

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061325AR\
 Data File : FD049485.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 10:28
 Operator : YP/AJ
 Sample : Q2177-02MSD
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-187-SB01MSD

Integration File: autoint1.e
 Quant Time: Jun 13 21:20:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 03:11:40 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...	7.733	6422490	38.635 ug/ml
Spiked Amount 50.000		Recovery =	77.27%
6) S 2-Fluorobiphenyl (SURR)	8.599	4310794	37.683 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	75.37%
11) S ortho-Terphenyl (SURR)	11.644	6612603	32.944 ug/ml
Spiked Amount 50.000		Recovery =	65.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.524	2066500	12.988 ug/ml
2) T Naphthalene (C11.7)	6.067	2554939	14.551 ug/ml
3) T 2-Methylnaphthalene (...)	7.121	2609761	14.608 ug/ml
5) T Acenaphthylene (C15.06)	8.401	3078661	15.893 ug/ml
7) T Acenaphthene (C15.5)	8.696	3179562	16.715 ug/ml
8) T Flouorene (C16.55)	9.477	3339048	17.078 ug/ml
9) T Phenanthrene (C19.36)	10.876	3627949	19.080 ug/ml
10) T Anthracene (C19.43)	10.950	3257528	18.634 ug/ml
12) T Fluoranthene (C21.85)	12.690	3658473	20.282 ug/ml
13) T Pyrene (C20.8)	12.988	3565559	19.977 ug/ml
14) T Benzo[a]anthracene (C...	14.859	3096764	20.375 ug/ml
15) T Chrysene (C27.41)	14.902	3386617	22.302 ug/ml
16) T benzo[b]fluoranthene ...	16.409	3021110	20.872 ug/ml
17) T Bnezo[k]fluoranthene ...	16.442	2904297	20.239 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.789	2870129	21.117 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.153	2943227	23.042 ug/ml
20) T Dibenz[a,h]anthracene...	18.193	2786556	20.699 ug/ml
21) T Benzo[g,h,i]perylene ...	18.409	2739045	20.322 ug/ml

(f)=RT Delta > 1/2 Window

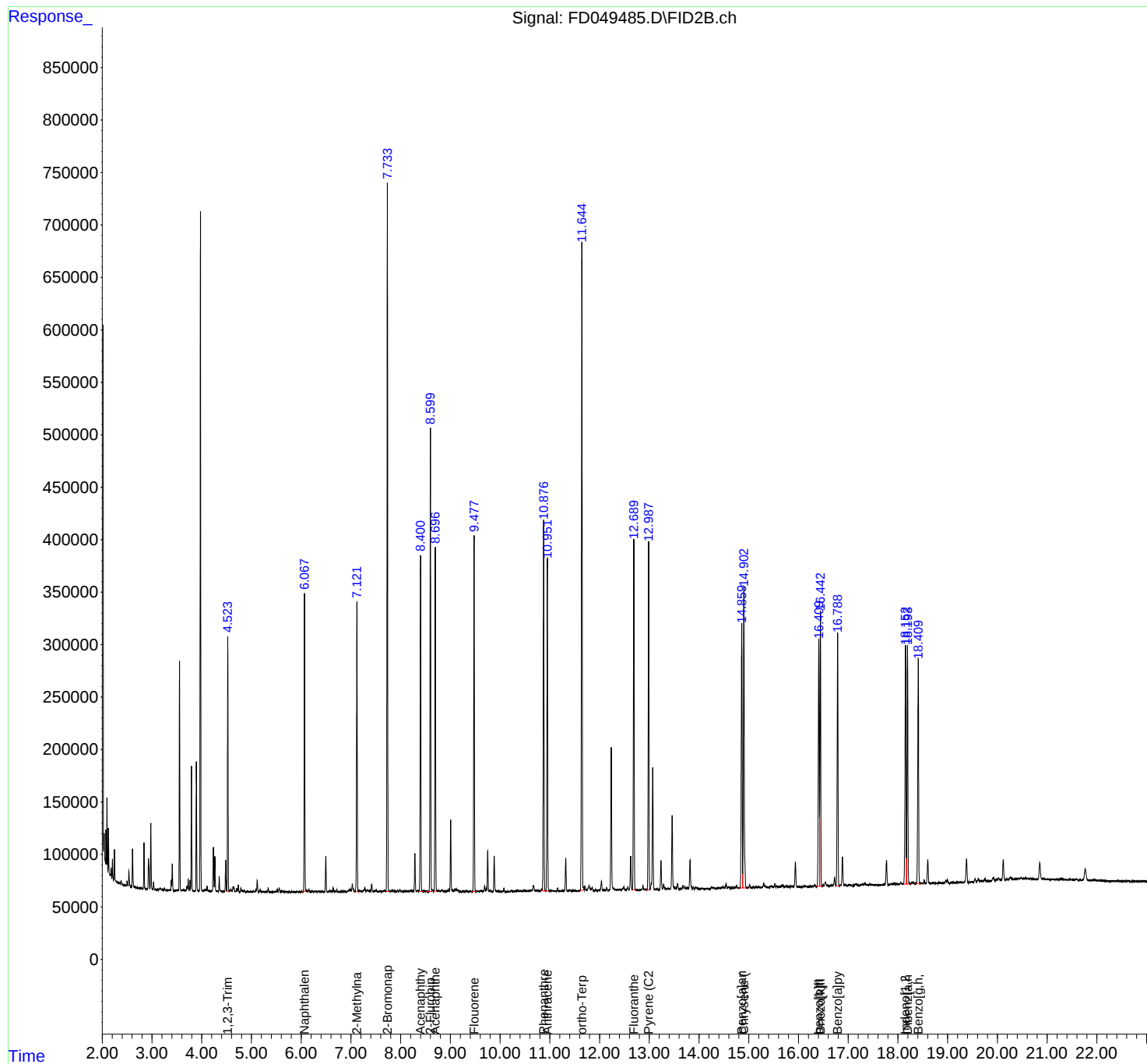
(m)=manual int.

