

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121625AR\
 Data File : FF016896.D
 Signal(s) : FID2B.ch
 Acq On : 16 Dec 2025 19:01
 Operator : YP\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/17/2025
 Supervised By :Yogesh Patel 12/17/2025

Integration File: autoint1.e
 Quant Time: Dec 17 03:29:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 121625.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 17 03:28:27 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...	8.001	10513858	93.888 ug/ml
Spiked Amount 50.000		Recovery =	187.78%
6) S 2-Fluorobiphenyl (SURR)	8.877	7065269	103.760 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	207.52%#
11) S ortho-Terphenyl (SURR)	11.945	12597845	88.858 ug/ml
Spiked Amount 50.000		Recovery =	177.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.594	11589731	90.015 ug/ml
2) T Naphthalene (C11.7)	6.271	12138458	93.713 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	12251704	93.961 ug/ml
5) T Acenaphthylene (C15.06)	8.678	12257989	92.295 ug/ml
7) T Acenaphthene (C15.5)	8.980	12361045	91.421 ug/ml
8) T Flouorene (C16.55)	9.769	12098637	95.631 ug/ml
9) T Phenanthrene (C19.36)	11.177	12095031	94.376 ug/ml
10) T Anthracene (C19.43)	11.254	12050411	90.428 ug/ml
12) T Fluoranthene (C21.85)	13.004	12218715	92.024 ug/ml
13) T Pyrene (C20.8)	13.303	12033323	94.392 ug/ml
14) T Benzo[a]anthracene (C...	15.189	11143198	99.409 ug/ml
15) T Chrysene (C27.41)	15.236	11792282	86.733 ug/ml
16) T benzo[b]fluoranthene ...	16.753	10745457	96.816 ug/ml
17) T Bnezo[k]fluoranthene ...	16.792	10203707	85.456 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.136	10329464	96.384 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.515	9169170	110.443 ug/ml
20) T Dibenz[a,h]anthracene...	18.552	9879118	85.071 ug/ml
21) T Benzo[g,h,i]perylene ...	18.774	9749562	93.912 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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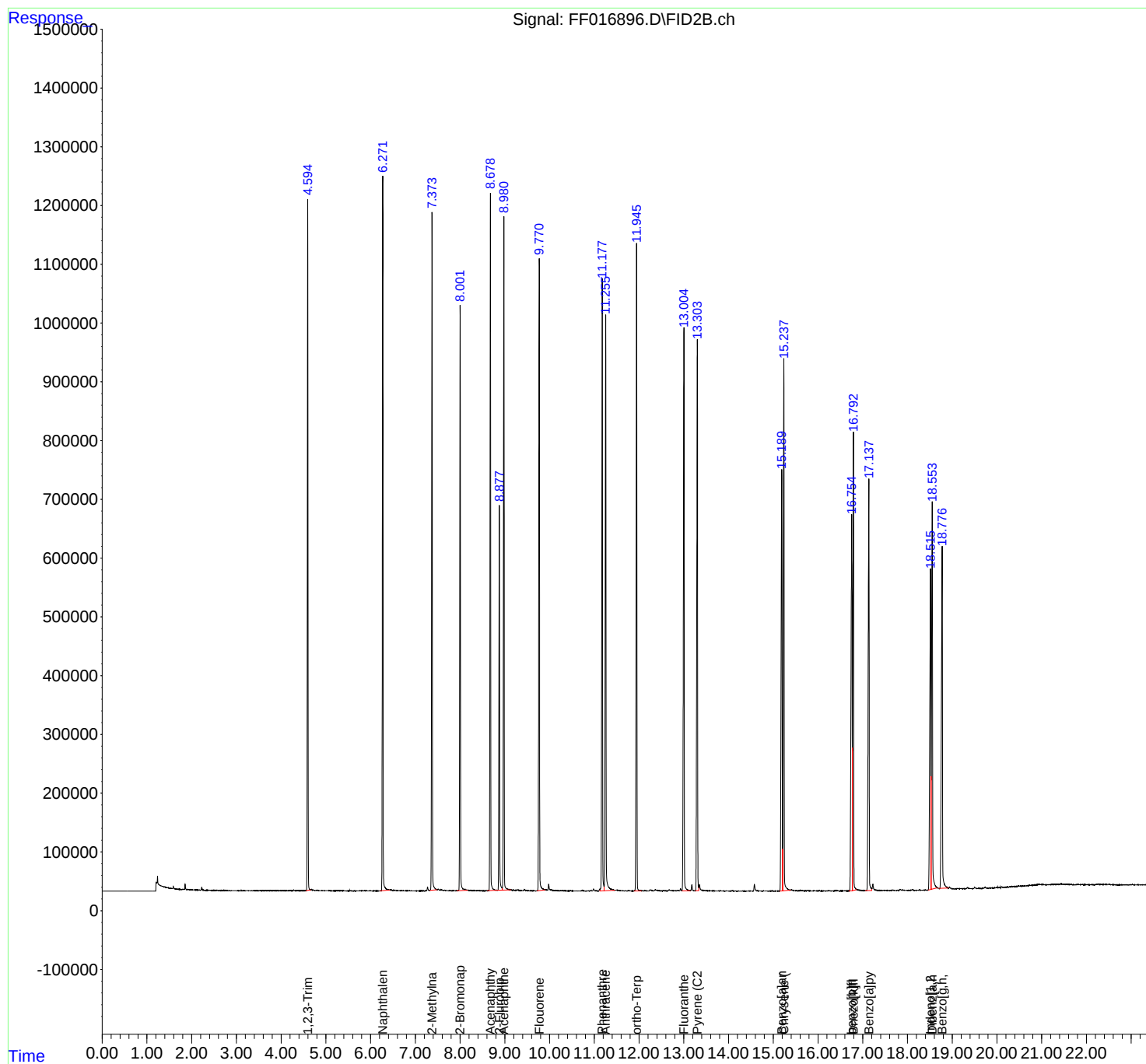
Instrument :
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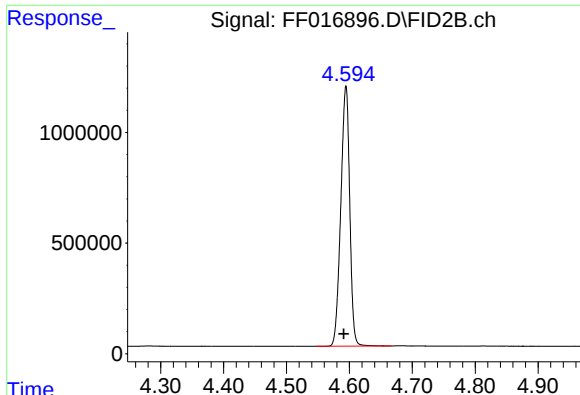
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.594 min
Delta R.T.: 0.003 min
Response: 11589731
Conc: 90.01 ug/ml

