

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF092925AR\
 Data File : FF016480.D
 Signal(s) : FID2B.ch
 Acq On : 29 Sep 2025 22:02
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 30 01:23:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 16:24:48 2025
 Response via : Initial Calibration
 Integrator: ChemStation

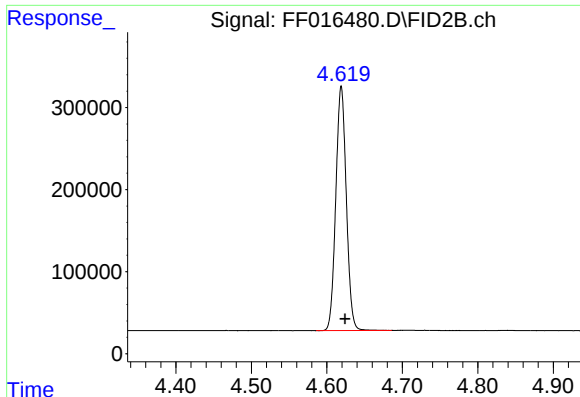
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.025	2540204	20.278 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
6) S 2-Fluorobiphenyl (SURR)	8.900	1719562	20.389 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.78%
11) S ortho-Terphenyl (SURR)	11.968	2999184	19.673 ug/ml
Spiked Amount 50.000		Recovery =	39.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.619	2881911	20.444 ug/ml
2) T Naphthalene (C11.7)	6.295	2960097	20.319 ug/ml
3) T 2-Methylnaphthalene (...)	7.395	2999928	20.377 ug/ml
5) T Acenaphthylene (C15.06)	8.701	2895979	19.984 ug/ml
7) T Acenaphthene (C15.5)	9.000	2937573	20.482 ug/ml
8) T Flouorene (C16.55)	9.790	2921064	20.220 ug/ml
9) T Phenanthrene (C19.36)	11.197	2867348	19.659 ug/ml
10) T Anthracene (C19.43)	11.272	2418954	16.908 ug/ml
12) T Fluoranthene (C21.85)	13.020	2819110	19.302 ug/ml
13) T Pyrene (C20.8)	13.319	2720548	18.985 ug/ml
14) T Benzo[a]anthracene (C...	15.202	2518448	18.501 ug/ml
15) T Chrysene (C27.41)	15.244	2682933	18.808 ug/ml
16) T benzo[b]fluoranthene ...	16.763	2512742	19.123 ug/ml
17) T Bnezo[k]fluoranthene ...	16.795	2474262	19.657 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.144	2486548	19.473 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.518	2278345	19.979 ug/ml
20) T Dibenz[a,h]anthracene...	18.558	2618796	20.059 ug/ml
21) T Benzo[g,h,i]perylene ...	18.774	2492979	20.245 ug/ml

(f)=RT Delta > 1/2 Window

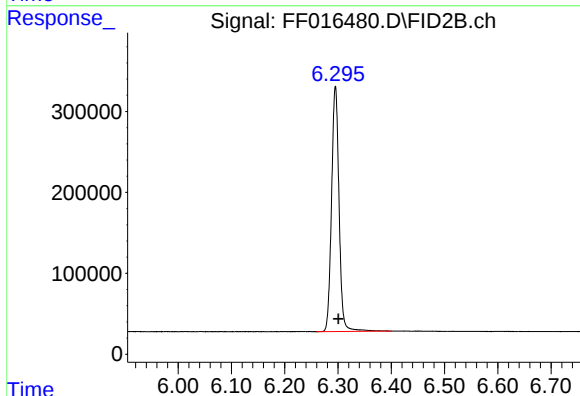
(m)=manual int.



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

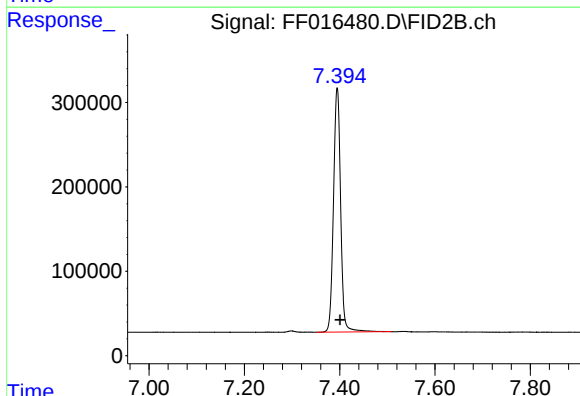
R.T.: 4.619 min
Delta R.T.: -0.005 min
Response: 2881911
Conc: 20.44 ug/ml

