

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111124AR\
 Data File : FD048702.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2024 17:47
 Operator : YP/AJ
 Sample : P4791-02
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 11 20:47:16 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.372	11447351	75.421 ug/ml
Spiked Amount 50.000		Recovery =	150.84%
6) S 2-Fluorobiphenyl (SURR)	8.224	7311934	74.466 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	148.93%#
11) S ortho-Terphenyl (SURR)	11.260	10013912	58.788 ug/ml
Spiked Amount 50.000		Recovery =	117.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.190	287115	1.650 ug/ml
2) T Naphthalene (C11.7)	5.711	1058568	5.933 ug/ml
3) T 2-Methylnaphthalene (...)	6.763	9399956	52.553 ug/ml
5) T Acenaphthylene (C15.06)	8.028	4348140	24.763 ug/ml
7) T Acenaphthene (C15.5)	8.314	2089338	11.780 ug/ml
8) T Fluorene (C16.55)	9.092	1556042	9.205 ug/ml
9) T Phenanthrene (C19.36)	10.485	2594895	15.698 ug/ml
10) T Anthracene (C19.43)	10.581	4571109	28.585 ug/ml
12) T Fluoranthene (C21.85)	12.294	799552	4.858 ug/ml
13) T Pyrene (C20.8)	12.586	1162133	7.215 ug/ml
14) T Benzo[a]anthracene (C...	14.451	883985	6.046 ug/ml
15) T Chrysene (C27.41)	14.499	5362712	32.602 ug/ml
16) T benzo[b]fluoranthene ...	15.996	170960	1.125 ug/ml
17) T Bnezo[k]fluoranthene ...	15.996	170960	1.137 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.366	196451	1.305 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.717	5084687	38.970 ug/ml
20) T Dibenz[a,h]anthracene...	17.775	6314621	38.803 ug/ml
21) T Benzo[g,h,i]perylene ...	17.953	64701014	422.628 ug/ml

(f)=RT Delta > 1/2 Window

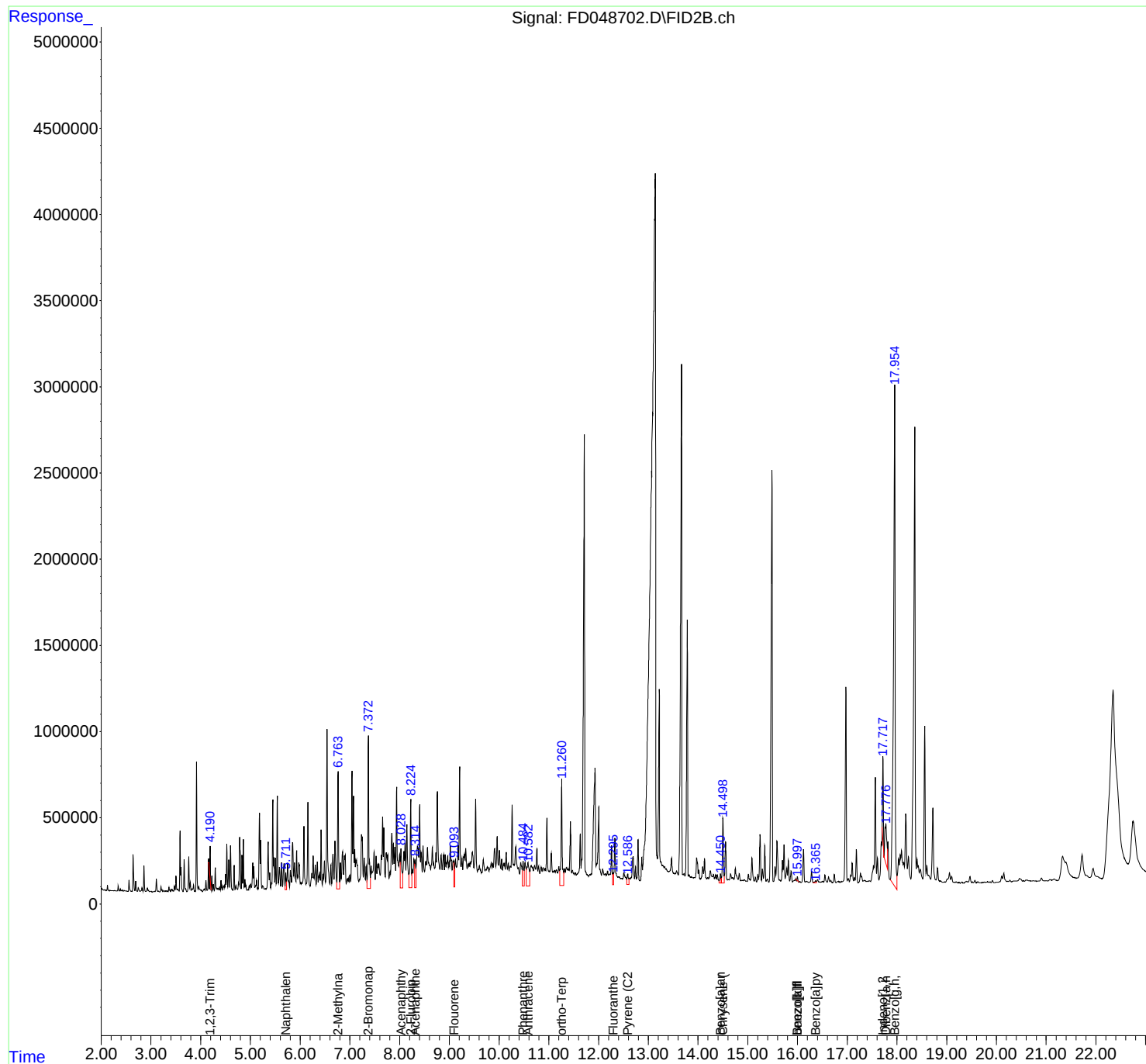
(m)=manual int.

