

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012225AR\
 Data File : FF015272.D
 Signal(s) : FID2B.ch
 Acq On : 22 Jan 2025 16:31
 Operator : YP\AJ
 Sample : PB166168BS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB166168BS

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 01:22:52 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	6786916	51.416 ug/ml
Spiked Amount 50.000		Recovery =	102.83%
6) S 2-Fluorobiphenyl (SURR)	8.867	3875541	45.914 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	91.83%
11) S ortho-Terphenyl (SURR)	11.930	7047579	40.940 ug/ml
Spiked Amount 50.000		Recovery =	81.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	4758966	29.669 ug/ml
2) T Naphthalene (C11.7)	6.271	5922989	36.941 ug/ml
3) T 2-Methylnaphthalene (...)	7.366	5897216	37.085 ug/ml
5) T Acenaphthylene (C15.06)	8.668	6906577	43.465 ug/ml
7) T Acenaphthene (C15.5)	8.968	7124750	43.694 ug/ml
8) T Flouorene (C16.55)	9.757	7239148	45.976 ug/ml
9) T Phenanthrene (C19.36)	11.164	7052584	44.171 ug/ml
10) T Anthracene (C19.43)	11.240	7065408	47.855 ug/ml
12) T Fluoranthene (C21.85)	12.986	7029664	42.492 ug/ml
13) T Pyrene (C20.8)	13.284	6951162	42.914 ug/ml
14) T Benzo[a]anthracene (C...	15.165	6538328	43.828 ug/ml
15) T Chrysene (C27.41)	15.210	6690836	43.075 ug/ml
16) T benzo[b]fluoranthene ...	16.725	6426984	43.430 ug/ml
17) T Bnezo[k]fluoranthene ...	16.762	6450639	45.623 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.107	6182232	43.512 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.482	6624906	52.575 ug/ml
20) T Dibenz[a,h]anthracene...	18.521	6022959	40.709 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.741	6392420	47.354 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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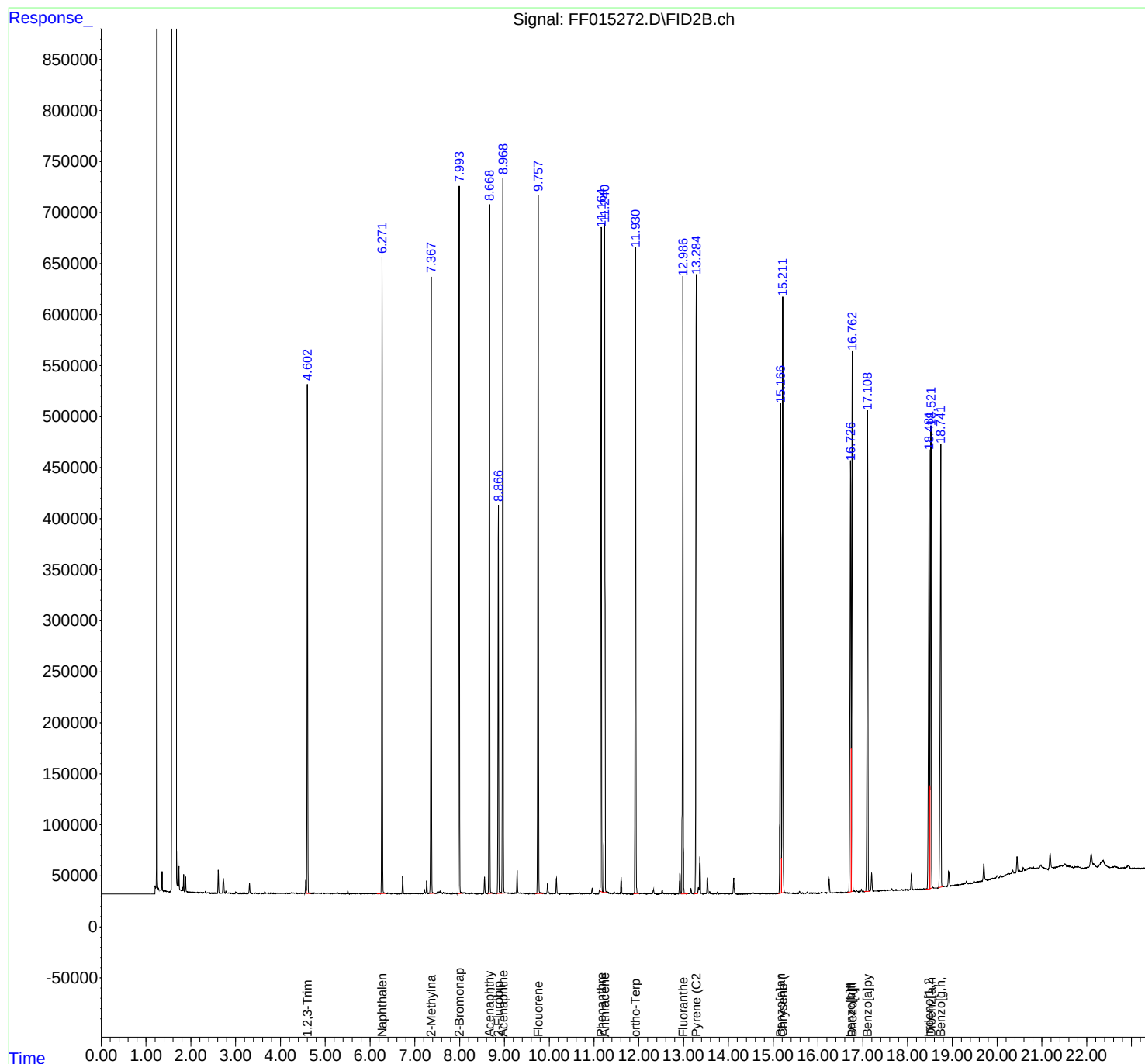
APPROVED

