

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012225AR\
 Data File : FF015273.D
 Signal(s) : FID2B.ch
 Acq On : 22 Jan 2025 16:59
 Operator : YP\AJ
 Sample : PB166168BSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB166168BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/23/2025
 Supervised By :Sohil Jodhani 01/24/2025

Integration File: autoint1.e
 Quant Time: Jan 23 01:23:21 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...	7.994	6675162	50.569 ug/ml
Spiked Amount 50.000		Recovery =	101.14%
6) S 2-Fluorobiphenyl (SURR)	8.868	3798664	45.003 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.01%
11) S ortho-Terphenyl (SURR)	11.931	6900203	40.084 ug/ml
Spiked Amount 50.000		Recovery =	80.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.605	4691503	29.248 ug/ml
2) T Naphthalene (C11.7)	6.272	5831875	36.373 ug/ml
3) T 2-Methylnaphthalene (...)	7.368	5799897	36.473 ug/ml
5) T Acenaphthylene (C15.06)	8.669	6803564	42.817 ug/ml
7) T Acenaphthene (C15.5)	8.970	6993638	42.889 ug/ml
8) T Fluorene (C16.55)	9.758	7105498	45.127 ug/ml
9) T Phenanthrene (C19.36)	11.164	6913271	43.299 ug/ml
10) T Anthracene (C19.43)	11.240	6921279	46.879 ug/ml
12) T Fluoranthene (C21.85)	12.986	6862215	41.480 ug/ml
13) T Pyrene (C20.8)	13.285	6791142	41.926 ug/ml
14) T Benzo[a]anthracene (C...	15.166	6402756	42.920 ug/ml
15) T Chrysene (C27.41)	15.211	6541938	42.117 ug/ml
16) T benzo[b]fluoranthene ...	16.725	6303420	42.595 ug/ml
17) T Bnezo[k]fluoranthene ...	16.761	6354229	44.941 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.107	6066372	42.697 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.482	6570970	52.147 ug/ml
20) T Dibenz[a,h]anthracene...	18.520	6030525	40.760 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.741	6280220	46.523 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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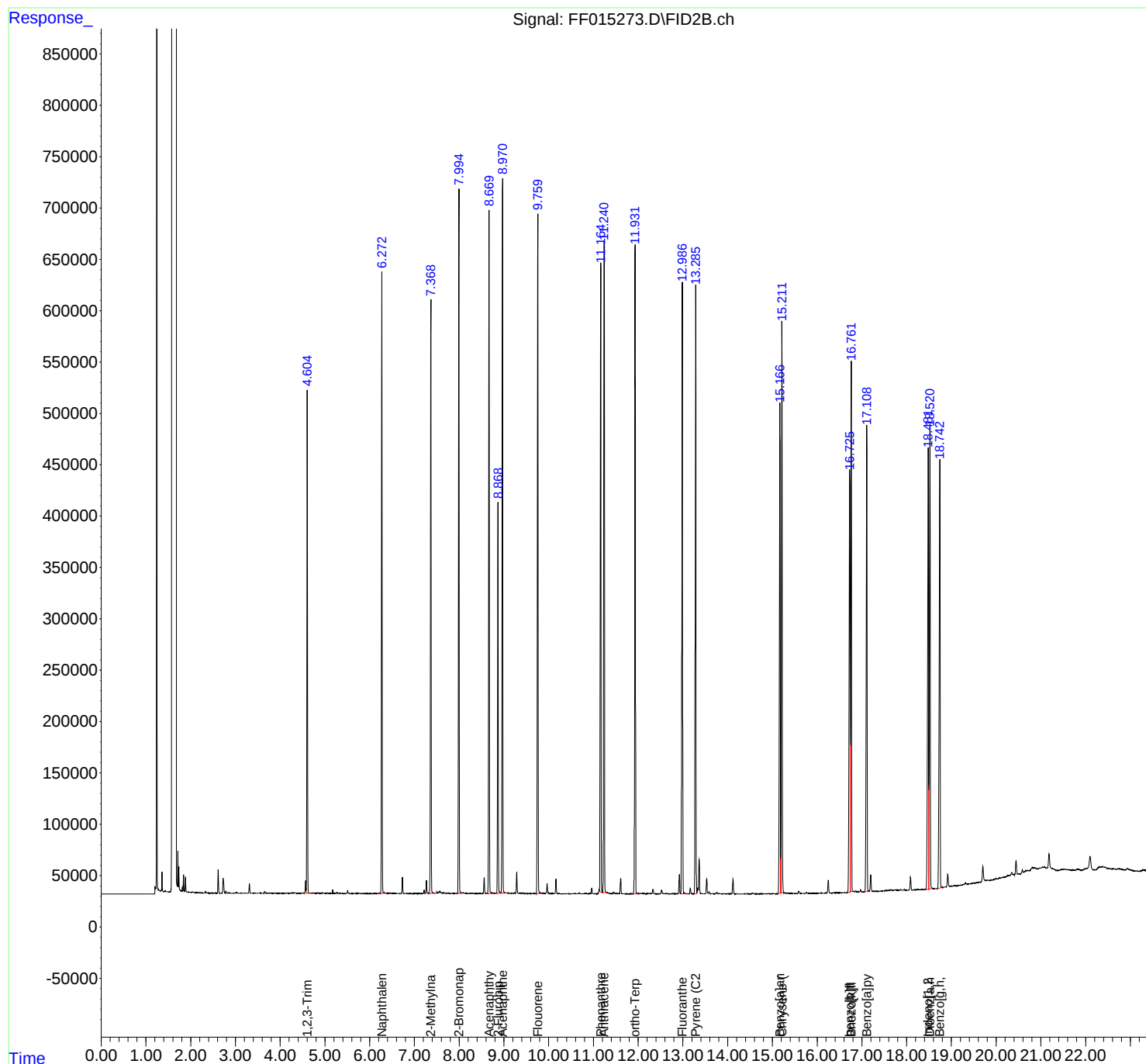
Response via : Initial Calibration