Instrument :

FID_F

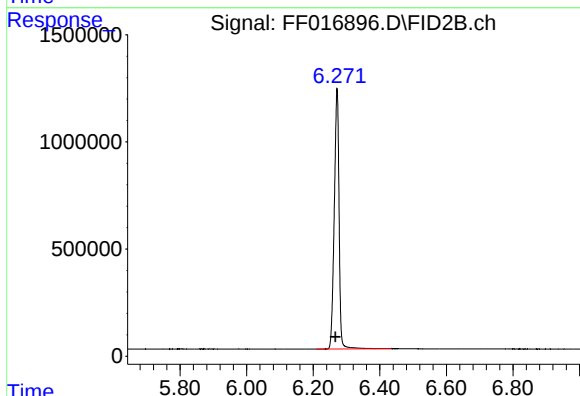
ClientSampleId :

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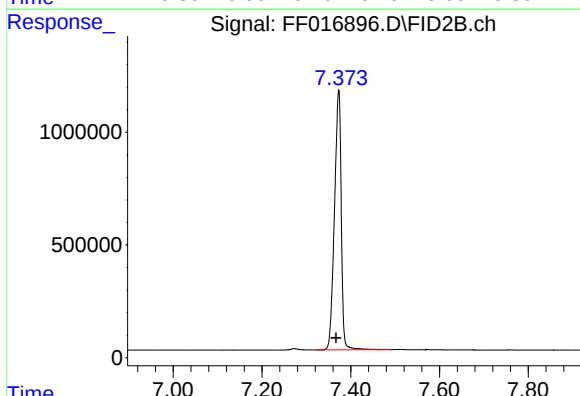
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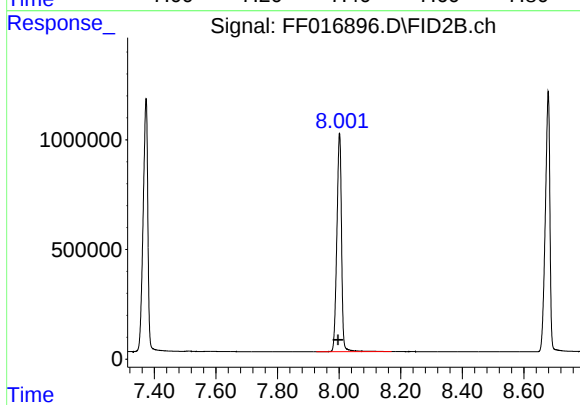
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.004 min
Response: 12138458
Conc: 93.71 ug/ml



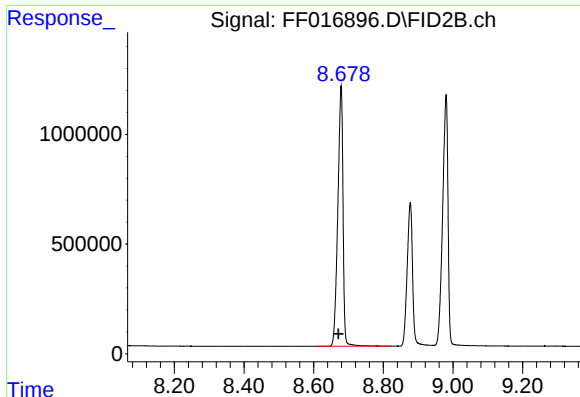
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: 0.006 min
Response: 12251704
Conc: 93.96 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.001 min
Delta R.T.: 0.005 min
Response: 10513858
Conc: 93.89 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.678 min
Delta R.T.: 0.007 min
Response: 12257989
Conc: 92.30 ug/ml

Instrument :

FID_F

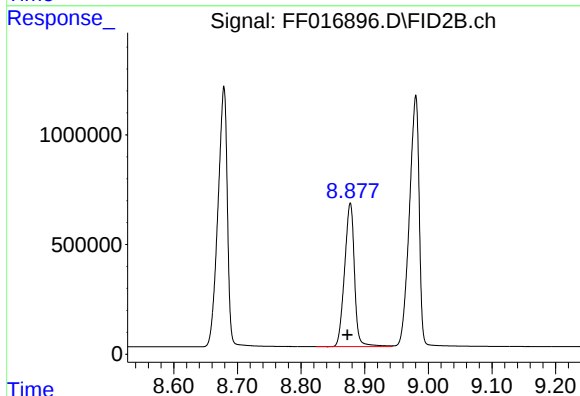
ClientSampleId :

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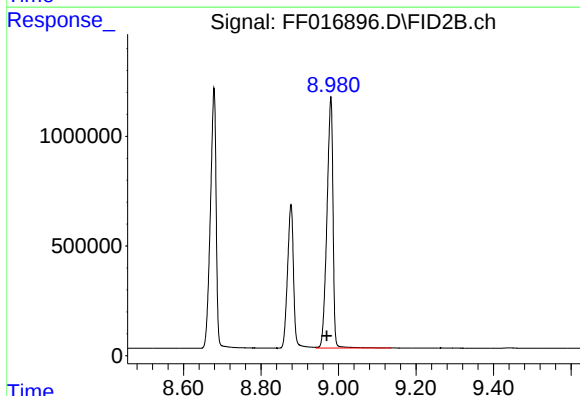
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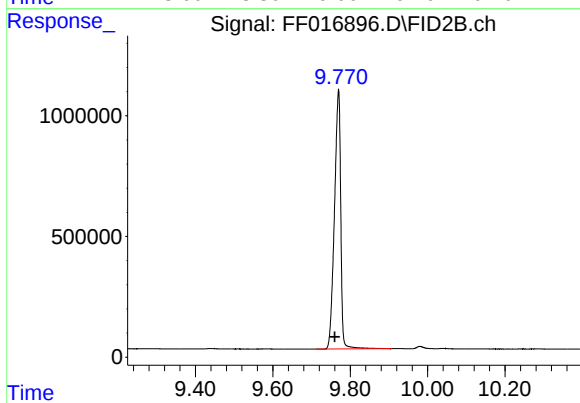
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.877 min
Delta R.T.: 0.004 min
Response: 7065269
Conc: 103.76 ug/ml



