

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111725AR\
 Data File : FF016727.D
 Signal(s) : FID2B.ch
 Acq On : 17 Nov 2025 20:29
 Operator : YP\AJ
 Sample : Q3586-03MSD
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SED-3MSD

Integration File: autoint1.e
 Quant Time: Nov 18 00:37:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 29 18:27:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

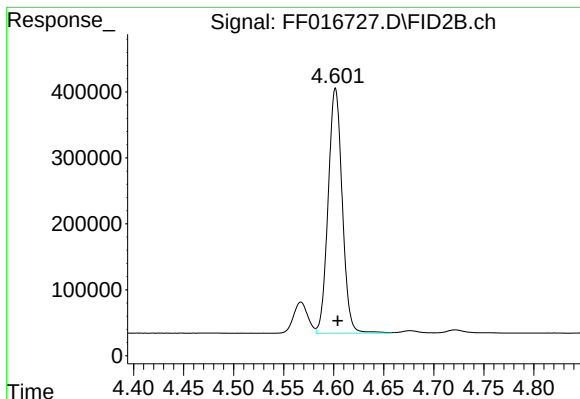
Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	8.010	5451012	48.102 ug/ml
Spiked Amount 50.000		Recovery =	96.20%
6) S 2-Fluorobiphenyl (SURR)	8.886	3671951	51.485 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.97%
11) S ortho-Terphenyl (SURR)	11.953	5206037	35.451 ug/ml
Spiked Amount 50.000		Recovery =	70.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.602	3638107	27.638 ug/ml
2) T Naphthalene (C11.7)	6.278	3915385	29.597 ug/ml
3) T 2-Methylnaphthalene (...)	7.379	3658291	27.519 ug/ml
5) T Acenaphthylene (C15.06)	8.685	4338030	32.109 ug/ml
7) T Acenaphthene (C15.5)	8.985	4454430	32.405 ug/ml
8) T Flouorene (C16.55)	9.775	4650800	35.723 ug/ml
9) T Phenanthrene (C19.36)	11.184	4835762	36.571 ug/ml
10) T Anthracene (C19.43)	11.259	5008654	36.962 ug/ml
12) T Fluoranthene (C21.85)	13.009	4947576	36.051 ug/ml
13) T Pyrene (C20.8)	13.308	4847947	35.375 ug/ml
14) T Benzo[a]anthracene (C...	15.194	4464980	39.204 ug/ml
15) T Chrysene (C27.41)	15.238	5420407	38.411 ug/ml
16) T benzo[b]fluoranthene ...	16.759	4465931	40.184 ug/ml
17) T Bnezo[k]fluoranthene ...	16.792	4633293	37.933 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.140	4384198	39.947 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.520	4569764	53.105 ug/ml
20) T Dibenz[a,h]anthracene...	18.557	4852505	36.847 ug/ml
21) T Benzo[g,h,i]perylene ...	18.777	4789362	45.194 ug/ml

(f)=RT Delta > 1/2 Window

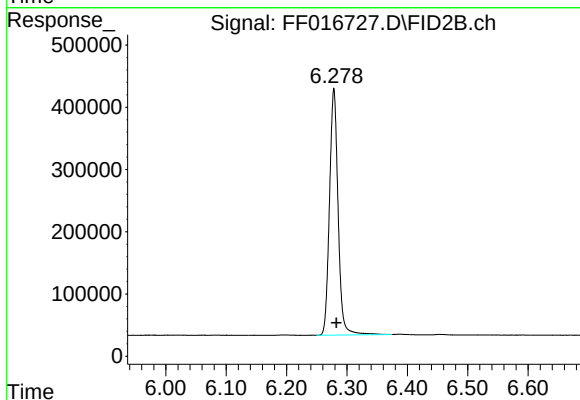
(m)=manual int.



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

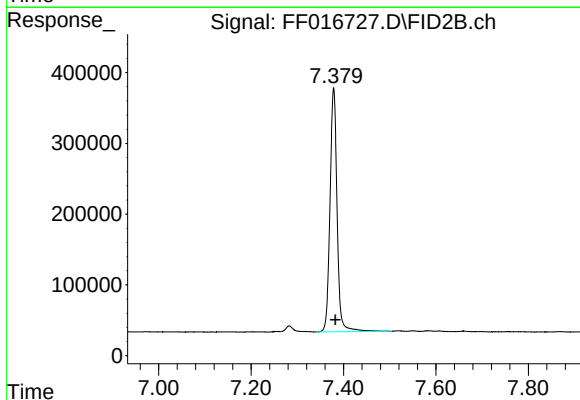
R.T.: 4.602 min
Delta R.T.: -0.002 min
Response: 3638107
Conc: 27.64 ug/ml