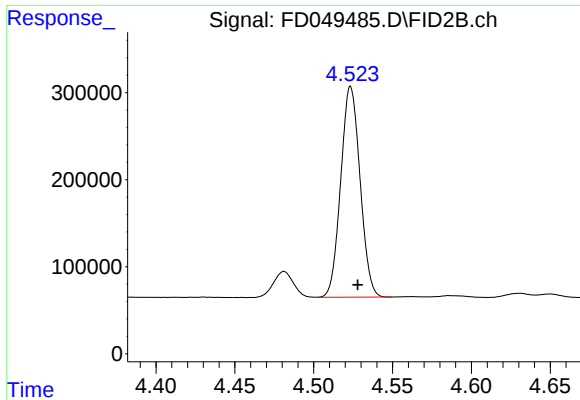
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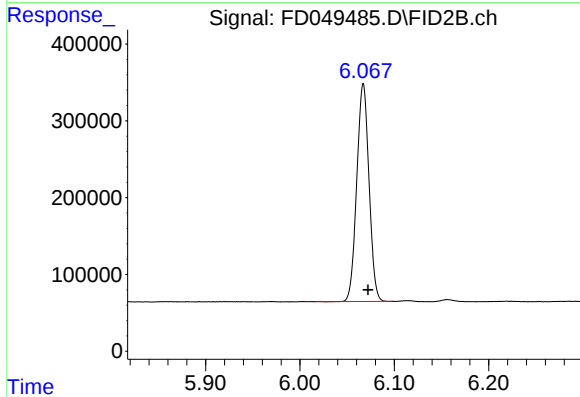




#1 1,2,3-Trimethylbenzene (C10.1)

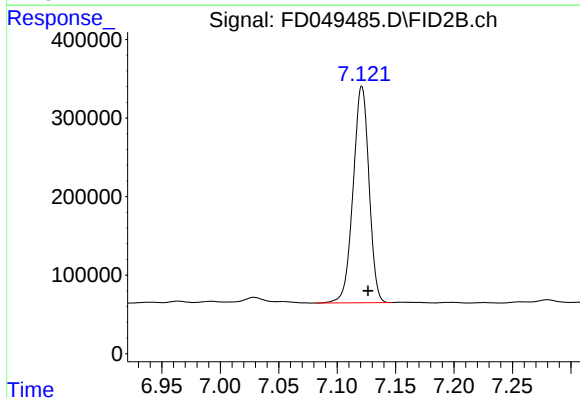
R.T.: 4.524 min
Delta R.T.: -0.004 min
Response: 2066500
Conc: 12.99 ug/ml

