

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
 Data File : FD049300.D
 Signal(s) : FID2B.ch
 Acq On : 01 May 2025 11:42
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD3
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 01 12:25:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 01 12:24:43 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...	7.739	2478491	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
6) S 2-Fluorobiphenyl (SURR)	8.605	1662253	20.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.00%
11) S ortho-Terphenyl (SURR)	11.649	2905771	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.531	2591453	20.000 ug/ml
2) T Naphthalene (C11.7)	6.075	2761370	20.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.129	2699417	20.000 ug/ml
5) T Acenaphthylene (C15.06)	8.408	2952731	20.000 ug/ml
7) T Acenaphthene (C15.5)	8.704	2866641	20.000 ug/ml
8) T Flouorene (C16.55)	9.484	2865462	20.000 ug/ml
9) T Phenanthrene (C19.36)	10.883	2841016	20.000 ug/ml
10) T Anthracene (C19.43)	10.957	2512883	20.000 ug/ml
12) T Fluoranthene (C21.85)	12.696	2856915	20.000 ug/ml
13) T Pyrene (C20.8)	12.994	2858938	20.000 ug/ml
14) T Benzo[a]anthracene (C...	14.865	2392302	20.000 ug/ml
15) T Chrysene (C27.41)	14.908	2431306	20.000 ug/ml
16) T benzo[b]fluoranthene ...	16.416	2513672	20.000 ug/ml
17) T Bnezo[k]fluoranthene ...	16.449	2480406	20.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.795	2386233	20.000 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.160	2277626	20.000 ug/ml
20) T Dibenz[a,h]anthracene...	18.199	2240420	20.000 ug/ml
21) T Benzo[g,h,i]perylene ...	18.414	2484677	20.000 ug/ml

(f)=RT Delta > 1/2 Window

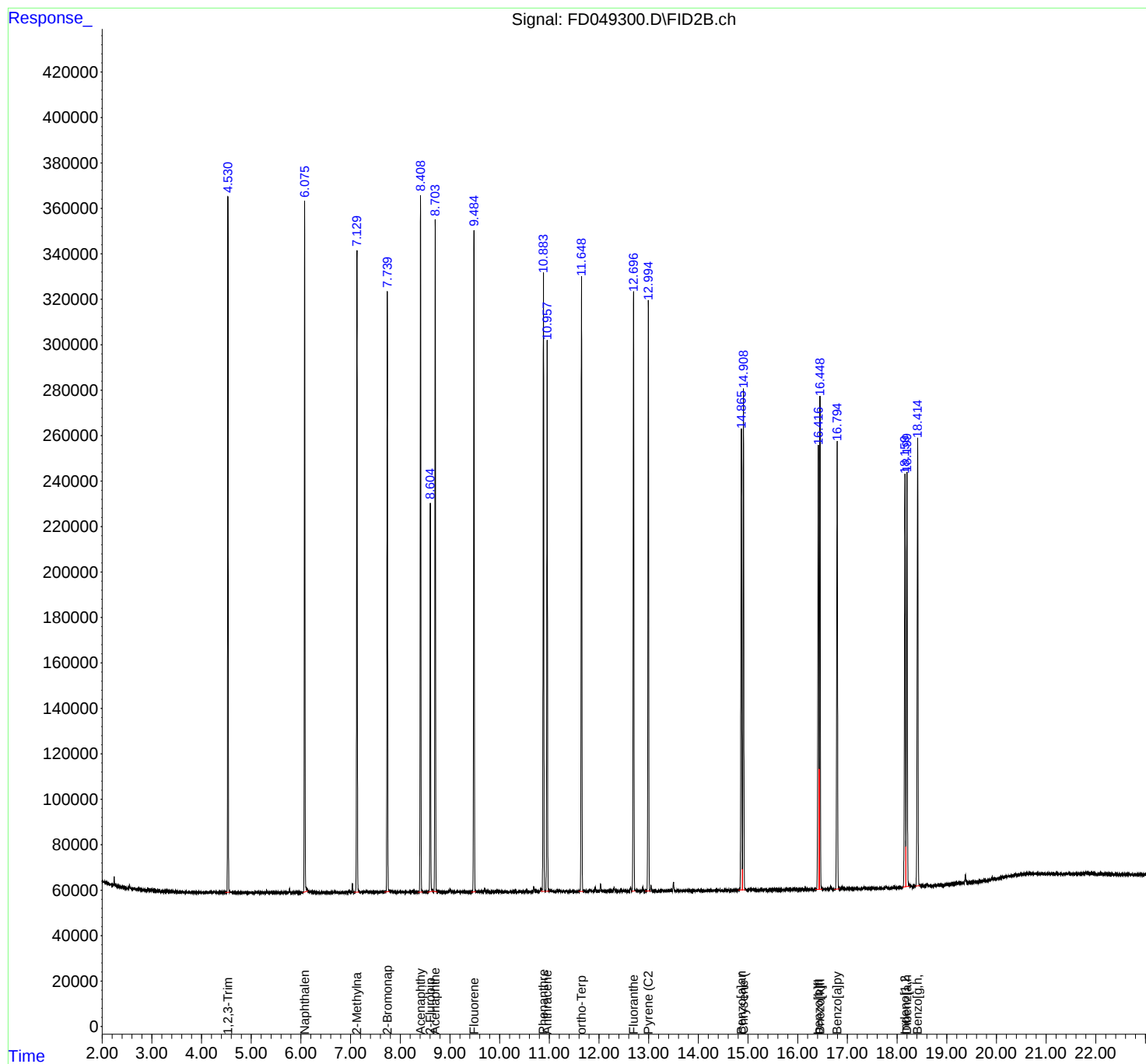
(m)=manual int.

