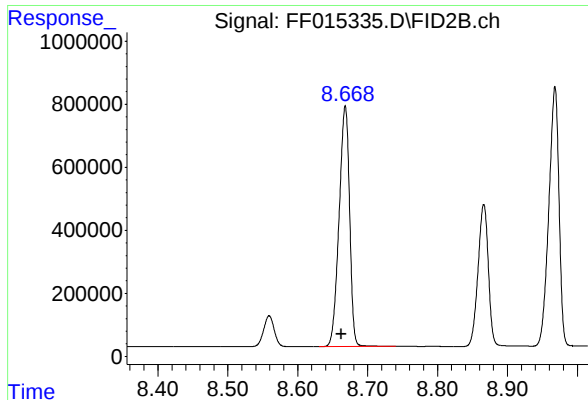
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.366 min
Delta R.T.: 0.003 min
Response: 7060308
Conc: 44.40 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.992 min
Delta R.T.: 0.003 min
Response: 7289072
Conc: 55.22 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.668 min
Delta R.T.: 0.006 min
Response: 7957805
Conc: 50.08 ug/ml

Instrument :

FID_F

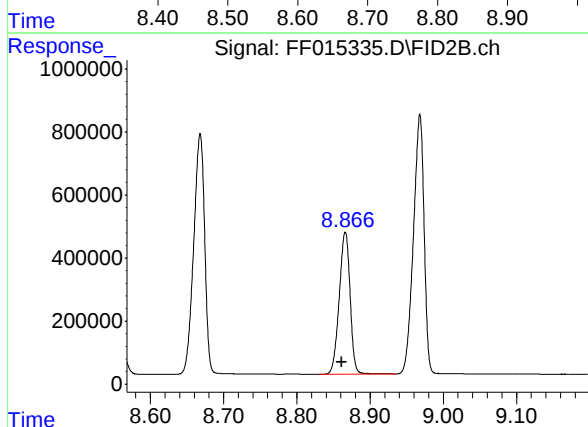
ClientSampleId :

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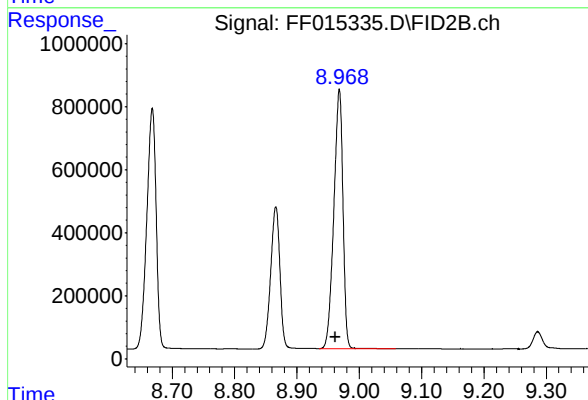
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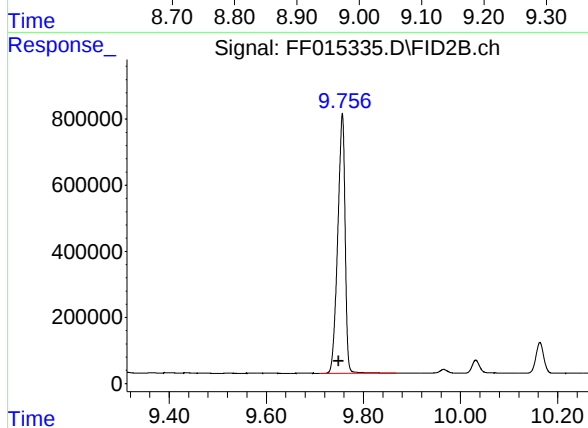
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.866 min
Delta R.T.: 0.005 min
Response: 4671163
Conc: 55.34 ug/ml