Instrument :
FID_D
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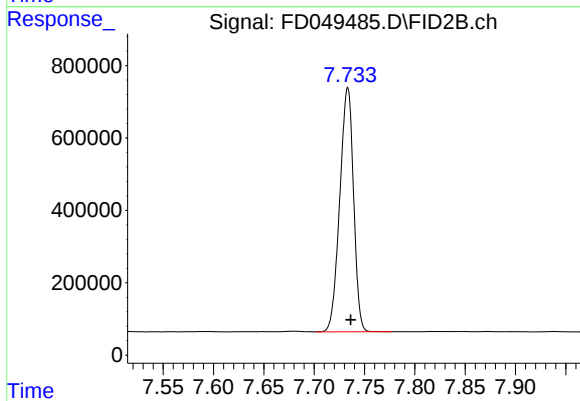
#2 Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: -0.005 min
Response: 2554939
Conc: 14.55 ug/ml



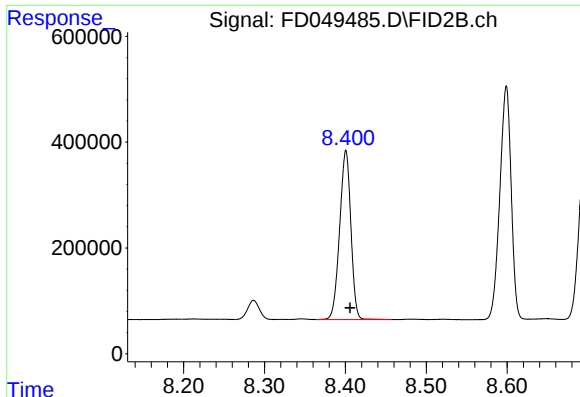
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.121 min
Delta R.T.: -0.005 min
Response: 2609761
Conc: 14.61 ug/ml



#4 2-Bromonaphthalene (SURR)

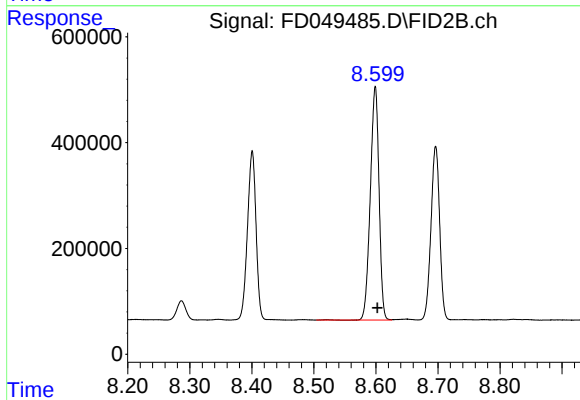
R.T.: 7.733 min
Delta R.T.: -0.003 min
Response: 6422490
Conc: 38.64 ug/ml



#5 Acenaphthylene (C15.06)

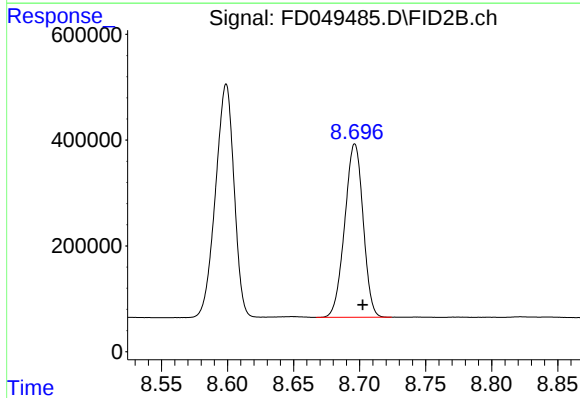
R.T.: 8.401 min
Delta R.T.: -0.005 min
Response: 3078661
Conc: 15.89 ug/ml

Instrument :
FID_D
ClientSampleId :
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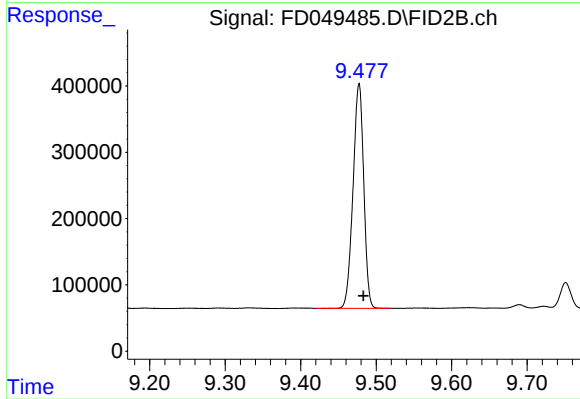
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 4310794
Conc: 37.68 ug/ml



