

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100225AR\
 Data File : FF016520.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2025 16:49
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/03/2025
 Supervised By :mohammad ahmed 10/04/2025

Integration File: autoint1.e
 Quant Time: Oct 03 04:07:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 100225.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 03 04:05:38 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...	8.024	1046945	9.681 ug/ml
Spiked Amount 50.000		Recovery =	19.36%
6) S 2-Fluorobiphenyl (SURR)	8.899	680060	9.349 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.70%
11) S ortho-Terphenyl (SURR)	11.966	1361780	10.143 ug/ml
Spiked Amount 50.000		Recovery =	20.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.618	1199688	9.956 ug/ml
2) T Naphthalene (C11.7)	6.295	1209931	9.690 ug/ml
3) T 2-Methylnaphthalene (...)	7.393	1228877	9.666 ug/mlm
5) T Acenaphthylene (C15.06)	8.699	1239501	9.754 ug/ml
7) T Acenaphthene (C15.5)	8.998	1240721	9.798 ug/ml
8) T Flouorene (C16.55)	9.788	1202505	9.506 ug/ml
9) T Phenanthrene (C19.36)	11.195	1244994	9.735 ug/ml
10) T Anthracene (C19.43)	11.270	1290360	10.231 ug/ml
12) T Fluoranthene (C21.85)	13.018	1299555	10.010 ug/ml
13) T Pyrene (C20.8)	13.317	1240589	9.870 ug/ml
14) T Benzo[a]anthracene (C...	15.202	1157034	9.660 ug/ml
15) T Chrysene (C27.41)	15.243	1342685	10.384 ug/ml
16) T benzo[b]fluoranthene ...	16.762	1147912	9.808 ug/ml
17) T Bnezo[k]fluoranthene ...	16.793	1201540	10.324 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.143	1137979	9.915 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.518	950225	9.713 ug/ml
20) T Dibenz[a,h]anthracene...	18.559	1301056	10.673 ug/ml
21) T Benzo[g,h,i]perylene ...	18.772	1085749	10.078 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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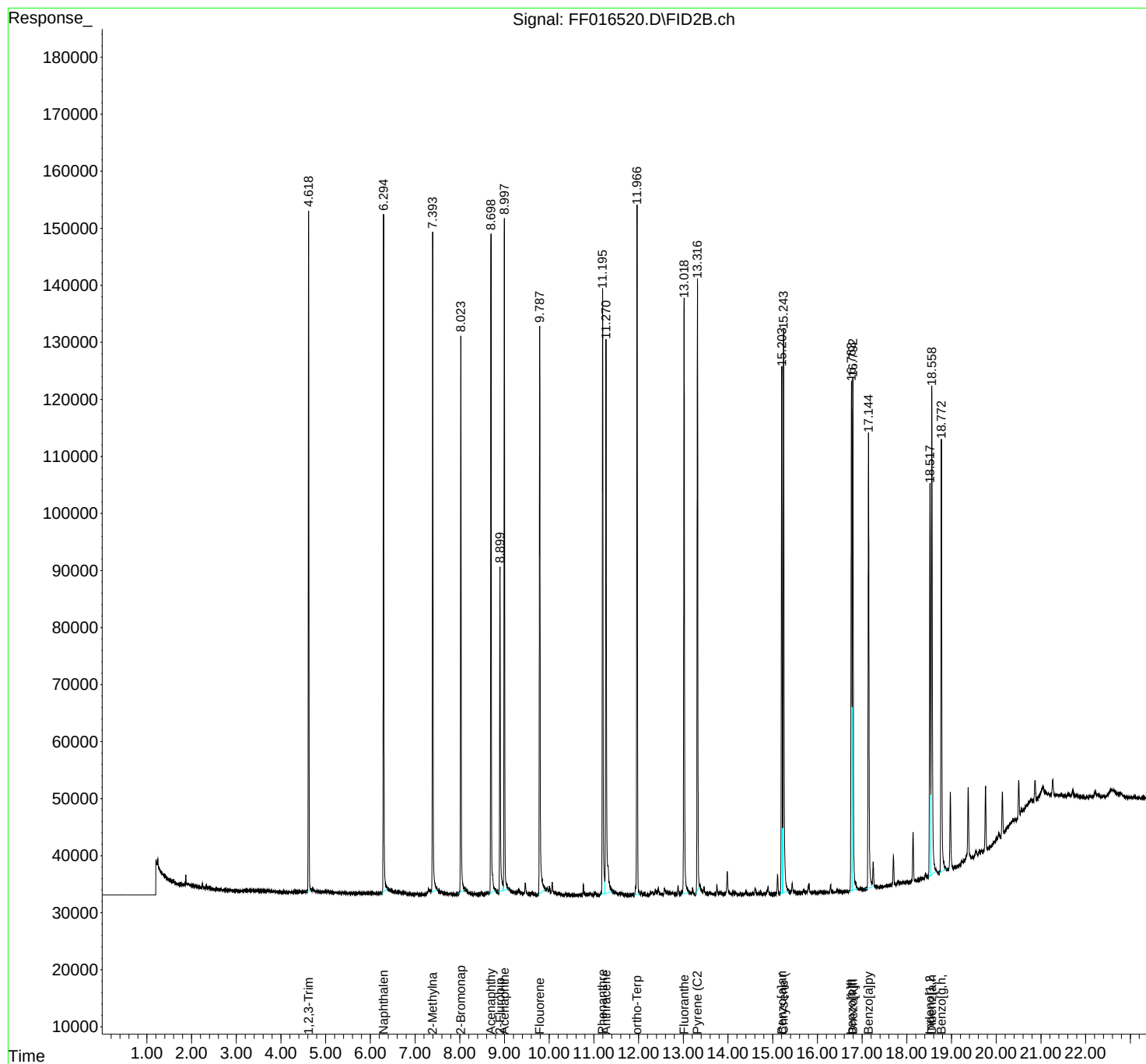
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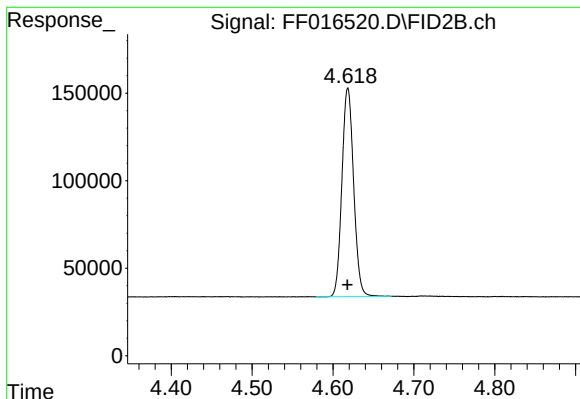
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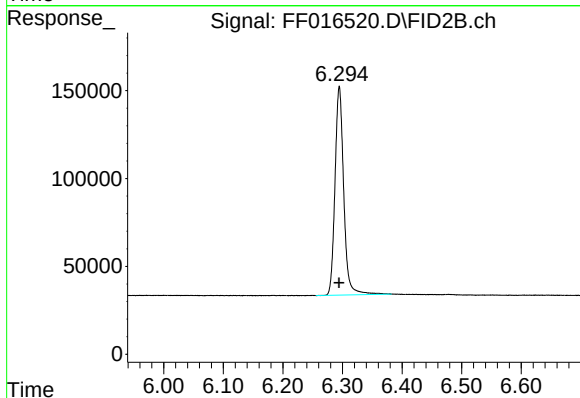
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 1199688
Conc: 9.96 ug/ml