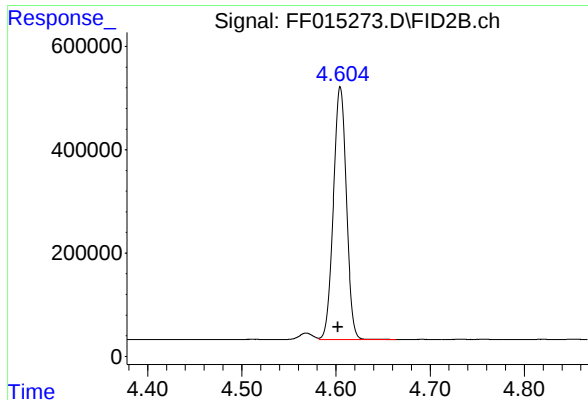
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.605 min
Delta R.T.: 0.003 min
Response: 4691503
Conc: 29.25 ug/ml

Instrument :

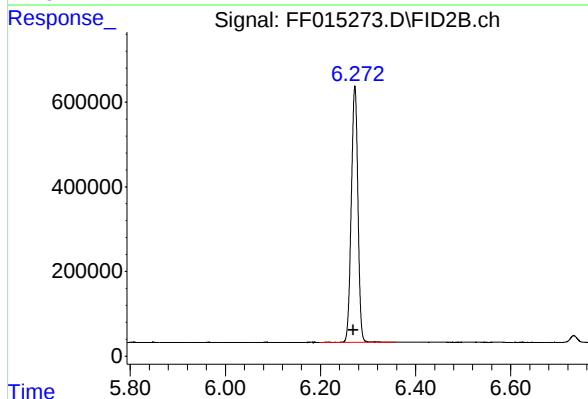
FID_F

ClientSampleId :

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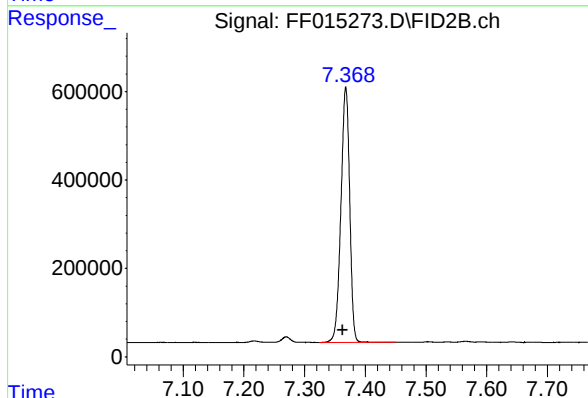
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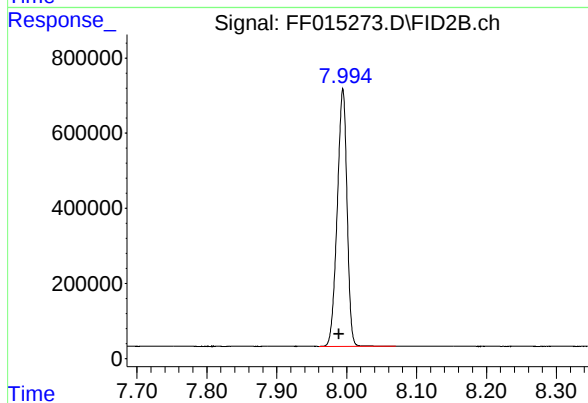
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.004 min
Response: 5831875
Conc: 36.37 ug/ml



