

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111524AR\
 Data File : FF015045.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 18:30
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD3

Integration File: autoint1.e
 Quant Time: Nov 15 01:54:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 15 01:54:20 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...	7.990	2417165	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.864	1615201	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.925	2638586	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	2686457	20.000 ug/ml
2) T Naphthalene (C11.7)	6.272	2744877	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.365	2670985	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.665	2695701	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.964	2637860	20.000 ug/ml
8) T Fluorene (C16.55)	9.752	2628156	20.000 ug/ml
9) T Phenanthrene (C19.36)	11.157	2525902	20.000 ug/ml
10) T Anthracene (C19.43)	11.232	2482553	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.976	2460902	20.000 ug/ml
13) T Pyrene (C20.8)	13.275	2438991	20.000 ug/ml
14) T Benzo[a]anthracene (C...	15.152	2341059	20.000 ug/ml
15) T Chrysene (C27.41)	15.195	2350968	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.709	2382838	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.742	2380446	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.089	2318007	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.460	2346148	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.500	2496360	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.717	2570441	20.000 ug/ml

(f)=RT Delta > 1/2 Window

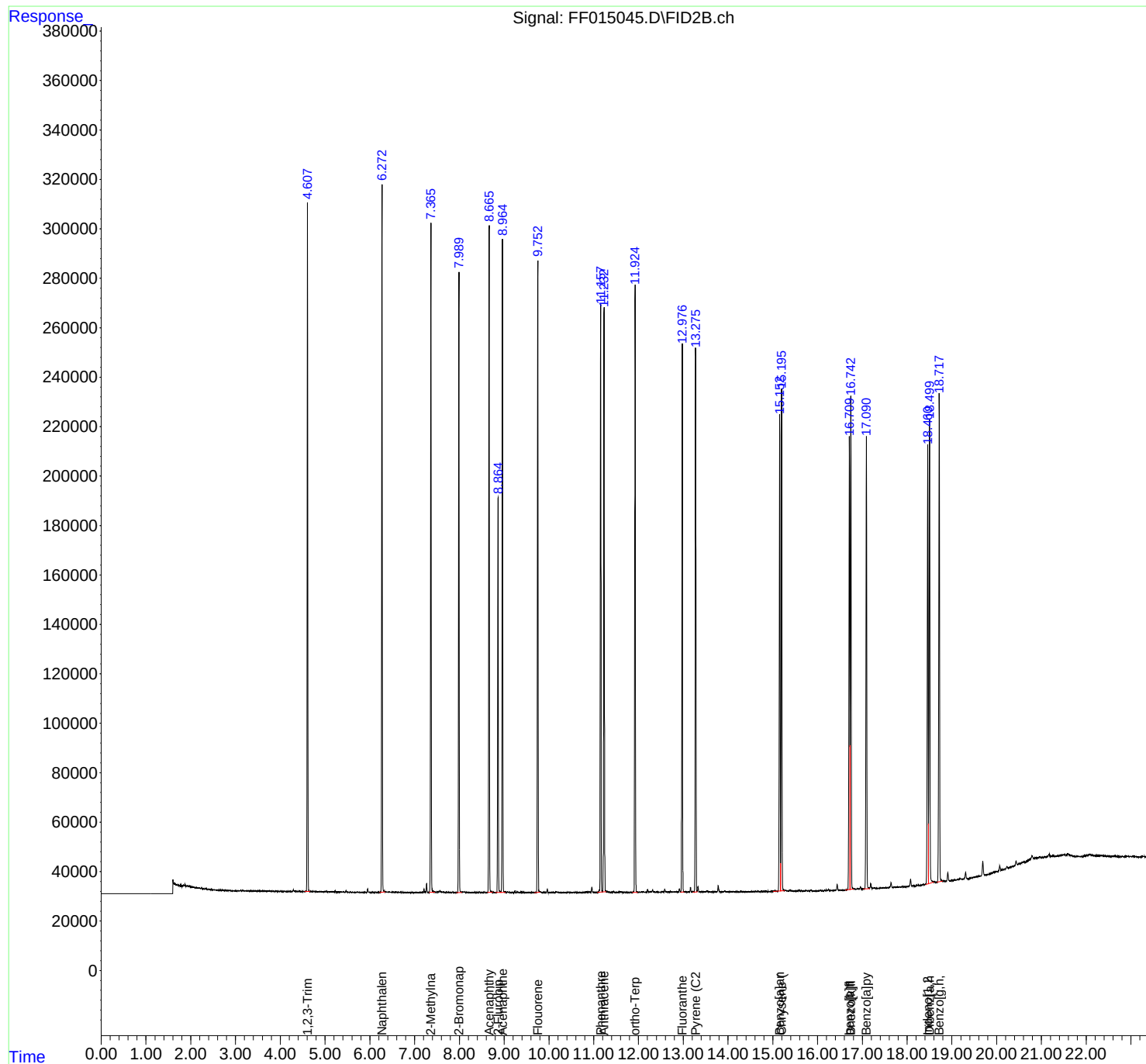
(m)=manual int.