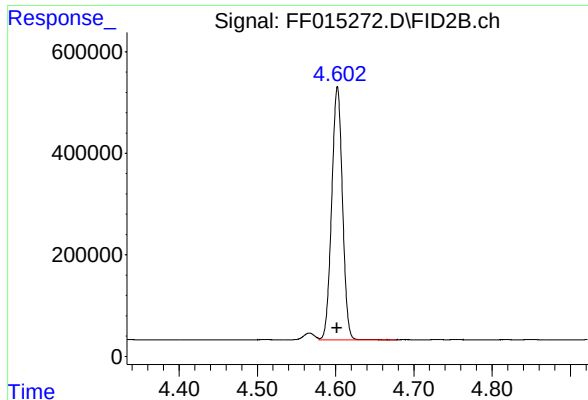
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.602 min
Delta R.T.: 0.000 min
Response: 4758966
Conc: 29.67 ug/ml

Instrument :

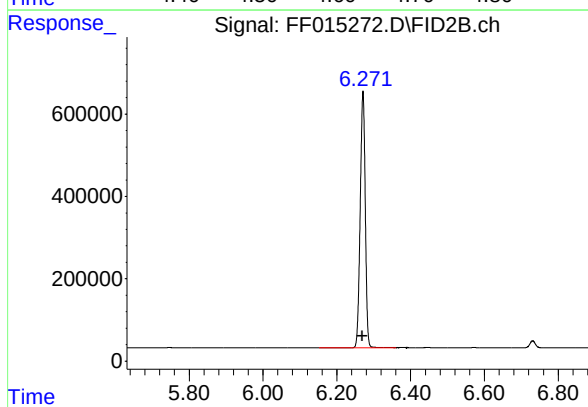
FID_F

ClientSampleId :

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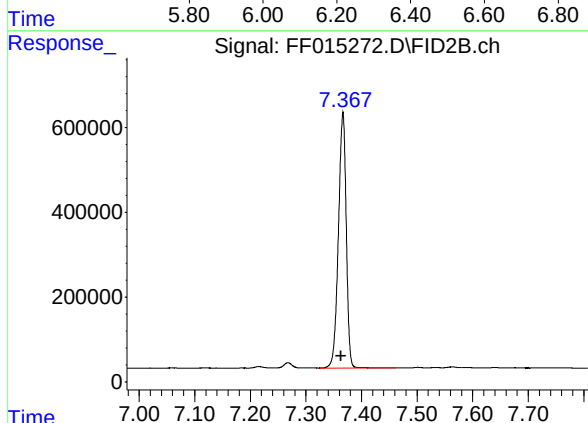
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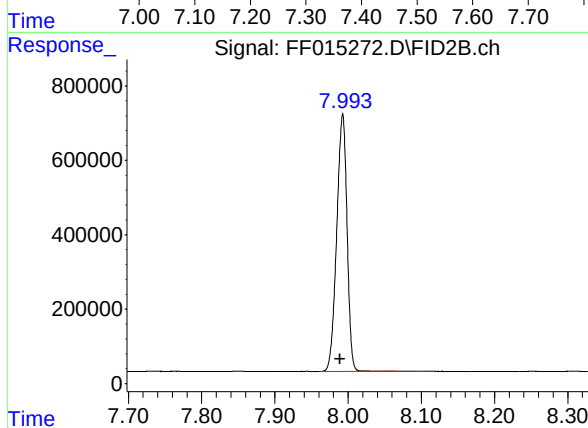
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 5922989
Conc: 36.94 ug/ml