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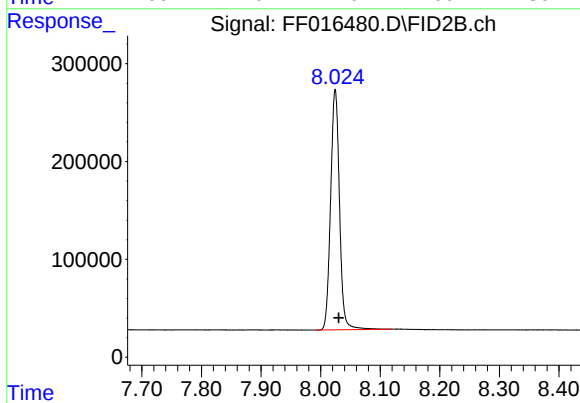
#2 Naphthalene (C11.7)

R.T.: 6.295 min
Delta R.T.: -0.006 min
Response: 2960097
Conc: 20.32 ug/ml



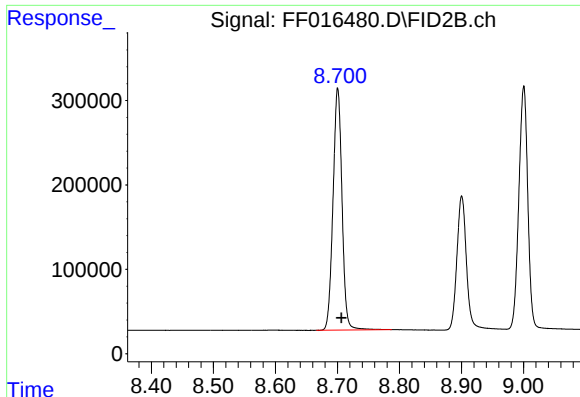
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.395 min
Delta R.T.: -0.006 min
Response: 2999928
Conc: 20.38 ug/ml



#4 2-Bromonaphthalene (SURR)

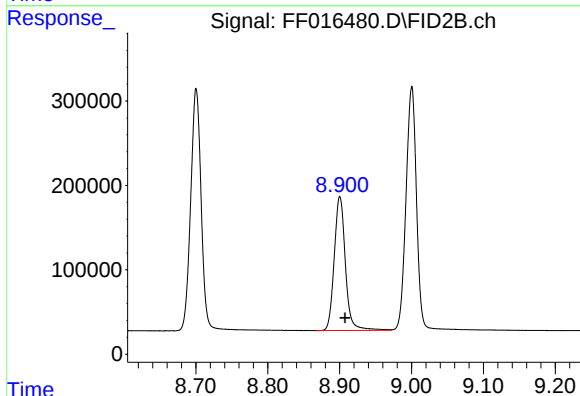
R.T.: 8.025 min
Delta R.T.: -0.006 min
Response: 2540204
Conc: 20.28 ug/ml



#5 Acenaphthylene (C15.06)

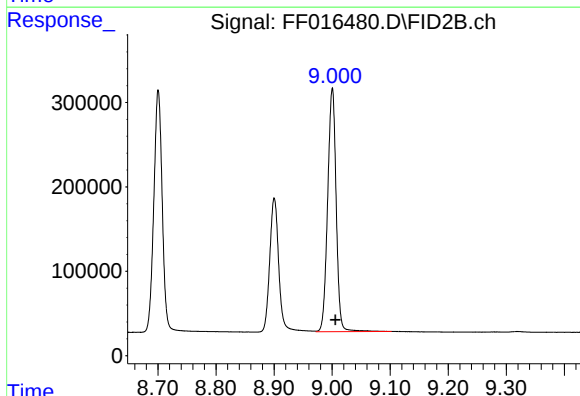
R.T.: 8.701 min
Delta R.T.: -0.006 min
Response: 2895979
Conc: 19.98 ug/ml