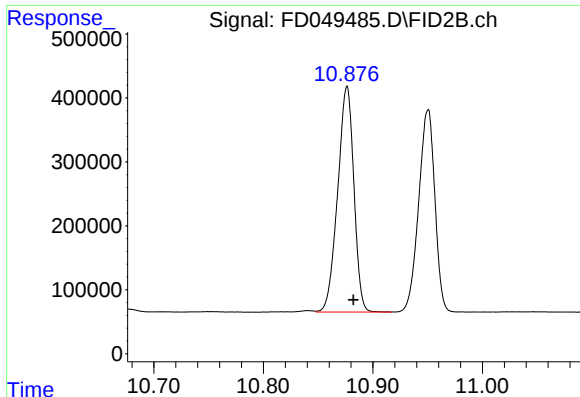
#7 Acenaphthene (C15.5)

R.T.: 8.696 min
Delta R.T.: -0.006 min
Response: 3179562
Conc: 16.72 ug/ml



#8 Flouorene (C16.55)

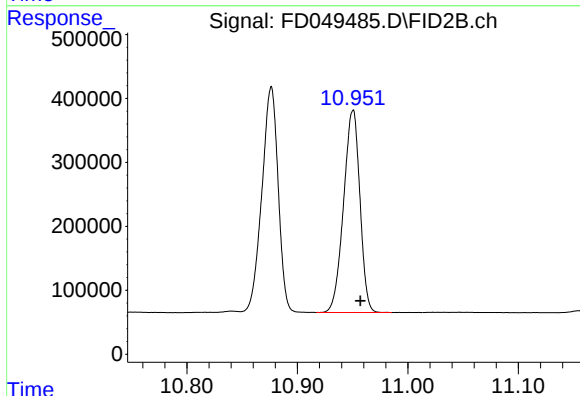
R.T.: 9.477 min
Delta R.T.: -0.006 min
Response: 3339048
Conc: 17.08 ug/ml



#9 Phenanthrene (C19.36)

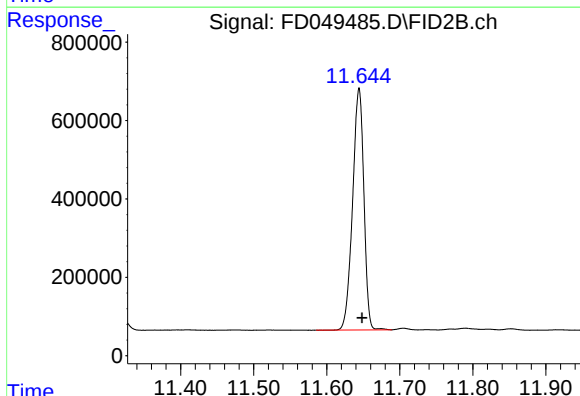
R.T.: 10.876 min
Delta R.T.: -0.006 min
Response: 3627949
Conc: 19.08 ug/ml

Instrument :
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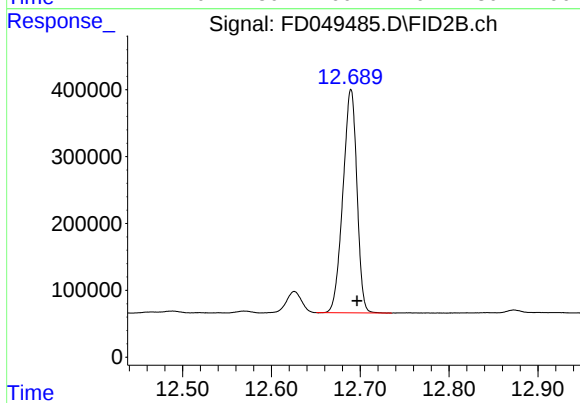
#10 Anthracene (C19.43)