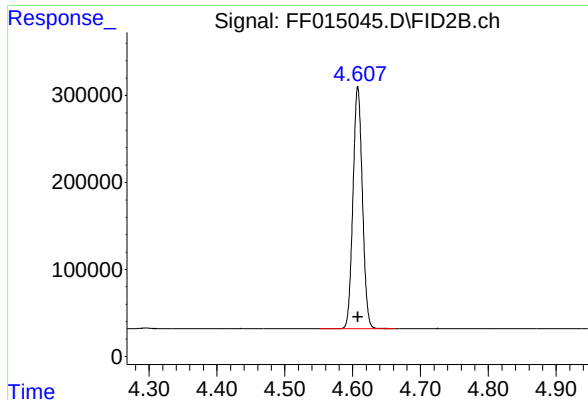
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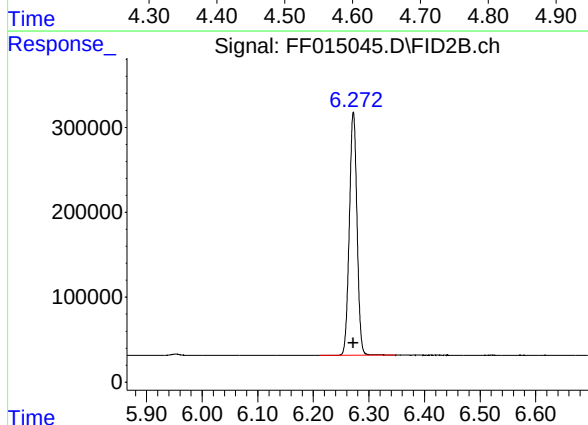




#1 1,2,3-Trimethylbenzene (C10.1)

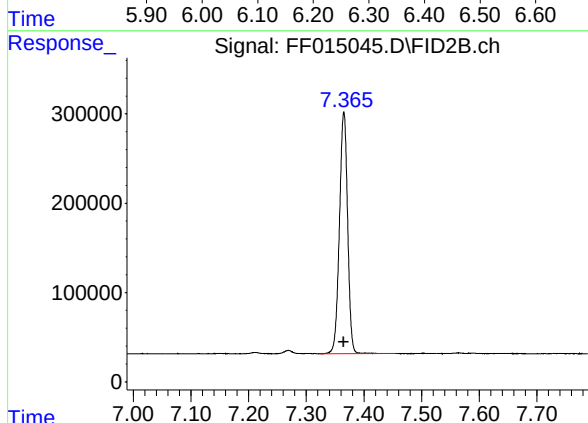
R.T.: 4.608 min
Delta R.T.: 0.000 min
Response: 2686457
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



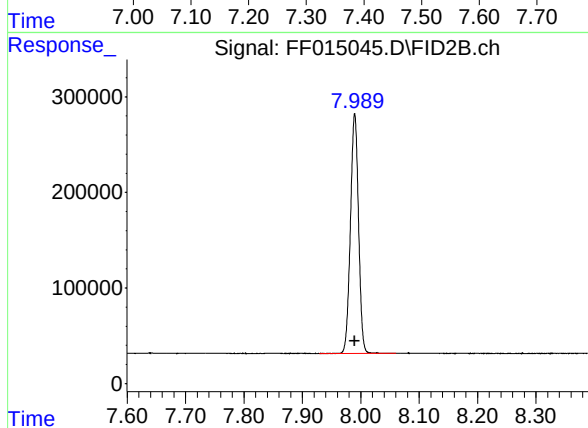
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 2744877
Conc: 20.00 ug/ml