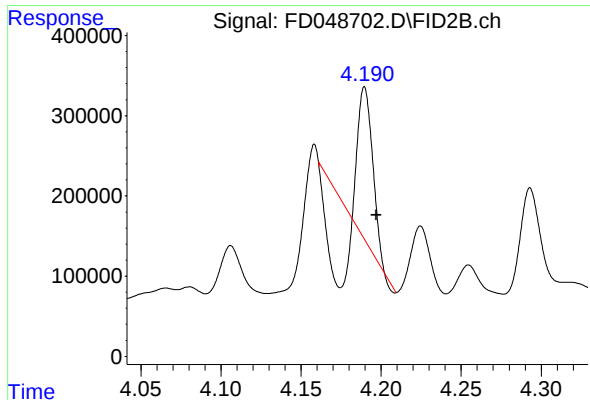
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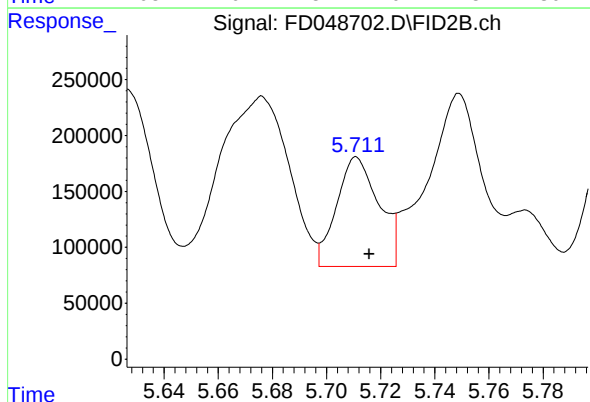




#1 1,2,3-Trimethylbenzene (C10.1)

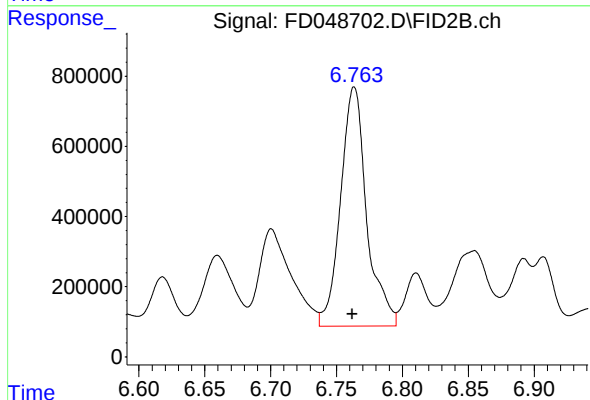
R.T.: 4.190 min
Delta R.T.: -0.007 min
Response: 287115
Conc: 1.65 ug/ml

Instrument :
FID_D
ClientSampleId :