R.T.: 10.950 min
Delta R.T.: -0.007 min
Response: 3257528
Conc: 18.63 ug/ml



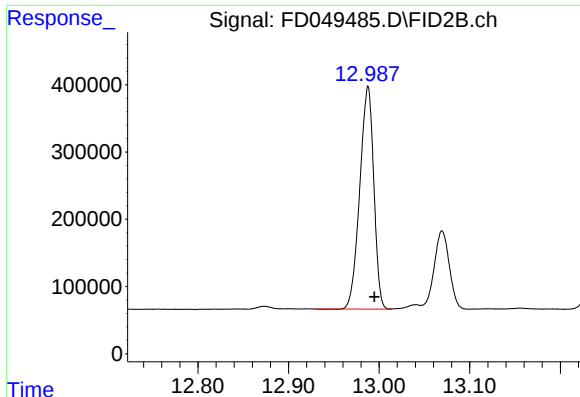
#11 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: -0.004 min
Response: 6612603
Conc: 32.94 ug/ml



#12 Fluoranthene (C21.85)

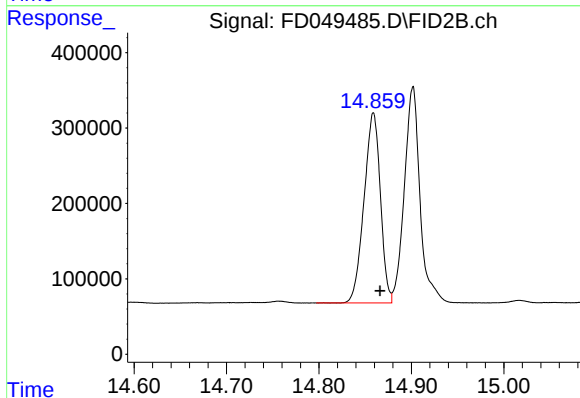
R.T.: 12.690 min
Delta R.T.: -0.007 min
Response: 3658473
Conc: 20.28 ug/ml



#13 Pyrene (C20.8)

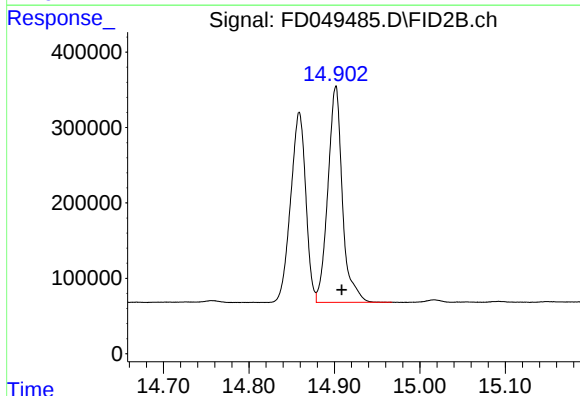
R.T.: 12.988 min
Delta R.T.: -0.007 min
Response: 3565559
Conc: 19.98 ug/ml

Instrument :
FID_D
ClientSampleId :
B-187-SB01MSD



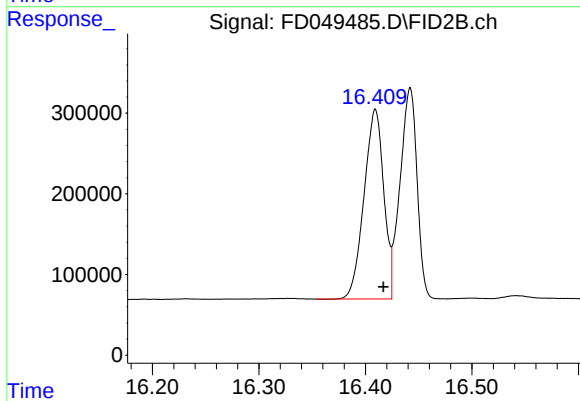
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.859 min
Delta R.T.: -0.007 min
Response: 3096764
Conc: 20.38 ug/ml



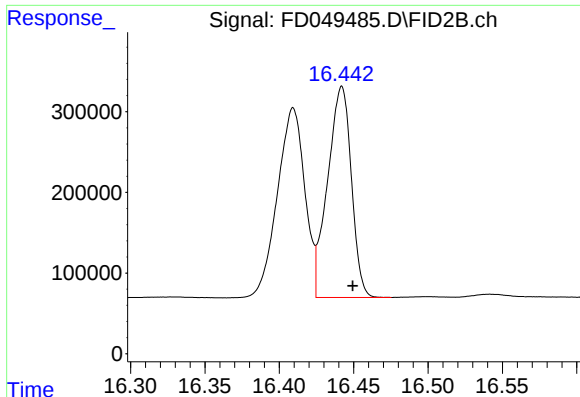
#15 Chrysene (C27.41)