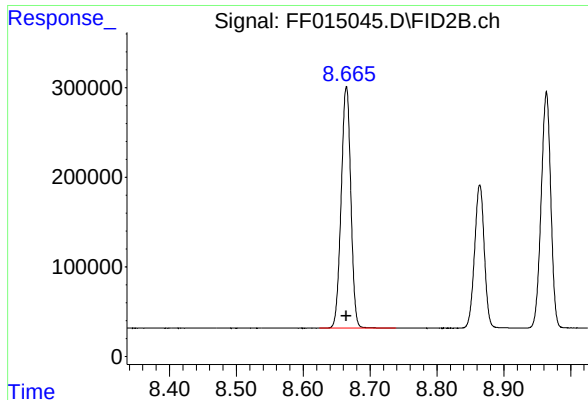
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 2670985
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

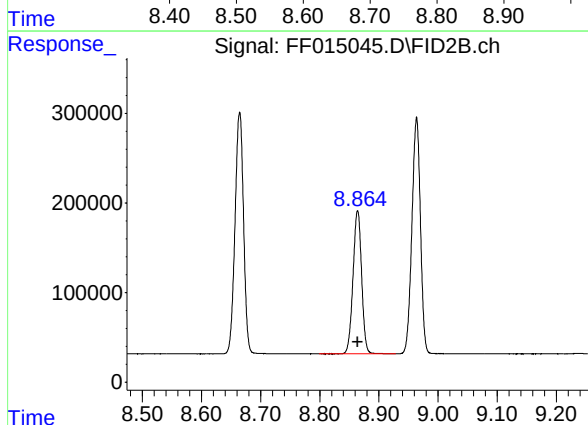
R.T.: 7.990 min
Delta R.T.: 0.000 min
Response: 2417165
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

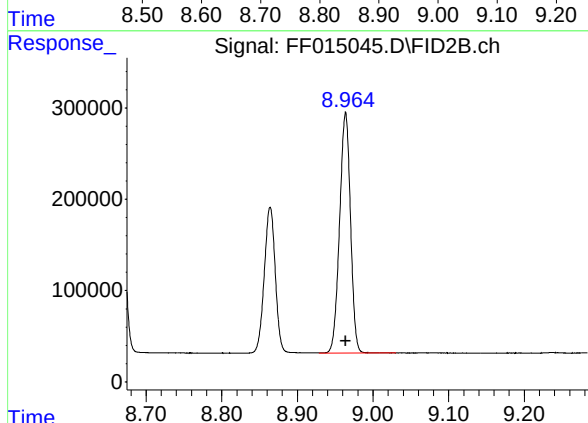
R.T.: 8.665 min
Delta R.T.: 0.000 min
Response: 2695701
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



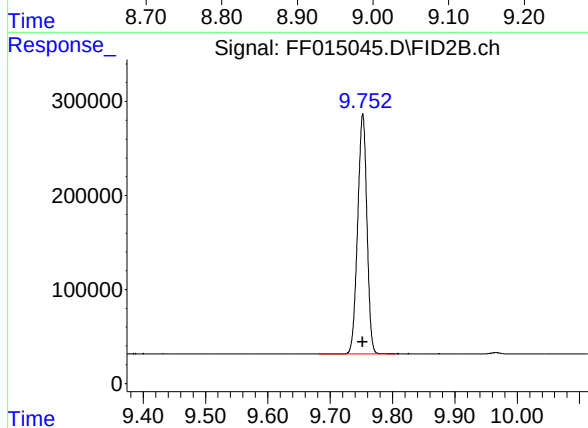
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.864 min
Delta R.T.: 0.000 min
Response: 1615201
Conc: 20.00 ug/ml