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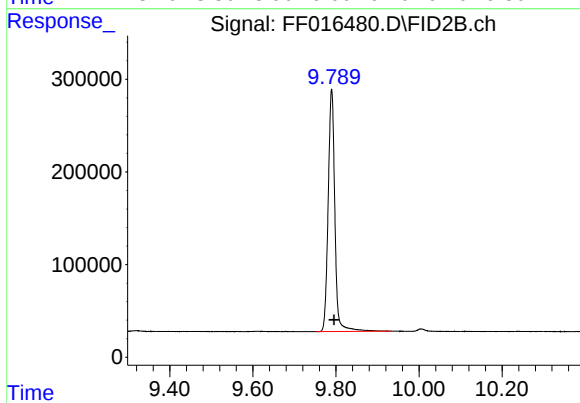
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.900 min
Delta R.T.: -0.007 min
Response: 1719562
Conc: 20.39 ug/ml



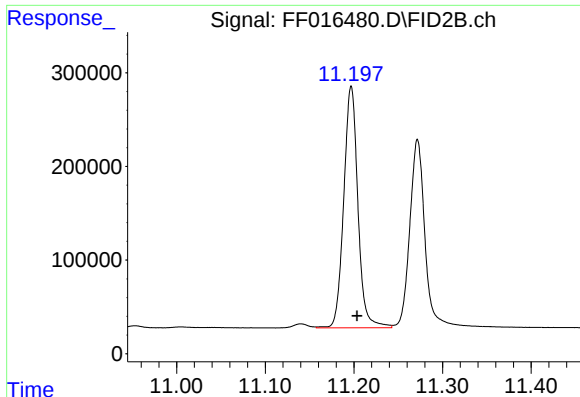
#7 Acenaphthene (C15.5)

R.T.: 9.000 min
Delta R.T.: -0.006 min
Response: 2937573
Conc: 20.48 ug/ml



#8 Fluorene (C16.55)

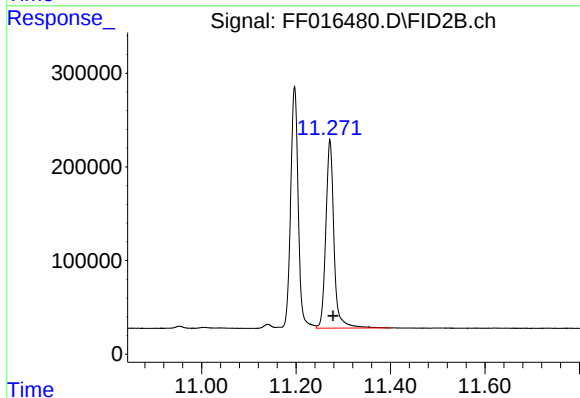
R.T.: 9.790 min
Delta R.T.: -0.006 min
Response: 2921064
Conc: 20.22 ug/ml



#9 Phenanthrene (C19.36)

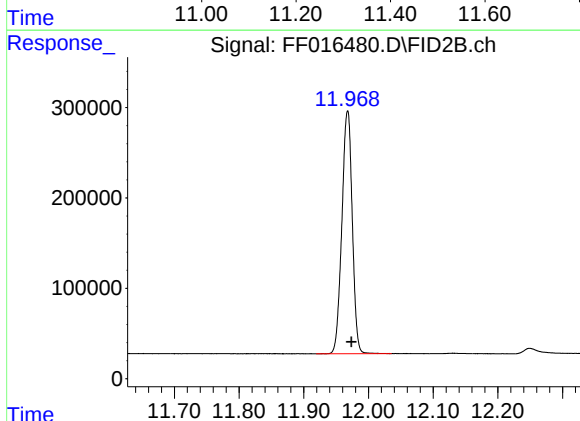
R.T.: 11.197 min
Delta R.T.: -0.007 min
Response: 2867348
Conc: 19.66 ug/ml

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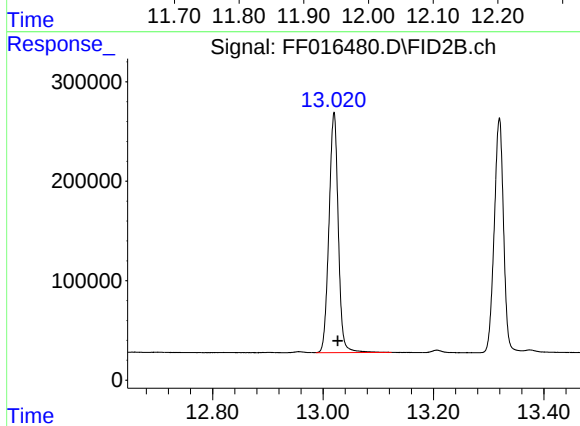
#10 Anthracene (C19.43)

R.T.: 11.272 min
Delta R.T.: -0.007 min
Response: 2418954
Conc: 16.91 ug/ml



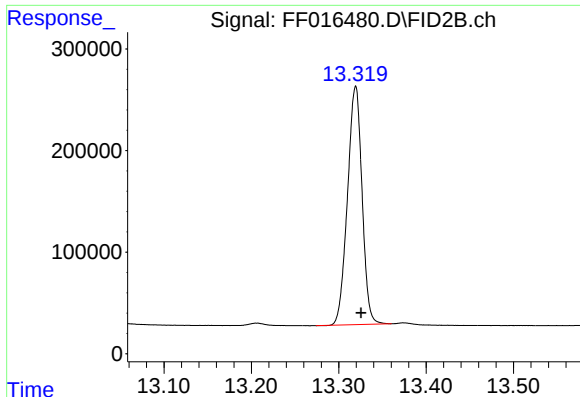
#11 ortho-Terphenyl (SURR)

R.T.: 11.968 min
Delta R.T.: -0.006 min
Response: 2999184
Conc: 19.67 ug/ml



#12 Fluoranthene (C21.85)

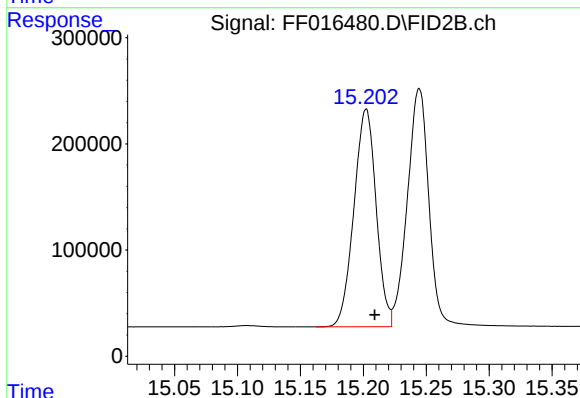
R.T.: 13.020 min
Delta R.T.: -0.007 min
Response: 2819110
Conc: 19.30 ug/ml



#13 Pyrene (C20.8)

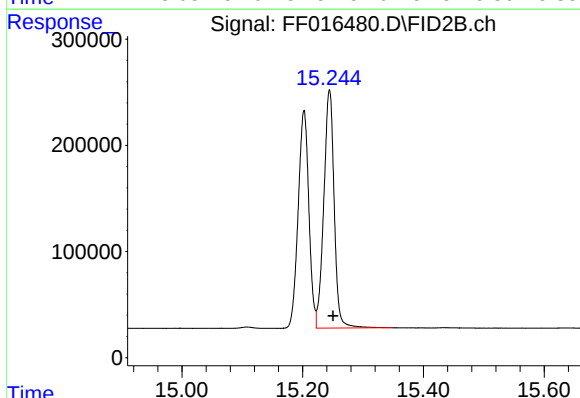
R.T.: 13.319 min
Delta R.T.: -0.006 min
Response: 2720548
Conc: 18.98 ug/ml

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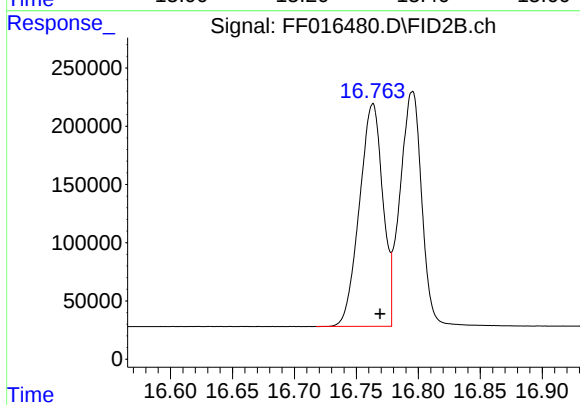
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.202 min
Delta R.T.: -0.007 min
Response: 2518448
Conc: 18.50 ug/ml



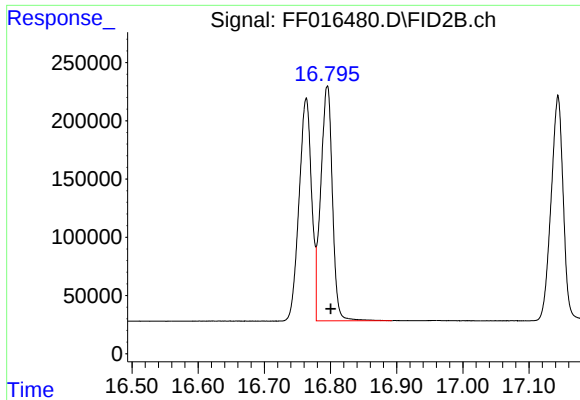
#15 Chrysene (C27.41)

R.T.: 15.244 min
Delta R.T.: -0.006 min
Response: 2682933
Conc: 18.81 ug/ml



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

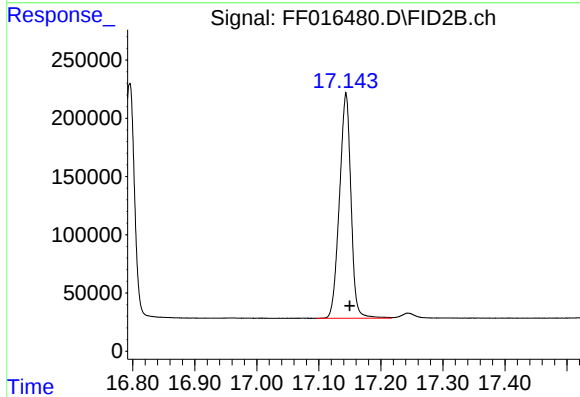
R.T.: 16.763 min
Delta R.T.: -0.006 min
Response: 2512742
Conc: 19.12 ug/ml



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

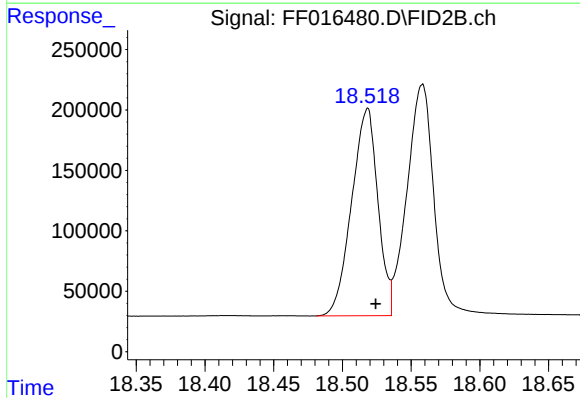
R.T.: 16.795 min
Delta R.T.: -0.006 min
Response: 2474262
Conc: 19.66 ug/ml

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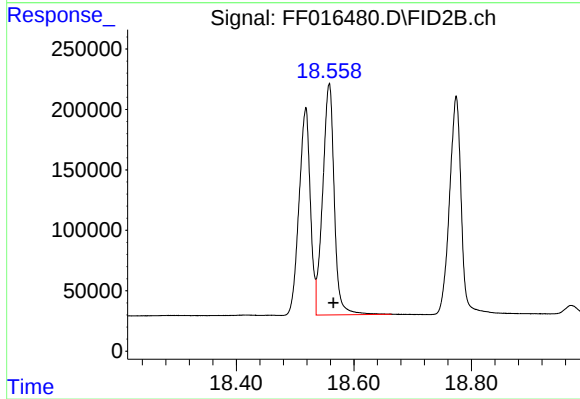
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.144 min
Delta R.T.: -0.006 min
Response: 2486548
Conc: 19.47 ug/ml



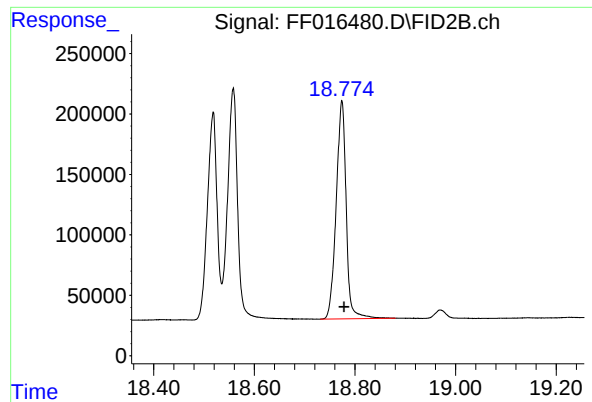
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.518 min
Delta R.T.: -0.006 min
Response: 2278345
Conc: 19.98 ug/ml



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

R.T.: 18.558 min
Delta R.T.: -0.007 min
Response: 2618796
Conc: 20.06 ug/ml



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

R.T.: 18.774 min
Delta R.T.: -0.004 min
Response: 2492979
Conc: 20.25 ug/ml

Instrument :

FID_F

ClientSampleId :

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