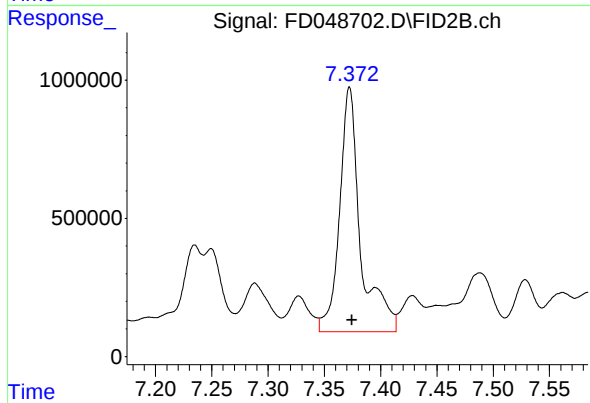
#2 Naphthalene (C11.7)

R.T.: 5.711 min
Delta R.T.: -0.004 min
Response: 1058568
Conc: 5.93 ug/ml



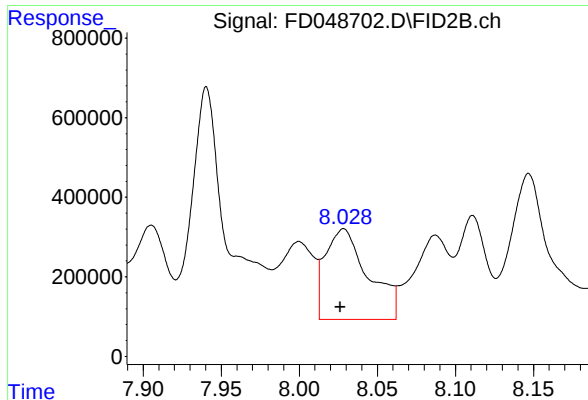
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.763 min
Delta R.T.: 0.001 min
Response: 9399956
Conc: 52.55 ug/ml



#4 2-Bromonaphthalene (SURR)

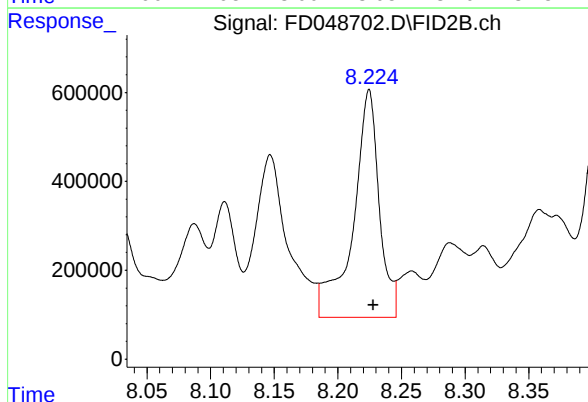
R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 11447351
Conc: 75.42 ug/ml



#5 Acenaphthylene (C15.06)

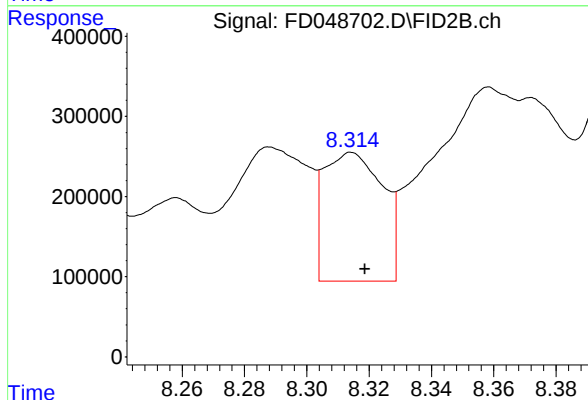
R.T.: 8.028 min
Delta R.T.: 0.002 min
Response: 4348140
Conc: 24.76 ug/ml

Instrument :
FID_D
ClientSampleId :



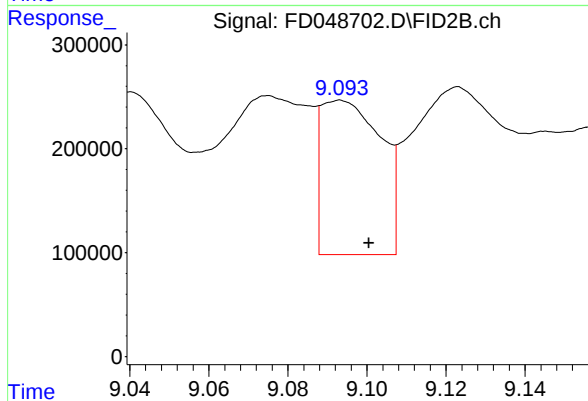
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.224 min
Delta R.T.: -0.004 min
Response: 7311934
Conc: 74.47 ug/ml