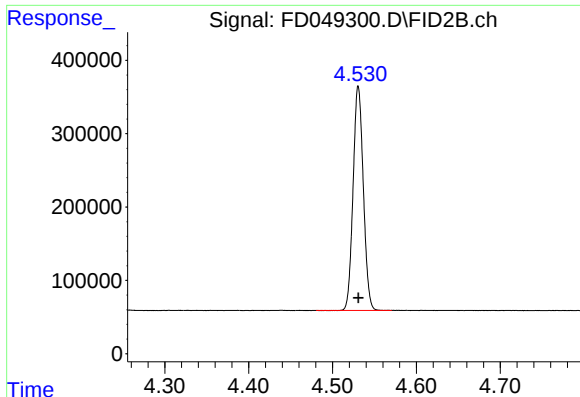
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050125AR\
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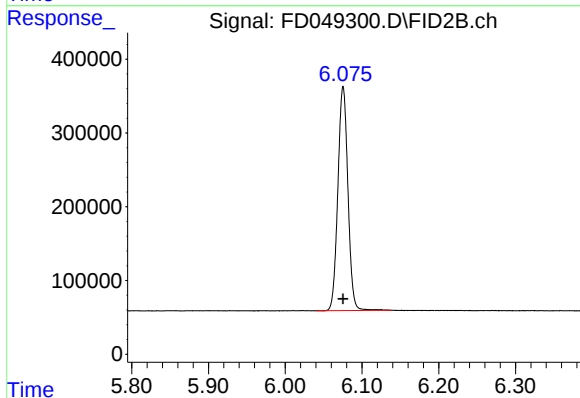




#1 1,2,3-Trimethylbenzene (C10.1)

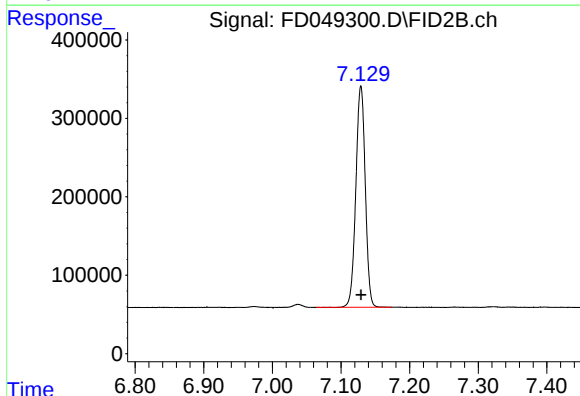
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 2591453
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



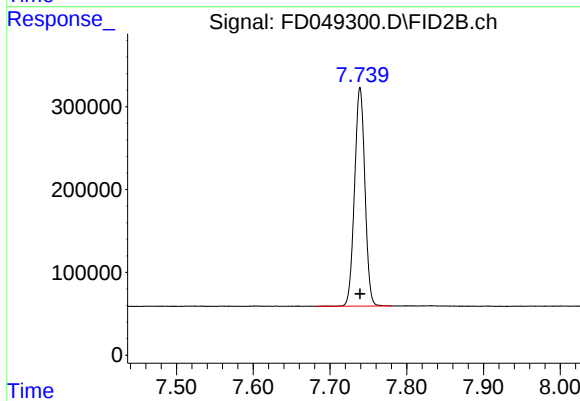
#2 Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 2761370
Conc: 20.00 ug/ml



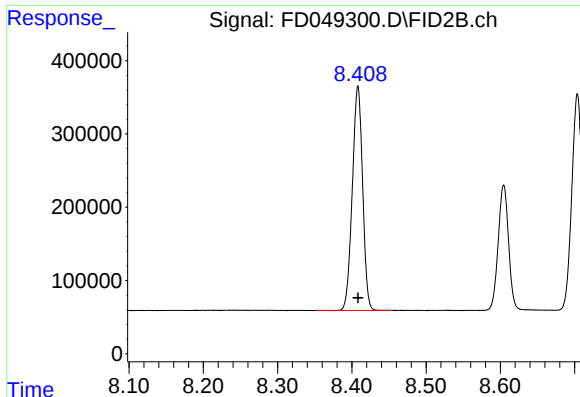
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 2699417
Conc: 20.00 ug/ml



#4 2-Bromonaphthalene (SURR)

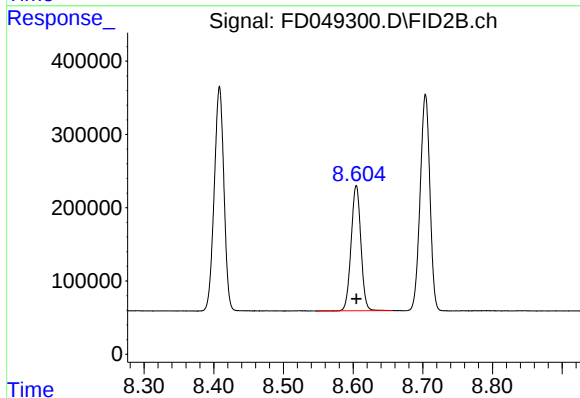
R.T.: 7.739 min
Delta R.T.: 0.000 min
Response: 2478491
Conc: 20.00 ug/ml



#5 Acenaphthylene (C15.06)

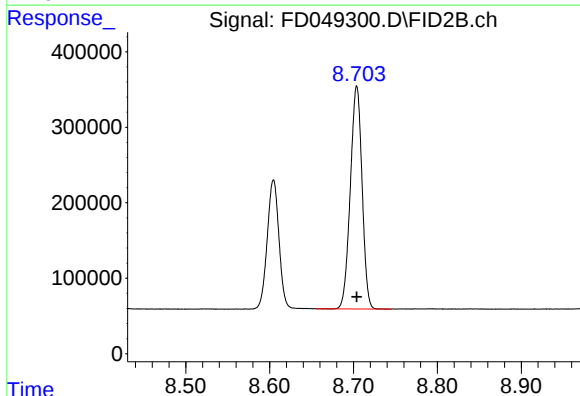
R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 2952731
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



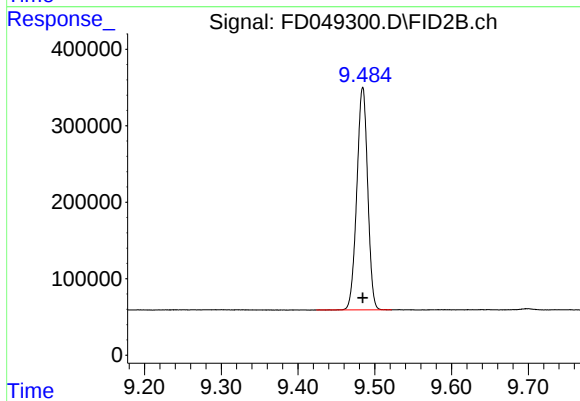
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.605 min
Delta R.T.: 0.000 min
Response: 1662253
Conc: 20.00 ug/ml



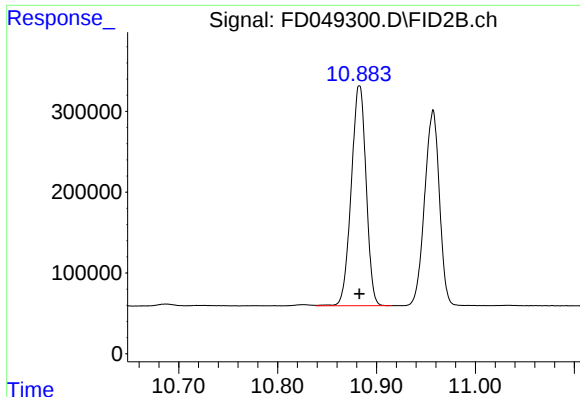
#7 Acenaphthene (C15.5)

R.T.: 8.704 min
Delta R.T.: 0.000 min
Response: 2866641
Conc: 20.00 ug/ml



#8 Fluorene (C16.55)

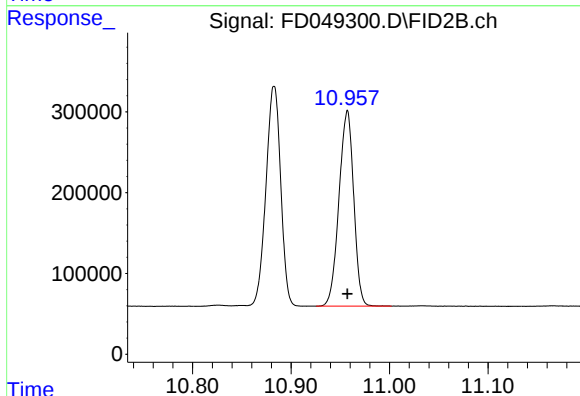
R.T.: 9.484 min
Delta R.T.: 0.000 min
Response: 2865462
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

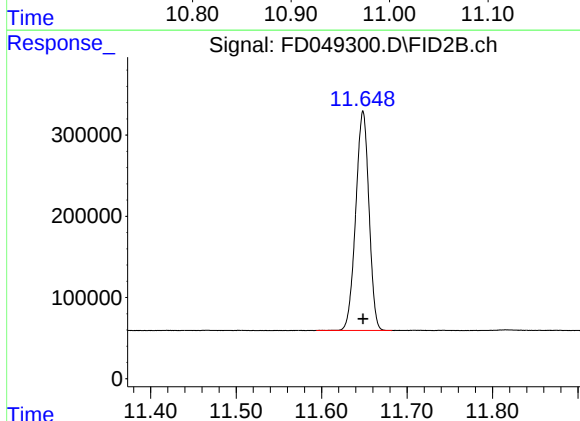
R.T.: 10.883 min
Delta R.T.: 0.000 min
Response: 2841016
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



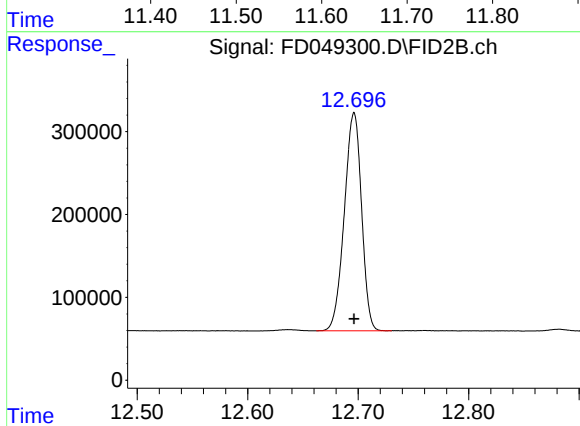
#10 Anthracene (C19.43)

R.T.: 10.957 min
Delta R.T.: 0.000 min
Response: 2512883
Conc: 20.00 ug/ml



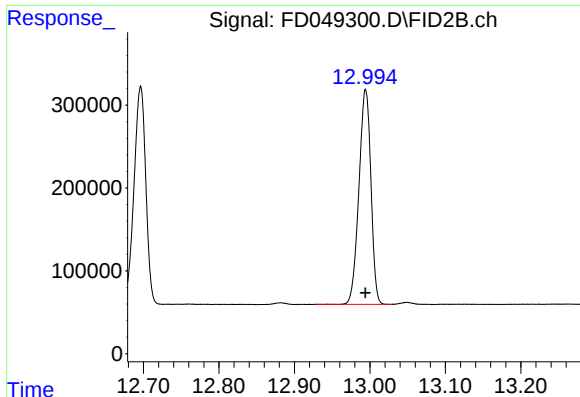
#11 ortho-Terphenyl (SURR)

R.T.: 11.649 min
Delta R.T.: 0.000 min
Response: 2905771
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

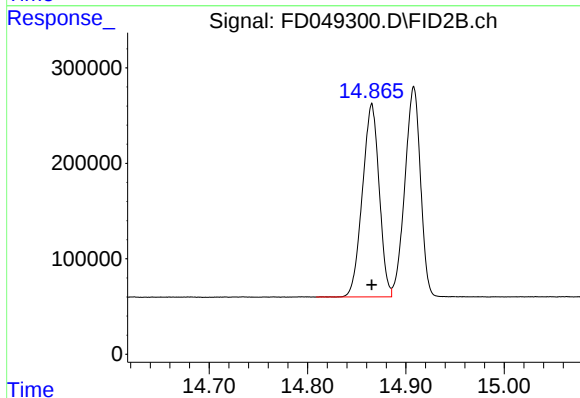
R.T.: 12.696 min
Delta R.T.: 0.000 min
Response: 2856915
Conc: 20.00 ug/ml



#13 Pyrene (C20.8)

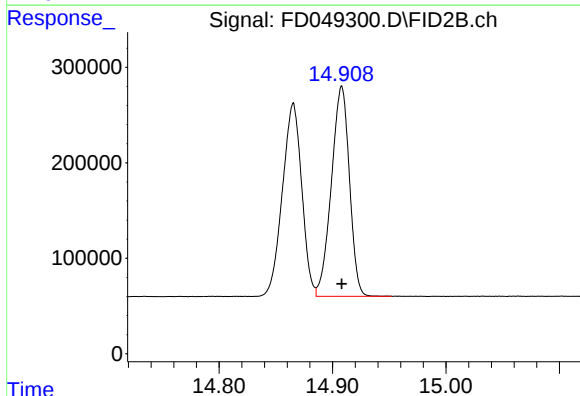
R.T.: 12.994 min
Delta R.T.: 0.000 min
Response: 2858938
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



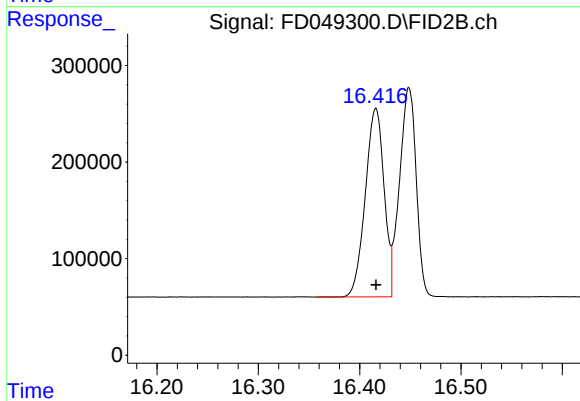
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.865 min
Delta R.T.: 0.000 min
Response: 2392302
Conc: 20.00 ug/ml



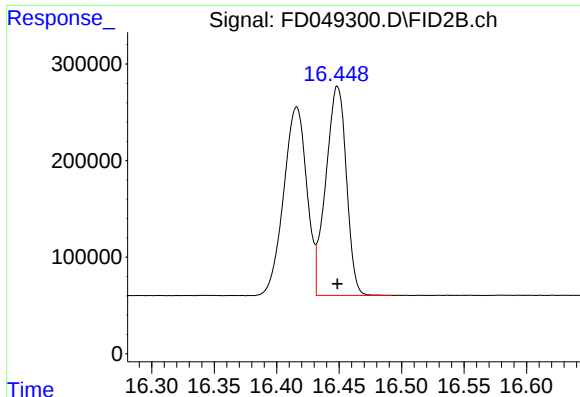
#15 Chrysene (C27.41)

R.T.: 14.908 min
Delta R.T.: 0.000 min
Response: 2431306
Conc: 20.00 ug/ml



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

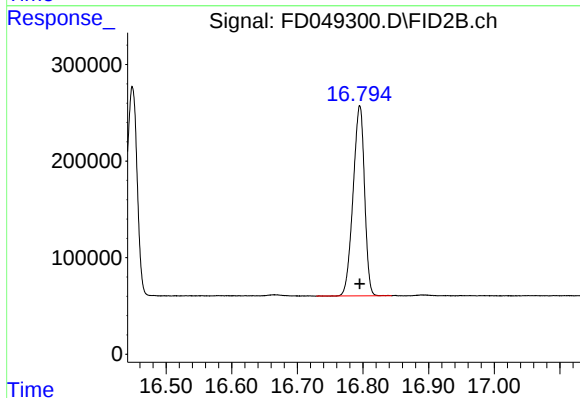
R.T.: 16.416 min
Delta R.T.: 0.000 min
Response: 2513672
Conc: 20.00 ug/ml



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

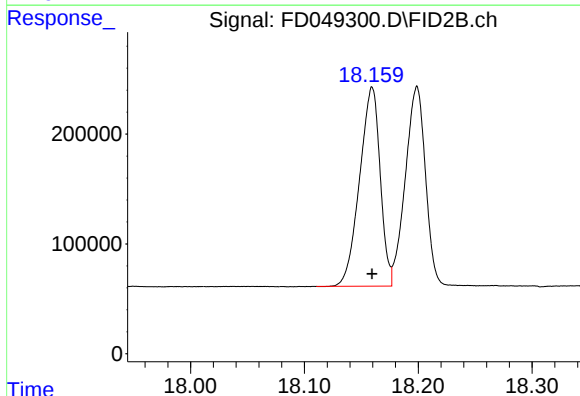
R.T.: 16.449 min
Delta R.T.: 0.000 min
Response: 2480406
Conc: 20.00 ug/ml

Instrument :
FID_D
ClientSampleId :



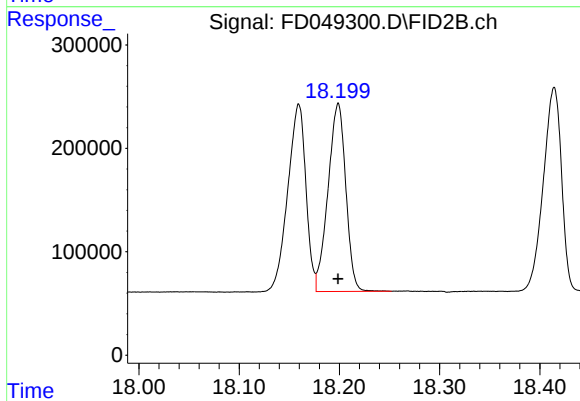
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.795 min
Delta R.T.: 0.000 min
Response: 2386233
Conc: 20.00 ug/ml



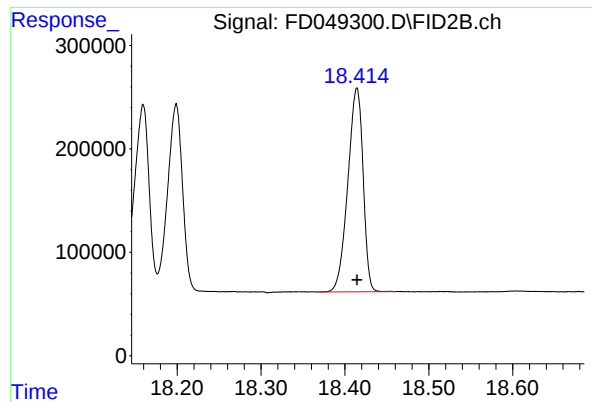
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.160 min
Delta R.T.: 0.000 min
Response: 2277626
Conc: 20.00 ug/ml



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

R.T.: 18.199 min
Delta R.T.: 0.000 min
Response: 2240420
Conc: 20.00 ug/ml



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

R.T.: 18.414 min
Delta R.T.: 0.000 min
Response: 2484677
Conc: 20.00 ug/ml

Instrument :

FID_D

ClientSampleId :