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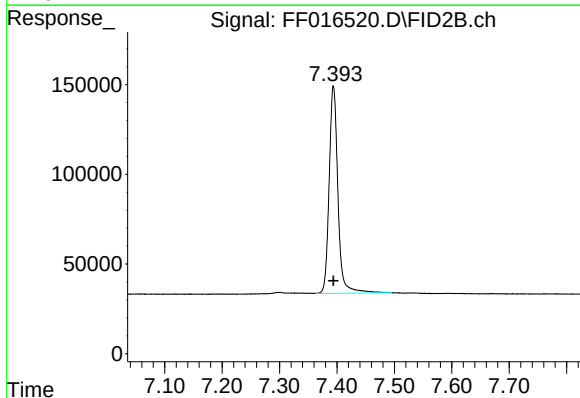
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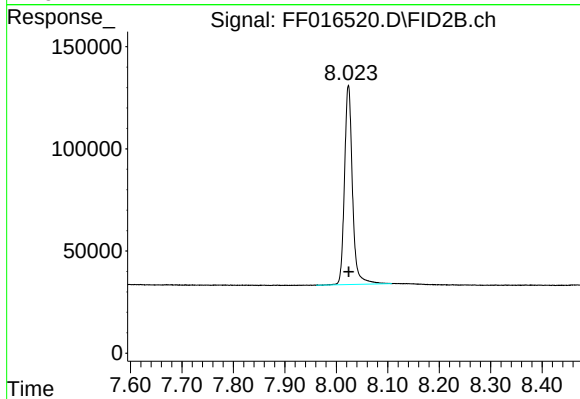
#2 Naphthalene (C11.7)

