

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091324AR\
 Data File : FD048309.D
 Signal(s) : FID2B.ch
 Acq On : 13 Sep 2024 15:58
 Operator : YP/AJ
 Sample : P3905-01MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP-3AMSD

Integration File: autoint1.e
 Quant Time: Sep 14 01:18:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 2024
 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...	7.389	7035055	46.387 ug/ml
Spiked Amount 50.000		Recovery =	92.77%
6) S 2-Fluorobiphenyl (SURR)	8.240	3856479	40.361 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	80.72%
11) S ortho-Terphenyl (SURR)	11.275	4722919	27.528 ug/ml
Spiked Amount 50.000		Recovery =	55.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.210	4456559	25.263 ug/ml
2) T Naphthalene (C11.7)	5.729	5220928	28.871 ug/ml
3) T 2-Methylnaphthalene (...)	6.776	5010849	28.008 ug/ml
5) T Acenaphthylene (C15.06)	8.042	5635594	32.256 ug/ml
7) T Acenaphthene (C15.5)	8.337	6013857	33.814 ug/ml
8) T Fluorene (C16.55)	9.115	6197890	37.013 ug/ml
9) T Phenanthrene (C19.36)	10.503	6247510	38.697 ug/ml
10) T Anthracene (C19.43)	10.578	6256963	39.320 ug/ml
12) T Fluoranthene (C21.85)	12.307	7074671	43.640 ug/ml
13) T Pyrene (C20.8)	12.601	6853715	42.746 ug/ml
14) T Benzo[a]anthracene (C...	14.469	5820887	41.555 ug/ml
15) T Chrysene (C27.41)	14.511	5968754	36.237 ug/ml
16) T benzo[b]fluoranthene ...	16.016	5947338	40.029 ug/ml
17) T Bnezo[k]fluoranthene ...	16.049	6009448	39.018 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.391	5647891	38.174 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.755	5261134	46.561 ug/ml
20) T Dibenz[a,h]anthracene...	17.793	5742906	37.631 ug/ml
21) T Benzo[g,h,i]perylene ...	18.005	5384213	36.527 ug/ml

(f)=RT Delta > 1/2 Window

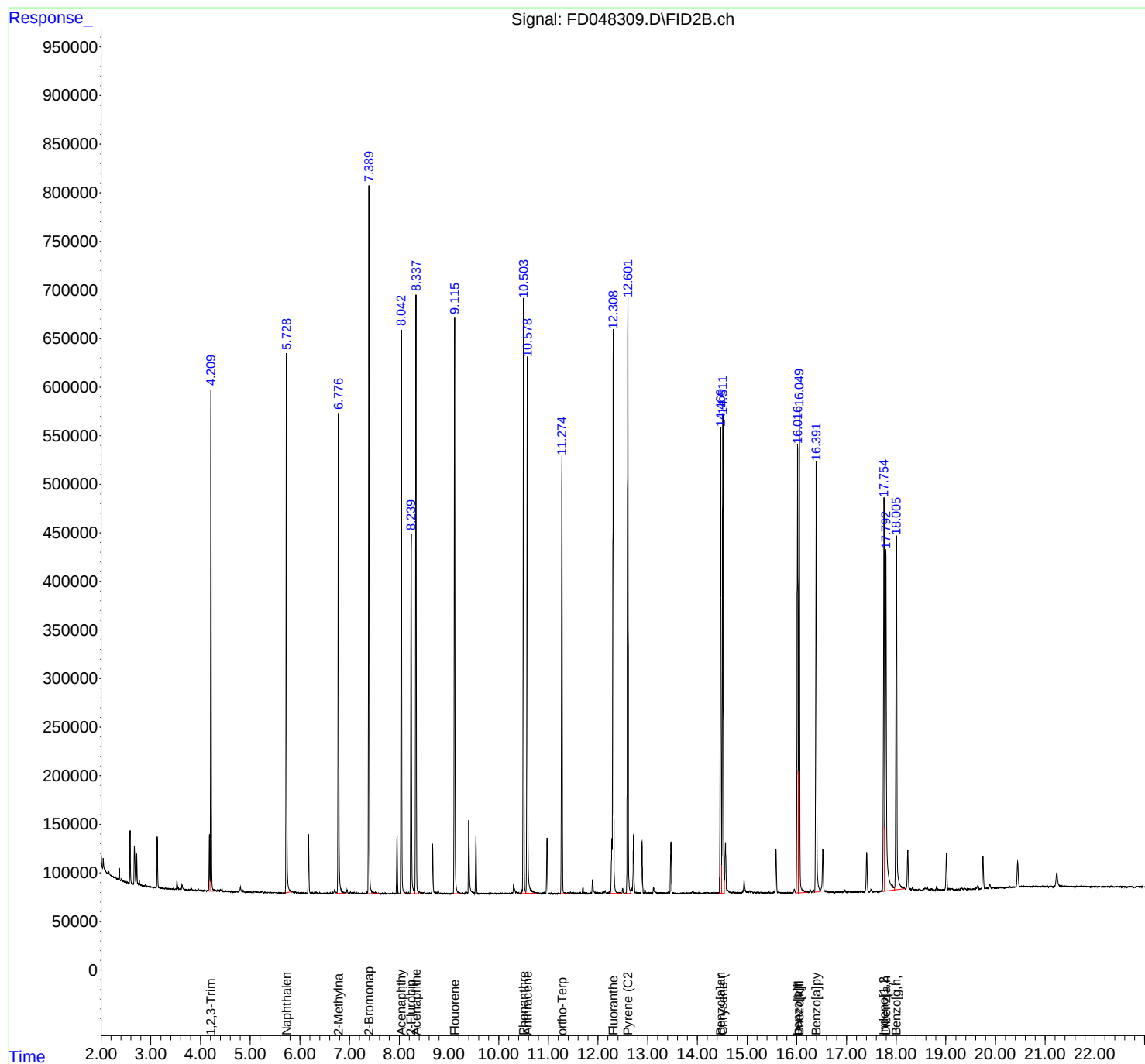
(m)=manual int.