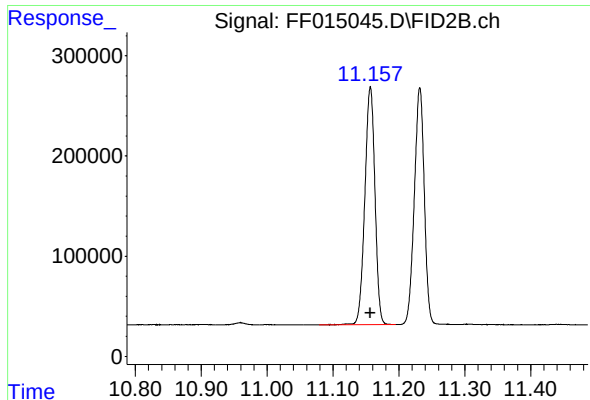
#7 Acenaphthene (C15.5)

R.T.: 8.964 min
Delta R.T.: 0.000 min
Response: 2637860
Conc: 20.00 ug/ml



#8 Flouorene (C16.55)

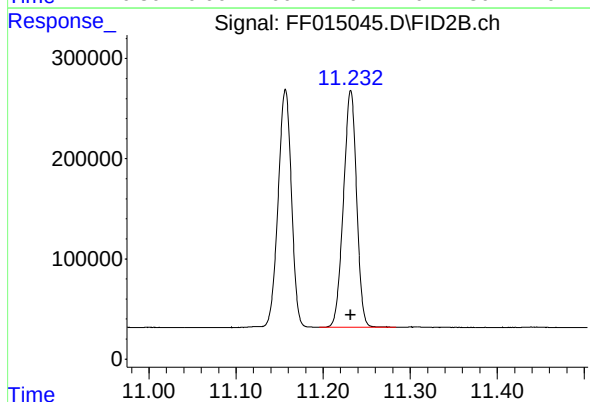
R.T.: 9.752 min
Delta R.T.: 0.000 min
Response: 2628156
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

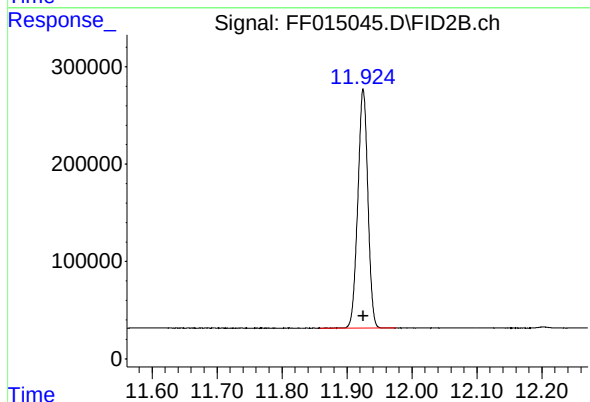
R.T.: 11.157 min
Delta R.T.: 0.000 min
Response: 2525902
Conc: 20.00 ug/ml

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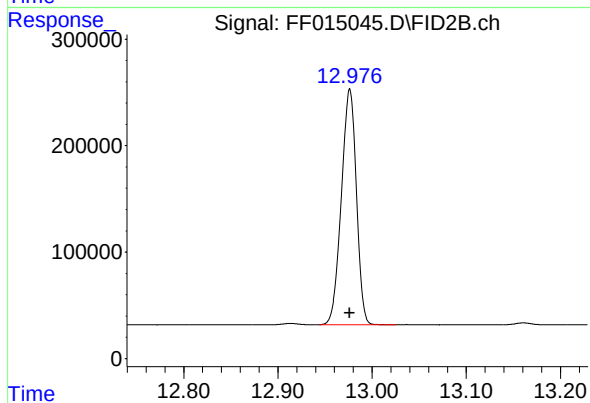
#10 Anthracene (C19.43)

R.T.: 11.232 min
Delta R.T.: 0.000 min
Response: 2482553
Conc: 20.00 ug/ml



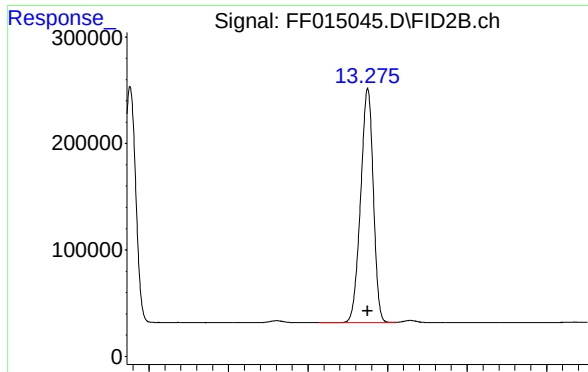
#11 ortho-Terphenyl (SURR)