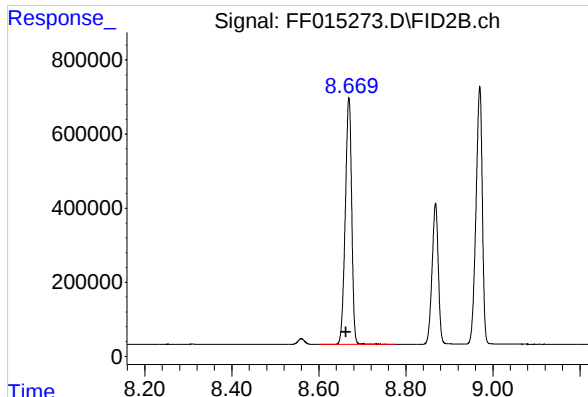
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.368 min
Delta R.T.: 0.005 min
Response: 5799897
Conc: 36.47 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.994 min
Delta R.T.: 0.006 min
Response: 6675162
Conc: 50.57 ug/ml



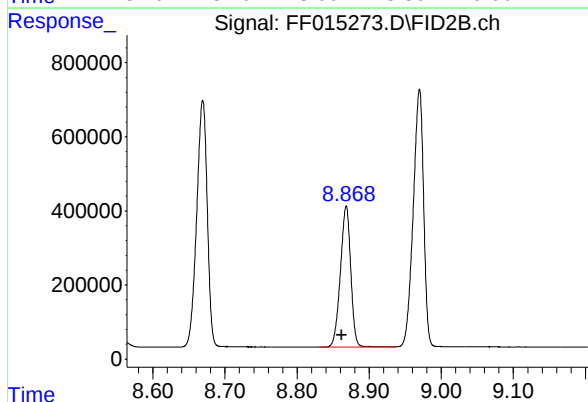
#5 Acenaphthylene (C15.06)

R.T.: 8.669 min
Delta R.T.: 0.007 min
Response: 6803564
Conc: 42.82 ug/ml

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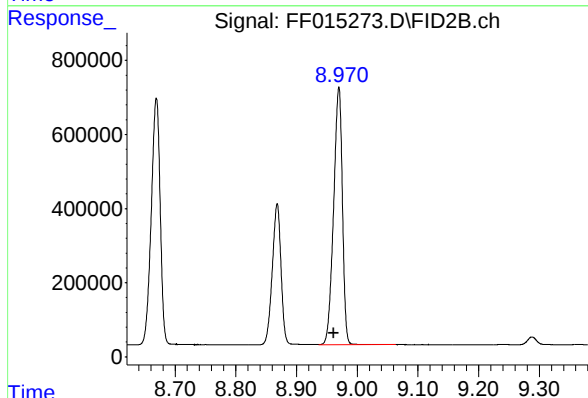
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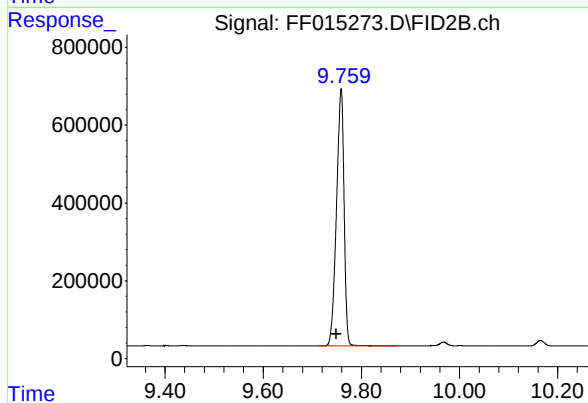
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.868 min
Delta R.T.: 0.007 min
Response: 3798664
Conc: 45.00 ug/ml



