

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081623AR\
 Data File : FD046335.D
 Signal(s) : FID2B.ch
 Acq On : 16 Aug 2023 17:34
 Operator : YP/AJ
 Sample : PB154859BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154859BSD

Integration File: autoint1.e
 Quant Time: Aug 16 23:47:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 2023
 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...	7.502	8784715	58.769 ug/ml
Spiked Amount 50.000		Recovery =	117.54%
6) S 2-Fluorobiphenyl (SURR)	8.356	5710894	61.006 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	122.01%
11) S ortho-Terphenyl (SURR)	11.394	9192051	52.634 ug/ml
Spiked Amount 50.000		Recovery =	105.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.314	6131735	33.655 ug/ml
2) T Naphthalene (C11.7)	5.840	6938446	38.416 ug/ml
3) T 2-Methylnaphthalene (...)	6.889	7171696	40.748 ug/ml
5) T Acenaphthylene (C15.06)	8.159	7635008	50.040 ug/ml
7) T Acenaphthene (C15.5)	8.455	7522837	46.135 ug/ml
8) T Fluorene (C16.55)	9.234	7886459	51.830 ug/ml
9) T Phenanthrene (C19.36)	10.623	8168608	56.728 ug/ml
10) T Anthracene (C19.43)	10.699	8082835	61.762 ug/ml
12) T Fluoranthene (C21.85)	12.428	8402702	60.134 ug/ml
13) T Pyrene (C20.8)	12.723	8479751	61.184 ug/ml
14) T Benzo[a]anthracene (C...	14.587	8037902	61.236 ug/ml
15) T Chrysene (C27.41)	14.632	8198605	58.145 ug/ml
16) T benzo[b]fluoranthene ...	16.130	7677379	56.136 ug/ml
17) T Bnezo[k]fluoranthene ...	16.166	7692451	56.120 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.506	7189772	55.226 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.864	7011621	58.297 ug/ml
20) T Dibenz[a,h]anthracene...	17.905	6714045	52.497 ug/ml
21) T Benzo[g,h,i]perylene ...	18.119	6621558	52.192 ug/ml

(f)=RT Delta > 1/2 Window

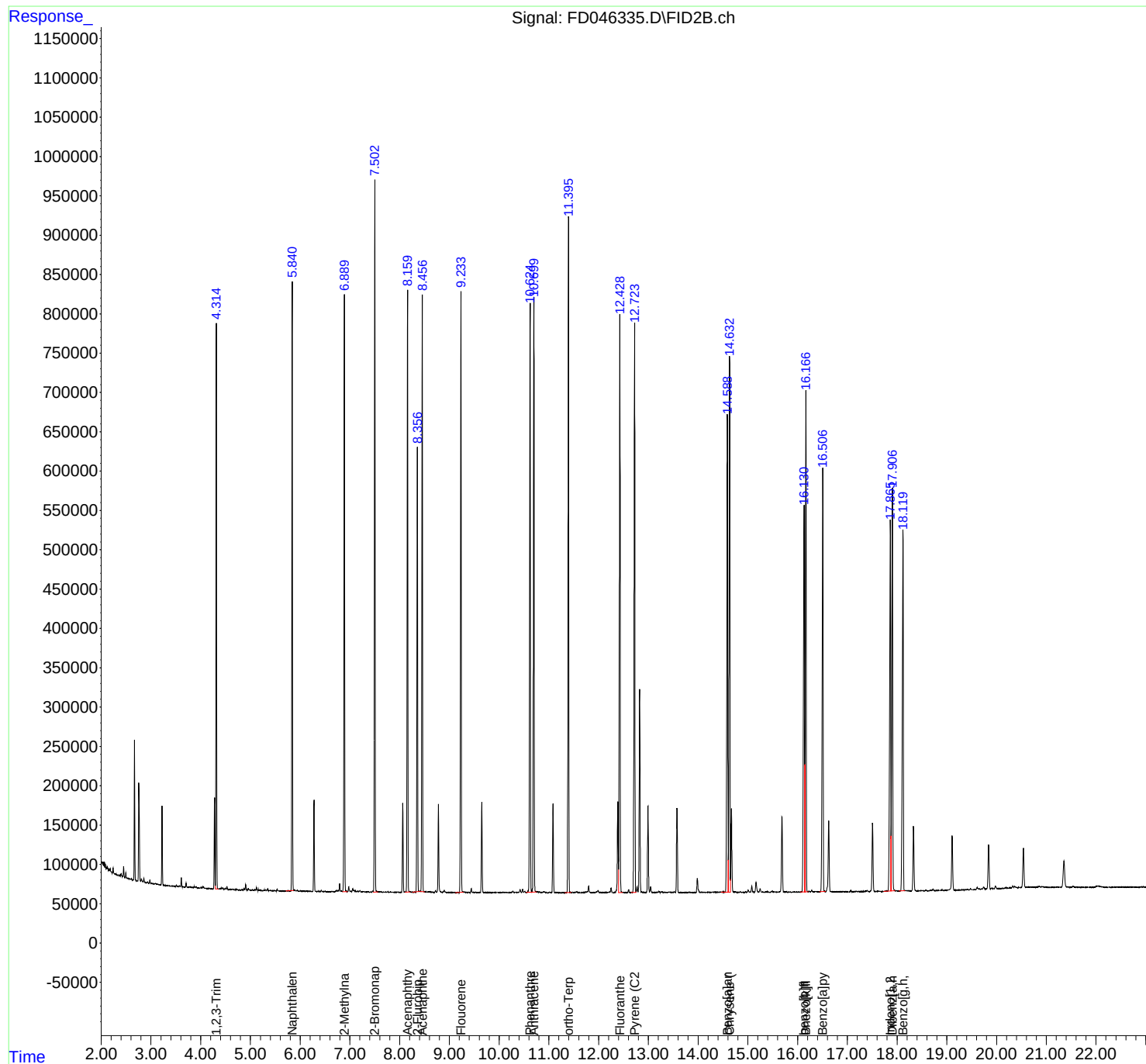
(m)=manual int.