R.T.: 6.295 min
Delta R.T.: 0.000 min
Response: 1209931
Conc: 9.69 ug/ml



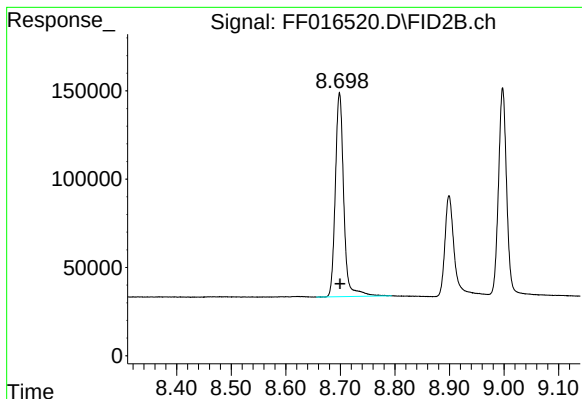
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.393 min
Delta R.T.: 0.000 min
Response: 1228877
Conc: 9.67 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 8.024 min
Delta R.T.: 0.000 min
Response: 1046945
Conc: 9.68 ug/ml



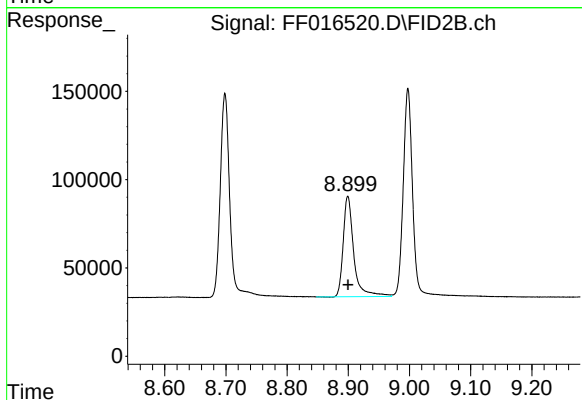
#5 Acenaphthylene (C15.06)

R.T.: 8.699 min
Delta R.T.: 0.000 min
Response: 1239501
Conc: 9.75 ug/ml

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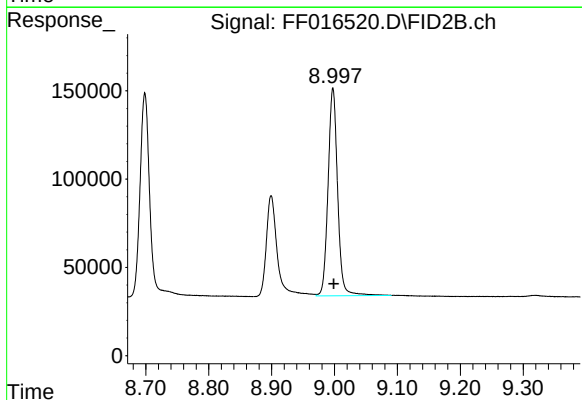
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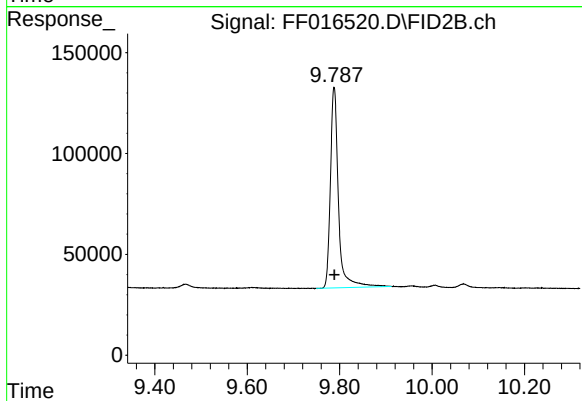
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.899 min
Delta R.T.: 0.000 min
Response: 680060
Conc: 9.35 ug/ml