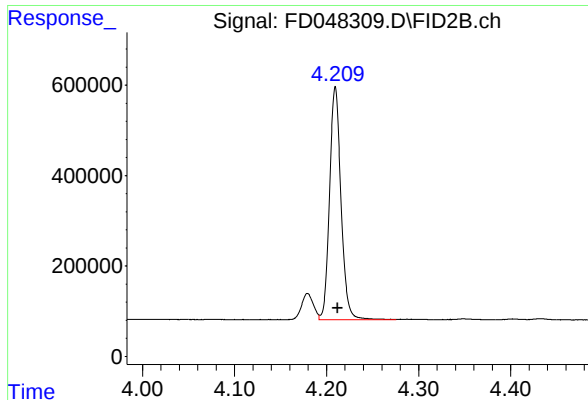
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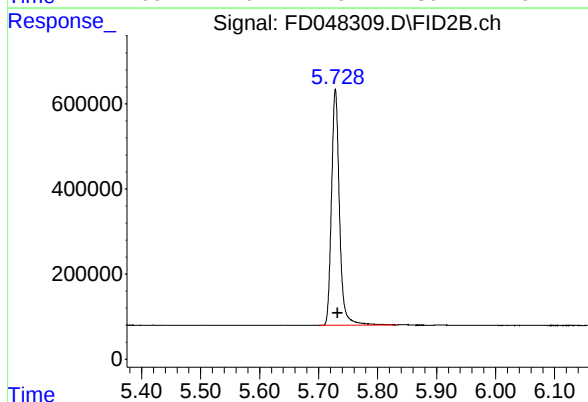




#1 1,2,3-Trimethylbenzene (C10.1)

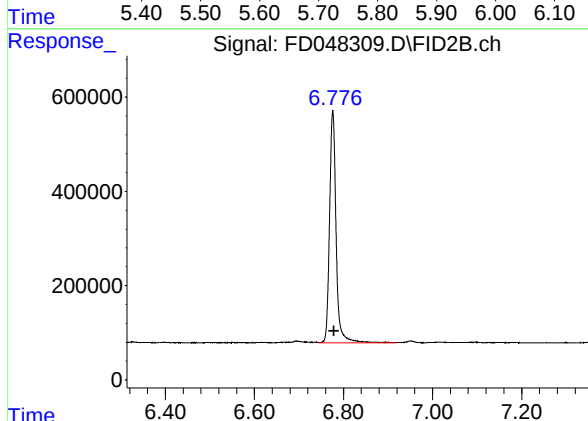
R.T.: 4.210 min
Delta R.T.: -0.002 min
Response: 4456559
Conc: 25.26 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-3AMSD



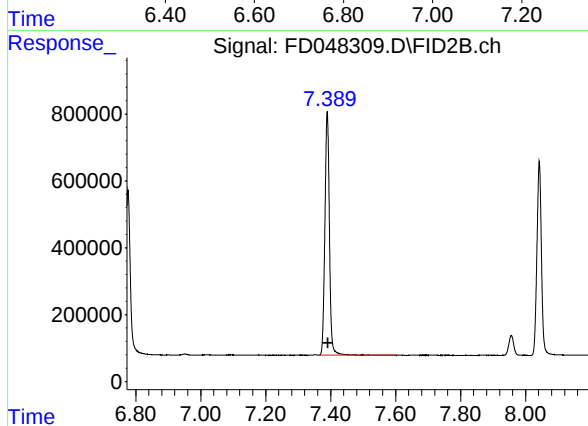
#2 Naphthalene (C11.7)

R.T.: 5.729 min
Delta R.T.: -0.004 min
Response: 5220928
Conc: 28.87 ug/ml



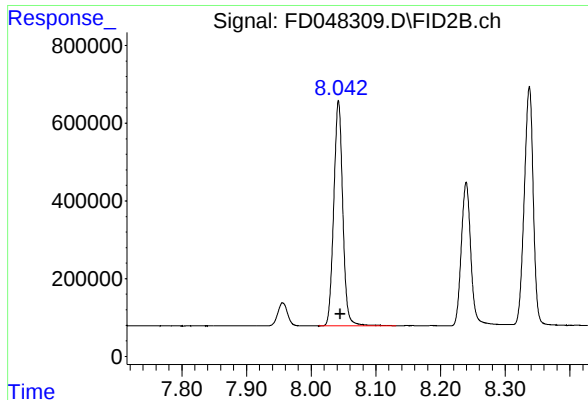
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.776 min
Delta R.T.: -0.003 min
Response: 5010849
Conc: 28.01 ug/ml



#4 2-Bromonaphthalene (SURR)

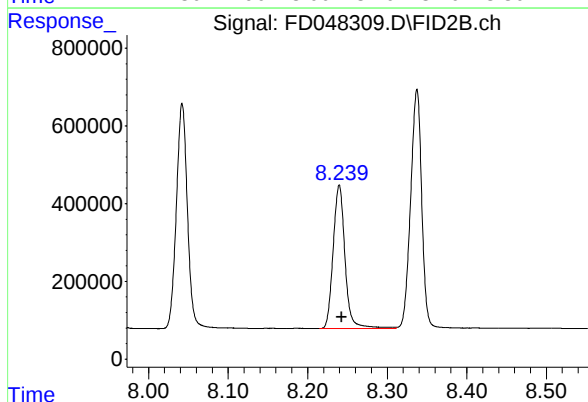
R.T.: 7.389 min
Delta R.T.: -0.002 min
Response: 7035055
Conc: 46.39 ug/ml



#5 Acenaphthylene (C15.06)

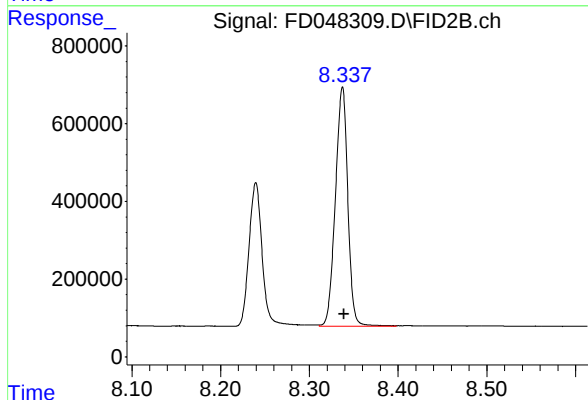
R.T.: 8.042 min
Delta R.T.: -0.002 min
Response: 5635594
Conc: 32.26 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-3AMSD



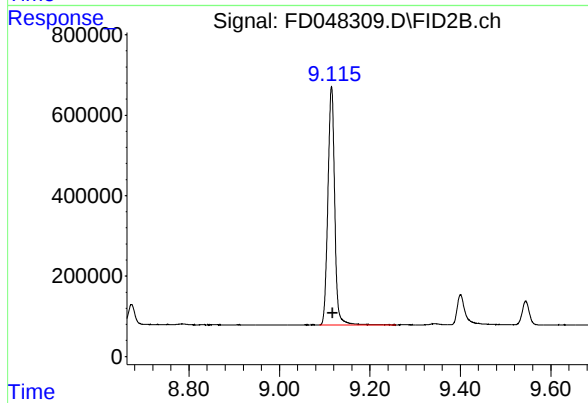
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.240 min
Delta R.T.: -0.003 min
Response: 3856479
Conc: 40.36 ug/ml



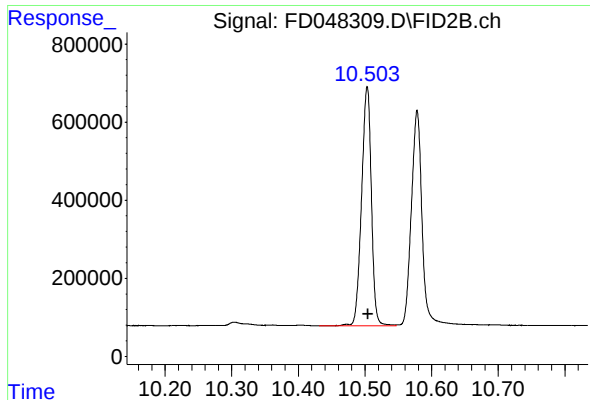
#7 Acenaphthene (C15.5)

R.T.: 8.337 min
Delta R.T.: -0.002 min
Response: 6013857
Conc: 33.81 ug/ml



#8 Flouorene (C16.55)

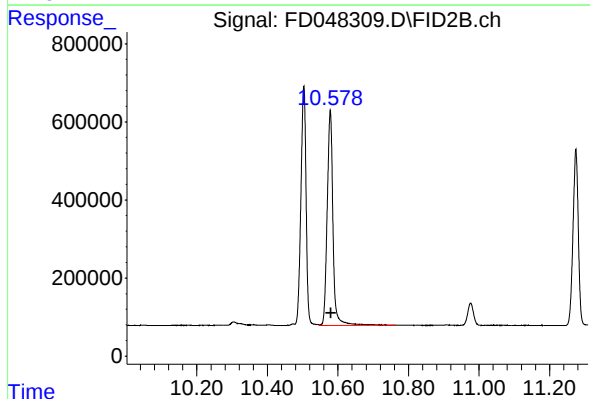
R.T.: 9.115 min
Delta R.T.: -0.003 min
Response: 6197890
Conc: 37.01 ug/ml



#9 Phenanthrene (C19.36)

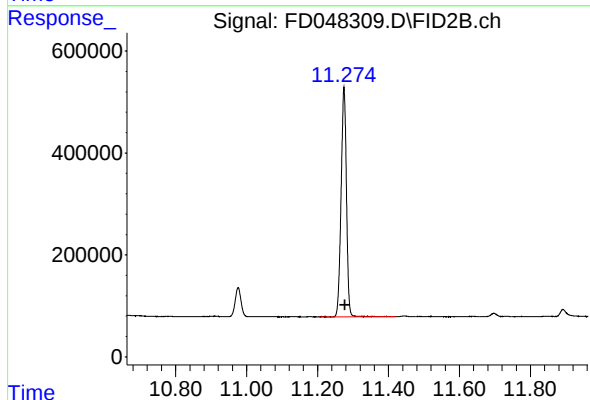
R.T.: 10.503 min
Delta R.T.: -0.002 min
Response: 6247510
Conc: 38.70 ug/ml

Instrument :
FID_D
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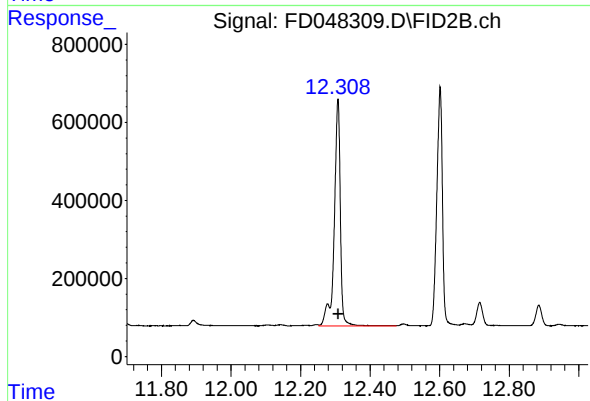
#10 Anthracene (C19.43)

R.T.: 10.578 min
Delta R.T.: -0.002 min
Response: 6256963
Conc: 39.32 ug/ml



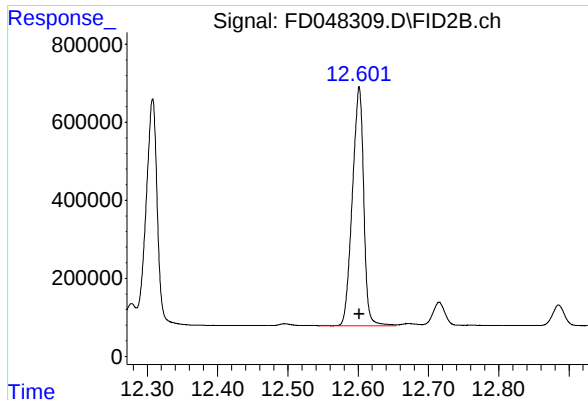
#11 ortho-Terphenyl (SURR)

R.T.: 11.275 min
Delta R.T.: -0.003 min
Response: 4722919
Conc: 27.53 ug/ml



#12 Fluoranthene (C21.85)

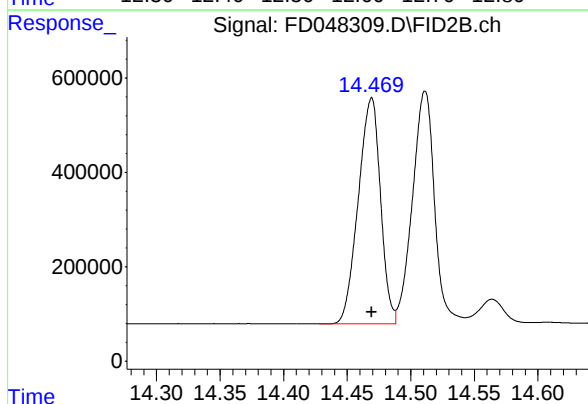
R.T.: 12.307 min
Delta R.T.: -0.001 min
Response: 7074671
Conc: 43.64 ug/ml



#13 Pyrene (C20.8)

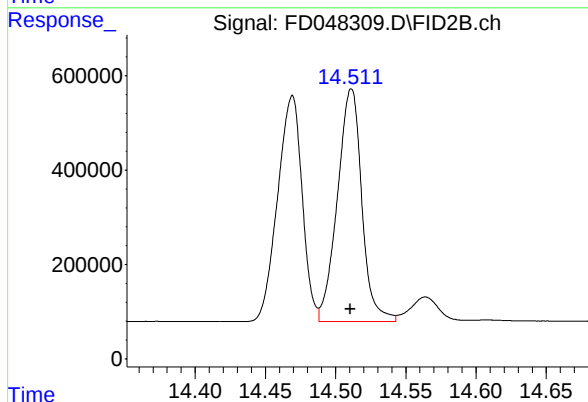
R.T.: 12.601 min
Delta R.T.: 0.000 min
Response: 6853715
Conc: 42.75 ug/ml

Instrument :
FID_D
ClientSampleId :
TP-3AMSD



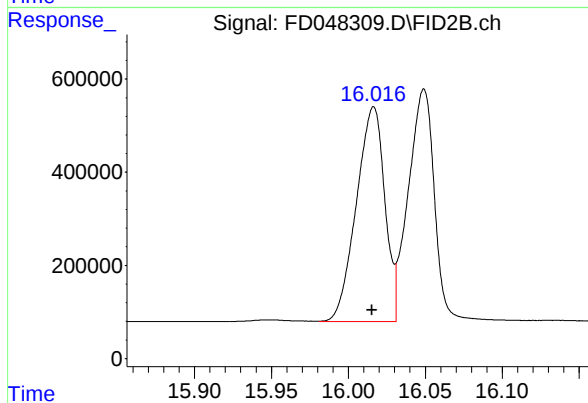
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.469 min
Delta R.T.: 0.000 min
Response: 5820887
Conc: 41.55 ug/ml



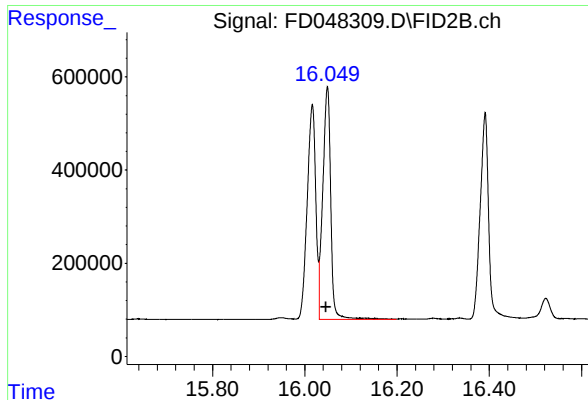
#15 Chrysene (C27.41)