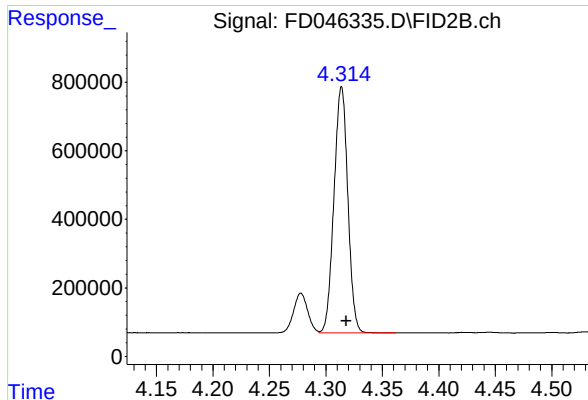
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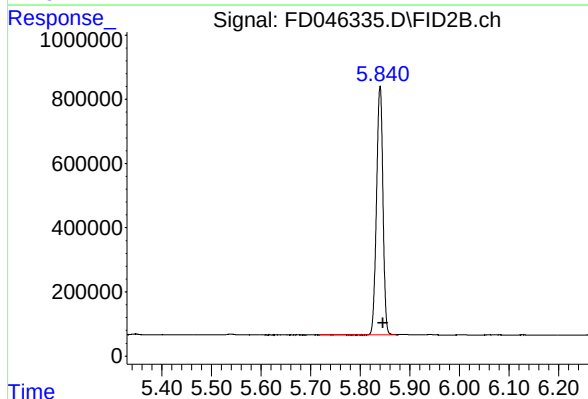




#1 1,2,3-Trimethylbenzene (C10.1)

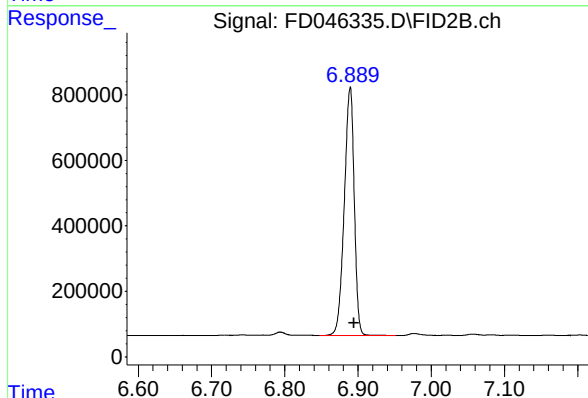
R.T.: 4.314 min
Delta R.T.: -0.004 min
Response: 6131735
Conc: 33.65 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154859BSD



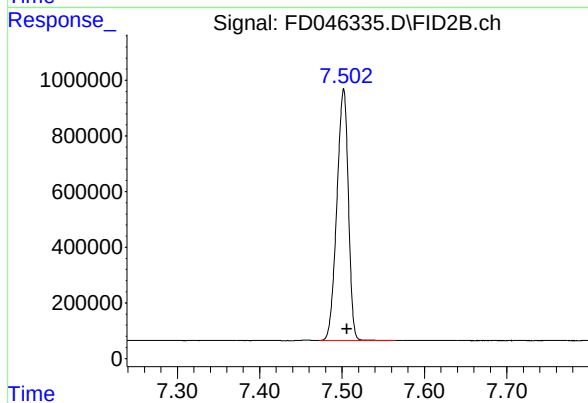
#2 Naphthalene (C11.7)

R.T.: 5.840 min
Delta R.T.: -0.006 min
Response: 6938446
Conc: 38.42 ug/ml



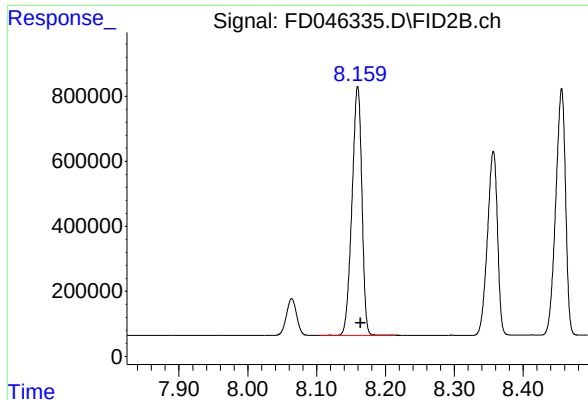
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.889 min
Delta R.T.: -0.005 min
Response: 7171696
Conc: 40.75 ug/ml



#4 2-Bromonaphthalene (SURR)

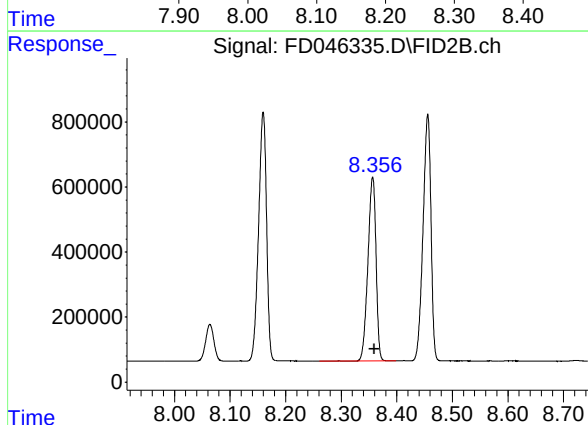
R.T.: 7.502 min
Delta R.T.: -0.004 min
Response: 8784715
Conc: 58.77 ug/ml



#5 Acenaphthylene (C15.06)

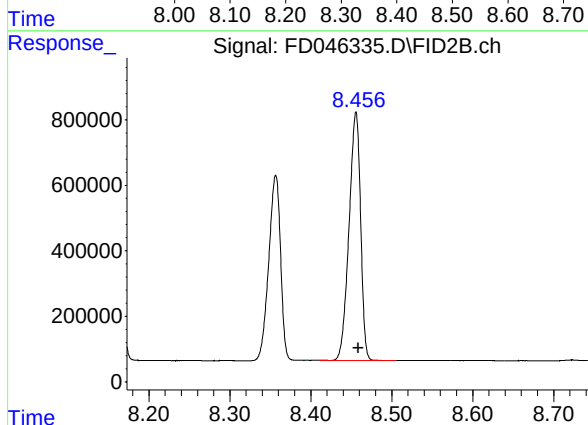
R.T.: 8.159 min
Delta R.T.: -0.004 min
Response: 7635008
Conc: 50.04 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154859BSD



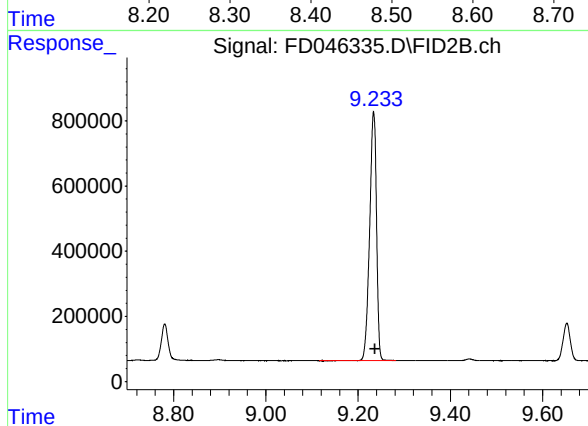
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.356 min
Delta R.T.: -0.004 min
Response: 5710894
Conc: 61.01 ug/ml