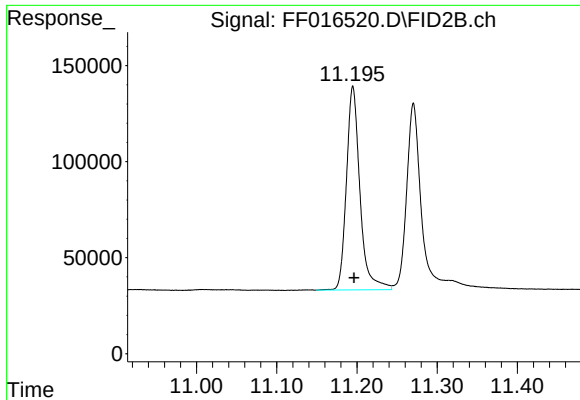
#7 Acenaphthene (C15.5)

R.T.: 8.998 min
Delta R.T.: -0.001 min
Response: 1240721
Conc: 9.80 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.788 min
Delta R.T.: 0.000 min
Response: 1202505
Conc: 9.51 ug/ml



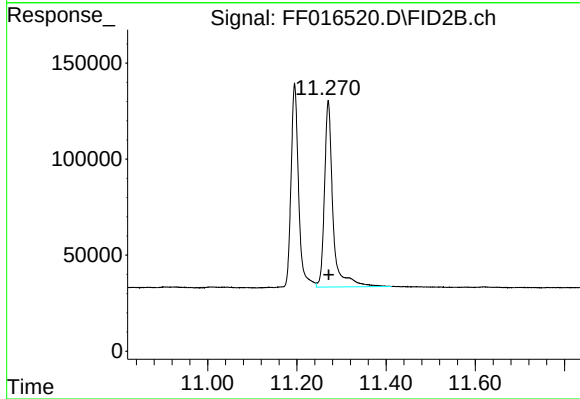
#9 Phenanthrene (C19.36)

R.T.: 11.195 min
Delta R.T.: -0.001 min
Response: 1244994
Conc: 9.74 ug/ml

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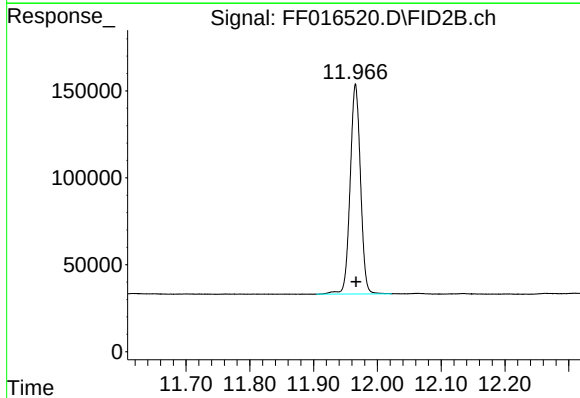
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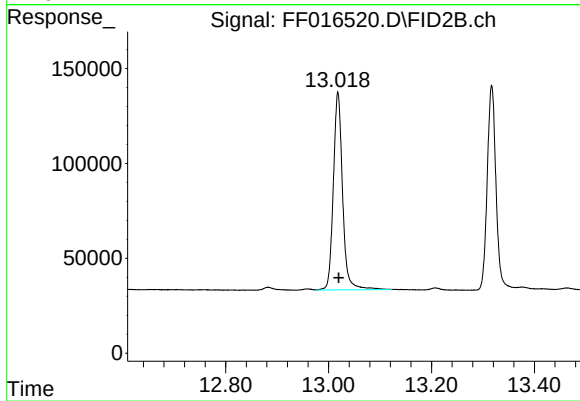
#10 Anthracene (C19.43)