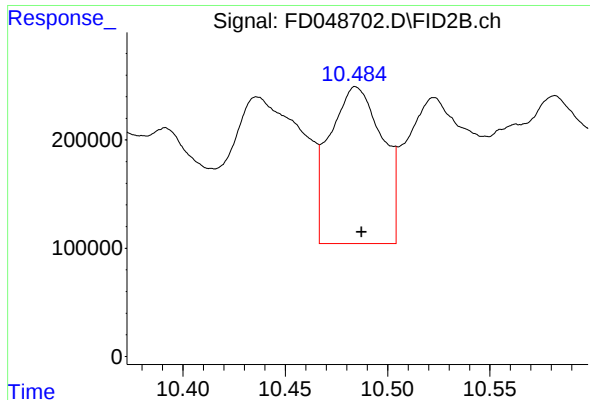
#7 Acenaphthene (C15.5)

R.T.: 8.314 min
Delta R.T.: -0.005 min
Response: 2089338
Conc: 11.78 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.092 min
Delta R.T.: -0.009 min
Response: 1556042
Conc: 9.21 ug/ml



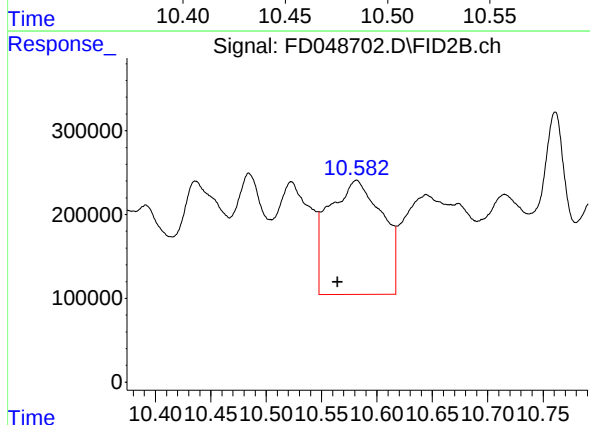
#9 Phenanthrene (C19.36)

R.T.: 10.485 min
Delta R.T.: -0.003 min
Response: 2594895
Conc: 15.70 ug/ml

Instrument :

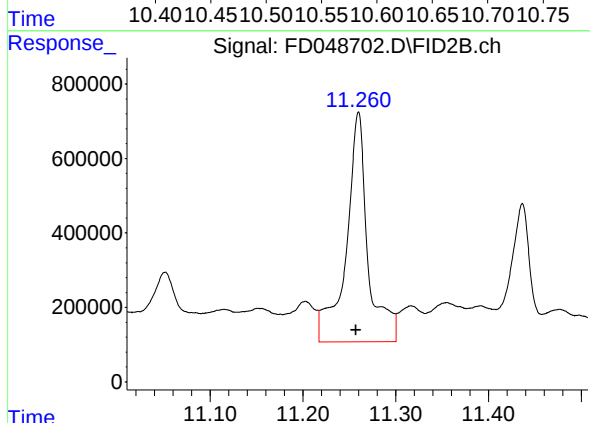
FID_D

ClientSampleId :



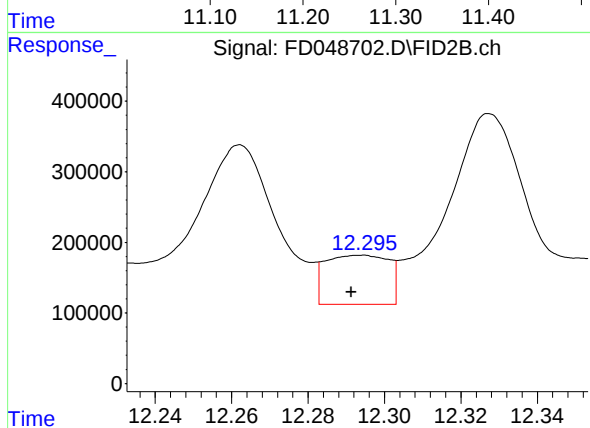
#10 Anthracene (C19.43)

R.T.: 10.581 min
Delta R.T.: 0.017 min
Response: 4571109
Conc: 28.59 ug/ml



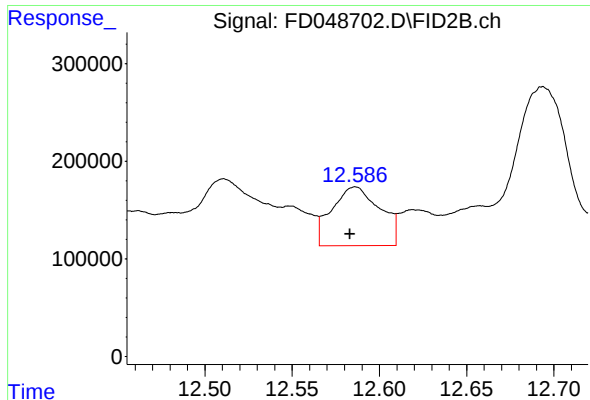
#11 ortho-Terphenyl (SURR)