R.T.: 14.511 min
Delta R.T.: 0.000 min
Response: 5968754
Conc: 36.24 ug/ml



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

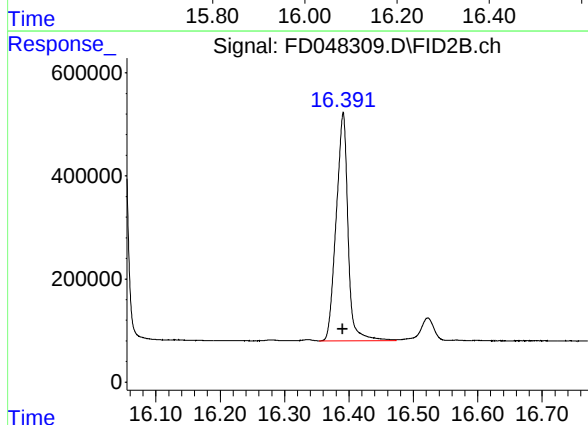
R.T.: 16.016 min
Delta R.T.: 0.000 min
Response: 5947338
Conc: 40.03 ug/ml



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

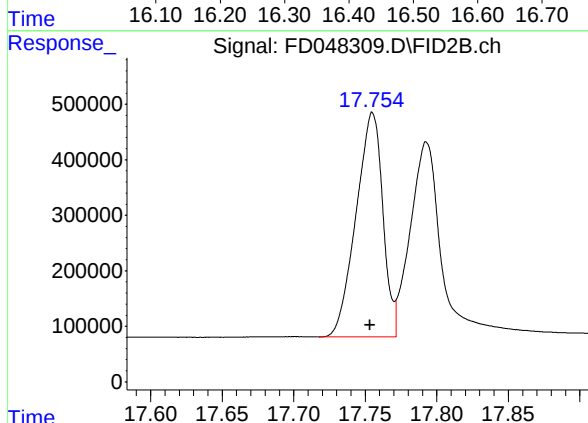
R.T.: 16.049 min
Delta R.T.: 0.003 min
Response: 6009448
Conc: 39.02 ug/ml

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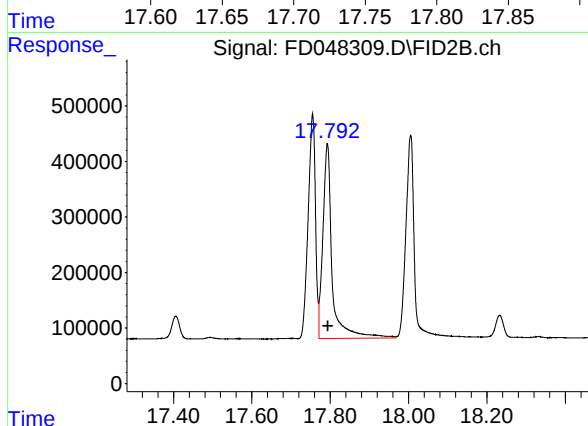
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.391 min
Delta R.T.: 0.000 min
Response: 5647891
Conc: 38.17 ug/ml



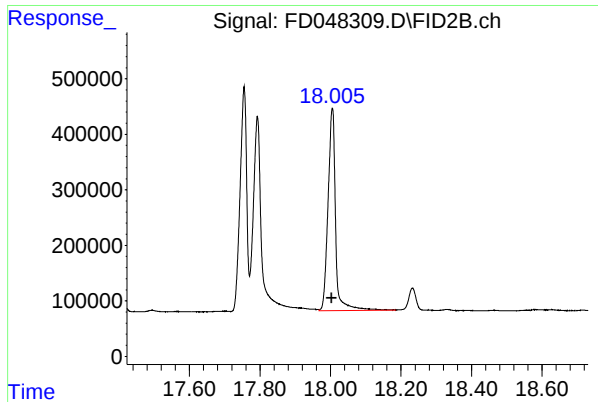
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.755 min
Delta R.T.: 0.001 min
Response: 5261134
Conc: 46.56 ug/ml



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

R.T.: 17.793 min
Delta R.T.: -0.002 min
Response: 5742906
Conc: 37.63 ug/ml



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

R.T.: 18.005 min

Delta R.T.: 0.002 min

Response: 5384213

Conc: 36.53 ug/ml

Instrument :

FID_D

ClientSampleId :

TP-3AMSD