R.T.: 11.270 min
Delta R.T.: 0.000 min
Response: 1290360
Conc: 10.23 ug/ml



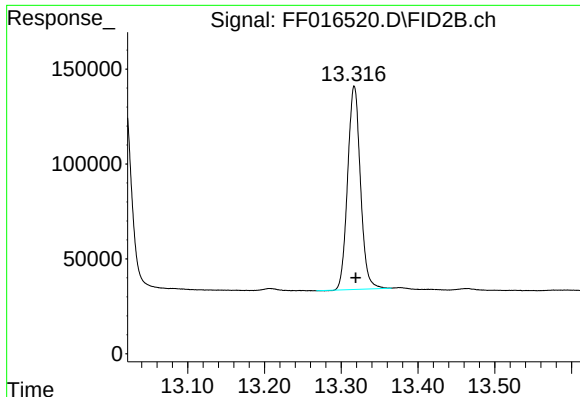
#11 ortho-Terphenyl (SURR)

R.T.: 11.966 min
Delta R.T.: 0.000 min
Response: 1361780
Conc: 10.14 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.018 min
Delta R.T.: -0.002 min
Response: 1299555
Conc: 10.01 ug/ml



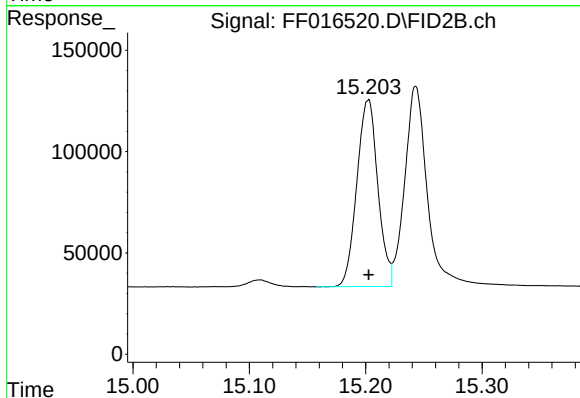
#13 Pyrene (C20.8)

R.T.: 13.317 min
Delta R.T.: -0.002 min
Response: 1240589
Conc: 9.87 ug/ml

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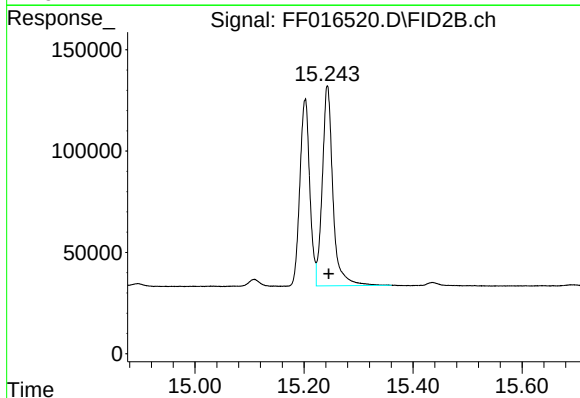
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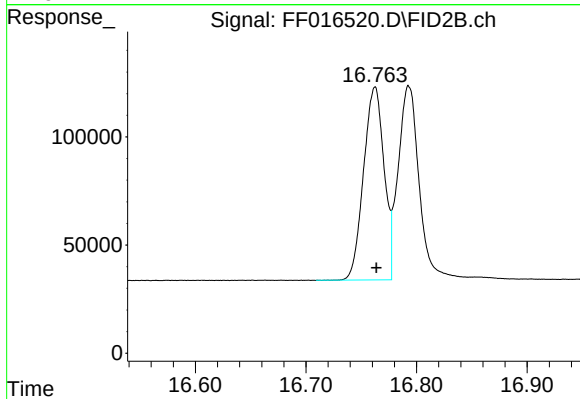
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.202 min
Delta R.T.: 0.000 min
Response: 1157034
Conc: 9.66 ug/ml



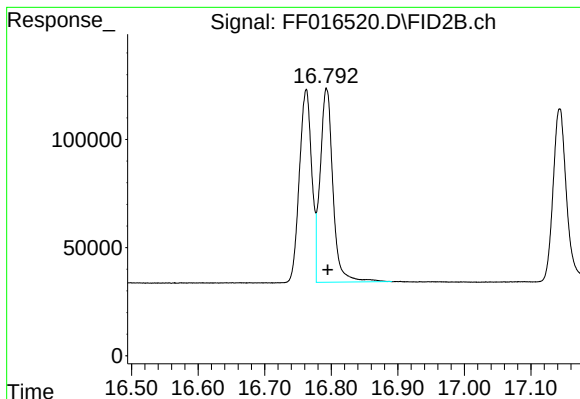
#15 Chrysene (C27.41)