R.T.: 14.902 min
Delta R.T.: -0.007 min
Response: 3386617
Conc: 22.30 ug/ml



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

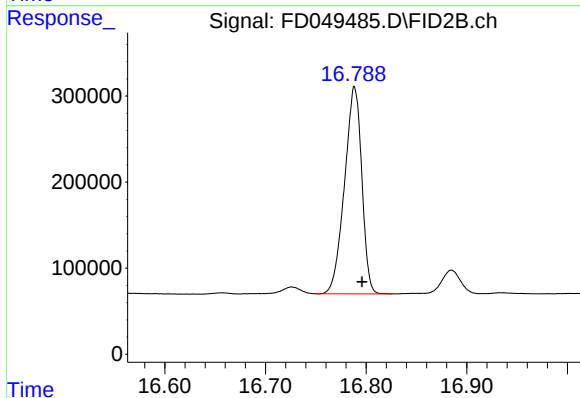
R.T.: 16.409 min
Delta R.T.: -0.008 min
Response: 3021110
Conc: 20.87 ug/ml



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

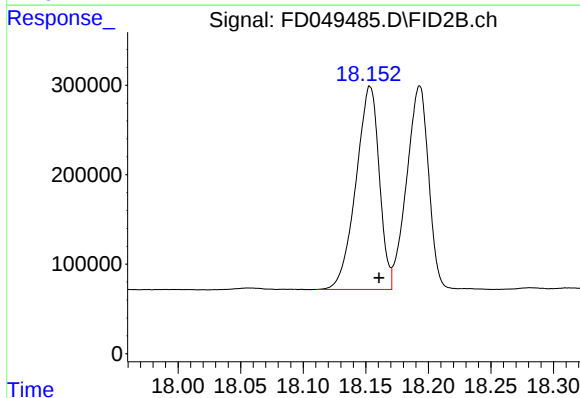
R.T.: 16.442 min
Delta R.T.: -0.007 min
Response: 2904297
Conc: 20.24 ug/ml

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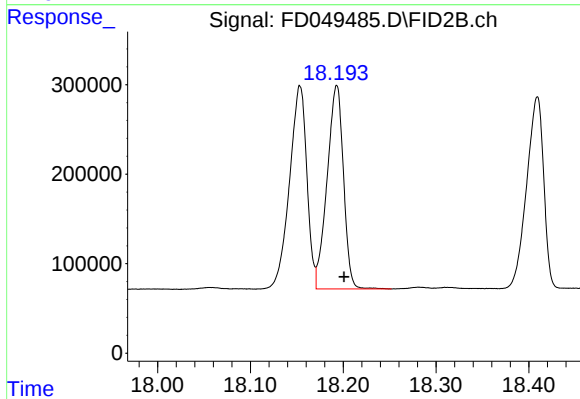
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.789 min
Delta R.T.: -0.007 min
Response: 2870129
Conc: 21.12 ug/ml



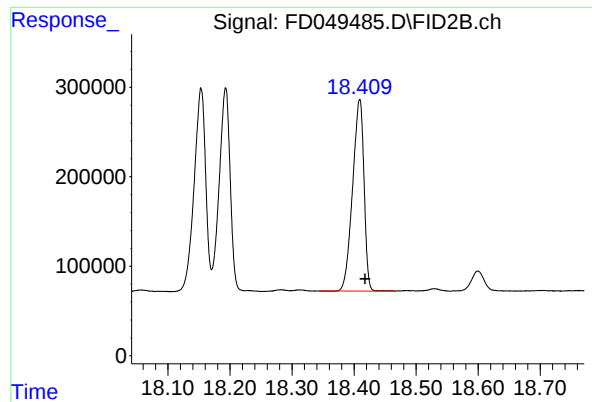
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.153 min
Delta R.T.: -0.007 min
Response: 2943227
Conc: 23.04 ug/ml



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

R.T.: 18.193 min
Delta R.T.: -0.008 min
Response: 2786556
Conc: 20.70 ug/ml



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

R.T.: 18.409 min
Delta R.T.: -0.008 min
Response: 2739045
Conc: 20.32 ug/ml

Instrument :

FID_D

ClientSampleId :

B-187-SB01MSD