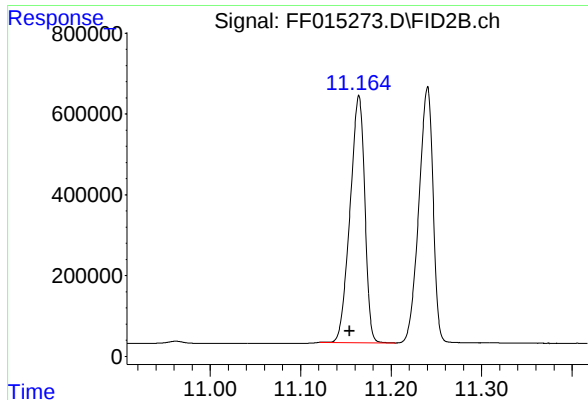
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: 0.008 min
Response: 6993638
Conc: 42.89 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.758 min
Delta R.T.: 0.009 min
Response: 7105498
Conc: 45.13 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.164 min
Delta R.T.: 0.010 min
Response: 6913271
Conc: 43.30 ug/ml

Instrument :

FID_F

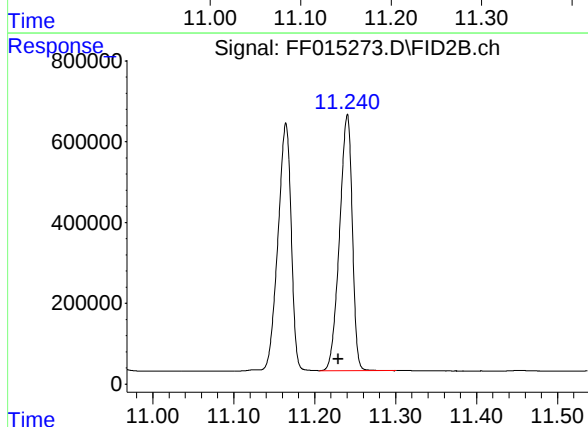
ClientSampleId :

PB166168BSD

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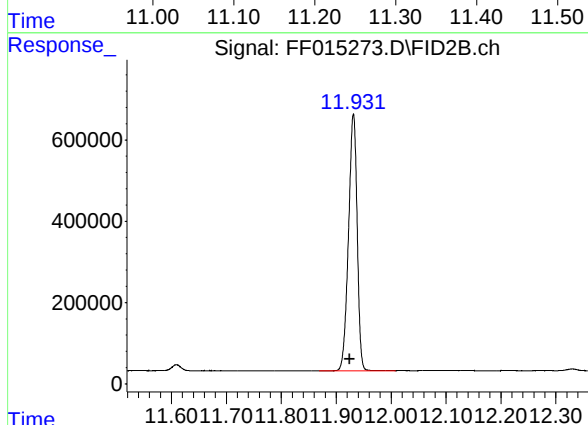
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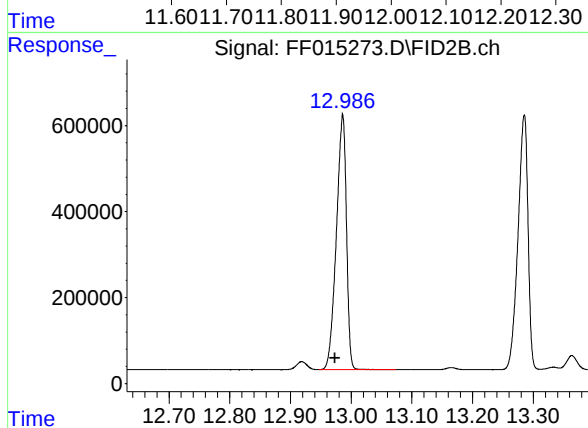
#10 Anthracene (C19.43)