R.T.: 11.925 min
Delta R.T.: 0.000 min
Response: 2638586
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

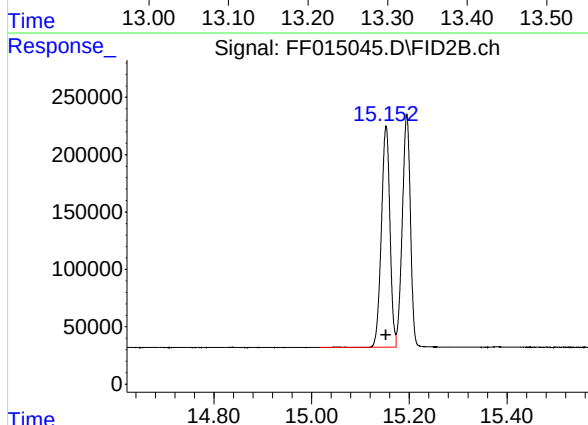
R.T.: 12.976 min
Delta R.T.: 0.000 min
Response: 2460902
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

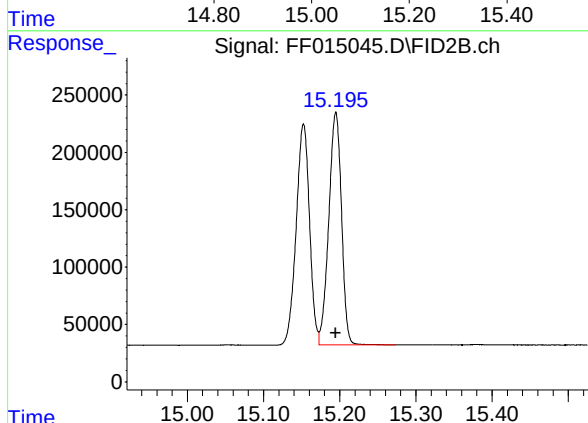
R.T.: 13.275 min
Delta R.T.: 0.000 min
Response: 2438991
Conc: 20.00 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD3



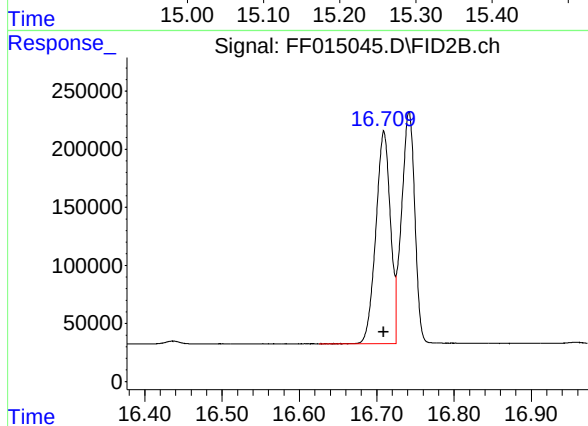
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.152 min
Delta R.T.: 0.000 min
Response: 2341059
Conc: 20.00 ug/ml



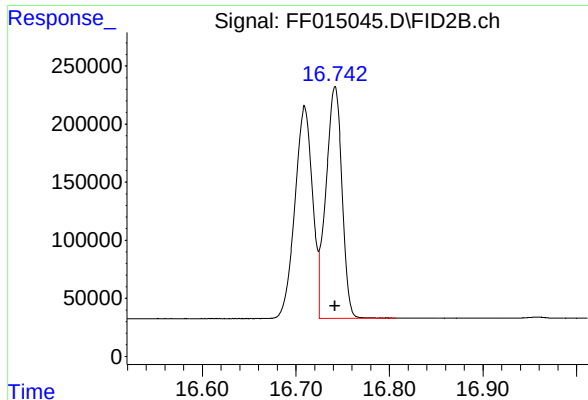
#15 Chrysene (C27.41)

