

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032519AR\
 Data File : FD028489.D
 Signal(s) : FID2B.CH
 Acq On : 26 Mar 2019 1:33
 Operator : AJ\SJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Mar 26 06:38:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032519.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 26 06:38:01 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.123	4651933	50.636 ug/ml
Spiked Amount 50.000		Recovery =	101.27%
6) S 2-Fluorobiphenyl (SURR)	7.992	3178544	50.215 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.43%
11) S ortho-Terphenyl (SURR)	11.032	5317751	49.175 ug/ml
Spiked Amount 50.000		Recovery =	98.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.942	4736619	50.657 ug/ml
2) T Naphthalene (C11.7)	5.467	5212974	50.847 ug/ml
3) T 2-Methylnaphthalene (...)	6.516	5244632	50.746 ug/ml
5) T Acenaphthylene (C15.06)	7.796	5055271	50.252 ug/ml
7) T Acenaphthene (C15.5)	8.092	5290500	50.199 ug/ml
8) T Fluorene (C16.55)	8.873	5269736	49.798 ug/ml
9) T Phenanthrene (C19.36)	10.272	5197297	49.448 ug/ml
10) T Anthracene (C19.43)	10.347	5122906	48.971 ug/ml
12) T Fluoranthene (C21.85)	12.085	5052985	47.997 ug/ml
13) T Pyrene (C20.8)	12.384	5006813	47.839 ug/ml
14) T Benzo[a]anthracene (C...	14.252	4782975	47.151 ug/ml
15) T Chrysene (C27.41)	14.297	4768052	47.038 ug/ml
16) T benzo[b]fluoranthene ...	15.802	4929178	47.092 ug/ml
17) T Bnezo[k]fluoranthene ...	15.838	4890382	47.081 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.184	4930502	47.218 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.548	5075101	47.811 ug/ml
20) T Dibenz[a,h]anthracene...	17.585	4866791	46.230 ug/ml
21) T Benzo[g,h,i]perylene ...	17.806	4976178	47.406 ug/ml

(f)=RT Delta > 1/2 Window

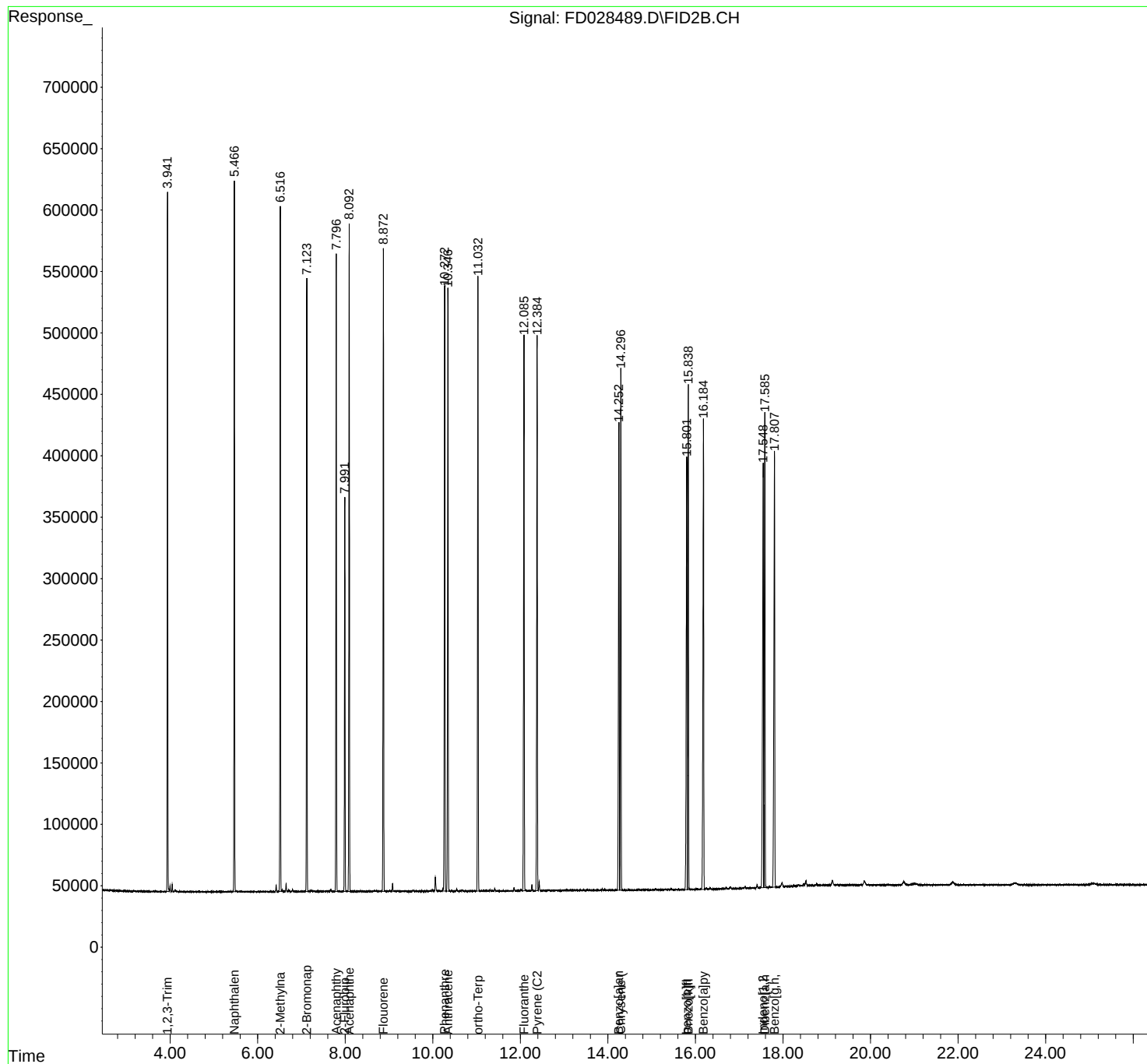
(m)=manual int.

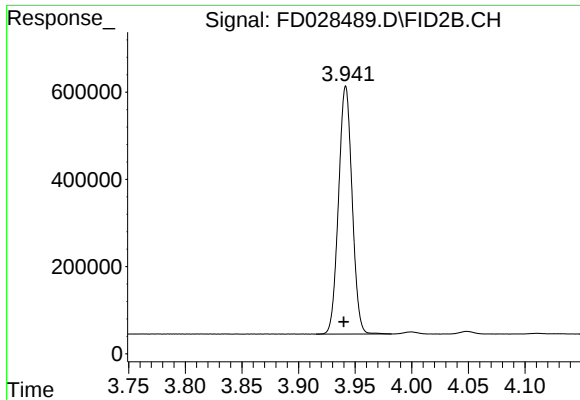
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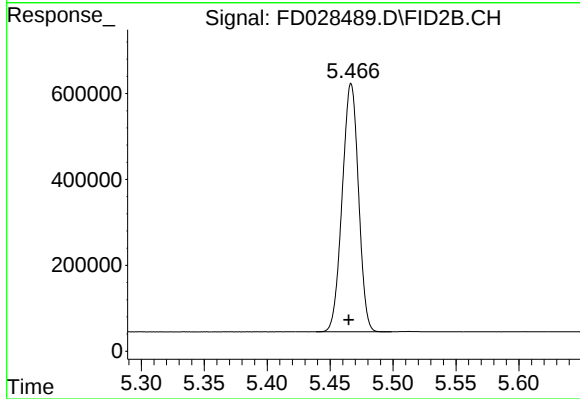




#1 1,2,3-Trimethylbenzene (C10.1)

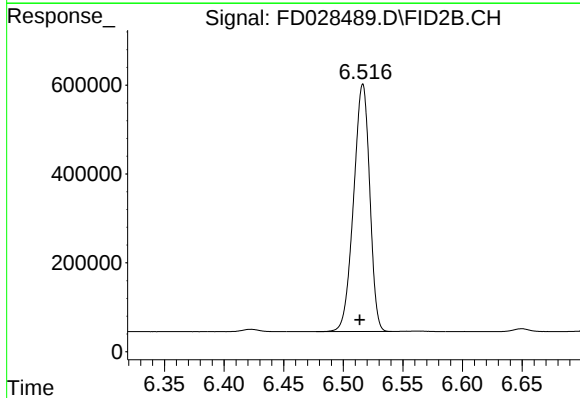
R.T.: 3.942 min
Delta R.T.: 0.002 min
Response: 4736619
Conc: 50.66 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



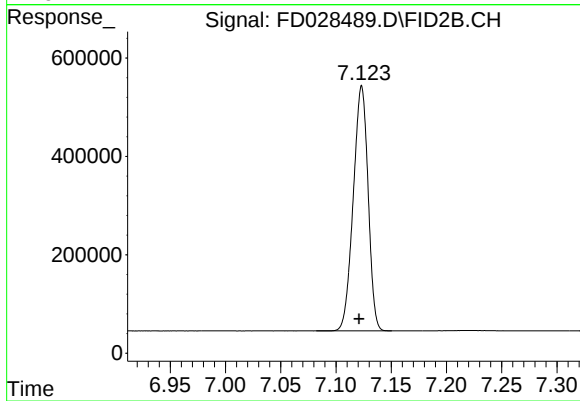
#2 Naphthalene (C11.7)

R.T.: 5.467 min
Delta R.T.: 0.002 min
Response: 5212974
Conc: 50.85 ug/ml



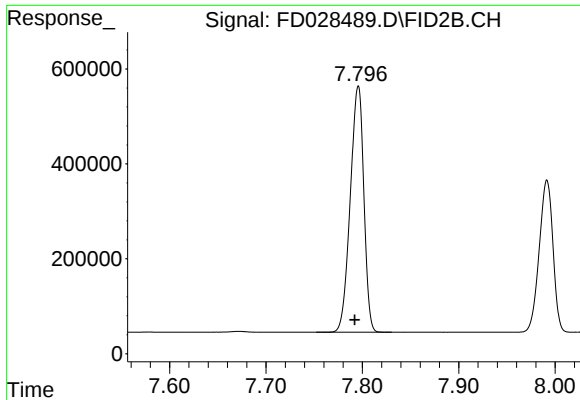
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.516 min
Delta R.T.: 0.003 min
Response: 5244632
Conc: 50.75 ug/ml



#4 2-Bromonaphthalene (SURR)

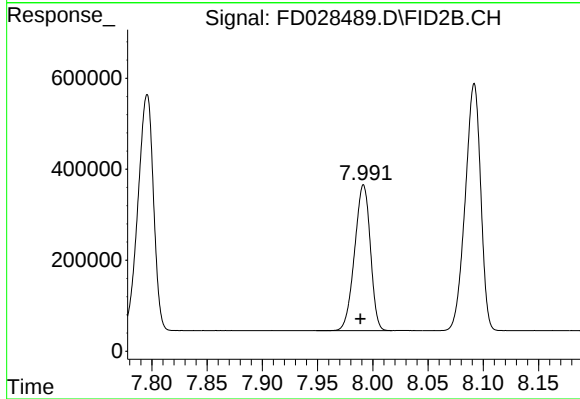
R.T.: 7.123 min
Delta R.T.: 0.002 min
Response: 4651933
Conc: 50.64 ug/ml



#5 Acenaphthylene (C15.06)

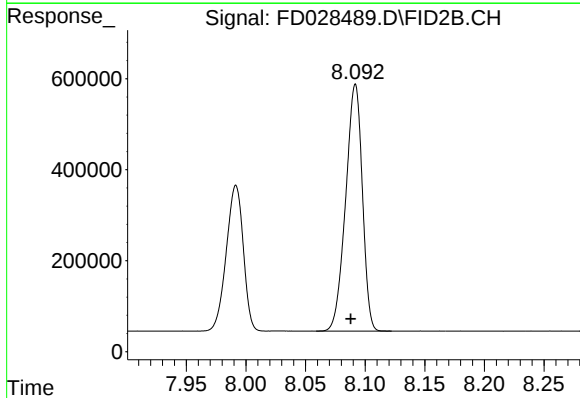
R.T.: 7.796 min
Delta R.T.: 0.004 min
Response: 5055271
Conc: 50.25 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



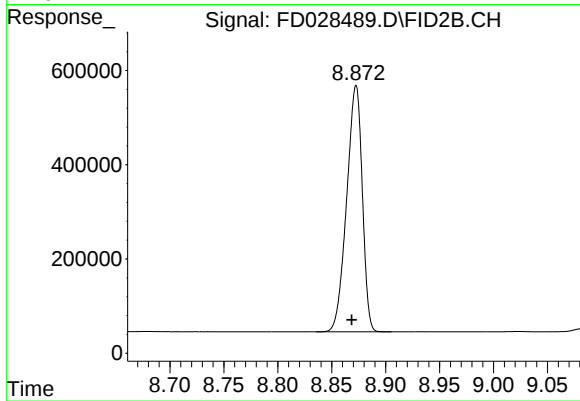
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.992 min
Delta R.T.: 0.003 min
Response: 3178544
Conc: 50.21 ug/ml



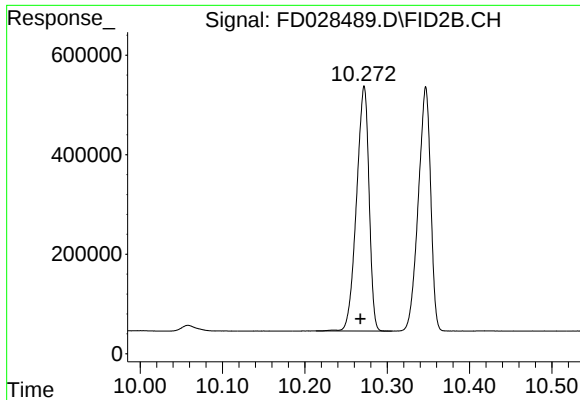
#7 Acenaphthene (C15.5)

R.T.: 8.092 min
Delta R.T.: 0.004 min
Response: 5290500
Conc: 50.20 ug/ml



#8 Fluorene (C16.55)

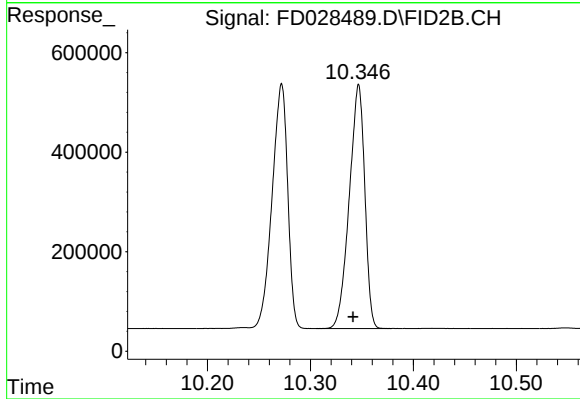
R.T.: 8.873 min
Delta R.T.: 0.004 min
Response: 5269736
Conc: 49.80 ug/ml



#9 Phenanthrene (C19.36)

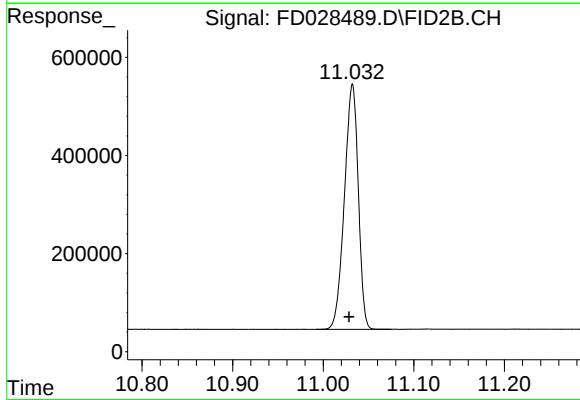
R.T.: 10.272 min
Delta R.T.: 0.005 min
Response: 5197297
Conc: 49.45 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



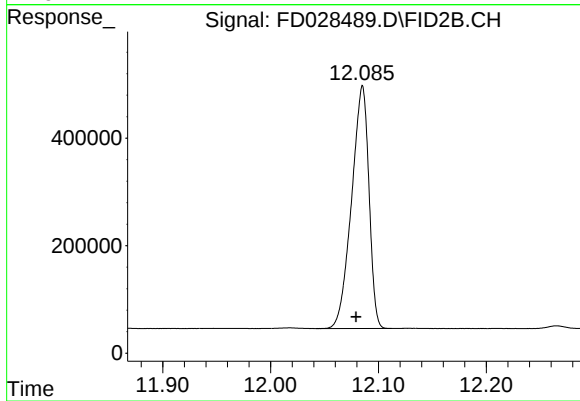
#10 Anthracene (C19.43)