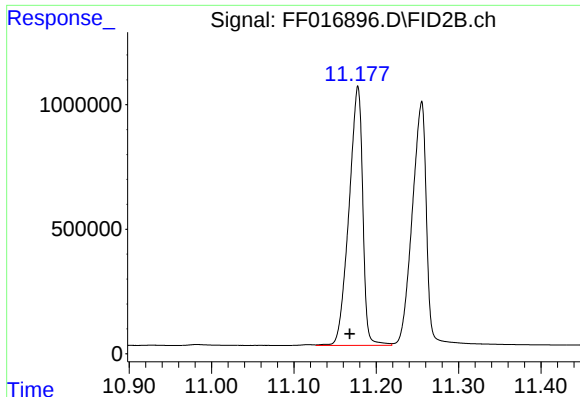
#7 Acenaphthene (C15.5)

R.T.: 8.980 min
Delta R.T.: 0.010 min
Response: 12361045
Conc: 91.42 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.769 min
Delta R.T.: 0.009 min
Response: 12098637
Conc: 95.63 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.177 min
Delta R.T.: 0.009 min
Response: 12095031
Conc: 94.38 ug/ml

Instrument :

FID_F

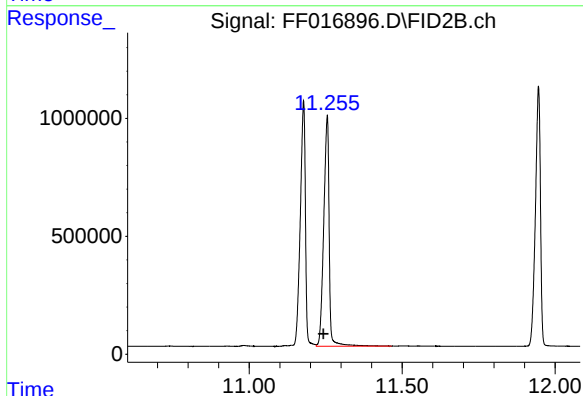
ClientSampleId :

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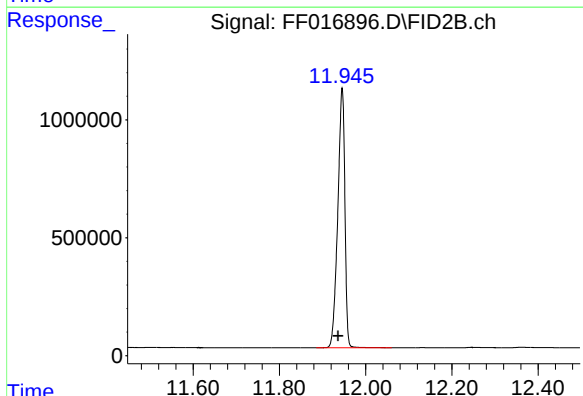
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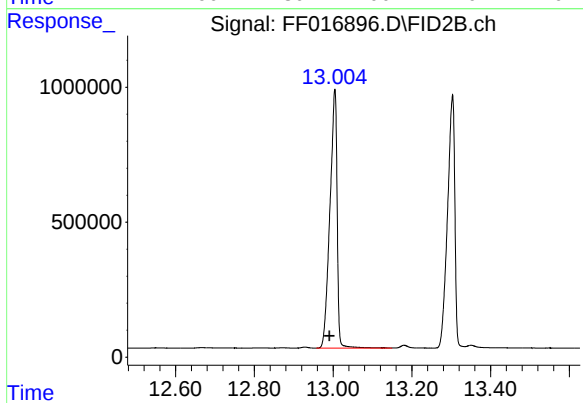
#10 Anthracene (C19.43)

R.T.: 11.254 min
Delta R.T.: 0.011 min
Response: 12050411
Conc: 90.43 ug/ml



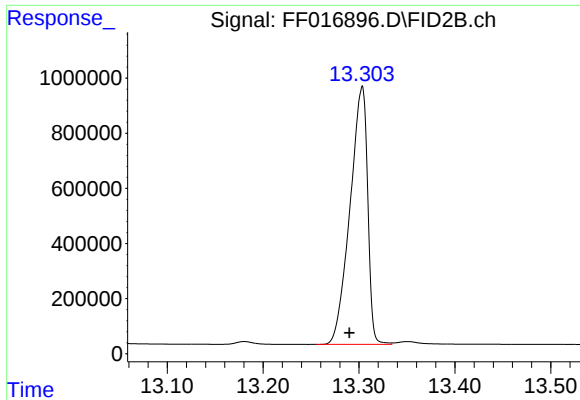
#11 ortho-Terphenyl (SURR)

R.T.: 11.945 min
Delta R.T.: 0.009 min
Response: 12597845
Conc: 88.86 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.004 min
Delta R.T.: 0.013 min
Response: 12218715
Conc: 92.02 ug/ml



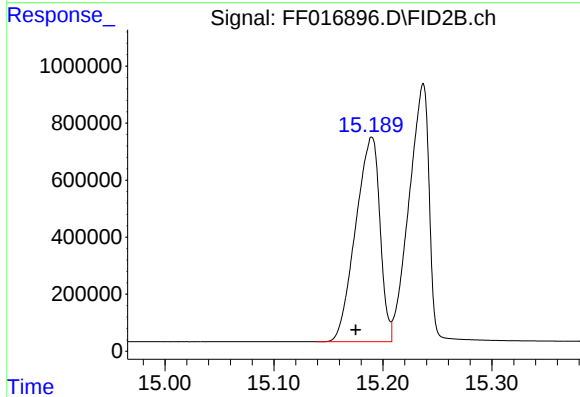
#13 Pyrene (C20.8)

R.T.: 13.303 min
Delta R.T.: 0.012 min
Response: 12033323
Conc: 94.39 ug/ml

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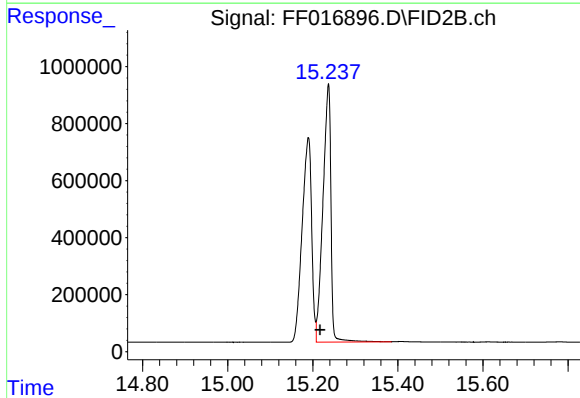
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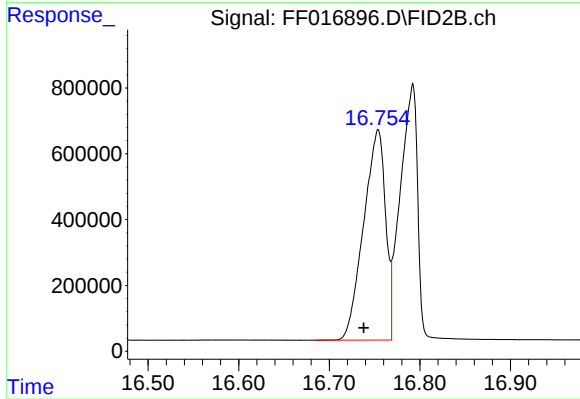
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.189 min
Delta R.T.: 0.014 min
Response: 11143198
Conc: 99.41 ug/ml



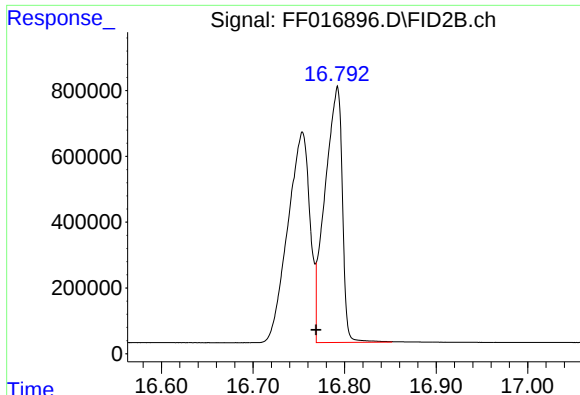
#15 Chrysene (C27.41)