R.T.: 11.260 min
Delta R.T.: 0.003 min
Response: 10013912
Conc: 58.79 ug/ml



#12 Fluoranthene (C21.85)

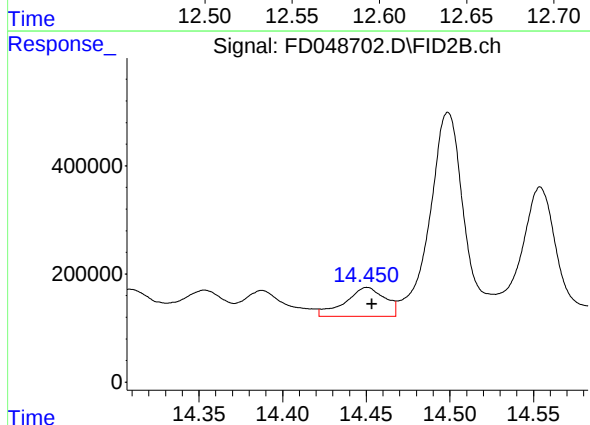
R.T.: 12.294 min
Delta R.T.: 0.002 min
Response: 799552
Conc: 4.86 ug/ml



#13 Pyrene (C20.8)

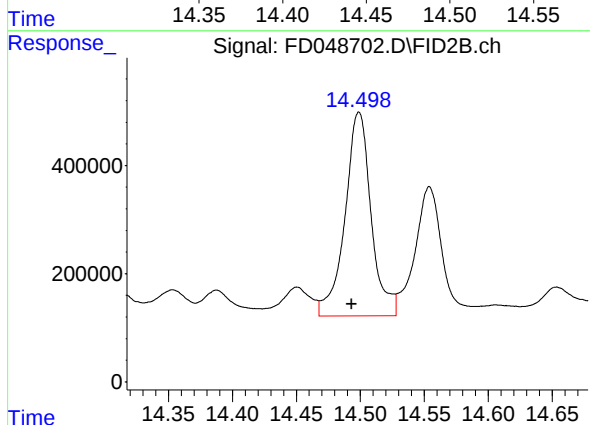
R.T.: 12.586 min
Delta R.T.: 0.003 min
Response: 1162133
Conc: 7.21 ug/ml

Instrument :
FID_D
ClientSampleId :



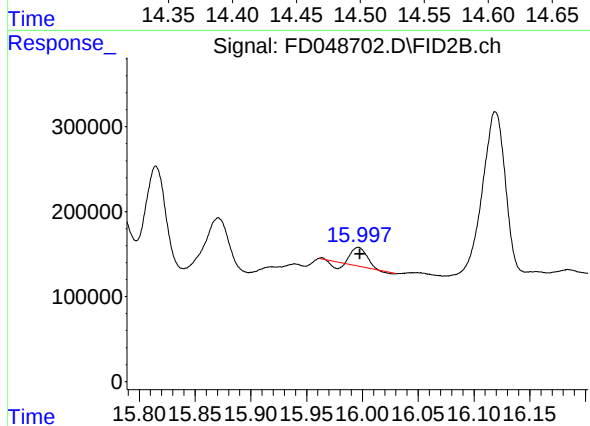
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.451 min
Delta R.T.: -0.003 min
Response: 883985
Conc: 6.05 ug/ml



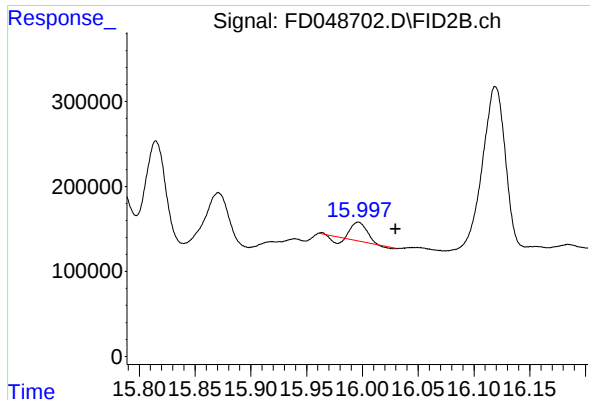
#15 Chrysene (C27.41)