R.T.: 10.347 min
Delta R.T.: 0.005 min
Response: 5122906
Conc: 48.97 ug/ml



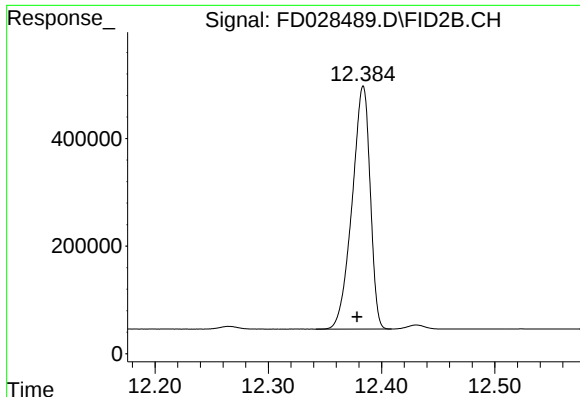
#11 ortho-Terphenyl (SURR)

R.T.: 11.032 min
Delta R.T.: 0.004 min
Response: 5317751
Conc: 49.18 ug/ml



#12 Fluoranthene (C21.85)

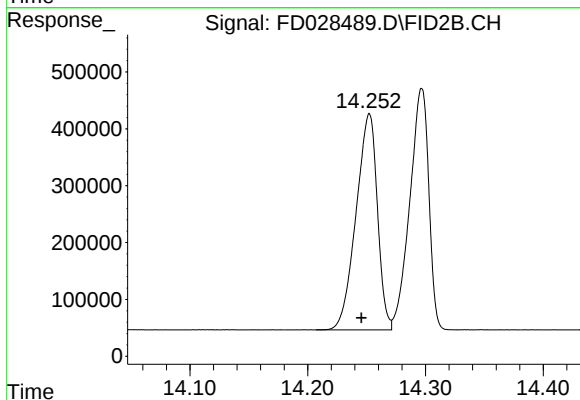
R.T.: 12.085 min
Delta R.T.: 0.006 min
Response: 5052985
Conc: 48.00 ug/ml



#13 Pyrene (C20.8)

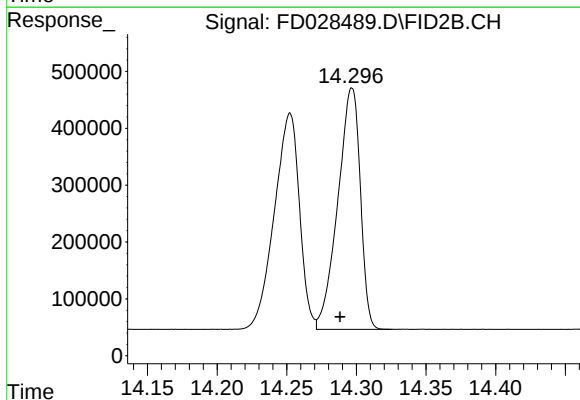
R.T.: 12.384 min
Delta R.T.: 0.006 min
Response: 5006813
Conc: 47.84 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



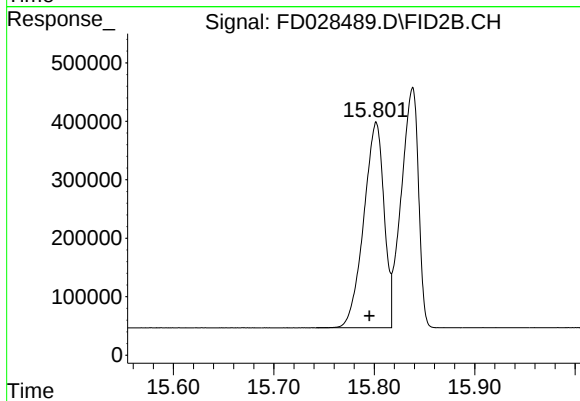
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.252 min
Delta R.T.: 0.007 min
Response: 4782975
Conc: 47.15 ug/ml



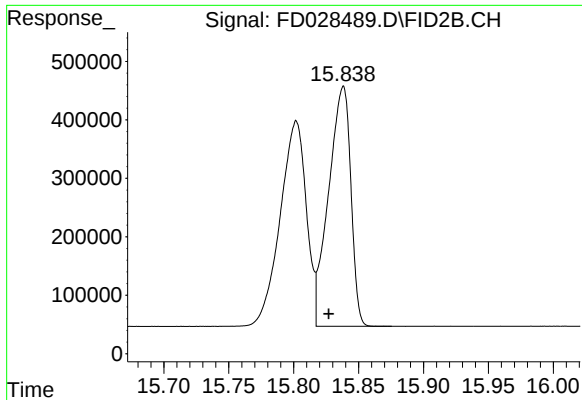
#15 Chrysene (C27.41)