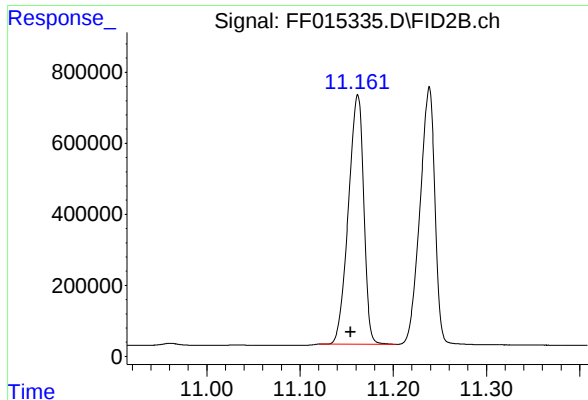
#7 Acenaphthene (C15.5)

R.T.: 8.968 min
Delta R.T.: 0.006 min
Response: 8365219
Conc: 51.30 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.756 min
Delta R.T.: 0.007 min
Response: 8334685
Conc: 52.93 ug/ml



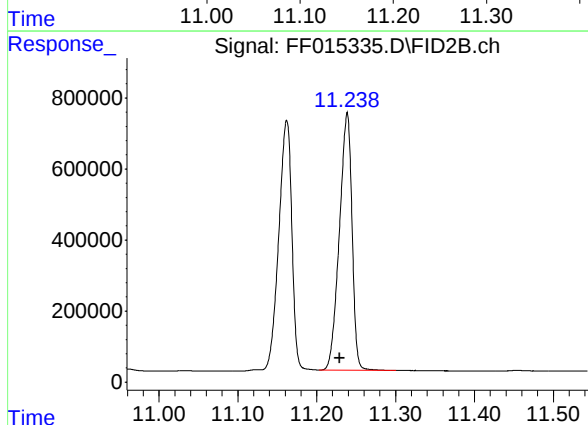
#9 Phenanthrene (C19.36)

R.T.: 11.162 min
Delta R.T.: 0.007 min
Response: 8051558
Conc: 50.43 ug/ml

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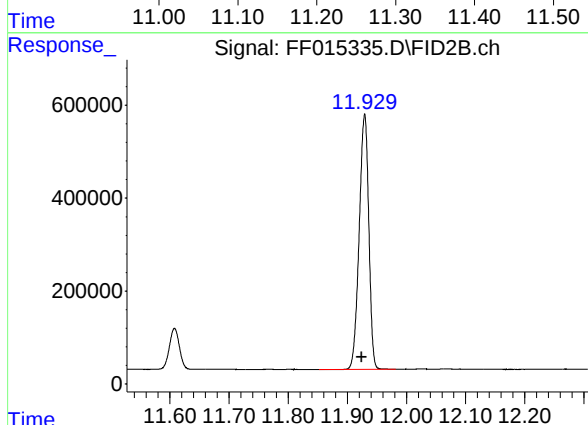
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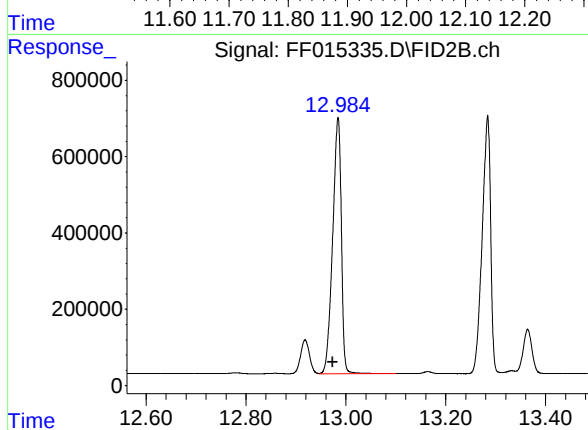
#10 Anthracene (C19.43)

R.T.: 11.238 min
Delta R.T.: 0.009 min
Response: 8068890
Conc: 54.65 ug/ml



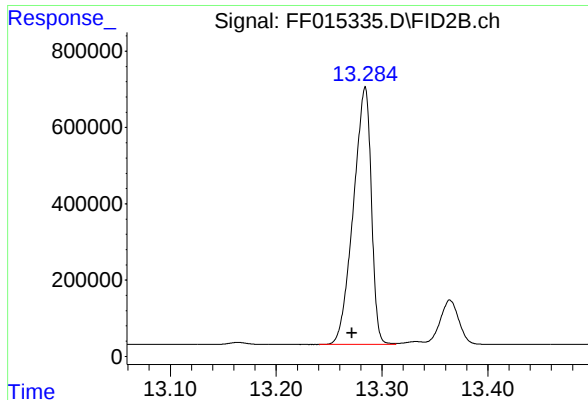
#11 ortho-Terphenyl (SURR)