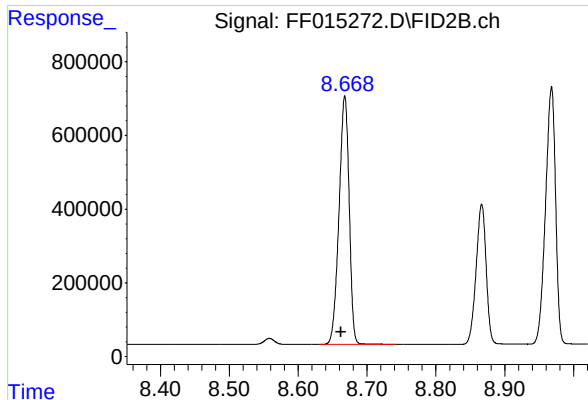
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.366 min
Delta R.T.: 0.003 min
Response: 5897216
Conc: 37.09 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.992 min
Delta R.T.: 0.003 min
Response: 6786916
Conc: 51.42 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.668 min
Delta R.T.: 0.005 min
Response: 6906577
Conc: 43.46 ug/ml

Instrument :

FID_F

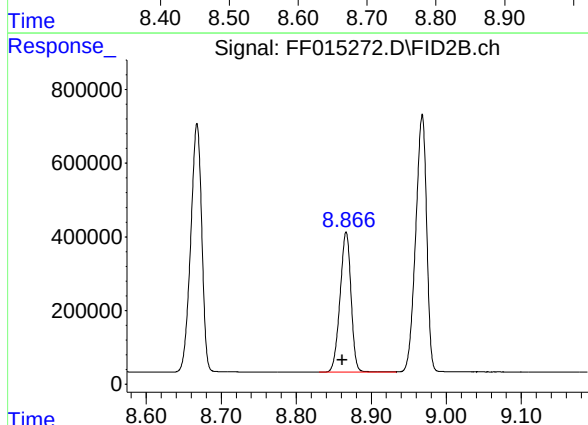
ClientSampleId :

PB166168BS

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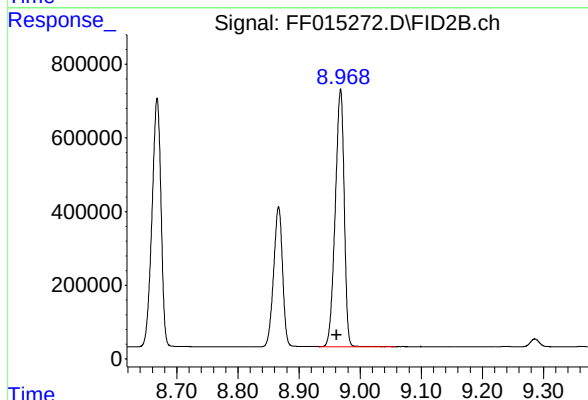
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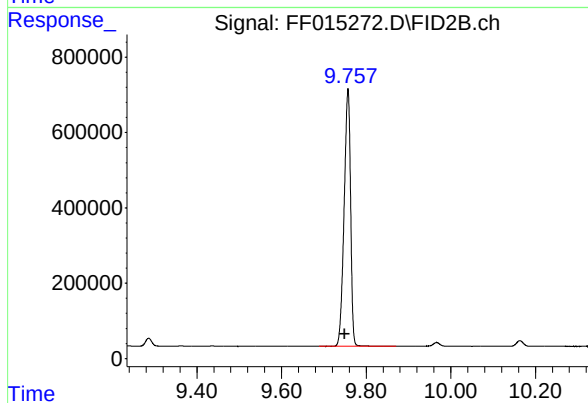
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.867 min
Delta R.T.: 0.005 min
Response: 3875541
Conc: 45.91 ug/ml