R.T.: 14.297 min
Delta R.T.: 0.008 min
Response: 4768052
Conc: 47.04 ug/ml



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

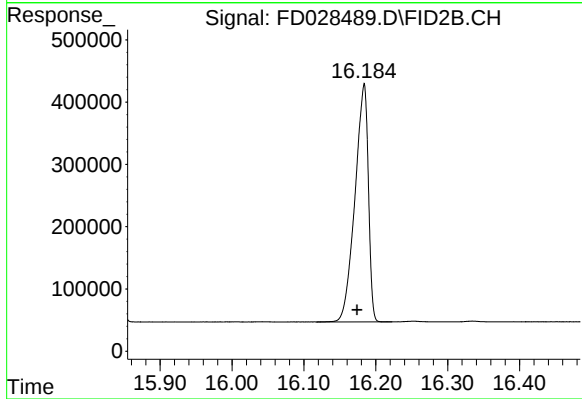
R.T.: 15.802 min
Delta R.T.: 0.007 min
Response: 4929178
Conc: 47.09 ug/ml



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

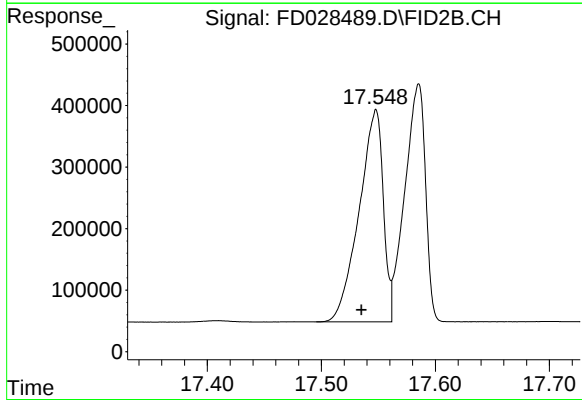
R.T.: 15.838 min
Delta R.T.: 0.011 min
Response: 4890382
Conc: 47.08 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



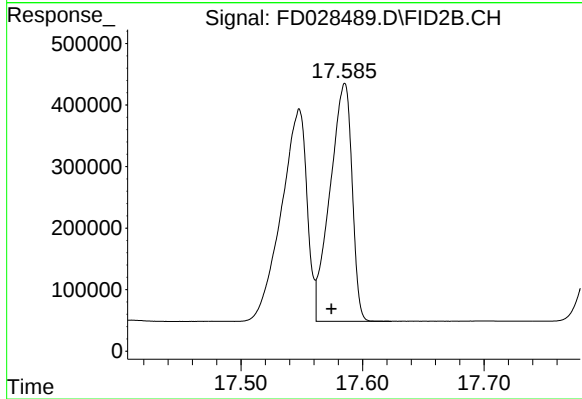
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.184 min
Delta R.T.: 0.010 min
Response: 4930502
Conc: 47.22 ug/ml



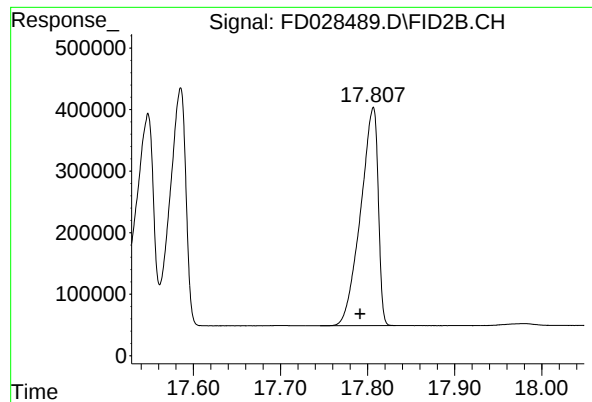
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.548 min
Delta R.T.: 0.013 min
Response: 5075101
Conc: 47.81 ug/ml



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

R.T.: 17.585 min
Delta R.T.: 0.011 min
Response: 4866791
Conc: 46.23 ug/ml



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

R.T.: 17.806 min
Delta R.T.: 0.015 min
Response: 4976178
Conc: 47.41 ug/ml

Instrument :
FID_D
ClientSampleId :
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