R.T.: 11.240 min
Delta R.T.: 0.011 min
Response: 6921279
Conc: 46.88 ug/ml



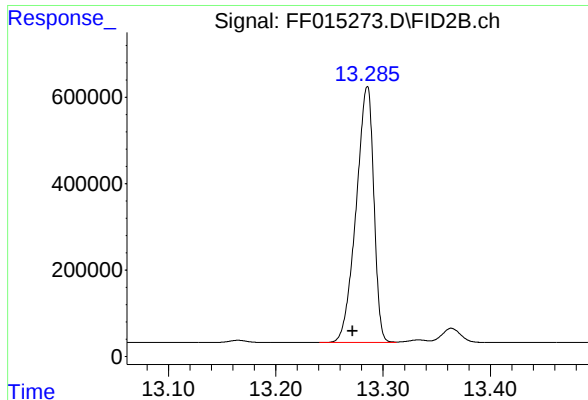
#11 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: 0.007 min
Response: 6900203
Conc: 40.08 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.986 min
Delta R.T.: 0.012 min
Response: 6862215
Conc: 41.48 ug/ml



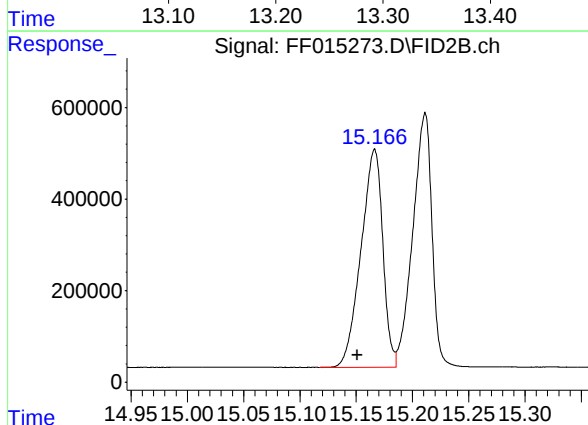
#13 Pyrene (C20.8)

R.T.: 13.285 min
Delta R.T.: 0.013 min
Response: 6791142
Conc: 41.93 ug/ml

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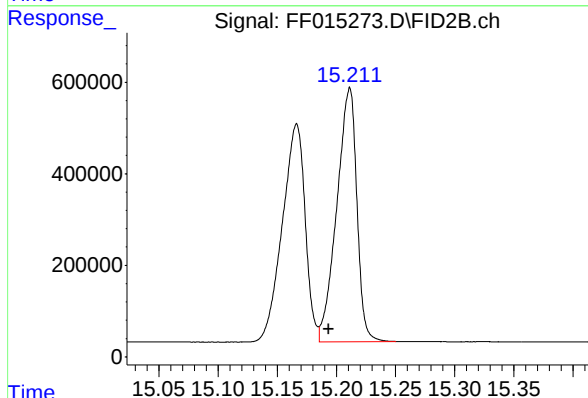
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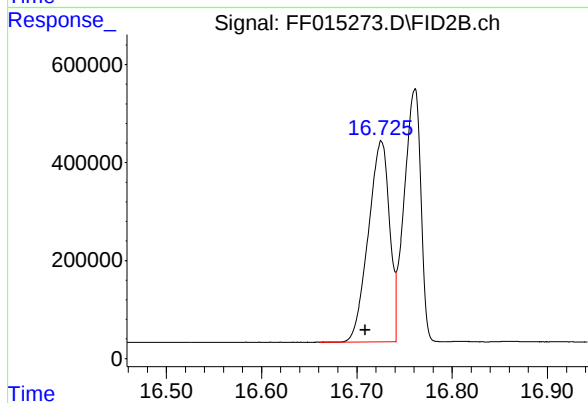
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.166 min
Delta R.T.: 0.015 min
Response: 6402756
Conc: 42.92 ug/ml



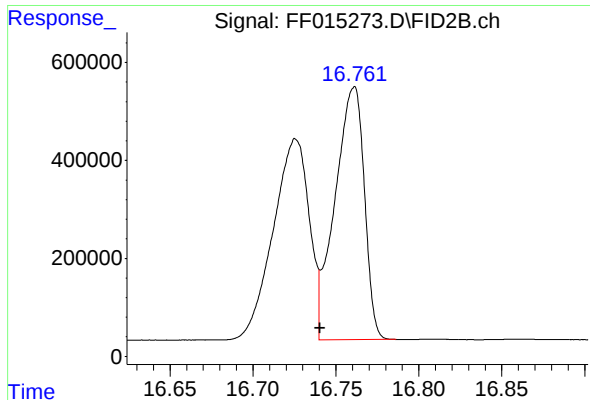
#15 Chrysene (C27.41)