R.T.: 14.499 min
Delta R.T.: 0.006 min
Response: 5362712
Conc: 32.60 ug/ml



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

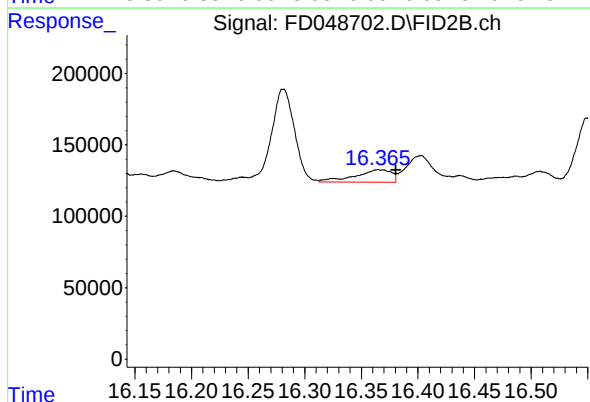
R.T.: 15.996 min
Delta R.T.: -0.002 min
Response: 170960
Conc: 1.12 ug/ml



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

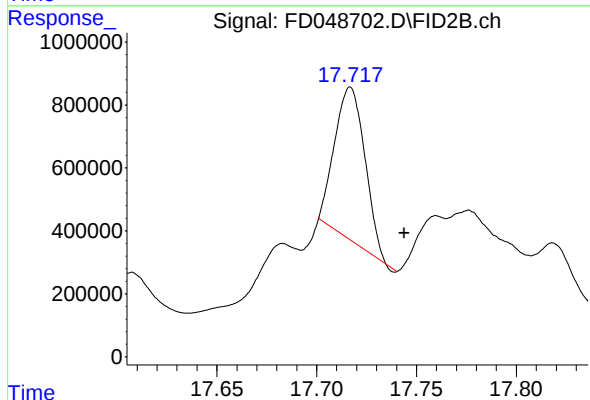
R.T.: 15.996 min
Delta R.T.: -0.033 min
Response: 170960
Conc: 1.14 ug/ml

Instrument :
FID_D
ClientSampleId :



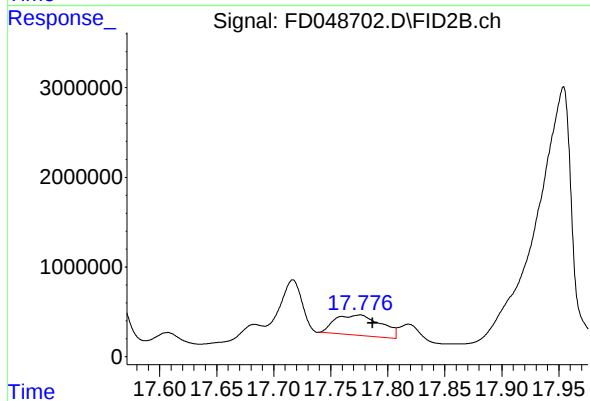
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.366 min
Delta R.T.: -0.015 min
Response: 196451
Conc: 1.31 ug/ml



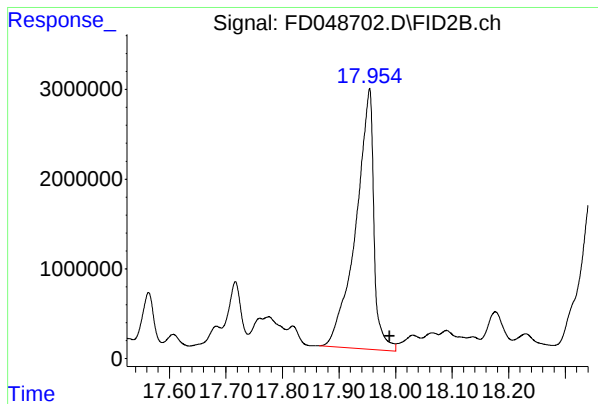
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.717 min
Delta R.T.: -0.027 min
Response: 5084687
Conc: 38.97 ug/ml



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

R.T.: 17.775 min
Delta R.T.: -0.012 min
Response: 6314621
Conc: 38.80 ug/ml



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

R.T.: 17.953 min
Delta R.T.: -0.037 min
Response: 64701014
Conc: 422.63 ug/ml

Instrument :
FID_D
ClientSampleId :