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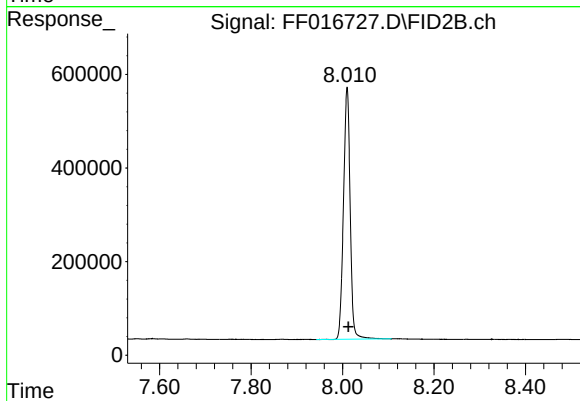
#2 Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.004 min
Response: 3915385
Conc: 29.60 ug/ml



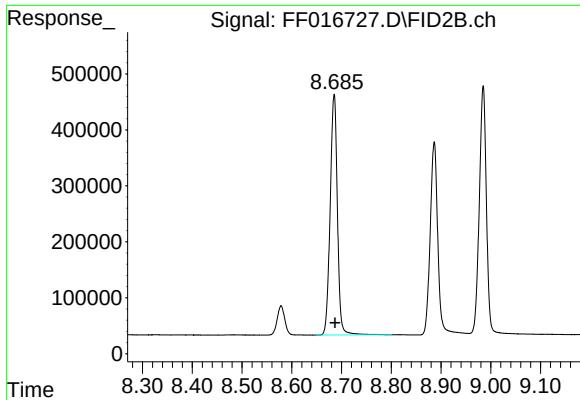
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.379 min
Delta R.T.: -0.004 min
Response: 3658291
Conc: 27.52 ug/ml



#4 2-Bromonaphthalene (SURR)

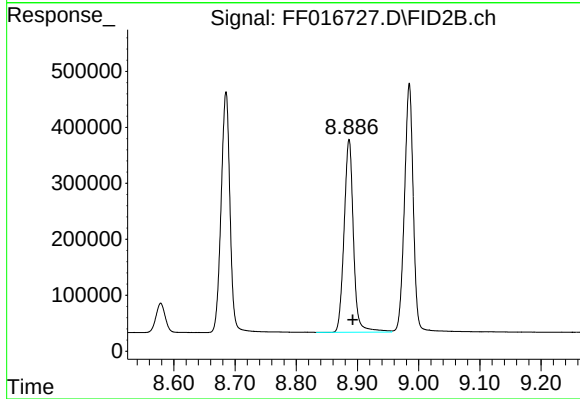
R.T.: 8.010 min
Delta R.T.: -0.003 min
Response: 5451012
Conc: 48.10 ug/ml



#5 Acenaphthylene (C15.06)

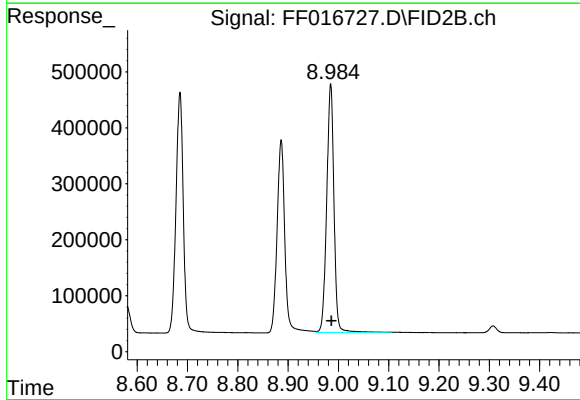
R.T.: 8.685 min
Delta R.T.: -0.002 min
Response: 4338030
Conc: 32.11 ug/ml