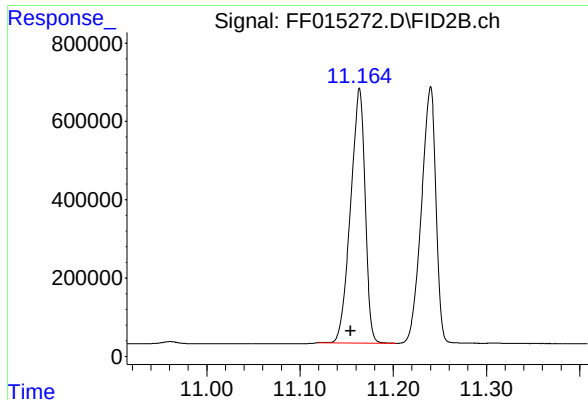
#7 Acenaphthene (C15.5)

R.T.: 8.968 min
Delta R.T.: 0.006 min
Response: 7124750
Conc: 43.69 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.757 min
Delta R.T.: 0.008 min
Response: 7239148
Conc: 45.98 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.164 min
Delta R.T.: 0.009 min
Response: 7052584
Conc: 44.17 ug/ml

Instrument :

FID_F

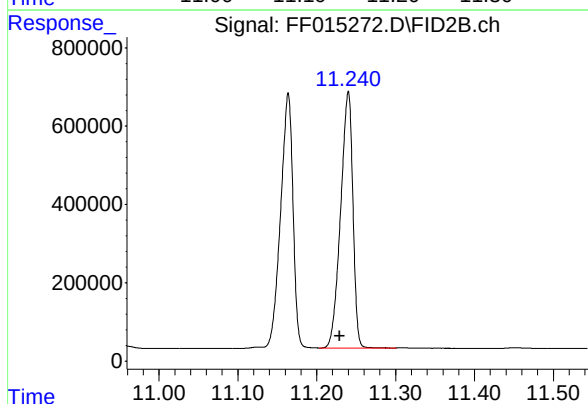
ClientSampleId :

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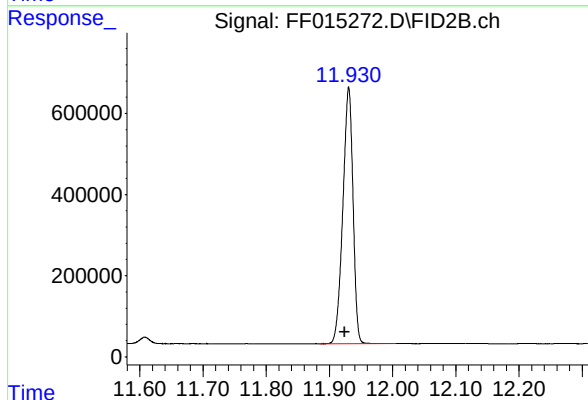
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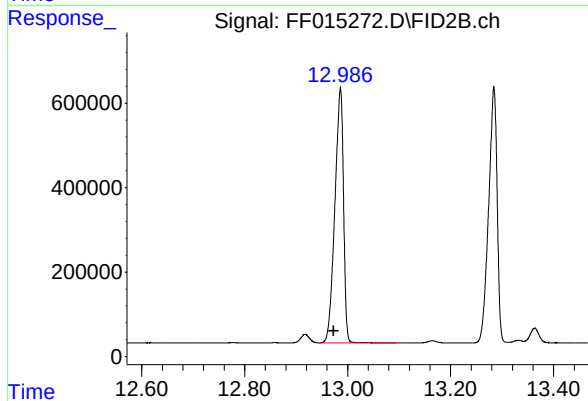
#10 Anthracene (C19.43)

R.T.: 11.240 min
Delta R.T.: 0.011 min
Response: 7065408
Conc: 47.86 ug/ml



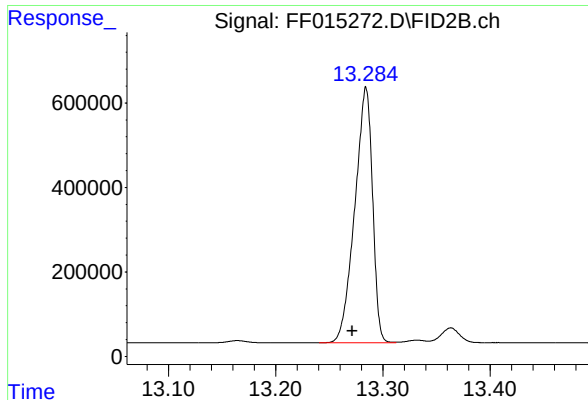
#11 ortho-Terphenyl (SURRE)