R.T.: 11.929 min
Delta R.T.: 0.005 min
Response: 6186547
Conc: 35.94 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.984 min
Delta R.T.: 0.011 min
Response: 8092886
Conc: 48.92 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.283 min
Delta R.T.: 0.012 min
Response: 7951215
Conc: 49.09 ug/ml

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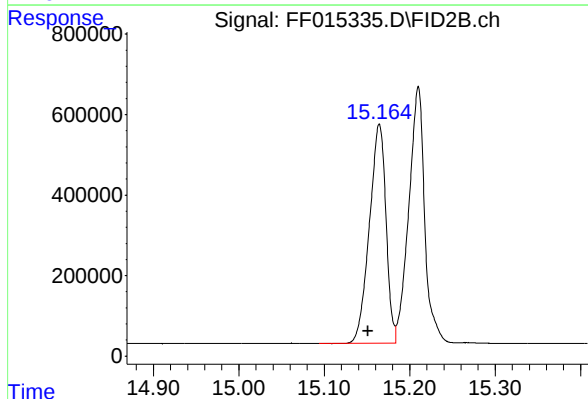
ClientSampleId :

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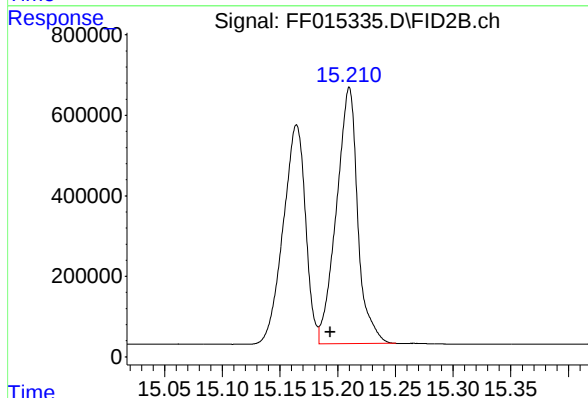
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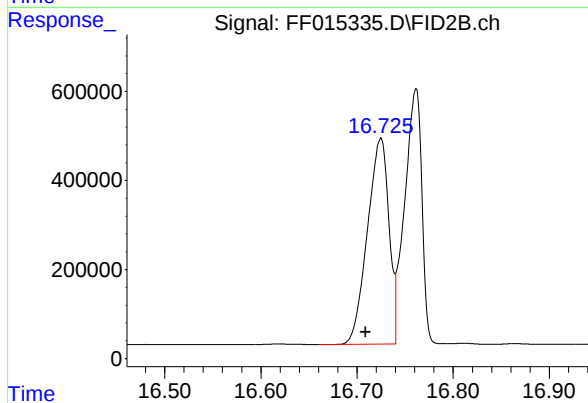
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.164 min
Delta R.T.: 0.013 min
Response: 7331804
Conc: 49.15 ug/ml



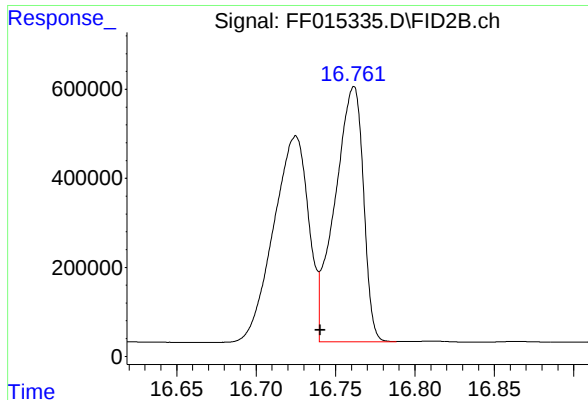
#15 Chrysene (C27.41)