R.T.: 15.243 min
Delta R.T.: -0.002 min
Response: 1342685
Conc: 10.38 ug/ml



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

R.T.: 16.762 min
Delta R.T.: -0.002 min
Response: 1147912
Conc: 9.81 ug/ml



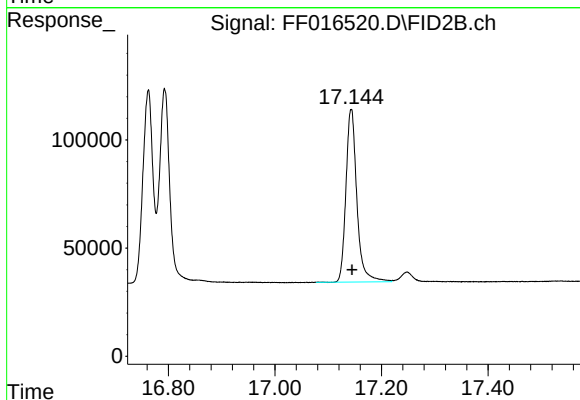
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.793 min
Delta R.T.: -0.002 min
Response: 1201540
Conc: 10.32 ug/ml

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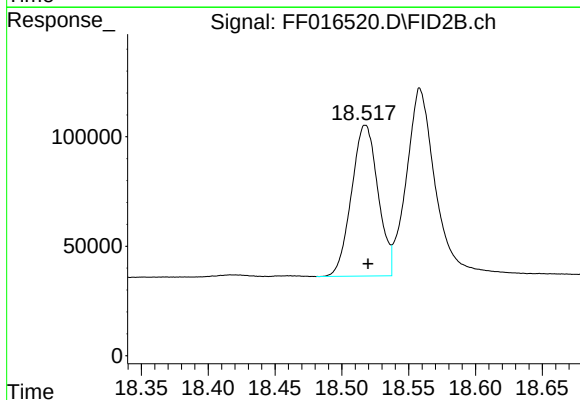
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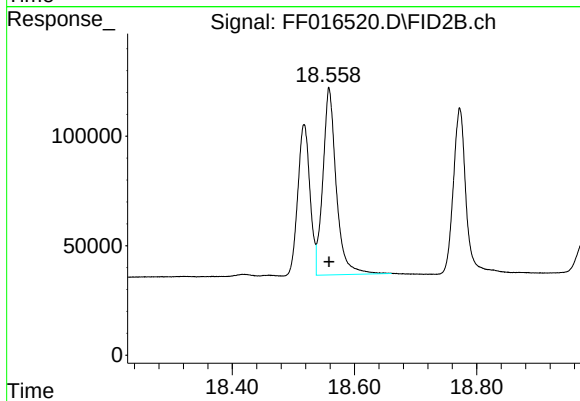
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.143 min
Delta R.T.: -0.002 min
Response: 1137979
Conc: 9.92 ug/ml



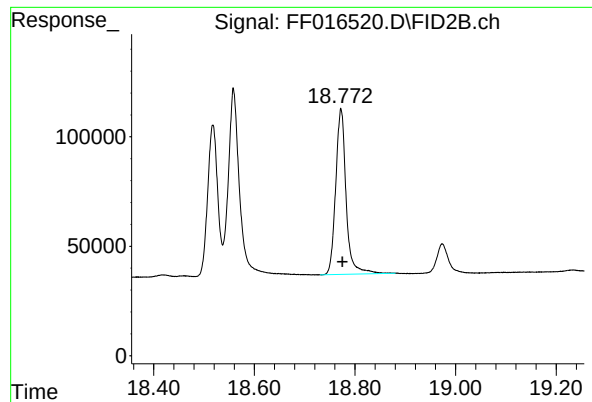
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.518 min
Delta R.T.: -0.002 min
Response: 950225
Conc: 9.71 ug/ml



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

R.T.: 18.559 min
Delta R.T.: 0.000 min
Response: 1301056
Conc: 10.67 ug/ml



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

R.T.: 18.772 min
Delta R.T.: -0.003 min
Response: 1085749
Conc: 10.08 ug/ml

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