R.T.: 11.930 min
Delta R.T.: 0.006 min
Response: 7047579
Conc: 40.94 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.986 min
Delta R.T.: 0.012 min
Response: 7029664
Conc: 42.49 ug/ml



#13 Pyrene (C20.8)

R.T.: 13.284 min
Delta R.T.: 0.012 min
Response: 6951162
Conc: 42.91 ug/ml

Instrument :

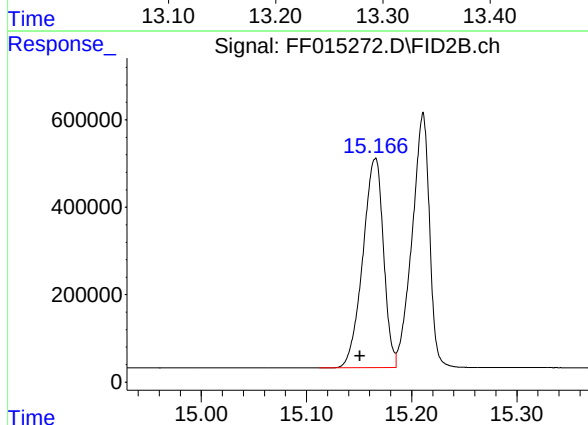
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ClientSampleId :

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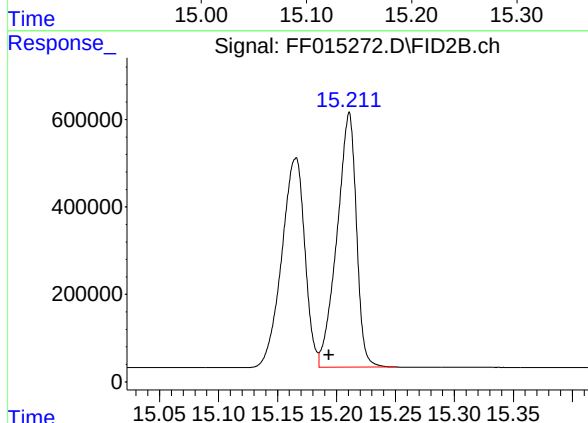
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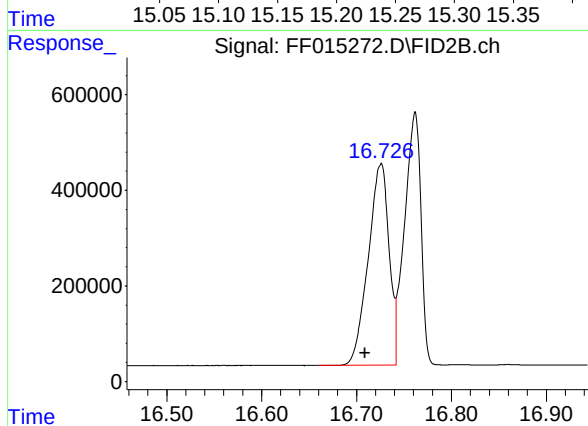
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.165 min
Delta R.T.: 0.014 min
Response: 6538328
Conc: 43.83 ug/ml



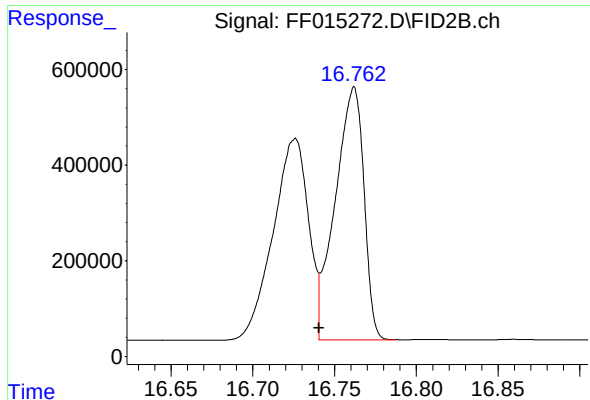
#15 Chrysene (C27.41)

R.T.: 15.210 min
Delta R.T.: 0.017 min
Response: 6690836
Conc: 43.08 ug/ml



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

R.T.: 16.725 min
Delta R.T.: 0.017 min
Response: 6426984
Conc: 43.43 ug/ml



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

R.T.: 16.762 min
Delta R.T.: 0.021 min
Response: 6450639
Conc: 45.62 ug/ml

Instrument :

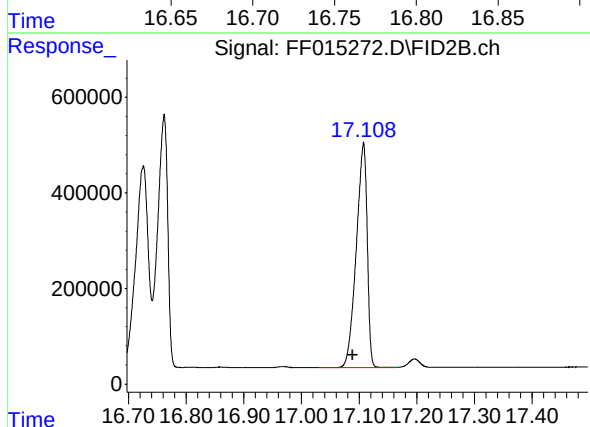
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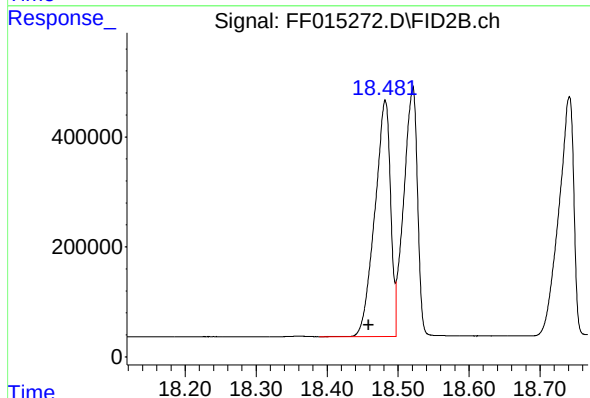
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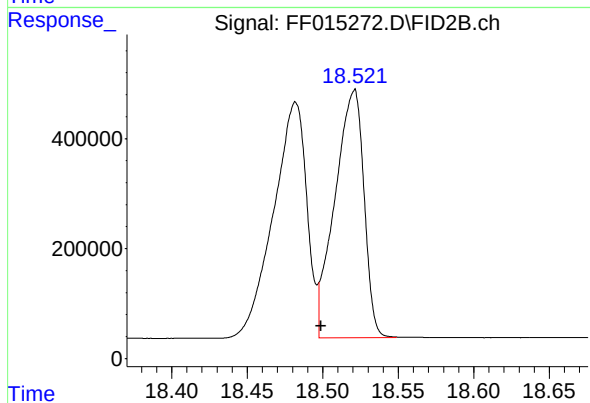
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.107 min
Delta R.T.: 0.018 min
Response: 6182232
Conc: 43.51 ug/ml



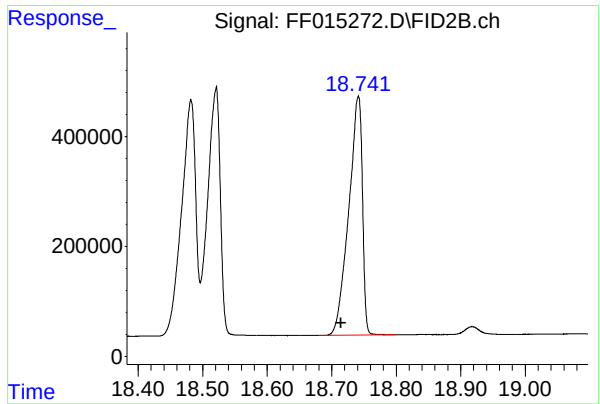
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.482 min
Delta R.T.: 0.023 min
Response: 6624906
Conc: 52.58 ug/ml



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

R.T.: 18.521 min
Delta R.T.: 0.022 min
Response: 6022959
Conc: 40.71 ug/ml m



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

R.T.: 18.741 min
Delta R.T.: 0.026 min
Response: 6392420
Conc: 47.35 ug/ml

Instrument :

FID_F

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