R.T.: 15.210 min
Delta R.T.: 0.016 min
Response: 8207987
Conc: 52.84 ug/ml



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

R.T.: 16.724 min
Delta R.T.: 0.016 min
Response: 7192638
Conc: 48.60 ug/ml



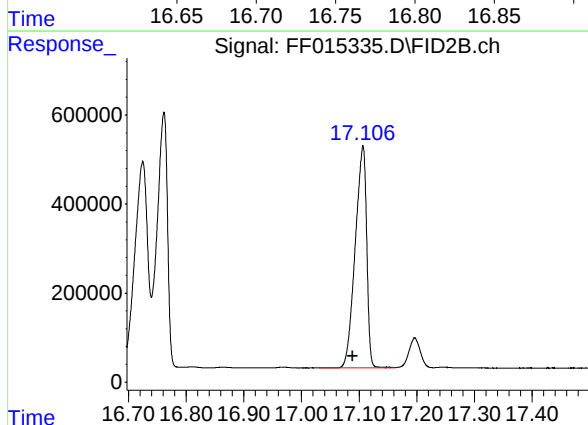
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.761 min
Delta R.T.: 0.021 min
Response: 7106098
Conc: 50.26 ug/ml

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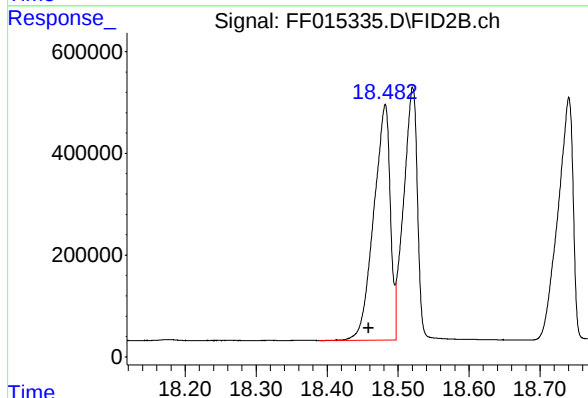
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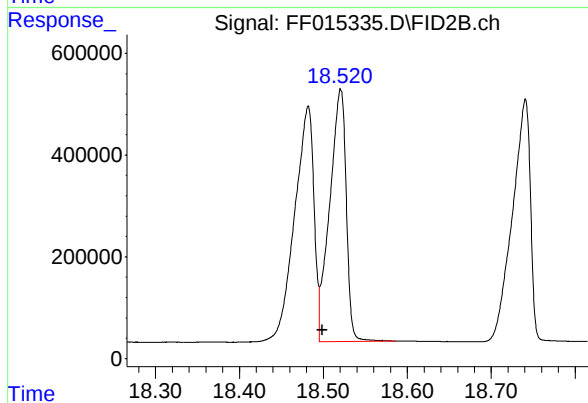
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.106 min
Delta R.T.: 0.017 min
Response: 6881960
Conc: 48.44 ug/ml



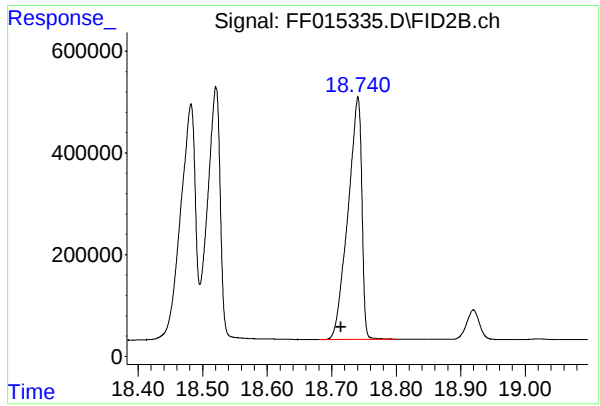
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.481 min
Delta R.T.: 0.023 min
Response: 7529449
Conc: 59.75 ug/ml



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

R.T.: 18.520 min
Delta R.T.: 0.021 min
Response: 6811828
Conc: 46.04 ug/ml m



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

R.T.: 18.740 min
Delta R.T.: 0.026 min
Response: 7111202
Conc: 52.68 ug/ml

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