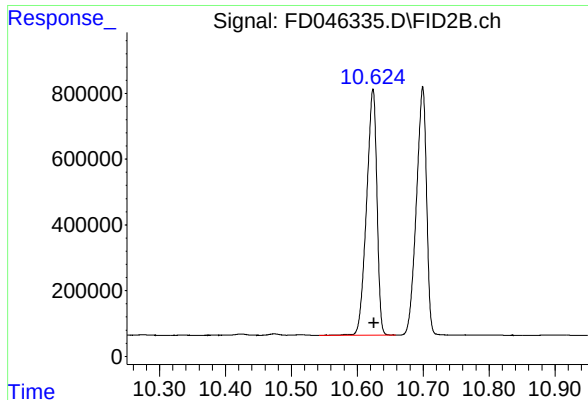
#7 Acenaphthene (C15.5)

R.T.: 8.455 min
Delta R.T.: -0.003 min
Response: 7522837
Conc: 46.13 ug/ml



#8 Fluorene (C16.55)

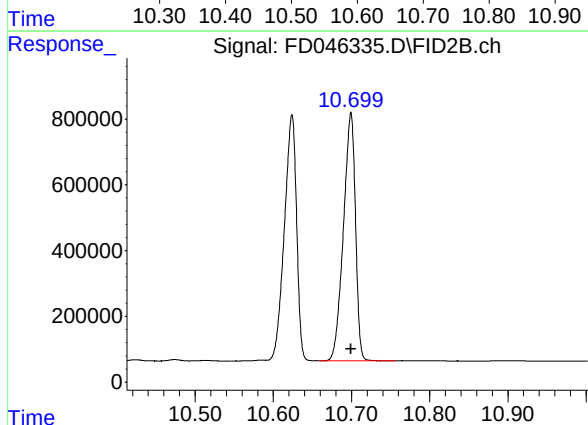
R.T.: 9.234 min
Delta R.T.: -0.003 min
Response: 7886459
Conc: 51.83 ug/ml



#9 Phenanthrene (C19.36)

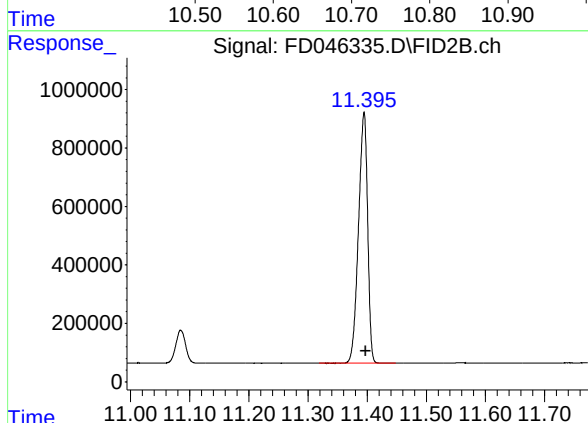
R.T.: 10.623 min
Delta R.T.: -0.002 min
Response: 8168608
Conc: 56.73 ug/ml

Instrument :
FID_D
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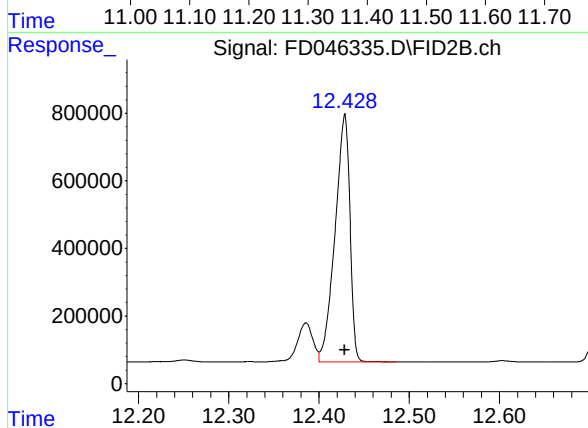
#10 Anthracene (C19.43)