R.T.: 15.195 min
Delta R.T.: 0.000 min
Response: 2350968
Conc: 20.00 ug/ml



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

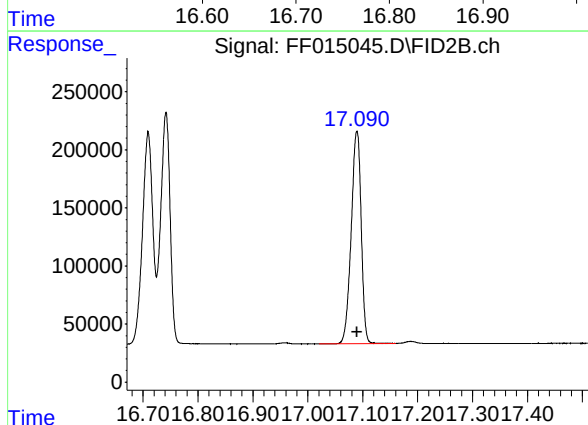
R.T.: 16.709 min
Delta R.T.: 0.000 min
Response: 2382838
Conc: 20.00 ug/ml



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

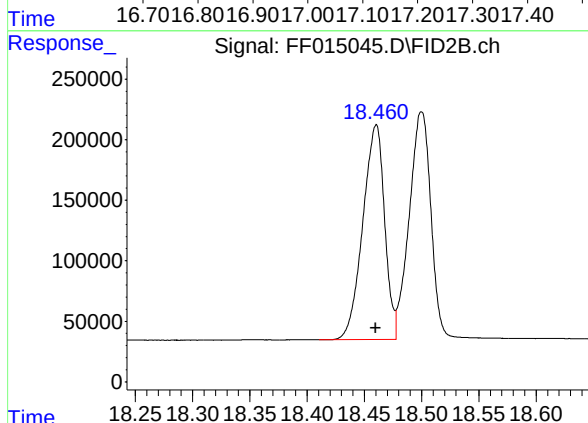
R.T.: 16.742 min
Delta R.T.: 0.000 min
Response: 2380446
Conc: 20.00 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD3



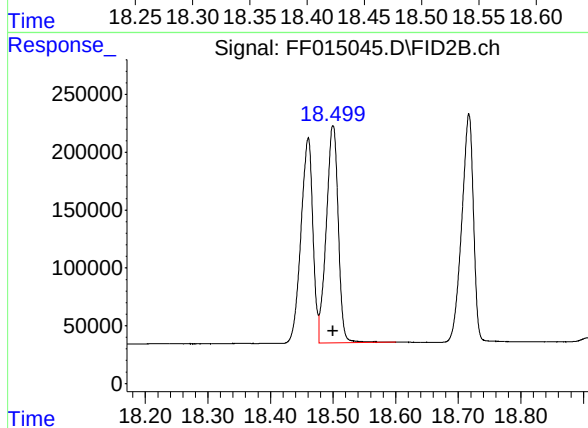
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.089 min
Delta R.T.: 0.000 min
Response: 2318007
Conc: 20.00 ug/ml



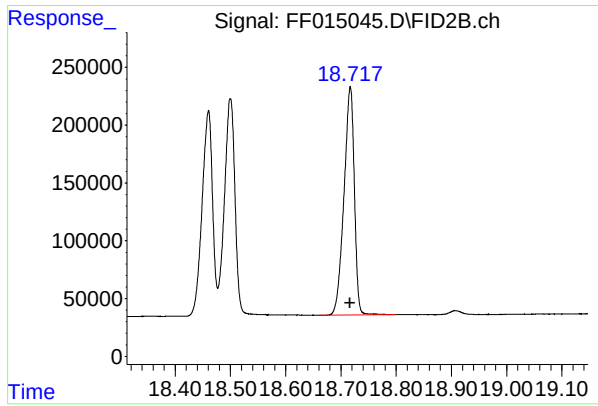
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.460 min
Delta R.T.: 0.000 min
Response: 2346148
Conc: 20.00 ug/ml



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

R.T.: 18.500 min
Delta R.T.: 0.000 min
Response: 2496360
Conc: 20.00 ug/ml



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

R.T.: 18.717 min

Delta R.T.: 0.000 min

Response: 2570441

Conc: 20.00 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD3