

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040824AR\
 Data File : FD047497.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2024 20:16
 Operator : YP/AJ
 Sample : P2005-04MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SOD01MSD

Integration File: autoint1.e
 Quant Time: Apr 09 01:43:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.460	9012730	60.286 ug/ml
Spiked Amount 50.000		Recovery =	120.57%
6) S 2-Fluorobiphenyl (SURR)	8.313	5513926	56.433 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	112.87%
11) S ortho-Terphenyl (SURR)	11.347	6688049	39.014 ug/ml
Spiked Amount 50.000		Recovery =	78.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	6539571	41.386 ug/ml
2) T Naphthalene (C11.7)	5.799	7914446	48.365 ug/ml
3) T 2-Methylnaphthalene (...)	6.848	8457536	51.419 ug/ml
5) T Acenaphthylene (C15.06)	8.117	8692022	57.586 ug/ml
7) T Acenaphthene (C15.5)	8.413	8754293	54.659 ug/ml
8) T Flouorene (C16.55)	9.191	8968489	57.973 ug/ml
9) T Phenanthrene (C19.36)	10.580	8937373	60.071 ug/ml
10) T Anthracene (C19.43)	10.656	8703046	63.990 ug/ml
12) T Fluoranthene (C21.85)	12.384	8846003	59.839 ug/ml
13) T Pyrene (C20.8)	12.678	8889335	61.594 ug/ml
14) T Benzo[a]anthracene (C...	14.544	8288247	63.022 ug/ml
15) T Chrysene (C27.41)	14.588	8181430	58.020 ug/ml
16) T benzo[b]fluoranthene ...	16.088	8377596	60.049 ug/ml
17) T Bnezo[k]fluoranthene ...	16.125	8150782	58.601 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.465	8007881	58.323 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.829	8802511	65.257 ug/ml
20) T Dibenz[a,h]anthracene...	17.867	7939265	59.073 ug/ml
21) T Benzo[g,h,i]perylene ...	18.083	7853853	56.588 ug/ml

(f)=RT Delta > 1/2 Window

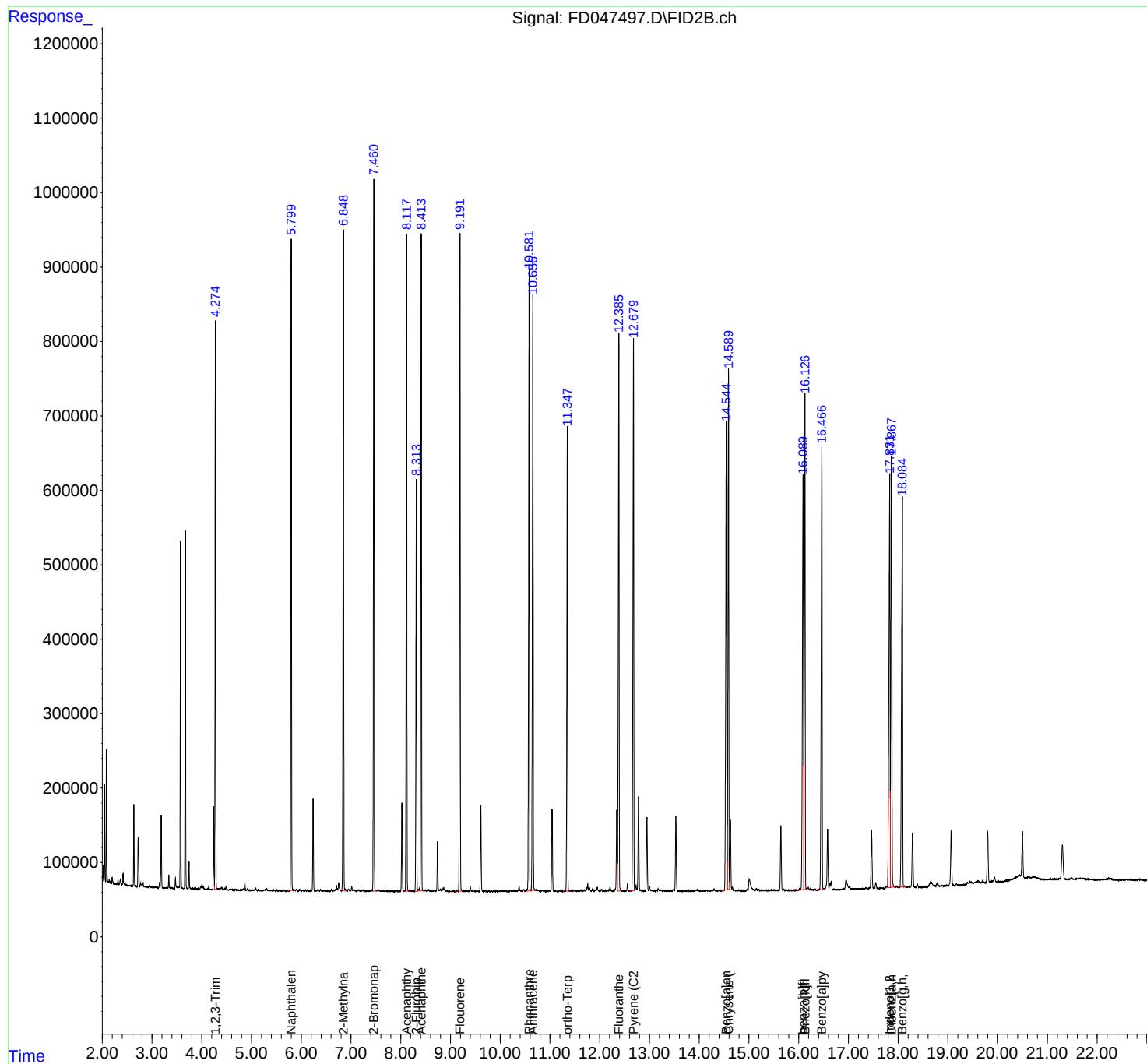
(m)=manual int.

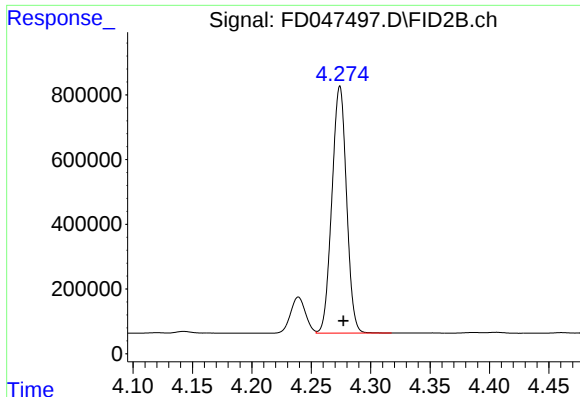
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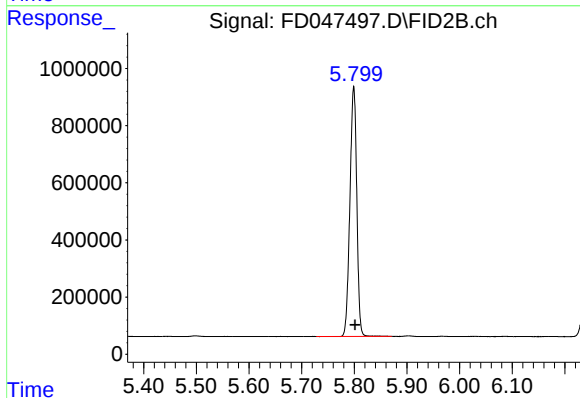




#1 1,2,3-Trimethylbenzene (C10.1)

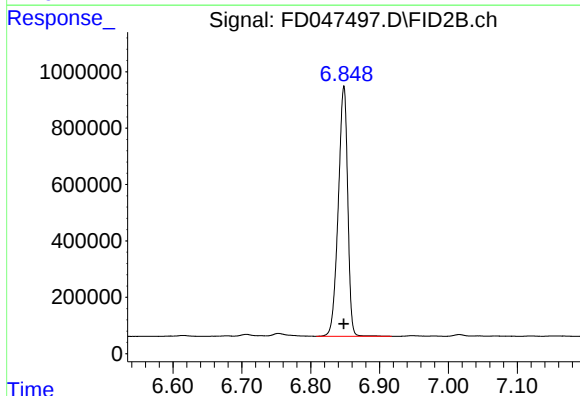
R.T.: 4.274 min
Delta R.T.: -0.003 min
Response: 6539571
Conc: 41.39 ug/ml

Instrument :
FID_D
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SOD01MSD



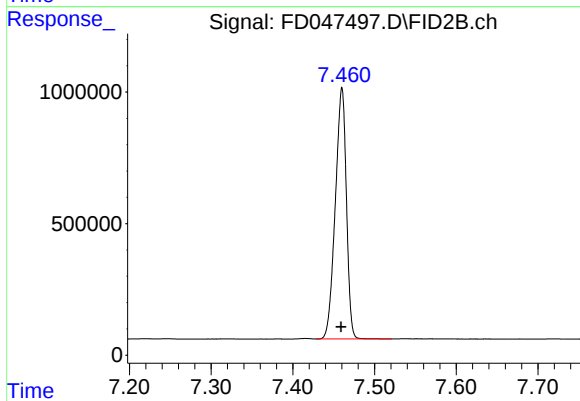
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: -0.003 min
Response: 7914446
Conc: 48.36 ug/ml



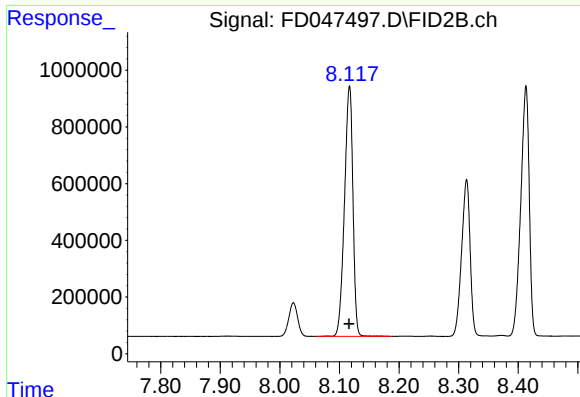
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 8457536
Conc: 51.42 ug/ml



#4 2-Bromonaphthalene (SURR)

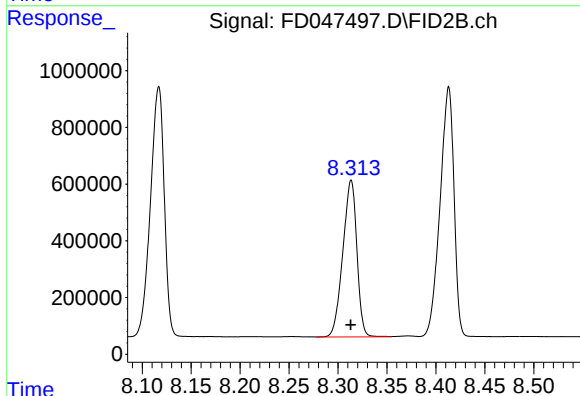
R.T.: 7.460 min
Delta R.T.: 0.000 min
Response: 9012730
Conc: 60.29 ug/ml



#5 Acenaphthylene (C15.06)

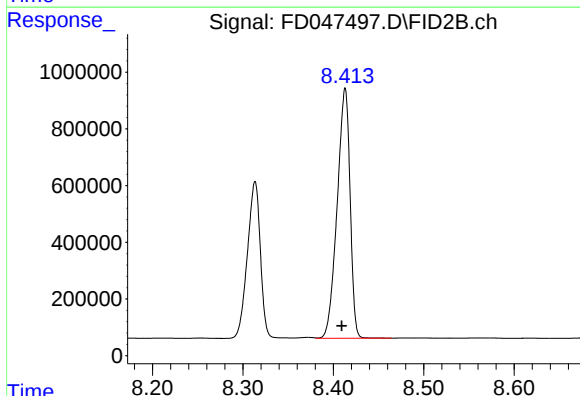
R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 8692022
Conc: 57.59 ug/ml

Instrument :
FID_D
ClientSampleId :
SOD01MSD



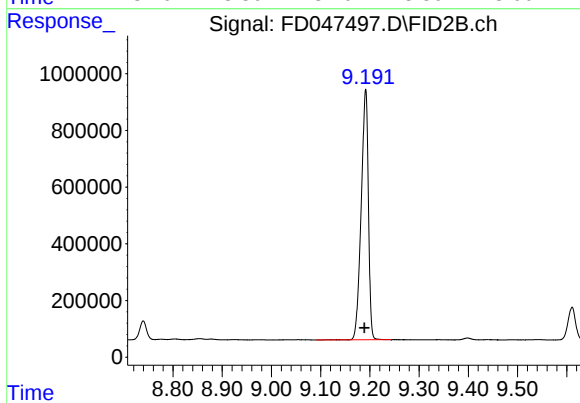
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 5513926
Conc: 56.43 ug/ml



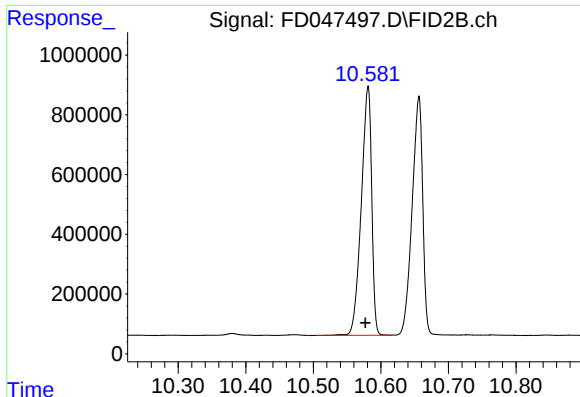
#7 Acenaphthene (C15.5)

R.T.: 8.413 min
Delta R.T.: 0.003 min
Response: 8754293
Conc: 54.66 ug/ml



#8 Fluorene (C16.55)

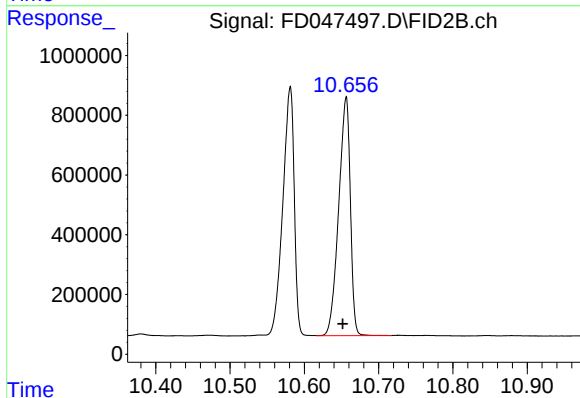
R.T.: 9.191 min
Delta R.T.: 0.002 min
Response: 8968489
Conc: 57.97 ug/ml



#9 Phenanthrene (C19.36)

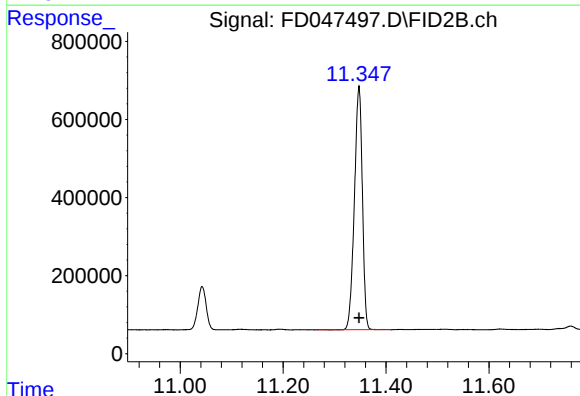
R.T.: 10.580 min
Delta R.T.: 0.003 min
Response: 8937373
Conc: 60.07 ug/ml

Instrument :
FID_D
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SOD01MSD



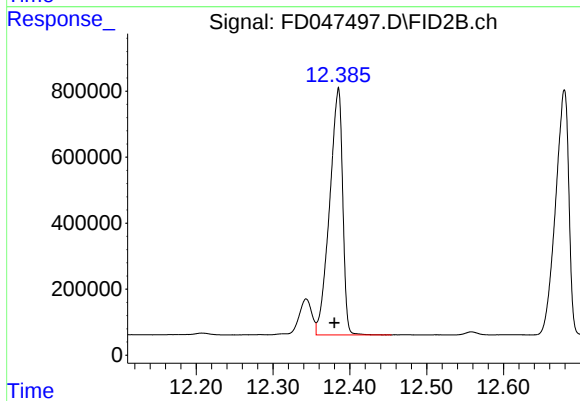
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: 0.004 min
Response: 8703046
Conc: 63.99 ug/ml



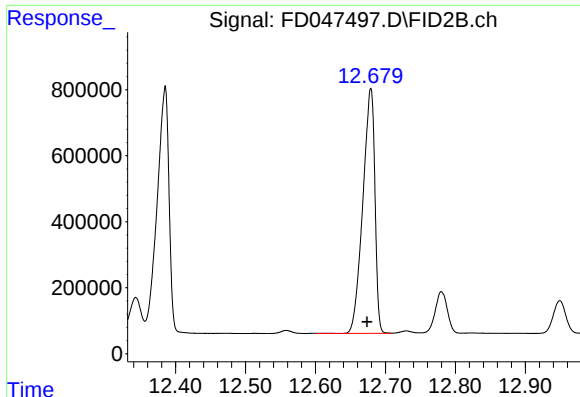
#11 ortho-Terphenyl (SURR)

R.T.: 11.347 min
Delta R.T.: 0.000 min
Response: 6688049
Conc: 39.01 ug/ml



#12 Fluoranthene (C21.85)

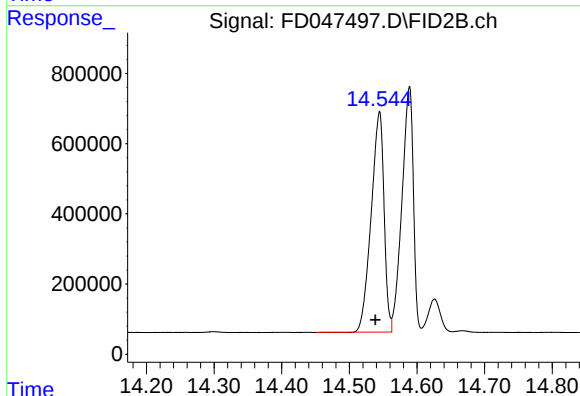
R.T.: 12.384 min
Delta R.T.: 0.004 min
Response: 8846003
Conc: 59.84 ug/ml



#13 Pyrene (C20.8)

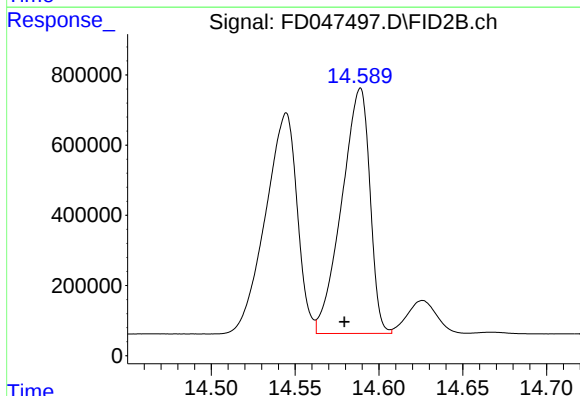
R.T.: 12.678 min
Delta R.T.: 0.005 min
Response: 8889335
Conc: 61.59 ug/ml

Instrument :
FID_D
ClientSampleId :
SOD01MSD



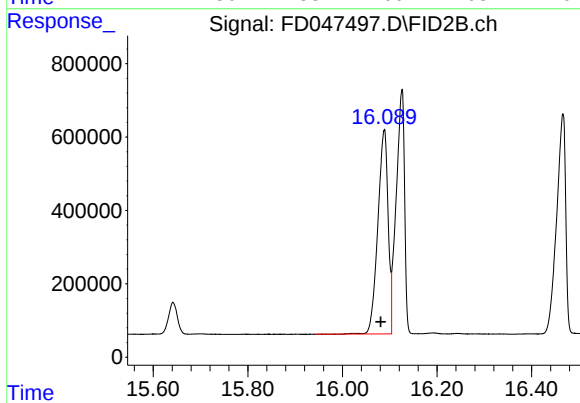
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.544 min
Delta R.T.: 0.005 min
Response: 8288247
Conc: 63.02 ug/ml



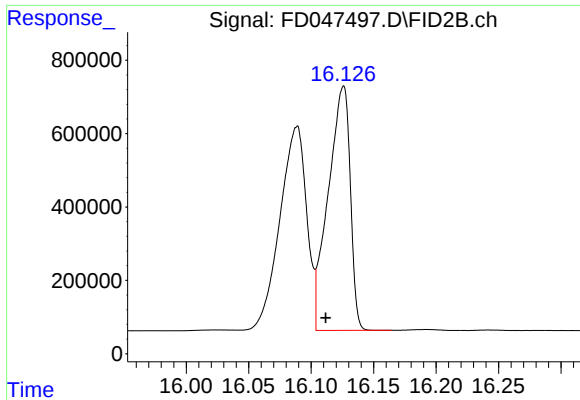
#15 Chrysene (C27.41)

R.T.: 14.588 min
Delta R.T.: 0.009 min
Response: 8181430
Conc: 58.02 ug/ml



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

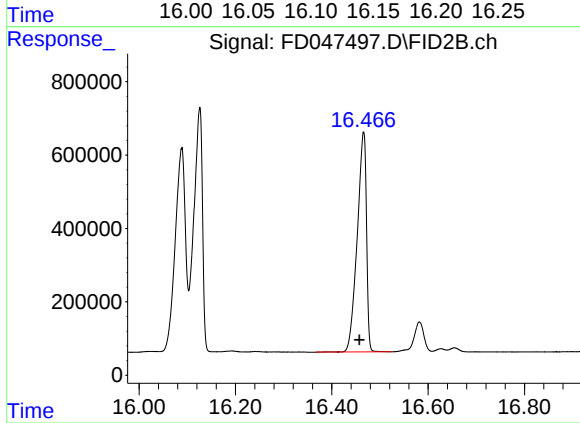
R.T.: 16.088 min
Delta R.T.: 0.007 min
Response: 8377596
Conc: 60.05 ug/ml



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

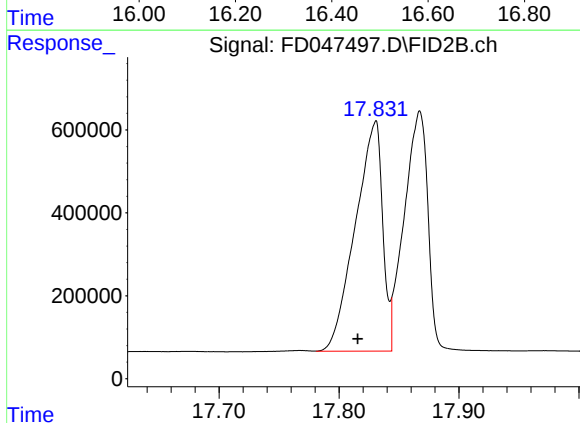
R.T.: 16.125 min
Delta R.T.: 0.013 min
Response: 8150782
Conc: 58.60 ug/ml

Instrument :
FID_D
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SOD01MSD



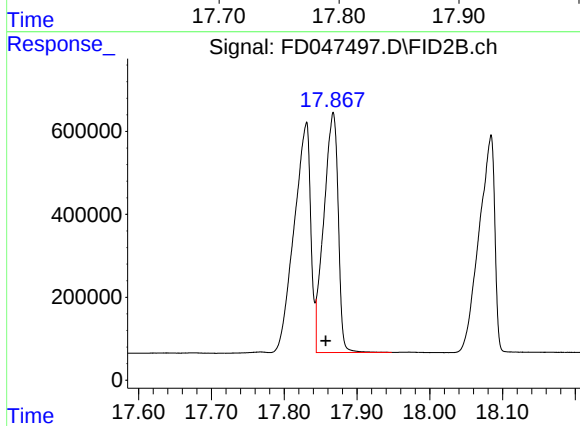
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.465 min
Delta R.T.: 0.008 min
Response: 8007881
Conc: 58.32 ug/ml



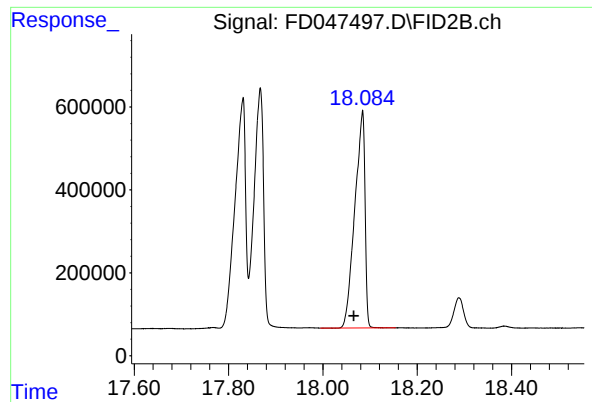
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.829 min
Delta R.T.: 0.014 min
Response: 8802511
Conc: 65.26 ug/ml



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

R.T.: 17.867 min
Delta R.T.: 0.009 min
Response: 7939265
Conc: 59.07 ug/ml



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

R.T.: 18.083 min
Delta R.T.: 0.017 min
Response: 7853853
Conc: 56.59 ug/ml

Instrument :
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ClientSampleId :
SOD01MSD