R.T.: 15.236 min
Delta R.T.: 0.019 min
Response: 11792282
Conc: 86.73 ug/ml



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

R.T.: 16.753 min
Delta R.T.: 0.016 min
Response: 10745457
Conc: 96.82 ug/ml



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

R.T.: 16.792 min
Delta R.T.: 0.023 min
Response: 10203707
Conc: 85.46 ug/ml

Instrument :

FID_F

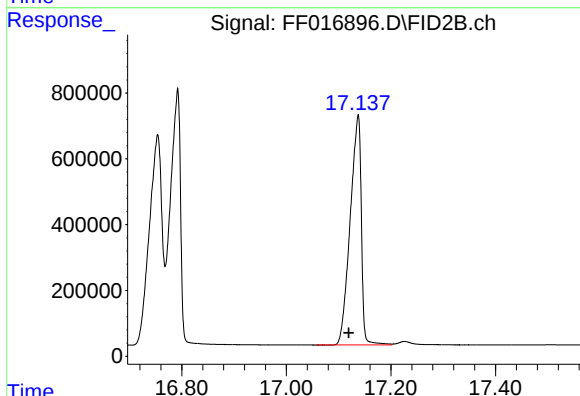
ClientSampleId :

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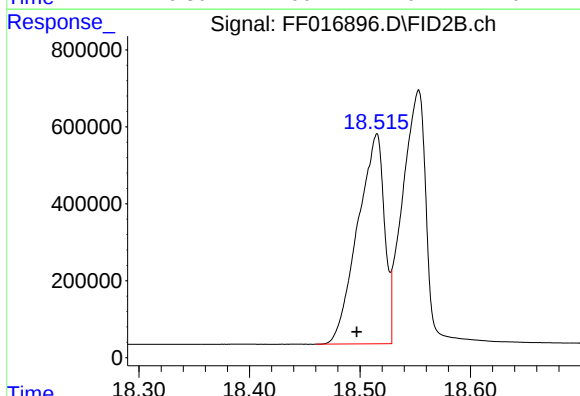
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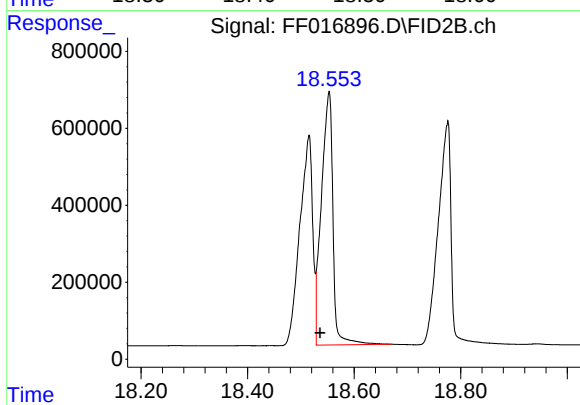
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.136 min
Delta R.T.: 0.017 min
Response: 10329464
Conc: 96.38 ug/ml



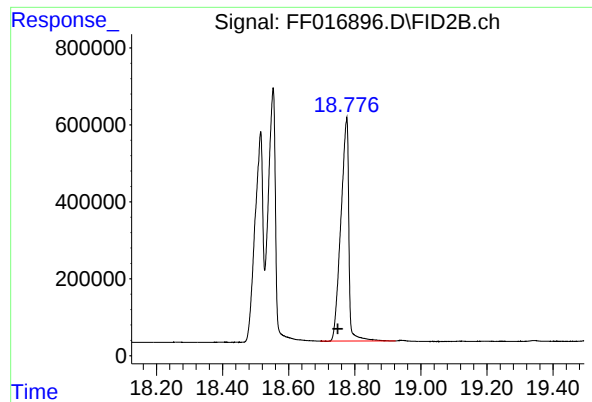
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.515 min
Delta R.T.: 0.018 min
Response: 9169170
Conc: 110.44 ug/ml



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

R.T.: 18.552 min
Delta R.T.: 0.016 min
Response: 9879118
Conc: 85.07 ug/ml



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

R.T.: 18.774 min
Delta R.T.: 0.025 min
Response: 9749562
Conc: 93.91 ug/ml

Instrument :

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