R.T.: 10.699 min
Delta R.T.: 0.000 min
Response: 8082835
Conc: 61.76 ug/ml



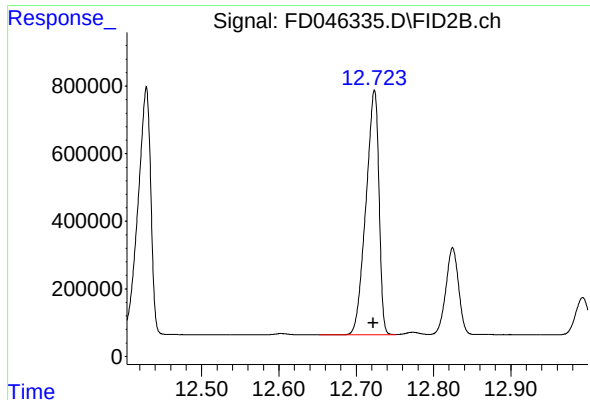
#11 ortho-Terphenyl (SURR)

R.T.: 11.394 min
Delta R.T.: -0.003 min
Response: 9192051
Conc: 52.63 ug/ml



#12 Fluoranthene (C21.85)

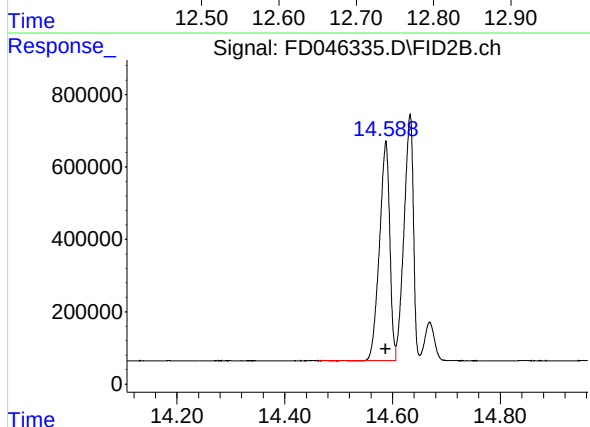
R.T.: 12.428 min
Delta R.T.: 0.000 min
Response: 8402702
Conc: 60.13 ug/ml



#13 Pyrene (C20.8)

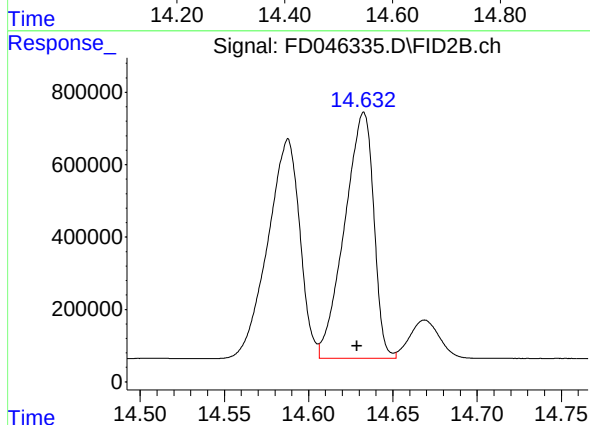
R.T.: 12.723 min
Delta R.T.: 0.000 min
Response: 8479751
Conc: 61.18 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154859BSD



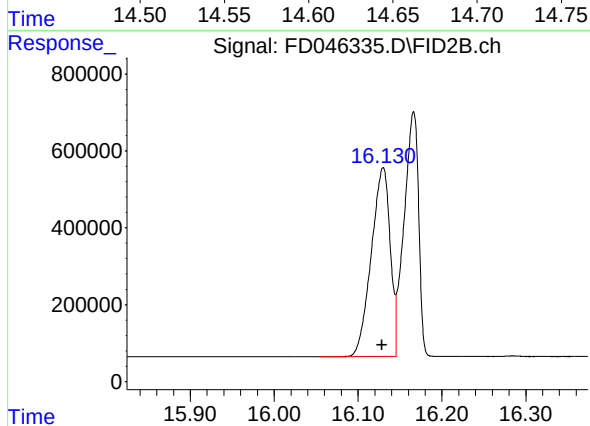
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.587 min
Delta R.T.: 0.000 min
Response: 8037902
Conc: 61.24 ug/ml



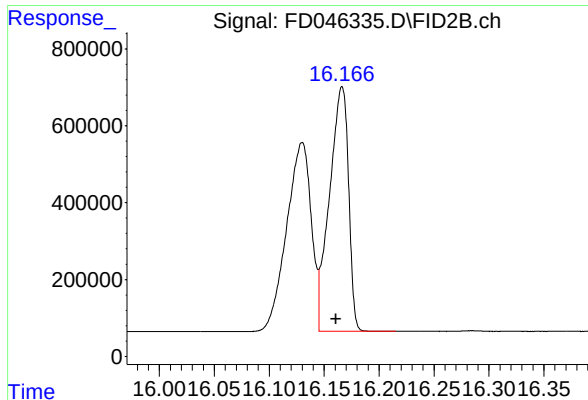
#15 Chrysene (C27.41)

R.T.: 14.632 min
Delta R.T.: 0.003 min
Response: 8198605
Conc: 58.15 ug/ml



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

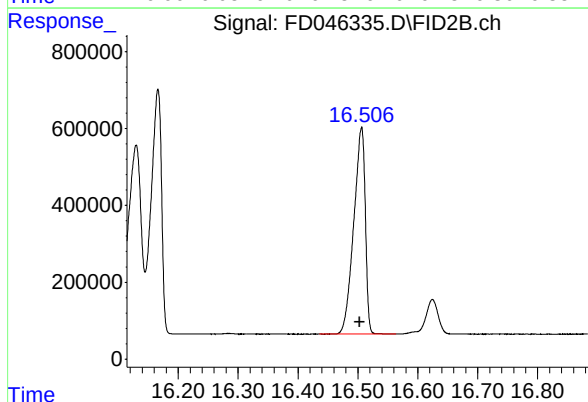
R.T.: 16.130 min
Delta R.T.: 0.001 min
Response: 7677379
Conc: 56.14 ug/ml



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

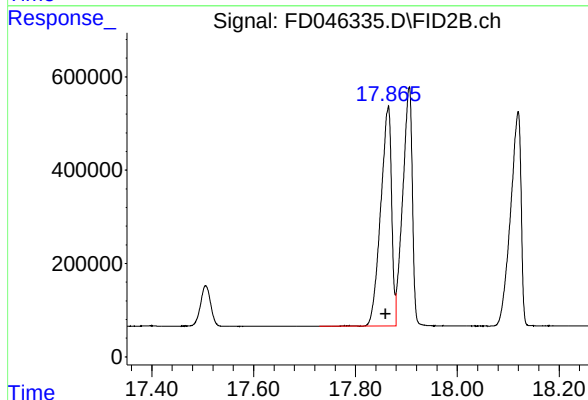
R.T.: 16.166 min
Delta R.T.: 0.005 min
Response: 7692451
Conc: 56.12 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154859BSD



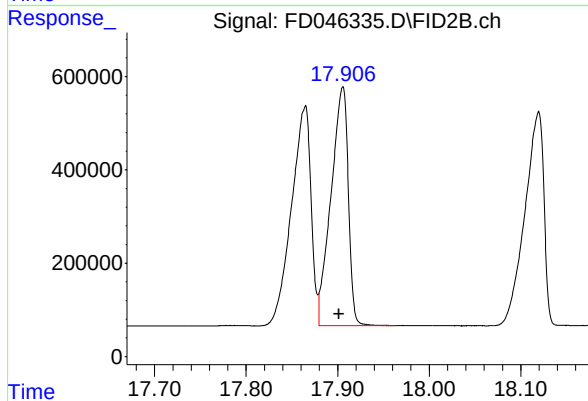
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.506 min
Delta R.T.: 0.002 min
Response: 7189772
Conc: 55.23 ug/ml



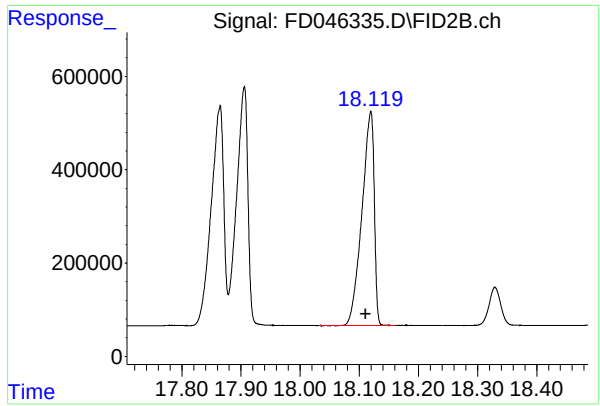
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.864 min
Delta R.T.: 0.004 min
Response: 7011621
Conc: 58.30 ug/ml



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

R.T.: 17.905 min
Delta R.T.: 0.003 min
Response: 6714045
Conc: 52.50 ug/ml



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

R.T.: 18.119 min
Delta R.T.: 0.007 min
Response: 6621558
Conc: 52.19 ug/ml

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PB154859BSD