Instrument :
FID_F
ClientSampleId :
SED-3MSD



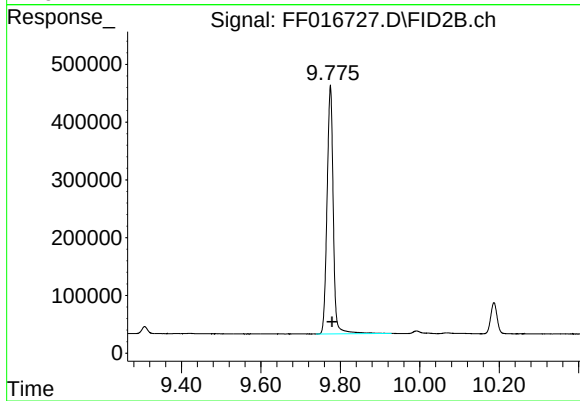
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.886 min
Delta R.T.: -0.006 min
Response: 3671951
Conc: 51.48 ug/ml



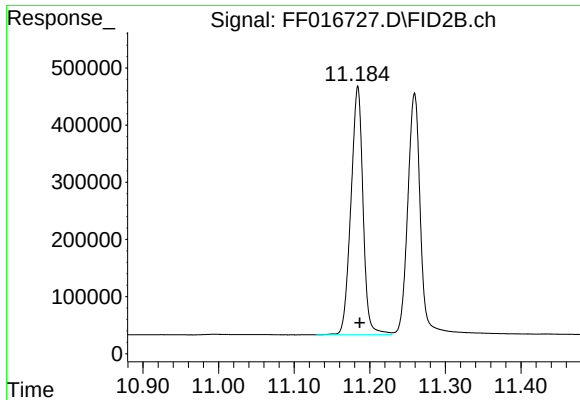
#7 Acenaphthene (C15.5)

R.T.: 8.985 min
Delta R.T.: -0.001 min
Response: 4454430
Conc: 32.41 ug/ml



#8 Fluorene (C16.55)

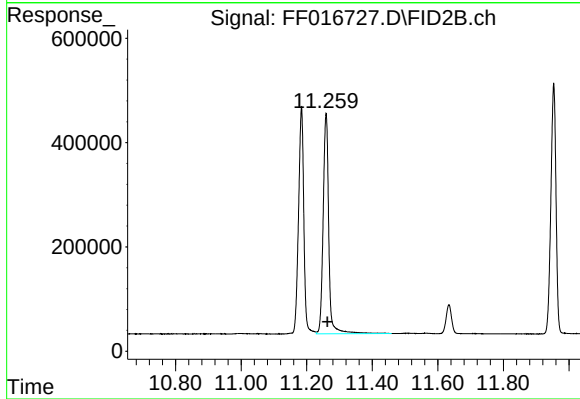
R.T.: 9.775 min
Delta R.T.: -0.004 min
Response: 4650800
Conc: 35.72 ug/ml



#9 Phenanthrene (C19.36)

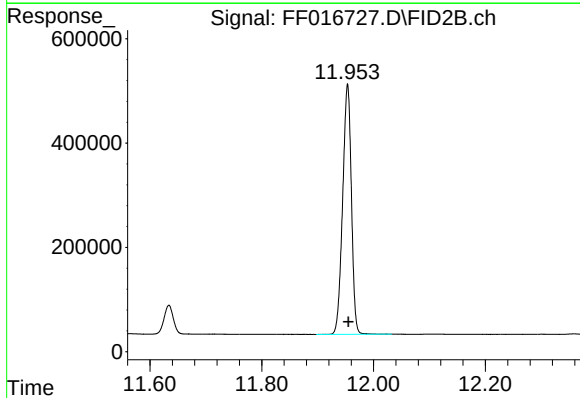
R.T.: 11.184 min
Delta R.T.: -0.003 min
Response: 4835762
Conc: 36.57 ug/ml

Instrument :
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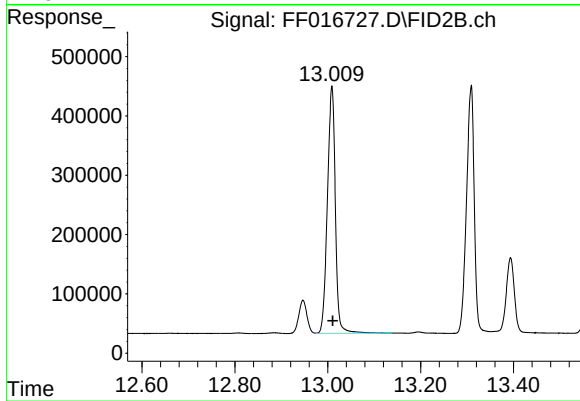
#10 Anthracene (C19.43)