R.T.: 15.211 min
Delta R.T.: 0.017 min
Response: 6541938
Conc: 42.12 ug/ml



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

R.T.: 16.725 min
Delta R.T.: 0.017 min
Response: 6303420
Conc: 42.59 ug/ml



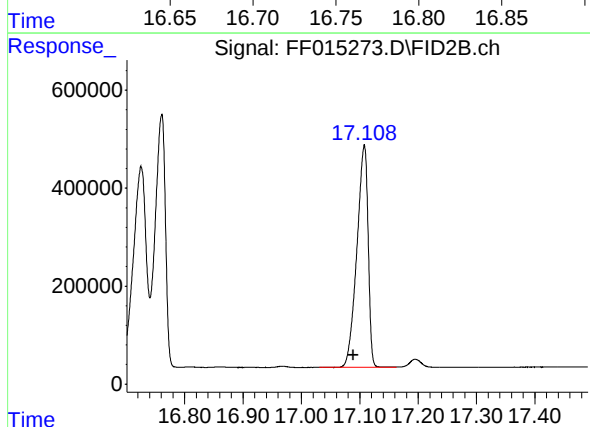
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.761 min
Delta R.T.: 0.021 min
Response: 6354229
Conc: 44.94 ug/ml

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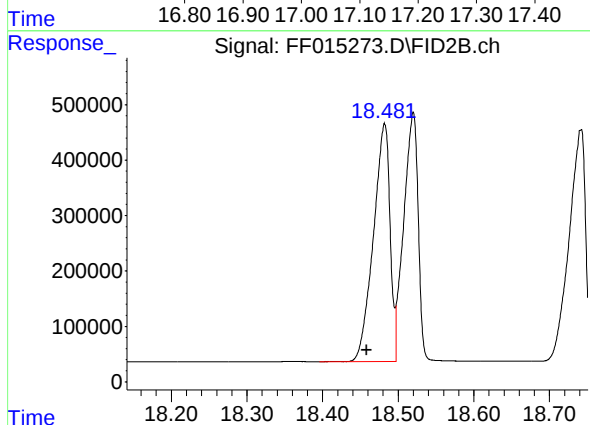
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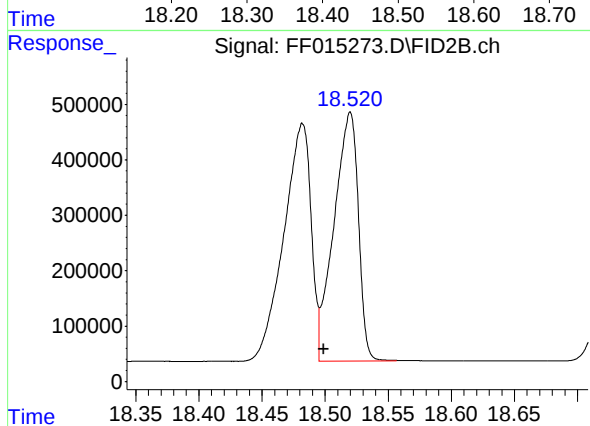
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.107 min
Delta R.T.: 0.018 min
Response: 6066372
Conc: 42.70 ug/ml



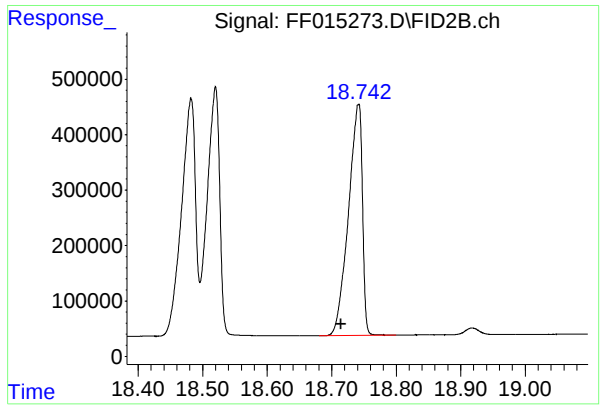
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.482 min
Delta R.T.: 0.023 min
Response: 6570970
Conc: 52.15 ug/ml



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

R.T.: 18.520 min
Delta R.T.: 0.021 min
Response: 6030525
Conc: 40.76 ug/ml m



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

R.T.: 18.741 min
Delta R.T.: 0.026 min
Response: 6280220
Conc: 46.52 ug/ml

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