R.T.: 11.259 min
Delta R.T.: -0.005 min
Response: 5008654
Conc: 36.96 ug/ml



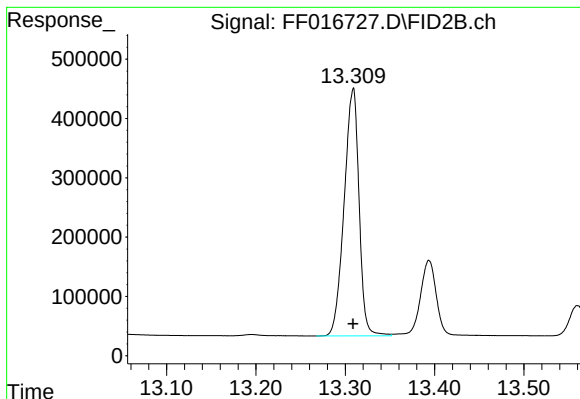
#11 ortho-Terphenyl (SURR)

R.T.: 11.953 min
Delta R.T.: -0.001 min
Response: 5206037
Conc: 35.45 ug/ml



#12 Fluoranthene (C21.85)

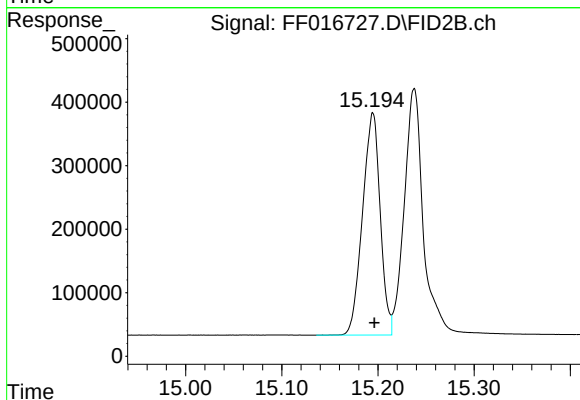
R.T.: 13.009 min
Delta R.T.: -0.002 min
Response: 4947576
Conc: 36.05 ug/ml



#13 Pyrene (C20.8)

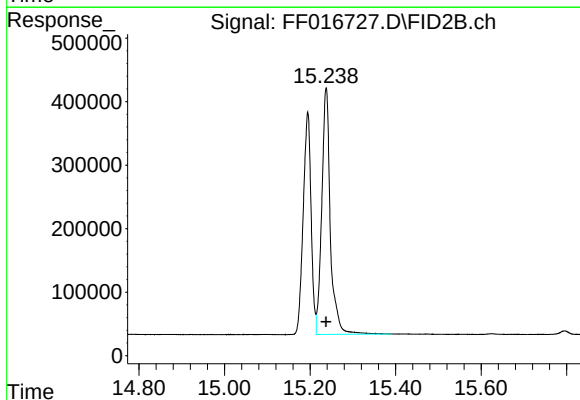
R.T.: 13.308 min
Delta R.T.: 0.000 min
Response: 4847947
Conc: 35.37 ug/ml

Instrument :
FID_F
ClientSampleId :
SED-3MSD



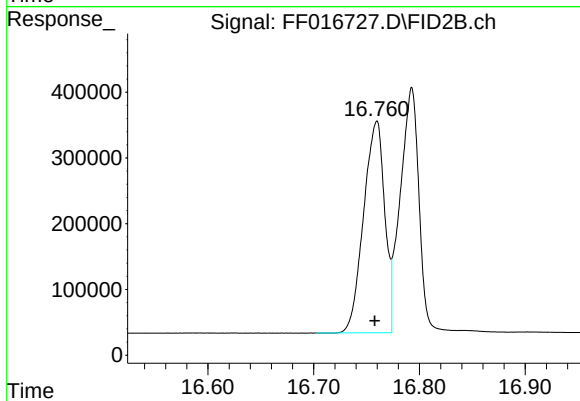
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.194 min
Delta R.T.: -0.002 min
Response: 4464980
Conc: 39.20 ug/ml



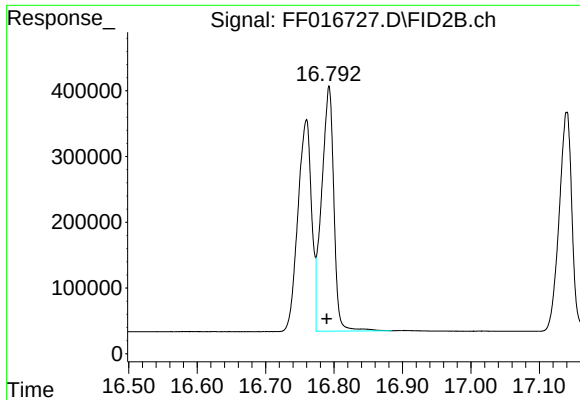
#15 Chrysene (C27.41)

R.T.: 15.238 min
Delta R.T.: 0.000 min
Response: 5420407
Conc: 38.41 ug/ml



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

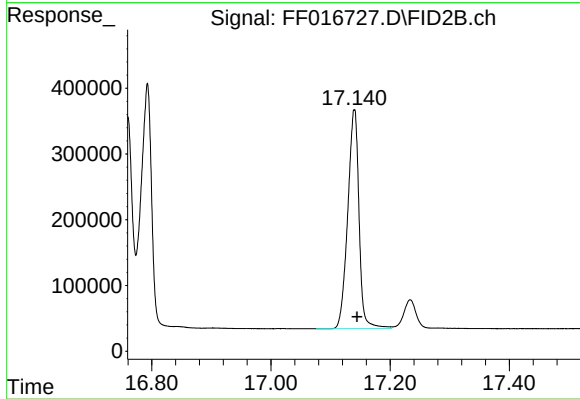
R.T.: 16.759 min
Delta R.T.: 0.001 min
Response: 4465931
Conc: 40.18 ug/ml



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

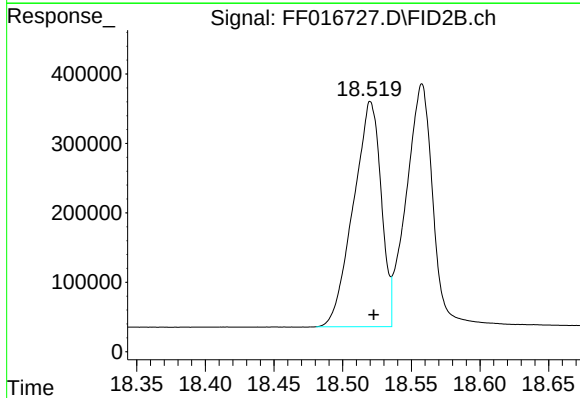
R.T.: 16.792 min
Delta R.T.: 0.003 min
Response: 4633293
Conc: 37.93 ug/ml

Instrument :
FID_F
ClientSampleId :
SED-3MSD



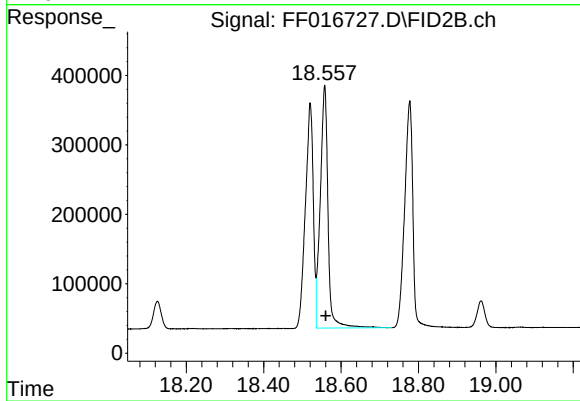
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.140 min
Delta R.T.: -0.005 min
Response: 4384198
Conc: 39.95 ug/ml



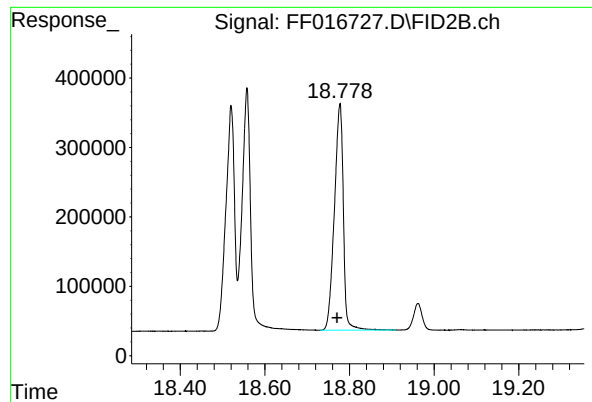
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.520 min
Delta R.T.: -0.002 min
Response: 4569764
Conc: 53.10 ug/ml



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

R.T.: 18.557 min
Delta R.T.: -0.003 min
Response: 4852505
Conc: 36.85 ug/ml



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

R.T.: 18.777 min
Delta R.T.: 0.006 min
Response: 4789362
Conc: 45.19 ug/ml

Instrument :
FID_F
ClientSampleId :
SED-3MSD